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RESULTS

OF

Magnetical and Meteorological Observations

, VOL. 36, 1950.

FOR THE MONTH OF

JANUARY, 1950

N. R. McCURDY, B.Sc.
Director.

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Table I—Results of Magnetical Observations made during the month of January, 1950

Month and Day	Mean: Declination (West)	Mean: Horizontal Force (C.G.S. Units)	Mean: Vertical Force (C.G.S. Units)	Daily Range: Declination	Daily Range: Horizontal Force (Unit 1 γ)	Daily Range: Vertical Force (Unit 1 γ)
JAN.	′			′		
	15°36·6	·22319	·30364	6·2	43	15
2	36·6	328	368	4·0	48	17
3	36·1	333	363	11·0	57	34
4	36·3	321	363	11·0	51	42
5	36·2	331	368	14·0	63	36
6	36·3	331	366	13·0	69	36
7	36·6	331	366	10·6	47	22
8	36·8	330	368	7·2	33	22
9	35·8	347	366	9·4	74	16
10	36·8	339	364	7·2	60	20
11	36·6	334	367	3·4	61	15
12	36·9	323	364	6·0	40	15
13	35·7	334	366	5·4	75	7
14	35·8	331	361	8·2	63	31
15	35·0	319	362	11·6	66	26
16	36·2	310	362	8·4	13	35
17	36·6	322	364	6·0	35	17
18	37·4	320	360	8·4	33	26
19	37·1	325	359	12·8	38	33
20	36·4	282	367	12·2	59	20
21	37·3	305	374	9·8	54	9
22	37·2	305	368	10·0	24	12
23	37·0	320	365	10·0	34	20
24	37·8	314	—	12·6	107	—
25	38·8	261	—	9·0	47	—
26	38·1	283	—	6·8	35	—
27	37·8	308	374	9·0	48	16
28	38·4	296	374	6·2	52	17
29	38·0	307	372	5·4	48	23
30	38·6	299	368	8·0	37	31
31	38·5	308	368	10·0	36	32
Mean	15°36′·95	·22317	·30366	8′·80	51·0	23·2

Magnetic Disturbances—January, 1950

1d. Slightly disturbed.

3d. Slightly disturbed.

4d. Moderately disturbed.

6d. Moderately disturbed.

9d. Slightly disturbed.

12d. Slightly disturbed.

14d. Moderately disturbed.

15d. Slightly disturbed.

19d. Slightly disturbed.

20d. Moderately distturbed.

21d. Slightly disturbed.

24d. Moderately disturbed during first half and a very disturbed period started at $16^h\ 20^m$ and ended on the next day at $03^h\ 30^m$. The range was over 120γ.

25d. Slightly disturbed.

27d. Slightly disturbed.

31d. Slightly disturbed.

T=·37685: Mean Dip=53°41′·20: X=·21492: Y=−·06077: Z=·30366

Table II.—Results of the Absolute Determinations of the Magnetic Elements made during the month of January, 1950

Declination (West)		Horizontal Force		Dip (South)		Resulting Vertical Force
Day and Hour	Observed Value	Day and Hour	Observed Value	Day and Hour	Observed Value	
d h m	° ′	d h m		d h m	° ′	
5 9 20	15 41·47	5 9 44	·22338	5 9 10	53 40·87	·30380
12 9 32	15 40·17	12 9 54	·22337	12 9 22	53 41·50	·30368
19 9 41	15 41·63	19 10 03	·22342	19 9 31	53 42·13	·30373
25 9 25	15 42·50	25 9 48	·22302	25 9 15	53 40·63	·30371
		27 9 35	·22336			
		31 9 27	·22318			

Table III.—Magnetic Declination West at every Hour of the Day as deduced from the Photographic Records

JANUARY 1950

Day / Hour	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day / Hour
									15° +								
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	
Midnight	36·0	36.4	36·0	35·6	36·0	36·8	36·0	36·4	36·2	35·8	37·0	36.2	37·2	35·4	35·7	36·0	Midnight
1h	36·2	36·6	37·4	36·0	36·2	36·4	35·8	36·8	36·6	36·4	37·2	36.0	36·4	36·0	35·4	35·6	1h
2	36·5	36·4	37·6	36·0	36·4	36·2	37·0	36·6	36·8	37·0	37·0	36.0	36·6	35·8	36·4	36·4	2
3	36·6	36·8	37·8	36·2	37·8	37·0	38·0	37·4	37·4	37·6	37·4	35·4	37·2	36·0	37·0	36·6	3
4	36·7	37·0	38·2	36·6	38·0	37·6	38·0	37·6	37·6	38·2	36·2	36·2	37·6	37·2	37·2	36·8	4
5	37·2	37·6	38·2	36·8	38·2	38·0	39·6	37·8	38·0	38·6	37·4	37·2	38·0	38·0	37·4	37·0	5
6	37·4	37·7	40·0	38·6	38·4	38·2	39·4	38·0	38·4	39·0	38·0	38·0	36·4	40·0	38·0	37·2	6
7	38·0	37·8	40·6	41·0	40·0	40·0	38·0	38·2	39·6	38·6	38·0	39·8	36·4	40·0	39·6	38·8	7
8	39·0	38·0	40.8	42·0	40·6	41·4	38·2	39·4	39·4	40·2	37·8	40·2	36·2	40·2	39·4	40·4	8
9	39·8	38·0	38·2	40·8	41·8	42·6	40·0	40·0	38·6	40·0	37·6	40·0	37·0	39·0	38·0	40·8	9
10	40·2	37·8	36·0	38·4	41·2	40·0	40·8	40·2	38·2	39·6	38·0	39·4	38·0	37·8	37·0	41·2	10
11	39·6	38·2	32·0	34·0	38·6	37·6	40·0	40·0	37·6	38·4	37·4	38·0	36·0	36·6	35·6	39·0	11
Noon	38·0	38·0	29·8	31.0	34·0	34·0	36·2	38·0	35·0	37·2	36.0	37·6	34·0	34·0	32·8	36·0	Noon
13h	37·6	37·8	30·0	31·2	27·8	29·8	32·6	35·6	32·8	35·6	35·6	37·0	33·0	32·0	29·6	33·6	13h
14	36·4	37·4	32·0	34·0	28·0	28·2	30·2	34·0	30·2	33·6	35·2	36·8	34·0	32·0	28·0	33·4	14
15	34·0	36·0	35·0	36·0	30·0	30·0	30·4	33·0	30·6	33·0	35·0	35·2	33·6	32·4	29·0	33·0	15
16	34·0	35·0	36·0	36·4	33·0	33·2	32·0	33·8	31·6	34·0	34·6	34·2	33·0	33.0	30·0	32·8	16
17	34·2	34·2	36·4	35·8	35·8	35·6	34·0	34·2	33·0	34·2	34·8	35·8	34·0	33·2	32·0	33·4	17
18	34·8	34·6	36·0	35·4	36·0	37·0	36·0	35·6	34·2	35·0	35·0	35·0	34·4	33·8	34·0	34·4	18
19	34·0	35·0	35·8	35·6	36·2	35·8	36·8	36·0	35·0	35·6	35·8	35·6	34·0	34·6	35·0	34·4	19
20	35·0	35·8	35·6	35·6	35·0	36·0	36·4	36·0	34·8	36·0	36·0	36·0	34.4	35·2	35·2	35·2	20
21	35·6	36·0	36·0	35·8	36·2	36·4	37·4	36·2	35·0	36·0	36·8	36·4	35·2	35·4	35·6	35·6	21
22	35·8	35·4	36·0	35·6	36·4	37·2	37·6	36·2	35·6	36·4	37·0	37·0	36·0	35·6	35·8	35·8	22
23	35·8	35·6	36·0	35·8	36·0	37·0	36·8	36·3	35·8	36·8	36·4	37·4	35·8	35·6	36.0	35·8	23

JANUARY 1950—*continued*

Day / Hour	17d	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean.	Day / Hour
									15° +								
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	
Midnight	36·4	37·2	37·2	37·8	37·4	38·2	37·1	37·0	42·6	39·0	38·6	38·6	39·2	39·0	40.0	37·2	Midnight
1h	36·0	38·0	37·6	38·2	37·6	37·8	37·2	37·2	40·2	38·4	38·4	38·4	38·4	38·8	39·0	37·2	1
2	36·2	38·6	37·8	39·2	37·8	37·7	37·4	37·4	40·1	37·0	38·2	38·0	38·0	38·4	39·6	37·3	2
3	36·8	39·8	38·4	39·4	38·4	37·8	38·0	37·6	39·0	37·6	38·8	38·2	38·2	39·0	39·7	37·7	3
4	37.0	40·2	38·6	40·0	39·2	38·0	38·2	38·0	38·0	38·0	39·2	38·4	38·6	38·4	39·8	37·9	4
5	37·8	40·4	39·2	40·6	39·6	38·2	39·2	38·6	38·4	38·6	39·6	38·6	37·8	38·2	40·0	38·4	5
6	38·6	41·2	40·2	40·4	39·0	39·0	40·0	39·6	41·0	39·7	40·0	39·2	37·6	38·6	40·4	39·0	6
7	39·8	42·0	41·2	40·6	39·8	41·0	41·2	41·0	42·4	40·2	41·2	39·7	39·6	41·0	41·2	39·9	7
8	39·4	40·4	42·6	40·0	40·6	42·4	41·0	43·0	43·6	40·8	42·0	39·8	40·8	42·8	43·0	40·5	8
9	37·6	40·0	42·8	39·0	40·8	40·0	41·8	43·2	43·2	40·0	41·6	40·0	40·4	43·0	42·0	40·3	9
10	35·6	38·2	40·8	37·6	39·2	39·8	41·0	42·6	41·6	40·0	39·6	40·6	40·0	41·6	41·0	39·5	10
11	35·2	37·0	38·2	35·6	37·8	37·8	39·6	40·0	40·2	39·8	37·8	40·0	39·4	38·0	38·2	37·8	11
Noon	34·4	35·4	35·4	33·8	36·0	36·0	37·6	38·0	37·8	38·0	35·6	37·8	37·6	36·0	35·6	35·7	Noon
13h	34·2	34·0	32·0	30·0	34·0	34·0	34·0	34·4	36·0	35·4	34·0	36·0	35·6	35·0	33·8	33·7	13h
14	34·0	33·6	30·2	29·0	31·0	32·4	32·0	32·0	34·6	34·0	33·0	34·4	35·4	36·0	33·0	32·8	14
15	33·8	34·0	30·0	28·4	31·2	33·0	31·8	30·6	34·8	34·0	33·4	34·8	35·6	36·4	34·0	33·0	15
16	34·4	34·2	31·8	29·6	32·4	33·0	32·2	32·4	35·2	34·8	34·0	35·6	36·0	36·8	36·0	33·7	16
17	36·0	35·0	34·0	33·0	35·0	33·8	33·0	34·0	35·6	35·6	35·6	36·0	36·4	37·2	38·0	34·8	17
18	37·0	36·0	36·2	36·2	37·0	36·0	34·2	34·6	36·2	38·0	36·8	38·6	37·4	37·8	38·4	35·9	18
19	37·4	36·2	36·4	36·4	37·2	37·0	35·6	35·0	37·4	39·0	37·0	40·2	37·6	37·4	38·6	36·2	19
20	37·2	36·2	36·8	37·0	38·0	37·2	36·0	37·0	37·6	38·8	38·0	40·0	37·8	38·0	38·4	36·6	20
21	37·4	36·8	37·4	38·0	39·6	38·0	36·6	40·6	37·8	39·0	38·4	40·0	38·0	39·4	38·2	37·1	21
22	37·6	36·6	37·6	37·4	38·4	37·4	36·8	41·0	38·4	40·2	38·2	39·8	38·2	39·6	38·0	37·2	22
23	37·8	37·0	37·8	37·2	38·2	37·2	37·0	42·4	38·4	39·6	38·4	39·4	38·6	39·8	38·2	37·3	23

Table IV.—Magnetic Horizontal Force at every Hour of the Day as deduced from the Photographic Records

(The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber)

JANUARY 1950

+ ·22000 (C.G.S. UNIT)

Day / Hour	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day / Hour
Midnight	332	320	321	320	319	320	319	326	329	337	323	312	322	310	313	308	Midnight
1h	312	325	322	324	321	322	322	318	328	338	324	316	319	314	339	311	1h
2	308	327	323	326	319	328	326	319	330	342	327	314	317	315	317	310	2
3	309	329	322	335	310	330	325	322	331	346	328	329	318	317	316	312	3
4	308	330	322	328	311	332	330	323	334	342	340	328	319	322	315	316	4
5	310	331	320	329	314	331	327	329	333	348	337	324	320	327	313	313	5
6	318	332	324	328	320	332	331	334	330	354	338	334	324	334	314	312	6
7	330	333	340	318	322	335	345	346	345	360	350	341	342	328	312	314	7
8	340	340	354	307	321	340	353	348	356	379	356	337	355	334	319	309	8
9	346	358	360	310	335	338	355	350	380	370	350	334	360	350	327	303	9
10	340	300	368	332	352	346	352	348	402	359	360	339	370	340	338	312	10
11	325	354	367	354	370	351	354	340	400	352	368	338	379	341	342	311	11
Noon	320	338	367	338	369	356	355	334	382	335	363	332	375	338	343	311	Noon
13h	311	327	355	327	373	369	350	333	365	324	357	328	360	350	350	308	13h
14	308	318	340	326	364	360	342	331	354	326	344	324	353	360	344	309	14
15	303	313	332	313	352	345	339	327	340	323	337	323	340	370	330	314	15
16	308	312	334	303	338	327	330	321	331	327	324	322	339	354	302	315	16
17	310	313	319	306	320	311	313	322	336	330	313	324	324	340	284	312	17
18	312	316	312	310	314	317	317	323	340	328	307	320	320	328	306	307	18
19	309	317	311	310	316	320	313	324	339	326	308	319	324	313	305	308	19
20	310	318	318	311	317	318	318	324	338	320	309	319	317	307	307	308	20
21	329	320	319	315	315	300	315	327	337	319	311	308	315	320	305	304	21
22	328	321	318	313	320	301	308	328	338	320	313	302	304	312	309	305	22
23	327	320	319	310	324	308	310	330	339	321	317	301	312	317	312	308	23

JANUARY 1950—*continued*

+ ·22000 (C.G.S. UNIT)

Day / Hour	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean.	Day / Hour
Midnight	310	308	16	297	294	297	309	327	238	271	297	302	283	297	290	309	Midnight
1h	314	309	316	282	297	304	306	328	240	277	300	298	285	296	300	310	1h
2	332	308	320	280	301	305	304	331	242	280	298	296	287	299	297	311	2
3	324	313	317	283	307	306	307	342	254	270	300	397	290	300	298	313	3
4	326	315	321	284	310	303	307	329	258	285	290	305	292	304	296	313	4
5	321	317	324	290	311	309	308	330	260	279	300	303	296	307	300	315	5
6	327	323	334	300	316	311	312	332	258	280	304	302	305	312	305	319	6
7	334	333	338	308	327	307	326	345	264	281	320	308	310	318	312	326	7
8	335	329	337	304	326	310	333	347	270	282	328	310	320	313	314	329	8
9	330	326	340	298	320	316	332	328	272	288	337	314	327	314	316	332	9
10	342	324	350	299	326	312	327	329	274	292	335	322	320	317	321	336	10
11	338	338	358	298	329	315	335	332	285	306	334	320	318	311	325	338	11
Noon	334	340	347	280	310	308	338	330	282	294	332	319	327	304	326	333	Noon
13h	330	339	345	282	314	298	327	325	274	290	324	310	330	290	323	329	13h
14	320	335	340	284	313	304	328	310	268	283	315	300	324	282	320	323	14
15	319	327	328	286	294	292	322	318	260	282	307	292	312	281	310	317	15
16	318	320	316	280	275	295	318	318	254	284	301	280	310	284	307	311	16
17	315	319	310	258	288	298	317	315	252	290	290	278	302	290	304	306	17
18	310	312	311	249	287	300	318	317	251	282	289	274	303	291	302	306	18
19	311	308	313	252	297	301	322	300	258	278	290	272	304	296	298	305	19
20	310	308	309	264	300	304	324	275	264	277	297	270	306	297	300	305	23
21	309	307	300	252	290	307	321	260	263	280	302	280	307	290	302	304	22
22	312	311	309	270	298	308	322	248	262	276	298	278	305	291	310	304	21
23	307	313	300	280	293	309	325	240	270	284	297	279	300	292	315	306	20

Table V.—Magnetic Vertical Force at every Hour of the Day as deduced from the Photographic Records

(The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber)

JANUARY 1950

Day / Hour	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day / Hour
								+ ·30000 (C.G.S. UNIT)									
Midnight	361	368	369	367	370	369	372	370	370	370	369	369	366	367	369	367	Midnight
1h	360	368	368	367	369	368	371	370	370	370	369	369	367	369	366	367	1h
2	362	367	368	367	368	367	371	369	370	370	368	369	367	368	367	367	2
3	362	367	369	366	369	367	371	369	370	370	369	366	368	368	368	367	3
4	364	368	370	368	369	366	370	369	370	369	366	368	368	369	368	367	4
5	366	371	370	368	370	367	372	369	369	368	367	369	369	369	368	368	5
6	368	373	373	371	372	368	371	370	369	368	369	369	369	370	369	369	6
7	367	376	372	377	374	370	368	371	370	366	369	369	364	371	370	372	7
8	366	375	370	382	381	376	369	372	368	367	370	367	362	370	369	376	8
9	364	373	363	376	382	378	370	376	369	366	368	368	364	369	361	378	9
10	371	365	355	364	380	381	366	378	368	365	368	363	365	363	360	372	10
11	369	360	343	351	376	372	361	377	366	363	365	357	367	360	356	361	11
Noon	365	359	339	342	362	356	356	372	360	362	360	358	363	354	348	350	Noon
13h	362	361	342	340	348	345	350	361	354	357	360	356	365	347	344	344	13h
14	361	363	351	352	346	346	350	356	355	350	363	354	366	340	347	343	14
15	358	367	359	359	354	352	354	357	359	351	367	357	368	342	350	340	15
16	356	368	363	359	362	360	360	359	362	355	366	359	362	349	356	350	16
17	358	369	366	358	366	364	368	362	364	357	365	359	363	351	362	352	17
18	363	367	367	360	368	368	371	366	364	360	367	359	366	355	365	358	18
19	366	367	367	360	367	366	369	367	362	361	366	360	362	360	365	363	19
20	370	368	367	362	367	367	368	367	363	363	366	362	363	362	367	364	20
21	368	369	368	367	368	370	369	368	365	365	367	364	364	364	368	365	21
22	367	369	369	368	369	372	372	369	367	367	368	366	368	365	368	367	22
23	367	369	368	370	369	373	372	370	369	369	368	367	367	367	367	367	23

JANUARY 1950—*continued*

Day / Hour	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean.	Day / Hour
								+ ·30000 (C.G.S. UNIT).									
Midnight	367	367	364	366	373	376	369	368	—	—	377	375	376	373	375	370	Midnight
1h	367	368	364	367	373	372	369	368	—	—	377	376	375	373	371	369	1h
2	366	367	363	369	373	371	369	368	—	—	376	377	375	373	373	369	2
3	365	368	363	369	372	370	369	367	—	380	375	377	374	373	373	369	3
4	366	368	364	369	370	370	368	365	—	377	377	377	374	374	374	369	4
5	367	368	364	370	370	370	369	368	—	379	377	377	373	374	374	370	5
6	369	369	366	370	370	370	370	367	—	379	378	378	374	375	376	371	6
7	370	367	370	369	369	373	373	370	—	380	380	377	378	381	380	372	7
8	370	361	373	368	373	376	372	375	—	—	379	376	380	374	382	372	8
9	368	358	373	366	377	373	370	372	—	—	370	374	376	368	380	371	9
10	365	356	361	368	376	373	370	363	—	—	366	373	372	360	362	367	10
11	364	355	352	367	376	370	364	360	378	—	367	372	363	352	352	363	11
Noon	359	352	346	360	378	365	355	355	376	—	369	370	357	350	350	358	Noon
13h	356	347	340	354	378	360	354	347	371	—	364	363	358	351	350	354	13h
14	353	343	340	351	377	360	353	346	369	—	367	361	362	356	352	354	14
15	356	347	343	354	376	360	354	347	372	—	369	366	371	360	356	358	15
16	358	350	347	362	377	364	357	351	374	—	373	370	374	363	363	361	16
17	362	356	353	370	376	365	300	357	373	379	376	372	375	369	369	364	17
18	364	359	358	370	377	366	362	360	377	382	379	376	375	372	371	366	18
19	363	360	359	371	376	366	363	362	378	381	377	377	374	371	370	366	19
20	363	361	359	372	373	367	364	368	379	379	376	378	373	370	370	367	20
21	366	363	361	376	376	369	365	—	379	378	374	377	374	374	370	368	21
22	367	364	364	377	375	369	366	—	380	381	373	376	374	375	369	369	22
23	367	364	365	374	376	369	367	—	—	379	374	376	374	375	369	370	23

Table VI.—Results of Meteorological Observations made at the Aerological Station, Vacoas (424.5 metres above mean sea-level) during the Month of January, 1950

Month and days 1950	Observations at 10 a.m.									Temperature of the Air							Rainfall		Duration of Bright Sunshine	Percentage of Possible Sunshine
	Atmospheric Pressure	Temperature of the Air	Excess of Air Temperature over Evaporation Temperature	Temperature of the Dew Point	Relative Humidity (Sat 100)	Vapour Pressure	Wind Direction	Wind Velocity	Amount of Cloud (Scale 0—8)	3h	9h	15h	21h	Daily Maximum	Daily Minimum	Daily Range	Amount recorded by the Casella Pluviograph	Duration		
JAN.	mbs.	°C	°C	°C	%	mbs.	°	m.p.s.		°C	°C	°C	°C	°C	°C	°C	mms.	mins.	hrs	%
1	966·5	25·4	4·5	18·5	65	21·3	90	3·1	5	20·8	24·2	27·8	22·4	28·1	20·3	7·8	0·0	0	9·2	69
2	964·7	26·9	5·9	17·6	57	20·1	70	3·6	3	22·4	26·0	27·0	22·3	28·2	22·1	6·1	0·0	0	7·7	58
3	964·0	26·6	4·2	20·3	68	23·8	60	2·2	6	21·4	26·1	22·9	21·8	28·2	21·0	7·2	49·6	225	3·7	28
4	964·9	26·5	4·6	19·6	66	22·8	60	4·0	4	20·8	25·4	27·9	22·5	27·9	20·5	7·4	0·0	0	11·8	89
5	965·6	23·0	1·1	21·3	90	25·3	85	4·5	8	22·3	23·7	26·5	21·3	26·6	22·3	4·3	0·9	15	6·1	46
6	965·3	25·9	4·6	18·8	65	21·7	70	4·5	7	20·0	25·3	26·2	20·6	27·2	19·8	7·4	0·0	0	9·5	72
7	964·9	25·7	3·6	20·3	72	23·8	90	4·0	7	20·5	26·0	26·7	21·7	27·5	20·3	7·3	0·0	0	9·0	68
8	965·5	24·4	2·1	21·1	82	25·0	60	6·7	7	20·6	24·0	22·8	21·0	26·6	20·0	6·6	0·6	5	6·4	48
9	965·2	24·9	2·9	20·3	75	23·8	70	7·6	7	21·0	24·4	25·5	22·0	26·7	20·9	5·8	0·8	5	6·6	50
10	964·5	22·7	0·8	21·5	93	25·6	90	7·2	8	21·5	23·5	24·5	22·6	25·0	21·0	4·0	3·4	40	1·3	10
11	964·0	22·7	0·6	21·8	95	26·1	90	6·7	8	22·0	22·5	23·0	22·0	23·5	22·0	1·5	16·7	165	0·0	0
12	959·9	22·8	0·6	21·9	95	26·3	70	8·9	8	20·5	22·6	22·7	22·3	24·4	20·5	3·9	86·9	515	0·2	1
13	956·4	23·3	1·0	21·8	91	26·1	15	12·1	8	23·0	23·0	23·2	22·5	23·6	21·9	1·7	43·0	150	0·0	0
14	959·9	22·9	0·4	22·3	97	27·0	305	8·9	8	22·3	22·4	21·6	22·5	24·0	22·3	1·7	17·5	115	0·5	4
15	960·3	23·5	0·7	22·5	94	27·3	315	4·5	8	22·3	22·8	25·8	23·7	26·7	22·0	4·7	1·7	10	7·1	54
16	960·8	24·3	0·9	23·0	93	28·1	340	3·6	8	23·0	23·5	25·6	23·9	27·0	22·2	4·8	4·8	15	2·1	16
17	961·8	25·3	1·6	23·0	87	28·1	305	2·7	8	23·1	25·0	27·7	24·5	28·8	22·8	6·0	1·0	5	7·1	54
18	963·0	24·9	1·4	22·9	89	27·9	305	1·8	8	24·2	24·7	27·9	22·3	28·6	24·0	4·6	3·9	40	8·7	66
19	963·0	28·4	4·1	22·4	70	27·1	Calm		6	22·1	27·8	22·9	22·9	28·8	22·0	6·8	32·8	115	5·4	41
20	963·8	23·8	1·0	22·3	92	27·0	55	1·8	7	22·3	23·2	24·9	22·3	26·6	21·9	4·7	3·0	25	6·4	49
21	963·2	25·1	1·9	22·3	85	27·0	110	5·4	6	22·1	24·4	26·6	22·3	27·0	22·0	5·0	0·0	0	10·5	80
22	961·7	26·0	3·0	21·5	76	25·6	90	4·0	7	22·0	25·1	24·6	23·1	27·5	21·8	5·7	1·7	20	3·2	24
23	963·5	27·4	3·8	21·7	71	26·0	70	3·6	4	23·0	27·0	25·8	22·7	28·8	23·0	5·8	0·1	5	8·2	63
24	964·9	26·7	3·8	21·0	71	24·9	90	4·5	4	22·0	25·7	27·4	23·8	28·0	22·0	6·0	0·0	0	11·6	89
25	964·7	24·4	1·5	23·2	88	26·8	110	4·5	7	23·6	24·2	26·5	22·0	27·6	23·6	4·0	0·8	5	10·2	78
26	963·3	26·9	4·1	20·7	69	24·4	110	3·1	3	21·0	26·4	26·9	21·7	28·1	20·9	7·2	0·0	0	11·6	89
27	961·1	25·9	3·3	21·0	75	24·9	170	2·2	5	20·0	25·4	28·1	22·5	29·0	19·9	9·1	0·0	0	12·1	94
28	962·5	26·6	3·3	21·7	75	26·0	270	1·3	7	21·3	26·2	27·5	21·8	28·9	21·2	7·7	0·0	0	10·0	77
29	965·5	26·9	4·2	20·6	68	24·2	Calm		5	18·5	26·0	28·2	22·7	28·9	18·4	10·5	0·0	0	7·1	55
30	965·5	27·9	5·4	19·7	61	23·0	Calm		4	18·6	27·1	25·9	22·1	29·4	18·3	11·1	26·0	140	5·3	41
31	962·7	27·3	3·9	21·5	71	25·6	90	2·7	6	21·8	26·5	25·8	21·5	28·6	21·6	7·0	22·5	95	5·4	41
Mean	963·3	25	2·7	21·2	78·9	25·2	—	4·2	6·3	21·1	24·8	25·7	22·4	27·3	21·4	5·9	317·7	1710	6·58	50·1
Average	964·4	25·0	2·6	21·0	79·0	24·9	—	3·5	7·3	—	—	—	—	27·1	20·6	6·5	310·5	2973	6·69	50·9
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

EXCESS OF CERTAIN ELEMENTS AT PAMPLEMOUSSES OVER THE CORRESPONDING ELEMENTS AT VACOAS

Atmospheric Pressure	+	40·8 mbs	Amount of rain	—	191·1 mms
Temperature of the Air	+	—°C	Duration of Bright Sunshine	+	55·1 hrs.
Vapour Pressure	+	—mbs	Mean of Maximum temperatures	+	3·2°C
Relative Humidity	—	—%	,, Minimum temperature	+	0·9°C
Velocity of Wind	+	0·0 mps.	Absolute Maximum temperature	+	3·7°C
			Minimum temperature	+	0·7°C

Table VII.—Daily Results of Meteorological Observations made during the month of January, 1950

Month and Day 1949	Atmospheric Pressure		Temperature of the Air					Excess of Air Temp. over Evaporation Temp.	Temperature of the Dew Point		Relative Humidity (Saturation=100)		Vapour Pressure	Minimum on the Grass
	Mean	Excess above Average	Daily Maximum	Daily Minimum	Daily Range	Mean	Excess above Average		Mean	Excess above Average	Mean	Excess above Average		
JAN.	mbs.	mbs.	°C	°C	°C	°C	°C	°C	°C	°C	%	%	mbs	°C
1	1005·8	− 0·7	30·6	22·6	8·0	26·2	+ 0·5	5·0	18·5	− 2·7	62	− 14	21·1	20·6
2	1004·6	− 1·8	33·1	22·5	10·6	27·4	+ 1·7	4·8	20·2	− 1·0	64	− 12	23·6	19·7
3	1004·4	− 1·9	32·4	21·8	10·6	26·7	+ 1·0	3·7	21·2	0·0	72	− 4	25·1	19·0
4	1005·2	− 1·1	31·5	22·6	8·9	26·6	+ 0·8	4·8	19·2	− 2·1	64	− 13	22·1	19·0
5	1005·6	− 0·6	29·5	22·9	6·6	25·8	0·0	3·3	20·8	− 0·7	74	− 3	24·7	20·0
6	1005·0	− 1·2	30·8	21·3	9·5	25·6	− 0·2	5·1	17·5	− 3·0	61	− 16	20·0	18·0
7	1004·9	− 1·2	30·9	23·0	7·9	26·5	+ 0·7	4·8	19·0	− 2·5	63	− 15	21·9	21·0
8	1005·4	− 0·6	30·0	22·7	7·3	25·9	+ 0·1	3·7	20·3	− 1·3	71	− 7	23·8	20·4
9	1005·5	− 0·4	29·7	24·2	5·5	26·5	+ 0·7	4·6	19·5	− 2·1	65	− 13	22·6	22·4
10	1004·5	− 1·4	28·5	25·0	3·5	26·3	+ 0·4	4·1	20·0	− 1·7	69	− 9	23·5	23·7
11	1002·7	− 3·1	26·8	24·5	2·3	25·3	− 0·6	1·6	23·0	+ 1·1	87	+ 8	28·1	23·4
12	998·7	− 7·0	26·8	22·6	4·2	24·3	− 1·6	0·8	23·1	+ 1·2	93	+ 14	28·3	21·9
13	996·0	− 9·6	28·5	24·0	4·5	25·9	0·0	1·2	24·2	+ 2·3	90	+ 11	30·2	23·3
14	999·6	− 5·9	27·6	25·4	2·2	26·1	+ 0·2	1·8	23·5	+ 1·6	85	+ 6	28·9	24·1
15	1000·2	− 5·3	30·1	25·0	5·1	27·1	+ 1·2	2·4	23·7	+ 1·8	82	+ 3	29·3	24·5
16	1000·7	− 4·7	31·0	25·1	5·9	27·6	+ 1·7	2·0	24·7	+ 2·7	85	+ 6	31·2	23·0
17	1001·5	− 3·8	31·5	24·8	6·7	27·7	+ 1·8	2·4	24·3	+ 2·2	82	+ 3	30·4	22·8
18	1001·9	− 3·3	31·8	24·0	7·8	27·5	+ 1·6	2·4	24·1	+ 2·0	82	+ 3	30·0	22·2
19	1003·1	− 2·0	31·5	23·0	8·5	26·9	+ 0·9	2·5	23·2	+ 1·1	81	+ 1	28·5	21·0
20	1003·8	− 1·2	30·5	23·7	6·8	26·7	+ 0·7	3·5	21·5	− 0·7	73	− 7	25·6	21·2
21	1003·3	− 1·6	30·2	24·7	5·5	27·1	+ 1·1	3·3	22·3	+ 0·1	75	− 5	26·9	21·6
22	1002·3	− 2·6	32·5	24·7	7·8	28·2	+ 2·2	3·4	23·4	+ 1·3	74	− 6	28·7	23·0
23	1003·7	− 1·1	31·7	24·1	7·6	27·5	+ 1·5	3·7	22·1	− 0·1	72	− 8	26·5	22·0
24	1005·3	+ 0·5	30·3	24·0	6·3	26·7	+ 0·7	3·3	21·9	− 0·4	75	− 5	26·3	22·2
25	1004·7	− 0·1	29·8	24·5	5·3	26·7	+ 0·7	3·1	22·2	− 0·1	76	− 4	26·7	22·5
26	1002·9	− 1·8	30·8	22·8	8·0	26·4	+ 0·4	4·0	20·3	− 2·0	70	− 10	23·9	19·0
27	1000·7	− 4·0	31·4	19·1	12·3	24·9	− 1·1	1·7	22·3	0·0	86	+ 6	26·9	16·5
28	1002·8	− 1·8	31·8	22·0	9·8	26·5	+ 0·5	2·7	22·5	+ 0·2	79	− 1	27·3	19·4
29	1005·7	+ 1·1	31·1	21·2	9·9	25·7	− 0·2	3·1	21·1	− 1·1	76	− 4	25·0	19·9
30	1004·6	0·0	31·4	21·1	10·3	25·9	0·0	2·6	22·0	− 0·3	80	0	26·4	18·1
31	1002·9	− 1·6	31·1	23·1	8·0	26·7	+ 0·8	2·9	22·4	+ 0·2	77	− 3	27·4	21·4
Mean	1003·2	− 2·2	30·5	23·3	7·2	26·5	+ 0·6	3·2	21·7	− 0·2	75·6	− 3·2	26·1	21·2
Aver.	1005·4	—	29·8	22·6	7·2	25·9	—	2·7	21·9	—	78·8	—	26·3	20·4
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14

GENERAL WEATHER CONDITIONS DURING THE MONTH OF JANUARY, 1950

Three cyclones were reported. The first formed 200 miles to the south of Agalega on January 3–4th and moved slowly west-south-west and then very slowly south-west from the 6th to the 10th. Recurving it moved south-south-east and south-east towards Reunion, the centre reaching the north of the island early on the 13th. After an irregular course along the west of Reunion it moved away south-south-east and south-east at a speed increasing to 20 knots. At Reunion it was intense, pressure falling to 982 millibars and the mean wind speed reaching about 80 m.p.h.

The second cyclone formed to the east-north-east of Rodrigues and was centred on January 26th at a distance of 300 miles from that island. It moved slowly south-south-west and south-west the centre passing 150 miles east-south-east of Rodrigues on the 27th: it then recurved and began to move more rapidly south-south-east. It was of rather moderate intensity. The wind at Rodrigues did not reach gale force.

A cyclone was reported to be centred towards the south of the Mozambique Channel on the 31st January. No details are available.

Table VII *contd.*—Daily Results of Meteorological Observations made during the month of January, 1950

Month and Day 1950	Rainfall: Amount recorded by the Dines Pluviograph	Rainfall: Duration	Amount of Evaporation	Duration of Bright Sunshine	Percentage of Possible Sunshine	Observed Wind Velocity: Mean	Observed Wind Velocity: Excess above Average	Temperature of the Soil: 10 Feet	5 Feet	2 Fee	12 Inches
JANUARY	mms.	min.	mms.	hrs.	%	m.p.s.	m p.s.	°C.	°C.	°C.	°C.
1	2·4	50	8·0	12·4	93	3·3	0·0	24·4	25·6	27·7	29·6
2	0·0	—	10·0	9·3	70	2·9	— 0·4	24·5	25·8	27·8	29·8
3	0·0	—	6·4	10·4	78	2·5	— 0·8	24·5	25·7	27·8	29·4
4	0·0	—	9·0	12·5	94	2·9	— 0·4	24·5	25·5	27·8	29·5
5	5·5	40	9·2	8·5	64	2·9	— 0·5	24·5	25·9	28·0	29·8
6	0·0	—	9·3	10·7	81	3·1	— 0·3	24·5	25·7	28·0	29·3
7	1·6	20	9·1	9·7	74	3·6	+ 0·2	24·5	25·6	28·0	29·4
8	0.2	10	7·6	5·6	42	3·6	+ 0·2	24·5	26·0	28·0	29·6
9	0·0	—	9·0	2·3	17	4·6	+ 1·2	24·5	25·7	28·0	29·4
10	0·0	—	9·6	0·0	0	5·2	+ 1·8	24·4	25·6	27·9	29·2
11	10·7	230	3·4	1·0	8	4·9	+ 1·5	24·4	25·5	27·9	28·8
12	82·6	645	4·2	0·0	0	5·8	+ 2·4	24·6	26·0	27·8	27·8
13	11·2	100	7·6	2·7	21	8·2	+ 4·8	24·3	25·8	27·4	27·3
14	3·7	60	3·3	8·9	67	5·9	+ 2·5	24·2	25·6	27·3	27·6
15	0·2	5	4·0	6·5	49	3·7	+ 0·3	24·7	26·1	28·1	27·7
16	0·1	5	5·4	11·5	87	3·2	— 0·2	24·7	26·3	27·1	28·3
17	0·0	—	7·4	10·7	82	2·0	— 1·4	24·7	26·1	27·3	28·7
18	0·0	—	6·8	5·4	41	2·1	— 1·3	24·7	26·1	27·5	29·2
19	0·7	15	7·0	9·3	71	1·5	— 1·9	24·7	26·1	27·8	29·5
20	0·0	—	3·7	11·9	91	3·7	+ 0·3	24·7	26·1	27·8	29·3
21	0·0	—	9·0	8·0	61	4·5	+ 1·1	24·8	26·1	28·0	29·4
22	1·4	15	9·2	10·6	81	3·1	— 0·3	24·7	25·9	28·1	29·6
23	0·6	10	6·6	11·8	90	2·7	— 0·7	24·7	26·1	28·1	29·6
24	0·0	—	8·2	8·5	65	3·7	+ 0·3	24·8	26·1	28·2	29·9
25	2·6	20	6·9	11·8	90	4·0	+ 0·6	24·8	26·1	28·3	30·0
26	0·0	—	8·0	9·8	75	3·1	— 0·3	24·8	26·2	28·3	29·6
27	0·0	—	10·0	13·6	97	2·4	— 1·0	24·8	26·1	28·3	29·5
28	0·0	—	7·4	11·6	89	2·3	— 1·1	24·8	26·2	28·3	29·4
29	0·0	—	8·8	8·7	67	2·2	— 1·2	24·8	26·2	28·3	29·7
30	2·4	40	8·6	7·6	59	1·7	— 1·7	24·7	26·1	28·3	30·1
31	0·7	25	4·5	8·8	68	2·3	— 1·1	24·7	26·0	28·5	29·9
Mean	Sum 126·6	Sum 1290	7·3	8·36	63·6	3·47	+ 0·08	24·61	25·93	27·57	29·22
Average	215·4	1959	5·9	7·73	58·8	3·39	—	—	—	—	—
Column	15	16	17	18	19	20	21	22	23	24	25

MEANS AND EXTREMES OF CERTAIN METEOROLOGICAL ELEMENTS DURING THE MONTH OF JANUARY, 1950

Element	*Highest*			*Date*	*Lowest*			*Date*
Atmospheric Pressure	1007·4mbs	at	22·00 hrs.	on 29th	994·4 mbs	at	14·00 hrs.	on 13th
Temperature of the Air	33·1°C	„	—	„ 2nd	19·1°C	„	—	„ 27th
Daily range of temperature of the Air	12·3°C	„	—	„ 27th	2·2°C	„	—	„ 14th
Temperature of the Dew Point ...	24·7°C	„	—	„ 16th	17·5	„	—	„ 6th
Daily range of temperature of the Dew Point	—	„	—	„ —	—	„	—	„ —
Minimum on Grass	—	„	—	„ —	16·5°C	„	—	„ 27th
Relative Humidity	93%	„	—	„ 12th	61%	„	—	„ 6th
Vapour Pressure	31·2mbs	„	—	„ 16th	20·0mbs	„	—	„ 6th
Evaporation in 24 hours	10·0mms	„		„ 2nd & 27th	3·3mms.	„	—	„ 14th
Wind Velocity	10·8mps	„	14·00 hrs.	„ 13th	—	„	—	„ —
Rainfall in 24 hours	82·6mms ending 24·00 hrs.			„ 12th	—	„	—	„ —
Duration of Sunshine	12·6hrs.		—	„ 27th	0·0 hr.	„	—	„ 10th & 12th

NUMBER OF DAYS OF

Rainfall: mms. 0·1—0·9	mms. 1·0—4·9	mms. 5·0—9·9	mms. 10·0—24·9	mms. 25·0—39·9	mms. 40·0—54·9	mms. 55·0 & over	Lightning	Thunderstorm
6	6	1	2	—	—	1	—	—

Table VIII. – Barogram

JANUARY 1950

Day / Hour	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day / Hour
The initial 10 or 9 is omitted. The unit in the table is 0·1 millibar.																	
Midnight	073	055	047	049	062	062	062	061	062	054	047	008	973	980	013	006	Midnight
1h	067	052	044	046	056	060	053	056	055	046	041	001	963	976	011	003	1
2	064	047	041	042	048	051	044	046	052	042	029	998	961	974	004	000	2
3	058	044	036	041	048	046	041	042	046	039	023	994	951	974	998	996	3
4	058	044	035	041	048	047	036	042	046	038	023	988	950	970	994	996	4
5	057	045	041	045	053	053	042	044	050	038	030	993	946	974	992	998	5
6	058	051	044	050	054	055	045	052	055	043	038	002	960	985	997	003	6
7	064	053	046	055	058	055	050	060	061	048	043	004	965	996	004	010	7
8	065	053	046	058	061	055	050	061	062	051	044	005	964	002	007	016	8
9	065	052	045	059	062	051	053	063	063	053	047	004	963	004	010	015	9
10	068	050	045	058	062	050	056	063	063	053	048	002	955	004	007	014	10
11	066	049	044	056	061	046	054	060	062	050	041	994	954	003	004	010	11
Noon	062	044	043	055	059	045	047	056	056	050	037	990	955	999	003	007	Noon
13h	056	043	042	053	056	044	044	050	054	044	027	986	952	995	000	004	13h
14	050	042	036	045	050	041	042	046	049	042	024	982	944	994	995	001	14
15	045	040	034	044	045	035	042	043	044	035	017	976	945	990	993	996	15
16	043	032	033	042	044	030	042	042	039	030	012	967	946	985	985	995	16
17	043	032	034	044	047	036	043	043	042	033	008	964	946	992	986	999	17
18	045	036	043	046	052	042	045	046	048	035	013	966	959	001	993	003	18
19	054	042	049	059	057	045	050	055	061	044	016	978	966	004	000	010	19
20	059	045	056	068	062	055	057	064	062	053	017	978	975	014	005	014	20
21	062	047	061	065	064	063	061	065	062	052	016	982	982	021	009	022	21
22	063	054	062	067	059	063	063	068	061	054	017	981	984	024	018	025	22
23	062	054	057	065	064	063	062	067	060	057	017	980	982	022	015	024	23

JANUARY 1950—*continued*

Day / Hour	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean.	Day / Hour
The initial 10 or 9 is omitted. The unit in the table is 0·1 millibar.																	
Midnight	023	023	034	042	044	036	034	055	063	055	024	010	056	070	040	1003.9	Midnight
1h	015	017	029	040	036	030	033	047	055	048	022	004	052	062	034	1003·4	1
2	010	013	028	035	034	024	027	046	049	042	014	003	047	059	028	1002·9	2
3	008	009	025	032	028	022	026	044	041	039	007	003	046	056	023	1002·5	3
4	006	006	022	031	026	014	024	043	040	033	005	004	045	054	022	1002·4	4
5	008	007	025	028	026	014	023	044	040	032	004	005	052	054	023	1002·5	5
6	013	014	035	035	027	020	026	046	050	033	010	011	055	060	024	1003·1	6
7	015	021	041	042	034	025	028	054	048	035	016	020	063	062	030	1003·6	7
8	021	022	040	042	035	026	033	056	051	039	016	023	064	062	034	1003·8	8
9	024	023	035	043	038	026	038	061	054	041	016	025	068	059	035	1003·8	9
10	024	024	034	045	040	034	042	062	054	036	014	032	070	059	034	1003·8	10
11	023	023	029	044	040	025	042	059	052	034	009	029	066	050	033	1003·6	11
Noon	020	018	025	041	041	023	043	054	045	028	006	029	063	043	030	1003·3	Noon
13	015	014	022	037	036	021	038	048	042	023	002	027	056	039	023	1002·9	13h
14	010	008	022	032	033	021	035	047	036	016	996	027	049	032	016	1002·5	14
15	005	005	017	028	027	014	033	047	033	010	991	026	044	028	016	1002·1	15
16	003	005	018	024	024	014	030	047	032	009	989	027	043	030	016	1001·9	16
17	002	006	021	027	023	014	032	049	034	009	990	033	044	027	020	1002·0	17
18	006	016	026	034	024	015	036	050	041	011	996	043	051	027	024	1002·5	18
19	014	021	032	040	027	020	042	056	043	021	003	050	059	029	030	1003·1	19
20	016	027	037	042	034	024	047	061	050	024	004	053	064	036	033	1003·7	20
21	022	034	043	043	037	026	054	063	057	026	008	059	066	041	039	1004·0	21
22	024	041	044	048	042	030	056	066	061	028	013	058	074	042	042	1004·3	22
23	025	041	044	049	043	039	059	065	061	027	014	058	073	042	041	1004·3	23

Table IX—Duration of Bright Sunshine at the Aerological Station, Vacoas by the Campbell Stokes Sunshine Recorder

JANUARY 1950

Day / Hour Ending	d 1	d 2	d 3	d 4	d 5	d 6	d 7	d 8	d 9	d 10	d 11	d 12	d 13	d 14	d 15	d 16	d 17	d 18	d 19	d 20	d 21	d 22	d 23	d 24	d 25	d 26	d 27	d 28	d 29	d 30	d 31	Total Hours
	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m	m.	m.	m.	m.	m.	m.	
6h	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0·1
7	39	50	0	56	25	17	5	1	9	0	0	0	0	0	0	0	4	45	55	0	10	2	45	36	28	35	48	56	12	57	51	11·4
8	60	34	30	60	60	50	60	32	27	14	0	0	0	1	15	4	35	39	60	0	18	17	60	50	35	60	60	60	53	60	60	18·6
9	60	60	53	60	45	60	60	29	42	19	0	0	0	0	16	3	45	19	60	27	52	41	60	60	18	60	60	41	53	60	60	20·4
10	60	60	60	60	6	60	60	30	60	19	0	0	0	0	26	10	45	32	60	12	60	30	60	60	34	60	60	23	57	60	60	20·4
11	60	60	34	60	2	60	60	50	60	11	0	10	0	0	44	18	54	22	22	29	60	35	60	60	60	60	60	60	60	36	60	21·1
Noon	60	60	44	60	0	60	60	60	60	12	0	0	0	12	53	2	29	60	22	18	60	35	60	60	60	60	60	25	60	30	27	20·2
13	60	56	3	60	20	52	60	36	49	0	0	0	0	1	60	9	54	46	0	23	60	0	45	60	60	60	60	45	60	3	4	17·4
14	20	42	0	60	9	21	56	46	60	0	0	0	0	8	58	18	38	27	0	60	60	0	0	60	60	60	60	52	54	0	0	15·5
15	0	8	0	60	49	54	47	45	31	4	0	0	0	4	41	4	55	60	6	37	60	6	0	60	60	60	60	41	0	0	0	14·2
16	5	29	0	60	60	54	36	32	0	0	0	0	0	1	56	33	31	60	15	53	60	15	0	53	50	60	60	53	9	0	0	14·9
17	52	0	0	53	43	53	35	15	0	0	0	0	0	0	44	23	34	60	26	60	60	9	50	60	60	60	60	60	6	15	0	15·6
18	60	0	0	59	48	26	2	7	0	0	0	0	0	0	13	0	0	54	0	60	60	0	52	60	60	52	60	60	0	0	0	12·2
19	18	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	6	12	0	0	16	18	12	16	19	0	0	0	2·0

The Total Amount of Registered Sunshine was 204·0 hrs. and the total possible Sunshine was 407·6 hrs.

Table X.—Duration of Bright Sunshine at the Royal Alfred Observatory by the Campbell Stokes Sunshine Recorder

JANUARY 1950

Day / Hour Ending	d 1	d 2	d 3	d 4	d 5	d 6	d 7	d 8	d 9	d 10	d 11	d 12	d 13	d 14	d 15	d 16	d 17	d 18	d 19	d 20	d 21	d 22	d 23	d 24	d 25	d 26	d 27	d 28	d 29	d 30	d 31	Total Hours
	m.	m.	m.	m.	m.	m.	m.	m	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	
6h	5	3	0	0	6	0	0	0	0	0	0	0	0	0	0	0	10	25	0	0	0	20	12	0	0	16	15	0	20	0	0	2·2
7	60	50	58	55	42	35	20	2	0	0	0	0	0	26	10	30	50	60	16	50	12	60	35	10	50	58	60	55	60	22	35	17·0
8	60	60	60	60	45	50	60	55	17	0	0	0	0	55	10	45	30	60	12	55	35	60	60	45	60	60	60	60	60	55	60	22·5
9	60	60	55	60	55	60	60	55	29	0	0	0	0	11	13	55	20	60	60	60	60	60	60	50	60	50	60	60	60	60	60	23·5
10	60	60	55	60	30	23	60	22	45	0	14	0	0	50	5	60	50	60	60	60	60	60	60	5	60	60	60	60	27	60	60	22·5
11	60	60	55	60	0	60	60	37	0	0	45	0	0	55	50	60	60	11	55	60	55	60	60	2	60	60	60	60	40	60	60	22·7
Noon	60	60	60	60	45	55	60	45	45	0	3	0	0	36	21	60	60	19	0	45	60	60	60	25	60	60	60	60	55	50	60	22·4
13h	60	50	60	60	15	60	60	35	0	0	0	0	0	46	60	60	60	0	60	60	60	60	60	60	60	60	60	60	60	60	60	23·5
14	60	0	60	60	60	60	60	40	0	0	0	0	32	45	43	60	60	3	50	60	11	57	60	60	60	29	60	60	60	59	60	22·1
15	60	35	60	60	60	60	60	15	2	0	0	0	32	60	60	60	60	0	50	60	0	26	60	60	60	26	60	60	25	25	58	20·9
16	60	35	55	60	60	60	55	0	0	0	0	0	47	60	40	60	60	15	60	60	35	16	60	60	60	58	60	60	0	1	18	20·3
17	60	35	50	60	58	60	13	29	0	0	0	0	40	55	60	60	60	5	60	60	50	50	60	60	40	27	60	55	17	1	0	19·7
18	60	45	0	60	30	50	16	0	0	0	0	0	10	36	20	60	50	10	60	60	45	45	60	60	60	22	55	20	35	1	0	16·2
19	16	5	0	35	1	12	0	0	0	0	0	0	0	0	0	16	10	0	15	20	0	0	0	15	20	0	26	25	1	0	0	3·6

The Total Amount of Registered Sunshine was 259·1 hrs. and the total possible sunshine was 407·6 hrs.

Table XI.—Direction and Velocity of the Wind at every Hour of the Day as recorded by the Robinson Cup Anemometer during January, 1950

The directions are given in points and the values indicate the direction from which the wind blows counting from North 32, East 8, South 16 and West 24

The Velocities are given in Metres per Second, using the factor 2·2

*(The days on which the Normal Trade-Winds are interrupted are indicated by an asterisk *).*

JANUARY 1950

Day	1d.		2d.		3d.		4d.		5d.		6d.		7d.		8d.		9d.		10d.		11d.		12d.		13d. *		14d. *		15d. *		16d. *	
Hour	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
Midnight	08	2·3	10	2·7	06	1·3	07	1·6	08	2·2	07	1·8	10	2·7	08	2·8	09	3·2	08	4·3	08	5·8	06	4·9	03	6·4	26	6·2	25	4·7	31	0·7
1h	07	2·1	10	2·6	06	1·1	07	1·7	08	2·6	10	1·8	10	2·8	08	2·5	08	3·6	08	4·2	07	5·5	05	4·4	02	6·0	27	7·2	25	4·4	31	1·5
2	08	2·8	10	2·3	06	1·0	08	1·5	08	1·8	10	2·0	10	3·1	08	2·2	08	3·0	08	4·2	08	5·6	06	5·4	02	6·3	26	7·5	26	4·2	28	2·1
3	10	1·8	10	2·5	07	1·3	08	1·8	08	2·2	10	2·0	10	3·8	08	2·8	08	3·0	08	5·1	08	4·5	06	4·6	02	7·5	28	7·3	26	4·1	30	2·3
4	07	1·5	10	2·9	07	1·2	08	2·2	08	2·2	10	1·8	10	2·4	08	2·3	07	3·1	08	4·8	06	4·9	06	5·5	01	6·8	26	7·4	25	3·5	28	2·3
5	10	2·7	10	2·4	07	1·1	08	2·5	08	2·0	10	1·8	10	2·5	08	2·1	08	3·1	06	4·3	08	4·8	06	4·6	32	8·3	26	7·6	26	3·5	28	2·7
6	10	1·9	10	1·8	07	1·1	08	2·1	08	2·5	10	2·0	10	2·1	08	2·3	07	2·8	07	4·4	07	4·0	04	4·9	01	7·0	26	6·8	26	3·7	28	2·8
7	10	2·5	10	2·1	07	1·0	08	2·5	08	3·0	10	2·1	10	2·6	06	2·7	08	4·4	08	4·7	08	4·2	05	5·1	01	7·5	26	6·2	26	2·4	28	3·2
8	06	3·3	06	3·6	04	2·0	07	3·0	07	4·1	10	3·6	07	3·5	07	3·7	06	5·1	06	5·6	06	4·4	04	5·9	01	8·1	26	6·3	26	4·7	28	4·4
9	06	4·2	06	3·6	04	3·3	05	3·9	07	4·2	11	3·7	08	4·0	06	4·3	06	5·4	06	6·1	06	5·2	05	6·1	32	9·3	26	8·3	27	4·1	28	3·4
10	08	4·1	06	3·7	06	3·7	08	4·0	07	4·6	08	3·4	06	4·1	07	4·7	08	6·1	06	6·5	06	5·2	04	6·0	32	9·7	28	5·7	24	4·6	28	4·7
11	08	4·1	06	3·9	04	4·3	06	4·2	07	3·1	06	4·2	07	4·3	08	4·8	08	5·7	06	6·0	08	4·1	04	7·0	01	9·9	26	6·5	24	4·1	29	5·3
Noon	06	3·8	05	4·2	06	4·4	06	4·4	08	4·8	08	4·2	07	4·4	08	4·5	08	5·7	08	6·8	06	4·3	02	7·8	31	9·5	26	6·0	27	4·8	29	5·1
13h	08	4·1	04	4·4	04	5·1	06	4·1	06	3·3	08	3·8	08	4·7	06	5·2	08	5·9	06	5·8	06	5·2	04	6·5	32	10·1	27	5·1	27	4·4	29	5·8
14	06	4·4	04	3·9	06	4·9	06	4·0	06	4·1	05	4·2	06	4·4	08	5·0	06	6·0	06	4·5	06	5·2	03	7·0	31	10·8	27	6·0	26	5·2	28	4·4
15	06	4·4	03	4·4	03	4·9	08	4·1	06	4·3	06	4·3	07	5·2	08	4·6	06	5·5	06	6·0	06	5·7	04	6·0	30	10·7	27	5·8	27	4·4	28	5·0
16	08	4·1	06	3·7	03	4·6	08	3·6	06	4·1	06	4·4	08	4·1	07	4·8	06	5·0	08	5·6	06	4·8	04	6·5	29	9·2	25	5·8	28	4·4	28	4·4
17	09	4·9	06	3·7	04	3·3	08	4·1	06	3·1	06	4·1	10	4·1	07	4·6	06	5·0	08	5·2	06	5·3	04	6·8	30	9·4	26	5·0	26	3·7	28	4·0
18	08	4·8	05	3·1	05	2·9	08	3·1	08	3·1	08	4·1	08	4·4	06	3·8	08	5·4	08	5·5	06	4·6	03	6·4	29	8·8	26	4·9	28	3·5	28	3·2
19	08	4·1	05	2·3	05	2·0	07	2·9	06	2·0	08	3·7	09	4·4	08	4·0	06	4·3	08	5·1	08	4·8	02	5·9	29	7·5	27	3·6	30	2·8	28	2·6
20	10	3·0	06	2·1	05	1·1	08	2·3	07	1·7	06	2·2	09	3·9	09	3·3	08	4·5	08	5·3	08	4·6	03	5·5	28	7·0	25	4·0	30	2·4	29	1·9
21	10	2·3	05	1·9	05	1·3	08	2·0	07	1·3	10	2·9	09	3·3	09	4·0	08	4·0	08	5·0	08	5·1	04	5·6	29	7·0	25	4·2	31	2·6	30	2·2
22	10	2·3	05	1·1	06	1·8	08	1·7	07	2·1	11	3·0	09	2·9	09	2·2	08	4·4	08	5·0	08	4·8	04	5·4	27	7·2	26	4·3	31	1·7	30	1·2
23	10	2·9	05	0·7	06	1·8	08	1·8	07	2·0	10	2·3	09	2·4	10	3·4	07	4·7	08	4·7	06	4·7	03	5·9	27	7·1	26	4·3	32	1·8	30	0·6

JANUARY 1950—*continued*

Day	17d. *		18d. *		19d.		20d.		21d.		22d.		23d.		24d.		25d.		26d.		27d. *		28d. *		29d. *		30d. *		31d. *		Mean
Hour	Dir.	Vel	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Velocity
Midnight	30	0·6	23	1·1	23	0·9	10	1·1	10	2·7	10	3·5	07	2·7	08	1·9	10	3·4	10	3·2	12	0·7	13	3·0	23	0·8	16	1·8	16	0·6	2·6
1h	30	0·9	23	1·0	23	1·1	12	1·7	10	2·6	10	3·4	07	1·3	08	2·4	10	3·2	10	3·7	12	0·9	13	1·7	23	1·1	16	1·5	10	1·2	2·6
2	30	0·6	23	1·2	23	1·6	12	1·8	10	2·9	10	3·6	07	1·9	09	2·2	10	3·5	10	2·3	d19	0·7	13	1·6	20	1·8	16	1·8	10	1·9	2·7
3	30	0·6	23	1·1	23	1·5	12	1·5	10	2·4	10	3·1	07	1·9	09	2·3	10	2·6	10	2·4	19	1·5	13	1·2	15	1·5	16	1·6	10	1·9	2·7
4	30	0·6	23	1·2	23	1·5	12	2·1	10	3·3	10	4·4	07	2·3	09	2·9	10	2·9	10	1·7	19	1·8	13	1·3	15	1·7	16	1·9	10	2·1	2·8
5	30	1·3	23	1·2	23	1·3	10	1·7	10	3·0	10	3·8	07	2·1	10	3·3	10	3·5	10	1·9	16	1·9	13	1·0	15	1·7	16	2·1	10	1·7	2·9
6	30	1·1	23	1·2	23	1·3	10	1·4	09	4·7	10	4·1	07	2·1	10	3·3	10	2·2	10	1·7	16	1·2	13	1·2	15	1·5	16	1·8	10	2·3	2·7
7	30	1·7	23	1·7	23	1·1	10	1·7	09	4·7	09	2·4	07	2·1	10	2·9	10	2·5	10	2·0	16	1·1	13	1·1	15	1·1	16	1·5	10	1·7	2·8
8	27	2·6	d32	2·6	22	1·9	11	2·7	09	5·5	08	3·0	06	2·6	08	3·8	07	2·5	09	4·1	16	0·8	13	0·7	20	2·1	16	0·7	10	2·9	3·5
9	27	3·1	31	3·3	r08	1·5	10	4·0	09	4·6	06	3·1	04	2·9	08	4·7	08	4·2	10	4·0	22	1·8	d24	2·1	20	3·0	r08	1·2	07	3·1	4·0
10	26	3·4	28	2·1	07	1·8	10	4·4	08	6·0	05	3·3	04	3·2	07	4·4	10	4·0	06	4·3	22	2·3	23	2·6	22	3·0	d24	1·9	06	3·5	4·2
11	26	5·0	28	3·5	r30	2·0	10	5·0	10	4·1	06	4·1	06	3·1	05	5·1	10	4·8	08	4·3	22	4·3	26	2·8	23	3·4	23	2·1	06	3·1	4·5
Noon	26	3·1	24	3·9	01	2·2	10	5·8	10	5·3	02	4·3	04	3·1	06	4·9	10	5·9	05	4·9	23	4·6	22	3·5	22	4·4	20	2·3	06	3·1	4·7
13h	24	4·0	22	3·8	04	2·4	09	5·7	08	6·1	03	3·6	06	4·1	08	5·2	10	5·7	10	5·1	22	5·1	22	4·6	22	4·0	22	2·5	04	3·4	4·8
14	24	3·9	26	3·3	d28	2·5	10	6·3	10	4·7	04	3·1	06	3·7	06	4·9	08	6·6	10	5·0	23	4·4	22	4·9	24	3·2	22	4·0	06	3·9	4·8
15	24	3·5	27	3·1	35	3·1	10	4·8	10	6·6	04	2·8	07	3·8	08	4·3	09	5·8	10	4·9	d04	2·4	23	4·5	23	3·1	22	3·0	06	3·5	4·7
16	26	3·8	22	3·5	20	1·2	11	7·2	09	4·9	04	2·6	08	3·2	06	4·2	10	5·4	10	4·3	08	3·7	24	4·1	22	2·5	18	2·1	06	2·7	4·3
17	26	2·7	24	3·1	2[illegible]	1·2	10	5·0	12	5·7	06	2·5	06	3·1	07	4·0	10	5·2	10	4·6	04	3·2	22	3·7	22	3·1	22	1·4	d14	2·4	4·1
18	22	2·1	23	2·5	22	1·2	10	4·3	10	6·5	06	2·6	06	2·9	08	3·7	10	5·0	10	3·9	11	2·8	22	3·5	23	2·1	22	0·6	20	1·4	3·8
19	23	1·0	22	2·0	22	1·1	11	3·0	10	3·3	07	2·3	07	2·7	10	3·9	09	4·9	12	2·7	12	2·9	23	2·3	23	1·1	22	0·9	19	1·5	3·1
20	23	0·7	22	1·1	r10	1·3	10	4·4	10	4·2	07	2·9	07	2·0	10	3·3	09	3·5	12	1·5	14	2·7	23	1·0	23	0·9	22	1·2	13	1·5	2·8
21	23	0·6	22	1·2	10	1·1	10	3·9	10	4·2	08	2·3	08	2·0	10	3·3	10	3·4	12	0·8	13	2·7	23	1·5	23	0·9	22	1·2	13	1·4	2·8
22	23	0·6	22	1·3	10	1·1	09	3·6	10	5·8	08	2·9	09	2·5	10	3·9	11	2·8	12	0·6	13	2·6	23	1·2	23	1·8	22	1·3	12	2·0	2·8
23	23	1·2	22	1·1	10	1·0	10	3·8	10	3·7	08	2·0	09	2·9	10	3·5	11	3·0	12	1·0	13	1·8	23	1·1	16	1·5	22	1·0	12	1·5	2·6

Table XII.—Wind Frequency (Number of Observations) January, 1950

Hour	Force (0–12)			Direction															
	8 or above	4 to 7	0 to 3	N.	N.N.E.	N.E.	E.N.E.	E.	E.S.E.	S.E.	S.S.E.	S.	S.S.W.	S.W.	W.S.W.	W.	W.N.W.	N.W.	N.N.W.
3	...	2	29	...	1	...	1	9	9	2	...	2	...	1	...	2	2	1	2
9	...	4	27	2	...		7	8	2	1	...	...	...	1	1	1	1	3	...
15	...	9	22	...	...	5	7	6	3	...	...	...	...	...	1	4	...	4	1
21	...	2	29	1			...	9	7	3	...	...	...	...	2	4	...	1	1
Totals	...			3	1	12	15	32	21	6	...	2	...	2	4	11	2	9	4

Table XIII.—Rainfall at every Hour of the Day at the Royal Alfred Observatory, January. 1950

Day / Hour	1d	2d	3d	4d	5d	6d	7d	8d	9d	10d	11d	12d	13d	14d	15d	16d	17d	18d	19d	20d	21d	22d	23d	24d	25d	26d	27d	28d	29d	30d	31d
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1h	0·2	...		...	...	...	...	...	...	...	...	5·0	2·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	0·1	...	...	...	...	...	...	...	...	...	...	1·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·4
3	1·1	...	...	...	...	...	...	...	...	...	...	17·0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·3
4	...	...	...	...	...	...		...	...	...	...	2·6	4·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	1·0	...	...	...	...	...	...	...	...	...	0·3	0·7	3·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...	...	...	1·1	6·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	...	...	...	...	...	...	...	...	...	0·5	2·0	...	...	0·2	0·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	...	...	...	...	...	...	...	0·2	...	...	0·1	4·2	...	...	...	...	...	...	...	...	...	1·4	...	...	1·2	...	...	...	...	...	...
9	...	...	...	...	...	...	...	...	...	...	...	1·0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...	...	...	...	5·0	1·1	...	...	...	...	...	...	...	...	...	...	...	...	1·4	...	...	...	...	...	...
11	...	...	...	...	1·7	...	...	...	...	...	0·6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Noon	...	...	...	...	0·5	...	...	...	...	...	0·2	0·1	0·4	0·7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13h	...	...	...	...	3·3	...	...	...	...	...	...	...	...	1·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14		...	...	...	...	...	...	...	...	...	...	0·2	...	0·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...	...	...	0·8	...	...	...	...	...	...	...	0·6	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	1·0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·4	...
18	...	...	...	...	...	...	...	...	...	...	...	2·7	0·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	...	...	0·1	19·0	...	0·2	...	...	...	...	0·1	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	4·6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...		...	...	1·6	...	...	...	0·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	...	...	...	0·3	3·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	...	...	...	...	...	...	...	...	...	...	1·6	11·4	...	...	...	...	...	...	...	...	...	...	0·6	...	...	...	...	...	...	...	...

Table XIV.—Rainfall at every Hour of the Day at the Aerological Station, Vacoas. for January. 1950

Day Hour Ending	1d	2d	3d	4d	5d	6d	7d	8d	9d	10d	11d	12d	13d	14d	15d	16d	17d	18d	19d	20d	21d	22d	23d	24d	25d	26d	27d	28d	29d	30d	31d
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1h	...	...	...	...	...	...	...	...	0·8	...	...	3·1	10·0	...	0·8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...	...	...	...	0·1	0·7	0·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	1·8	8·8	8·9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	1·4	0·4	1·8	6·0	...	0.4	...	...	...	...	0·2	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	0·2	2·6	3·4	...	...	...	0·8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...	...	...	1·4	3·9	...	...	...	...	0·2	...	...	...	...	0·1	...	...	...	...	...	...	...	...	...
7	...	...	...	...	...	...	...	...	...	...	0·4	1·5	0·2	...	...	3·0	...	...	...	0·5	...	...	...	...	...	...	...	...	...	...	...
8	...	...	...	...	...	...	...	...	...	...	...	4·5	0·2	...	...	...	...	...	...	0·2	...	0·2	...	...	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...	...	...	...	0·3	0·9	...	0·4	...	...	...	1·4	...	1·6	...	...	...	...	0·8	...	...	...	...	...	...
10	...	...	...	...	0·4	...	...	...	...	0·4	...	...	...	1·3	...	...	...	0·6	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	0·2	...	...	...	...	...	4·0	...	1·0	...	...	...	...	1·7	...	...	...	...	...	...	...	...	...	...	...	...	...
Noon	...	...	...	...	0·3	...	...	...	...	...	0·7	2·5	4·8	0·7	...	1·8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13h	...	...	...	...	...	...	...	...	...	...	...	1·5	...	1·4	...	...	...	...	2·5	...	...	1·4	0·1	...	...	...	...	...	...	...	...
14	...	...	2·2	...	...	...	...	...	...	...	...	0·5	...	1·6	...	...	...	0·2	17·4	...	...	...	...	...	...	...	...	...	...	1·0	...
15	...	...	7·2	...	...	...		...	...	...	0·2	9·5	...	1·6	...	...	...	...	12·6	...	...	...	...	...	...	...	...	...	...	15·6	7·0
16	...	...	10·7	...	...	...	...	0·6	...	0·8	...	0·8	1·0	0·5	...	...	...	...	0·3	...	...	...	...	...	...	...	...	...	...	9·0	9·7
17	...	...	17·7	...	...	...	...	...	...	...	0·8	...	6·5	0·7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·4	2·9
18	...	...	9.0	...	...	...	...	...	...	...	...	0·8	0·8	2·6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·9
19	...	...	2·8	...	...	...	...	...	...	0·2	...	8·1	...	1·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	0·4	0·2	15·0	...	1·4	...	...	...	...	...	0·2	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	0·8	...	4·0	0·3	...	...	...	...	0·2	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	...	...	0·2	...	...	...	...	0·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	...	...	...	0·8	5·4	...	...	...	...	...	...	...	0·1	...	...	...	...	...	...	...	...	...	...	...
24	...	...	...	...	...	...	...	...	...	...	5·4	14·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Table XV.—Total Monthly Rainfall at Various Stations in Mauritius according to Districts, January, 1950

Districts	Stations	Approximate Altitude in feet.	Total fall in inches.	Total fall in mms.	Normal in inches.	Number of days
B. River	Albion Ltd. Bambous ...	—	3·95	100·4	—	11
	Anna Ltd., Bambous ..	—	5·21	132·3	—	10
	Beau Songe	—	—	—	—	—
	Case Noyale	—	—	—	—	—
	Clarens ...	—	4.86	123·4	—	12
	Govt. School, Bambous ...	—	6.60	170·0	—	9
	Grande Rivière Noire ...	—	—	—	—	—
	La Ferme	—	4·72	119·9	8.52	10
	La Mecque	—	3·83	97·3	—	10
	Médine	—	5·69	144·5	—	10
	Mon Desir, Tamarin ...	—	5·90	149·9	—	10
	Palma	—	—		—	—
	Palmyre	—	8·68	220·5	—	11
	Petit Verger	—	—	—	—	—
	Pierre Fonds	—	7·64	194·1	10·51	10
	Richelieu	—	5·73	145·4	—	11
	Tamarin	—	11·25	285·8	—	15
Port Louis	Abercrombie Nursery ...	—	7·38	187·4	—	25
	Line Barracks	—	9·86	250·4	—	11
Pamousses	Beau Plan	—	5 17	131.3	—	10
	Belle Vue (Harel) ...	—	5·35	135·9	—	9
	Belle Vue (Maurel) ..	—	5·36	130·1	—	9
	Bois Rouge (de St. Romain)	—	—	—	—	—
	Botanical Gardens ...	325	5·23	132·8	8·16	14
	California	—	10 31	261·9	9·76	8
	Couroupa	—	—	—	—	—
	Fond du Sac (Ramlagan) ...	—	—	—	—	—
	Govt. School, Pl. des Papayes	—	5·52	140·1	—	7
	La Nicolière	—	9·48	240·8	13·37	21
	Montagne Longue ...	—	—	—	—	—
	Mapou	—	—	—	—	—
	Massilia and Balaklava ...	—	—	—	—	—
	Mont Choisy, Grand Bay ...	—	4.03	102·4	—	6
	Mon Mascal, Grand Baie ...	—	4·85	123·2	—	4
	Mon Piton	680	6·54	166·1	10·49	10
	Mon Songe (Mapou) ...	620	7·76	197·1	10·08	15
	Rouge Terre, Fond du Sac ...	—	3·90	99·1	—	3
	Solitude	175	5·40	137·2	6·96	2
	Sottise, Mapou	—	4·25	108.0	—	11
	Terre Rouge	—	—	—	—	—
	The Observatory ...	170	4·90	126·6	8·16	16
	Pamplemousses Experiment Station	—	6·16	156·5	—	15
	Notre Dame (La Nouvelle Industrie Ltée)	—	6·24	158·5	—	7
	Le Souvenir	—	5·49	137·2	—	10
	Maison Blanche ..	—	6·42	163·1	—	8
Rivière du Rempart	Antoinette	610	9·29	236 0	9·88	12
	Beau Bois, B. Verdiere ...	—	14·24	361·7	—	22
	Beau Séjour	300	7·00	177·8	9·51	11
	Bel Etang	—	—	—	—	—
	Bel Mont	50	3·91	99·3	7·69	7
	Esperance (Harel) ...	—	—	—	—	—
	Esperance (Souchon) ..	—	5·82	147·8	—	11
	Forbach	—	4·65	118·1	8·43	7
	Govt. School Grand Bay ...	—	4·10	104·2	—	10
	Haute Rive	—	—	—	—	—
	Ile d'Ambre	290	4·27	108·5	—	4
	Labourdonnais ...	—	4·15	105·5	8·96	7
	L'Amitié	20	—	—	—	—
	Mare Sèche, Grand Bay ...	700	—	—	—	—
	Mon Choix	—	6·37	161·8	10 42	8
	Mon Loisir (Lagesse) ...	—	4·37	111·0	9·18	9
	Mon Loisir (Rouillard) ...	—	—	—	—	—
	Petit Raffray, Mapou ...	—	—	—	—	—
	Poudre d'Or	20	4.23	107·4	7.09	7
	Ravensworth	—	7·81	198·4	—	11
	Schoenfield	—	—	—	—	—
	St. Antoine	50	4·09	103·9	6·98	13
Flacq	Australia, Pont Praslin ..	—	9·98	253·5	—	15
	Beau Bois, St. Julien ...	—	5·80	147·3	—	8
	Beau Champ, G.R.S.E. ...	20	8·52	216·4	8·12	15
	Beau Rivage	—	2·23	56·6	—	9
	Bel Etang	—	10·21	259·3	—	20
	Belle Mare, Argy ...	—	—	—	—	—
	Belle Rive	400	9·79	248·7	14·28	14
	Belle Vue (Allendy) ...	—	5·79	147·1	11·28	9
	Bois Clair	—	—	—	—	—
	Brisée Verdière ...	—	—	—	—	—
	Camp de Masque ...	—	—	—	—	—
	Caroline, Bel Air ...	—	—	—	—	—
	Castel Estate, Bel Air ...	—	—	—	—	—
	Clemencia	—	—	—	—	—
	Constance La Gaieté ...	100	4·46	113·3	8·94	9
	Deep River	—	8·93	226·8	—	17
	Etoile	—	9·83	249·7	—	16
	Govt. School Central Flacq	—	6·93	176·0	—	7
	Govt. School, G.R.S.E. ...	—	7 33	186·2	-	13
	Grande Retraite ...	—	6·00	152·4	—	6
	Grosse Roche	—	—	—	—	—
	La Lucie, Bel Air ...	—	—	—	-	—
	Melrose, Montagne Blanche	—	—	—	—	—
	Olivia	400	6 97	177·0	11·33	12
	Palmar	—	7·22	183·6	—	13
	Petite Etoile, Bel Air ...	—	—	—	—	—
	Petite Victoria ...	—	—	—	—	—
	Queen Victoria ...	—	6·86	174·2	—	11
	Rich Fund, St. Julien ..	—	7·27	184·7	—	16
	Terres Franches ...	—	8·93	226·8	—	17
	Terres Rocheuses ...	—	10·43	264·9	—	9
	Riviere Seche	—	5·60	142·2	—	9
	Ruisseau Rose	—	—	—	—	—
	Sans Souci	900	5·52	140·2	16·53	15
	Sebastopol	—	—	—	—	—
	Trois Ilots	600	8·42	213·9	—	12
	Union Regnard S.E. ..	—	9·28	261·1	9·87	17
	Unite	—	—	—	—	—
G. Port	Anse Jonchée	—	—	—	—	—
	Astroea, Cluny ...	—	13 05	331·5	—	18
	Beau Lieu, Union Park ...	—	—	—	—	—
	Beau Vallon (La Cours) ...	—	8·90	226·1	—	13
	,, (Partie Haute) ...	—	11·31	287·3	—	18
	Deux Bras	—	20·31	515·9	—	23
	Eau Bleu, Cluny .	—	—	—	—	—
	Ferney	20	14 30	363·2	12·35	14
	Grand Bois, Rose Belle ...	—	—	—	—	—
	Gungah Frères, New Grove	—	—	—	—	—
	Khoyratty, Escalier ...	—	—	-	—	—
	La Vallée, Cluny ..	—	—	—	—	—
	Le Vallon	—	—	—	—	—
	Mare d'Albert	—	—	—	—	—
	Mon Désert Carié ...	75	9·89	251·2	7·85	17
	Mon Trésor	—	11·14	283·0	—	14
	New Grove	65	16·00	406·4	15·12	21
	Plaisance Airfield ...	160	11·56	293·5	—	21
	Riche-en-Eau	—	15·22	386·6	—	16
	Rose Belle	850	18·30	464·8	15·04	25
	La Baraque	—	10·17	258·3	—	17
	Sauve Terre	—	10·98	278·9	15·63	15
	Savinia	—	8·37	212·9	—	11
	Ste. Hélène	—	11·53	292·9	—	11
	Ste. Hubert, Cluny ...	—	14·80	375·9	—	13
	Ste. Madeleine, Cluny ...	—	—	—	—	—
	Union Park	—	—	—	—	—
	Union Vale	—	10 95	278·1	—	16
Savanne	Baie du Cap	—	—	—	—	—
	Beau Bois	—	14·24	361·7	10·73	22
	Beau Champ, B. du Cap ...	—	13·54	343·9	8·66	12
	Beau Climat	—	14·60	370·8	—	18

Table XV.—Total Monthly Rainfall at Various Stations in Mauritius according to Districts, January, 1950

Districts	Stations	Approximate altitude in feet	Total fall in inches	Total fall in mms.	Normal in inches	Number of days
Savanne	Bel Air, Montocchio ...	—	11·49	291·8	—	18
	Bel Air (St. Félix) ...	—	10·50	266·7	9·67	18
	Bel Air, Chemin Grenier ...	—	—	—	—	—
	Bel Ombre	40	12·51	317·8	9·25	14
	Bénarès	—	8·25	209·6	—	16
	Bois Chéri Tea Factory ...	—	14·91	378·7	—	29
	Britannia	700	13·98	355·1	13·33	21
	Camp Diable	—	—	—	—	—
	Cascades	—	—	—	—	—
	Chamouny, Chemin Grenier	—	—	—	—	—
	Choisy, Baie du Cap ...	200	—	—	10·35	—
	Colmar	400	12·48	317·0	12·85	20
	Combo	—	12·39	310·7	—	21
	Fontenelle	320	9·60	243·8	10·77	16
	Frederica	—	15·65	397·5	8·78	14
	Joli Bois; Rivere Dragon ...	—	—	—	—	—
	La Flora	1,050	15·48	393·2	17·58	20
	Luchon	—	—	—	—	—
	Martiniere, Souillac ...	—	—	—	—	—
	Plaines Longanes ...	—	—	—	—	—
	Riche Bois	650	13·09	332·5	15·21	22
	Ruxa, R. des Anguilles ...	—	11.49	291·8	—	18
	Savannah	200	8·30	210·8	10·89	15
	St. Aubin	300	8·24	209·3	10·76	18
	St. Avold	900	13·34	388·8	14·05	21
	St. Félix	—	8·04	204·2	—	15
	Ste. Marie ...	—	12·89	327·4	—	12
	Terracine	—	8·25	209·6	—	18
	Tivoli	1,300	15·85	402·6	—	21
	Union S.E.	—	7·35	186·7	9·86	16
	R. des Anguilles Estate ...	—	8·07	205·0	—	15
Plaines Wilhems	Aerological Station, Vacoas	1,393	12·51	317·7	13·40	20
	Bagatelle	1,250	10·19	258·8	11·66	14
	Barkly, Beau Bassin ...	—	—	—	—	—
	Bassin, Quatre Bornes ..	—	9·61	244·1	10·56	11
	Belle Vue (Martin) ...	—	—	—	—	—
	Chebel	—	5·50	139·7	—	11
	Clermont, Petite Rivière	—	—	—	—	—
	Curepipe Gardens ...	1,840	15·67	397·9	16·71	19
	Curepipe, Royal College ...	—	13·55	344·2	—	18
	Ebène	—	7·11	180·6	—	13
	Floréal	—	—	—	—	—
	Gros Cailloux, Pte. Rivière	—	7·50	190·5	—	7
	Henrietta	—	12·15	308·6	—	15
	Highlands	1,000	13·41	340·6	14·10	12
	Crown Land Wootton ...	—	—	—	—	—
	La Marie Filter Beds ...	1,700	16·85	428·0	14·87	18
	Les Rosieres, Pte. Riviere	—	6·30	160·0	—	8
	Maigré Tout, Pte. Riviere	—	—	—	—	—
	Moon	—	9·86	250·4	—	13
Plaines Wilhems	Mare-aux-Vacoas (Arn.) ...	1,830	18·22	462·8	17·85	25
	Mare-aux-Vacoas (G.End.)	1,850	17·35	440·7	19·51	25
	Midlands Dam ...	—	12·78	324·6	—	16
	Nouvelle France ..	—	—	—	—	—
	Paro-aux-Cerfs (Tea Plantations)	—	14·35	364·4	—	16
	Pétrin	—	15·23	386·8	—	18
	Phœnix	—	11·55	293·4	12·76	10
	Quatre Bornes... ...	1,090	7·28	184·9	—	11
	Réunion	1,420	13·84	351·5	13·10	19
	Roches Brunes, B. Bassin	—	—	—	—	—
	Royal College, Curepipe ...	—	—	—	—	—
	Tamarin-Falls	—	15·56	395·2	—	14
	Trianon	950	7·57	192·3	10·30	11
	Mare Longue	—	13·20	335·3	—	20
Moka	Alma	1,400	14·49	368·0	17·88	20
	Bega	—	5·73	145·5	—	11
	Beau Bois (Moka) ...	—	—	—	—	—
	Bonne Veine	400	14·64	371·9	18·33	14
	Chantenay, Moka ..	—	9·04	229·6	—	19
	Circonstance	—	—	—	—	—
	Cote d'Or	—	9·75	247·7	—	7
	Helvetia	—	—	—	—	—
	Hermitage	1,450	8·11	206·0	17·16	9
	Le Reduit	1,000	8·04	204·2	10·00	19
	Minissy	1,150	9·22	234·2	12·30	12
	Mont Desert	—	0·97	24·6	—	6
	Mont Ida, Q. Militaire ...	—	—	—	—	—
	Mont Pevril	—	8·16	207·3	—	11
	Mon Rêve	—	8·47	215·1	—	12
	Réduit Ltd., Moka ...	—	—	—	—	—
	Ripailles; St. Pierre ...	—	—	—	—	—
	Piton du Milieu Reservoir ...	—	14·19	360·4	—	24
	Flat Island	—	4·41	112·0	—	7
Rodrigues	Oyster Bay	—	3·71	94·1	—	15
	Point Venus	—	2·72	69·0	—	20
	Solitude	—	3·45	88·0	—	12
Chagos-Archipelago	Diégo-Garcia, Met. Station	—	15·60	396·3	—	20
	Peros Banhos	—	8·00	203·2	—	6
	Salomon Islands (Boddam)	—	22·42	569·5	—	11
Cargados Caragos	St. Brandon	—	2·75	69·8	—	13
Agalega	Met. Station	—	20·43	518·9	—	19

Table XVI.—Observations of Pilot Ballons, month of January, 1950

Date	Time	1,000 feet		3,000 feet		5,000 feet		7,000 feet		10,000 feet		13,000 feet		15,000 feet		17,000 feet		20,000 feet		25,000 feet		30,000 feet	
		Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.
1	08.26	09	09	10	13	10	07	...	...	..	...	...	...	...	...	...	...	...	...	..	...	...	...
2	08.01	08	10	05	12	06	10	05	06	...	...	...	...	...	...	...	...	...	...	..	...	...	...
3	09.08	07	16	05	09	06	10	07	09	...	...	...	...	...	..	...	..	..	...	...	...	...	...
4	08.30	07	07	07	13	08	17	14	04	21	01	13	03	12	06	...	...	...	...	...	...	...	...
5	08.40	07	11	07	13	07	13	...	...	...	..	..	...	...	...	...	...	...	...	...	...	...	...
6	09.00	11	06	09	11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	09 00	07	11	07	14	08	18	08	15	08	18	...	...	...	...	...	...	...	...	...	..	...	...
8	08.30	08	21	07	16	07	17	04	02	...	..	...	...	...	...	...	...	...	...	...	..	...	...
9	08.17	09	28	08	26	07	26	06	26	...	...	...	...	...	...	...	...	...	..	...	..	...	...
10	08.50	08	34	08	44	07	26	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...
11	08.42	07	15	06	27	06	37	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...
12	10.55	05	28	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...
13	08.47	36	34	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...
14	09.55	29	18	..	...	...	...	...	...		...	...	...	.	...	...	..	...	...	...	...	...	...
15	09.30	30	16	28	22	28	21	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	08.55	31	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	08.50	32	12	31	13	33	12	...	...	...	..	...	...	...	...	..	...	...	...	...	...	...	...
18	08.50	35	08	33	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	09.15	09	06	10	04	20	03	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	08 50	13	11	12	14	11	04	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...
21	08.48	11	17	11	15	07	09	06	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	09.25	08	09	01	09	...	...	...	..	...	...	..	...	...	...	...	...	...	...	...	...	...	...
23	08.28	07	05	06	11	06	10	06	10	04	11	06	06	06	05	14	05	14	03	...	...	...	...
24	08.50	10	18	08	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	08.38	11	15	09	11	08	17	07	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	08.15	11	11	10	16	10	11	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...
27	08.45	22	03	23	12	09	07	08	03	2	06	29	04	...	...	...	...	...	...	...	...	...	...
28	08.40	28	02	31	05	...	...	..	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...
29	08.32	24	08	34	03	03	08	33	03	26	08	27	10	35	03	...	..	..	...	...	...	...	...
30	08.48	10	03	08	06	07	07	08	10	18	07	...	...	...	...	...	...	...	...	...	...	..	...
31	08.40	09	09	10	12	10	12	...	...	...	...	...	...	...	..	..	...	...	...	...	...	...	...

COLONY OF MAURITIUS

Royal Alfred Observatory, Mauritius

(LATITUDE 20° 5′ 39″ S.—LONGITUDE 3h 50m 12·6s E.)

RESULTS

OF

Magnetical and Meteorological Observations

FOR THE MONTH OF

FEBRUARY, 1950

N. R. McCURDY, B.Sc.
Director.

Published by Authority of His Excellency the Governor

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WEATHER BUREAU

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Table I.—Results of Magnetical Observations taken during the month of February, 1950

Month and Day	Mean: Declination (West)	Mean: Horizontal Force (C.G.S. Units)	Mean: Vertical Force (C.G.S. Units)	Daily Range: Declination	Daily Range: Horizontal Force (Unit 1 γ)	Daily Range: Vertical Force (Unit 1 γ)
Feb.	° ′			′		
1	15 38·3	.22306	.30370	9·0	42	24
2	38·2	295	366	11·6	88	40
3	38·7	287	368	12·0	30	45
4	38·0	—	371	11·2	—	25
5	38·8	-	367	9·2	—	29
6	38·3	—	359	12·6	—	41
7	38·6	--	361	9·0	—	28
8	—	—	—	—	—	--
9	—	311	368	—	43	14
10	—	—	365	—	—	14
11	39·1	—	363	5·7	—	16
12	38·2	336	362	8·2	38	18
13	37·3	339	360	9·6	39	24
14	37·9	342	360	7·6	28	31
15	—	338	362	—	36	32
16	38·2	332	361	11·4	36	29
17	38·9	343	359	10·8	59	21
18	36·8	—	353	14·8	—	47
19	—	—	356	—	—	29
20	—	—	355	—	—	42
21	—	—	—	—	—	—
22	—	—	356	—	—	—
23	37·4	—	—	10·4	—	—
24	—	—	—	—	—	—
25	—	275	—	—	38	—
26	—	—	—	—	—	—
27	—	—	—	—	—	—
28	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	—	—	—
	° ′			′		
Mean	15 38·18	·22319	·30362	10·21	43·4	29·9

Magnetic Disturbances—February, 1950

2d. Moderately disturbed.
No Register from the 3rd to 9th.

9d. Slightly disturbed.
No Register from the 9th to the 11th at $9^h\ 30^m$.

11d. Second half. Slightly disturbed.

15d. Slightly disturbed.
No Register from the 18th to the 22nd at $14^h\ 10^m$.

22d. Second half. Slightly disturbed.

23d. Moderately disturbed during first-half and a very disturbed period started at $14^h\ 20^m$ and ended at $01^h\ 30$ on 24d. The range was over 200γ.

24d. Moderately disturbed.
No Register from the 25th till the of the month.

T= ·37683 : Mean Dip= 53°40′·83 X= ·21492 : Y= −·060155 : Z= ·30362

Table II.—Results of Absolute Determinations of the Magnetic Elements made during the month of February, 1950

Declination (West)		Horizontal Force		Dip (South)		Resulting Vertical Force
Day and Hour	Observed Value	Day and Hour	Observed Value	Day and Hour	Observed Value	
d h m	° ′	d h m		d h m	° ′	
2 9 50	15 41·37	2 9 25	·22311	2 9 57	53 41·13	.30368
9 9 47	15 42·13	7 9 25	·22327	9 9 54	53 40·87	.30370
16 9 48	15 43·25	9 9 27	·22329	16 9 56	53 39·75	.30358
23 9 55	15 41·63	16 9 24	·22332	23 9 47	53 40·83	.30372
		20 9 10	·22336			
		23 9 30	·22347			

Table III—Magnetic Declination West at every Hour of the Day as deduced from the Photographic Records

FEBRUARY 1950

15° +

Day / Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Day / Hour
	′	′	′	′	′	′		′	′		′	′	′	′	′	′	
Midnight	38·0	38·0	39·0	38·2	38·0	38·6	38·0	—	—	—	39·5	39·0	40·0	38·0	—	38·6	Midnight
1h	38·2	38·8	39·2	38·0	37·8	39·4	38·2	—	—	—	39·6	39·6	39·9	38·4	—	38·5	1h
2	38·6	39·0	39·6	38·4	38·4	39·8	38·2	—	—	—	39·7	40·0	39·8	39·4	—	39·2	2
3	39·2	39·4	40·4	38·0	39·6	39·9	39·0	—	—	—	39·8	40·1	39·9	39·6	—	39·4	3
4	39·4	39·8	40·8	37·6	40·4	40·0	39·4	—	—	—	40·0	40·2	40·0	40·0	—	40·0	4
5	40·2	40·0	40·4	38·0	41·2	40·2	40·0	—	—	—	40·2	40·4	40·1	40·1	—	40·4	5
6	40·6	41·0	41·6	39·6	41·8	40·6	40·8	—	—	—	40·4	41·2	40·2	40·2	—	40·8	6
7	41·4	42·4	42·4	41·6	42·6	42·0	41·6	—	—	—	40·8	41·4	40·8	41·0	—	41·6	7
8	42·6	43·0	43·4	43·2	43·8	43·6	43·0	—	—	—	41·6	41·8	41·2	40·8	—	43·2	8
9	42·0	42·4	44·0	44·0	43·2	44·2	42·9	—	—	—	41·7	41·7	40·4	41·2	—	43·6	9
10	40·0	40·8	43·0	43·0	40·0	43·2	42·6	—	—	—	41·2	40·4	39·2	41·4	42.4	42·0	10
11	38·0	38·2	40·8	41·0	37·0	40·0	41·0	—	—	—	39·8	38·0	37·0	40·4	40·0	39·4	11
Noon	34·8	34·6	37·0	38·0	35·0	36·0	38·4	—	—	—	38·2	36·0	35·0	37·8	36·0	36·2	Noon
13h	33·6	32·0	34·0	36·4	34·6	33·8	36·0	—	—		37·0	35·4	32·4	35·0	32·4	35·0	13h
14	34·4	31·4	32·0	34·0	34·8	32·2	34·6	—	—	35·6	36·8	33·8	31·8	34·0	31·8	33·6	14
15	35·6	32·0	32·2	33·6	36·0	31·6	34·4	—	—	34·4	36·2	33·7	31·6	33·8	31·7	32·2	15
16	36·2	33·8	35·0	34·0	37·6	33·2	34·0	—	—	34·6	36·0	33·6	32·0	33·9	32·2	34·0	16
17	37·6	35·6	36·4	35·0	38·0	34·6	35·0	—	—	36·4	37·4	34·0	34·0	34·4	34·0	35·6	17
18	38·0	37·0	37·0	36·0	38·2	36·8	36·8	—	—	38·0	37·6	34·8	35·4	35·6	35·6	36·2	18
19	37·8	38·0	37·6	37·0	38·4	37·6	37·4	—	—	38·4	38·2	37·0	36·0	36·2	36·4	37·2	19
20	37·9	39·4	37·8	37·8	38·6	37·8	38·2	—	—	38·8	39·0	38·0	36.2	36·2	36·4	37·6	20
21	38·0	39·8	38·4	38·4	38·8	37·9	38·4	—	—	39·4	39·2	38·2	37·0	36·8	36·8	37·8	21
22	38·0	40·0	38·6	38·2	39·0	38·0	39·0	—	—	39·6	39·4	38·8	37·6	37·6	37·2	37·7	22
23	38·2	39·7	38·6	38·6	38·8	38·0	38·4	—	—	39·4	39·2	39·4	37·8	38·0	37·8	37·8	23

FEBRUARY 1950—*continued*

15° +

Day / Hour	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.	Day / Hour
	′	′	′		′	′	′	′		′	′	′		′	′	′	
Midnight	38·4	38·0	—	—	—	—	39·8	—	—	—	—	—	—	—	—	38·6	Midnight
1h	39·6	38·2	—	—	—	—	39·0	—	—	—	—	—	—	—	—	38·8	1h
2	39·9	38·2	—	—	—	—	39·2	—	—	—	—	—	—	—	—	39·2	2
3	40·2	38·5		—	—	—	39·4	—	—	—	—	—	—	—	—	39·5	3
4	40·8	38·2	—	—	—	—	38·6	—	—	—	—	—	—	—	—	39·7	4
5	41·4	38·8	—	—	—	—	38·8	—	—	—	—	—	—	—	—	40·0	5
6	42·8	39·0	—	—	—	—	38·0	—	—	—	—	—	—	—	—	40·6	6
7	44·2	40·2	—	—	—	—	39·9	—	—	—	—	—	—	—	—	41·6	7
8	44·8	42·0	—	—	—	—	41·0	—	—	—	—	—	—	—	—	42·6	8
9	43·2	43·6	—	—	—	—	41·6	—	—	—	—	—	—	—	—	42·6	9
10	41·6	44·8	—	—	—	—	40·0	—	—	—	—	—	—	—	—	41·6	10
11	40·0	40·0	—	—	—	37·6	38·0	—	—	—	—	—	—	—	—	39·2	11
Noon	38·0	36·0	—	—	—	36·2	36·0	—	—	—	—	—	—	—	—	36·5	Noon
13h	36·2	32·0	—	—	—	34·8	34·2	—	—	—	—	—	—	—	—	34·5	13h
14	34·4	30·0	—	—	—	34·0	32·0	—	—	—	—	—	—	—	—	33·3	14
15	34·0	30·4	—	—	—	34·2	31·2	—	—	—	—	—	—	—	—	33·2	15
16	34·2	31·0	—	—	—	34·8	32·0	—	—	—	—	—	—	—	—	34·0	16
17	35·4	32·0	—	—	—	35·6	34·0	—	—	—	—	—	—	—	—	35·3	17
18	36·4	33·8	—	—	—	37·0	36·0	—	—	—	—	—	—	—	—	36·4	18
19	37·6	34·2	—	—	—	36·2	36·8	—	—	—	—	—	—	—	—	37·1	19
20	37·7	34·4	—	—	—	36·6	37·2	—	—	—	—	—	—	—	—	37·3	20
21	37·8	36·0	—	—	—	36·8	37·4	—	—	—	—	—	—	—	—	38·0	21
22	37·8	36·4	—	—	—	39·6	38·0	—	—	—	—	—	—	—	—	38·3	22
23	38·0	37·6	—	—	—	39·2	38·2	—	—	—	—	—	—	—	—	38·4	23

Table IV.—Magnetic Horizontal Force at every Hour of the Day as deduced from the Photographic Records

(The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber)

FEBRUARY 1950

+ ·22000 (C.G.S. UNIT)

Day / Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Day / Hour
Midnight	314	307	284	—	—	—	—	—	298	—	—	335	330	331	338	318	Midnight
1	313	306	287	—	—	—	—	—	300	—	—	336	329	333	339	320	1
2	326	307	296	—	—	—	—	—	304	—	—	334	330	337	341	322	2
3	311	310	297	—	—	—	—	—	314	—	—	336	330	339	346	328	3
4	313	311	295	—	—	—	—	—	331	—	—	335	329	340	347	332	4
5	311	312	297	—	—	—	—		318	—	—	332	331	338	350	330	5
6	314	318	300	—	—	—	—	—	319	—	—	337	334	332	348	333	6
7	317	335	298	—	—	—	—	—	325	—	—	340	343	335	347	336	7
8	313	338	296	—	—	—	—	—	332	—	—	349	351	342	338	332	8
9	308	340	290	—	—	—	—	—	320	—	—	356	355	350	331	331	9
10	312	331	287	—	—	—	—	—	314	—	352	352	354	354	340	335	10
11	322	310	290	—	—	—		—	320	—	360	351	357	353	354	345	11
Noon	320	292	300	—	—	—	—	—	327	—	361	350	358	359	350	354	Noon
13	302	280	298	—	—	—	—	—	325	—	353	347	359	357	347	349	13
14	295	277	297	—	—	—	—	—	317	—	337	340	352	352	346	348	14
15	293	279	280	—	—	—	—	—	304	—	332	338	340	343	342	340	15
16	290	278	278	—	—	—	—	—	300	—	330	336	337	345	338	330	16
17	284	276	279	—	—	—	—	—	306	—	329	330	338	348	329	331	17
18	287	268	280	—	—	—	—	—	308	—	330	320	337	343	322	325	18
19	297	260	276	—	—	—	—	—	309	—	332	318	331	339	325	323	19
20	302	252	274	—	—	—	—	—	302	—	334	320	330	333	326	326	20
21	304	254	270	—	—	—	—	—	292	—	333	327	329	332	325	325	21
22	300	268	272	—	—	—	—	—	290	—	332	328	320	336	318	327	22
23	305	275	274	—	—	—		—	289	—	330	323	328	339	319	328	23

FEBRUARY 1950—*continued*

+ ·22000 (C.G.S. UNIT)

Day / Hour	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.	Day / Hour
Midnight	332	—	—	—	—	—	—	264	268	—	—	—	—	—	—	314	Midnight
1h	334	—	—	—	—	—	—	280	272	—	—	—	—	—	—	315	1h
2	337	—	—	—	—	—	—	278	274	—	—	—	—	—	—	319	2
3	340	—	—	—	—	—	—	272	270	—	—	—	—	—	—	320	3
4	341	—	—	—	—	—	—	274	271	—	—	—	—	—	—	322	4
5	340	—	—	—	—	—	—	276	269	—	—	—	—	—	—	321	5
6	343	—	—	—	—	—	—	278	273	—	—	—	—	—	—	323	6
7	340	—	—	—	—		—	275	262	—	—	—	—	—	—	325	7
8	336	—	—	—	—	—	—	262	280	—	—	—	—	—	—	328	8
9	350	—	—	—	—	—	—	258	264	—	—	—	—	—	—	327	9
10	365	—	—	—	—	—	—	262	265	—	—	—	—	—	—	328	10
11	369	—	—	—	—	—	—	264	268	—	—	—	—	—	—	331	11
Noon	375	—	—	—	—	—	—	275	274	—	—	—	—	—	—	333	Noon
13	378	—	—	—	—	—	—	280	267	—	—	—	—	—	—	328	13h
14	370	—	—	—	—	298	—	279	265	—	—	—	—	—	—	323	14
15	358	—	—	—	—	280	—	—	269	—	—	—	—	—	—	317	15
16	348	—	—	—	—	278	—	—	262	—	—	—	—	—	—	313	16
17	332	—	—	—	—	279	—	—	274	—	—	—	—	—	—	312	17
18	328	—	—	—	—	277	—	—	276	—	—	—	—	—	—	308	18
19	319	—	—	—	—	265	—	—	284	—	—	—	—	—	—	307	19
20	320	—	—	—	—	268	—	—	294	—	—	—	—	—	—	307	20
21	322	—	—	—	—	259	—	—	298	—	—	—	—	—	—	307	21
22	324	—	—	—	—	290	—	—	299	—	—	—	—	—	—	308	22
23	325	—	—	—	—	262	—	—	300	—	—	—	—	—	—	310	23

Table V.—Magnetic Vertical Force at every Hour of the Day as deduced from the Photographic Records

(The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber)

FEBRUARY 1950

Day / Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Day / Hour
								+ ·30000 (C.G.S. UNIT)									
Midnight	369	372	375	376	373	370	369	—	372	372	369	364	367	365	364	367	Midnight
1h	370	372	375	376	375	370	368	—	371	370	369	365	366	365	364	366	1h
2	369	373	374	376	375	369	368	—	371	370	368	366	366	366	364	366	2
3	370	373	375	374	375	368	367	—	370	370	368	367	366	365	364	365	3
4	370	373	375	373	375	368	366	—	367	370	368	367	366	366	364	365	4
5	371	374	375	373	376	368	366	—	368	370	368	367	367	367	365	367	5
6	373	376	377	374	378	369	367	—	370	369	367	368	367	368	368	367	6
7	377	378	380	378	375	372	369	—	372	370	368	369	369	374	372	371	7
8	380	378	381	377	370	374	371	—	374	370	370	368	368	373	373	373	8
9	373	369	382	376	363	370	363	—	373	363	370	364	362	370	370	360	9
10	367	361	373	370	351	358	362	—	371	356	364	358	358	367	366	356	10
11	359	354	355	363	356	340	354	354	366	357	358	352	350	362	356	351	11
Noon	356	352	339	354	358	333	348	352	361	358	356	351	347	352	347	344	Noon
13h	359	343	337	353	358	334	343	357	360	358	357	353	346	345	341	345	13h
14	356	340	338	360	358	336	346	359	360	358	357	357	345	345	343	349	14
15	360	342	349	363	359	337	348	362	361	357	358	358	349	345	348	354	15
16	372	352	360	368	359	340	352	365	362	359	354	358	351	343	353	357	16
17	373	360	364	372	361	351	357	369	363	362	357	358	353	348	360	359	17
18	375	366	367	373	363	360	362	371	366	364	359	361	357	352	365	360	18
19	380	370	370	376	364	362	362	371	367	365	360	364	359	358	366	361	19
20	378	376	373	372	367	362	363	372	368	366	361	365	360	360	365	363	20
21	380	380	376	376	369	367	364	372	370	368	363	364	362	361	366	363	21
22	374	377	377	378	370	368	367	373	372	368	363	363	364	362	367	363	22
23	372	377	379	378	370	369	366	373	373	369	364	365	364	363	368	364	23

FEBRUARY 1950—*continued*

Day / Hour	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.	Day / Hour
								+ ·30000 (C.G.S. UNIT)									
Midnight	364	364	360	362	—	381	—	—	—	—	—	—	—	—	—	368	Midnight
1h	363	363	360	362	—	384	—	—	—	—	—	—	—	—	—	368	1h
2	362	363	360	362		377	—		—	—	—	—	—	—	—	368	2
3	363	362	360	361	—	382	—	—	—	—	—	—	—	—	—	367	3
4	363	362	359	360	—	380	—	—	—	—	—	—	—	—	—	367	4
5	364	363	359	360	—	383	—	—	—	—	—	—	—	—	—	368	5
6	369	364	359	360	—	384	—	—	—	—	—	—	—	—	—	369	6
7	368	369	362	363	—	380	—	—	—	—	—	—	—	—	—	371	7
8	357	369	367	367	—	373	—	—	—	—	—	—		—	—	372	8
9	350	365	365	365	378	370	—	—	—	—	375	380	—	—	—	367	9
10	348	352	356	356	372	367	376	—	—	—	370	381	—	—	—	360	10
11	350	340	347	350	371	370	372	—	—	—	367	382	—	—	—	354	11
Noon	350	333	338	346	373	372	372	—	—	—	370	383	—	—	—	349	Noon
13h	350	322	339	343	376	376	373	—	—	—	373	—	—	—	—	347	13h
14	350	324	345	340	374	380	—	—	—	—	382	—	—	—	—	348	14
15	353	331	350	340	377	383	—	—	—	—	—	—	—	—	—	351	15
16	356	341	351	343	382	383	—	—	—	—	—	—	—	—	—	354	16
17	359	350	356	347	—	384	—	—	—	—	—	—	—	—	—	358	17
18	362	354	359	353	—	383	—	—	—	—	—	—	—	—	—	362	18
19	362	357	358	355	—	383	—	—	—	—	—	—	—	—	—	364	19
20	363	358	358	354	—	382	—	—	—	—	—	—	—	—	—	365	20
21	363	358	360	353	—	—	—	—	—	—	—	—	—	—	—	366	21
22	363	360	361	363	—	—	—	—	—	—	—	—	—	—	—	367	22
23	364	361	361	382	—	—	—	—	—	—	—	—	—	—	—	369	23

Table VI.—Results of Meteorological Observations made at the Aerological Station, Vacoas (424.5 metres above mean sea-level) during the Month of February, 1950

Month and days 1950	Observations at 10 a.m.									Temperature of the Air							Rainfall			
	Atmospheric Pressure	Temperature of the Air	Excess of Air Temperature over Evaporation Temperature	Temperature of the Dew Point	Relative Humidity (Sat 100)	Vapour Pressure	Wind Direction	Wind Velocity	Amount of Cloud (Scale 0—8)	3 h	9 h	15 h	21 h	Daily Maximum	Daily Minimum	Daily Range	Amount recorded by the Caella Pluviograph	Duration	Duration of Bright Sunshine	Percentage of Possible Sunshine
FEB.	mbs.	°C	°C	°C	%	mbs.	°	mps.		°C	°C	°C	°C	°C	°C	°C	mms.	mins.	hrs.	%
1	963·3	26·3	4·0	20·2	69	23·7	130	5·8	5	21·0	25·0	27·2	22·8	27·5	21·0	6·5	1·8	25	11·0	85
2	966·1	26·9	2·6	23·1	80	28·3	100	4 5	6	22·3	24·9	27.1	22·1	27·8	22·3	5·5	4·3	35	9·5	74
3	966·9	25·4	2·5	21·6	80	25·8	110	5·8	6	21·6	25·0	26·3	22·4	26·8	21·5	5·3	11·7	110	10·1	78
4	964·1	22·5	2·5	18·6	79	21·4	110	8·9	7	21·8	22·0	24·2	22·1	24·5	21·5	3·0	42·2	270	4·7	36
5	964·4	24·4	2 0	21·4	83	25·5	105	8·1	7	21·6	24·1	26·0	22·1	26·8	21·3	5·5	16·4	105	10·5	81
6	966·9	23·4	1·5	21·1	87	25 0	110	4·9	7	20·2	23·0	24·3	22·0	26·0	20·2	5·8	9·3	90	9·1	70
7	965·5	24·3	2·3	20·8	81	24·6	90	8·1	7	21·6	24·0	26·4	22·5	26·6	21·5	5·1	3·6	40	9·0	70
8	966·3	25·4	3·6	19·9	71	23·2	115	5·4	3	21·3	25·1	25·5	22·4	26·5	20·5	6·0	1·2	10	10·5	82
9	965·6	21·9	0.6	21·0	95	24·9	110	4 9	8	22·0	21·5	22·7	21·4	23·8	21·6	2·2	39·2	210	0·2	2
10	965·5	23·5	2·1	20·3	83	23·8	110	7·2	7	21·0	23·0	25·2	22·0	25·7	21·0	4·7	1·1	10	10·7	84
11	965·7	24·8	2·9	20·4	77	24·0	115	8·9	5	21·3	24·2	22·2	21·5	25·5	21·0	4·5	14·6	235	7·4	58
12	966·0	23·9	2·0	20·9	83	24·7	130	8·1	7	21·2	23·1	23·8	20·5	24·5	21·0	3·5	3·4	30	2·7	21
13	966·4	24·3	3·9	18 8	71	21·7	90	8·9	6	20·4	24·0	23·4	20·3	25·0	20·3	4·7	0·0	0	8·9	70
14	966·2	24·4	4·5	17 2	64	19·6	110	5·4	6	19·4	23·7	24·6	19·6	25·2	19·3	5·9	3·1	30	9·4	74
15	965·5	23·4	2·8	18·9	76	21·8	110	8·1	5	19·0	22·8	24·2	20·3	24·5	19·0	5·5	4·1	50	10·4	82
16	965·5	21·8	1·0	20·3	91	23·8	110	4·9	7	20·0	21·6	23·9	19·9	24·5	19·9	4·6	8·6	90	7·5	59
17	964·7	21·5	0 7	20·4	94	24·0	110	4·0	8	19·8	21·3	23·6	21·3	24·1	19·8	4·3	21·7	155	3·0	24
18	962·8	23·0	1·4	20·9	88	24·7	110	7·2	7	21·0	22·2	25·4	22·3	25·8	20·7	5·1	4·1	35	4·4	35
19	962·7	24·9	2·8	20·6	77	24.2	160	3·1	6	21·6	24·2	25 6	21·9	26·2	21·2	5·0	0·8	5	10·3	82
20	963·0	24·8	2·7	20·7	78	24·4	180	2·7	6	20·9	24·2	26·6	21·6	27·5	20·8	6·7	0·5	5	9·0	71
21	962·6	24·1	1·8	21.4	85	25·5	280	2·2	6	20·4	23·3	26 8	22·3	27·6	19·6	7·0	0·3	0	9·7	77
22	963·3	23·4	0·5	22.7	96	27·6	340	2 7	7	21·3	23·0	27·3	22·6	27·8	21·2	6·6	6·5	45	6·2	49
23	965·4	24·7	2·6	20·7	79	24·4	315	1·8	5	19·8	24·2	27·6	20·5	27·7	19·5	8·2	0·0	0	11·8	94
24	967·0	26 3	3 4	21·2	74	25·2	110	3·1	5	20·6	25·6	26·8	22·0	28·0	20·6	7·4	0·0	0	7·4	59
25	968·2	25 9	3·0	21·4	76	25·5	135	3·6	5	21·4	25·5	27·0	22·0	27·4	21·2	6·2	0·0	0	8·3	66
26	968·2	23·9	2·0	20·9	83	24·7	125	7·2	4	21·3	23·5	23·4	20·9	26·0	21·1	4·9	14·0	120	8·5	68
27	969 3	24·4	3·5	19·0	72	22·0	110	5·4	4	20·0	24·0	25·7	20·2	26·2	19·6	6·6	0·5	5	11·7	94
28	968·5	23.5	4.3	16·5	65	18·8	135	5·4	1	19·2	23·2	24·2	19·8	25·1	19·0	6·1	0·2	0	11·7	94
—	—	—	—	—	—	—	—	—	-	—	—	—	—	—	—	—	—	—	—	—
—	—	-	—	—	—	—	—	—	-	—	—	—	—	—		—	—	—	—	—
—	—	—	—	—	—	—	—	—	-	—	—	—	—	—	—	—	—	—	—	—
Mean ...	965·6	24·2	2·5	20·4	79·9	24 0	—	5·6	5·8	20·8	23·6	25·2	21·5	26·1	20·6	5·5	213.2	1710	8·34	65·7
Average	964·2	25·0	2·5	21·3	80·0	25·3	—	3·6	7·3	—	—	—	—	27·2	21·0	6·2	307·5	2931	6·81	53·6
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

Excess of Certain Elements at Pamplemousses over the Corresponding Elements at Vacoas

Atmospheric Pressure	+	40·5 mbs.	Amount of Rain	—	155·0 mms.
Temperature of the Air		—°C	Duration of Bright Sunshine	+	39·1 hrs
Vapour Pressure		—mbs	Mean of Maximum Temperatures	+	3·2 °C
Relative Humidity		—%	Mean of Minimum Temperatures	+	2·3 °C
Velocity of Wind	+	0·4 mps.	Absolute Maximum Temperature	+	3·8 °C
			Absolute Minimum Temperature	+	1·5 °C

Table VII.—Daily Results of Meteorological Observations made during the month of February, 1950

Month and Day 1950	Atmospheric Pressure		Temperature of the Air					Excess of Air Temperature over Evaporation Temperature	Temperature of the Dew Point		Relative Humidity (Saturation = 100)		Vapour Pressure	Minimum on the Grass
	Mean	Excess above Average	Daily Maximum	Daily Minimum	Daily Range	Mean	Excess above Average		Mean	Excess above Average	Mean	Excess above Average		
FEB.	mbs.	mbs.	°C	°C	°C	C	°C	°C	°C	°C	%	%	mbs.	°C
1	1004·1	− 0·4	30·9	23·5	7·4	26·8	+ 0·9	3·8	21·1	− 1·3	71	− 9	25·1	20·3
2	1006·3	+ 1·8	30.6	25·0	5·6	27·4	+ 1 5	3·4	22·4	0·0	74	− 6	27·1	23·3
3	1005·8	+ 1·3	29·9	23·7	6·2	26·4	+ 0·5	3·4	21·4	− 1·0	74	− 6	25·4	22·7
4	1003 4	− 1·0	28·5	23·0	5·5	25 3	− 0·6	2·0	22·3	− 0·1	84	+ 4	27·0	22·5
5	1005·0	+ 0·6	28·8	23 2	5·6	25·6	− 0·3	2·4	22·0	− 0·4	81	0	26·5	22·5
6	1005·7	+ 1·3	28·5	23·3	5·2	25·5	− 0·4	3·0	21·0	− 1·4	76	− 5	24·9	21·5
7	1005·9	+ 1·5	29·4	23·7	5·7	26·1	+ 0·2	3·8	20·4	− 2·0	71	− 10	24·0	22·2
8	1006·1	+ 1·8	30·1	23·0	7·1	26·1	+ 0·2	3·9	20·2	− 2·2	70	− 11	23·7	20·0
9	1005·0	+ 0 7	27·3	24·1	3·2	25·3	− 0·6	2·3	21·9	− 0·6	81	0	26·3	22·3
10	1005·2	+ 0·9	28·4	23·5	4 9	25·5	− 0·4	2·7	21·4	− 1·1	79	− 2	25·4	21·8
11	1005·1	+ 0·7	28·6	24·0	4·6	25·9	0·0	2·8	21·8	− 0·7	78	− 3	26·1	21·8
12	1005·7	+ 1·3	26·9	24·8	2·1	25·4	− 0·4	3·3	20·4	− 2·0	74	− 7	24·0	22·4
13	1006·6	+ 2·2	28·3	23·8	4·5	25·7	− 0·1	4·1	19·3	− 3·1	69	− 12	22·5	21·9
14	1005·7	+ 1·3	28·5	21·0	7·5	24·4	− 1·4	3·9	18·3	− 4·1	69	− 13	20·9	18·0
15	1005·5	+ 1·0	26·9	21·3	5·6	23·7	− 2·1	2·2	20·3	− 2 1	82	0	23·8	19·6
16	1004·9	+ 0·4	28·1	20·5	7·6	23·9	− 1·9	3·3	18·8	− 3·6	73	− 9	21·7	18·8
17	1004·1	− 0·4	27·3	22·0	5·3	24·2	− 1·6	2·0	21·2	− 1·2	83	+ 1	25·2	18·0
18	1002·9	− 1 6	28·8	23·0	5·8	25·5	− 0·3	3·1	20·8	− 1·6	75	− 7	24·6	20·0
19	1002·3	− 2·3	30·7	23·8	6·9	26.9	+ 1·1	4·0	20·9	− 1·5	70	− 12	24·8	20·5
20	1002·1	− 2·5	30·8	22 0	8·8	26·1	+ 0·3	2·8	21·9	− 0·5	78	− 4	26·3	19·3
21	1002·0	− 2·6	30·1	21·0	9·1	25·2	− 0·6	2·1	22·1	− 0 3	83	+ 1	26·6	18·5
22	1003·2	− 1·5	30·8	22·6	8·2	26·3	+ 0·6	2·5	22·7	+ 0 4	80	− 2	27·5	20·1
23	1006·2	+ 1·5	31·1	21·0	10·1	25·6	− 0·1	2·9	21·3	− 1·0	77	− 5	25·3	17·9
24	1007·9	+ 3·1	31·8	21·5	10·3	26·2	+ 0·5	3·7	20·7	− 1·6	71	− 11	24·4	18·2
25	1007·9	+ 3·1	30·9	23·4	7·5	26·7	+ 1·0	3·7	21·1	− 1·2	72	− 10	25·1	20·1
26	1008·9	+ 4·0	29·6	24·3	5 3	26·5	+ 0·8	4·2	20 1	− 2·2	68	− 14	23·5	21·8
27	1009 5	+ 4·6	29·7	22·8	6·9	25·8	+ 0·2	4·6	18·6	− 3·7	65	− 17	21·4	18·0
28	1008·3	+ 3·4	29·0	21·1	7·9	24·7	− 0·9	5·4	15·8	− 6·4	58	− 24	18·3	17·1
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mean	1005·4	+ 0·9	29·3	22·9	6·4	25·7	− 0·1	3·3	20·7	− 1·7	74·5	− 6·9	24·5	20·4
Average	1004·5	—	29·5	22·8	6·7	25·8	—	2·3	22·4	—	81·4	—	27 0	20·5
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14

General Weather Conditions during the Month of February, 1950

Five cyclones were reported during February of which the first two both affected the north-north-east coast of Madagascar in an interval of 8 days.

On the 2nd a cyclone formed 900 miles north-east of Mauritius and moved west by south at 15–20 knots, reaching the north-north-east coast of Madagascar in latitude 15°S on the 5th. Continuing west by south it passed not far north of Majunga and reached the Mozambique Channel on the 6th. On the 7th it was centred close to the coast of Portuguese East Africa in latitude 17°S. While filling up slowly its course changed to south-west, south and south-south-east. It was of moderate intensity.

A cyclone formed on the 11th 500 miles north of Mauritius. It followed the previous one on a west by south course at moderate speed and reached the north-north-east coast of Madagascar in latitude 14°S on the 13th. It also crossed over north Madagascar into the Mozambique Channel, passing 70 miles north of Majunga on the 14th and reached the Portuguese East Africa coast not far south of Mozambique on the 15th. It was moderate to rather instense but filled up as it moved inland.

On the 14th a cyclone was reported centred 450 miles south-east of Diego Garcia. No details are available.

On the 17th a cyclone formed 500 miles north-east of Rodrigues and moved rapidly south-sout-east passing 200 miles east of Rodrigues on the 18th. It appeared to be of moderate intensity. Continuing south-south-east it was lost trace of on the 20th.

A cyclone was reported 600 miles west by south of Cocos Keeling on the 17th moving rather slowly south-south-west. No details are available.

In spite of the considerable cyclonic activity pressure at Mauritius was above normal under the influence of high pressure to the south.

Table VII *contd.*—Daily Results of Meteorological Observations made during the month of February, 1950

Month and Day 1950	Rainfall: Amount recorded by the Dines Pluviograph	Rainfall: Duration	Amount of Evaporation	Duration of Bright Sunshine	Percentage of Possible Sunshine	Observed Wind Velocity: Mean	Observed Wind Velocity: Excess above Average	Temperature of the Soil: 10 Feet	Temperature of the Soil: 5 Feet	Temperature of the Soil: 2 Feet	Temperature of the Soil: 12 Inches
FEBRUARY	mms.	mins.	mms.	hrs.	%	m.p.s.	m.p.s.	°C	°C	°C	°C
1	1·9	15	6·6	11·3	87	3·9	+ 0·5	24·9	26·4	28·4	29·7
2	3·6	25	9·0	11·3	88	3·7	+ 0·3	24·9	26·4	28·4	29·9
3	3·4	70	8·2	11·9	92	5·5	+ 2·1	24·9	26·3	28·4	30·0
4	4·4	55	8·9	9·4	73	7·9	+ 4·5	24·9	26·4	28·4	27·9
5	15·5	160	4·9	10·2	79	5·9	+ 2·5	24·9	26·4	28·3	28·1
6	3·6	65	5·8	9·8	76	4·9	+ 1·5	24·9	26·4	28·3	29·5
7	1·7	25	7·1	10·5	81	4·2	+ 0·8	24·9	26·3	28·2	29·3
8	0·0	—	8·1	12·2	95	4·1	+ 0·7	25·4	26·6	28·2	29·3
9	7·4	75	5·5	1·9	15	4·3	+ 0·9	25·8	26·7	28·1	29·5
10	0·7	20	4·6	11·0	86	6·1	+ 2·7	25·8	26·7	28·1	29·0
11	4·6	70	6·6	9·5	74	7·4	+ 4·0	25·4	26·8	27·9	28·8
12	2·7	45	6·8	4·8	37	7·6	+ 4·2	25·1	26·8	27·8	28·6
13	0·0	—	8·2	11·2	87	5·6	+ 2·2	25·9	26·8	27·8	28·3
14	1·2	20	8·0	11·0	87	4·3	+ 0·9	25·1	26·8	27·8	28·4
15	3·7	65	8·0	10·1	80	4·6	+ 1·2	25·1	26·9	27·5	28·3
16	1·1	15	6·8	8·4	66	4·6	+ 1·2	25·1	26·7	27·4	28·2
17	1·3	30	6·2	7·1	56	5·1	+ 1·7	25·1	26·6	27·3	28·1
18	0·0	—	5·9	11·5	91	5·1	+ 1·7	25·0	26·4	27·3	28·1
19	0·0	—	8·0	11·1	88	3·6	+ 0·2	25·0	26·3	27·2	28·3
20	0·0	—	8·8	7·9	63	2·0	− 1·4	25·0	26·1	27·3	29·0
21	0·0	—	5·6	12·2	97	2·6	− 0·8	25·0	26·1	27·4	28·6
22	1·4	20	7·0	11·2	89	2·6	− 0·8	25·0	26·2	27·5	29·1
23	0·0	—	7·0	11·7	93	2·3	− 1·0	25·0	26·4	27·7	29·1
24	0·0	—	9·7	10·2	81	2·4	− 0·9	25·1	26·6	27·8	29·4
25	0·0	—	9·0	7·3	58	3·3	0·0	25·9	27·0	27·9	29·9
26	0·0	—	7·0	8·8	70	4·6	+ 1·3	25·3	26·7	28·1	29·6
27	0·0	—	7·6	7·1	57	3·3	0.0	25·3	26·5	28·1	29·9
28	0·0	—	6·6	12·1	97	4·0	+ 0·7	25·3	26·3	28·0	29·3
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
Mean	58·2 Sum	775	7·2	9·74	76·5	4·48	+ 1·10	25·18	26·49	27·88	28·97
Average	197·0	1910	5·5	7·60	59·7	3·38	—	—	—	—	—
Column	15	16	17	18	19	20	21	22	23	24	25

Means and Extremes of certain Meteorological Elements during the Month of February, 1950

Element	*Highest*			*Date*	*Lowest*			*Date*
Atmospheric Pressure	1011·1 mbs	at	22.00 hrs.	on 26th	1000·3 mbs	at	15.00 hrs.	on 20th
Temperature of the Air	31·8 °C	,,	—	,, 24th	20·5 °C	,,	—	,, 16th
Daily range of temperature of the Air ...	10·3 °C	,,	—	,, 24th	2·1 °C	,,	—	,, 12th
Temperature of the Dew Point	22·7 °C	,,	—	,, 22nd	15·8 °C	,,	—	,, 28th
Daily range of temperature of the Dew Point...	—	,,	—	,, —	—	,,	—	,, —
Minimum on Grass	—	,,	—	,, —	17·1 °C	,,	—	,, 28th
Relative Humidity	84%	,,	—	,, 4th	58%	,,	—	,, 28th
Vapour Pressure	27·5 mbs.	,,	—	,, 22nd	18·3 mbs.	,,	—	,, 28th
Evaporation in 24 hours	9·7 mms	,,	—	,, 24th	4·6 mms.	,,	—	,, 10th
Wind Velocity	10.3 m.p.s.	,,	15.00 hrs.	,, 4th	—	,,	—	,, —
Rainfall in 24 hours	16·9 mms	ending	02.00 hrs.	,, 6th	—	,,	—	,, —
Duration of sunshine	12·2 hrs.		—	,, 8th & 21st	1·9 hrs.	,,	—	,, 9th

NUMBER OF DAYS OF

Rainfall: mms. 0·1—0·9	mms. 1·0—4·9	mms. 5·0—9·9	mms. 10·0—24·9	mms 25·0—39·9	mms. 40·0—54·9	mms. 55·0 and over	Lightning	Thunderstorm
1	13	1	1	—	—	—	—	—

Table VIII.—Barogram

FEBRUARY 1950

The initial 10 or 9 is omitted. The unit in the table is 0·1 millibar

Day / Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Day / Hour
Midnight	036	061	079	054	039	071	062	074	062	059	054	048	074	073	065	062	Midnight
1h	030	055	070	047	038	064	059	069	060	052	052	046	070	068	063	056	1h
2	026	053	066	038	039	060	054	070	053	047	050	044	067	065	057	050	2
3	026	046	063	035	040	059	052	062	046	044	047	044	063	063	053	048	3
4	027	051	062	032	042	055	048	060	044	044	047	044	062	060	050	047	4
5	027	053	063	033	044	051	048	070	044	044	047	045	064	060	050	046	5
6	030	060	069	035	047	053	049	063	044	049	049	052	068	060	052	047	6
7	036	062	071	041	052	060	061	066	054	058	057	061	077	063	060	053	7
8	041	066	070	042	053	061	062	067	055	060	060	066	077	063	061	054	8
9	042	070	070	042	050	063	064	069	061	060	064	059	075	063	062	056	9
10	043	071	066	044	051	065	062	061	056	063	062	066	072	062	062	055	10
11	044	069	064	042	051	063	060	071	054	053	060	068	059	060	063	053	11
Noon	044	067	060	035	047	059	055	068	051	056	056	062	064	054	060	051	Noon
13h	043	062	052	028	043	054	051	062	049	051	052	061	060	046	054	042	13h
14	039	059	045	024	043	048	049	058	043	044	044	054	055	044	043	041	14
15	034	052	041	022	040	050	050	051	040	041	042	046	052	042	041	036	15
16	032	048	038	014	042	043	050	045	033	038	042	043	052	042	040	033	16
17	037	053	041	013	043	043	053	042	033	040	040	043	052	039	041	033	17
18	043	059	044	022	043	045	057	043	039	042	042	051	055	042	044	035	18
19	046	066	049	026	058	053	062	048	046	052	049	059	062	047	052	046	19
20	057	072	053	035	064	060	063	059	053	059	050	064	069	058	058	055	20
21	064	080	049	041	067	064	075	061	055	062	052	072	075	064	060	061	21
22	063	082	060	042	073	067	080	064	060	059	051	079	078	072	064	062	22
23	062	062	060	041	074	067	081	063	061	063	046	081	077	071	063	062	23

FEBRUARY 1950—*continued*

The initial 10 or 9 is omitted. The unit in the table is 0·1 milibar

Day / Hour	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean	Day / Hour
Midnight	060	043	035	033	028	027	054	082	089	087	104	093	—	—		1006·1	Midnight
1h	053	036	028	031	022	026	051	080	084	082	102	087	—	—	—	1005·6	1h
2	046	032	023	024	022	023	049	074	082	080	100	083	—	—	—	1005·3	2
3	042	025	021	023	018	019	045	071	075	075	093	082	—	—	—	1004·9	3
4	040	025	020	023	018	017	044	071	074	075	092	080	—	—	—	1004·8	4
5	039	026	020	023	020	020	048	074	078	077	093	082	—	—	—	1005·0	5
6	040	028	022	023	021	022	051	079	079	081	096	085	—	—	—	1005·2	6
7	044	034	023	033	023	029	060	082	082	084	100	091	—	—	—	1005·8	7
8	047	036	026	035	025	034	061	084	086	089	104	095	—	—	—	1006·0	8
9	050	038	032	035	026	040	064	086	088	091	106	098	—	—	—	1006·2	9
10	050	037	032	034	024	040	064	087	088	093	105	095	—	—	—	1006·1	10
11	049	033	031	030	021	029	064	084	083	091	103	091	—	—	—	1005·9	11
Noon	044	026	024	022	016	034	063	084	082	086	098	084	—	—	—	1005·5	Noon
13h	039	022	020	013	014	029	061	079	071	085	090	080	—	—	—	1005·1	13h
14	032	021	011	005	017	024	059	072	065	084	084	074	—		—	1004·6	14
15	029	014	009	003	004	022	056	069	064	082	082	071	—		—	1004·2	15
16	024	011	009	004	004	020	056	065	063	082	080	068	—	—	—	1004·0	16
17	024	010	010	005	009	024	062	064	064	084	082	069	—	—	—	1004·1	17
18	026	021	014	006	017	029	061	069	072	091	086	075	—	—	—	1004·5	18
19	033	025	022	012	021	035	072	076	080	100	093	080	—	—	—	1005·3	19
20	042	043	026	020	024	050	079	086	085	103	096	084	—	—	—	1006·0	20
21	045	036	033	024	030	045	082	093	090	107	101	085	—	—	—	1006·3	21
22	048	040	037	027	030	049	084	095	092	111	102	085	—	—	—	1006·6	22
23	047	040	034	028	030	055	084	094	092	110	100	084	—	—	—	1006·6	23

Table IX.—Duration of Bright Sunshine at the Aerological Station, Vacoas, by the Campbell Stokes Sunshine Recorder

FEBRUARY 1950

Day / Hour Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total Hours
	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	
6h	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—	—	—	0·0
7	58	13	3	0	0	0	11	0	15	0	19	10	0	43	22	6	11	0	17	12	31	38	0	42	35	55	20	35	48	—	—	—	9·1
8	60	56	34	7	28	22	29	60	0	51	43	12	60	50	50	38	0	60	60	52	53	2	60	60	60	59	60	60	—	—	—	19·8
9	60	40	60	47	58	57	23	60	0	60	19	17	60	60	60	38	0	2	60	15	44	10	60	60	60	60	60	60	—	—	—	20·2
10	60	60	60	11	60	40	39	60	0	60	60	41	60	60	60	6	0	0	60	41	60	30	60	60	60	60	60	60	—	—	—	21·5
11	60	60	60	0	60	53	60	60	0	60	60	18	60	60	58	4	17	12	60	47	60	33	58	60	45	60	60	60	—	—	—	21·7
Noon	60	33	60	12	60	39	60	60	0	60	60	8	60	60	58	11	13	6	60	52	60	20	60	58	60	60	60	60	—	—	—	21·2
13h	60	60	60	0	60	60	60	60	0	60	57	0	60	60	33	53	20	0	22	39	60	50	60	12	60	60	60	60	—	—	—	20·8
14	60	57	60	51	60	60	60	56	0	60	55	18	30	27	60	60	27	29	51	60	60	60	60	10	52	26	60	60	—	—	—	22·1
15	60	60	46	52	60	60	60	60	0	60	45	23	2	57	60	60	17	40	60	60	60	60	60	26	18	17	60	60	—	—	—	21·7
16	60	60	55	60	60	60	39	41	0	60	32	12	18	34	60	60	39	29	60	47	47	60	60	18	11	0	60	60	—	—	—	20·0
17	50	35	60	35	60	54	60	57	9	51	1	12	33	36	60	60	38	33	60	60	37	33	60	0	15	45	60	60	—	—	—	19·6
18	4	37	47	5	58	33	44	42	4	42	2	2	50	34	60	48	9	38	56	36	0	13	60	34	0	45	60	54	—	—	—	15·3
19	6	0	0	0	3	0	5	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	7	9	0	0	6	0	—	—	—	0.6

The Total Amount of Registered Sunshine was 233·6 hrs., and the Total Possible Sunshine was 356·3 hrs.

Table X.—Duration of Bright Sunshine at the Royal Alfred Observatory by the Campbell Stokes Sunshine Recorder

FEBRUARY 1950

Day Hour / Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total Hours
	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	
6h	10	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	—	—	—	0·2
7	50	59	45	11	0	16	25	60	0	36	59	0	35	58	45	50	40	50	30	59	60	10	60	60	60	50	55	59	—	—	—	18·9
8	60	60	60	55	27	60	55	60	15	60	60	45	60	60	60	15	50	60	60	60	60	60	60	60	60	60	60	60	—	—	—	25·4
9	60	60	60	60	55	60	50	60	12	60	60	55	60	60	60	25	36	60	45	45	60	60	60	60	60	60	60	60	—	—	—	25·4
10	60	60	60	60	60	60	60	60	35	60	60	20	60	60	60	50	1	60	60	35	60	55	60	60	60	60	60	60	—	—	—	25·2
11	60	60	60	55	60	60	60	60	0	60	60	22	60	60	33	12	5	60	49	60	60	60	60	60	60	60	60	60	—	—	—	23.9
Noon	45	45	60	60	44	50	47	60	24	45	60	60	60	60	60	10	15	40	60	60	60	60	35	60	60	60	60	60	—	—	—	23·7
13h	60	60	60	30	60	60	60	60	0	60	50	10	60	60	20	42	36	60	60	36	60	60	60	60	25	55	45	60	—	—	—	22·8
14	60	60	60	60	60	60	60	60	0	49	40	17	60	60	25	60	50	60	60	25	60	60	60	60	0	17	1	60	—	—	—	21·7
15	60	60	60	45	60	45	60	60	0	50	50	5	60	50	50	60	60	60	60	20	60	60	60	60	0	36	0	60	—	—	—	21·9
16	60	60	60	54	60	60	60	60	5	60	10	15	40	60	60	60	60	60	60	0	60	60	60	59	3	45	0	60	—	—	—	21·9
17	60	60	60	60	60	40	50	60	1	60	25	35	60	60	60	60	35	60	60	9	60	60	60	2	36	20	0	60	—	—	—	21·2
18	32	45	60	16	60	17	44	60	25	60	35	5	58	10	60	60	38	60	60	55	60	60	60	8	15	5	25	60	—	—	—	19·2
19	2	0	5	0	6	0	0	10	0	0	0	0	0	0	10	0	0	0	5	10	10	5	10	0	0	0	0	5	—	—	—	1·3

The Total Amount of Registered Sunshine was 272·7 hrs. and the Total Possible Sunshine was 356·3 hrs

Table XI.—Direction and Velocity of the Wind at every Hour of the Day as recorded by the Robinson Cup Anemometer during February, 1950

The directions are given in points and the values indicate the direction from which the wind blows counting from North 32, East 8, South 16 and West 24

The Velocities are given in Metres per second, using the factor 2·2

(The days on which the Normal Trade-Winds are interrupted are indicated by an asterisk).*

FEBRUARY 1950

Day	1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16	
Hour	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
Midnight	12	1·2	10	3·0	08	2·6	10	4·9	08	6·8	08	4·2	08	4·0	09	2·4	10	2·2	08	5·5	08	5·0	08	9·4	08	6·0	10	1·7	10	2·8	11	2·2
1h	12	1·9	10	2·8	10	3·5	10	3·6	07	6·4	08	4·8	10	4·7	10	3·3	10	3·4	08	5·2	10	4·8	08	7·9	08	6·3	10	1·1	11	4·1	11	2·7
2	12	1·9	10	2·4	10	3·9	10	5·0	10	4·5	06	4·7	10	3·2	10	2·1	10	3·1	08	5·5	09	5·1	09	6·5	07	5·5	10	3·1	10	3·0	10	2·9
3	12	1·8	10	3·5	10	3·2	10	4·7	07	6·5	06	4·5	09	3·5	10	2·6	10	3·4	09	5·5	10	4·4	08	7·7	08	6·1	10	2·1	10	3·8	10	2·0
4	12	2·3	10	2·2	10	2·8	10	5·8	07	3·9	08	3·6	08	3·7	10	2·2	10	3·5	09	6·3	09	4·4	08	7·3	08	5·7	10	2·3	10	3·2	10	1·8
5	12	2·4	10	3·1	10	3·0	08	6·0	07	4·5	09	4·4	08	2·9	10	3·0	08	3·7	10	6·6	09	5·0	08	7·0	08	5·6	10	2·7	08	2·2	12	1·9
6	12	2·5	10	3·0	10	3·5	09	6·4	07	5·4	10	4·4	08	4·4	10	2·5	09	3·5	08	7·0	10	5·6	09	6·2	08	5·0	10	2·9	10	3·4	12	1·8
7	12	3·1	10	3·4	10	3·3	09	6·9	09	4·8	08	5·1	09	4·0	10	3·2	10	3·3	08	6·2	10	6·5	08	7·1	09	5.2	11	3·1	10	4·1	10	2·9
8	12	4·4	10	3·9	10	5·3	08	7·9	08	7·1	08	5·3	09	4·5	09	4·2	10	4·1	10	6·2	12	7·8	08	7·1	08	7·4	10	4·3	08	5·6	11	5·2
9	10	5·0	10	4·4	08	6·2	08	9·4	08	8·4	08	6·5	07	6·2	11	6·3	08	4·4	09	8·0	10	8·7	08	8·7	08	7·9	10	5·5	10	6·2	10	6·4
10	09	4·9	06	4·7	10	6·8	08	10·6	08	7·6	08	5·9	08	6·5	10	5·9	08	5·6	09	7·6	09	9·2	08	8·9	08	8·4	10	6·0	09	6·6	10	7·0
11	10	5·5	05	4·5	08	6·7	08	9·2	07	8·7	08	6·9	08	6·4	10	5·5	07	5·2	10	7·4	09	9·9	07	7·5	08	8·9	10	6·5	09	6·0	10	6·2
Noon	10	5·0	05	5·2	11	6·7	10	10·2	07	7·9	08	6·3	08	6·0	09	5·6	10	2·4	10	7·4	09	8·6	08	8·7	08	7·9	09	6·6	08	6·5	10	4·9
13h	08	5·5	07	5·2	11	8·0	09	10·2	07	7·3	08	6·5	08	5·3	10	5·1	09	3·6	09	7·2	10	8·8	08	7·9	07	7·4	10	7·1	08	6·0	09	7·1
14	09	5·9	07	5·0	10	8·1	08	11·2	07	6·9	09	6·3	07	5·1	10	6·2	11	4·5	10	6·9	08	8·6	08	8·3	08	7·5	09	6·3	08	5·8	11	8·2
15	09	5·9	09	5·2	10	7·6	08	10·3	07	6·6	10	6·3	08	5·0	10	5·3	10	4·9	11	6·7	08	7·9	08	10·0	08	7·1	09	6·1	10	6·0	09	7·2
16	10	5·3	06	4·4	11	7·6	09	9·9	08	6·2	08	6·2	09	4·8	10	5·1	09	5·9	09	6·6	09	6·6	08	9·0	08	6·0	09	5·9	08	6·9	11	6·7
17	09	5·4	08	5·1	09	7·4	10	9·5	08	6·6	09	5·9	10	4·7	11	6·0	10	4·9	11	6·8	09	7·8	08	9·0	09	6·4	09	6·8	08	6·6	10	6·4
18	10	4·7	08	5·5	10	6·3	09	8·1	08	6·6	10	4·8	10	4·9	10	4·1	08	5·2	10	5·8	08	8·2	08	7·6	10	5 2	10	5·4	10	4·7	10	6·3
19	10	3·5	08	4·3	10	5·9	08	8·3	08	4·6	08	3·9	10	3·2	10	3·5	10	4·4	10	4·6	08	8·2	09	7·2	10	3·7	12	3·8	11	4·1	12	4·3
20	10	3·1	09	2·7	10	6·2	08	7·6	08	4·1	09	3·0	10	2·2	11	3·2	10	4·7	11	4·1	08	8·4	08	6·1	10	2·9	08	4·5	10	3·5	11	4·3
21	10	2·9	10	2·5	10	5·7	08	7·7	08	4·1	10	2·7	10	2·0	10	4·1	11	4·4	12	5·0	08	8·0	08	6·4	10	2·0	10	2·8	11	3·5	10	3·3
22	10	3·9	10	2·2	10	5·5	09	7·2	09	3·9	10	2·4	10	2·2	10	3·2	08	4·9	11	4·1	08	8·5	08	5·8	10	1·8	10	3·0	11	3·7	10	3·7
23	09	3·7	08	2·0	10	5·3	08	7·4	09	4·1	10	2·5	08	3·3	10	4·2	09	5·6	11	4·5	08	10·1	08	5·9	10	1·7	10	2·9	11	2·9	11	4.6

FEBRUARY 1950—*continued*

Day	17		18		19		20 *		21 *		22 *		23 *		24		25		26		27		28		29		30		31		Mean
Hour	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Velocity
Midnight	10	3·4	10	4·8	12	3·0	13	2·4	14	1·0	22	1·1	23	2·0	[1]14	3·2	10	2·4	10	2·2	12	2·8	11	2·8	—	—	—	—	—	—	3·4
1h	11	3·2	09	5·5	12	3·4	14	1·7	14	0·7	24	1·3	23	1·1	12	1·8	10	2·2	10	2·6	12	2·2	10	2·4	—	—	—	—	—	—	3·4
2	12	4·0	10	5·2	12	4·7	14	1·6	14	1·1	24	0·9	23	1·4	12	1·1	10	2·6	10	2·9	11	2·4	10	2·0	—	—	—	—	—	—	3·3
3	12	3·8	10	3·9	12	2·8	14	2·3	14	1·1	24	1·1	23	1·2	12	0·7	10	1·8	10	4·2	11	2·2	10	2·9	—	—	—		—	—	3·3
4	12	3·1	10	3·2	12	1·8	13	1·8	14	1·1	30	0·9	23	1·3	12	1·0	10	2·7	10	3·3	11	2·5	10	2·9	—	—	—	—	—	—	3·1
5	12	2·0	10	3·1	12	2·3	13	0·8	14	0·7	30	1·1	23	1·3	11	1·2	12	2·1	10	3·6	11	2·5	10	2·8	—	—	—	—	—	—	3·1
6	12	1·9	10	3·4	12	2·8	13	1·1	14	1·2	30	1·1	23	1·4	12	1·1	12	2·7	10	3·8	11	2·7	10	3·0	—	—	—	—	—	—	3·3
7	13	3·8	10	3·2	14	1·5	13	0·6	14	1·1	30	0·6	18	1·2	12	1·3	12	2·2	10	3·4	11	3·0	10	3·1	—	—	—	—	—	—	3·5
8	12	4·3	09	4·9	14	2·8	17	1·2	18	1·8	30	2·1	18	1·2	10	3·3	10	3·9	10	4·5	10	4·0	11	4·1	—	—	—	—	· ·	—	4·6
9	10	6·0	08	5·4	13	3·6	18	1·8	22	2·9	30	4·0	22	1·9	08	3·6	09	4·1	10	6·8	08	5·5	12	5·1	—	—		—	—	—	5·7
10	08	6·0	10	6·2	12	4·4	24	2·7	23	4·1	28	4·4	22	2·4	06	3·3	09	4·6	11	5·7	10	5·3	10	5·2	—	—	—	—	—	—	6·0
11	10	5·7	10	6·9	10	4·7	22	3·0	23	5·0	27	3·6	24	3·3	06	3·5	10	4·7	10	6·0	08	5·1	10	5·0	—	—	—	—	—	—	6·0
Noon	10	5·3	09	7·0	13	4·6	22	4·3	21	5·4	30	4·2	22	4·3	06	4·0	08	4·4	09	6·6	10	4·5	10	4·9	—	—	—	—	-	—	5·9
13h	10	6·5	11	7·4	12	5·7	20	5·0	[2]2	5·3	24	4·3	22	4·0	06	3·4	11	3·0	10	6·8	10	4·7	10	5·2	—	—	—	—	—	—	6.0
14	10	7·2	10	6·9	13	6·1	18	3·7	22	5·7	24	4·6	23	5·0	06	2·9	10	3·9	10	6·3	10	3·3	10	5·4	—	—	—	—	—	—	6.1
15	10	7·2	09	7·6	12	5·6	[3]10	2·0	22	5·7	26	4·3	22	4·8	07	3·1	14	1·6	09	7·1	16	2·1	10	5·7	—	—	—	—	—	—	5·9
16	10	7·1	10	8·0	12	6·0	06	1·9	21	5·4	24	4·2	22	4·5	08	3·0	10	3·4	11	6·0	11	3·2	12	6·1	—	—	—	—	—	—	5·8
17	10	7·2	11	7·8	14	5·4	02	2·2	23	4·4	24	3·6	22	4·2	15	1·7	11	4·7	11	6·1	10	3·9	12	6·2	—	—	-	—	—	—	5·8
18	08	6·8	11	5·8	14	4·2	02	1·9	22	3·3	22	3·2	22	3·0	14	2·1	11	4·2	10	4·5	11	4·8	11	5·6	—	—	—	—	—	—	5·1
19	10	4·7	12	3·4	14	2·8	[4]14	2·3	21	2·7	23	1·9	22	2·0	14	2·4	10	3·8	11	4·1	12	2·8	12	4·1	—	—	—	—	-	—	4·1
20	12	5·6	14	3·0	14	1·7	14	1·8	22	1·3	24	2·3	22	1·1	10	2·8	11	3·9	10	2·7	12	2·5	11	2·7	—	- ·	—	—	—	—	3·6
21	10	5·3	14	3·0	14	2·6	14	1·4	22	0·6	23	1·9	22	1·4	10	2·3	11	3·3	12	3·3	12	1·8	11	3·5	—	—	—	—	—	—	3·5
22	10	5·3	13	3·4	14	3·1	14	0·8	22	0·6	24	2·4	22	1·3	10	3·3	11	3·2	12	2·9	12	2·5	11	2·3	—	—	—	—		—	3·5
23	10	5·3	12	3·9	14	2·1	14	0·9	22	0·8	23	1·8	22	0·9	10	2·8	10	2·7	12	3·6	11	2·1	12	2·1	—	—	—	—	-	—	3·5

Table XII.—Wind Frequency (Number of Observations), February, 1950

Hour	Force (0—12)			Directions															
	8 or above	4 to 7	0 to 3	N.	N.N.E.	N.E.	E.N.E.	E.	E.S.E.	S.E.	S.S.E.	S.	S.S.W.	S.W.	W.S.W.	W.	W.N.W.	N.W.	N.N.W.
3	...	4	24	...	...	...	1	5	13	5	2	...	...	...	...	2	...	..	...
9	...	16	12	...	..	...	...	14	7	3	...	...	1	...	2	...	...	...	1
15	...	8	10	...	...	...	...	12	9	2	1	1	...	...	2	...	1	...	...
21	...	4	24	...	...	...		4	11	7	3	...	...	...	2	1	...	...	...
Total ...	...	...	...	...	...	...	1	35	40	17	6	1	1	...	6	3	1	...	1

Table XIII.—Rainfall at every Hour of the Day at the Royal Alfred Observatory, February, 1950

Day / Hour ending	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1h	...	...	0·4	1·5	0·7	1·7	...	...	...	...	...	...	...	...	1·5	...	...	...	...	...	...	1·2	...	...	...	...	...	...	...	...	...
2	...	...	0·5	...	...	0·4	...	...	...	0·6	0·2	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	..	1·8	4·7	0·9	. .	...	...	...	...	...	...	...	0·7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	0·3	0·8	1·0	0·3	...	...	...	...	...	...	...	...	0·1	...	...	...	...	...	...	0·2	..	...	...	...	...	...	...	...	...
5	...	...		...	2·7	...	...	...	...	...	...	...	...	...	0·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	0 5	...	5·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...
7	..	...	...	...	0·3	...	1·6	...	1·3	0·1	...	...	...	...	0·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	...	...	...	0·3	...	0·3	...	...	...	...	...	0·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	1·7	...	...	1·9	...	...	0·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Noon	...	0·7	...	...	...	...	...	...	0·5	.	...	...	...	...	0·1	...	0·6	...	...	...	...	...	...	...	..	...	...	...	...	...	...
13h	...	...	...	...	...	...	...	...	0·1	...	...	...	...	...	0·6	0·1	0·6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	...	...	..	...	.	0·3	...	...	...	...	...	...	..	...	..	...	...	..	...	...	...	...	...	...	...
15	...	...	...	...	...	..	...	...	...	...	0·8	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...	...	...	1·5	...	...	0·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	1·9	0·4	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	0·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	3·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...
20	...	1 3	.	..	...	...	...	...	0 6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...
21	..	1·4	...	...	..	...	0·1	...	...	...	..	...	...	0·8	...	...	0·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...		1 2	...	...	...	.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	0·2	0·5	...	0·4	...	...	...	...	...	...	...	...	...	...	1·0	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...
24	1·9	.	...	...	0·2	...	...	...	...	...	...	...	...	0·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Table XIV.—Rainfall at every Hour of the Day at the Aerological Station, Vacoas, for February, 1950

Day / Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1	...	...	1·2	2·0	0·1	2·6	...	...	0·2	0·7	0·4	...	...	0·2	1·2	...	...	...	0·1	...	0 3	0·4	...	...	...	...	...	0·2	...	...	...
2	...	...	0·4	0·9	4·0	1·3	...	...	0·4	0·2	0·7	...	...	...	0·2	...	...	...	0·5	...	...	...	...	...	...	..	...	...	...	...	...
3	...	...	...	5·2	8·2	3·4	0·5	...	0·2	...	0 6	...	...	...	1·0	0·7	...	...	...	...	...	1·4	...	...	...	0·8	...	...	...	...	...
4	...	...	...	5·0	0·8	0·2	...	...	...	0·2	3·2	...	...	...	0·2	1·4	..	...	...	...	...	...	...	..	...	4·7	...	..	...	...	...
5	..	...	0·6	3·0	0·4	1·0	1·2	...	0·1	...	0·4	...	...	...	..	0·7	...	...	...	...	...	0·1	...	...	...	5·7	...	...	...	...	...
6	...	...	..	2·0	0·5	0·2	...	...	0·9	...	...	...	...	...	...	1·0	...	...	0·2	...	...	...	...	...	...	2·8	...	...	...	...	...
7	...	...	0·6	5·8	...	...	1·4	...	1·2	...	...	0·7	...	...	0·3	...	...	...	...	0·1	...	0·2	...	...	...	...	...	...	...	...	...
8	...	...	...	2·0	...	0·2	0·3	...	2·6	...	...	...	...	...	0·1	...	1·8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	...	1·9	...	0·5	...	...	0·2	...	11·8	...	...	0·9	...	...	...	...	1·4	0·1	...	...	...	0·9	...	...	...	...	...	...	...	...	...
10	...	...	...	3·0	...	...	...	...	9·6	...	...	...	...	...	...	0·5	3·9	..	...	...	...	0·2	...	...	...	...	...	...	...	...	...
11	...	...	..	3·0	...	...	...	...	1·8	...	...	...	...	...	...	0·2	4.4	0·2	...	...	...	...	...	...	...	...	...	...	..	...	...
Noon	...	...	...	3·9	...	...	...	...	0·3	...	...	0·2	...	...	...	0·9	0·2	0·6	...	...	...	...	...	...	...	...	...	...	...	...	...
13h	...	...	...	0·7	...	...	...	...	0·3	...	...	...	...	...	...	...	0·5	0·8	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	1·0	...	...	...	...	...	...	...	0·2	...	...	0·1	...	2·2	1·2	...	...	...	...	...	...	...	...	...	...	...	...	..
15	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	3·4	0.3	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	0·7	...	...	...	...	...	0·1	...	0·5	...	...	...	...	...	0·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	0·7	...	0·5	..	...	...	...	...	...	3·3	...	...	0·2	...	..	0·4	...	...	..	...	...	...	...	...	...	...	...	...	...	..
18	0·7	...	...	0·4	...	...	...	...	0·2	...	2·3	...	...	0·1	...	...	1·9	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	..	...	0·3	0·1	...	0·3	...	...	0·6	...	1·0	1·3	...	0·4	0·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	0·1	0·1	1·5	0.4	...	...	...	...	2·9	...	0·6	0·1	...	0·5	...	...	0·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	0·6	0·7	4·0	0·2	...	...	...	...	1·5	...	1·1	...	...	0·6	0·5	0·2	0·6	...	...	0·4	...	...	...	...	...	...	...	...	...	...	...
22	0·3	...	1·3	..	...	...	...	...	1·8	...	0·5	...	...	...	...	1·1	0·1	...	...	..	...	3·3	...	...	...	...	..	...	...	...	...
23	0·1	...	0·2	0·3	1·3		...	0·3	0·9	...	...	...	...	0·9	...	1·9	...	...	...	...	...	...	...	...	...	..	0·5	...	...	...	...
24	...	...	0·9	2·2	1·1	0·1	...	0 9	1·8	...	...	...	...	0·2	0·1	...	0·5	0·9	...	...	...	...	...	...	...	...	...	...	...	...	...

Table XV.—Total Monthly Rainfall at Various Stations in Mauritius according to Districts, February, 1950

Districts	Stations	Approximate Altitude in feet.	Total fall in inches.	Total fall in mms.	Normal in inches.	Number of days
B. River	Albion Ltd. Bambous ...	—	1·17	29·7	—	9
	Anna Ltd., Bambous ...	—	—	—	—	—
	Beau Songe	—	—	—	—	—
	Case Noyale	—	—	—	—	—
	Clarens ...	—	1.87	47·5	—	8
	Govt. School, Bambous ...	—	1·34	34·0	—	5
	Grande Rivière Noire ...	—	—	—	—	—
	La Ferme	—	2·95	74·9	—	8
	La Mecque	—	2·60	66·0	—	6
	Médine	—	4·66	118·3	—	9
	Mon Desir, Tamarin ...	—	1·80	45·7	—	6
	Palma	—	—	-	—	—
	Palmyre	—	3·89	98·8	—	10
	Petit Verger	—	—	—	—	—
	Pierre Fonds	—	4·96	126·0	7·96	13
	Richelieu	—	0·78	19·8	—	9
	Tamarin	-	2·40	61·0	—	11
Port Louis	Abercrombie Nursery ...	—	2·91	74·0	—	18
	Line Barracks	—	2·08	52·9	—	14
Pamousses	Beau Plan	—	2·46	62·5	—	12
	Belle Vue (Harel) ...	—	2·82	71·6	—	10
	Belle Vue (Maurel) ..	—	2·96	75·2	—	13
	Bois Rouge (de St. Romain)	—	—	—	—	—
	Botanical Gardens ...	325	2·41	61·1	8·97	16
	California	—	4 99	126·7	—	11
	Couroupa	—	—	—	—	—
	Fond du Sac (Ramlagan) ...	—	—	—	—	—
	Govt. School, Pl. des Papayes	—	5·96	151·3	—	11
	La Nicolière	—	4·50	114·3	12·75	20
	Montagne Longue ...	—	—	—	—	—
	Mapou	—	—	—	—	—
	Massilia and Balaklava ...	—	—	—	—	—
	Mont Choisy, Grand Bay ...	—	2·00	20·8	—	11
	Mon Mascal, Grand Bay ...	—	2·05	52·1	—	6
	Mon Piton	680	3·37	85·6	10·41	11
	Mon Songe (Mapou) ...	620	4·86	123·4	9·94	13
	Rouge Terre, Fond du Sac ...	—	2·60	66·0	—	3
	Solitude	175	1·49	37·8	5·19	7
	Sottise, Mapou	—	2·55	64.8	—	14
	Terre Rouge	-	-	—	—	—
	The Observatory ...	179	2·29	58·2	7·51	16
	Maison Blanche ..	—	3·52	89·4	—	11
	Le Souvenir	—	2·91	73·9	—	9
	Notre Dame (La Nouvelle Industrie Ltée)	—	2·56	65·0	—	12
	Pamplemousses Experiment Station	—	3·22	81·8	—	15
Rivière du Rempart	Antoinette	640	5·37	136·4	9·99	12
	Beau Bois, B. Verdiere ...	—	7·15	181·6	—	22
	Beau Séjour	300	3·10	78·7	9·24	17
	Bel Etang	—	—	—	—	—
	Bel Mont	50	2·29	58·2	6·90	12
	Esperance (Harel) ...	—	—	—	—	—
	Esperance (Souchon) ..	—	2·31	58·7	—	13
	Forbach	—	1·86	47·2	7·94	9
	Govt. School Grand Bay ...	—	1·19	30·3	—	15
	Haute Rive	—	—	—	—	—
	Ile d'Ambre	—	1·40	35·6	—	4
	Labourdonnais ...	290	2·33	59·0	8·55	9
	L'Amitié	—	—	—	—	—
	Mare Sèche, Grand Bay ...	20	—	—	—	—
	Mon Choix	700	3·03	77·0	9·71	11
	Mon Loisir (Lagesse) ...	—	2·45	62·2	—	14
	Mon Loisir (Rouillard) ...	—	—	—	—	—
	Mon Tracas (Audibert) ...	—	—	—	—	—
	Petit Raffray, Mapou ...	—	—	—	—	—
	Poudre d'Or	20	2·47	62·7	6.48	12
	Ravensworth	—	4·93	125·2	—	14
	Schoenfield	—	—	—	—	—
	St. Antoine	50	2·33	69·2	6·31	13
Flacq	Australia, Pont Praslin ...	—	3·06	77·7	—	14
	Beau Bois, St. Julien ...	—	3·65	92·7	—	11
	Beau Champ, G.R.S.E. ...	20	2·81	71·4	7·44	16
	Bel Etang	—	6·77	172·0	—	19
	Belle Mare, Argy ...	—	—	—	—	—
	Belle Rive	400	5·06	128·5	10·44	19
	Belle Vue (Allendy) ...	—	4·16	105·7	8·80	13
	Bois Clair	—	—	—	—	—
	Brisée Verdière ...	—	—		—	—
	Camp de Masque ...	—	—	—	—	—
	Caroline, Bel Air ...	—	—	—	—	—
	Castel Estate, Bel Air ...	—	—	—	—	—
	Clemencia	—	—	—	—	—
	Constance La Gaieté ...	100	5·37	136·4	8·53	12
	Deep River	—	4·73	120·1	—	16
	Etoile	—	4·51	114·6	—	15
	Govt. School Central Flacq	—	1·40	35·5	-	16
	Govt. School, G.R.S.E. ...	—	2·48	62·9	—	15
	Grande Retraite ...	—	4·05	102·9	—	7
	Grosse Roche	—	—	—	-	—
	La Lucie, Bel Air ...	—	—	—	—	—
	Melrose, Montagne Blanche	—	—	—	—	—
	Olivia	400	3·79	96·3	10·81	18
	Palmar	—	1·37	34·3	—	16
	Petite Etoile, Bel Air ...	—	—	—	—	—
	Petite Victoria ...	—	—	—	—	—
	Queen Victoria ...	—	4·01	101·9	—	12
	Rich Fund, St. Julien ...	—	5·20	132·1	—	13
	Terres Franches ...	—	4·73	120·1	—	10
	Terres Rocheuses ...	—	5·89	149·6	—	13
	Riviere Seche	—	6·00	152·4	—	10
	Ruisseau Rose	—	—	—	—	—
	Sans Souci	900	10.65	270·5	16·13	22
	Sebastopol	—	—	—	—	—
	Trois Ilots	—	3·00	76·2	—	17
	Union Regnard S.E. ..	600	5·98	151·9	10·21	20
	Unite	—	—	—	—	—
	Beau Rivage S. R. ...	—	3·36	85·3	—	11
G. Port	Anse Jonchée	—	3·12	79·2	—	15
	Astroea, Cluny ...	—	10·53	267·5	—	24
	Beau Lieu, Union Park ...	—	—	—	—	—
	Beau Vallon (La Cour) ..	—	2·63	66·8	—	12
	,, (Partie Haute) ...	—	3·08	78·2	—	12
	Deux Bras	—	8·67	220·2	—	17
	Eau Bleu, Cluny	—	—	—	—	—
	Ferney	20	3 90	99·1	11·45	15
	Grand Bois, Rose Belle ...	—	—	—	—	—
	Gungah Frères, New Grove	—	—	—	—	—
	Khoyratty, Escalier ...	—	—	—	—	—
	La Vallée, Cluny ..	—	—	—	—	—
	Le Vallon	—	—	—	—	—
	Mare d'Albert	—	—	—	—	—
	Mon Désert Carié ...	75	3·20	81·3	8·04	15
	Mon Trésor	—	3·54	89·9	—	12
	New Grove	650	4·52	114·8	15·12	17
	Plaisance Airfield ...	160	3·30	83·7	—	22
	Riche-en-Eau	—	4·00	101·6	—	15
	Rose Belle	850	9·49	241·0	17·65	23
	Sauve Terre	—	3·20	81·3	—	13
	Savinia	—	4·28	108·7	—	15
	Ste. Hélène	—	3·61	91·7	—	14
	St. Hubert, Cluny ...	—	10·10	256·5	—	11
	Ste. Madeleine, Cluny ...	—	—	—	—	—
	Union Park	—	—	..	—	—
	Union Vale	—	3.67	93·2	—	14
	La Baraque	—	5·01	127·3	—	16
Savanne	Baie du Cap	—	—	—	—	—
	Beau Bois	—	7·15	181·6	—	22
	Beau Champ, B. du Cap ...	70	4·69	119·1	7·82	19
	Beau Climat	—	11·40	289·6	—	18

Table XV contd.—Total Monthly Rainfall at Various Stations in Mauritius according to Districts, February, 1950

Districts	Stations	Approximate altitude in feet	Total fall in inches	Total fall in mms.	Normal in inches	Number of days
avanne	Bel Air, Montocchio ...	—	—	—	—	—
	Bel Air (St. Félix) ...	—	4·35	110·5	8·70	17
	Bel Air, Chemin Grenier ...	—	—	—	—	—
	Bel Ombre	40	5·61	142·5	8·40	19
	Bénarès	—	5·29	134·4	—	18
	Bois Chéri Tea Factory ...	—	9·18	233·2	—	25
	Britannia	700	6·09	154·7	13·83	20
	Camp Diable	—	—	—	—	—
	Cascades	—	—	—	—	—
	Chamouny, Chemin Grenier	—	—	—	—	—
	Choisy, Baie du Cap ...	200	—	—	7·45	—
	Colmar	400	7·09	177·8	11·08	21
	Combo	—	6·41	162·8	—	19
	Fontenelle	320	6·03	153·2	8.61	19
	Frederica	—	7·55	191·8	8·43	17
	Joli Bois: Rivere Dragon ...	—	—	—	—	—
	La Flora	1,050	9·11	231·4	16·07	19
	Luchon	—	—	—	—	-
	Martiniere, Souillac ...	—	—	—	—	—
	Plaines Longaues ...	—	—	—	—	—
	Riche Bois	650	6·19	157·2	10·72	21
	Ruxa, R. des Anguilles ...	—	5.85	148·6	—	18
	Savannah	200	4·78	121·4	10·32	16
	St. Aubin	300	5·17	131·3	9·35	20
	St. Avold	900	7·03	178·6	15·01	20
	St. Félix	—	4·33	110·0	—	13
	Ste. Marie ..	—	4·40	111·8	—	18
	Terracine	—	5·23	132·8	—	18
	Tivoli	1,300	7·42	188·5	17·69	20
	Union S.E.	—	5·57	141·5	8·54	18
	R. des Anguilles Estate ...	—	5·36	136·1	—	15
laines Wilhems	Aerological Station, Vacoas	1,393	8·39	213·2	13·15	24
	Bagatelle	1,250	6·21	157·7	14·10	17
	Barkly, Beau Bassin ...	—	—	—	—	—
	Bassin, Quatre Bornes	—	5·44	138·2	9·50	16
	Belle Vue (Martin) ...	—	0·42	10·7	—	2
	Chebel	—	1·09	27·7	—	5
	Clermont, Petite Rivière	—	—	—	—	—
	Curepipe Gardens ..	1,840	15·77	400·5	17·16	23
	Curepipe, Royal College ..	—	14·52	368·8	—	22
	Ebène	—	3·47	88·1	—	17
	Floréal	—	—	—	—	—
	Gros Cailloux, Pte. Rivière	—	1·05	26·7	—	4
	Henrietta	—	8·91	226·3	—	23
	Highlands	1,000	9·53	242·1	12·08	20
	Crown Land Wootton ...	—	—	—	—	—
	La Marie Filter Beds ...	1,700	13·66	347·0	15·40	23
	Les Rosieres, Pte. Riviere	—	0·56	14·2	—	4
	Maigré Tout, Pte. Riviere	—	0·75	19·1	—	2

Districts	Stations	Approximate Altitude in feet	Total fall in inches	Total fall in mms.	Normal in inches	Number of days
Plaines Wilhems	Moon	—	6·01	152·7	—	21
	Mare-aux-Vacoas (Arn.) ...	1,830	16·68	423·7	18·39	27
	Mare-aux-Vacoas (G.End.)	1.850	19·58	497·3	18·33	26
	Midlands Dam ...	—	12·56	319·0	—	20
	Nouvelle France ..	—	—	—	—	—
	Paro-aux-Cerfs (Tea Plantations)	—	13·32	338·4	—	21
	Pétrin	—	18·82	478·0	—	25
	Phœnix	—	7·02	178·3	—	8
	Quatre Bornes... ..	1,090	3·34	84·8	—	11
	Réunion	1,420	11·88	174·8	13·60	23
	Rochis Brunes, B. Bassin	—	—	—	—	—
	Tamarin-Falls	—	11·19	284·2	—	19
	Trianon	950	4·42	112·3	10·77	13
	Mare Longue	—	15·18	381·0	—	25
Moka	Alma	1,460	9·02	229·1	18·15	19
	Bega	—	2·31	58·7	—	14
	Beau Bois (Moka) ...	—	—	—	—	—
	Bonne Veine	400	8·37	212·6	15·48	14
	Chantenay, Moka .	—	5·11	129·8	—	20
	Circonstance	—	—	—	—	—
	Cote d'Or	—	5·00	127·0	—	8
	Helvetia	—	—	—	—	—
	Hermitage	1,450	7·73	196·3	15·57	13
	Le Reduit	1,000	3·36	85·3	10·05	20
	Minissy	1,150	4·98	126·5	12·11	17
	Mont Desert	—	1·25	31·8	—	5
	Mont Ida, Q. Militaire ...	—	—	—	—	—
	Mont Pevril	—	4·80	121·9	—	17
	Mon Rêve	—	4·05	102·9	—	17
	Réduit Ltd., Moka ..	—	—	—	—	—
	Ripailles; St. Pierre ...	—	—	—	—	—
	Piton du Milieu Reservoir .	—	12·00	304·8	—	24
	Flat Island	—	1·83	46·5	—	6
Rodrigues	Oyster Bay	—	9·31	236·4	—	22
	Point Venus	—	8·86	225·0	—	23
	Solitude	—	7·09	180·0	—	19
Chagos-Archipelago	Diégo-Garcia, Met. Station	—	11·71	297·4	—	22
	Peros Banhos	—	10·08	256·0	—	6
	Salomon Islands (Boddam)	—	11·40	589·6	—	7
Cargados Carajos	St. Brandon	—	6·82	173·1	—	19
Agalega	Met. Station	—	7·48	190·3	—	20

Table XVI.—Observations of Pilot Balloons, month of February, 1950

Date	Time	1,000 feet		3,000 feet		5,000 feet		7,000 feet		10,000 feet		13,000 feet		15,000 feet		17,000 feet		20,000 feet		25,000 feet		30,000 feet	
		Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.
1	08·35	12	16	10	11	12	08	09	11	10	10	13	07	...	...	...	...	...	...	...	...	...	...
2	08·38	10	18	10	17	09	14	08	12	09	12	10	13	10	09	08	10	...	...	...	...	...	...
3	08·24	11	28	11	22	10	24	09	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	08 38	11	28	11	29	11	34	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	08·30	10	31	09	29	09	28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	08·35	10	18	10	25		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	08·37	09	27	08	25	08	24	08	11	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	08·30	12	24	12	24	07	13	09	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	08·47	10	23	10	27	10	28	09	30	10	30	...	...	...	...	...	...	...	...	...	...	...	...
10	08·31	12	27	10	20	10	29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	10·24	12	31	12	30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	08·35	33	43	33	63	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	08·30	10	23	09	28	08	18	08	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	08 35	12	14	12	26	09	10	08	15	08	19	...	...	...	...	...	...	...	...	...	...	...	...
15	08·47	11	26	12	20	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	08·40	13	15	11	15	10	07	11	16	...	...		...	...	...	...	...	...	...	...	...	...	...
17	08·38	12	20	12	20	12	14	12	14	...		...	...	...	...	...	...	...	...	...	...	...	...
18	08·38	12	19	12	18	12	14	13	12	13	09		...	...	...	...	...	...	...	...	...	...	...
19	08·35	16	15	15	10	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	08 40	23	03	18	12	18	30	...	...		...		...	...	...	...	...	...	...	...	...	...	...
21	08 34	23	07	23	06	25	06	26	08	19	11	...	...	...	...	...	...	...	...	...	...	...	...
22	08·48	32	09	30	06	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	11·15	30	04	26	08	27	09	28	07	29	05	...	...	...	...	...	...	...	...	...	...	...	...
24	09·24	09	06	09	11	09	11		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	08·33	13	12	12	03	10	03	35	05	32	02			...	...	...	...	...	...	...	...	...	...
26	08·47	13	26	12	20	17	02	03	05	31	04	21	08	20	02	...	...	...	...	...	...	...	...
27	08.42	11	19	13	10	16	06	26	19	19	06	...	...	...	...	...	...	...	...	...	...	...	...
28	08.55	13	10	16	05	35	02	10	08	13	11	...	...	...	...	...		...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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COLONY OF MAURITIUS

Royal Alfred Observatory, Mauritius

(LATITUDE 20° 5′ 39″ S.—LONGITUDE 3h 50m 12·6s E.)

RESULTS

OF

Magnetical and Meteorological Observations

FOR THE MONTH OF

MARCH, 1950

N. R. McCURDY, B.Sc.
Director.

Published by Authority of His Excellency the Governor

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JUL 23 1954
WEATHER BUREAU

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Table I—Results of Magnetical Observations made during the month of March, 1950

Month and Day	Mean: Declination (West)	Mean: Horizontal Force (C.G.S. Units)	Mean: Vertical Force (C.G.S. Units)	Daily Range: Declination	Daily Range: Horizontal Force (Unit 1 γ)	Daily Range: Vertical Force (Unit 1 γ)
MARCH				′		
1	—	—	—	—	—	—
2	—	—	—	—	—	—
3	—	—	—	—	—	—
4	—	—	—	—	—	—
5	—	—	—	—	—	—
6	—	—	—	—	—	—
7	15°39·9	—	—	6·8	—	—
8	38·4	—	—	11·0	—	—
9	40·1	·22327	—	9·8	58	—
10	41·4	336	—	7·2	35	—
11	39·0	339	—	11·2	23	—
12	38·4	340	—	9·0	32	—
13	36·9	339	—	10·6	45	—
14	38·1	336	—	8·2	55	—
15	36·9	319	—	5·6	52	—
16	37·5	312	—	8·0	43	—
17	37·6	312	—	9·6	39	—
18	—	311	—	—	40	—
19	—	—	—	—	—	—
20	—	—	—	—	—	—
21	—	—	—	—	—	—
22	37·7	267	·30367	7·6	29	35
23	—	281	359	—	37	43
24	—	284	364	—	38	20
25	—	294	362	—	40	29
26	—	—	360	—	—	36
27	—	309	359	—	64	36
28	38·5	303	365	7·4	55	20
29	37·8	—	—	8·4	—	—
30	38·0	—	—	7·0	—	—
31	37·5	309	354	7·2	56	37
Mean	15°38′·36	·22313	·30361	8′·54	43·0	32·0

Magnetic Disturbances—March, 1950

No Register from the 1st to the 7th owing to defects of gas plant.

10d. Slightly disturbed.

12d. Slightly disturbed.

14d. Moderately disturbed.

15d. Moderately disturbed.

18d. Slightly disturbed.

19d. Very disturbed period starting at 9^h10 and ending at 04^h on 20th. The range was over 225γ.
No register from the 20th at 18^h to the 21st at 13^h20^m.

21d. Very disturbed period starting at 13^h30^m and ending at 01^h10 on 22nd. The range was over 225γ.

22d. Moderately distturbed.

26d. Moderately disturbed.

30d. Slightly disturbed.

31d. Moderately disturbed.

T=·37678: Mean Dip=53°41′·22: X=·21487: Y=−·060150: Z=·30361

Table II.—Results of the Absolute Determinations of the Magnetic Elements made during the month of March, 1950

Declination (West)		Horizontal Force		Dip (South)		Resulting Vertical Force
Day and Hour	Observed Value	Day and Hour	Observed Value	Day and Hour	Observed Value	
d h m	° ′	d h m		d h m	° ′	
6 9 20	15 41·47	2 9 50	·22320	6 9 10	53 40·67	·30380
13 9 45	15 42·17	6 9 50	·22312	13 9 55	53 42·13	·30376
20 9 17	15 41·83	13 9 25	·22337	20 9 07	53 41·50	·30378
27 9 53	15 40·50	20 9 37	·22317	27 9 43	53 40·83	·30382
		27 9 20	·22322			
		31 9 27	·22325			

Table III.—Magnetic Declination West at every Hour of the Day as deduced from the Photographic Records

MARCH 1950

15° +

Day / Hour	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day / Hour
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	
Midnight	—	—	—	—	—	—	40·8	40·0	40·0	42·0	40·1	38.4	37·8	37·4	38·0	38·0	Midnight
1h	—	—	—	—	—	—	40·7	40·0	39·8	42·2	40·2	38.8	38·0	37·6	38·2	38·2	1h
2	—	—	—	—	—	—	40·2	39·8	39·6	42·4	40·4	40.0	38·0	37·7	37·8	38·4	2
3	—	—	—	—	—	—	40·6	39·0	39·8	42·6	40·6	40·1	38·3	37·8	37·7	38·8	3
4	—	—	—	—	—	—	40·2	38·8	39·7	42·8	41·0	40·2	38·4	38·0	37·4	39·0	4
5	—	—	—	—	—	—	39·0	38·4	40·2	43·0	41·2	40·4	38·6	38·2	38·0	39·1	5
6	—	—	—	—	—	—	39·8	40·0	40·6	44·0	41·4	40·6	38·8	39·0	39·6	39·2	6
7	—	—	—	—	—	—	40·1	42·0	41·0	42·8	42·5	41·2	40·0	40·2	37·0	40·4	7
8	—	—	—	—	—	—	41·4	43·4	43·0	43·2	44·0	42·0	40·2	41·2	37·2	41·2	8
9	—	—	—	—	—	—	42·4	43·8	43·8	44·5	43·0	42·4	42·0	42·4	38·4	42·0	9
10	—	—	—	—	—	—	43·0	41·0	42·4	45·2	41·6	42·2	41·6	42·8	38·0	40·0	10
11	—	—	—	—	—	—	42·0	37·2	41·0	43·0	38·0	40·0	40·0	42·0	36·0	38·0	11
Noon	—	—	—	—	—	—	40·0	34·4	39·2	41·2	36.5	37·4	36·0	40·0	35·0	36·0	Noon
13h	—	—	—	...	—	—	38·0	33·0	36·0	40·0	35·0	35·2	33·6	37·6	34·8	35·4	13h
14	—	—	—	—	—	33·0	37·0	33·0	34·0	40·0	33·8	33·4	31·0	35·4	34·0	34·0	14
15	—	—	—	—	—	32·0	36·2	32·8	34·6	40·2	32·8	34·0	31·4	34·8	34·2	34·2	15
16	—	—	—	—	—	34·8	38·0	34·4	36·0	38·0	34·2	35·2	32·0	34·6	34·6	34·6	16
17	—	—	—	—	—	37·0	37·8	36·2	39·0	38·6	37·0	36·0	34·0	36.0	36·0	35·6	17
18	—	—	—	—	—	38·0	38·6	38·0	40·6	39·0	38·0	36·2	35·2	36·2	37·2	36·0	18
19	—	—	—	—	—	38·6	39·8	38·6	42·0	39·4	38·4	36·8	35·6	36·8	37·4	36·0	19
20	—	—	—	—	—	40·0	39·9	39·4	42·6	39·6	38·6	37·4	35.8	37·0	37·4	36·0	20
21	—	—	—	—	—	40·0	40·0	39·6	42·8	39·8	39·0	37·6	36·0	37·2	37·6	36·2	21
22	—	—	—	—	—	40·8	40·2	39·7	42·9	40·0	39·2	37·8	36·2	37·4	37·7	36·2	22
23	—	—	—	—	—	41·0	40·7	39·8	43·0	40·2	38·8	38·0	37·0	37·5	37·6	36·4	23

MARCH 1950—*continued*

15° +

Day / Hour	17d	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean.	Day / Hour
	′	′	′	′	′	′	′	′	′	′		′	′	′	′	′	
Midnight	37·7	—	—	—	—	39·5	39·0	·	—	—	—	38·4	38·0	38·6	38·2	38·9	Midnight
1h	38·0	—	—	—	—	39·2	40·0	—	—	—	—	38·6	38·2	38·8	38·2	39·1	1
2	38·2	—	—	—	—	38·6	40·2	—	—	—	—	39·6	38·3	38·6	38.4	39·1	2
3	38·4	—	—	—	—	39·6	40·4	—	—	—	—	40·0	38·4	38·5	38·8	39·3	3
4	38·4	—	—	—	—	40·0	40·6	—	—	—	—	40·2	38·2	38·4	38·6	39·3	4
5	38·6	—	—	—	—	39·0	40·0	—	—	—	—	40·4	38·8	38·6	38·0	39·4	5
6	39·0	—	—	—	—	38·4	40·2	—	—	—	—	40·8	39·6	38·8	38·2	39·6	6
7	40·0	—	—	—	—	38·2	41·0	—	—	—	—	40·8	39·8	39·6	39·0	40·3	7
8	41·0	—	—	—	—	38·4	42.0	—	—	—	—	41·0	42·0	41·0	40·0	41·3	8
9	41·8	—	—	—	—	38·8	43·0	—	—	41·0	—	41·6	41·6	41·2	41·4	42·0	9
10	41·0	—	—	—	—	38·6	44·0	—	—	40·4	—	40·4	40·2	40·8	40·4	41·2	10
11	39·0	—	—	—	—	39·0	43·2	—	—	39·2	—	39·0	37·6	39·6	40·6	39·5	11
Noon	38·0	—	—	—	—	37·0	41·0	—	—	37·0	—	37·0	35·0	37·6	39·0	37·5	Noon
13h	37·4	—	—	—	34·0	34·0	—	—	—	36·0	—	36·0	34·0	35·0	37·0	35·8	13h
14	34·4	—	—	—	32·0	32·4	—	—	—	32·2	—	34·2	33·6	34·2	35·4	34·4	14
15	33·2	—	—	—	34·0	33·6	—	—	—	33·6	—	35·0	35·0	34·4	35·6	34·5	15
16	32·2	—	—	—	34·8	35·4	—	—	—	36·0	—	35·6	36·0	35·0	35·0	35·1	16
17	33·6	—	—	—	37·0	36·4	—	—	—	35·8	—	36·4	37·0	36·8	34·4	36·3	17
18	35·6	—	—	—	38·6	38·0	—	—	—	37·0	—	37·6	37·6	37·4	34·2	37·2	18
19	36·0	—	—	—	39·6	38·2	—	—	—	37·4	—	38·0	37·4	37·6	34·4	37·7	19
20	37·0	—	—	—	40·0	38·4	—	—	—	37·2	—	38·2	37·8	37·7	35·0	38·0	20
21	37·2	—	—	—	40·0	38·2	—	—	—	37·6	—	38·4	37·6	37·8	36·0	38·1	21
22	37·6	—	—	—	39·8	38·4	—	—	—	37·8	—	38·2	38·0	38·0	37·0	38·4	22
23	38·0	—	—	—	39·6	38·6	—	—	—	37·8	—	38·2	38·0	38·2	37·4	38·6	23

Table IV.—Magnetic Horizontal Force at every Hour of the Day as deduced from the Photographic Records

(The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber)

MARCH 1950

+ ·22000 (C.G.S. UNIT)

Day / Hour	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day / Hour
Midnight	—	—	—	—	—	—	—	—	317	321	330	340	328	323	317	296	Midnight
1h	—	—	—	—	—	—	—	—	318	323	329	333	327	325	318	303	1h
2	—	—	—	—	—	—	—	—	320	325	330	327	329	327	322	305	2
3	—	—	—	—	—	—	—	—	325	331	333	333	333	329	324	306	3
4	—	—	—	—	—	—	—	—	329	332	334	337	337	333	325	307	4
5	—	—	—	—	—	—	—	—	328	336	335	339	341	337	323	310	5
6	—	—	—	—	—	—	—	—	323	333	337	340	341	338	309	312	6
7	—	—	—	—	—	—	—	—	337	340	341	342	340	340	330	311	7
8	—	—	—	—	—	—	—	—	340	348	342	344	342	349	340	312	8
9	—	—	—	—	—	—	—	—	350	351	344	348	348	358	328	310	9
10	—	—	—	—	—	—	—	323	355	355	342	349	352	360	338	328	10
11	—	—	—	—	—	—	—	332	360	354	346	354	358	364	350	339	11
Noon	—	—	—	—	—	—	—	333	354	356	349	359	362	358	350	338	Noon
13h	—	—	—	—	—	—	—	335	340	347	352	355	363	353	333	327	13h
14	—	—	—	—	—	—	—	339	332	336	350	347	357	351	328	325	14
15	—	—	—	—	—	—	—	335	328	326	347	338	348	338	315	313	15
16	—	—	—	—	—	—	—	323	323	328	343	337	342	327	305	309	16
17	—	—	—	—	—	—	—	312	312	330	337	336	337	322	298	308	17
18	—	—	—	—	—	—	—	311	302	332	336	338	336	325	302	308	18
19	—	—	—	—	—	—	—	313	304	339	336	335	332	322	299	309	19
20	—	—	—	—	—	—	—	315	310	334	335	332	330	318	298	304	20
21	—	—	—	—	—	—	—	313	311	333	335	329	325	309	300	310	21
22	—	—	—	—	—	—	—	315	318	332	334	330	318	318	299	307	22
23	—	—	—	—	—	—	—	316	319	331	337	329	320	330	298	299	23

MARCH 1950—*continued*

+ ·22000 (C.G.S. UNIT)

Day / Hour	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean.	Day / Hour
Midnight	300	301	302	—	—	251	263	293	280	—	312	277	298	—	309	303	Midnight
1h	305	300	305	—	—	275	274	290	281	—	311	298	299	—	310	307	1h
2	308	302	308	—	—	264	275	291	283	—	303	293	300	—	312	307	2
3	310	303	304	—	—	262	258	292	279	—	300	295	299	—	309	307	3
4	311	307	302	—	—	263	268	295	285	—	298	296	300	—	308	310	4
5	318	309	300	—	—	265	270	297	290	—	310	297	300	—	307	313	5
6	320	310	302	—	—	270	273	298	300	—	320	301	298	—	308	314	6
7	319	320	307	—	—	271	274	293	298	—	345	308	296	—	318	319	7
8	322	326	312	—	—	280	275	290	300	—	338	318	290	—	327	323	8
9	321	332	330	—	—	262	270	289	302	—	332	323	300	—	328	323	9
10	318	337	370	—	—	260	280	288	304	307	322	324	319	318	327	326	10
11	333	332	358	—	—	262	290	287	303	310	338	329	322	327	333	331	11
Noon	339	330	312	—	—	274	300	285	316	317	337	330	354	334	330	333	Noon
13h	330	324	274	—	—	280	292	282	319	322	330	332	355	330	329	329	13h
14	319	319	—	—	—	272	288	280	309	319	310	324	350	325	325	322	14
15	312	308	—	—	—	264	284	278	292	310	297	297	332	312	317	312	15
16	302	303	—	—	—	265	282	274	290	312	290	289	318	310	305	307	16
17	300	298	—	—	—	266	280	272	292	308	284	284	—	300	308	304	17
18	300	297	—	—	—	264	285	273	291	309	283	290	—	290	307	304	18
19	301	299	—	—	—	267	292	274	290	309	292	292	—	289	289	304	19
20	302	300	—	—	—	268	290	270	291	309	281	293	—	297	285	302	23
21	302	299	—	—	—	270	289	273	290	310	282	294	—	300	277	302	22
22	301	298	—	—	—	272	290	275	288	311	307	296	—	304	278	304	21
23	302	297	—	—	—	264	291	277	289	308	295	298	—	305	280	303	20

Table V.—Magnetic Vertical Force at every Hour of the Day as deduced from the Photographic Records

(The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber)

MARCH 1950

Day / Hour	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day / Hour
								+ ·30000 (C.G.S. UNIT)									
Midnight	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Midnight
1h	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1h
2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2
3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3
4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
5	—	—	—	—		—	—	—	—	—	—	—	—	—	—	—	5
6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6
7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7
8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8
9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	9
10	—	—	—	383	384	—	—	—	—	378	—	—	—	—	—	—	10
11	—	—	—	380	379	—	—	378	—	370	376	—	—	383	—	—	11
Noon	384	382	380	377	375	380	—	370	380	365	370	—	376	374	—	—	Noon
13h	380	379	371	368	370	377	—	370	379	364	369	—	371	369	—	—	13h
14	377	378	364	363	369	373	—	370	377	367	369	—	373	368	—	—	14
15	379	379	360	368	372	377	—	373	379	372	370	—	379	371	—	—	15
16	380	382	363	376	379	383	—	380	382	378	378	—	382	375	—	—	16
17	383	—	371	383	382	—	—	—	—	—	—	—	—	—	—	—	17
18	—	—	376	—	—	—	—	—	—	—	—	—	—	—	—	—	18
19	—	—	382	—	—	—	—	—	—	—	—	—	—	—	—	—	19
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20
21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21
22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	22
23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	23

MARCH 1950—*continued*

Day / Hour	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean.	Day / Hour
							+ ·30000 (C.G.S. UNIT).										
Midnight	—	—	—	—	—	378	373	365	369	366	360	369	367	—	360	367	Midnight
1h	—	—	—	—	—	372	370	365	368	367	362	370	367	—	360	367	1h
2	—	—	—	—	—	374	369	364	368	366	362	367	367	—	359	366	2
3	—	—	—	—	—	373	369	363	367	366	362	366	367	—	359	366	3
4	—	—	—	—	—	373	369	363	366	366	364	365	366	—	359	366	4
5	—	—	—	—	—	371	368	363	366	365	363	365	367	—	360	365	5
6	—	—	—	—	—	371	368	362	366	364	364	366	367	—	361	365	6
7	—	—	—	—	—	373	370	361	367	363	362	368	367	—	360	365	7
8	—	—	—	—	—	382	373	367	370	363	362	370	368	—	364	369	8
9	—	—	—	—	—	378	371	369	368	364	360	373	369	355	365	368	9
10	366	381	—	—	—	376	367	370	372	372	370	364	—	343	363	369	10
11	370	372	373	—	—	369	357	364	367	378	360	353	—	338	353	363	11
Noon	377	367	358	—	—	356	340	358	362	369	345	360	—	338	340	354	Noon
13h	382	365	355	—	340	347	335	350	360	360	334	358	—	338	329	347	13h
14	—	369	374	—	331	347	330	350	357	350	338	356	—	340	328	344	14
15	—	375	—	—	342	352	336	356	347	342	350	355	—	346	329	346	15
16	—	379	—	—	353	358	342	362	343	342	354	357	—	351	338	350	16
17	—	380	—	—	367	362	350	368	350	344	357	363	—	354	347	355	17
18	—	383	—	—	373	363	355	370	354	347	358	368	—	358	350	358	18
19	—	—	—	—	379	365	357	368	359	352	360	369	—	359	355	361	19
20	—	—	—	—	380	366	358	368	361	354	367	368	—	359	363	363	20
21	—	—	—	—	381	367	362	370	362	357	367	367	—	360	361	364	21
22	—	—	—	—	382	369	363	370	364	358	363	367	—	360	363	365	22
23	—	—	—	—	381	368	364	370	365	359	367	367	—	360	364	365	23

Table VI.—Results of Meteorological Observations made at the Aerological Station, Vacoas, (424.5 metres above mean sea-level) during the Month of March, 1950

Month and days 1950	Observations at 10 a.m.									Temperature of the Air							Rainfall		Duration of Bright Sunshine	Percentage of Possible Sunshine
	Atmospheric Pressure	Temperature of the Air	Excess of Air Temperature over Evaporation Temperature	Temperature of the Dew Point	Relative Humidity (Sat 100)	Vapour Pressure	Wind Direction	Wind Velocity	Amount of Cloud (Scale 0—8)	3h	9h	15h	21h	Daily Maximum	Daily Minimum	Daily Range	Amount recorded by the Casella Pluviograph	Duration		
MARCH	mbs.	°C	°C	°C	%	mbs.	°	m.p.s.		°C	°C	°C	°C	°C	°C	°C	mms.	mins.	hrs	%
1	967·2	23·9	3·2	19·0	74	22·0	110	6·7	3	19·8	23·7	25·2	19·4	25·8	19·8	6·0	0·3	5	10·2	82
2	966·4	24·5	3·3	19·4	73	22·5	110	4·5	5	19·8	24·0	23·7	21·2	26·8	19·6	7·2	2·4	15	6·5	52
3	966·5	24·4	1·7	21·9	86	26·3	090	0·9	7	20·3	24·1	24·8	20·6	26·2	20·3	5·9	16·2	160	2·3	18
4	967·6	26·1	3·5	20·8	73	24·6	100	3·6	7	20·2	25·8	24·6	20·7	27·0	20·2	6·8	5·1	70	4·3	35
5	972·4	21·9	0·1	21·7	99	26·0	110	1·3	8	20·3	21·3	21·5	20·5	24·3	20·2	4·1	32·8	225	1·1	9
6	969.6	24·2	4·5	17·0	65	19·4	100	2·7	2	18·2	23·4	25·1	20·1	26·0	17·8	8·2	1·4	10	11·7	94
7	968·1	24·1	3·9	17·9	68	20·5	110	3·6	2	19·4	23·1	22·4	20·6	25·5	19·2	6·3	10·0	90	7·6	62
8	967·5	23·3	1·2	21·5	90	25·6	110	7·2	7	20·5	22·2	21·6	19·5	24·0	20·5	3·5	76·2	540	2·1	18
9	968.6	20·4	0·3	19·9	97	23·2	110	8·5	8	19·4	19·8	20·9	20·6	23·6	19·4	4·2	5·2	120	0·0	0
10	967·4	23·4	1·9	20·5	84	24·1	060	4·5	8	20·4	23·0	24·8	22·1	25·5	20·2	5·3	1·2	20	1·3	11
11	966·3	20·1	0·7	19·0	94	22·0	090	5·8	8	20·1	19·4	25·5	21·1	26·4	18·8	7·6	10·1	200	2·5	20
12	965·7	26·4	3·4	21·3	74	25·3	100	1·3	6	21·1	26·2	25·2	22·9	28·0	21·0	7·0	28·3	105	6·4	52
13	966·1	26·4	2·5	22·7	80	27·6	080	2·7	7	22·1	26·0	27·8	23·0	28·2	21·5	6·7	31·8	85	7·7	63
14	967·7	24·1	0·7	23·1	94	28·3	080	3·1	8	22·4	23·6	24·3	22·5	26·2	22·0	4·2	0·0	0	5·5	45
15	969·0	24·9	3·1	20·2	75	23·7	100	1·3	7	21·3	24·4	26·7	23·0	27·5	20·8	6·7	1·1	10	6·8	56
16	968·2	25·3	2·4	21·7	81	26·0	090	3·6	7	22.2	24·7	23·4	22·5	26·4	21·5	4·9	9·2	45	5·0	41
17	968·0	24·1	1·7	21·6	86	25·8	090	8·5	7	21·6	24·0	25·3	22·6	26·0	21·0	5·0	12·9	90	6·1	50
18	968·1	25·6	2·3	22·2	82	26·8	080	5·8	7	22·3	25·3	23·5	21·6	26·1	21·8	4·3	14·6	90	3·8	31
19	967·5	25·9	4·5	18·9	65	21·8	080	2·7	1	21·5	25·4	25·9	21·1	27·6	20·5	7·1	0·0	0	4·9	40
20	965·7	25·7	3·3	20·8	75	24·6	110	1·3	5	20·3	25·2	25·4	22·0	27·8	19·8	8·0	0·0	0	5·7	47
21	965·7	23·4	1·5	21·1	87	25·0	070	1·8	8	21·0	23·0	21·2	19·8	24·0	20·9	3·1	54·1	435	0·1	1
22	965·3	22·2	1·2	20·4	90	24·0	070	7·2	7	19·8	22·0	24·3	21·2	24·5	19·8	4·7	2·4	40	3·5	29
23	966·4	21·8	0·4	21·2	97	25·2	100	1·8	8	21·2	21·4	21·4	21·2	23·8	20·0	3·8	46·1	470	0·0	0
24	965·7	23·7	1·0	22·2	92	26·8	020	0·5	8	21·3	22·9	25·4	23·4	27·2	21·2	6·0	2.1	15	2·7	23
25	964·3	24·4	1·1	23·6	90	27·4	310	0·5	7	22·7	24·0	28·4	23·2	28·9	22·6	6·3	3·0	20	6·3	52
26	965·6	26·1	2·7	22·1	79	26·6	310	0·5	7	20·9	25·4	28·4	22·2	28·8	20·6	8·2	0·0	0	6·4	53
27	968·3	25·4	3·0	20·8	76	24·6	200	0·5	6	21·0	25·0	26·7	21·0	27·7	19·9	7·8	0·0	0	9·3	77
28	968·0	24·1	2·4	20·4	80	24·0	110	4·5	6	20·8	23·8	23·3	22·0	24·8	20·2	4·6	3·0	40	6·5	55
29	967·1	24·9	1·5	22·7	88	27·6	080	4·0	7	21·6	24·0	24·3	22·0	25·6	21·6	4·0	29·2	240	2·6	22
30	968·1	22·1	0·6	21·2	95	25·2	130	5·8	8	21·5	20·9	24·3	20·8	25·0	30·3	4·7	16·7	95	5·9	50
31	968·5	22	0·8	21·7	93	26·0	090	4·5	8	20·0	22·7	25·3	21·9	26·1	20·0	61	3·7	40	8·8	74
Mean	967·3	24·1	2·1	20·9	83·3	24·8	—	3·6	6·5	21·1	24·2	24·5	22·5	26·2	20·4	5·8	419·1	3255	4·95	40·7
Average	964·7	24·6	2·4	21·0	80·6	25·0	—	3·6	7·0	—	—	—	—	27·0	20·5	6·5	316·5	2648	6·68	54·9
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

EXCESS OF CERTAIN ELEMENTS AT PAMPLEMOUSSES OVER THE CORRESPONDING ELEMENTS AT VACOAS

Atmospheric Pressure	+	40·8 mbs	Amount of rain	—	63·5 mms
Temperature of the Air		—°C	Duration of Bright Sunshine	+	26·4 hrs.
Vapour Pressure		—mbs	Mean of Maximum temperatures	+	2·0°C
Relative Humidity		—%	,, Minimum temperature	+	1·8°C
Velocity of Wind	+	0·7 mps.	Absolute Maximum temperature	+	1·5°C
			Minimum temperature	+	2·4°C

Table VII.—Daily Results of Meteorological Observations made during the month of March, 1950

Month and Day 1949	Atmospheric Pressure		Temperature of the Air					Excess of Air Temp. over Evaporation Temp.	Temperature of the Dew Point		Relative Humidity (Saturation=100)		Vapour Pressure	Minimum on the Grass
	Mean	Excess above Average	Daily Maximum	Daily Minimum	Daily Range	Mean	Excess above Average		Mean	Excess above Average	Mean	Excess above Average		
JAN.	mbs.	mbs.	°C	°C	°C	°C	°C	°C	C°	°C	%	%	mbs	°C
1	1007·2	+ 2·3	28·7	22·4	6·3	25·2	— 0·4	4·6	18·0	— 4·2	64	— 18	20·6	18·0
2	1006·3	+ 1·3	28·4	22·1	6·3	24·9	— 0·7	2·5	21·1	— 1·1	80	— 2	25·0	18·3
3	1007·0	+ 2·0	29·6	22·7	6·9	25·8	+ 0·2	2·2	22·6	+ 0·4	82	0	27·4	20·7
4	1008·2	+ 3·2	28·6	21·0	7·6	24·5	— 1·0	1·7	21·9	— 0·3	86	+ 4	26·3	21·0
5	1009·8	+ 4·7	28·3	21·0	7·3	24·3	— 1·2	1·0	22·9	+ 0·7	91	+ 9	27·9	22·0
6	1009·7	+ 4·6	29·0	21·0	8·0	24·7	— 0·8	4·1	18·3	— 3·9	67	— 15	21·0	17·6
7	1007·9	+ 2·7	27·2	22·6	4·6	24·6	— 0·9	3·9	18·5	— 3·7	69	— 13	21·3	17·7
8	1007·8	+ 2·6	23·9	21·4	2·5	22·3	— 3·2	0·1	22·2	0·0	99	+ 17	26·8	21·5
9	1008·6	+ 3·3	27·7	22·6	5·1	24·8	— 0·6	2·7	20·6	— 1·5	78	— 4	24·2	20·6
10	1007·5	+ 2·2	26·7	21·0	5·7	23·5	— 1·9	1·6	21·0	— 1·1	87	+ 5	24·9	20·6
11	1006·1	+ 0·8	30·0	21·3	8·7	25·3	— 0·1	3·1	20·6	— 1·5	75	— 7	24·2	20·4
12	1005·4	0·0	30·3	23·8	6·5	26·7	+ 1·3	2·3	23·3	+ 1·2	82	0	28·6	20·0
13	1006·1	+ 0·7	27·7	23·6	4·1	25·3	0·0	1·2	23·5	+ 1·5	90	+ 8	29·0	21·9
14	1008·0	+ 2·5	29·7	22·5	7·2	25·8	+ 0·5	2·8	22·7	+ 0·7	78	— 4	27·6	21·3
15	1008·6	+ 3·1	28·7	23·5	5·2	25·8	+ 0·5	3·4	21·8	— 0·3	74	— 8	26·1	19·5
16	1008·0	+ 2·4	28·7	23·5	5·2	25·8	+ 0·6	3·1	22·3	+ 0·2	76	— 6	27·0	21·5
17	1008·0	+ 2·3	28·7	23·0	5·7	25·5	+ 0·3	1·7	22·6	+ 0·5	86	+ 4	27·4	21·7
18	1007·8	+ 2·0	27·8	23·2	4·6	25·2	0·0	1·6	22·8	+ 0·7	87	+ 4	27·8	21·4
19	1007·4	+ 1·6	29·0	23·0	6·0	25·7	+ 0·6	2·4	22·1	+ 0·1	81	— 2	26·6	21·2
20	1005·4	— 0·5	28·7	20·3	8·4	24·2	— 0·9	1·8	21·6	— 0·4	85	+ 2	25·8	18·9
21	1004·8	— 1·1	26·3	21·9	4·4	23·8	— 1·3	1·6	21·5	— 0·5	87	+ 4	25·6	19·2
22	1005·4	— 0·6	27·3	22·9	4·4	24·8	— 0·3	2·5	21·0	— 1·0	80	— 3	24·9	21·2
23	1006·5	+ 0·5	25·4	23·4	2·0	24·1	— 0·9	0·8	23·0	+ 1·1	93	+ 10	28·1	22·4
24	1005·3	— 0·8	29·7	22·9	6·8	26·0	+ 1·0	0·8	24·9	+ 3·0	93	+ 10	31·5	21·9
25	1004·1	— 2·0	30·4	23·4	7·0	26·6	+ 1·6	1·8	24·0	+ 2·1	86	+ 3	29·8	21·8
26	1005·6	— 0·5	30·4	22·6	7·8	26·2	+ 1·2	2·3	22·9	+ 1·0	82	— 1	27·9	20·6
27	1008·1	+ 1·9	29·7	20·9	8·8	25·0	+ 0·1	2·3	21·6	— 0·2	81	— 2	25·8	17·8
28	1007·6	+ 1·4	27·5	20·2	7·3	23·5	— 1·4	1·2	21·7	— 0·1	89	+ 6	26·0	17·4
29	1007·3	+ 1·0	26·2	23·8	2·4	24·7	— 0·2	0·4	24·1	+ 2·3	97	+ 15	30·0	22·9
30	1008·5	+ 2·2	27·2	21·3	5·9	23·9	— 1·0	1·7	21·4	— 0·4	86	+ 4	25·5	20·5
31	1008·4	+ 2·0	28·1	21·0	7·1	24·2	— 0·6	1·0	22·7	+ 1·0	91	+ 9	27·6	21·3
Mean	1007·2	+1·6	28·2	22·2	6·0	24·9	— 0·3	2·1	21·9	— 0·1	83·3	+1·0	26·4	20·4
Aver.	1005·6	—	28·9	22·3	6·6	25·2	—	2·2	22·0	—	82·3	—	26·4	19·9
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14

GENERAL WEATHER CONDITIONS DURING THE MONTH OF MARCH, 1950

To the south of Mauritius pressure was considerably higher than is normal during March for most of the month. A trough of low pressure which moved east-south-eastwards past the south of Mauritius and Rodrigues from the 23rd to the 27th caused unsettled thundery conditions with large amounts of rain. There was no known tropical cyclone activity except for a centre reported 400 miles south of Cocos Keeling on the 2nd moving south.

Rainfall was on the average slightly below normal in in the Western district and much above normal in the remaining districts.

Table VII *contd.*—**Daily Results of Meteorological Observations made during the month of March, 1950**

Month and Day 1950	Rainfall: Amount recorded by the Dines Pluviograph	Rainfall: Duration	Amount of Evaporation	Duration of Bright Sunshine	Percentage of Possible Sunshine	Observed Wind Velocity: Mean	Observed Wind Velocity: Excess above Average	Temparature of the Soil: 10 Feet	5 Feet	2 Feet	12 Inches
MARCH	mms.	min.	mm.	hrs.	%	m.p.s.	m p.s.	°C.	°C.	°C.	°C.
1	0·0	—	7·6	11·8	94	4·6	+ 1·3	25·3	26·2	28·0	29·1
2	46·8	200	8·3	4·7	38	3·2	— 0·1	25·2	26·1	27·9	29·7
3	0·4	145	2·9	2·5	20	2·1	— 1·2	25·2	25·9	27·8	28·7
4	0·3	25	4·0	7·6	61	2·8	— 0·5	25·1	25·6	27·7	28·4
5	11·7	145	5·4	5·5	44	3·5	+ 0·2	25·1	25·1	27·7	28·5
6	0·0	—	5·5	11·7	94	3·0	— 0·3	25·1	24·9	27·6	28·4
7	3·7	60	7·8	7·3	59	3·9	+ 0·6	25·0	24·5	27·6	28·5
8	70·3	575	6·6	3·8	31	4·6	+ 1·3	24·9	24·1	27·5	28·4
9	17·9	210	2·9	0·0	0	4·7	+ 1·4	24·9	23·9	27·5	26·8
10	0·7	5	2·2	1·8	15	2·4	— 0·9	24·8	23·6	27·0	26·8
11	20·7	320	4·5	4·7	38	3·3	0·0	24·9	23·7	26·9	27·1
12	12·3	70	4·0	7·6	62	2·8	— 0·5	24·9	24·0	26·8	27·0
13	0·1	5	3·9	10·6	87	2·5	— 0·8	25·0	24·1	26·7	28·0
14	0·1	5	4·6	6·1	50	3·0	— 0·2	25·0	24·4	26·8	28·2
15	0·4	25	6·1	6·4	53	2·7	— 0·5	25·1	24·6	26·9	28·4
16	0·1	15	5·2	7·7	63	3·3	+ 0·1	25·3	26·6	27·0	28·7
17	9·2	75	4·7	7·1	58	4·2	+ 1·0	25·4	26·7	27·2	28·7
18	3·7	80	3·9	5·0	41	3·2	0·0	25·4	26·5	27·2	28·8
19	0·0	—	3·6	7·1	59	2·4	— 0·8	25·4	26·7	27·2	28·5
20	28·6	185	5·4	6·5	54	1·7	— 1·5	25·3	26·1	27·3	28·7
21	0·2	5	3·2	0·3	3	3·1	— 0·1	25·5	26·8	27·3	28·1
22	0·3	25	2·7	4·9	41	4·8	+ 1·6	25·5	26·6	27·2	27·8
23	30·9	710	4·9	0·0	0	2·9	— 0·3	25·4	26·0	27·2	28·0
24	0·0	—	2·4	2·6	22	2·4	— 0·8	25·3	25·7	27·1	27·3
25	13·3	55	4·3	10·4	87	1·6	— 1·6	25·4	26·0	27·0	27·8
26	0·0	—	4·9	4·5	38	1·3	— 1·9	25·5	26·3	27·2	28·2
27	0·0	—	4·0	8·6	72	2·0	— 1·2	25·4	26·1	27·1	28·3
28	1·2	70	4·2	7·3	61	3·5	+ 0·3	25·5	26·2	27·2	28·1
29	14·4	205	2·6	1·4	12	3·8	+ 0·6	25·4	26·1	27·2	28·1
30	54·9	255	4·6	5·9	50	3·9	+ 0·7	25·5	26·6	27·2	27·3
31	7·4	70	5·2	8·6	72	3·2	0·0	25·5	26·4	27·1	27·3
Mean	Sum 355·6	Sum 3540	4·6	5·81	47·7	3·11	—0·13	25·23	25·56	27·26	28·12
Average	220·4	2321	4·8	7·15	58·6	3·24	—	—	—	—	—
Column	15	16	17	18	19	20	21	22	23	24	25

MEANS AND EXTREMES OF CERTAIN METEOROLOGICAL ELEMENTS DURING THE MONTH OF MARCH, 1950

Element	*Highest*			*Date*	*Lowest*			*Date*
Atmospheric Pressure	1011·1mbs	at	22·00 & 23.00 hrs. / 09.00 hrs	on 5th / „ 6th	1002·2 mbs	at	15·00 hrs.	on 25th
Temperature of the Air	30·4°C	„	—	„ 25th & 26th	20·2°C	„	—	„ 28th
Daily range of temperature of the Air	8·8°C	„	—	„ 27th	2·0°C	„	—	„ 23rd
Temperature of the Dew Point ...	24·9°C	„	—	„ 24th	18·0°C	„	—	„ 1st
Daily range of temperature of the Dew Point	—	„	—	„ —	—	„	—	„ —
Minimum on Grass	—	„	—	„ —	17·4°C	„	—	„ 28th
Relative Humidity	99%	„	—	„ 8th	64%	„	—	„ 1st
Vapour Pressure	31·5mbs	„	—	„ 24th	20·6mbs	„	—	„ 1st
Evaporation in 24 hours	8·3mms	„		„ 2nd	2·2mms.	„	—	„ 10th
Wind Velocity	8·6mps	„	10·00 hrs.	„ 8th	—	„	—	„ —
Rainfall in 24 hours	84·4mms	ending	04·00 hrs.	„ 9th	—	„	—	„ —
Duration of Sunshine	11·8hrs.		—	„ 1st	0·0 hr.	„	—	„ 9th & 23rd

NUMBER OF DAYS OF

Rainfall: 0.1—0·9 mms.	1·0—4·9 mms.	5·0—9·9 mms.	10·0—24·9 mms.	25·0—39·9 mms.	40·0—54·9 mms.	55·0 & over mms.	Lightning	Thunderstorm
8	3	3	6	2	2	1	3	6

Table VIII.—Barogram

MARCH 1950

Day / Hour	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day / Hour
The initial 10 or 9 is omitted. The unit in the table is 0·1 millibar.																	
Midnight	079	073	073	086	102	110	089	080	094	087	073	061	060	075	093	088	Midnight
1h	076	068	064	083	100	103	085	077	087	083	064	055	054	071	092	084	1
2	070	063	059	078	092	101	082	072	086	079	060	052	053	066	084	082	2
3	068	061	059	075	091	095	079	064	083	072	053	049	052	063	082	078	3
4	066	059	064	075	088	095	075	063	079	071	062	046	048	063	080	073	4
5	069	055	055	072	086	097	076	063	078	074	066	049	053	062	084	079	5
6	069	060	061	079	093	100	082	063	084	076	072	050	055	071	084	080	6
7	075	062	062	082	099	103	084	074	088	074	075	054	061	077	086	082	7
8	078	069	071	082	101	105	091	081	101	079	073	062	065	082	091	088	8
9	080	072	072	084	104	111	093	083	102	080	072	067	067	087	096	090	9
10	081	071	074	084	104	108	090	082	102	082	062	064	070	091	101	088	10
11	079	070	074	082	102	106	082	080	090	080	064	058	069	099	095	083	11
Noon	074	063	073	080	100	106	077	081	079	080	063	053	063	086	088	078	Noon
13h	068	060	065	075	094	093	070	073	078	077	052	046	059	081	082	072	13h
14	066	054	062	072	094	089	064	062	082	070	044	042	052	077	074	064	14
15	061	052	064	070	088	082	062	065	074	065	042	039	048	078	069	062	15
16	060	049	063	070	089	080	063	065	075	063	045	041	046	067	070	064	16
17	062	048	063	072	091	082	068	075	076	061	047	048	054	071	073	071	17
18	066	058	065	079	094	084	069	078	081	062	055	052	062	079	079	079	18
19	071	060	074	083	101	087	078	093	082	068	062	055	066	082	086	082	19
20	075	065	082	092	104	093	082	093	087	079	064	060	072	091	092	088	20
21	079	070	093	102	108	100	083	094	088	081	065	062	075	098	095	095	21
22	078	074	092	103	111	101	085	096	093	082	062	062	079	104	095	093	22
23	077	074	092	105	111	098	082	102	092	080	063	062	078	100	093	087	23

MARCH 1950—*continued*

Day / Hour	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean.	Day / Hour
The initial 10 or 9 is omitted. The unit in the table is 0·1 millibar.																	
Midnight	086	082	083	067	053	060	066	068	052	053	073	088	072	085	087	1007·7	Midnight
1h	082	079	082	062	053	054	061	062	046	052	071	085	070	082	084	1007·3	1
2	080	074	082	059	046	050	056	054	042	048	071	082	062	080	080	1006·9	2
3	075	073	078	052	042	043	055	054	040	045	071	080	060	077	077	1006·6	3
4	072	070	072	049	038	040	054	047	041	044	063	075	060	077	077	1006·4	4
5	077	071	074	048	038	042	056	046	042	046	068	077	062	083	080	1006·5	5
6	080	076	080	051	040	046	061	051	043	052	076	081	063	087	082	1006·9	6
7	082	081	083	055	043	051	063	060	045	059	081	082	072	088	087	1007·3	7
8	087	084	086	060	048	057	074	062	053	061	085	082	079	100	090	1007·8	8
9	091	091	088	062	055	059	079	065	050	065	091	087	082	095	094	1008·1	9
10	091	093	084	062	058	061	076	064	047	066	091	086	082	094	096	1008·1	10
11	084	092	082	062	054	060	071	065	042	064	090	085	083	095	093	1007·9	11
Noon	081	082	075	058	050	059	071	062	036	060	084	077	074	092	084	1007·4	Noon
13	077	074	064	050	045	053	062	052	027	050	082	067	067	084	080	1006·7	13h
14	073	064	060	048	041	048	061	044	024	043	079	065	065	078	073	1006·2	14
15	066	067	060	046	038	046	058	042	022	043	075	062	061	072	068	1006·0	15
16	067	066	060	046	040	047	050	042	023	043	073	060	062	069	068	1005·9	16
17	068	065	061	046	040	046	055	043	028	048	073	062	064	071	074	1006·2	17
18	073	069	062	046	041	052	062	042	034	054	081	062	073	073	080	1006·6	18
19	080	079	069	048	045	060	064	044	040	062	084	067	080	080	083	1007·2	19
20	082	082	074	051	053	063	069	052	043	063	090	077	085	086	088	1007·7	20
21	089	092	080	055	059	068	080	059	052	071	099	080	092	093	095	1008·2	21
22	090	091	080	060	062	071	082	055	056	075	098	081	091	096	099	1008·4	22
23	085	088	073	060	062	070	078	054	060	074	093	078	086	092	094	1008·2	23

Table IX.—Duration of Bright Sunshine at the Aerological Station, Vacoas by the Campbell Stokes Sunshine Recorder

MARCH 1950

Day / Hour Ending	d 1	d 2	d 3	d 4	d 5	d 6	d 7	d 8	d 9	d 10	d 11	d 12	d 13	d 14	d 15	d 16	d 17	d 18	d 19	d 20	d 21	d 22	d 23	d 24	d 25	d 26	d 27	d 28	d 29	d 30	d 31	Total Hours
	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m	m.	m.	m.	m.	m.	m.	
6h	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0·0
7	35	24	0	0	0	49	16	0	0	0	0	42	2	15	17	5	0	0	0	25	0	2	0	0	0	4	36	4	0	0	28	5·1
8	60	19	0	52	0	60	50	0	0	1	0	60	43	0	38	51	2	21	16	24	0	10	0	0	28	3	60	60	8	0	45	11·8
9	60	60	0	50	0	60	60	29	0	20	0	25	53	0	52	33	24	53	60	40	0	44	0	0	1	20	60	60	41	0	34	15·6
10	60	36	26	60	0	60	60	58	0	12	0	38	60	5	54	42	41	41	60	60	0	23	0	0	25	45	60	40	58	0	13	17·3
11	60	60	28	47	1	60	60	27	0	43	0	60	35	25	60	60	60	30	60	60	5	2	0	0	26	28	60	26	35	24	60	18·4
Noon	60	58	52	30	0	60	60	10	0	0	4	60	32	55	60	48	60	0	49	60	0	0	0	18	43	47	35	42	0	31	40	16·9
13	60	11	12	0	0	60	60	0	0	0	20	51	58	50	60	31	56	1	0	17	0	0	0	52	60	53	25	48	0	43	59	14·8
14	60	16	2	18	0	60	60	0	0	0	60	12	60	36	54	30	60	8	7	2	0	38	0	52	57	60	36	35	0	60	60	15·7
15	60	0	0	0	0	60	28	3	0	0	50	0	60	25	10	0	45	0	1	0	0	42	0	8	50	60	60	50	10	60	60	12·3
16	60	38	0	2	0	60	0	0	0	0	6	0	30	36	0	0	16	28	23	35	0	40	0	8	60	39	60	24	3	60	60	11·6
17	21	56	0	0	33	60	0	0	0	0	0	6	31	50	6	0	0	42	6	19	0	6	0	26	28	24	43	1	0	49	46	9·2
18	17	11	20	0	32	54	0	0	0	0	12	31	0	35	0	0	0	2	0	0	0	0	0	0	0	0	25	0	0	27	22	4·8
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0·0

The Total Amount of Registered Sunshine was 153·5 hrs. and the total possible Sunshine was 377·4 hrs.

Table X.—Duration of Bright Sunshine at the Royal Alfred Observatory by the Campbell Stokes Sunshine Recorder

MARCH 1950

Day / Hour Ending	d 1	d 2	d 3	d 4	d 5	d 6	d 7	d 8	d 9	d 10	d 11	d 12	d 13	d 14	d 15	d 16	d 17	d 18	d 19	d 20	d 21	d 22	d 23	d 24	d 25	d 26	d 27	d 28	d 29	d 30	d 31	Total Hours
	m.	m.	m.	m.	m.	m.	m.	m	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	
6h	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0·0
7	60	20	0	50	29	59	45	16	0	0	0	35	40	12	8	5	0	24	0	35	0	0	0	0	8	11	45	30	0	0	0	8·9
8	60	40	22	60	22	60	60	48	0	0	0	60	60	0	60	60	26	38	50	60	1	25	0	0	60	35	60	60	22	0	20	17·8
9	60	40	60	50	35	60	60	58	0	0	0	60	60	0	60	60	50	60	60	60	4	15	0	0	60	32	60	60	3	0	25	19·2
10	60	50	48	18	60	60	60	50	0	55	0	60	60	0	44	60	60	50	60	60	0	60	0	0	60	24	56	53	32	20	55	21·2
11	60	24	20	54	39	60	60	37	0	40	0	60	60	6	60	60	60	30	60	60	0	50	0	0	60	28	58	17	0	28	60	19·2
Noon	60	15	0	40	50	60	20	20	0	11	0	42	43	50	60	60	55	17	44	42	12	8	2	8	45	54	60	15	13	4	38	15·8
13h	60	0	0	60	60	60	60	0	0	0	7	50	50	58	60	45	58	0	60	55	0	0	0	55	60	60	36	53	0	60	60	18·8
14	60	0	0	60	0	60	60	0	0	0	45	50	60	48	30	60	50	18	60	0	0	52	0	18	60	10	25	50	0	60	48	16·4
15	60	0	0	45	0	60	12	0	0	0	60	18	60	33	0	55	60	0	16	0	0	20	0	32	60	8	35	57	0	60	60	13·5
16	60	0	0	16	0	60	2	0	0	0	55	22	60	59	0	0	10	18	0	0	0	30	0	8	60	10	41	41	1	60	60	11·2
17	60	55	0	1	2	60	0	0	0	0	60	0	58	60	0	0	0	25	15	5	0	34	0	21	60	0	38	0	1	50	60	11·1
18	50	37	0	0	29	46	0	0	0	0	58	0	26	36	0	0	0	20	0	13	0	0	0	10	31	0	0	0	10	16	30	6·9
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0·0

The Total Amount of Registered Sunshine was 180·0 hrs. and the total possible sunshine was 377·4 hrs.

Table XI.—Direction and Velocity of the Wind at every Hour of the Day as recorded by the Robinson Cup Anemometer during March, 1950

The directions are given in points and the values indicate the direction from which the wind blows counting from North 32, East 8, South 16 and West 24
The Velocities are given in Metres per Second, using the factor 2·2
*(The days on which the Normal Trade-Winds are interrupted are indicated by an asterisk *).*

MARCH 1950

Day	1d.		2d.		3d. *		4d.		5d.		6d.		7d.		8d.		9d.		10d.		11d.		12d. *		13d.		14d.		15d. *		16d.	
Hour	Dir.	Vel.	Dir.	Vel.	Dir	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
Midnight	10	4·5	10	3·2	32	0·8	08	1·7	06	2·3	10	1·9	09	2·2	10	4·3	01	1·1	08	4·1	12	2·5	10	3·4	10	1·7	10	1·6	08	2·5	08	2·8
1h	10	3·8	10	3·6	32	1·6	08	1·3	10	3·1	10	2·2	09	2·6	10	4·0	d09	3·6	09	3·6	12	2·6	10	3·9	10	2·1	10	1·1	08	1·9	07	1·8
2	10	2·8	10	2·8	01	1·3	08	1·4	10	2·1	10	1·8	09	2·8	10	4·6	07	2·7	09	3·1	11	3·5	11	1·8	10	2·2	10	1·2	08	1·7	07	1·9
3	10	3·2	10	2·3	01	1·8	08	2·1	10	3·4	10	2·8	09	2·9	08	4·4	14	2·8	08	2·1	12	4·5	11	2·0	10	2·6	10	1·5	08	2·4	07	2·1
4	12	2·6	10	3·4	d10	3·5	08	2·3	10	3·0	10	3·1	10	2·7	08	4·4	14	2·1	07	3·1	12	4·4	10	1·8	10	2·4	10	1·6	09	2·0	06	2·3
5	12	2·4	11	2·8	08	2·1	08	1·8	10	3·8	10	1·7	10	3·3	08	5·8	14	2·9	05	3·1	12	2·3	10	2·2	10	2·9	10	1·9	09	2·9	06	1·7
6	10	2·6	10	3·2	08	3·0	09	2·4	10	3·0	10	1·7	10	2·3	08	5·5	11	1·9	06	2·7	13	2·2	10	2·8	10	2·9	10	1·6	09	3·1	06	3·1
7	10	3·6	10	3·8	08	2·2	09	2·5	10	2·9	10	1·3	10	2·2	10	5·3	11	4·8	06	3·9	10	3·3	10	2·5	10	2·8	10	1·6	09	3·3	06	2·5
8	10	5·2	11	4·6	08	1·3	09	3·9	10	3·1	10	2·2	10	3·1	09	5·7	10	4·4	07	1·5	09	5·1	10	3·3	10	3·4	10	1·3	09	3·0	06	3·1
9	09	6·4	09	5·6	07	1·9	08	4·7	08	4·6	10	4·3	09	4·3	08	6·4	09	6·0	06	2·7	08	5·1	10	3·0	07	3·8	10	1·2	08	3·5	06	4·1
10	11	6.8	10	4·7	06	2·8	09	3·4	08	4·5	09	4·1	10	5·4	08	8·6	08	7·8	06	3·2	09	4·2	08	3·1	06	3·5	10	3·2	10	3·1	06	4·4
11	08	6·3	07	4·4	04	2·6	06	4·6	07	4·3	09	4·1	08	4·9	09	6·8	08	6·9	06	3·5	06	3·7	08	4·0	06	4·5	10	3·3	10	3·3	05	4·5
Noon	10	5·6	12	5·0	11	2·7	06	4·4	10	4·4	08	4·3	10	4·9	09	5·7	08	7·7	05	2·3	09	3·9	06	3·4	06	3·7	10	3·8	10	2·5	06	4·6
13h	08	6·4	06	3·8	18	2·1	08	4·2	10	4·6	08	4·4	10	5·8	08	5·8	08	5·9	04	2·9	08	3·9	06	3·3	05	4·0	08	5·6	10	3·1	06	4·5
14	08	6·1	06	3·2	19	2·6	08	3·9	10	3·5	10	4·2	08	5·9	09	5·8	07	6·6	03	2·4	08	3·3	06	2·0	05	3·1	07	6·9	d18	3·0	05	3·7
15	09	5·6	09	3·2	14	3·0	06	3·5	10	3·2	10	4·6	08	6·4	09	4·9	08	6·4	04	2·2	08	3·9	d19	3·4	06	2·3	07	6·5	r10	2·6	06	5·3
16	09	5·8	10	2·8	14	2·7	06	3·0	09	4·2	11	4·3	08	4·9	06	4·6	07	5·1	05	1·8	10	3·6	19	3·4	05	2·0	08	5·3	d20	1·6	06	3·6
17	09	5·9	10	2·6	14	1·3	07	2·4	08	4·2	10	4·4	06	3·3	10	2·9	06	4·9	06	1·9	09	3·0	r11	3·0	04	2·5	08	4·5	r11	2·3	10	3·3
18	10	5·6	07	2·4	14	1·3	06	2·0	08	4·1	09	3·1	08	3·5	r32	2·8	06	4·4	06	1·2	10	2·3	11	2·0	06	2·0	06	3·9	10	3·4	06	2·7
19	11	4·9	07	1·8	14	1·1	07	2·2	10	2·7	09	2·2	11	2·3	07	2·9	08	4·3	06	1·2	10	1·9	11	2·2	06	1·3	06	2·6	10	2·7	08	2·7
20	10	4·1	10	2·1	14	1·5	07	1·5	10	3·1	10	2·8	11	3·9	08	2·2	07	4·7	06	0·6	10	2·1	11	2·3	06	0·6	06	2·2	10	2·9	08	3·1
21	09	3·7	10	2·6	r06	2·0	09	2·2	09	3·7	10	2·5	11	3·8	10	2·5	08	4·8	06	1·5	10	2·2	10	2·8	06	1·6	07	3·1	10	2·9	08	3·1
22	10	4·7	10	1·1	07	2·0	10	2·6	09	3·3	10	2·1	10	3·9	10	3·0	08	3·3	10	1·8	11	3·0	10	2·6	06	1·1	07	2·6	08	2·9	08	3·5
23	10	3·3	03	2·1	08	1·9	10	2·4	10	2·0	10	2·5	10	4·6	12	1·8	08	4·0	10	2·5	10	3·2	10	2·7	06	1·5	07	3·1	08	2·1	08	4·1

MARCH 1950—*continued*

Day	17d.		18d.		19d. *		20d. *		21d.		22d.		23d.		24d. *		25d. *		26d. *		27d. *		28d.		29d.		30d.		31d.		Mean
Hour	Dir.	Vel	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Velocit
Midnight	08	2·3	10	2·5	08	3·0	10	1·2	14	2·7	10	3·4	10	4·0	08	2·0	27	1·5	08	0·7	10	1·5	12	0·6	10	4·2	10	4·0	10	1·9	2·5
1h	08	3·1	10	2·8	08	2·6	10	1·2	11	3·1	11	4·4	11	4·1	08	1·8	27	1·7	09	0·6	10	2·0	12	1·1	10	3·9	10	3·3	10	1·5	2·5
2	08	2·1	10	1·8	08	2·1	10	1·1	11	2·1	10	3·1	10	4·2	08	2·3	27	1·4	09	0·8	10	1·8	12	0·7	10	4·2	10	2·7	10	1·9	2·3
3	08	3·8	10	1·6	08	3·3	10	1·4	11	2·2	10	5·1	10	4·4	08	1·1	r18	1·4	09	0·6	10	1·8	12	0·7	10	4·5	10	2·4	10	1·8	2·5
4	08	3·3	06	1·2	08	3·0	10	1·9	11	2·3	10	3·6	10	4·3	08	1·8	d28	1·1	09	0·9	10	2·1	12	1·7	10	4·1	10	3·7	09	3·0	2·7
5	08	3·6	08	1·8	08	2·3	11	1·5	11	2·3	10	3·9	10	2·8	08	1·9	29	1·2	09	0·7	10	1·9	12	1·3	10	4·5	07	5·7	11	2·9	2·6
6	10	3·7	06	2·4	08	2·6	11	1·9	11	1·8	10	4·1	10	2·8	08	1·6	29	0·7	09	1·2	10	2·0	12	0·8	10	4·0	09	5·2	11	1·4	2·6
7	10	3·5	07	2·7	08	2·3	11	1·5	11	1·3	10	4·7	10	3·9	08	1·6	29	1·0	09	0·8	10	1·5	12	1·1	10	4·4	08	3·0	r03	2·1	2·7
8	09	4·2	06	3·0	08	3·0	11	2·4	10	3·3	10	4·3	10	2·7	04	1·8	26	1·2	09	1·6	10	2·0	11	3·3	08	4·4	12	3·1	04	2·1	3·1
9	08	6·1	06	4·2	08	3·6	10	2·6	10	3·3	10	4·1	10	3·7	03	2·3	24	1·9	09	0·6	10	1·6	09	4·6	09	4·4	10	4·3	06	3·8	3·8
10	08	5·6	06	4.7	08	3·1	10	2·9	10	4·0	08	7·1	08	3·6	32	5·8	24	1·4	09	0·6	d26	2·2	10	5·0	07	3·4	10	5·5	06	5·7	4·3
11	07	5·5	06	4·3	10	2·4	10	2·5	10	3·7	09	6·4	08	2·0	01	4·6	24	2·2	r01	2·1	22	2·0	10	5·2	07	2·8	08	4·8	08	4·3	4·1
Noon	06	5·4	08	4·3	06	2·8	d21	3·5	10	2·6	09	5·9	10	3·0	01	3·5	25	2·1	r24	2·8	22	3·1	10	6·0	08	3·5	08	6.4	07	4·4	4·1
13h	07	5·9	07	3·4	06	3·5	22	2·9	10	5·0	09	6·6	10	2·4	01	4·1	22	2·8	26	1·8	22	2·4	10	6·1	06	4·5	10	5·1	06	4·8	4·3
14	07	5·0	06	4·5	06	4·0	22	1·7	11	3·1	10	6·7	10	1·6	32	4·2	22	2·4	d07	1·8	24	2·1	10	6·1	06	3·6	11	5·5	06	4·6	4·0
15	08	5·9	06	4·3	08	1·7	28	1·7	11	4·1	10	5·4	10	1·6	32	3·5	26	2·1	02	1·9	24	1·3	10	5·9	09	3·8	10	5·8	08	3·7	3·9
16	07	5·8	06	4·6	d18	1·8	20	1·3	10	3·5	10	6·0	10	3·4	28	2·4	24	2·1	06	1·7	24	1·1	11	4.6	08	3·6	10	4·5	07	5·5	3·6
17	08	4·6	07	4·7	d07	2·0	20	0·7	11	2·7	09	5·2	10	2·3	32	3·5	31	1·7	06	1·1	r13	3·7	11	4·0	08	3·9	10	4·5	07	3·9	3·3
18	09	4·5	07	3·3	10	1·4	20	0·6	12	4·4	10	4·4	07	1·9	32	1·2	06	1·7	06	1·4	12	3·8	10	3·6	08	3·7	10	3·1	08	3·0	2·8
19	10	3·0	07	3·5	10	1·9	20	1·6	12	3·2	10	4·2	09	1·9	32	1·2	06	1·5	07	1·8	12	4·2	10	4·5	10	3·1	10	2·8	08	1·7	2·5
20	09	3·7	07	2·7	10	1·3	20	1·2	12	3·0	10	4·3	09	2·4	32	1·2	06	1·3	08	1·2	10	1·8	10	4·3	10	3·4	10	3·3	08	2·1	2·5
21	10	3·8	06	2·8	10	1·3	20	0·7	10	2·8	10	4·0	09	2·9	28	1·7	06	1·7	08	1·3	04	0·7	10	4·3	10	2·9	10	2·0	08	2·9	2·6
22	10	2·9	07	3·0	10	1·2	20	1.5	11	4·8	10	4·4	08	3·3	27	1·4	09	1·7	08	1·3	03	1·1	10	3·5	10	3·6	10	2·2	08	2·4	2.6
23	10	4·4	07	2·9	10	1·5	20	1·5	10	4·1	10	4·6	08	1·6	27	1·8	09	2·0	10	1·8	d12	0·9	08	3·9	10	3·6	10	2·5	07	3·3	2·7

Table XII.—Wind Frequency (Number of Observations) March, 1950

Hour	Force (0–12)			Direction																
	8 or above	4 to 7	0 to 3	N.	N.N.E.	N.E.	E.N.E.	E.	E.S.E.	S.E.	S.S.E.	S.	S.S.W.	S.W.	W.S.W.	W.	W.N.W.	N.W.	N.N.W.
3	...	...	31	1	...	...	...	10	14	4	1	...	1	...	...	...	...	...	...
9	..	5	26	...	...	1	4	16	9	...	...	...	...	...	...	1	...	...	...
15	...	7	24	1	1	1	4	11	7	1	1	...	...	1	...	1	1	1	...
21	...	...	31	.	.	1	5	9	13	1	...	...	...	1	...	...	...	1	...
Totals	...			2	1	3	13	46	43	6	2	...	1	2	...	2	1	2	...

Table XIII.—Rainfall at every Hour of the Day at the Royal Alfred Observatory, March, 1950

Day / Hour	1d	2d	3d	4d	5d	6d	7d	8d	9d	10d	11d	12d	13d	14d	15d	16d	17d	18d	19d	20d	21d	22d	23d	24d	25d	26d	27d	28d	29d	30d	31d
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1h	...	...	0·3	...	...	...	..	2·4	4·5	...	...	...	0·1	...	...	...	...	...	...	...	...	...	1·7	...	...	...	...	..	0·7	0·5	...
2	...	...	...	...	1·1	...	...	0·3	7·0	...	...	...	...	...	...	...	..	...	...	...	...	...	1·0	...	...	...	...	..	0·7	3·4	...
3	...	...	...	...	1·7	...	...	0·6	4·5	...	...	...	...	...	...	...	...	0·5	...	...	...	...	0·4	..	...	...	...	...	2·0	6·1	...
4	...	..	...	...	0·4	...	..	...	1·4	...	0·6	...	...	...	...	...	...	...	...	...	...	...	0.3	...	12·8	...	.	...	0·1	0·2	...
5	...	...	...	...	...	...	...	...	...	..	2·8	...	...	0·1	...	0·1	7·3	0·8	...	...	...	...	0·3	...	0·5	...	...	...	0·7	23·6	0·1
6	...	...	...	0·1	...	...	..	...	...	...	8·8	...	...	...	...	...	1·0	0·8	...	...	...	...	...	...	...	...	..	...	0·8	22·2	...
7	...	...	...	...	...	...	...	...	...	...	4·4	...	...	...	...	...	...	0·3	...	...	...	...	3·6	...	...	...	...	...	0·5	1·8	...
8	...	...	...	...	...	...	..	...	...	...	2·4	...	.	...	...	...	...	...	...	...	...	...	0·7	...	...	...	.	...	0·1	0·4	3·6
9	...	...	...	...	...	...	...	...	...	0·7	1·4	...	...	...	...	...	...	...	...	...	...	...	1·6	...	...	...	...	..	0·8	2·7	3·3
10	...	...	...	...	...	..	...	...	...	...	0·3	...	...	...	...	...	...	...	...	...	...	...	1·4	...	...	...	...	..	0·4	...	0·4
11	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	0·7	..	...	...	...	...	5·5	...	...
Noon	...	.	0.2	...	...	...	...	...	...	...	...	...	..	...	...	...	...	0·5	...	...	...	...	0·4	...	...	...	...	...	1·1	...	...
13h	...	...	...	...	...	...	...	6·0	...	..	...	...	...	...	...	...	...	0·7	...	...	...	...	0·8	...	...	...	...	...	...	...	...
14	...	...	1 2	...	6·0	..	...	1·2	...	...	..	..	...	...	...	...	0·4	...	...	10·2	0·2	...	6·6	...	...	..	...	...	0·4	...	...
15	...	4·4	0·6	...	2·5	...	...	...	...	...	...	0·4	...	...	...	...	...	...	...	16·0	...	...	2·6	...	...	...	...		...	...	...
16	...	...	0·4	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·9	...	...	0·7	...	...	...	..	..	...	...	...
17	...	...	...	...	...	..	2·9	2·8	...	...	...	10·7	...	...	...	...	0·1	...	...	0.3	...	...	...	..	...	...	...	...	0·6	...	...
18	...	...	...	...	...	...	0·1	18·4	...	...	...	1·2	...	...	...	...	0·4	...	...	...	...	...	6·0	...	...	..	...	...	...	...	...
19	...	...	...	...	...	...	...	1·6	...	...	...	...	...	..	...	...	...	...	...	0.2	...	...	1·7	...	...	...	...	0·3	...	...	...
20	...	...	...	...	..	..	...	20·0	...	...	...	...	...	...	0·2	...	...	...	...	...	...	...	...	...	...	...	...	0·3	...	...	...
21	...	..	2·2	...	...	...	...	7·5	...	...	...	...	...	...	...	...	...	0·1	...	...	..	..	...	...	...	...	...	0·2	..	..	...
22	...	4·0	...	...	...	...	...	...	...	...	...	...	...	...	0·1	..	...	...	...	...	...	...	0·4	...	..	...	...	0 3	...	...	...
23	...	26·4	...	...	...	...	0·7	4·5	0·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	...	...	...
24	...	12·0	1·5	0·2	...	...	...	5·0	...	...	...	...	...	...	0·1	...	...	..	...	...	...	0·3	...	...	...	...	...	...	...	...	...

Table XIV.—Rainfall at every Hour of the Day at the Aerological Station, Vacoas, for March, 1950

Day / Hour Ending	1d	2d	3d	4d	5d	6d	7d	8d	9d	10d	11d	12d	13d	14d	15d	16d	17d	18d	19d	20d	21d	22d	23d	24d	25d	26d	27d	28d	29d	30d	31d
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1h	...	.	5·1	0·3	...	..	...	1·2	1·2	...	...	...	0·3	...	...	0·2	...	...	...	...	...	0·4	1·2	...	...	...	...	...	3·1	13·5	...
2	...	...	1·9		0·8	...	...	3·8	2·3	...	0·1	...	...	...	...	0 9	...	...	...	...	...	...	1·1	...	1·5	...	...	..	2·0	1·8	...
3	...	...	...	...	...	...	...	9·3	1·6	...	...	...	...	...	..	...	0·3	0·3	...	. .	...	0·4	0·5	0·1	0·3	...	...	...	0·6	...	...
4	...	...	0·1	...	0·2	...	...	1·2	0·1	...	1·9	..	...	...	...	...	0·3	0·4	...	...	...	0·2	1·7	..	1·2	...	...	...	1·9	0·6	...
5	. .	.	0·2	...	0·5	...	..	...	...	...	3·9	...	..	...	...	0·3	5·7	1·8	...	...	...	0·7	0·2	...	..	...	...	...	1·1	0·3	0·6
6	...	...	...	..	...	...	...	...	...	...	2·6	...	...	...	...	...	4·3	0·3	...	...	...	...	...	...	...	...	...	...	1·0	0·5	...
7	...	...	...	...	...	...	0·1	...	...	..	0·9	...	...	..	...	...	0·3	...	. .	...	...	...	17·5	...	...	...	...	...	10·9	...	0·1
8	..	...	...	...	2·0	...	...	0·8	...	...	0·7	...	...	...	...	...	2·0	...	...	...	...	...	2·2	...	...	...	...	...	0·3	...	0·1
9	...	...	...	...	12·2	...	...	0·3	...	...	...	...	...	...	...	...	...	...	...	...	...	. .	1·6	...	...	...	...	...	0·5	...	...
10	...	...		...	3·7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·0	..	...	...	...	...	...	...	2·7
11	...	...	0·5	...	0·7	...	...	2·1	...	...	...	...	...	...	...	...	...	...	...	...	1·0	0·2	3·0	...	...	...	.	...	...	...	...
Noon	...	...	0·2	...	...	...	...	1·2	...	...	...	...	...	...	...	...	...	0·4	...	...	5·2	0·2	6·5	...	...	...	...	...	2·7	...	...
13h	...	..	...	1·2	0·1	...	...	0·1	...	...	...	...	...	...	...	...	...	...	...	...	9·5	..	2·1	...	...	...	...	...	...	...	...
14	...	...	...	...	10 4	...	...	8·5	...	...	...	1·0	...	...	...	..	...	0·1	...	...	4·0	...	2·3	...	...	...	...	..	...	...	...
15	...	...	2·0	.	1·4	...		1·2	...	0·4	...	5·6	..	...	...	7·5	...	7·1	...	...	2·0	...	2·7	...	...	...	...	...	0·1	...	...
16	...	..	5·4	0·9	0·5	...	0·6	...	...	...	...	21·3	...	...	...	...	...	4·0	...	...	3·0	...	...	...	...	...	...	...	...	...	...
17	. .	...	..	2·7	0·3	...	...	6·8	...	...	...	...	4·2	...	...	0·3	...	...	...	...	3·3	...	0·2	2·0	...	...	..	...	...	...	...
18	0·2	...	...	...	...	...	0·6	4·0	...	...	...	0·4	24·9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·0	...	...
19	0·1	...	...	...	...	...	3·5	15·2	...	...	...	...	1·3	...	...	...	...	...	...	...	...	...	1·3	...	...	...	...	...	1·3	...	0·2
20	...	...	...	...	...	...	1·9	11·4	...	...	...	...	...	...	...	. .	...	...	...	...	0·7	...	...	...	...	...	...	0·2	...	...	...
21	...		..	...	...	...	0·6	4·6	...	...	...	...	0·3	...	0·5	...	...	9·2	...	...	3·4	...	...	...	...	...	...	0·3	...	...	...
22	..	..	..	. .	...	...	0·4	0·4	...	0·8	...	...	0·2	...	0·3	...	...	...	...	.	14·4	...	...	...	...	...	...	0·8	0·4	..	...
23	...	2·4		...	...	1·4	0·5	1·5	...	...	...	...	...	...	0·3	...	..	...	...	...	7·0	...	...	...	...	...	...	0·7	0·6	...	...
24	...	..	0·8	...	...	...	1·8	2·6	...	...	...	...	...	...	...	..	...	...	...	...	0·6	0·3	...	...	...	...	...	1·0	0·7	...	...

Table XV.—Total Monthly Rainfall at Various Stations in Mauritius according to Districts, March, 1950

Districts	Stations	Approximate Altitude in feet.	Total fall in inches.	Total fall in mms.	Normal in inches.	Number of days
B. River	Albion Ltd. Bambous ...	—	7·69	195·4	—	16
	Anna Ltd., Bambous ..	—	5.99	152·1	—	14
	Beau Songe	—	—	—	—	—
	Case Noyale	—	—	—	—	—
	Clarens ...	—	7.33	186·2	—	16
	Govt. School, Bambous ...	—	10·83	275·1	—	13
	Grande Rivière Noire ...	—	—	—	—	—
	La Ferme	350	7·48	190·0	12·25	16
	La Mecque	—	6·05	153·7	—	16
	Médine	—	6·93	176·0	—	17
	Mon Desir, Tamarin ...	—	8·10	205·7	—	15
	Falma	—	—	—	—	—
	Palmyre	—	10·24	260·1	—	17
	Petit Verger	—	—	—	—	—
	Pierre Fonds	—	14·13	358·9	9·03	18
	Richelieu	—	7·66	194·5	—	21
	Tamarin	-	15·70	398·8	—	15
Port Louis	Abercrombie Nursery ...	—	10·17	258·4	—	25
	Line Barracks	—	9·83	249·8	—	19
P/mousses	Beau Plan	—	12·57	319·3	—	19
	Belle Vue (Harel) ...	—	—	—	—	—
	Belle Vue (Maurel) ..	—	20·50	520·7	—	22
	Bois Rouge (de St. Romain)	—	—	—	—	—
	Botanical Gardens ...	325	11·02	280·0	9·88	22
	California ...	—	25 83	656·1	—	18
	Fond du Sac (Ramlagan) ...	—	—	—	—	—
	Govt. School, Pl. des Papayes	—	23·17	588·6	—	15
	La Nicolière	—	21·70	551·2	15·92	22
	Montagne Longue ...	—	—	—	—	—
	Mapou	—	—	—	—	—
	Masailia and Balaklava ...	—	—	—	—	—
	Mon Choisy, Grand Bay ...	—	20·23	513·8	—	19
	Mon Masoal, Grand Bay ...	—	17·77	451·3	—	14
	Mont Piton	—	17·62	447·5	—	20
	Mon Songe (Mapou) ...	—	26·92	683·8	—	24
	Rouge Terre, Fond du Sac ...	—	21·80	553·7	—	17
	Solitude	175	18·55	471·2	6·96	19
	Sottise, Mapou	—	20·16	512.1	—	20
	Terre Rouge	—	-	—	—	—
	The Observatory ...	179	14·00	355·6	8·59	25
	Le Souvenir	—	11·40	289·6	—	19
	Maison Blanche .	—	14·46	367·3	—	19
	Notre Dame (La Nouvelle Industrie Ltée)	—	14·21	360·9	—	19
	Pamplemousses Experiment Station	—	13·62	345·9	—	22
Rivière du Rempart	Antoinette	640	23·54	597·9	11.48	22
	Beau Bois, B. Verdiere ...	—	—	—	—	—
	Beau Séjour	300	17·02	432·3	11·43	23
	Bel Etang	—	—	—	—	—
	Bel Mont	50	17·66	448·6	8·44	19
	Esperance (Harel) ...	—	—	—	—	—
	Esperance (Souchon) ..	—	19·19	487·4	—	22
	Forbach	—	16·50	419·1	6·63	18
	Govt. School Grand Bay ...	—	19·11	485·5	—	10
	Haute Rive	—	—	—	—	—
	Ile d'Ambre	—	19·17	486·9	—	16
	Labourdonnais ...	290	15·31	389·0	9·58	16
	L'Amitié	—	—	—	—	—
	Mare Sèche, Grand Bay ...		—	—	—	—
	Mon Choix	700	15·55	395·0	9·64	22
	Mon Loisir (Lagesse) ...	300	18·79	477·3	8·39	19
	Mon Loisir (Rouillard) ...	—	—	—	—	—
	Mon Tracas (Audibert) ...	—	—	—	—	—
	Petit Raffray, Mapou ...	—	—	—	—	—
	Poudre d'Or	20	19·05	483·9	7.69	19
	Ravensworth	—	25·47	646·9	—	16
	Schoenfield	—	—	—	—	—
	St. Antoine	50	17·74	450·6	7·78	20
Flacq	Australia, Pont Praslin ..	—	23·30	591·8	—	20
	Beau Bois, St. Julien ...	—	28·72	729·5	—	17
	Beau Champ, G.R.S.E. ...	20	19·75	501·7	9·20	26
	Beau Rivage S. R. .	—	22·01	559·1	—	21
	Bel Etang	—	26·79	680·5	—	25
	Belle Mare, Argy ...	—	—	—	—	—
	Belle Rive	400	31·13	790·7	11·68	25
	Belle Vue (Allendy) ...	—	24·87	631·7	10·89	21
	Bois Clair	—	—	—	—	—
	Bon Accueil	—	—	—	—	—
	Brisée Verdière ...	—	—	—	—	—
	Camp de Masque ...	—	—	—	—	—
	Caroline, Bel Air ...	—	—	—	—	—
	Castel Estate, Bel Air ...	—	—	—	—	—
	Clemencia	—	—	—	—	—
	Constance La Gaieté ...	100	26·30	668·0	11·28	20
	Deep River	—	27·54	699·5	—	25
	Etoile	—	29·41	747·0	—	26
	Govt. School Central Flacq	—	6·07	154·2	—	23
	Govt. School, G.R.S.E. ...	—	18·67	474·2	—	30
	Grande Retraite ...	—	27·15	689·6	—	14
	Grosse Roche	—	—	—	—	—
	La Lucie, Bel Air ...	—	—	—	—	—
	Melrose, Montague Blanche	—	—	—	—	—
	Olivia	400	22·75	577·9	12·81	26
	Palmar	—	1·35	34·3	—	16
	Petite Etoile, Bel Air ..	—	—	—	—	—
	Petite Victoria ..	—	—	—	—	—
	Queen Victoria ...	—	25·86	656·8	—	24
	Rich Fund, St. Julien ...	—	21·95	557·5	—	21
	Terres Franches ...	—	27·64	702·1	—	26
	Terres Rocheuses ..	—	28·42	721·9	—	14
	Riviere Seche	—	26·60	675·6	—	22
	Ruisseau Rose	—	—	—	—	—
	Sans Souci	900	26·37	669·8	19·68	23
	Sebastopol	—	—	—	—	—
	Trois Ilots	—	25·22	640·6	—	26
	Union Regnard S.E. ..	600	29·87	758·7	11·97	26
	Unite	—	—	—	—	—
G. Port	Anse Jonchée	—	30·55	776·0	—	25
	Astroea, Cluny ...	—	28·64	727·5	—	28
	Beau Lieu, Union Park ...	—	—	—	—	—
	Beau Vallon (La Cour) ..	—	22·40	569·0	—	23
	,, (Partie Haute) ...	—	—	—	—	—
	Deux Bras	—	8·89	225·8	—	26
	Eau Bleue, Cluny .	—	—	—	—	—
	Ferney	20	29 55	750·6	14·25	27
	Grand Bois, Rose Belle ...	—	—	—	—	—
	Gungah Frères, New Grove	—	—	—	—	—
	Khoyratty, Escalier ...	—	—	—	—	—
	La Vallée. Cluny ..	—	—	—	—	—
	Le Vallon	—	—	—	—	—
	Mare d'Albert	—	—	—	—	—
	Mon Désert Carié ...	75	25·93	658·6	9·03	24
	Mon Trésor	—	28.23	717·0	—	25
	New Grove	650	105·14	2670·6	21·41	23
	Plaisance Airfield ...	—	24·04	610·7	—	29
	Riche-en-Eau	—	25·98	659·9	—	27
	Rose Belle	850	36·20	919·4	16·62	30
	Sauve Terre	—	24·70	627·4	—	21
	Savinia	—	22·26	565·4	—	22
	Ste. Hélène	—	24·60	624·8	—	24
	St. Hubert, Cluny ...	—	42·50	1079·5	—	25
	Ste. Madeleine, Cluny ...	—	—	—	—	—
	Union Park	—	—	—	—	—
	Union Vale	—	13.67	347·2	—	23
	La Baraque	—	27·34	694·4	—	25
Savanne	Baie du Cap	—	—	—	—	—
	Beau Bois	—	37·50	952·5	—	29
	Beau Champ, B. du Cap ...	—	22·40	569·0	11·35	21
	Beau Climat	—	33·91	861·3	—	27

Table XV contd.—Total Monthly Rainfall at Various Stations in Mauritius according to Districts, March, 1950

Districts	Stations	Approximate altitude in feet	Total fall in inches	Total fall in mms.	Normal in inches	Number of days
Savanne	Bel Air, Montocchio ...	—	—	—	—	—
	Bel Air (St. Félix) ...	—	29·35	745·5	10·00	23
	Bel Air, Chemin Grenier ...	—	—	—	—	—
	Bel Ombre	40	20·01	508·3	9·65	20
	Bénarès	—	28·98	736·1	—	23
	Bois Chéri Tea Factory ...	—	39·30	998·2	—	20
	Britannia	700	36·73	932·9	16·19	27
	Camp Diable	—	—	—	—	—
	Cascades	—	—	—	—	—
	Chamouny, Chemin Grenier	—	—	—	—	—
	Choisy, Baie du Cap ...	200	—	—	9·31	—
	Colmar	400	36·88	936·8	13·96	27
	Combo	—	35·22	894·6	—	28
	Fontenelle	320	34·69	881·1	10·79	29
	Frederica	—	27·11	688·6	11·73	19
	Joli Bois; Rivere Dragon ...	—	—	—	—	—
	La Flora	1,050	42·96	1091·2	17·16	27
	Luchon	—	—	—	—	—
	Martiniere, Souillac ...	—	—	—	—	—
	Plaines Longanes ...	—	—	—	—	—
	Riche Bois	650	38·02	965·7	14·93	28
	Ruxa, R. des Anguilles ...	—	33·80	858·5	—	21
	Savannah	200	23·42	594·9	15·24	26
	St. Aubin	300	38·40	975·4	11·19	27
	St. Avold	900	33·95	862·3	11·90	28
	St. Félix	—	28·55	725·2	—	24
	Ste. Marie ..	—	23·24	590·3	—	22
	Terracine	—	27·42	696·5	—	27
	Tivoli	1,300	40·73	1034·5	18·54	28
	Union S.E.	—	29·67	753·6	9·43	28
	R. des Anguilles Estate ..	—	30·15	765·8	—	25
Plaines Wilhems	Aerological Station, Vacoas	1,393	16·50	419·1	12·15	26
	Bagatelle	1,250	18·71	475·2	14·04	23
	Barkly, Beau Bassin ...	—	—	—	—	—
	Bassin, Quatre Bornes .	—	13·25	336·6	8·81	20
	Belle Vue (Martin) ..	—	9·50	241·3	—	17
	Chebel	—	9·82	249·4	—	16
	Clermont, Petite Rivière	—	—	—	—	—
	Curepipe Gardens ..	1,840	29·61	752·2	18·02	24
	Curepipe, Royal College ...	—	31·00	787·4	—	25
	Ebène	—	12·23	310·6	—	23
	Floréal	—	—	—	—	—
	Gros Cailloux, Pte. Rivière	—	8·97	227·8	—	14
	Henrietta	—	14·21	360·9	—	22
	Highlands	1,300	22·84	580·1	14·71	23
	Crown Land Wootton ...	—	—	—	—	—
	La Marie Filter Beds ...	1,700	20·43	518·9	16·35	24
	Les Rosieres, Pte. Riviere	—	10·00	254·0	—	17
Plaines Wilhems	Malgré Tout, Pte. Riviere	—	9·70	246·4	—	14
	Moon	—	12·81	325·4	—	22
	Mare-aux-Vacoas (Arn.) ...	1,830	34·44	874·8	20·79	30
	Mare-aux-Vacoas (G.End.)	1,850	30·72	780·3	18·24	28
	Midlands Dam ...	—	35·41	899·4	—	24
	Nouvelle France .	—	—	—	—	—
	Paro-aux-Cerfs (Tea Plantations)	—	36·03	915·1	—	24
	Pétrin	—	28·39	721·1	—	26
	Phœnix	—	20·74	526·8	—	18
	Quatre Bornes	—	10·24	260·1	—	20
	Réunion	1,420	21·69	550·9	14·00	23
	Roches Brunes, B. Bassin	—	—	—	—	—
	Tamarin-Falls	—	18·13	460·5	—	21
	Trianon	950	14·37	365·0	11·37	20
	Mare Longue	—	24·11	612·4	—	25
Moka	Alma	1,460	28·09	713·5	19·00	30
	Bega	—	8·67	220·2	—	22
	Beau Bois (Moka) ...	—	—	—	—	—
	Bonne Veine	400	29·13	739·9	17·53	26
	Cote d'Or	—	18·25	463·6	—	19
	Helvetia	—	—	—	—	—
	Hermitage	1,450	18·68	474·5	17·01	21
	Le Reduit	1,000	13·79	350·3	10·00	26
	Minissy	1,150	13·85	351·8	12·24	23
	Mont Desert	—	18·65	473·7	—	23
	Mont Ida, Q. Militaire ..	—	—	—	—	—
	Mont Pevril	—	17·89	454·4	—	24
	Mon Rêve	—	13·75	349·3	—	23
	Réduit Ltd., Moka ..	—	—	—	—	—
	Ripailles; St. Pierre ...	.	—	—	—	—
	Piton du Milieu Reservoir ..	—	32·42	823·5	—	28
Rodrigues	Flat Island	—	8·40	213·4	—	10
	Oyster Bay	—	4·99	126·7	—	19
	Point Venus	—	6·96	176·9	—	22
	Solitude	—	4·92	125·0	—	13
Chagos-Archipelago	Diégo-Garcia, Met. Station	—	3·51	89·2	—	15
	Peros Banhos	—	4·18	106·2	—	4
	Salomon Islands (Boddam)	—	10·11	256·8	—	8
	St. Brandon	—	4·03	102·4	—	17
Cargados Caragos Agalega	Met. Station	—	8·34	211·8	—	19

Table XVI.—Observations of Pilot Balloons, month of March, 1950

Date	Time	1,000 feet		3,000 feet		5,000 feet		7,000 feet		10,000 feet		13,000 feet		15,000 feet		17,000 feet		20,000 feet		25,000 feet		30,000 feet	
		Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.
1	09·00	12	17	12	23	14	08	18	07	11	02	...	...	...	...	...	...	...	...	...	...	...	...
2	08·38	12	14	11	21	09	17	09	17	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	08·35	05	06	04	09	02	08	04	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	08·35	10	18	10	07	08	05	07	06	12	04	11	10	13	09	14	12	09	19	...	...	...	...
5	08·25	09	14	07	14	08	07	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	08·14	11	12	11	13	19	14	21	13	20	09	...	...	...	...	...	...	...	...	...	...	...	...
7	08·05	12	15	12	14	10	09	11	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	08·34	12	14	10	28	09	34	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	08·50	12	31	13	23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	08·34	07	15	06	19	06	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	08·00	09	24	11	11	15	10	22	11	22	12	...	...	...	...	...	...	...	...	...	...	...	...
12	08·54	10	11	09	12	09	09	06	04	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	08·52	09	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	08·40	09	11	14	06	09	01	01	06	01	11	35	07	34	06	32	09	32	13	...	...	...	...
15	08·50	10	15	08	14	08	15	08	04	10	07	...	...	...	...	...	...	...	...	...	...	...	...
16	08·50	08	22	08	13	08	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	08·50	10	26	08	21	08	26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	08·54	08	19	06	19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	08·05	10	12	09	12	09	09	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	08·56	12	07	09	05	11	06	12	09	19	03	...	...	...	...	...	...	...	...	...	...	...	...
21	08·31	10	17	08	14	09	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	08·30	12	26	11	19	11	22	10	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	08·30	33	08	36	22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	08·20	26	04	30	07	30	11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	08·50	07	03	02	02	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27	08.30	09	03	10	03	17	09	20	12	17	08	09	11	10	02	09	03	14	10	...	...	...	...
28	07.40	13	15	12	25	10	18	11	07	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	09·59	10	11	09	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30	09·00	12	17	10	17	09	24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
31	09·12	08	14	08	28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

COLONY OF MAURITIUS

Royal Alfred Observatory, Mauritius

(LATITUDE 20° 5′ 39″ S.—LONGITUDE 3h 50m 12s·6 E.)

RESULTS

OF

Magnetical and Meteorological Observations

FOR THE MONTH OF

APRIL, 1950

N. R. McCURDY, B.Sc.
Director.

Published by Authority of His Excellency the Governor

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Table I.—Results of Magnetical Observations taken during the month of April, 1950

Month and Day	Mean: Declination (West)	Mean: Horizontal and Vertical Force (C.G S. Units)		Daily Range: Declination	Daily Range: Horizontal Force (Unit 1 γ)	Daily Range: Vertical Force (Unit 1 γ)
	° ′			′		
Apr. 1	—	—	.30362	—	—	26
2	—	.22286	363	—	38	27
3	—	298	355	—	80	53
4	—	287	366	—	64	34
5	—	283	366	—	57	38
6	—	285	371	—	51	25
7	—	292	368	—	28	23
8	—	313	365	—	28	33
9	—	316	362	—	50	44
10	—	319	366	—	50	40
11	—	324	363	—	50	33
12	—	318	365	—	71	42
13	15 37·9	318	363	10·4	32	44
14	38·6	323	363	7·6	27	39
15	37·7	318	366	8·0	50	31
16	36·7	317	366	7·6	47	26
17	—	—	366	—	—	21
18	—	307	369	—	31	25
19	—	—	369		—	36
20	—	—	371	—	—	16
21	—	—	365	—	—	37
22	37·9	321	360	8·4	32	35
23	38·4	339	359	7·5	75	28
24	37·6	312	365	4·8	50	27
25	38·0	317	364	8·4	33	32
26	—	322	363	—	31	25
27	—	328	360	—	24	33
28	38·0	321	366	5·8	76	15
29	—	—	369	—	—	34
30	37·9	295	371	6·4	88	34
—	—	—	—	—	—	—
	° ′			′		
Mean	15 37 87	·22311	·30365	7·49	48·8	31·9

Magnetic Disturbances—April, 1950

1d Slightly disturbed.
3d. Slightly disturbed.
4d. Moderately disturbed.
5d. Moderately disturbed.
7d. Slightly disturbed.
13d. Moderately disturbed.
15d. Moderately disturbed.
16d. Slightly disturbed.
19d. Slightly disturbed.
22d. Moderately disturbed during Second half.
24d. Moderately disturbed.
28d. Slightly disturbed.
29d. Moderately disturbed.
31d. Moderately disturbed.

T = ·37680 : Mean Dip = 53°41′·58 X = ·21486 : Y = −·060113 : Z = ·30365

Table II.—Results of Absolute Determinations of the Magnetic Elements made during the month of April, 1950

Declination (West)		Horizontal Force		Dip (South)		Resulting Vertical Force
Day and Hour	Observed Value	Day and Hour	Observed Value	Day and Hour	Observed Value	
d h m	° ′	d h m		d h m	° ′	
3 9 25	15 41·50	3 9 50	·22320	3 9 15	53 41·25	.30376
10 9 50	15 43·00	6 9 25	·22313	10 9 58	53 40·50	.30379
11 9 20	15 42·17	10 9 20	·22307	17 9 08	53 41·37	.30371
24 9 25	15 42·25	13 9 22	·22328	24 10 05	53 41·87	.30380
		17 9 52	·22320			
		24 9 15	·22312			

Table III—Magnetic Declination West at every Hour of the Day as deduced from the Photographic Records

APRIL 1950

15° +

Day / Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Day / Hour
	′	′	′	′	′	′		′	′	′	′	′	′	′	′		
Midnight	38·0	—	—	—	—	—	—	—	—	—	—	—	38·6	38·6	38·0	37·4	Midnight
1h	38·2	—	—	—	—	—	—	—	—	—	—	—	38·8	38·8	38·2	36·8	1h
2	38·6	—	—	—	—	—	—	—	—	—	—	—	39·0	39·2	38·4	36·0	2
3	38·8	—	—	—	—	—	—	—	—	—	—	—	39·4	39·4	38·5	35·6	3
4	38·4	—	—	—	—	—	—	—	—	—	—	—	39·6	39·6	38·0	35·4	4
5	38·2	—	—	—	—	—	—	—	—	—	—	—	39·2	39·2	37·4	34·6	5
6	37·0	—	—	—	—	—	—	—	—	—	—	—	38·4	39·0	36·8	35·6	6
7	37·4	—	—	—	—	—	—	—	—	—	—	—	37·6	39·6	38·0	37·6	7
8	38·0	—	—	—	—	—	—	—	—	—	—	—	40·0	41·4	41·0	39·0	8
9	—	—	—	—	—	—	—	—	—	—	—	—	42·0	43·0	42·4	40·8	9
10	—	—	—	—	—	—	—	—	—	—	—	—	42·4	42·6	42·0	41·4	10
11	—	—	—	—	—	—	—	—	—	—	—	—	42·0	40·8	40·0	40·0	11
Noon	—	—	—	—	—	—		—	—	—	—	—	38·0	38·0	36·0	37·0	Noon
13h	—	—	—	—	—	—	—	—	—	—	—	37·0	35·4	37·0	35·6	34·0	13h
14	—	—	—	—	—	—	—	—	—	—	—	36·0	32·0	36·0	34·8	33·8	14
15	—	—	—	—	—	—	—	—	—	—	—	34·0	32·4	35·6	34·4	34·0	15
16	—	—	—	—	—	—	—	—	—	—	—	35·6	33·0	35·4	34·6	34·2	16
17	—	—	—	—	—	—	—	—	—	—	—	36·2	35·0	35·6	35·6	34·8	17
18	—	—	—	—	—	—	—	—	—	—	—	37·4	37·4	36·8	37·0	36·0	18
19	—	—	—	—	—	—	—	—	—	—	—	37·6	37·6	37·4	38·0	36·8	19
20	—	—	—	—	—	—	—	—	—	—	—	37·8	37·8	37·8	38·0	37·4	20
21	—	—	—	—	—	—	—	—	—	—	—	38·2	38·0	38·0	37·6	37·6	21
22	—	—	—	—	—	—	—	—	—	—	—	38·4	38·2	38·2	37·4	37·7	22
23	—	—	—	—	—	—	—	—	—	—	—	38·4	38·4	38·0	37·2	37·8	23

APRIL 1950—*continued*

15° +

Day / Hour	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.	Day / Hour
	′		′		′	′	′	′	′	′	′	′	′	′	′	′	
Midnight	—	—	—	—	—	37·6	38·4	38·2	38·6	—	—	38·6	—	40·0	—	38·4	Midnight
1h	—	—	—	—	—	37·7	38·4	38·6	38·8	—	—	38·2	—	39·8	—	38·4	1h
2	—	—	—	—	—	38·0	38·6	38·2	38·4	—	—	38·6	—	39·6	—	38·4	2
3		—	—	—	—	38·2	38·8	38·4	38·3	—	—	39·4	—	38·0	—	38·4	3
4	—	—	—	—	—	38·4	39·0	38·5	38·0	—	—	39·0	—	38·0	—	38·3	4
5	—	—	—	—	—	38·6	38·4	37·0	38·3	—	—	38·4	—	37·6	—	37·9	5
6	—	—	—	—	—	39·0	38·0	36·0	38·8	—	—	38·6	—	37·0	—	37·7	6
7	—	—	—	—	—	39·6	38·4	35·4	38·6	—	—	37·8	—	37·4	—	38·0	7
8	—	—	—	—	—	41·0	40·0	36·0	39·8	—	—	38·0	—	37·6	—	39·4	8
9	—	—	—	—	—	42·0	42·0	39·0	42·0	—	—	39·0	—	39·0	—	41·1	9
10	—	—	—	—	42·4	39·8	42·5	39·4	42·2	—	—	40·2	—	36·0	—	40·8	10
11	—	—	—	—	40·0	38·0	40·8	39·8	40·6	—	—	40·8	—	36·0	—	39·9	11
Noon	—	—	—	—	37·6	36·0	39·8	37·8	38·0	—	40·0	38·0	37·8	36·4	—	37·5	Noon
13h	—	—	—	—	35·4	34·8	38·0	37·0	37·0	—	37·8	37·8	37·6	36·0	—	36·2	13h
14	—	—	—	—	34·2	33·6	35·0	35·8	34·0	—	35·0	37·0	37·0	37·0	—	34·9	14
15	—	—	—	—	33·8	34·8	36·6	35·0	33·8	—	35·2	36·0	37·2	36·4	—	34·9	15
16	—	—	—	—	35·0	36·0	35·0	35·4	34·0	—	35·6	35·0	37·4	36·6	—	34·9	16
17	—	—	—	—	36·0	37·4	37·0	36·0	35·6	—	36·2	35·6	38·0	37·0	—	36·0	17
18	—	—	—	—	37·4	38·0	37·2	37·6	37·6	—	37·6	36·4	39·2	37·6	—	37·2	18
19	—	—	—	—	37·6	38·2	37·6	38·2	37·8	—	37·8	37·0	39·0	38·0	—	37·7	19
20	—	—	—	—	37·7	38·2	38·0	38·4	37·6	—	38·2	37·6	40·0	38·2	—	37·9	20
21	—	—	—	—	37·8	38·4	38·2	38·5	37·8	—	38·4	38·2	39·6	39·8	—	38·2	21
22	—	—	—	—	37·8	38·4	38·2	39·0	38·0	—	38·2	38·4	39·8	40·2	—	38·4	22
23	—	—	—	—	38·0	38·6	38·0	38·8	38·2	—	38·4	38·5	39·8	40·4	—	38·4	23

Table IV.—Magnetic Horizontal Force at every Hour of the Day as deduced from the Photographic Records

(The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber)

APRIL 1950

+ ·22000 (C.G.S. UNIT)

Day / Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Day / Hour
Midnight	278	279	292	270	271	274	308	309	311	314	312	309	308	322	323	303	Midnight
1	280	297	308	280	272	270	292	305	314	317	317	320	311	321	325	302	1
2	284	290	311	281	280	273	293	302	315	318	318	327	312	323	326	308	2
3	—	299	312	282	290	272	291	308	317	322	324	326	313	324	322	314	3
4	—	297	304	283	297	264	285	312	320	323	323	330	317	327	320	313	4
5	—	296	307	281	296	268	300	311	323	320	325	334	318	328	326	318	5
6	—	299	298	280	307	280	298	317	322	324	330	336	320	329	332	323	6
7	—	302	289	290	302	282	297	320	321	322	331	341	321	329	340	328	7
8	—	300	290	293	297	290	295	322	321	316	334	350	322	328	335	330	8
9	—	290	304	312	299	289	290	321	325	327	335	355	319	321	323	331	9
10	—	278	308	320	309	300	280	323	331	329	346	330	312	370	339	335	10
11	337	277	330	329	304	302	282	325	334	337	353	321	320	325	321	340	11
Noon	330	280	344	315	313	309	300	321	348	350	354	320	330	338	328	341	Noon
13	312	289	342	312	294	315	302	323	341	335	347	328	340	330	336	342	13
14	291	282	325	305	282	302	298	321	330	314	332	313	339	324	334	338	14
15	282	270	300	290	274	290	294	317	310	303	322	298	325	318	320	327	15
16	280	264	287	274	272	281	282	313	302	300	313	284	311	313	303	312	16
17	268	270	290	272	270	284	280	310	298	307	309	290	311	311	290	309	17
18	278	277	284	268	268	287	282	308	290	309	308	300	312	317	302	309	18
19	290	280	272	267	264	280	286	299	289	313	307	302	313	319	303	300	19
20	284	290	270	265	259	278	292	297	294	312	304	303	314	319	298	298	20
21	282	289	267	267	262	277	291	302	305	317	305	301	315	320	297	297	21
22	286	284	264	274	264	280	292	305	310	319	308	303	319	320	298	296	22
23	284	290	265	270	256	281	290	310	312	318	310	304	321	322	300	295	23

APRIL 1950—*continued*

+ ·22000 (C.G.S. UNIT)

Day / Hour	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.	Day / Hour
Midnight	—	290	302	—	—	305	330	313	301	314	320	315	284	276	—	303	Midnight
1h	—	292	304	—	—	307	331	311	302	316	319	332	282	284	—	306	1h
2	—	300	309	—	—	309	333	325	308	315	322	322	284	290	—	308	2
3	—	302	320	—	—	314	335	329	317	316	324	323	290	305	—	312	3
4	—	306	318	—	—	315	342	329	313	317	328	324	310	307	—	312	4
5	—	304	320	—	—	316	350	334	318	318	329	327	—	313	—	315	5
6	—	310	378	—	—	317	362	337	320	321	333	326	—	315	—	318	6
7	—	312	332	—	—	318	364	339	323	323	333	335	—	325	—	320	7
8	—	314	331	—	—	317	370	340	335	327	332	347	—	342	—	323	8
9	—	317	329	—	—	313	382	322	334	326	331	348	—	330	—	323	9
10	—	319	310	—	308	307	360	318	329	324	330	353	—	327	—	322	10
11	—	321	294	—	301	310	359	328	330	332	335	358	320	335	—	325	11
Noon	319	318	296	—	304	319	365	320	327	343	342	359	330	331	—	330	Noon
13	320	316	300	—	298	318	360	294	320	336	338	347	334	370	—	326	13h
14	312	312	307	—	295	335	352	298	321	327	338	341	330	305	—	319	14
15	301	310	301	—	296	337	334	290	316	320	332	325	310	290	—	309	15
16	300	307	298	—	297	326	324	288	309	312	325	308	288	275	—	299	16
17	302	298	292	—	305	330	318	289	310	315	326	301	274	265	—	298	17
18	305	297	287	—	307	337	310	291	311	317	325	295	272	262	—	299	18
19	306	296	274	—	308	335	307	292	310	320	323	289	267	258	—	297	19
20	308	300	262	—	309	333	314	294	311	321	321	284	264	254	—	997	20
21	292	304	—	—	309	331	310	300	310	320	319	286	268	257	—	298	21
22	288	320	—	—	310	330	312	302	312	321	319	284	267	260	—	300	22
23	289	309	—	—	308	329	313	300	314	320	318	283	275	265	—	300	23

Table V.—Magnetic Vertical Force at every Hour of the Day as deduced from the Photographic Records

(The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber)

APRIL 1950

+ ·30000 (C.G.S. UNIT)

Hour \ Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Hour \ Day
Midnight	365	367	367	371	373	383	371	372	372	372	367	370	368	367	366	368	Midnight
1h	365	363	367	367	370	372	370	368	371	371	367	370	368	367	366	368	1h
2	363	364	362	364	370	373	370	370	370	371	367	368	368	367	366	367	2
3	362	365	360	363	367	372	370	370	370	371	366	368	368	367	366	368	3
4	361	365	361	362	367	373	367	370	370	370	366	368	369	367	367	367	4
5	360	365	363	363	367	372	368	371	370	370	365	368	369	367	368	368	5
6	363	366	363	365	367	370	368	370	369	370	366	367	370	367	368	368	6
7	362	367	367	367	368	377	370	374	372	370	366	367	370	369	369	368	7
8	368	370	372	368	371	378	376	381	376	377	367	375	377	377	374	373	8
9	371	372	368	370	370	372	372	382	370	383	372	388	381	381	379	375	9
10	373	370	355	364	363	366	370	374	367	384	375	380	376	376	372	368	10
11	367	360	345	353	359	360	368	358	348	374	362	360	358	362	352	354	11
Noon	357	352	327	350	351	358	357	349	337	357	345	346	340	348	348	349	Noon
13h	347	346	322	351	346	359	353	350	332	344	342	347	337	342	352	352	13h
14	348	345	319	355	349	360	354	350	333	345	344	349	339	343	356	357	14
15	350	353	327	358	350	364	357	350	338	349	349	348	341	348	355	362	15
16	352	358	342	363	356	373	364	353	349	352	355	358	352	355	362	366	16
17	358	362	351	366	362	372	373	357	359	359	362	362	362	358	367	369	17
18	364	366	357	369	375	372	376	362	367	364	366	366	367	363	370	370	18
19	363	365	360	371	367	372	374	363	368	365	367	367	367	363	369	370	19
20	363	367	363	374	380	375	375	369	371	365	368	368	367	366	370	372	20
21	366	368	367	381	378	378	374	371	371	367	369	370	369	367	370	371	21
22	366	367	369	384	384	379	373	372	370	367	369	369	368	367	370	372	22
23	366	368	370	376	381	375	373	372	372	368	370	369	367	367	370	370	23

APRIL 1950—*continued*

+ ·30000 (C.G.S. UNIT)

Hour \ Day	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.	Hour \ Day
Midnight	369	372	371	379	380	369	365	369	371	368	367	364	373	375	—	370	Midnight
1h	368	370	371	376	376	369	364	369	371	368	367	362	373	373	—	369	1h
2	367	369	370	374	372	369	365	369	371	368	367	363	374	372	—	368	2
3	367	368	368	373	371	368	363	367	370	368	367	364	373	371	—	368	3
4	366	368	367	372	373	367	362	367	369	368	367	365	371	371	—	367	4
5	367	369	368	371	372	367	361	366	369	368	367	366	368	371	—	368	5
6	368	370	368	371	372	368	360	365	369	367	367	366	369	372	—	368	6
7	368	369	368	371	374	368	359	363	369	364	366	362	369	368	—	368	7
8	374	375	375	375	379	371	361	366	367	369	369	364	374	370	—	372	8
9	378	383	384	377	379	373	365	371	370	372	372	368	376	375	—	375	9
10	365	380	387	375	372	369	360	375	377	370	369	370	372	374	—	372	10
11	362	370	380	371	361	358	360	377	367	360	356	369	363	373	—	362	11
Noon	358	360	364	365	347	347	352	368	352	354	344	363	354	360	—	352	Noon
13h	—	358	359	364	343	341	343	352	345	356	339	359	349	352	—	348	13h
14	—	361	356	366	344	340	343	351	349	355	340	361	350	359	-	349	14
15	—	360	352	363	347	338	345	353	348	347	343	359	358	363	—	351	15
16	—	362	351	364	352	342	340	350	348	348	348	359	365	362	—	355	16
17	—	366	358	368	358	351	351	353	356	355	353	362	370	363	—	361	17
18	—	368	365	369	362	358	357	360	362	361	359	368	375	367	—	366	18
19	—	369	368	369	365	359	363	364	363	363	361	370	376	375	—	367	19
20	—	371	374	370	367	361	365	367	364	364	362	372	383	380	—	369	20
21	—	373	378	372	369	363	367	369	365	365	363	374	379	383	-	371	21
22	—	374	380	372	369	364	368	371	366	366	364	373	379	386	—	372	22
23	—	370	383	373	369	365	368	370	367	367	365	373	375	384	—	371	23

Table VI.—Results of Meteorological Observations made at the Aerological Station, Vacoas (424.5 metres above mean sea-level) during the Month of April, 1950

Month and days 1950	Observations at 10 a.m.									Temperature of the Air							Rainfall			
	Atmospheric Pressure	Temperature of the Air	Excess of Air Temperature over Evaporation Temperature	Temperature of the Dew Point	Relative Humidity (Sat 100)	Vapour Pressure	Wind: Direction	Wind: Velocity	Amount of Cloud (Scale 0—8)	3 h	9 h	15 h	21 h	Daily Maximum	Daily Minimum	Daily Range	Amount recorded by the Cazella Pluviograph	Duration	Duration of Bright Sunshine	Percentage of Possible Sunshine
APR.	mbs.	°C	°C	°C	%	mbs.	°	mps.		°C	°C	°C	°C	°C	°C	°C	mms.	mins.	hrs.	%
1	967·9	25·1	3·1	20·4	75	24·0	110	6·7	6	21·0	24·0	24·8	21·5	26·5	20·6	5·9	0·5	10	10·2	86
2	968·8	23·6	1·8	20·8	85	24·6	125	6·3	8	20·2	21·7	24.8	21·3	25·8	20·0	5·8	6·5	60	7·5	63
3	968·5	24·0	2·4	20·3	80	23·8	110	4·0	5	20·5	22·1	25·1	21·4	25·9	20·2	5·7	3·7	50	9·1	77
4	966·8	22·1	1·9	19·1	83	22·1	125	5·4	7	21·0	20·5	24·2	20·3	24·7	21·0	3·7	2·4	60	6·3	53
5	966·5	23·0	3·6	17·2	59	19·6	110	5·8	4	20·1	22·1	23·8	20·3	26·7	19·8	6·9	1·4	45	10·5	89
6	966·2	24·4	3·5	18·9	71	21·8	120	8·1	3	20·2	21·5	24·9	20·5	25·6	19·5	6·1	0·0	0	10·4	88
7	968·1	23·5	4·3	16·4	64	18·7	160	4·5	1	19·7	21·0	24·3	20·7	25·0	19·7	5·3	2·9	20	11·1	95
8	968·9	22·9	3·3	17·5	72	20·0	125	5·8	5	19·6	21·1	23·4	20·0	25·0	19·4	5·6	2·5	30	11·1	95
9	970·7	21·8	0.9	20·4	92	24·0	110	5·8	6	19·0	19·1	23·7	20·7	24·5	19·0	5·4	16·0	105	8·3	71
10	970·3	23·9	3·4	18·5	72	21·3	110	6·7	4	19·9	22·9	24·0	20·1	24·9	19·3	5·6	10·8	165	10·2	87
11	969·8	23·1	1·8	20·3	84	23·8	100	8·9	7	20·1	21·5	23·6	20·6	24·4	20·0	4·4	23·7	365	8·6	73
12	971·3	22·2	1·0	20·7	91	24·4	110	5·4	6	20·5	20·4	22·9	20·5	24·8	20·4	4·4	19·7	185	6·1	52
13	970·6	20·8	0·9	19·4	92	22·5	120	8·1	7	20·4	19·5	22·9	21·2	23·5	19·5	4·0	1·5	20	7·4	64
14	968·1	23·4	4·5	16·0	63	18·2	100	5·4	6	19·0	19·3	22·8	22·0	25·0	17·2	7·8	3·3	45	7·3	63
15	967·0	23·9	2·4	20·3	80	23·8	90	3·6	5	19·0	21·4	20·4	19·4	24·5	18·1	6·4	72·0	455	2·4	21
16	968·5	22·7	2·2	19·2	80	22·2	110	6·7	4	19·2	21·2	23·4	20·3	24·6	19·2	5·4	1·3	20	10·0	86
17	968·4	21·9	0·6	21·0	95	24·9	110	7·6	7	20·2	20·7	21·6	20·5	23·0	19·2	3·8	20·6	325	0·9	8
18	968·2	22·9	2·7	18·6	77	21·4	110	7·2	7	Instrument out of order	Instrument out of order	Instrument out of order	Instrument out of order	24·5	20·0	4·5	6·9	85	2·5	22
19	966·9	21·5	0·4	20·9	96	24.7	100	4·9	8					21·5	19·7	1·8	100·5	445	0·0	0
20	965·5	20·8	0·3	20·3	97	23·8	90	5·4	8					21·7	19·0	2·7	20·9	495	0·0	0
21	963·6	21·5	0·6	20.6	95	24·2	90	1·8	8					24·6	19·4	5·2	6·4	45	0·9	8
22	963·0	23·5	1·6	21.1	86	25·0	Calm	Calm	6					26·7	20·0	6·7	0·4	10	6·8	59
23	964·9	26·0	3·1	21·4	76	25·5	Calm	Calm	7					26·8	17·4	9·4	16·8	85	5·1	44
24	967·2	25·0	2·1	21·9	83	26·3	110	1·8	7					26·6	20·0	6·6	0·4	10	8·6	75
25	968·9	22·9	1·2	21·1	90	25·0	90	3·1	8					24·2	21·0	3·2	3·8	75	4·8	42
26	968·8	23·0	1·1	21·3	90	25·3	110	2·2	8			23·8	20·0	24·2	18·4	5·8	2·6	45	8·4	74
27	967·1	22·9	2·7	18·6	77	21·4	110	3·1	3	19·5	22·5	23·5	19·6	24·0	19·0	5·0	0·1	5	10·9	96
28	966·2	23·3	3.6	17·4	70	19·9	95	3·6	1	18·8	22·7	23·7	18·4	24·7	18·3	4·4	0·4	5	7·6	67
29	967·2	22·3	1·6	19·8	85	23·1	110	5·4	6	18·3	21·0	22·9	19·4	24·0	18·2	5·8	2·5	45	3·3	29
30	967·6	23·6	2·4	19·8	79	23·1	120	4·5	5	18·7	22·5	22·6	19·6	24·4	18·7	5·7	2·4	65	3·7	33
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mean ...	967·7	23·0	2·2	19·6	81·5	22·9	—	4·9	5·8	19·7	21·3	23·5	20·4	24·7	19·4	5·3	352.9	3375	6·67	57·3
Average	966·9	23·5	2·2	20·0	81·2	23·4	—	4·3	6·4	—	—	—	—	25·6	19·5	6·1	259·1	1927	—	—
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

Excess of Certain Elements at Pamplemousses over the Corresponding Elements at Vacoas

Atmospheric Pressure	–	+1·2 mbs.	Amount of Rain	–	199·0 mms.
Temperature of the Air		—°C	Duration of Bright Sunshine	+	29·0 hrs
Vapour Pressure		—mbs	Mean of Maximum Temperatures	+	2·0 °C
Relative Humidity		—%	Mean of Minimum Temperatures	+	1·8 °C
Velocity of Wind	–	0·2 mps.	Absolute Maximum Temperature	+	2·3 °C
			Absolute Minimum Temperature	+	1·7 °C

Table VII.—Daily Results of Meteorological Observations made during the month of April, 1950

Month and Day 1950	Atmospheric Pressure		Temperature of the Air					Excess of Air Temperature over Evaporation Temperature	Temperature of the Dew Point		Relative Humidity (Saturation = 100)		Vapour Pressure	Minimum on the Grass
	Mean	Excess above Average	Daily Maximum	Daily Minimum	Daily Range	Mean	Excess above Average		Mean	Excess above Average	Mean	Excess above Average		
APRIL	mbs.	mbs.	°C	°C	°C	C	°C	°C	°C	°C	%	%	mbs.	°C
1	1008·7	+ 2.2	27·8	22·2	5·6	24·7	− 0·1	2·4	21·0	− 0·5	81	− 1	24·9	19·1
2	1008·9	+ 2·4	28·0	21·0	7·0	24·2	− 0 6	2·1	21·1	− 0·4	83	+ 1	25·0	18·3
3	1008·0	+ 1·4	28·0	22·0	6·0	24 7	0·0	2·7	20·6	− 0·8	78	− 4	24·2	19·4
4	1006·8	+ 0·1	27·5	22·9	4·6	24 9	+ 0·2	3·7	19·1	− 2·3	71	− 11	22·1	20·4
5	1006·0	− 0·8	27·3	21 0	6·3	23·8	− 0·9	3·3	18·6	− 2·8	73	− 9	21·4	17·5
6	1006·5	− 0·4	27·7	21 0	6·7	24·0	− 0·6	3·1	19·2	− 2·1	75	− 7	22·2	18·0
7	1007·6	+ 0·6	27·7	18·9	8·8	23·0	− 1·6	2·7	18·7	− 2·6	77	− 5	21·6	16·5
8	1009·5	+ 2·5	27·0	19·5	7·5	23·0	− 1·5	3·5	17·4	− 3·8	71	− 11	19·9	16·9
9	1010·8	+ 3 7	26·9	21·4	5·5	23·8	− 0·7	3·1	19·0	− 2·2	75	− 7	22·0	18·5
10	1010·6	+ 3·4	27·1	21·5	5·6	24·0	− 0·4	3·7	18·1	− 3·0	70	− 12	20·8	18·4
11	1010·4	+ 3·2	26·8	22 6	4·2	24·4	0·0	2·1	21·2	+ 0·1	83	+ 1	25·2	20·7
12	1011·8	+ 4·5	26·6	22·5	4·1	24·2	− 0·1	2·3	20·6	− 0·4	81	− 1	24·2	21·0
13	1010·5	+ 3·2	26·5	22·0	4·5	24·0	− 0·3	3·0	19·3	− 1·7	75	− 7	22·4	21·7
14	1008·0	+ 0·6	26·6	19·0	7·6	22·5	− 1·7	2·7	18·1	− 2·8	77	− 5	20·8	16·0
15	1007·5	0·0	27·0	20·3	6·7	23·4	− 0·8	1·7	20·8	− 0 1	85	+ 3	24·6	18·5
16	1008·7	+ 1·2	26·5	21·1	5·4	23·5	− 0·6	2·7	19·3	− 1·5	77	− 4	22·4	18·9
17	1009·0	+ 1·4	25·4	22·2	3·2	23·5	− 0·5	1·5	21·2	+ 0·5	87	+ 6	25·2	20·6
18	1008·0	+ 0·3	26·7	22·4	4.3	24·2	+ 0·2	2·3	20·6	− 0·1	81	0	24·2	21·0
19	1007·0	− 0·8	23·8	21·4	2·4	22 3	− 1·6	1·0	20·8	+ 0·3	91	+ 10	24·6	20·7
20	1005·2	− 2·7	23·6	21·8	1·8	22·4	− 1·5	0·5	21·6	+ 1·1	96	+ 15	25·8	21·0
21	1003·6	− 4·3	26·3	21·7	4·6	23·7	− 0·1	1·1	22·1	+ 1·7	91	+ 10	26·6	22·5
22	1002·8	− 5·2	28·1	21·5	6·6	24·5	+ 0·7	1·1	22·9	+ 2 5	91	+ 10	27·9	19·0
23	1005·1	− 3·0	29·1	19·6	9·5	24·0	+ 0·3	0·6	23·1	+ 2·8	95	+ 14	28·3	17·3
24	1007·9	− 0·3	26·9	21·3	5·6	23·8	+ 0·1	0·6	22·9	+ 2·6	95	+ 14	27·9	20·4
25	1009·7	+ 1·5	26·7	23·0	3·7	24·6	+ 1·0	2·5	20·8	+ 0·6	80	− 1	24·6	21·0
26	1008·7	+ 0·4	26·3	21·6	4·7	23·6	+ 0·1	2·8	19 2	− 0·9	77	− 4	22·2	18·5
27	1007 0	− 1·4	25·6	21·0	4·6	23·0	− 0·5	2·8	18·5	− 1·6	76	− 5	21·3	19·3
28	1006·3	− 2·2	26·6	19·7	6·9	22·8	− 0·6	2·8	18·4	− 1 6	76	− 5	21·2	16·7
29	1007·4	− 1·2	25·7	19·2	6·5	22·2	− 1·2	2·0	19·1	− 0·9	83	+ 2	22·1	17·3
30	1007·8	− 1·9	25·8	20·0	5·8	22·6	− 0·7	0·9	21.3	+ 1·4	93	+ 12	25 3	15·5
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mean	1007·9	+ 0·3	26·7	21·2	5·5	23·6	− 0·5	2·2	20·2	− 0·6	81·5	0·0	23·7	19·0
Average	1007·6	—	27·6	21·1	6·5	24·1	—	2·2	20·8	—	81·5	—	24·4	18·3
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14

General Weather Conditions during the Month of April, 1950

Pressure continued higher than normal to the south of Mauritius until the 20th when a tropical depression formed 375 miles north-north-west of Mauritius. It moved slowly south-south-east and on the 22nd was 175 miles north-east of Mauritius and was filling up. Pressure remained low until the end of the month.

Rainfall was heavy during the activity of the depression but for the month was about normal in the West and North, slightly above normal in the East and South and considerably above in the Centre.

Table VII *contd.*—Daily Results of Meteorological Observations made during the month of April, 1950

Month and Day 1950	Rainfall: Amount recorded by the Dines Pluviograph	Rainfall: Duration	Amount of Evaporation	Duration of Bright Sunshine	Percentage of Possible Sunshine	Observed Wind Velocity: Mean	Observed Wind Velocity: Excess above Average	Temperature of the Soil: 10 Feet	5 Feet	2 Feet	12 Inches
APRIL	mms.	mins.	mms.	hrs.	%	m.p.s.	m.p.s.	°C	°C	°C	°C
1	0·7	20	5·1	10·9	92	3·4	+ 0·2	25·5	26·5	27·1	27·8
2	2·6	30	4·9	7·8	66	3·3	+ 0·1	25·5	26·6	27.2	27·8
3	3·4	55	5·1	9.1	77	3·8	+ 0·6	25·5	26·5	27·1	27·7
4	0·6	40	5·6	9·7	82	3·5	+ 0·3	25·5	26·7	27·2	27·8
5	3·0	40	6·0	10·5	89	3·4	+ 0·2	25·5	27·0	27·1	27·9
6	0·0	—	4·8	10·8	92	3·0	− 0·2	25·9	26·6	27·1	27·7
7	0·0	—	6·5	11·0	93	3·1	− 0·1	25·9	26·1	27·0	27·7
8	0·0	—	5·2	10·2	87	3·5	+ 0·2	25·6	27·3	27·0	28·0
9	0·9	35	4·1	8·9	76	5·1	+ 1·8	25·6	27·4	27·0	28·0
10	6·0	100	6·0	10·2	87	5·0	+ 1·7	25·7	27·6	26·8	27.9
11	4·8	100	5·0	7·9	68	6·0	+ 2·7	25·6	27·3	26·8	27·8
12	4·8	90	4·5	8·4	72	5·0	+ 1·7	25·6	27·5	26·7	27·6
13	1·2	25	4·7	5·5	47	4·2	+ 0 9	25·7	26·7	27·3	27·3
14	0·0	—	4·0	7·2	62	3·0	− 0·3	25·7	27·0	26·7	27·5
15	24·4	165	5·7	6·6	57	3·7	+ 0·4	25·7	27·2	26·5	27·4
16	0·0	—	3·7	10·9	94	4·0	+ 0·7	25·6	26·3	26·4	27·2
17	19·2	365	3·8	0 5	4	4·9	+ 1·6	25·5	26·5	26·4	27·4
18	5·7	100	2·5	3·6	31	4·6	+ 1·3	25·5	26·3	26·4	27·1
19	26·1	650	1·6	0·0	0	4·9	+ 1·6	25·5	26·1	26·3	26·9
20	29·7	735	4·8	0·0	0	4·3	+ 1·0	25·6	26·2	26·2	26·4
21	12·7	160	4·5	4·4	38	3·0	− 0·3	25·5	26·1	25·5	25·5
22	0·0	—	2·7	9·3	81	1·9	− 1·4	25·5	26·4	25·7	26·2
23	0·0	—	3·9	10·4	90	1·7	− 1·6	25·6	26·2	25·4	26·6
24	0·4	10	5·0	8·3	72	2·8	− 0 5	25·6	26·4	25·9	27·2
25	2·8	60	2·0	7·3	64	3·4	+ 0·1	25·6	26·3	26·0	27·4
26	0·9	70	3·0	9·1	80	2·9	− 0·4	25·6	26·5	26·0	27·0
27	1·9	70	4·2	10.8	95	3·2	− 0.1	25·7	26·6	26·1	27·4
28	0·0	—	5·6	9·4	83	2 7	− 0·6	25·7	26·7	26·1	27·1
29	0·0	—	3·2	5·6	49	3·0	− 0·3	25·7	26·8	26.1	27·2
30	2·1	115	2.7	4·8	42	2·9	− 0·4	25·7	26·7	26.1	27·1
—	—	—	—	—	—	—	—	—	—	—	—
Mean	153·9 Sum	3035 Sum	4·3	7·64	65·7	3·64	+ 0·36	25·61	26·67	26·51	27·32
Average	126·4	1522	4·4	7·55	65·0	3·28	—	—	—	—	—
Column	15	16	17	18	19	20	21	22	23	24	25

Means and Extremes of certain Meteorological Elements during the Month of April, 1950

Element	*Highest*			*Date*	*Lowest*			*Date*
Atmospheric Pressure	1013·2 mbs	at	21.00 hrs.	on 12th	1001·5 mbs	at	15.00 hrs.	on 22rd
Temperature of the Air	29·1 °C	,,	--	,, 23rd	18·9 °C	,,	—	,, 7th
Daily range of temperature of the Air ...	9·5 °C	,,	—	,, 23rd	1·8 °C	,,	—	,, 20th
Temperature of the Dew Point	23·1 °C	,,	—	,, 23rd	17·4 °C	,,	—	,, 8th
Daily range of temperature of the Dew Point...	—	,,	—	,, —	—	,,	—	,, --
Minimum on Grass	—	,,	—	,, —	15·5 °C	,,	—	,, 7th
Relative Humidity	96%	,,	—	,, 20th	70%	,,	—	,, 10th
Vapour Pressure	28·3 mbs.	,,	—	,, 23rd	19.9 mbs.	,,	—	,, 8th
Evaporation in 24 hours	6·5 mms	,,	—	,, 7th	1·6 mms.	,,	—	,, 19th
Wind Velocity	9.8 m.p.s.	,,	14.00 hrs.	,, 11th	—	,,	—	,, —
Rainfall in 24 hours	38·4 mms ending		03.00 hrs.	,, 21st	—	,,	—	,, —
Duration of sunshine	11·0 hrs.		—	,, 7th	0·0 hr.	,,	—	,, 19th & 20th

NUMBER OF DAYS OF

Rainfall: mms. 0·1—0·9	mms. 1·0—4·9	mms. 5·0—9·9	mms. 10·0—24·9	mms. 25·0—39 9	mms. 40·0—54·9	mms. 55·0 and over	Lightning	Thunderstorm
5	9	2	3	2	—	—	--	—

Table VIII.—Barogram

APRIL 1950

The initial 10 or 9 is omitted. The unit in the table is 0·1 millibar

Day / Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Day / Hour
Midnight	092	099	090	081	072	068	079	089	108	118	102	119	121	102	079	084	Midnight
1h	088	095	090	080	070	064	077	085	106	115	100	116	119	099	077	080	1h
2	086	095	082	072	064	060	072	082	102	110	099	114	113	093	069	078	2
3	082	086	079	059	061	059	068	081	100	109	094	109	106	085	063	074	3
4	081	082	077	061	060	059	064	081	099	103	094	108	103	083	070	072	4
5	080	083	078	060	059	060	065	084	098	107	099	110	110	081	066	074	5
6	083	088	080	061	059	062	070	089	101	110	100	113	113	082	067	077	6
7	086	092	084	068	063	067	077	094	104	113	103	120	119	083	073	082	7
8	093	100	091	074	065	072	080	094	114	118	109	123	120	091	080	090	8
9	095	101	092	078	069	076	083	101	120	119	110	131	120	094	081	097	9
10	094	101	092	079	069	073	081	102	120	118	113	131	119	086	082	100	10
11	092	097	087	078	061	072	080	101	113	113	109	123	111	081	080	092	11
Noon	086	088	081	071	057	067	071	098	105	107	101	120	101	074	072	097	Noon
13h	082	081	075	063	049	060	067	092	101	101	098	115	093	065	067	084	13h
14	080	080	072	060	042	053	060	081	101	094	090	110	090	061	063	081	14
15	078	077	065	054	042	051	060	087	101	090	091	108	089	070	063	075	15
16	076	075	064	053	042	051	061	089	102	086	094	110	085	061	065	077	16
17	079	079	065	060	043	058	067	094	102	088	099	111	087	061	067	082	17
18	082	080	072	061	048	059	074	099	106	094	101	113	091	069	074	086	18
19	084	083	076	063	057	061	080	101	112	101	108	120	098	075	081	091	19
20	091	088	080	069	063	071	089	110	118	105	119	128	102	079	084	096	20
21	097	094	081	078	069	080	095	112	120	110	120	132	110	082	090	100	21
22	101	096	084	080	073	081	094	112	121	108	121	131	108	083	091	101	22
23	102	093	083	079	071	080	094	109	119	104	121	126	107	082	086	102	23

APRIL 1950—*continued*

The initial 10 or 9 is omitted. The unit in the table is 0·1 milibar

Day / Hour	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean	Day / Hour
Midnight	100	095	080	063	047	038	040	067	101	102	082	071	074	086	—	1008·5	Midnight
1h	093	090	079	062	043	031	040	064	100	100	079	067	069	084	—	1008·2	1h
2	091	086	070	058	040	026	039	062	094	097	072	062	064	081	—	1007·8	2
3	084	082	066	051	039	021	034	062	089	092	066	060	062	080	—	1007·3	3
4	083	081	065	048	031	021	035	062	089	087	064	060	064	078	—	1007·2	4
5	082	081	057	052	034	022	039	064	091	089	066	060	063	075	—	1007·3	5
6	089	080	062	051	038	023	042	071	093	091	068	062	064	060	—	1007·6	6
7	092	086	064	059	040	025	051	078	100	098	074	070	077	084	—	1008·1	7
8	097	091	063	066	042	030	060	082	101	101	080	070	081	089	—	1008·6	8
9	100	095	080	065	047	037	061	086	107	101	084	071	085	091	—	1008·9	9
10	099	092	082	065	043	036	060	086	103	101	083	070	088	092	—	1008·9	10
11	094	082	080	062	038	031	057	083	102	092	079	062	080	084	—	1008·4	11
Noon	088	080	075	054	032	025	050	080	101	083	069	060	075	081	—	1007·8	Noon
13h	083	072	070	054	028	021	047	079	100	080	061	051	068	070	—	1007·3	13h
14	081	065	064	046	023	016	042	071	092	075	055	044	063	064	—	1006·7	14
15	079	062	062	042	022	015	041	069	086	072	056	042	062	064	—	1006·6	15
16	082	062	061	033	022	019	042	070	086	070	058	048	064	063	—	1006·6	16
17	082	064	063	032	023	022	048	074	089	070	060	055	069	064	—	1006·9	17
18	089	072	066	037	028	024	054	082	092	078	063	060	074	066	—	1007·3	18
19	093	079	071	041	034	031	060	084	100	080	070	063	081	076	—	1007·8	19
20	096	080	075	046	041	041	066	093	102	084	074	074	084	082	—	1008·4	20
21	095	080	080	055	042	042	069	101	102	086	079	080	089	085	—	1008·9	21
22	097	081	080	054	040	042	071	102	104	086	078	080	092	084	—	1008·9	22
23	100	081	072	053	039	041	073	102	104	084	073	075	088	082	—	1008·7	23

Table IX.—Duration of Bright Sunshine at the Aerological Station, Vacoas, by the Campbell Stokes Sunshine Recorder

APRIL 1950

Day / Hour Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total Hours
	m.	m.	m.	m.	m.	m	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	
6h	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—	0·0
7	30	12	24	0	15	7	30	30	0	27	0	0	0	28	0	0	0	0	0	0	0	23	15	23	0	0	12	20	0	14	—	5·2
8	60	23	32	3	60	49	60	60	11	60	26	0	14	60	15	55	0	4	0	0	0	60	60	60	7	25	60	60	0	60	—	16·4
9	60	60	26	21	60	60	60	60	16	60	47	4	21	60	27	60	1	3	0	0	0	52	60	60	7	56	60	60	30	60	-	19·2
10	50	44	60	15	60	60	60	60	24	60	60	29	60	56	54	60	39	18	0	0	0	23	60	60	32	42	60	60	35	57	—	21·6
11	35	45	53	5	60	60	60	60	47	60	60	14	51	55	24	60	10	12	0	0	9	32	32	60	25	10	60	53	41	3	—	18·3
Noon	40	60	38	20	52	60	60	60	60	60	60	30	14	60	20	60	5	27	0	0	0	37	9	60	6	47	60	24	23	2	—	17·7
13h	60	60	60	50	60	60	60	60	60	60	60	50	60	60	5	60	0	35	0	0	9	31	12	29	39	60	60	60	3	21	--	20·7
14	60	60	60	60	60	60	60	60	60	60	60	60	52	16	0	60	0	22	0	0	21	36	47	9	30	60	60	36	3	7	—	19·6
15	60	45	60	60	60	60	60	60	60	60	60	60	60	34	0	60	0	1	0	0	15	33	10	25	30	60	60	29	10	0	—	18·9
16	60	18	60	60	59	59	60	60	60	60	60	60	60	8	0	60	0	0	0	0	2	17	0	53	23	60	60	44	1	0	—	17·7
17	60	8	60	60	56	50	60	60	60	43	20	55	42	0	0	60	0	25	0	0	0	49	0	60	60	60	60	8	20	0	—	17·3
18	33	12	10	24	30	42	35	36	42	0	1	3	12	0	0	3	0	0	0	0	0	14	0	20	30	22	14	0	30	0	—	7·4
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—	0.0

The Total Amount of Registered Sunshine was 200 0 hrs., and the Total Possible Sunshine was 348·2 hrs.

Table X.—Duration of Bright Sunshine at the Royal Alfred Observatory by the Campbell Stokes Sunshine Recorder

APRIL 1950

Day Hour / Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total Hours
	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	
6h	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—	0·0
7	34	5	4	3	20	20	35	0	0	16	0	0	0	30	0	20	0	0	0	0	0	16	35	10	0	25	22	28	0	29	—	5·9
8	60	25	50	15	60	45	60	42	12	60	20	20	16	60	47	60	1	15	0	0	0	60	60	45	28	55	60	60	25	60	—	18·7
9	60	50	60	60	60	60	60	55	45	60	25	40	24	60	60	60	2	30	0	0	0	60	60	60	50	30	60	60	55	60	—	22·7
10	60	50	60	45	60	60	60	60	32	60	60	20	60	42	60	60	6	0	0	0	4	2	60	60	60	32	60	60	36	35	—	21·1
11	48	60	60	60	60	60	60	60	60	60	60	50	36	55	60	60	10	16	0	0	13	32	60	60	60	40	60	60	33	20	—	22.9
Noon	60	60	60	60	50	60	60	60	60	60	60	60	55	50	50	60	7	17	2	0	30	50	45	30	5	55	60	60	50	7	—	22·4
13h	60	60	60	60	60	60	60	60	60	60	60	60	60	26	50	60	1	50	0	0	42	60	60	0	27	60	60	60	20	36	—	23·2
14	60	25	60	60	60	60	60	60	60	60	60	60	3	32	30	60	1	60	0	0	46	60	60	28	40	60	60	60	5	30	—	22·0
15	60	35	60	60	60	60	60	60	60	60	40	60	0	13	2	60	0	25	0	0	60	60	60	60	40	60	60	60	10	10	—	20·9
16	60	10	60	60	60	60	50	60	60	60	40	60	45	15	38	60	0	0	0	0	40	60	60	60	60	60	60	55	17	1	—	21·2
17	60	55	12	60	60	60	60	60	60	58	32	60	28	50	0	60	0	0	0	0	30	60	50	55	60	60	56	0	60	0	—	20·1
18	35	35	0	37	20	40	37	35	25	1	15	15	0	1	0	32	0	0	0	0	0	35	15	30	10	7	29	0	29	0	—	8·0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—	0·0

The Total Amount of Registered Sunshine was 229·1 hrs. and the Total Possible Sunshine was 348·2 hrs.

Table XI.—Direction and Velocity of the Wind at every Hour of the Day as recorded by the Robinson Cup Anemometer during April, 1950

The directions are given in points and the values indicate the direction from which the wind blows counting from North 32, East 8, South 16 and West 24

The Velocities are given in Metres per second, using the factor 2·2

(The days on which the Normal Trade-Winds are interrupted are indicated by an asterisk).*

APRIL 1950

Day	1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16	
Hour	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir	Vel.
Midnight	07	2·6	09	2·3	10	2·5	10	2·9	10	1·4	10	1·5	10	2·2	14	1·5	10	3·4	09	4·5	10	5·3	10	4·7	10	3·2	08	1·8	10	2·1	10	3·5
1h	07	2·8	09	2·2	10	1·7	10	2·4	10	2·9	10	1·9	14	1·6	14	1·8	10	2·5	09	3·4	08	5·5	10	3·3	10	2·6	11	2·6	10	2·1	09	4·2
2	07	2·2	09	2·1	10	2·4	10	3·5	10	1·7	10	3·0	14	1·4	14	1·3	10	2·4	09	3·6	10	4·6	10	3·5	10	4·0	11	2·2	10	2·1	10	2·9
3	07	2·8	09	2·0	10	1·7	11	2·4	09	1·8	10	2·2	12	2·3	14	1·6	10	3·0	09	2·6	10	4·8	11	3·1	10	4·0	12	3·6	09	3·0	08	2·3
4	07	2·9	09	1·6	10	1·9	10	3·4	09	2·1	07	2·1	12	2·4	13	2·2	10	2·5	10	3·2	10	4·2	10	3·8	10	4·2	10	2·2	10	4·0	10	2·9
5	07	2·7	09	1·6	10	2·3	11	3·5	11	3·3	10	2·4	12	6·3	12	2·0	10	2·6	10	4·6	09	4·0	10	4·5	10	4·2	10	2·6	14	3·8	10	2·7
6	07	2·6	10	1·5	10	1·8	10	2·4	10	3·1	10	2·2	12	5·1	10	2·1	10	3·4	10	3·7	10	5·4	10	4·8	09	4·4	10	2·2	14	1·8	10	3·7
7	09	2·9	10	2·0	10	2·2	10	3·4	10	2·1	10	2·1	12	5·0	06	2·1	08	4·1	10	3·0	08	5·7	10	5·2	10	4.9	10	2·0	12	2·9	10	4·1
8	08	4·3	11	2·2	10	3·6	08	5·6	10	4·4	10	3·9	12	5·1	09	4·5	10	5·5	09	4·5	08	7·0	10	5·0	10	5·0	10	2·4	09	2·1	09	4·3
9	08	4·5	10	4·4	08	3·9	09	6·2	10	6·0	10	5·1	14	3·4	10	5·1	10	5·0	08	5·8	08	7·4	10	4·9	10	6·0	10	3·3	09	4·3	08	5·8
10	08	5·6	08	5·0	10	4·1	08	5·3	10	5·1	08	5.9	11	4·4	09	5·8	08	5·4	08	6·0	08	6·3	08	5·0	09	6·0	10	3·7	06	4·2	10	6·1
11	06	5·7	10	5·0	11	4·3	07	5·2	10	6·0	10	4·9	10	4·8	10	5·9	08	7·0	10	7·4	08	7·1	08	6·6	10	6·3	10	3·9	06	4·4	09	5·5
Noon	07	3·3	10	4·4	10	5·1	08	6·1	10	5·5	10	5·3	12	3·2	09	5·5	08	7·2	09	7·1	08	9·3	09	7·2	10	6.8	09	4·2	06	4·9	09	5·8
13h	07	5·7	09	5·0	09	4·9	10	4·8	09	8·7	10	5.9	10	2·4	10	5·2	09	7·7	09	7·2	08	8·5	10	7·7	10	6·1	05	5·7	06	5·1	10	5·3
14	08	4·8	10	5·5	08	5·2	09	5·2	10	4·4	10	3·0	10	2·7	10	5·1	08	7·7	08	6·3	09	9·8	10	7·1	10	4·7	06	4·4	08	4·9	10	4·8
15	07	3·0	08	4·0	08	6·1	09	4·9	08	4·3	10	3·9	10	3·0	10	6·3	09	7·5	10	5·8	09	8·0	09	7·1	09	5·3	08	4·0	09	5·4	10	5·3
16	07	4·9	10	5·0	10	5·6	09	4·5	10	4·4	10	5·5	10	3·4	10	4·2	08	5·5	10	5·9	09	7·1	10	7·4	10	4·3	10	4·1	09	4·7	10	4·6
17	08	5·2	10	4·1	11	4·7	10	3·0	10	4·0	10	2·8	10	2.6	10	3·1	08	8·1	10	6·3	10	6·8	10	6·1	10	3·9	10	3·2	08	4·2	10	4·1
18	08	2·6	10	2·6	10	4·4	10	1·3	10	2·1	10	2·1	11	2·9	10	2·0	08	4·9	09	4·5	09	5·7	09	5·9	10	2·7	08	2·8	11	3·8	11	2·9
19	12	2·0	10	3·1	11	4·6	10	1·5	10	1·5	10	1·2	12	3·7	10	2·9	08	5·2	12	4·2	10	5·3	10	4·1	10	2·7	09	2·3	11	2·8	12	3·2
20	12	2·1	10	3·0	10	4·4	10	2·2	10	2·0	10	1·0	12	1·8	10	2·6	09	6·7	10	4·1	07	4·1	11	3·2	10	1·6	09	2·2	10	3.3	12	3·1
21	12	2·3	08	3·5	10	4·4	10	2·0	10	1·9	10	1·1	12	2·0	10	3·0	08	4·8	10	6·0	10	4·2	10	3·2	10	2·3	10	1·9	10	3·9	11	3·6
22	08	1·8	10	3·7	10	4·8	10	2·2	10	1·8	10	2·0	15	1·6	11	3·9	08	4·2	10	4·5	10	4·7	10	4·2	10	3·6	10	2·5	11	4·1	10	3·1
23	10	2·2	09	3·1	10	3·2	10	1·9	10	1·8	10	1·3	15	2·2	11	4·4	08	5·1	10	5·5	10	3·8	10	2·9	10	2·2	10	2·1	11	3·2	10	3·1

APRIL 1950—*continued*

Day	17		18		19		20		21		22 *		23 *		24		25		26		27		28		29		30		31		Mean
Hour	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Velocity
Midnight	11	3·0	08	4·3	08	4·8	08	5·0	10	3·1	08	2·9	11	1·5	06	1·2	08	2·3	08	2·7	09	2·2	10	1·5	10	1·9	10	2·4	—	—	2·8
1h	10	2·9	10	3·2	07	4·4	08	4·7	11	3·2	08	3·3	11	1·8	06	2·4	07	3·6	10	2·4	06	3·0	10	1·6	10	1·7	10	2·5	—	—	2·8
2	10	3·8	09	3·5	06	4·2	08	4·1	12	2·6	08	1·8	17	1·4	06	2·0	06	2·7	09	2·1	08	2·8	10	1·6	10	1·6	10	2·3	—	—	2·6
3	08	4·0	10	3·3	07	4·2	08	4·4	05	2·0	08	2·0	18	1·1	06	1·4	07	2·4	10	1·8	06	2·7	10	2·0	10	1·9	10	1·8	—	—	2·6
4	09	3·5	09	4·3	06	3·9	08	5·1	10	1·7	08	1·0	18	1·7	06	1·9	07	2·9	10	1·4	07	2·3	11	1·3	10	1·2	11	2·4	—	—	2·7
5	10	4·2	08	3·9	07	2·8	10	3·4	10	1·9	08	1·0	14	1·1	06	2·0	07	2·6	10	1·8	07	2·1	11	1·8	10	1·9	11	2·4	—	—	2·9
6	10	4·8	10	4·3	07	2·9	09	4·4	10	2·6	08	1·3	14	1·7	06	1·9	08	2·9	09	2·2	08	2·5	10	2·1	10	1·6	11	2·3	—	—	2·9
7	10	5·3	10	3·6	07	4·1	12	3·6	08	3·7	08	1·1	14	1·8	06	2·5	07	3·2	12	1·8	08	2·2	10	2·2	10	1·9	11	1·8	—	—	3·1
8	10	5·2	09	4·9	10	5·0	06	3·2	04	3·5	08	1·2	14	1·4	08	2·7	06	3·0	12	1·6	08	2·8	10	3·2	10	3·1	11	3·1	—	—	3.8
9	10	5·4	10	5·3	06	4·6	10	3·1	04	3·0	10	0·7	[c]05	1·5	08	4·1	06	4·0	10	2·8	09	4·3	08	3·8	10	4·1	09	4·1	—	—	4·4
10	11	6·1	10	5·9	08	5·1	08	4·1	05	3·9	[d]18	1·1	02	1·6	06	4·0	05	5·0	10	3·6	08	4·2	08	3·8	08	5·4	12	4·4	—	—	4.7
11	11	6·6	09	7·3	08	6·6	05	4·8	06	4·4	20	1·4	32	2·0	07	4·3	06	5·5	08	4·1	09	4·8	06	3·8	09	4·0	10	4·8	—	—	5·1
Noon	11	5·7	08	6·8	06	4·5	06	4·6	06	3·8	23	3·0	01	2·7	06	4·0	07	4·2	07	4·3	10	5·5	06	3·6	08	4·4	08	4·2	—	—	5·1
13h	10	6·1	09	6·1	06	5·8	04	3·1	06	3·9	22	2·4	31	3·0	06	3·4	08	4·1	07	4·0	10	5·0	06	3·3	06	4·6	08	4·2	—	—	5.2
14	10	7·2	09	5·7	10	5·9	06	5·0	07	4·4	26	2.9	30	2·4	06	3·1	08	5·2	08	4·0	10	4·5	08	3·9	07	4·6	06	4·3	—	—	4·9
15	09	4·7	10	5·3	08	5·9	06	4·5	07	4·0	22	3·1	32	1·9	06	4·1	08	5·7	08	4·2	09	4·6	08	3·9	09	4·1	06	3·6	—	—	4·8
16	07	5·0	09	4·6	08	5·8	06	5·5	09	3·4	22	3·5	28	2·6	07	2·9	08	5·8	10	3.8	09	5·0	08	3·3	09	4·4	08	3·5	—	—	4·7
17	10	4·8	09	5·0	08	5·1	06	5·4	06	3·6	22	2·7	31	2·4	06	2·7	08	4·5	10	3·2	09	3·9	09	3·2	10	3·0	07	2·4	—	—	4·1
18	10	4·8	09	3·3	09	5·0	09	5·3	10	2·2	22	2·4	31	0·9	07	3·1	08	2·8	10	2·6	10	2·1	10	2·4	10	2·4	08	2·8	—	—	3·2
19	09	4·9	09	3·1	08	5·3	08	2·8	10	2·1	22	0·9	31	1·2	07	2·1	08	2·0	10	2·1	10	2·8	10	2·4	10	1·9	06	3·0	—	—	2·9
20	09	5·4	10	3·5	08	5·9	08	4·3	10	2·9	22	0·9	31	1·5	07	2·2	09	2·2	10	2·1	10	2·0	10	2·6	10	2·8	07	2·5	—	—	2·9
21	10	5·0	09	4·2	08	5·6	09	4·2	08	1·2	16	1·3	31	1·5	07	2·9	09	1·4	10	2·7	10	1·9	10	2·8	10	2·6	08	1·8	—	—	3·0
22	09	5·0	08	4·8	08	5·6	10	4·6	08	1·6	16	1·4	06	1·2	08	2·3	09	1·4	09	3·9	10	2·3	10	2·0	10	3·1	08	1·6		—	3·1
23	08	4·7	08	4·4	08	5·0	10	4·2	08	2·2	16	1·8	06	1·1	08	3·0	09	0·7	09	4·2	10	1·7	10	2·6	10	2·7	08	2·6	—	—	3·0

Table XII.—Wind Frequency (Number of Observations), April, 1950

Hour	Force (0—12)			Directions																
	8 or above	4 to 7	0 to 3	N.	N.N.E.	N.E.	E.N.E.	E.	E.S.E.	S.E.	S.S.E.	S.	S.S.W.	S.W.	W.S.W.	W.	W.N.W.	N.W.	N.N.W.
3	...	...	30	...	...	1	2	10	11	4	1	...	1	...	...	...	...	...	...
9	...	6	24	...	...	2	2	11	14	...	1	...	...	...	...	...	...	...	...
15	...	8	22	1	...	...	3	19	6	...	...	..	...	...	1	...	...	...	...
21	...	2	28	1	...	..		9	16	3		1	...	...	...	...	...	...	...
Total ...	...	...	...	2	...	3	7	49	47	7	2	1	1	...	1	...	...	...	...

Table XIII.—Rainfall at every Hour of the Day at the Royal Alfred Observatory, April, 1950

Day / Hour ending	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1h	...	...	0·1	...	...	...	...	...	...	...	0·2	...	...	...	...	...	...	...	0·2	...	0·7	...	...	...	1·0	0·3	1·0	...	...	...	...
2	...	1·8	3·2	...	0·3	...	...	...		...	0·6	..	...	...	...	...	4·4	...	0·5	...	1·2	...	...	...	...	0·2	0·9	...	...	...	...
3	...	...	...	...	0·1	...	..	...	0·3	0·2		0·3	...	...	0·7	...	0·2	...	0·6	...	6·3	...	...	...	0·3	...	...	...	...	...	...
4	...	...	...	0·2	2·5	...	...	...	...	...	0·2	0·2	...	...	0·8	...	0·2	0·3	0·6	0·6	...	...	.	...	...	...	...	...	...	...	...
5	...	...	...	0·3	...	...	...	...	...	...	0·1	...	.	...	17·6	...	0·2	...	0·9	0·4	...	...	...	...	...		...	...	...	...	...
6	...	...	...	0·1	0·1	..	...	...	0·1	1·0	1.3	1·6	0·2	...	0·1	...	0·6	...	1·0	2·0	1·2	...	...	...	...	0·1	...	...	...	...	...
7	...	...	0·1	...	...	...	...	...	0·3	...	0·5	0·6	0·6	...	...	...	1·8	...	0·1	5·8	0·2	...	...	...	0·1	..	...	...	...	...	...
8	...	0·1	...	...	...	...	...	...	...	...	...	1·5	0·4	...	...	...	1·4	...	0·2	2·3	...	...	...	...	0·7	...	..	...	...	...	...
9	..	..	...	...	...	...	...	...		...	0·6	0·6	...	...	...	...	...	...	0·3	...	1·3	...	...	...	0·5	...	..	...	...	...	...
10	...	0·6	...	...	...	...	...	...	0·2	...	...	...	...	...	...	...	0·3	...	3·8	1·3	...	...	...	...	...	...	...	...	...	...	...
11	0·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5·4	...	0·4	2·1	...	...	...	...	...	...	...	...	...	...	...
Noon	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	1·5	...	9·8	3·1	...	...	...	...	..	...	...	...	...	0·2	...
13h	...	...	...	...	...	...	...	...	.	...	...	...	...	...	...	...	0·2	...	5·1	1·5	...	...	...	...	0·2	...	...	...	...	...	...
14	...	...	...	...	...	...	..	...	...	...	..	...	...	...	...	...	1·9	...	0·6	3·8	..	...	...	0·4	...	...	..	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	0·8	2·3	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·4	...	1·2	1·3	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·3	...	..	0·6	...	...	..	...	...	...	...	...	..	0·1	...
18	...	...	...	...	...	...	...	...	...	0·4	...	...	...	...	4·0	...	...	...	...	0·1	...	...	...	...	...	...	...	...	...	0·1	...
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	...	0·2	...	...	...	...	...	...	...	...	...	..	...	...	0·8	...
20	...	...	.	..	...	...	...	...	..	...		...	...	...	0·2	...	0·2	...	...	0·3	0·1	...	...	..	...	...	...	...	...	0·3	...
21	..	...	...	...	..	...	...	...	...	1·3	1·1	...	...	...	...	...	...	...	...	0·8	0·4	...	...	...	...	...	...	...	...	0·5	...
22	0·6		...	...	...	...	.	...	...	1·7	...	...	...	...	...	...	...	0·2	...	...	0·3	...	...	...	...	.	...	...	...	...	...
23	...	.	...		...	...	...	...	...	.	0·2	...	...	...	0·8	...	...	3·0	...	0·4	0·5	...	...	...	...	0·1	..	...	...	..	...
24	...	0·1	...	...	...	...	...	...	...	1·4	...	...	...	...	...	...	...	2·2	...	1·0	...	...	...	...	...	0·2	...	...	...	0·1	...

Table XIV.—Rainfall at every Hour of the Day at the Aerological Station, Vacoas, for April, 1950

Day / Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1	...	...	1·0	...	0·3	...	...	...	0·9	...	4·6	0·4	...	3·0	0·6	0·7	0·3	...	0·4	...	0·2	0·2	...	...	0·7	...	...	...	...	...	...
2	...	...	0·3	0·2	...	...	...	...	4·1	...	1·5	2·8	...	0·3	3·4	...	0·3	...	0·4	...	...	0·2	...	...	0·8	0·1	...	...	...	...	...
3	...	...	...	0·3	...	...	...	...	0·8	1·0	1·0	0·1	...	...	...	...	1·8	...	17·8	...	...	...	...	...	...	0·6	0·1	..	...	...	...
4	...	...	...	0·4	0·2	...	...	...	0·3	1·7	0·2	0·7	...	...	4·5	...	1·9	...	2·0	...	...	...	...	..	0·1	...	...	0·4	...	...	...
5		0.1	0·8	0·2	0·9	...	...	...	1·0	...	2·2	3.2	...	...	6·8	...	3·2	...	0·3	0·6	...	...	...	...	...	...	...	...	...	...	...
6	...	..	.	0·3	...	...	...	...	1·0	...	0·7	0·7	...	...	5·4	...	1·2	...	0·1	0·4	0·1	...	...	...	0·3	...	...	...	...	...	...
7	0·2	1·3	...	0·2	...	...	...	...	1·3	...	3·2	1·4	0·4	...	6·4	...	1·3	...	1·7	1·2	0·5	...	...	...	0·1	...	...	...	0·3	...	...
8	...	...	0·2	0·5	...	...	..	..	5·3	...	0·2	4·6	0·6	...	...	...	1·7	...	1·6	3·9	0·8	...	...	...	0·1	...	...	...	1·9	...	...
9	..	...	...	...	...	...	...	...	1·2	...	...	3·0	...	...	...	...	2·1	..	...	1·4	0·7	...	...	...	...	...	...	...	...	...	...
10	...	...	...	0·3	...	...	2·9	...	...	...	...	...	...	...	...	...	...	...	14·0	0·6	0·8	...	...	...	...	...	...	...	...	...	...
11	0·1	...		...	...	...	...	...	0·1	...	...	1·7	...	...	...	...	0.4	...	16·5	0·8	...	...	...	...	0·3	...	...	...	...	...	...
Noon	0·2	...	0·3	...	...	...	...	...	...	...	...	0·9	...	...	...	...	0·3	...	28·0	1·5	...	...	...	...	0·8	...	...	...	0·3	...	...
13h	...	...	...	...	...	...	...	...	...	...	...	0·2	...	...	...	...	.	...	12·6	2·4	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	16·0	...	...	...	3·8	2·8	...	...	...	0·2	0·2	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12·8	...	...	...	0·7	2·8	...	...	...	...	...	...	...	..	...	0·2	...
16	...	...	..	...	...	...	...	...	...	...	...	...	...	...	2·0	...	0·2	...	0·4	0·9	...	...	12·9	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·4	0·1	0·6	...	0·2	0·9	...	...	...	...	...	...	...	...	...	...	..
18	...	...	...	...	...	...	...	...	...	0·5	1·0	...	...	...	3·1	0·2	0·8	...	...	0·6	1·4	...	...	...	...	...	...	...	...	...	...
19	..	...	...	...	...	...	...	...	...	1·0	2·0	...	...	...	1·2	...	1·9	...	...	...	1·9	...	1·6	...	...	0·1	...	...	...	0·9	...
20	...	0·5	...	...	...	...	...	...	..	0·6	1·5	...	...	...	2·2	...	0·6	0·3	..	...	...	...	2·3	...	...	1·7	...	...	...	0·6	...
21	...	...	...	...	...	...	...	0·3	...	0·7	1·2	...	...	...	0·6	...	0·6	...	...	..	...	...	...	...	...	...	...	...	...	0·3	...
22	...	0·7	0·4	..	...	...	...	...	...	3·0	2·2	...	...	...	2·6	...	0·2	0·9	...	...	...	...	...	...	...	...	..	...	...	...	...
23	...	1·0	0·4	...	...	..	...	1·5	...	0·7	1·8	...	0·5	...	3·0	..	0·5	2·9	...	...	...	...	...	...	0·4	0·1	...	...	..	...	...
24	...	2·9	0·3	...	...	...	...	0·7	...	1·6	0·4	...	...	...	...	0·3	0·7	2·8	...	0·1	...	...	...	0·2	...	...	...	...	...	0·4	...

Table XV.—Total Monthly Rainfall at Various Stations in Mauritius according to Districts, April, 1950

Districts	Stations	Approximate Altitude in feet.	Total fall in inches.	Total fall in mms.	Normal in inches.	Number of days
B. River	Albion Ltd. Bambous ...	—	3·27	83·0	—	13
	Anna Ltd., Bambous ..	—	2·01	51·1	—	6
	Beau Songe	—	—	—	—	—
	Case Noyale	—	—	—	—	—
	Clarens	—	2.55	64·8	—	11
	Govt. School, Bambous ..	—	5 68	144 2	—	7
	Grande Rivière Noire ..	—	—	—	—	—
	La Ferme	—	4·98	126·5	4·75	13
	La Mecque	—	2·83	71·9	—	11
	Médine	—	3·55	90·2	—	12
	Mon Desir, Tamarin ...	—	2·85	72·4	—	6
	Palma .. .	—	—	-	—	—
	Palmyre	—	3·90	99·1	—	10
	Petit Verger	—	—	—	—	—
	Pierre Fonds	—	5·82	147·8	6·08	15
	Richelieu	—	3·55	90·1	—	17
	Tamarin	-	4·70	119·4	—	10
Port Louis	Abercrombie Nursery ...	—	11·36	288·5	—	23
	Line Barracks	—	19·12	485·5	—	23
Pamplemousses	Beau Plan	—	6·48	161·6	—	16
	Belle Vue (Harel) ...	—	9·09	230·9	—	19
	Belle Vue (Maurel) ..	—	8 48	215·4	—	18
	Bois Rouge (de St. Romain)	—	—	—	—	—
	Botanical Gardens ...	325	6.58	167·1	6·18	23
	California	—	16·35	415·3	—	19
	Couroupa	—	—	—	—	—
	Fond du Sac (Ramlagan) ...	—	—	—	—	—
	Govt. School, Pl. des Papayes	—	15·57	395·4	—	15
	La Nicolière	—	13·93	353·8	12·79	27
	Montagne Longue ...	—	—	—	—	—
	Mapou	—	—	-	—	—
	Massilia and Balaklava ...	—	—	—	—	—
	Mon Choisy, Grand Bay ...	—	10·45	265·4	—	20
	Mon Mascal, Grand Bay ...	—	8·13	206·5	—	10
	Mont Piton	680	10·27	260·9	7·87	19
	Mon Songe (Mapou) ...	620	12·20	309·9	7·72	23
	Rouge Terre, Fond du Sac ...	—	8·70	221·0	—	12
	Solitude	175	5·87	149·1	4·11	12
	Sottise, Mapou	—	10·05	255.3	—	18
	Terre Rouge	-	-	—	—	—
	The Observatory ...	179	6·06	153·9	5·12	21
	Le Souvenir	—	8·55	217·2	—	16
	Maison Blanche ..	—	8·20	2·8·3	—	12
	Notre Dame (La Nouvelle Industrie Ltée)	—	7·20	182·9	—	16
	Pamplemousses Experiment Station	—	7·67	194·8	—	20
Rivière du Rempart	Antoinette	640	13·71	348·2	7.40	19
	Beau Bois, B. Verdiere ...	—	14 17	359·9	—	26
	Beau Séjour	300	7·28	184·9	7·84	20
	Bel Etang	—	—	—	—	—
	Bel Mont	50	5·46	138·7	6·01	15
	Esperance (Harel) ...	—	—	—	—	—
	Esperance (Souchon) ..	—	9·25	235·0	—	24
	Forbach	—	7·98	202·7	5·20	18
	Govt. School Grand Bay ...	—	8·72	221·5	—	15
	Haute Rive	—	—	-	—	—
	Ile d'Ambre	—	6·60	167·6	—	10
	Labourdonnais ...	290	7·25	184·0	6.21	17
	L'Amitié	—	—	—	—	—
	Mare Sèche, Grand Bay ...	20	—	—	—	—
	Mon Choix	700	8·32	211·3	6 74	18
	Mon Loisir (Lagesse) ...	—	8·43	214·1	6·79	19
	Mon Loisir (Rouillard ...	—	—	—	—	—
	Mon Tracas (Audibert ...	—	—	—	—	—
	Petit Raffray, Mapou ...	—	—	—	—	—
	Poudre d'Or	20	6·41	162·8	5.88	15
	Ravensworth	—	12·32	312·9	—	18
	Schoenfield	—	—	—	—	—
	St. Antoine	50	6·20	159·8	5·47	19
Flacq	Australia, Pont Praslin ..	—	11·81	300·0	—	19
	Beau Bois, St. Julien ...	—	13·55	344·2	—	21
	Beau Champ, G.R.S.E. ...	20	6·53	165·8	7·53	27
	Bel Etang	—	12·27	311·7	—	29
	Belle Mare, Argy ...	—	—	—	—	—
	Belle Rive	400	13·26	336·8	14·19	25
	Belle Vue (Allendy) ..	—	9·47	240·5	9·30	18
	Bois Clair	—	—	—	—	—
	Brisée Verdière ..	—	—	—	—	—
	Camp de Masque ...	—	—	—	—	—
	Caroline, Bel Air ..	—	—	—	—	—
	Castel Estate, Bel Air ...	—	—	—	—	—
	Clemencia	—	—	—	—	—
	Constance La Gaieté ...	100	8·10	205·7	7·69	20
	Deep River	—	8·97	227·8	—	23
	Etoile	—	14·07	357·4	—	27
	Govt. School Central Flacq	—	4·74	120·3	—	20
	Govt. School, G.R.S.E. ...	—	4·81	122·1	—	20
	Grande Retraite ...	—	10·50	266.7	—	10
	Grosse Roche	—	—	—	-	—
	La Lucie, Bel Air ...	—	—	—	—	—
	Melrose, Montagne Blanche	—	—	—	—	—
	Olivia	400	7·10	180·3	10·26	22
	Palmar	—	7·52	188·1	—	22
	Petite Etoile, Bel Air ...	—	—	—	—	—
	Petite Victoria ...	—	—	—	—	—
	Queen Victoria ...	—	10·49	266·4	—	18
	Rich Fund, St. Julien ...	—	12·50	317·5	—	22
	Terres Franches ...		10·30	261·6	—	24
	Terres Rocheuses ...	—	10·81	274·6	—	16
	Riviere Seche	—	6·15	156·2	—	15
	Ruisseau Rose	—	—	—	—	—
	Sans Souci	900	17·34	440·4	15·21	27
	Sebastopol	—	—	—	—	—
	Trois Ilots	—	8·99	228·3	—	24
	Union Regnard S.E. ..	600	12·87	326·9	8·77	24
	Unite	—	—	—	—	—
	Beau Rivage Estate ...	—	4·15	113·0	—	20
	Bon Accueil	—	13·55	344·2	—	21
G. Port	Anse Jonchée	—	6 08	154·4	—	20
	Astroea, Cluny ...	—	20 91	531·1	—	29
	Beau Lieu, Union Park ...	—	—	—	—	—
	Beau Vallon (La Cour) ..	—	7·64	191·1	—	16
	,, (Partie Haute) ...	—	7·36	186·9	—	17
	Deux Bras	—	20·78	527·8	—	23
	Eau Bleue, Cluny	—	—	—	—	—
	Ferney	20	11·35	288·3	9·90	25
	Grand Bois, Rose Belle ...	—	—	—	—	—
	Gungah Frères, New Grove	—	—	—	—	—
	Khoyratty, Escalier ...	—	—	—	—	—
	La Vallée, Cluny ..	—	—	—	—	—
	Le Vallon	—	—	—	—	—
	Mare d'Albert	—	—	—	—	—
	Mon Désert Carié ...	75	5 93	150·6	6·77	17
	Mon Trésor	—	10.21	259·3	—	15
	New Grove	650	29·11	739·4	15·12	23
	Plaisance Airfield ...	100	8·36	212·4	—	26
	Riche-en Eau	—	13·68	347·5	—	25
	Rose Belle	850	22·43	569·7	15·40	30
	Sauve Terre	—	6·34	161·0	—	12
	Savinia	—	8·36	212·3	—	13
	Ste. Hélène	—	8·44	214·4	—	17
	St. Hubert, Cluny ...	—	23·70	602·0	—	22
	Ste. Madeleine, Cluny ...	—	—	—	—	—
	Union Park	—	—	—	—	—
	Union Vale	—	8.83	224·3	—	19
	La Baraque	—	10 04	255·0	—	19
Savanne	Baie du Cap	—	—	—	—	—
	Beau Bois	—	14·17	359·9	—	26
	Beau Champ, B. du Cap ...	70	8·85	224·8	—	12
	Beau Climat	—	20·20	513·1	—	26

Table XV contd.—Total Monthly Rainfall at Various Stations in Mauritius according to Districts, April, 1950

Districts	Stations	Approximate altitude in feet	Total fall in inches	Total fall in mms.	Normal in inches	Number of days
Savanne	Bel Air, Montocchio ...	—	—	—	—	—
	Bel Air (St. Félix) ...	—	13·84	351·5	—	10
	Bel Air, Chemin Grenier ...	—	—	—	—	—
	Bel Ombre	40	9·00	228·6	—	12
	Bénarès	—	8·84	224·5	--	26
	Bois Chéri Tea Factory ...	—	21·11	536·2	—	29
	Britannia	700	15·85	402·6	11·61	24
	Camp Diable	—	—	—	—	—
	Cascades	—	—	—	—	—
	Chamouny, Chemin Grenier	—	—	—	—	—
	Choisy, Baie du Cap ...	200	—	—	6·62	—
	Colmar	400	15·07	382·8	10·42	25
	Combo	—	14·16	359·7	—	23
	Fontenelle	320	10·03	254·8	9·29	21
	Frederica	—	9·74	247·4	—	12
	Joli Bois; Rivere Dragon ...	—	—	—	—	—
	La Flora	1,050	18·61	472·7	16·57	26
	Luchon	—	—	—	—	—
	Martiniere, Souillac ...	—	—	—	—	—
	Plaines Longanes ...	—	—	—	—	—
	Riche Bois	650	11·41	289·8	12·15	26
	Ruxa, R. des Anguilles ...	—	13·84	351·5	—	10
	Savannah	200	8·35	212·1	8·19	21
	St. Aubin	300	11·21	284·7	9·00	23
	St. Avold	900	15·21	386·3	12·84	26
	St. Félix	—	8·93	226·8	—	16
	Ste. Marie	—	9·74	247·4	—	12
	Terracine	—	8·87	225·3	—	25
	Tivoli	1,300	15·83	402·1	15·08	27
	Union S.E.	—	9.94	252·5	8·55	20
	R. des Anguilles Estate ...	—	10·13	257·3	—	24
Plaines Wilhems	Aerological Station, Vacoas	1,393	13·89	352·9	10·30	29
	Bagatelle	1,250	11·72	297·7	7·33	21
	Barkly, Beau Bassin ...	—	—	—	—	—
	Bassin, Quatre Bornes ..	—	6·32	160·6	7·30	22
	Belle Vue (Martin) ..	—	3·21	81·5	—	8
	Chebel	—	3·96	100·6	—	12
	Clermont, Petite Rivière	—	—	—	—	—
	Curepipe Gardens ..	1,840	21·36	542·4	11·76	26
	Ebène	—	9·52	241·8	—	19
	Floréal	—	—	—	—	—
	Gros Cailloux, Pte. Rivière	—	4·34	110·2	—	9
	Henrietta	—	9·49	241·0	—	26
	Highlands	1,000	17·34	440·4	8·64	24
	Crown Land Wootton ...	—	17·71	449·9	—	29
	La Marie Filter Beds ...	1,700	17·95	455·9	9·62	26
	Les Rosieres, Pte. Riviere	—	3·56	90·4	—	9
	Malgré Tout, Pte. Riviere	—	4·40	111·8	—	7
Plaines Wilhems	Moon	—	6·94	176·3	—	23
	Mare-aux-Vacoas (Arn.) ..	1,830	19·10	485·1	14·93	28
	Mare-aux-Vacoas (G.End)	1,850	19·84	503·9	16·19	29
	Midlands Dam ..	—	21·32	541·5	—	28
	Nouvelle France .	—	—	—	—	—
	Parc-aux-Cerfs (Tea Plantations)	—	18·83	478·3	—	29
	Pétrin	—	17·86	453·6	—	24
	Phœnix	—	13·52	343·4	7·85	15
	Quatre Bornes... ..	1,090	7·11	180·6	—	16
	Réunion	1,420	14·24	361·7	—	25
	Roches Brunes, B. Bassin	—	—	—	—	—
	Curepipe, Royal College ...	—	—	—	—	—
	Tamarin-Falls	—	9·96	380·0	—	23
	Trianon	950	10·63	270·0	5·70	17
	Mare Longue	—	14·31	363·5	—	28
Moka	Alma	1,460	20·59	523·0	12·95	26
	Bega	—	6·30	160·0	—	17
	Beau Bois (Moka) ...	—	—	—	—	—
	Bonne Veine	400	19·08	484·6	15·09	21
	Cote d'Or	—	13·95	354·3	—	15
	Helvetia	—	—	—	—	—
	Hermitage	1,450	15·38	390·7	13·25	20
	Le Reduit	1,000	10·46	265·7	4·85	26
	Minissy	1,150	9·38	238·3	7·55	20
	Mont Desert	—	14·19	360·4	—	21
	Mont Ida, Q. Militaire ..	—	—	—	—	—
	Mont Pevril	—	11·83	300·5	—	20
	Mon Rêve	—	9·43	239·5	—	20
	Réduit Ltd., Moka ..	—	—	—	—	—
	Ripailles; St. Pierre ...	—	—	—	—	—
	Piton du Milieu Reservoir ..	—	22·22	564·4	—	30
	Flat Island	—	6·72	170·7	—	10
Rodrigues	Oyster Bay	—	11·24	285·3	—	16
	Point Venus	—	11·00	279·5	—	17
	Solitude	—	11·54	293·0	—	13
Chagos-Archipelago	Diégo-Garcia, Met. Station	—	14·15	359·4	--	20
	Peros Banhos	—	15·09	383·3	—	9
	Salomon Islands (Boddam)	—	20·27	260·9	—	12
Cargados Caragos	St. Brandon	—	4·60	116·7	—	25
Agalega	Met. Station	—	6·34	161·1	—	19

Table XVI.—Observations of Pilot Balloons, month of April, 1950

Date	Time	1,000 feet		3,000 feet		5,000 feet		7,000 feet		10,000 feet		13,000 feet		15,000 feet		17,000 feet		20,000 feet		25,000 feet		30,000 feet	
		Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.
1	08·35	10	18	09	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	08·34	12	16	11	20	10	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	08·41	09	10	09	16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	08·44	11	28	10	23	11	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	08·35	12	16	12	19	11	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	08·27	12	18	10	16	11	15	11	21	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	08·50	13	12	12	11	08	09	13	14	14	22	16	20	16	09	17	19	...	...	...	...	...	...
8	08·35	11	20	12	14	12	07	12	16	14	16	...	...	...	...	...	...	...	...	...	...	...	...
9	08·23	10	29	09	31	08	26	09	19	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	08·17	11	22	10	25	10	30	09	26	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	09·00	11	39	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	08·34	12	26	10	21	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...
13	08·12	12	25	11	25	11	16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	08·44	11	16	12	16	19	07	10	04	12	02	31	07	28	09	22	21	...	...	...	...	...	...
15	08·38	09	17	08	22	08	20	06	04	34	04	02	06	04	10	...	...	...	...	...	...	...	...
16	08·44	11	21	11	25	11	18	11	26	11	18	...	...	...	...	...	...	...	...	...	...	...	...
17	09·18	11	22	11	26	...	...	...		...	...		...	...	...	...	...	...	...	...	...	...	...
18	08·27	11	20	10	19				...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	09·25	09	19	...	...	...	...	...		...	...		...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	08·47	05	18	07	19	07	24	...	...	...			...	...	...	...	...	...	...	...	...	...	...
22	08·35	09	04	10	03	14	03		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	08·43	05	04	35	03	33	04	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	08·40	10	07	07	12	04	08	03	13	33	05	...	...	...	...	...	...	...	...	...	...	...	...
25	09·05	07	24	09	22	11	21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	08·29	10	17	09	17	09	19	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...
27	08·43	11	18	11	19	16	03	24	09	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	08·22	11	16	10	04	07	02	13	05	14	04	...	...	...	...	...		...	...	...	...	...	...
29	08·50	10	14	09	16	05	10	06	07	09	13	...	...	...	...	...	...	...	...	...	...	...	...
30	08·35	12	15	11	16	08	07	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

COLONY OF MAURITIUS

Royal Alfred Observatory, Mauritius

(LATITUDE 20° 5′ 39″ S.—LONGITUDE 3h 50m 12s·6 E.)

RESULTS

OF

Magnetical and Meteorological Observations

FOR THE MONTH OF

MAY, 1950

N. R. McCURDY, B.Sc.
Director.

Published by Authority of His Excellency the Governor

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JUL 23 1954
WEATHER BUREAU

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Table I—Results of Magnetical Observations made during the month of May, 1950

Month and Day	Mean: Declination (West)	Mean: Horizontal Force (C.G.S. Units)	Mean: Vertical Force (C.G.S. Units)	Daily Range: Declination	Daily Range: Horizontal Force (Unit 1 γ)	Daily Range: Vertical Force (Unit 1 γ)
MAY				′		
1	—	·22315	·30369	—	74	33
2	15°38·4	316	367	5·2	84	27
3	38·8	290	375	6·2	44	23
4	38·3	308	369	5·2	58	26
5	39·1	308	368	6·0	60	28
6	38·4	320	370	5·2	56	23
7	38·5	324	369	6·4	41	20
8	39·2	334	368	6·8	28	33
9	38·7	334	366	5·6	40	30
10	38·7	337	365	5·0	60	23
11	38·5	331	369	7·0	73	25
12	39·0	335	369	7·6	35	30
13	39·0	327	365	7·0	45	48
14	39·5	333	368	6·8	58	35
15	38·6	336	374	3·8	58	29
16	39·6	321	379	3·4	41	27
17	39·0	338	378	5·0	44	39
18	38·1	345	378	6·6	31	30
19	38·8	346	373	8·6	37	42
20	39·4	361	376	5·0	24	31
21	39·0	362	373	5·2	61	42
22	38·6	369	372	7·8	79	42
23	—	339	374	—	32	53
24	—	—	—	—	—	—
25	—	—	—	—	—	—
26	38·4	356	376	6·2	60	34
27	38·7	348	385	5·2	61	31
28	38·6	309	404	8·8	80	28
29	39·4	348	404	4·8	68	48
30	39·1	355	407	4·6	32	39
31	38·9	361	400	4·8	36	39
Mean	15°38′·83	·22335	·30370	5′·92	51·4	33·0

Magnetic Disturbances—May, 1950

2d. Slightly disturbed.
3d. Moderately disturbed.
5d. Slightly disturbed.
10d. Slightly disturbed.
11d. Moderately disturbed.
14d. Moderately disturbed.
15d. Moderately disturbed
21d. Slightly disturbed.
22d. Moderately disturbed.
23d. Moderately disturbed.
25d. Slightly disturbed.
27d: Moderately disturbed.
28d. Moderately disturbed.
29d. Moderately disturbed.

T=·37704: Mean Dip=53°40′·42: X=·21507: Y=−·060240: Z=·30376

Table II.—Results of the Absolute Determinations of the Magnetic Elements made during the month of May, 1950

Declination (West)		Horizontal Force		Dip (South)		Resulting Vertical Force
Day and Hour	Observed Value	Day and Hour	Observed Value	Day and Hour	Observed Value	
d h m	° ′	d h m		d h m	° ′	
5 9 27	15 40·25	2 10 15	·22340	5 9 37	53 40·87	·30377
12 10 15	15 40·87	5 9 05	·22334	12 10 05	53 39·75	·30373
19 10 35	15 42·25	12 10 40	·22352	19 10 45	53 40·25	·30379
26 11 10	15 40·13	19 10 10	·22350	26 11 02	53 40·63	·30380
		26 11 30	·22386			
		30 10 20	·22367			

Table III.—Magnetic Declination West at every Hour of the Day as deduced from the Photographic Records

MAY 1950

15° +

Day / Hour	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day / Hour
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	
Midnight	—	38·0	40·0	39·7	40·0	38·9	39·2	39·0	38·9	38·2	38·8	39·4	39·8	39·2	39·8	39·8	Midnight
1h	—	38·2	40·4	37·4	40·2	38·0	39·0	39·2	39·0	38·0	39·0	39·5	38·6	39·0	39·6	40·2	1h
2	—	38·8	40·6	38·0	40·0	38·4	39·2	39·0	39·2	37·8	38·4	40.0	38·4	39·8	39·2	40·0	2
3	—	39·6	41·0	39·0	40·4	37·9	39·4	38·6	38·8	38·0	38·0	40·0	39·4	39·7	38·4	39·6	3
4	—	40·0	40·8	38·6	40·0	37·8	38·0	38·8	39·0	38·3	38·6	39·8	40·0	39·4	38·2	39·4	4
5	—	39·8	41·2	39·2	39·6	37·6	37·0	39·6	38·0	38·4	39·0	39·6	39·8	39·2	38·4	39·8	5
6	—	39·4	38·4	38·0	39·5	37·0	37·6	39·9	37·0	37·6	39·2	39·0	39·6	39·8	38·5	40·0	6
7	—	39·2	35·0	38·6	39·3	37·4	38·2	40·0	38·0	36·0	39·4	38·4	38·4	40·0	38·0	39·0	7
8	—	39·8	34·4	38·6	39·0	39·6	40·4	40·2	40·0	38·0	40·0	38·6	39·0	40·2	37·0	38·4	8
9	—	40·4	37·0	40·0	40·0	40·6	41·8	41·2	40·8	39·6	41·0	40·0	41·2	41·6	36·4	39·2	9
10	—	40·8	38·4	40·8	42·0	41·2	42·0	42·8	42·0	40·4	42·0	41·6	42·0	42·4	38·0	40·8	10
11	—	39·0	37·6	40·0	40·0	40·0	40·0	42·0	40·6	41·0	40·0	42·0	40·6	43·2	40·2	41·4	11
Noon	36·0	38·4	37·0	38·0	38·6	38·7	38·0	40·2	39·2	40·2	38.0	40·8	40·0	41·4	40·0	40·4	Noon
13h	35·0	37·6	37·6	36·4	38·0	36·0	36·4	38·4	38·0	40·0	37·6	40·0	39·6	40·6	38·4	40·0	13h
14	35·4	36.4	38·0	35·6	36·0	36·8	36·0	37·3	37·6	38·2	36·8	38·0	36·4	39·4	37·6	39·4	14
15	34·4	36·0	38·0	35·8	37·0	36·4	35·6	36·0	36·4	37·0	35·4	36·2	35·0	37·6	36·4	39·0	15
16	35·6	35·6	38·4	36·8	37·2	36·2	36·4	36·4	36·4	36·4	35·0	35·6	36·0	36.4	37·0	38·0	16
17	36·8	36·4	39·6	37·6	38·0	37·0	38·0	37·6	37·4	38·0	36·0	34·4	37·6	37·4	37·6	38·2	17
18	37·6	37·4	39·8	38·4	38·2	38·2	38·6	38·8	38·6	39·4	37·6	36·0	38·2	38·6	38·2	39·6	18
19	38·0	37·6	39·4	38·6	39·0	38·4	38·4	39·2	38·8	39·6	37·8	38·4	38·8	38·4	39·6	40·0	19
20	38·2	38·0	39·0	38·4	38·6	39·6	38·6	39·5	39·6	39·8	38·6	39·2	39.6	38·2	39·8	40·0	20
21	38·0	37·4	39·4	38·6	38·8	39·7	39·0	39·2	39·0	39·8	39·6	39·4	39·8	38·6	40·0	40·1	21
22	38·0	38·6	39·6	38·8	39·0	39·8	39·0	39·0	38·4	39·7	39·0	39·6	39·6	39·2	39·8	39·2	22
23	37·8	39·4	39·5	39·0	39·0	39·8	38·8	38·8	38·6	39·4	38·8	39·4	39·0	39·4	39·9	39·3	23

MAY 1950—*continued*

15° +

Day / Hour	17d	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean.	Day / Hour
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	
Midnight	39·9	39·6	38·2	39·0	39·8	39·0	—	—	—	40·0	39·4	40·7	39·0	40·0	40·0	39·4	Midnight
1h	39·8	39·0	38·4	39·4	39·9	38·4	—	—	—	39·8	39·4	40·8	40·2	39·8	39·7	39·3	1
2	40·0	38·0	38·4	40·0	40·0	38·0	—	—	—	39·6	39·6	38·0	40·0	39·6	39·6	39·2	2
3	39·2	37·6	38·2	40·0	39·8	38·0	—	—	—	39·4	39·2	40·6	40·0	40·4	39·2	39·2	3
4	38·4	37·4	38·8	39·9	39·4	37·6	—	—	—	40·0	39·0	40·7	38·8	40·0	39·4	39·1	4
5	38·6	37·2	38·6	39·8	38·6	37·4	—	—	—	39·0	37·6	40·4	39·0	39·8	39·6	39·0	5
6	38·8	37·6	39·6	40·0	38·0	37·6	—	—	—	38·0	37·4	36·0	38·0	38·0	39·4	38·5	6
7	39·6	38·0	40·0	39·8	37.4	38·0	—	—	—	37·4	36·0	32·0	36·0	37·4	38·2	37·9	7
8	40·0	39·6	40·2	40·0	38·6	39·6	—	—	—	38·0	37·6	32·4	38·0	36·4	39·6	38·6	8
9	40·4	41·0	41·8	41·0	40·4	40·8	—	—	—	39·6	39·8	34·0	40·2	39·8	40·8	40·0	9
10	41·2	41·4	43·0	42·0	41·2	42·0	—	39·6	—	40·0	40·8	36·0	40·6	40·6	41·2	41·0	10
11	41·0	40·4	41·6	41·6	40·4	41·0	—	39·4	43·2	40·2	40·2	36·4	40·8	40·4	40·0	40·4	11
Noon	40·4	38·4	40·2	40·0	39·8	40·0	—	38·4	43·4	38·0	39·0	38·0	40·0	40·0	39·8	39·3	Noon
13h	39·6	36·2	37·6	39·6	38·4	39·0	—	38·0	40·8	36·0	38·0	38·2	39·6	39·8	38·0	38·3	13h
14	37·0	35·0	34·4	38·0	37·4	36.4	—	37·0	40·0	34·0	37·0	38·4	39·2	36·0	36·4	37·0	14
15	36·2	34·8	34·2	37·8	36·0	35·0	—	37·2	37·0	34·4	35·6	39·0	38·4	36·4	36·8	36·4	15
16	36·4	35·4	35·6	37·0	36·0	34·2	—	38·0	36·6	36·0	36·4	40·2	37·6	37·0	37·4	36·6	16
17	38·0	37·0	37·8	37·4	37·4	36·0	—	39·6	37·6	37·4	36·0	40·4	38·4	38·0	36·9	37·5	17
18	38·4	37·6	38·4	38·0	39·6	38·4	—	39·8	38·8	38·6	38·4	40·8	39·6	39·6	38·0	38·6	18
19	38·2	38·4	39·2	38·6	39·8	39·8	—	40·0	39·4	38·8	38·8	40·7	40·0	39·4	38·4	39·0	19
20	38·4	38·8	39·4	38·8	39·7	40·2	—	40.0	40·6	39·0	39·0	40·6	40·2	40·0	38·6	39·3	20
21	39·0	39·2	39·0	39·4	39·4	40·4	—	39·8	40·2	39·1	40·0	40·4	40·4	39·4	39·2	39·4	21
22	39·2	39·0	39·2	39·6	39·5	40·6	—	39·9	40·0	39·2	40·2	40·3	40·4	39·6	39·0	39·4	22
23	39·4	38·6	38·4	39·7	39·6	40·0	—	39·7	40·0	39·4	40·4	40·2	40·6	39·8	39·4	39·4	23

Table IV.—Magnetic Horizontal Force at every Hour of the Day as deduced from the Photographic Records

(The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber)

MAY 1950

+ ·22000 (C.G.S. UNIT)

Day / Hour	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day / Hour
Midnight	275	297	270	279	290	301	310	320	321	326	321	322	326	317	313	306	Midnight
1h	280	312	272	294	291	320	308	321	319	327	329	327	328	332	318	302	1h
2	284	310	275	302	309	311	307	323	329	326	340	326	332	333	321	313	2
3	289	314	280	301	310	313	313	326	331	330	335	329	336	336	328	332	3
4	298	316	297	309	310	317	314	340	332	332	350	332	340	335	347	327	4
5	300	317	288	306	315	316	333	337	334	330	341	330	348	338	338	330	5
6	309	319	292	307	303	319	324	336	336	333	344	334	347	340	348	334	6
7	320	323	314	315	314	322	330	342	344	350	352	340	349	350	357	340	7
8	329	325	313	317	324	327	338	342	350	360	359	346	347	352	358	343	8
9	339	330	311	325	331	338	340	343	351	370	362	350	342	354	352	340	9
10	348	338	301	324	340	347	337	345	350	377	365	350	338	350	358	335	10
11	352	347	305	340	342	359	341	354	355	371	352	354	330	360	369	338	11
Noon	354	337	303	337	340	352	348	345	360	360	348	353	320	359	367	327	Noon
13h	348	336	290	324	320	340	337	348	354	358	340	352	310	361	343	334	13h
14	347	342	278	310	306	330	332	337	343	350	330	349	322	356	344	330	14
15	330	337	285	302	298	315	328	332	337	337	322	340	321	335	337	320	15
16	316	332	287	304	290	307	324	329	328	320	310	330	317	312	330	313	16
17	311	327	288	305	282	303	312	327	320	321	300	331	310	305	331	309	17
18	309	317	286	309	284	309	318	328	322	324	292	334	309	320	329	311	18
19	307	310	284	307	287	304	320	327	323	322	294	331	304	319	324	310	19
20	305	294	282	297	300	308	314	328	322	318	306	329	313	318	323	303	20
21	300	280	290	290	298	306	313	326	321	317	319	321	318	311	315	299	21
22	303	265	288	291	299	304	318	327	320	319	318	319	319	303	300	304	22
23	300	263	277	286	300	305	319	328	325	320	317	320	317	304	314	311	23

MAY 1950—*continued*

+ ·22000 (C.G.S. UNIT)

Day / Hour	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean.	Day / Hour
Midnight	319	330	341	350	358	357	343	302	—	341	334	323	352	340	360	322	Midnight
1h	324	337	342	351	363	356	360	300	—	348	339	319	328	348	356	326	1h
2	327	338	343	353	358	358	362	—	—	349	341	338	327	353	358	329	2
3	330	339	346	354	350	360	361	—	—	350	345	320	325	352	363	331	3
4	344	340	349	356	342	362	365	—	—	351	347	321	340	358	364	336	4
5	341	340	350	358	348	365	354	—	—	355	350	330	360	354	365	337	5
6	345	349	361	360	358	367	355	—	—	360	360	370	382	355	366	342	6
7	349	353	364	362	360	372	360	—	—	363	361	350	380	359	370	347	7
8	350	357	362	364	370	387	376	—	—	370	363	334	364	362	378	351	8
9	355	356	358	367	372	394	370	—	—	372	367	310	377	363	371	352	9
10	358	355	353	370	380	402	380	377	—	380	370	309	380	364	372	354	10
11	363	356	349	371	400	410	392	378	387	390	371	300	378	369	369	358	11
Noon	361	359	334	372	403	419	388	379	380	387	368	291	380	370	370	356	Noon
13h	359	361	324	374	390	400	390	368	379	370	370	287	372	362	372	349	13h
14	355	360	328	372	375	393	370	365	369	366	373	284	350	359	379	344	14
15	340	355	335	367	363	380	338	354	360	359	365	280	340	357	368	335	15
16	332	350	339	358	358	360	300	343	354	357	367	274	330	352	359	327	16
17	325	340	348	362	349	340	308	334	352	353	355	282	320	348	350	323	17
18	321	334	347	360	347	342	285	332	342	344	330	290	312	352	349	321	18
19	320	336	348	353	346	356	270	334	337	330	310	294	332	340	348	319	19
20	321	331	343	352	342	354	268	333	324	331	321	297	325	338	347	318	23
21	322	333	348	352	343	347	277	331	329	337	310	302	327	349	343	318	22
22	324	334	349	358	350	342	278	330	333	340	317	300	330	350	345	318	21
23	329	339	350	359	356	346	281	332	338	339	321	302	341	355	344	319	20

Table V.—Magnetic Vertical Force at every Hour of the Day as deduced from the Photographic Records

(The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber)

MAY 1950

Day / Hour	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day / Hour
	+ ·30000 (C.G.S. UNIT)																
Midnight	384	370	378	380	378	375	376	373	371	369	367	373	370	372	377	382	Midnight
1h	379	368	378	373	377	373	376	372	372	369	367	373	369	370	376	382	1h
2	378	368	378	374	373	370	375	371	371	369	368	373	368	371	376	380	2
3	376	368	376	373	373	371	374	371	370	370	368	374	368	371	376	376	3
4	374	369	372	370	370	369	373	370	370	370	369	375	369	369	375	379	4
5	374	369	373	372	368	369	370	370	370	370	370	375	370	370	378	379	5
6	375	369	372	372	370	368	370	370	369	370	370	374	370	370	378	380	6
7	374	370	365	372	369	369	370	368	368	367	368	370	370	373	374	377	7
8	373	373	370	376	373	374	372	372	372	368	373	373	376	374	378	381	8
9	377	374	383	378	377	379	374	381	378	373	374	377	377	373	383	387	9
10	374	376	388	377	375	377	370	383	378	370	375	378	378	371	384	389	10
11	366	369	384	364	360	366	366	373	371	363	368	375	380	374	374	387	11
Noon	357	360	380	356	350	356	358	364	361	358	368	368	381	366	363	384	Noon
13h	356	357	370	354	351	357	356	359	354	351	364	360	377	356	358	381	13
14	357	354	368	356	353	363	358	353	350	350	359	350	366	348	355	370	14
15	352	352	366	359	359	364	360	350	348	350	353	348	354	344	359	362	15
16	354	352	366	360	362	365	363	353	350	354	353	351	340	350	364	364	16
17	361	356	369	364	367	370	369	359	357	360	367	360	337	364	371	369	17
18	367	362	372	368	370	372	372	364	364	365	373	367	333	370	376	378	18
19	369	367	373	368	371	372	370	366	367	365	377	369	346	372	378	380	19
20	370	370	375	370	372	374	371	368	367	367	378	370	358	375	381	382	20
21	371	372	379	373	373	375	373	369	368	367	377	372	367	377	380	384	21
22	371	379	378	376	374	377	374	369	369	367	375	371	370	379	381	386	22
23	370	379	379	377	375	377	373	371	369	367	373	370	373	379	379	385	23

MAY 1950—*continued*

Day / Hour	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean.	Day / Hour
	+ ·30000 (C.G.S. UNIT).																
Midnight	383	383	382	379	381	382	381	394	—	377	388	392	411	406	405	381	Midnight
1h	382	382	381	378	381	382	380	390	—	377	389	396	405	407	404	380	1h
2	380	380	380	377	380	381	378	387	—	377	389	395	407	407	403	379	2
3	380	380	379	377	380	380	379	—	—	378	389	400	409	404	403	379	3
4	377	380	378	376	380	379	377	—	—	377	389	400	409	407	403	378	4
5	380	381	379	377	382	378	378	—	—	376	388	404	413	408	404	379	5
6	382	381	379	377	380	377	378	—	—	375	388	397	412	407	407	379	6
7	380	380	378	374	379	376	372	—	—	372	385	384	410	407	403	377	7
8	386	385	382	379	376	377	373	—	—	374	391	393	412	409	405	380	8
9	392	389	387	384	378	378	379	379	—	375	395	409	425	418	407	385	9
10	389	388	383	385	385	374	384	375	—	377	392	420	414	426	408	385	10
11	378	379	372	387	379	367	378	369	379	362	385	413	400	411	400	377	11
Noon	368	364	363	384	369	365	364	362	370	359	373	408	390	405	390	370	Noon
13h	358	359	352	379	356	360	356	363	362	357	372	405	381	394	379	364	13h
14	353	360	347	367	349	348	340	368	356	360	369	404	377	387	371	360	14
15	357	362	345	356	343	340	341	377	355	367	366	403	381	388	379	359	15
16	364	366	351	357	348	352	357	384	362	373	370	404	389	394	388	363	16
17	373	373	365	364	360	363	369	387	370	381	380	410	398	402	395	370	17
18	381	380	372	370	370	374	373	387	379	387	386	410	409	409	403	376	18
19	383	382	376	376	376	376	381	386	382	388	393	411	408	410	408	379	19
20	386	384	377	378	379	378	390	386	387	391	390	412	408	420	409	381	20
21	387	386	378	380	382	379	391	387	386	391	392	413	410	413	409	382	21
22	386	385	379	381	383	380	390	386	387	389	397	410	410	412	410	383	22
23	384	383	379	380	383	381	393	384	386	388	393	409	408	410	409	383	23

Table VI.—Results of Meteorological Observations made at the Aerological Station, Vacoas, (424.5 metres above mean sea-level) during the Month of May, 1950

Month and days 1950	Observations at 10 a.m.									Temperature of the Air							Rainfall		Duration of Bright Sunshine	Percentage of Possible Sunshine
	Atmospheric Pressure	Temperature of the Air	Excess of Air Temperature over Evaporation Temperature	Temperature of the Dew Point	Relative Humidity (Sat 100)	Vapour Pressure	Wind Direction	Wind Velocity	Amount of Cloud (Scale 0—8)	3h	9h	15h	21h	Daily Maximum	Daily Minimum	Daily Range	Amount recorded by the Casella Pluviograph	Duration		
MAY	mbs.	°C	°C	°C	%	mbs.	°	m.p.s.		°C	°C	°C	°C	°C	°C	°C	mms.	mins.	hrs	%
1	967·6	23·0	2·4	19·2	79	22·2	90	3·6	5	19·3	21·4	23·2	20·4	25·0	19·0	6·0	0·9	15	9·7	86
2	966·4	23·3	1·4	21·2	88	25·2	100	8·1	5	90·5	20·7	22·4	20·4	24·3	20·4	3·9	30·0	420	3·1	27
3	966·9	24·2	2·2	20·8	81	24·6	105	2·7	4	20·3	22·3	22·4	20·4	25·6	20·0	5·6	2·0	75	5·0	44
4	968·9	24·1	3·0	19·4	75	22·5	110	2·2	7	20·4	23·4	23·8	19·4	25·0	19·4	5·6	0·0	0	9·2	81
5	969·7	23·2	2·8	18·7	76	21·6	Calm	Calm	6	18·3	22·4	22·4	19·7	24·0	18·0	6·0	0·0	0	6·1	54
6	969.1	23·0	3·0	18·3	75	21·0	110	1·3	6	18·3	22·3	23·6	20·0	24·8	17·2	7·6	0·0	0	10·9	97
7	967·1	22·0	2·3	18·5	81	21·3	Calm	Calm	7	20·2	22·6	25·1	20·9	27·2	20·0	7·2	0·0	0	8·0	71
8	965·1	23·0	2·0	19·9	83	23·2	90	4·5	5	20·6	22·3	24·5	20·3	25·6	19·5	6·1	0·0	0	7·9	71
9	964.9	24·0	2·6	19·9	78	23·2	Calm	Calm	2	19·0	22·3	25·3	20·3	26·7	18.0	8·7	0·0	0	10·4	93
10	965·4	22·9	3·0	18·1	75	20·8	180	1·3	0	17·1	20·3	24·3	18·2	26·6	17·0	9·6	0·0	0	11·0	98
11	965·8	22·2	3·1	17·2	73	19·6	Calm	Calm	5	16·2	19·5	24·4	17·2	25·0	16·1	8·9	0·0	0	10·7	95
12	964·2	20·5	2·5	16·3	77	18·5	Calm	Calm	6	16·3	19·3	19·5	16·6	21·7	16·1	5·6	10·6	70	4·4	39
13	964·9	20·3	3·5	14·3	69	16·3	235	3·1	3	15·3	19·3	19·1	16·6	22·3	15·3	9·0	0·3	5	10·4	93
14	966·1	20·7	4·0	13·7	64	15·7	230	3·6	3	14·3	19·3	21·5	16·9	23·1	14·2	8·9	0·0	0	10·9	97
15	968·0	20·7	3·2	15·3	71	17·4	160	2·2	5	14·6	19·2	21·7	17·4	23·4	14·4	9·0	0·0	0	9·3	84
16	968·2	20·8	3·2	15·4	71	17·5	135	3·6	7	16.3	18·7	22·4	16·2	24·2	15·8	8·4	0·0	0	6·4	58
17	968·1	22·9	4·3	15·7	64	17·8	110	1·3	2	13·9	20·9	23·0	16·6	24·2	13·8	10·4	0·0	0	7·0	63
18	967·8	22·7	3·7	16·6	68	18·9	135	2·2	1	15·9	20·4	22·8	17·5	24·5	15·9	8·6	0·0	0	10·4	94
19	967·4	22·5	3·9	16·0	67	18·2	110	1·8	1	16·4	19·9	23·2	16·2	24·5	16·0	8·5	0·2	10	7·3	66
20	966·2	23·0	4·5	15·6	63	17·7	70	0·9	1	14·6	20·6	25·8	17·6	26·3	14·3	12·0	0·3	5	10·7	96
21	964·1	23·3	1·8	20·5	84	24·1	15	3·1	7	17·6	20·4	23·0	20·2	24·3	17·6	6·7	28·3	100	2·6	23
22	965·0	20·3	2·0	17·0	82	19·4	270	8·1	7	19·3	20·2	20·4	17·4	21·7	19·3	2·4	13·3	145	1·6	15
23	968·1	20·9	3·6	14·7	68	16·7	240	4·5	2	15·4	19·2	21·2	18·0	22·4	14·5	7·9	0·0	0	9·7	88
24	971·3	19·8	4·0	12·6	63	14·6	160	3·1	7	16·3	18·0	19·7	16·9	20·6	14·2	6·4	0.0	0	5·7	52
25	970·7	20·1	2·9	15·2	74	17·3	110	2·2	4	15·4	18·4	19·9	15·8	20·7	14·1	6·6	1·7	15	3·6	33
26	969·4	19·9	4·5	11·7	59	13·7	230	2·7	0	14·0	17·6	20·4	15·2	21·4	13·1	8·3	0·4	5	10·0	91
27	971·4	19·2	2·6	14·8	76	16·8	210	3·6	3	14·9	17·0	19·5	15·4	20·9	14·8	6·1	0·0	0	9·5	86
28	973·9	20·0	3·6	13·8	67	15·8	115	6·7	7	15·0	15·8	20·5	15·6	21·1	13·9	7·2	0·4	5	6·5	59
29	974·8	19·3	2·6	14·9	76	16·9	110	3·6	8	14·4	22·7	20·3	16·1	21·7	13·7	8·0	0·0	0	8·3	75
30	972·7	21·1	0·6	20·2	95	23·7	110	4·5	3	14·6	19·9	21·2	16·2	21·9	14·6	7·3	0·0	0	10·0	91
31	972·5	20·8	4·4	13·0	61	15·0	110	7·2	3	16·4	20·3	21·0	18·1	21·8	15·8	6·0	1·1	45	9·9	90
Mean	968·1	21·4	3·0	16·6	74·1	18·9	—	3·0	4·3	16·8	20·1	22·2	18·0	23·6	16·2	7·4	89·5	915	7·95	71·3
Average	969·4	21·7	2·3	18·0	79·5	20·7	—	4·2	5·7	—	—	—	—	23·8	17·6	6·2	156·6	1970	—	—
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

EXCESS OF CERTAIN ELEMENTS AT PAMPLEMOUSSES OVER THE CORRESPONDING ELEMENTS AT VACOAS

Atmospheric Pressure	+	41·6 mbs	Amount of rain	—	14·2 mms
Temperature of the Air		—°C	Duration of Bright Sunshine	—	0·3 hrs.
Vapour Pressure		—mbs	Mean of Maximum temperatures	+	2·1°C
Relative Humidity		—%	,, Minimum temperature	+	1·1°C
Velocity of Wind	+	0·4 mps.	Absolute Maximum temperature	+	0·8°C
Amount of Cloud		—	Minimum temperature	+	0·7°C

Table VII.—Daily Results of Meteorological Observations made during the month of May, 1950

Month and Day 1950	Atmospheric Pressure		Temperature of the Air					Excess of Air Temp. over Evaporation Temp.	Temperature of the Dew Point		Relative Humidity (Saturation=100)		Vapour Pressure	Minimum on the Grass
	Mean	Excess above Average	Daily Maximum	Daily Minimum	Daily Range	Mean	Excess above Average		Mean	Excess above Average	Mean	Excess above Average		
MAY	mbs.	mbs.	°C	°C	°C	°C	°C	°C	°C	°C	%	%	mbs	°C
1	1007.5	− 1.2	26.9	20.2	6.7	23.2	− 0.1	1.8	20.4	+ 0.5	84	+ 3	24.0	16.7
2	1007.1	− 1.7	26.7	22.2	4.5	24.2	+ 1.0	1.7	21.6	+ 1.8	86	+ 5	25.8	20.6
3	1007.7	− 1.2	26.7	22.7	4.0	24.4	+ 1.2	1.8	21.8	+ 2.0	85	+ 4	26.1	20.5
4	1009.5	+ 0.5	26.3	22.4	3.9	24.0	+ 0.9	2.6	19.9	+ 0.2	78	− 3	23.2	20.4
5	1010.0	+ 1.0	26.4	18.4	8.0	22.1	− 0.9	1.7	19.5	− 0.1	85	+ 4	22.7	15.0
6	1009.2	+ 0.1	26.6	17.9	8.7	22.0	− 0.9	1.9	19.0	− 0.3	83	+ 3	22.0	13.5
7	1007.1	− 2.1	27.6	20.3	7.3	23.6	+ 0.8	1.1	21.9	+ 2.7	91	+ 11	26.3	15.6
8	1005.9	− 3.4	26.6	20.6	6.0	23.3	+ 0.6	1.1	21.7	+ 2.6	90	+ 10	26.0	19.5
9	1005.0	− 4.3	28.0	20.2	7.8	23.8	+ 1.2	1.2	22.0	+ 3.0	90	+ 10	26.4	17.2
10	1006.0	− 3.4	27.9	19.1	8.8	23.2	+ 0.7	2.2	19.9	+ 1.0	81	+ 1	23.2	15.3
11	1005.8	− 3.7	27.3	16.2	11.1	24.4	− 1.0	2.2	17.8	− 1.0	80	0	20.4	12.6
12	1004.6	− 5.0	25.9	16.0	9.9	20.6	− 1.8	1.9	17.6	− 1.2	82	+ 2	20.1	12.4
13	1005.4	− 4.3	25.2	15.2	10.0	19.9	− 2.4	3.2	14.5	− 4.2	71	− 9	16.5	11.8
14	1006.8	− 2.9	26.2	14.6	11.6	20.1	− 2.2	2.5	15.9	− 2.8	77	− 3	18.1	11.2
15	1008.4	− 1.4	26.3	14.3	12.0	20.0	− 2.2	1.1	18.3	− 0.3	89	+ 9	21.0	11.1
16	1008.6	− 1.3	25.8	14.5	11.3	19.8	− 2.4	2.0	16.5	− 2.1	81	+ 1	18.8	11.4
17	1008.4	− 1.6	25.9	15.1	10.8	20.2	− 1.9	2.2	16.6	− 1.9	80	0	18.9	11.2
18	1008.0	− 2.1	26.2	16.4	9.8	21.0	− 1.0	1.5	18.6	+ 0.2	86	+ 6	21.4	12.0
19	1007.3	− 2.9	25.5	15.0	10.5	20.0	− 2.0	1.6	17.5	− 0.9	85	+ 5	20.0	13.0
20	1006.4	− 3.9	27.3	17.6	9.7	22.2	+ 0.3	3.0	17.3	− 1.1	74	− 6	19.8	11.8
21	1004.1	− 6.3	24.6	21.9	2.7	23.0	+ 1.1	0.1	22.9	+ 4.5	99	+ 19	27.9	13.7
22	1005.7	− 4.7	24.9	15.8	9.1	20.0	− 1.8	2.1	16.6	− 1.7	81	+ 1	18.9	20.5
23	1009.4	− 1.1	23.4	18.6	4.8	20.7	− 1.1	4.9	14.0	− 4.3	66	− 14	16.0	11.9
24	1012.5	+ 2.0	23.5	15.9	7.6	19.4	− 2.3	4.2	11.9	− 6.3	61	− 19	13.9	14.3
25	1011.8	+ 1.2	24.3	14.6	9.7	19.2	− 2.5	1.9	16.0	− 2.2	81	+ 1	18.2	13.4
26	1010.4	− 0.2	24.0	15.2	8.8	19.3	− 2.3	3.7	12.7	− 5.2	65	− 15	14.7	11.3
27	1012.8	+ 2.1	24.1	13.9	10.2	18.7	− 2.9	3.0	13.5	− 4.4	72	− 8	15.5	12.4
28	1015.1	+ 4.4	24.0	12.4	11.6	17.9	− 3.6	2.9	12.8	− 5.0	72	− 8	14.8	11.0
29	1014.5	+ 3.7	24.1	12.9	11.2	18.2	− 3.3	2.2	14.4	− 3.4	79	− 1	16.4	10.1
30	1013.6	+ 2.7	24.3	16.5	7.8	20.1	− 1.3	3.9	13.3	− 4.4	65	− 15	15.3	10.6
31	1013.2	+ 2.3	24.3	19.3	4.0	21.5	+ 0.1	4.2	14.5	− 3.2	64	− 15	16.5	13.1
Mean	1008.6	−1.3	25.7	17.3	8.4	21.2	− 1.0	2.3	17.4	− 1.2	79.4	− 0.7	20.3	14.1
Aver.	1009.9	—	25.9	19.1	6.8	22.2	—	2.3	18.6	—	80.1	—	21.4	15.7
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14

GENERAL WEATHER CONDITIONS DURING THE MONTH OF MAY, 1950

Pressure was low until the 24th. Between the 8th and 14th a weak area of low pressure which formed in the vicinity of Mauritius moved away east-south-eastwards without giving much rain. Between the 20th and 23rd an extra-tropical depression formed and became very intense for latitude 35°S as it moved away east-south-east.

Rainfall was about normal in the West but far below normal in all other districts.

Table VII *contd.*—Daily Results of Meteorological Observations made during the month of May, 1950

Month and Day 1950	Rainfall: Amount recorded by the Dines Pluviograph	Rainfall: Duration	Amount of Evaporation	Duration of Bright Sunshine	Percentage of Possible Sunshine	Observed Wind Velocity: Mean	Observed Wind Velocity: Excess above Average	Temparature of the Soil: 10 Feet	5 Feet	2 Feet	12 Inches
MAY	mms.	mins.	mms.	hrs.	%	m.p.s.	m p.s.	°C.	°C.	°C.	°C.
1	0·2	10	3·8	10·2	90	3·3	0·0	25·7	26·8	25·9	26·7
2	16·9	465	2·7	2·4	21	4·0	+ 0·7	25·6	26·5	25·9	27·0
3	1·2	100	2·7	4·9	43	2·7	— 0·6	25·6	26·4	25·9	26·9
4	0·0	—	2·6	7·8	69	2·2	— 1·1	25·6	26·5	25·9	27·0
5	0·0	—	3·0	8·7	77	2·4	— 0·9	25·6	26·7	26·0	26·9
6	0·0	—	3·0	10·2	90	2·3	— 1·0	25·7	26·8	25·9	26·7
7	3·1	40	2·8	7·3	65	1·8	— 1·5	25·7	26·1	25·9	26·6
8	0·3	10	2·4	8·7	77	2·7	— 0·6	25·7	26·3	25·8	26·9
9	0·1	10	2·9	10·7	95	2·1	— 1·2	25·7	26·5	25·8	26·6
10	0·1	15	4·0	9·9	88	2·0	— 1·3	25·7	26·4	25·8	26·7
11	0·0	—	3·7	10·6	95	1·9	— 1·4	25·7	26·6	25·9	26·6
12	0·0	—	3·9	6·8	61	2·5	— 0·8	25·6	26·4	25·7	26·2
13	0·0	—	3·4	10·4	93	2·9	— 0·4	25·6	26·1	25·7	26·0
14	0·0	—	4·0	9·2	82	1·9	— 1·4	25·7	25·8	25·4	25·5
15	11·4	20	3·8	6·9	62	2·1	— 1·2	25·7	24·9	25·3	25·1
16	0·0	—	4·4	4·2	38	1·9	— 1·4	25·8	26·0	25·1	24·9
17	0·0	—	2·4	6·5	59	1·8	— 1·4	25·7	26·1	24·9	24·7
18	0·0	—	1·8	6·2	56	2·1	— 1·1	25·6	26·0	24·8	24·4
19	0·0	—	3·8	8·0	72	1·9	— 1·3	25·6	25·7	24·6	24·4
20	0·0	—	1·8	10·3	93	2·1	— 1·1	25·6	25·5	24·0	24·5
21	40·3	145	3·5	8·7	78	3·3	+ 0·1	25·8	25·9	24·4	24·7
22	1·1	25	1·7	3·3	30	4·5	+ 1·3	25·7	25·7	23·9	24·7
23	0·0	—	3·0	9·7	88	3·5	+ 0·3	25·7	25·5	24·4	25·0
24	0·0	—	3·9	4·1	37	3·2	0·0	25·6	25·7	24·4	24·7
25	0·6	30	2·9	2·2	20	2·1	— 1·1	25·6	25·7	24·3	24·5
26	0·0	—	2·6	9·9	90	2·0	— 1·2	25·6	25·4	24·3	24·4
27	0·0	—	3·8	10·0	91	3·0	— 0·2	25·6	25·7	24·0	24·1
28	0·0	—	3·5	9·7	88	2·6	— 0·6	25·5	25·6	23·9	23·8
29	0·0	—	4·2	8·7	79	3·0	— 0·3	25·6	25·5	23·9	23·8
30	0·0	—	5·2	10·1	92	3·1	— 0·2	25·6	25·4	23·8	24·0
31	0·0	—	2·5	10·2	93	5·0	+ 1·7	25·5	25·3	23·6	23·7
	Sum	Sum									
Mean	75·3	870	3·2	7·94	71·3	2·64	—0·62	25·65	25·98	25·00	25·41
Average	95·4	1340	3·8	7·39	66·4	3·26	—	—	—	—	—
Column	15	16	17	18	19	20	21	22	23	24	25

MEANS AND EXTREMES OF CERTAIN METEOROLOGICAL ELEMENTS DURING THE MONTH OF MAY, 1950

Element	*Highest*			*Date*	*Lowest*			*Date*
Atmospheric Pressure	1016·5mbs	at	09·00 & 10.00 hrs.	on 28th	1002·9 mbs	at	15·00 hrs.	on 21st
Temperature of the Air	28·0°C	,,	—	,, 9th	12·4°C	,,	—	,, 28th
Daily range of temperature of the Air	12·0°C	,,	—	,, 15th	3·9°C	,,	—	,, 4th
Temperature of the Dew Point ...	22·9°C	,,	—	,, 21st	11·9°C	,,	—	,, 24th
Daily range of temperature of the Dew Point	—	,,	—	,, —	—	,,	—	,, —
Minimum on Grass	—	,,	—	,, —	10·1°C	,,	—	,, 28th
Relative Humidity	99%	,,	—	,, 21st	61%	,,	—	,, 24th
Vapour Pressure	27·9mbs	,,	—	,, 21st	13·9mbs	,,	—	,, 24th
Evaporation in 24 hours	5·2mms	,,		,, 30th	1·7mms.	,,	—	,, 22nd
Wind Velocity	7·9mps	,,	16·00 hrs.	,, 22nd	—	,,	—	,, —
Rainfall in 24 hours	40·7mms	ending	06·00 hrs.	,, 22nd	—	,,	—	,, —
Duration of Sunshine	10·7hrs.		—	,, 9th	2·2 hrs.	,,	—	,, 25th

NUMBER OF DAYS OF

Rainfall: mms. 0·1—0·9	mms. 1·0—4·9	mms. 5·0—9·9	mms. 10·0—24·9	mms. 25·0—39·9	mms. 40·0—54·9	mms. 55·0 & over	Lightning	Thunderstorm
5	3	—	2	—	1	—	—	1

Table VIII.—Barogram

MAY 1950

Day / Hour	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day / Hour
The initial 10 or 9 is omitted. The unit in the table is 0·1 millibar.																	
Midnight	081	074	082	090	110	107	084	066	061	054	070	055	058	064	084	095	Midnight
1h	079	074	081	086	104	103	081	064	055	049	066	053	052	064	083	092	1
2	074	071	080	085	102	101	076	062	053	049	063	049	050	062	082	088	2
3	072	063	066	082	101	099	073	061	046	049	062	044	046	060	080	083	3
4	067	061	061	082	100	096	065	059	044	048	060	041	047	058	078	084	4
5	068	062	055	081	100	095	065	060	044	052	059	040	048	060	078	085	5
6	071	064	062	082	101	097	072	061	046	059	060	042	054	062	081	089	6
7	080	070	074	085	102	100	076	064	054	062	062	044	060	065	084	090	7
8	082	079	080	094	103	100	080	063	059	064	065	051	062	071	092	094	8
9	088	077	081	101	107	102	082	074	061	069	070	054	063	075	097	097	9
10	089	073	082	105	111	102	080	071	050	069	070	054	064	078	099	101	10
11	085	073	078	102	104	099	073	062	052	064	062	046	060	073	092	092	11
Noon	079	070	076	096	100	088	064	060	044	066	056	041	049	066	083	086	Noon
13h	069	066	071	090	091	085	062	055	040	059	048	038	047	063	079	081	13h
14	063	061	065	088	086	081	059	045	038	054	044	032	043	059	074	075	14
15	063	060	067	085	082	080	059	043	036	053	042	031	042	060	074	072	15
16	062	062	069	086	082	080	061	043	033	052	043	033	042	060	074	071	16
17	063	063	072	092	088	082	063	046	042	053	048	031	047	062	075	074	17
18	071	070	076	099	095	083	066	053	042	057	049	041	053	064	079	079	18
19	074	074	081	102	100	085	071	058	046	061	056	043	057	073	082	082	19
20	080	083	089	109	104	091	075	063	055	066	058	052	064	081	088	085	20
21	082	089	097	115	106	092	078	064	060	074	061	060	064	082	092	088	21
22	081	084	099	114	109	085	076	064	061	074	061	060	064	083	094	092	22
23	078	087	098	113	109	085	069	062	060	074	060	059	064	084	095	093	23

MAY 1950—*continued*

Day / Hour	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean.	Day / Hour
The initial 10 or 9 is omitted. The unit in the table is 0·1 millibar.																	
Midnight	088	088	083	077	055	044	082	120	131	115	120	147	152	146	139	1009·1	Midnight
1h	087	086	080	075	053	042	082	117	131	110	117	148	150	143	135	1008·8	1
2	083	083	075	071	047	042	080	114	122	104	113	146	144	142	132	1008·5	2
3	081	081	072	066	044	039	078	112	119	102	110	144	141	139	125	1008·2	3
4	080	080	071	065	042	038	077	112	119	100	109	144	140	134	124	1008·0	4
5	080	079	071	064	040	034	080	112	119	097	110	145	140	133	124	1008·0	5
6	082	080	073	064	041	038	084	118	120	101	119	151	142	135	125	1008·3	6
7	083	083	078	067	042	043	089	124	129	100	122	158	143	141	131	1008·7	7
8	089	084	083	073	044	053	092	129	136	109	128	162	153	144	138	1009·2	8
9	094	089	085	076	046	059	100	140	132	114	135	165	160	148	142	1009·6	9
10	098	088	085	075	048	062	102	139	126	113	139	165	162	148	144	1009·7	10
11	094	083	080	066	043	062	095	132	123	107	134	160	154	142	141	1009·1	11
Noon	086	080	072	064	040	061	090	125	118	100	126	152	149	134	135	1008·6	Noon
13	080	072	065	054	036	058	086	121	106	090	121	144	141	135	127	1008·0	13h
14	075	066	060	050	031	055	085	118	102	085	120	142	137	132	122	1007·6	14
15	073	065	058	044	029	055	084	115	101	085	119	140	133	120	120	1007·4	15
16	072	067	058	046	029	056	085	120	101	090	121	140	133	116	121	1007·5	16
17	073	070	061	049	030	060	091	123	102	093	126	143	138	122	124	1007·8	17
18	073	075	063	062	034	062	098	125	112	101	133	144	141	127	126	1008·2	18
19	083	082	069	066	038	067	104	129	115	108	141	153	143	133	131	1008·7	19
20	086	084	078	070	042	075	113	135	121	115	146	158	146	140	136	1009·3	20
21	092	086	081	072	044	081	115	139	122	121	152	160	148	142	139	1009·7	21
22	094	086	081	071	043	082	120	135	120	122	153	159	153	142	140	1009·7	22
23	094	085	080	069	045	082	120	132	118	121	152	155	152	140	139	1009·6	23

Table IX.—Duration of Bright Sunshine at the Aerological Station, Vacoas by the Campbell Stokes Sunshine Recorder

MAY 1950

Day / Hour Ending	d 1	d 2	d 3	d 4	d 5	d 6	d 7	d 8	d 9	d 10	d 11	d 12	d 13	d 14	d 15	d 16	d 17	d 18	d 19	d 20	d 21	d 22	d 23	d 24	d 25	d 26	d 27	d 28	d 29	d 30	d 31	Total Hours
	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	
6h	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0·0
7	26	0	0	15	23	25	5	10	28	27	24	25	27	35	34	3	20	20	34	18	0	0	20	0	0	24	0	0	17	0	0	7·7
8	54	0	16	60	60	60	60	28	60	60	60	20	60	60	60	46	60	60	60	60	38	0	60	30	47	60	58	0	60	42	52	24·2
9	60	0	47	60	60	60	54	60	60	60	60	60	60	60	24	38	60	60	60	60	35	5	60	29	54	60	43	5	8	60	60	24·7
10	60	55	60	60	55	60	51	60	60	60	60	60	60	60	6	48	60	60	60	60	20	15	60	34	29	60	60	60	43	60	60	26·9
11	60	28	60	11	19	60	51	60	60	60	60	12	60	60	52	60	60	60	60	60	27	16	60	35	8	60	60	18	45	60	60	24·4
Noon	53	16	57	31	6	60	60	45	60	60	60	25	60	60	60	60	60	50	33	60	10	12	60	55	2	60	60	47	18	60	60	23·7
13	46	16	27	42	41	60	24	54	60	60	60	12	53	60	60	60	60	53	54	60	2	3	60	46	0	60	58	41	57	60	41	23·2
14	60	20	19	60	22	60	60	60	60	60	46	10	55	60	60	15	15	60	17	60	15	20	60	55	0	60	50	52	60	60	60	22·8
15	13	47	15	60	17	60	60	49	60	60	60	5	49	60	60	25	11	60	35	60	5	17	60	36	4	47	50	60	60	60	60	22·1
16	60	5	0	60	53	60	54	33	21	60	60	10	60	60	60	5	0	60	3	60	1	5	55	13	19	29	60	40	60	60	60	19·8
17	60	0	0	60	11	60	0	15	60	60	60	12	58	60	60	26	15	60	20	60	0	0	29	8	48	53	60	43	58	60	60	19·6
18	30	0	0	31	0	30	0	0	32	32	33	12	20	20	21	0	0	23	0	25	0	0	0	8	3	28	8	25	12	20	20	7·2
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0·0

The Total Amount of Registered Sunshine was 246·3 hrs. and the total possible Sunshine was 345·4 hrs.

Table X.—Duration of Bright Sunshine at the Royal Alfred Observatory by the Campbell Stokes Sunshine Recorder

MAY 1950

Day / Hour Ending	d 1	d 2	d 3	d 4	d 5	d 6	d 7	d 8	d 9	d 10	d 11	d 12	d 13	d 14	d 15	d 16	d 17	d 18	d 19	d 20	d 21	d 22	d 23	d 24	d 25	d 26	d 27	d 28	d 29	d 30	d 31	Total Hours
	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	
6h	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0·0
7	20	0	0	30	20	25	25	50	20	20	25	29	20	20	25	0	25	9	27	25	20	0	0	0	0	15	15	0	0	17	12	8·1
8	60	1	10	55	60	60	60	60	60	60	60	60	60	60	60	13	60	60	60	60	60	2	45	5	2	60	45	45	28	60	60	24·2
9	60	1	1	48	60	60	60	60	60	60	60	60	60	60	60	27	60	60	60	60	33	18	60	10	1	60	60	60	60	60	60	25·3
10	60	2	30	55	60	60	60	50	60	60	60	60	60	60	60	7	60	60	60	60	60	12	60	20	35	60	60	60	25	60	60	25·9
11	50	25	60	29	55	60	50	50	60	60	60	60	60	60	50	31	60	60	60	60	55	39	60	10	10	60	60	60	58	60	60	26·5
Noon	40	45	57	35	30	60	60	15	60	60	60	15	60	60	60	55	60	50	60	60	60	12	60	60	38	60	60	60	60	50	60	26·4
13h	60	18	17	2	60	60	18	21	60	60	60	20	60	45	42	60	32	18	10	60	60	25	60	55	35	60	60	60	60	60	60	22·9
14	60	30	30	15	30	60	40	38	60	60	60	25	60	30	25	37	25	4	50	60	55	37	60	22	0	60	60	60	60	60	60	22·2
15	60	22	32	58	45	55	32	60	60	60	60	60	60	35	0	12	5	8	30	60	50	30	60	54	0	60	60	60	60	60	60	22·7
16	60	0	25	60	60	60	1	60	60	32	60	20	60	60	30	5	3	0	15	60	45	25	60	7	10	40	60	60	60	60	60	20·3
17	60	0	12	60	39	35	31	40	58	50	57	1	60	60	0	2	1	40	45	50	25	0	55	3	0	58	60	55	50	50	50	18·5
18	25	0	20	30	2	17	0	18	0	10	15	0	5	5	0	1	0	1	1	2	0	0	0	0	0	1	1	0	12	8	12	3·1
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0·0

The Total Amount of Registered Sunshine was 246·1 hrs. and the total possible sunshine was 345·4 hrs.

Table XI.—Direction and Velocity of the Wind at every Hour of the Day as recorded by the Robinson Cup Anemometer during May, 1950

The directions are given in points and the values indicate the direction from which the wind blows counting from North 32, East 8, South 16 and West 24
The Velocities are given in Metres per Second, using the factor 2·2
*(The days on which the Normal Trade-Winds are interrupted are indicated by an asterisk *).*

MAY 1950

Day	1d.		2d.		3d.		4d.		5d.		6d.		7d. *		8d.		9d. *		10d. *		11d. *		12d. *		13d. *		14d. *		15d. *		16d.	
Hour	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
Midnight	08	2·2	09	3·2	10	1·5	06	2·3	10	1·7	10	1·3	10	2·0	12	1·7	10	1·1	11	1·6	11	1·8	16	1·1	14	1·4	16	2·0	12	1·4	10	2·2
1h	08	2·0	09	3·3	10	0·9	06	2·1	10	1·7	10	1·3	10	1·9	12	1·6	10	1·6	11	1·9	11	1·4	16	1·2	16	1·8	16	1·2	12	1·3	10	1·8
2	08	2·7	09	3·7	10	1·7	06	1·2	10	1·3	10	2·5	11	1·5	12	1·4	10	1·5	11	1·7	11	1·3	16	1·2	14	2·0	16	1·4	12	1·6	10	2·5
3	08	2·6	08	3·5	10	2·2	06	1·4	10	2·6	10	1·5	11	1·9	09	2·5	10	1·3	11	2·4	11	1·5	16	2·0	17	2·3	16	1·8	12	2·0	10	2·2
4	08	2·1	07	4·0	06	2·9	06	1·6	10	1·8	10	1·5	11	1·8	12	3·0	10	1·4	11	1·6	11	1·7	17	1·8	17	2·2	16	1·7	12	1·8	10	1·8
5	08	2·2	06	4·5	06	2·8	06	1·6	10	1·9	10	1·1	11	1·7	11	2·3	10	1·8	13	1·9	11	1·4	20	1·0	17	2·0	16	1·8	12	1·8	10	1·8
6	08	2·1	08	4·1	06	2·1	06	2·6	10	0·7	10	1·0	11	1·5	11	2·4	10	1·6	14	1·9	11	1·7	20	0·9	15	2·1	16	1·8	12	2.1	10	1·9
7	08	2·1	07	3·6	08	1·9	10	1·9	10	2·1	10	1·1	11	1·1	10	3·8	10	1·7	13	2·7	11	1·5	16	2·0	15	1·8	16	1·5	12	1·4	10	2·4
8	08	2·3	10	4·1	08	2·4	10	2·8	10	2·9	10	2·1	11	1·8	10	3·2	10	0·7	13	3·0	11	0·7	16	1·8	15	1·5	16	1·3	12	1·3	10	1·5
9	08	3.8	07	4·0	08	3·3	10	2·2	10	3·8	11	3·7	11	1·8	10	4·9	d20	2·0	13	3·2	11	0·8	16	2·1	18	3·2	16	3·2	16	2·5	10	2·1
10	09	4·2	09	5·1	08	3·9	06	3·1	10	3·5	10	4·1	11	3·1	10	5·4	22	2·5	13	1·5	11	0·9	16	2·9	19	3·8	17	2·4	14	1·3	12	1·8
11	10	4·4	07	5·5	08	4·1	07	2·4	10	3·2	10	4·2	10	2·5	10	4·7	22	2·9	d26	2·0	d24	2·4	17	1·9	20	5·1	16	2·0	14	2·1	12	2·1
Noon	09	4·5	06	5·0	04	3·7	09	3·4	09	3·6	10	3·6	09	2·9	07	3·9	21	4·2	24	2·4	r15	1·6	16	2·5	20	6·2	14	2·3	12	1·9	10	1·9
13h	10	4·5	07	5·8	06	3·4	10	3·1	10	4·0	10	3·7	d23	1·8	08	3·6	22	3·9	22	2·7	22	2·9	17	3·1	20	5·4	22	3·8	d27	2·3	10	1·4
14	08	4·7	07	5·4	05	3·7	07	2·9	08	3·4	10	3·5	22	2·1	07	3·5	22	3·2	26	2·2	22	4·3	14	4·0	19	7·4	14	1·8	27	2·1	05	3·2
15	07	4·8	08	5·3	06	4·1	10	4·2	06	3·2	10	3·8	23	1·6	06	3·2	22	2·6	d02	1·8	22	3·5	15	2·1	19	5·0	16	2·6	28	1·8	07	2·1
16	08	4·7	06	4·2	08	3·7	09	2·9	07	3·6	10	3·1	24	1·1	06	3·0	22	3·0	03	2·7	22	4·1	12	4·3	19	2·8	09	1·2	03	1·7	10	1·8
17	09	4·0	09	4·5	06	3·0	10	2·3	07	2·8	10	2·4	29	1·8	06	2·6	r11	2·4	04	1·8	21	2·6	14	3·4	19	2·8	09	1·2	08	2·3	10	0·8
18	08	2·9	10	3·5	10	2·6	10	1·3	10	2·0	11	1·7	d10	0·7	06	1·9	13	2·3	04	1·2	21	2·0	14	2·1	18	0·6	13	2·8	10	2·1	10	1·1
19	08	3·0	10	4·0	10	2·4	10	1·5	10	1·9	11	1·7	10	1·7	06	1·6	10	2·3	10	1·8	21	1·2	14	3·1	18	1·5	14	1·8	10	2·5	10	1·8
20	09	3·2	10	3·2	10	2·1	10	1·8	10	1·4	11	1·4	10	3·0	06	1·1	11	3·1	11	1·9	16	1·8	16	4·3	18	1·3	14	1·3	10	3·1	10	1·8
21	09	3·0	10	2·1	10	0·9	10	1·5	10	1·6	11	2·2	14	1·1	06	1·5	12	2·8	11	1·2	16	1·2	13	4·4	16	3·5	14	1·2	10	3·0	10	2·0
22	09	3·2	10	2·1	06	3·0	10	1·2	10	1·7	11	2·8	14	1·5	10	1·1	11	2·2	11	1·1	16	1·4	16	3·1	16	2·3	12	2·1	10	3·1	10	1·7
23	10	3·1	10	2·3	06	1·3	10	1·2	10	1·5	11	1·8	14	1·8	10	1·4	11	1·8	11	1·8	16	1·2	14	3·8	16	1·2	12	1·0	11	2·6	10	2·1

MAY 1950—*continued*

Day	17d.		18d.		19d. *		20d.		21d. *		22d. *		23d. *		24d.		25d.		26d.		27d.		28d.		29d.		30d.		31d.		Mean
Hour	Dir.	Vel	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Velocity
Midnight	10	1·9	11	2·3	12	2·2	10	2·6	10	1·8	28	3·2	16	2·2	14	3·7	14	1·9	13	3·1	05	1·4	14	1·2	12	2·0	13	2·5	11	3·3	2·1
1h	10	2·7	11	2·3	12	1·8	10	2·0	10	2·3	25	3·9	16	0·9	16	3·4	10	1·2	13	1·3	12	1·3	14	2·1	12	1·2	14	2·4	11	2·7	1·9
2	10	1·9	11	2·7	12	2·1	10	2·6	10	2·0	22	4·5	16	1·1	16	2·7	14	1·7	13	1·5	12	1·0	14	2·3	12	1·8	09	2·0	10	3·2	2·0
3	10	2·4	11	2·5	12	2·7	10	2·2	10	1·4	23	3·2	16	1·8	18	2·1	10	1·8	13	1·7	12	1·9	15	2·2	12	1·9	09	1.6	10	1·8	2·1
4	10	2·8	11	2·5	12	2·5	10	1·8	10	1·5	23	2·3	16	2·0	14	2·4	13	1·4	13	1·3	15	1·8	11	1·2	12	2·4	09	0·9	10	4·1	2·1
5	10	2·2	11	1·9	12	2·6	10	2·2	10	1·6	33	2·5	16	1·4	14	3·1	10	1.3	16	2·0	16	2·1	12	2·7	12	2·3	09	2·0	10	2·8	2·1
6	10	2·4	11	2·0	12	2·4	10	2·2	10	1·3	22	3·4	16	1·0	14	3·2	12	2·3	14	1·8	16	3·1	14	1·1	12	2·3	10	1·5	10	2·7	2·0
7	10	2·7	11	1·8	12	3·1	10	2·0	10	1·2	22	3·8	14	1·2	14	2·1	10	1·8	14	1·6	16	2·9	14	1·7	12	2·3	13	1·9	10	3·7	2·1
8	10	1·5	11	1·7	12	1·8	10	1·8	10	1·2	22	4·5	13	0·7	14	2·6	10	2·0	14	1·9	14	3·8	14	3·0	12	2·6	13	2·5	10	4·4	2·2
9	10	1·7	11	2·0	12	1·9	10	1·7	03	2·6	21	5·9	18	4·8	13	4·5	12	4·0	16	2.9	16	3·1	14	3·9	11	4·1	10	2·0	10	6·3	3·2
10	10	1·4	11	2·9	12	2·1	07	2·2	02	4·2	22	7·5	20	3·5	13	4·2	10	2·6	17	2·9	17	4·6	13	4·4	10	2·6	09	3.9	12	7·1	3·4
11	10	1·7	12	2·4	10	1·4	08	1·9	01	5·0	21	6·6	19	6·6	13	4·6	09	3·3	19	3·1	15	4·5	12	4·8	10	6·2	09	4·4	10	7·1	3·7
Noon	10	2·0	15	2·4	10	0·8	06	1·8	31	5·6	22	7·4	19	6·1	14	6·3	10	3·3	22	2·1	11	4·7	12	3·6	10	5·9	10	5·5	09	7·0	3·8
13h	10	1·5	08	2·3	d22	1·7	06	2·7	30	5·7	22	7·6	19	5·9	12	4·5	14	2·2	r12	2·9	16	5·5	11	3·9	09	5·3	09	5·8	08	7·1	3·9
14	10	1·1	10	2·6	26	1·2	05	2·8	31	5·8	22	6·8	19	6·8	13	4·4	06	3·2	15	2·9	14	5·2	11	3·8	10	4·6	11	5·9	10	7·3	3·9
15	12	1·0	10	1·8	32	1·1	05	2·4	30	5·6	22	6·5	20	7·6	10	4·9	10	0·9	16	3·1	16	5·2	11	3·7	10	4·4	10	5·4	10	7·3	3·6
16	12	1·4	10	2·3	32	0·8	06	2·7	28	5·0	22	7·9	18	2·9	14	4·7	10	1·1	18	2·9	14	4·1	11	3·7	10	4·2	11	4·5	10	7·6	3·3
17	11	2·1	10	2·2	06	1·2	06	1·9	29	4·2	22	6·4	17	4·8	14	2·1	12	1·4	20	2·4	14	4·2	12	3·2	10	3·1	12	3·3	10	5·7	2·9
18	11	1·6	12	1·6	08	1·4	06	1·3	28	3·1	23	4·4	16	4·6	14	2·4	12	1·3	20	1·9	15	2·0	12	1·8	10	2·1	12	1·9	08	5·8	2·2
19	11	1·9	12	1·7	10	2·0	06	1·4	30	3·7	20	4·4	19	3·2	14	2·5	12	1·6	14	2·1	15	1·5	12	1·5	10	2·0	12	2·5	10	5·2	2·3
20	11	2·4	12	1·0	10	2·1	06	1.8	27	1·7	19	1·1	17	3·0	14	1·1	11	2·7	14	1·1	15	1·8	12	1·9	10	2·1	12	2·2	09	4·4	2·1
21	11	1·7	12	1·3	10	2·0	06	1·9	30	3·5	19	1.1	17	2·8	14	1·3	14	1·7	12	1·1	16	2·3	12	1·8	10	1·8	12	2·5	10	4.4	2·1
22	11	2·1	12	2·2	10	2·9	10	2·2	26	3·6	15	2·3	12	3·9	13	1·9	13	2·2	12	0·7	16	2·5	12	1·6	10	2·3	12	3·1	10	5·5	2.3
23	11	2·5	12	2·2	10	2·2	10	1·8	26	4·6	16	1·6	16	3·5	13	2·2	15	1·9	05	1·0	15	2·0	13	1·8	14	2·2	10	3·4	10	3·4	2·1

Table XII.—Wind Frequency (Number of Observations) May, 1950

Hour	Force (0–12)			Direction															
	8 or above	4 to 7	0 to 3	N.	N.N.E.	N.E.	E.N.E.	E.	E.S.E.	S.E.	S.S.E.	S.	S.S.W.	S.W.	W.S.W.	W.	W.N.W.	N.W.	N.N.W
3	...	...	31	...	...	...	1	4	10	9	...	5	1	...	...	1	...	...	...
9	...	1	30	...	...	1	...	3	8	9	1	5	2	2	...	...	...	...	...
15	...	4	27	1	1	1	3	3	8	2	...	4	...	2	3	1	...	1	1
21	...	...	31	..		...	2	1	9	9	4	4	...	1	...	...	...	...	1
Totals	...			1	1	2	6	11	35	29	5	18	3	5	3	2	...	1	2

Table XIII.—Rainfall at every Hour of the Day at the Royal Alfred Observatory, May, 1950

Day / Hour	1d	2d	3d	4d	5d	6d	7d	8d	9d	10d	11d	12d	13d	14d	15d	16d	17d	18d	19d	20d	21d	22d	23d	24d	25d	26d	27d	28d	29d	30d	31d
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1h	...	...	0·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	0·5	...	...	..	...	...	...
2	0·1	...	0·6	...	...	..	...	...		...	...	...	...	...	...	...	..	...	...	...	0·4	...	...	...	0·1	...	...	..	..	...	...
3	...	...	0·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...
4	...	4·8	...	...	...	...		...	...	...	...	...	...	...	...	...	...	..	...	...	...	0·3	...	...	...	..	..	...	...	...	...
5	...	0·1	...	...	...	...	...	...	0·1	..	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	0.3	0·8	...	...	...	...	...	...	...	...	...
7	...	4·2	...	..	...	...	...	...	...	..	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...
8	...	0·3		...	...	...	..	...	...	0·1	...	...	.	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.	...	...	...	...	..	...	...	...
10	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.	..	...	...
11	0·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	...	...	...	...	...	...	...
Noon	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13h	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	.	...	...	...	...	...	...	...	...	...	...	...	...
14	..	..		...	...	..	0·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	0·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.	...	...	...	...	...	...	...	...
16	...	2·0	..	...	..	...	1·4	...	...	...	...	..	...	...	11·4	...	...	...	...	...	...	...	..	...	...	...	..	..	...	...	...
17	...	1·0	...	...	...	..	1·0	...	..	...	...	...	...	...	...	...	...	...	...	...	...		..	..	...	..	...	...	...	...	...
18	...	0·1	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	..	...	...	..	...	...	...	...	...
19	...	0·2	...	...	...	...	..	...	...	...	...	...	...	..	...	...	...	...	...	...	0·6	...	...	...	...	...	...	..	...	...	...
20	...	0·2	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6·5	...	...	...	...	...	...	...	...	...	...
21	...	1·2	...	.	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	1·3	. .	...	...	...	...	...	...	..	. .	...
22	...	0·7	.	...	...	...	...	0·3	...	...	...	...	...	...	...	..	...	...	...	...	4·6	...	...	...	...	...	...	...	...	...	...
23	...	0·9	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	26·6	...	...	...	...	...	...	...	...	...	...
24	...	1·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...

Table XIV.—Rainfall at every Hour of the Day at the Aerological Station, Vacoas, for May, 1950

Day / Hour Ending	1d	2d	3d	4d	5d	6d	7d	8d	9d	10d	11d	12d	13d	14d	15d	16d	17d	18d	19d	20d	21d	22d	23d	24d	25d	26d	27d	28d	29d	30d	31d
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1h	...	..	0·3	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	..	...	...	...	...	...	...
2	...	...	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·5	...	...	0·2	...	...	..	...	...	...
3	...	0·9	...	...	...	...	...	...	..	...	...	0·2	...	...		...	...	...	...	..	...	4·2	...	...	1·5	...	...	...	...	...	...
4	...	2·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6·9	...	..	...	...	...	...	...	...	...
5	..	...	...	...	...	...	..	...	...	...	...	..	..	...	...	...	...	...	...	...	...	1·3	...	...	..	...	...	...	...	...	...
6	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	0·2	...	...	0·2	...	...	...	...	...	...	...	...	...
7	0·2	...	...	...	...	..	...	...	...	..	...	0·1	...	..	...	...	.	...	. .	...	...	...	...	...	...	...	...	...	...	...	...
8	..	16·8	0·2	...	...	..	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	0·2	...	...	...	...	...	0·4	...	...	...
9	...	0·2		...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	. .	...	...	...	...	...	...	...	...	...
10	...	...		...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	..	...	...	...	..	...	...	...	...	0·9	...	...	...	...	..	...	...	...	..	...	...	...	...	...	.	...	...	...	...
Noon	...	...	...	...	...	...	...	...	...	...	...	0·1	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...
13h	...		. .	...		...	...	...	...	...	...	7·9	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...
14	...	0·4	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	0·7		...	...	...	...		...	...	...	...	...	0·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...
16	...	2·5	...	..		...	...	...	...	...	...	0·9	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...
17	. .	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...		...	...	...	...
18	...	1·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	...	...	...	...	...	...	...	...	...	...
19	...	1·0	...	...	...	...	...	...	...	...	..	0·5	...	...	...	...	...	...	...	...	1·8	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	. .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	1·0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	..	1·2	1·5	. .	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	.	...	...	...	...	...	...	...	..	...	..	...
23	...	1·5	..	...	...	...	...	...	...	...	...	...	...	...	...	...	.	...	...	...	8·3	...	...	...	...	...	...	...	...	...	...
24	...	0·7	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	0·3	18·0	...	...	...	...	0·4	...	...	...	...	...

Table XV.—Total Monthly Rainfall at Various Stations in Mauritius according to Districts, May, 1950

Districts	Stations	Approximate Altitude in feet	Total Fall in Inches	Total Fall in mms.	Normal in Inches	Number of days
B. River ...	Albion	—	1·73	43·9	—	6
	Anna Ltd., Bambous ...	—	1·13	28·7	—	2
	Beaux Songe	—	—	—	—	—
	Case Noyale ...	—	—	—	—	—
	Clarens	—	1·45	36·8	—	2
	Govt. School, Bambous ...	—	2·03	51·6	—	4
	Grande Rivière Noire ...	—	—	—	—	—
	La Ferme	—	1·75	44·5	3·30	3
	La Mecque	—	1·89	48·0	—	3
	Médine	—	2·23	56·6	—	3
	Mon Désir, Tamarin ...	—	1·95	49·5	—	3
	Palma'	—	—	—	—	—
	Palmyre	—	2·04	51·8	—	3
	Petit Verger	—	—	—	—	—
	Pierre Fonds	—	2·69	68·3	4·43	5
	Richelieu	—	1·93	49·0	—	6
	Tamarin	—	3·25	82·6	—	3
Port Louis	Abercrombie Nursery ...	—	2·67	67·7	—	19
	Line Barracks... ...	—	3·40	86·4	—	5
P/mousses	Beau Plan	—	2·85	72·4	—	5
	Belle Vue (Harel) ...	—	1·50	38·1	—	5
	Belle Vue (Maurel) ...	—	4·32	109·7	—	7
	Bois Rouge (de St. Romain)	—	—	—	—	—
	Botanical Gardens ...	325	2·58	65·4	4·57	8
	California	—	5·74	145·8	—	7
	Couroupa	—	—	—	—	—
	Fond du Sac (Ramlagan) ...	—	—	—	—	—
	Govt.School, Pl. des Papayes	—	2·74	69·7	—	4
	La Nicolière	—	5·27	133·9	9·63	14
	Montagne Longue ...	—	—	—	—	—
	Mapou ...	—	—	—	—	—
	Massilia and Balaklava ...	—	—	—	—	—
	Mont Choisy, Grand Bay...	—	2·06	52·3	—	4
	Mon Mascal, Grrnd Bay ...	—	1·45	36·8	—	3
	Mont Piton	680	1·77	45·0	5·64	5
	Mon Songe (Mapou) ...	620	5·03	127·8	6·29	8
	Rouge Terre, Fond du Sac...	—	1·20	30·5	—	2
	Solitude ..	175	2·68	68·1	3·62	3
	Sottise, Mapou ...	—	2·57	65·3	—	8
	Terre Rouge	—	—	—	—	—
	The Observatory ...	179	2·97	75·3	3·92	11
	Notre Dame (La Nouvelle Industrie Ltée)	—	3·05	77·5	—	5
	Maison Blanche ...	—	2·89	73·4	—	4
	Le Souvenir	—	3·41	86·6	—	5
	Experiment Station ...	—	3·04	77·2	—	7
Rivière du Rempart	Antoinette	640	5·16	131·1	6·13	7
	Beau Bois, B. Verdière ...	—	4·81	122·2	—	11
	Beau Séjour	300	2·20	55·9	6·13	7
	Bel Etang	—	—	—	—	—
	Bel Mont ...	50	1·86	47·2	4·27	6
	Espérance (Harel) ...	—	—	—	—	—
	Espérance (Souchon) ...	—	1·80	45·7	—	7
	Forbach	—	1·86	47·2	4·63	3
	Govt. School, Grand Bay ...	—	0·56	14·3	—	5
	Haute Rive	—	—	—	—	—
	Ile d'Ambre	—	1·45	36·8	—	2
	Labourdonnais .	290	1·32	33·5	4·90	4
	L'Amitié	—	—	—	—	—
	Mare Sèche, Grand Bay ...	20	—	—	—	—
	Mon Choix	700	2·06	52·3	5·18	7
	Mon Loisir (Lagesse) ...	—	3·21	81·5	5·93	8
	Mon Loisir (Rouillard) ...	—	—	—	—	—
	Mon Tracas (Audibert) ...	—	—	—	—	—
	Petit Raffray, (Mapou) ...	—	—	—	—	—
	Poudre d'Or, ...	20	1·78	45·2	4·22	6
	Ravensworth	—	3·50	88·9	—	7
	Schœnfeld	—	—	—	—	—
	Saint Antoine	50	1·55	39·4	4·41	7
Flacq ...	Australia, Pont Praslin ...	—	6·26	159·0	—	12
	Beau Bois, St. Julien ...	—	2·90	73·7	—	6
	Beau Champ G.R.S.E. ..	20	4·58	116·3	5·79	10
	Bel Etang	—	4·05	102·9	—	11
	Belle Mare, Argy ...	—	—	—	—	—
	Belle Rive	400	6·04	153·4	14·83	10
	Belle Vue (Allendy) ..	—	2·75	69·9	7·62	8
	Bois Clair	—	—	—	—	—
	Brisée Verdière ...	—	-	—	—	—
	Camp de Masque ...	—	—	—	-	—
	Caroline, Bel Air ..	—	—	—	—	—
	Castel Estate, Bel Air ...	—	--	—	—	—
	Clémencia	—	—	—	—	—
	Constance La Gaieté ...	100	1·32	33·5	5·93	7
	Deep River	—	5·27	133·9	—	11
	Etoile	—	4·51	114·6	—	10
	Govt. School, Central Flacq	—	0·92	23·4	—	11
	Govt. School, G.R.S E. ...	—	6·15	156·2	—	9
	Grande Retraite ...	—	1·00	25·4	—	2
	Grosse Roche ...	—	—	—	—	—
	La Lucie, Bel Air ...	—	—	—	—	—
	Melrose, Montagne Blanche	—	—	—	—	—
	Olivia	400	5·80	147·3	10·30	11
	Palmar	—	3·71	92·8	—	11
	Petite Etoile, Bel Air ...	—	—	—	—	—
	Petite Victoria... ...	—	—	—	—	—
	Queen Victoria ..	—	3·80	96·5	—	9
	Rich Fund, St. Julien ...	—	3·55	90·2	—	9
	Terres Franches ...	—	5·27	133·9	—	11
	Terres Rocheuses ...	—	4·26	108·2	—	6
	Rivière Sèche ...	—	4·05	102·9	—	6
	Ruisseau Rose ...	—	—	—	—	—
	Sans Souci	900	3·88	98·6	13·53	10
	Sébastopol	—	—	—	—	—
	Trois Ilots	—	5·62	142·7	13·65	12
	Union Regnard S. E. ...	600	4·98	126·5	7·66	10
	Unité	—	—	—	—	—
	Bon Accueil	—	2·90	73·7	—	6
	Beau Rivage	—	3·88	98·6	—	8
G. Port .	Anse Jonché	—	4·19	106·4	—	11
	Astroea, Cluny ...	—	4·94	125·4	—	9
	Beau Lieu, Union Park ...	—	—	—	—	—
	Beau Vallon (La Cour) ...	—	1·83	46·5	—	5
	,, (Partie Haute) ...	—	-	—	—	—
	Deux Bras	—	5·62	142·7	—	11
	Eau Bleu, Cluny ...	—	—	—	..	—
	Ferney	20	2·85	72·4	9·45	8
	Grand Bois, Rose Bell ...	—	—	—	—	—
	Gungah Frères, New Grove	—	—	—	—	—
	Khoratty, Escalier ...	—	—	—	—	—
	La Vallée, Cluny ...	—	—	—	—	—
	Le Vallon	—	—	-	—	—
	Mare d'Albert ...	—	—	—	—	—
	Mon Désert Carié ...	75	2·82	71·6	7·10	7
	Mon Trésor	—	3·73	94·7	—	10
	New Grove	650	9·50	241·3	—	14
	Plaisance Airfield ...	160	3·63	92·2	—	17
	Riche-en-Eau	—	4·03	102·4	—	9
	Rose Belle	850	5·31	134·9	14·93	19
	Sauve Terre	—	2·58	65·5	—	8
	Savinia	—	2·75	69·9	—	6
	Ste. Hélène	—	2·29	58·2	—	8
	St. Hubert, Cluny ...	—	5·25	133·4	—	10
	Ste. Madeleine, Cluny ...	—	—	—	—	—
	Union Park	—	—	—	—	—
	Union Vale	—	3·25	82·6	—	10
	La Baraque	—	3·08	78·2	—	7
Savanne	Baie du Cap	—	—	—	—	—
	Beau Bois	—	4·81	122·2	—	11
	Beau Champ B. du Cap ...	70	1·45	36·8	5·83	4

Table XV contd.—Total Monthly Rainfall at Various Stations in Mauritius according to Districts, May, 1950

Districts	Stations	Approximate Altitude in feet	Total fall in Inches	Total fall in mms.	Normal in Inches	Number of days
Savanne	Beau Climat	—	6·15	156·2	—	12
	Bel Air, Montocchio ...	—	—	—	—	—
	Bel Air, St. Félix ...	—	3·05	77·5	6·74	6
	Bel Air, Ch. Grenier ...	—	—	—	—	—
	Bel Ombre	40	1·43	36·3	6·16	8
	Bènarès	—	3·07	78·0	—	10
	Bois Chèri Tea Factory ...	—	5·25	133·4	-	16
	Britannia ...	700	4·46	113·3	10·55	12
	Camp Diable	—	—	—	—	—
	Cascades	—	—	—	—	—
	Chamouny, Chemin Grenier	—	—	—	—	—
	Choisy, Baie du Cap ...	200	1·48	37 6	7·11	13
	Colmar ...	400	4·44	112·8	8·30	11
	Combo	—	4·78	121·4	—	9
	Fontenelle	320	3·70	94·0	7·24	8
	Frédérica	—	2·42	61·5	6·84	8
	Joli Bois, Rivière Dragon...	—	—	—	—	-
	La Flora ...	1,050	5·95	151·1	14 06	13
	Luchon	—	—	—	—	—
	Martinière, Souillac ...	—	—	—	—	—
	Plaines Longanes ...	—	—	—	—	—
	Riche Bois	650	2·91	73·9	8·92	10
	Ruxa, R. des Anguilles ...	—	3·17	80·5	—	6
	Savannah	200	3·08	78·2	7·87	9
	Saint Aubin	300	4·84	122·9	6·75	8
	Saint Avold	900	3·89	98·8	11·59	14
	Saint Félix	—	3·44	87·4	—	6
	Sainte Marie	—	—	—	—	—
	Terracine	—	3·90	99·1	—	8
	Tivoli	1,300	5.09	129·3	13·67	14
	Union Sugar Estate	—	3·66	93·0	7·17	7
	Vale Riche	—	2·72	69·1	—	4
	R. des Anguilles, S E. ...	—	3·64	92·5	—	8
Plaines Wilhems	Aerological Station, Vacoas	1,393	3·52	89·5	7·75	13
	Bagatelle	1,250	2·47	62·7	5·31	4
	Barkly, Beau Bassin ...	—	1·80	45·6	—	5
	Bassin, Quatre Bornes ...	—	2·77	70·4	4·80	6
	Belle Vue (Martin) ...	—	—	—	—	—
	Chebel	—	1·37	34·8	—	4
	Clermont. Petite Rivière ...	—	—	—	—	—
	Curepipe Gardens ...	1,840	3·93	99·8	9 58	10
	Ebène ...	—	1·96	49·8	-	5
	Floréal	—	—	—	—	—
	Gros Cailloux, Pte. Rivière	—	1·58	40·1	—	3
	Henrietta	—	2·28	57·9	—	8
	Highlands	1,000	3.32	84·3	6·11	6
	Crown Land Wootton ...	—	2·97	75·4	—	15
	La Marie Filter Beds ...	1,700	2·72	69·1	8·48	11
	Les Rosiers, Pte. Rivière ...	-	1·87	47·5	—	2
	Malgré Tout, Pte. Rivière	—	—	—	—	—
Plaines Wilhems	Moon	—	2·12	53·8	—	7
	Mare-aux-Vacoas (Arnaud)	1,830	4·45	113·0	12·74	17
	Mare-aux-Vacoas (G. End.)	1,850	3·61	91 7	13·23	14
	Midlands Dam ...	—	4·73	120·1	—	8
	Nouvelle France ...	—	—	—	—	-
	Parc-aux-Cerfs (Tea Plantations)	—	3·01	76·5	—	15
	Pétrin	—	4·62	117·3	—	12
	Phœnix	—	2·88	73·2	—	3
	Quatre Bornes... ...	1,090	2·27	57·7	—	5
	Réunion	1,420	3·38	85·9	6·46	7
	Roches Brunes, B Bassin	—	—	—	—	-
	Royal College, Curepipe ...	—	—	—	—	—
	Tamarin-Falls ..	—	2·34	59·4	—	6
	Trianon	950	2·46	62·5	400	5
	Mare Longue	—	3 27	83·1	—	11
Moka ...	Alma	1,460	2·82	71·6	10.15	7
	Béga	—	1·47	37·3	—	5
	Beau Bois (Moka) ...	—	—	—	—	—
	Bonne Veine	400	5 56	141 2	10·27	8
	Chantenay, Moka ...	—	—	—	—	—
	Circonstance	—	—	—	—	—
	Côte D'Or	—	2·15	54·6	—	3
	Helvetia	-	—	—	—	—
	Hermitage	1,450	2·72	69·1	9·65	4
	Le Réduit	1,000	2·96	75·2	3·60	10
	Minissy	1,150	2·72	69·1	5·30	6
	Mon Désert		3 49	88·6	—	6
	Mon Ida, Q. Militaire ...	—	—			
	Mont Pévril	—	3·40	86·4	—	6
	Mon Rêve	—	2·69	68·3	—	6
	Réduit Ltd , Moka ...	—	—	—	—	—
	Ripailles, St. Pierre ...	—	—	—	—	—
	Piton du Milieu Reservoir...	—	3·77	95·8	—	16
	Flat Island	—	1·21	30·6	—	
Rodrigues	Oyster Bay	—	5·94	150·9	—	16
	Point Venus	—	7·07	179·6	—	22
	Solitude	—	7·52	191·0	—	26
Chagos	Diégo Garcia, Met. Station	—	3·81	96·7	—	12
Archipelago	Péros Banhos	—	1 05	26 7	—	1
	Salomon Islands (Boddam)	—	5·40	137·2	—	6
Cargados Caragos	St. Brandon	—	1·89	47·9	—	16
Agalega	Met. Station	—	1·11	28·2	—	15

Table XVI.—Observations of Pilot Ballons, month of May, 1950

Date	Time	1,000 feet		3,000 feet		5,000 feet		7,000 feet		10,000 feet		13,000 feet		15,000 feet		17,000 feet		20,000 feet		25,000 feet		30,000 feet	
		Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.
1	08.01	10	19	07	16	07	19	08	22	..	..	...	...	...	...	...	...	...	...	...	...	...	...
2	08.55	09	30	08	29	08	26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	08.54	10	12	09	13	08	10	06	01	02	17	...	...	...	..	...	...	...	...	...	...	...	...
4	08.41	11	09	12	14	14	10	13	09	06	03	...	...	...	...	...	...	...	...	...	...	...	...
5	08.45	12	13	11	20	11	05	10	15	24	06	26	07	20	09	21	10	...	...	...	...	...	...
6	08.45	13	14	08	13	12	13	12	08	14	09	23	01	18	11	...	...	...	...	...	...	...	...
7	08.33	11	07	08	09	08	10	05	09	07	06	35	10	01	09	...	...	...	...	...	...	...	...
8	08.38	12	23	12	22	23	04	35	01	36	09	32	19	32	18	31	18	28	14	...	..	...	...
9	08.14	24	07	24	04	34	07	35	07	31	08	27	06	...	...	...	...	...	...	...	...	...	...
10	08.44	17	10	23	04	12	08	23	05	27	12	...	...	...	...	...	...	...	..	...	..	...	...
11	08.50	21	05	21	16	23	14	26	18	28	18	28	22	27	20	28	17	28	16	...	..	...	...
12	08.35	20	11	19	13	21	16	22	18	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	09.30	22	07	21	13	23	18	24	19	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	09.04	19	14	20	11	22	14	23	10	24	17	24	14	25	12	...	...	...	...	...	...	...	...
15	08.50	17	08	21	05	19	05	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	08.40	13	12	13	03	26	06	25	03	02	01	...	...	...	...	...	...	...	...	...	...	...	...
17	08.40	10	07	09	08	13	09	13	02	34	05	...	...	...	...	...	...	...	..	...	...	...	...
18	08.53	15	09	10	06	29	04	26	10	32	08	30	15	30	19	29	26	29	13	...	...	...	...
19	08.35	15	10	12	03	21	06	26	08	28	07	29	10	28	10	29	22	29	42	...	...	...	...
20	08.35	10	08	05	02	29	10	29	18	30	22	30	30	...	...	...	...	...	...	...	...	...	...
21	08.20	36	14	33	16	33	26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	08.36	25	21	27	26	30	30	31	30	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	10.10	22	12	22	18	22	17	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	08.55	15	27	16	12	17	21	16	17	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	09.05	13	12	10	09	10	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	08.34	21	11	26	11	28	04	18	13	25	14	...	...	...	...	...	...	...	...	...	...	...	...
27	08.50	18	10	20	14	21	09	21	12	21	18	22	21	...	...	...	..	...	...	...	...	...	...
28	08.45	15	12	12	15	13	13	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	08.35	13	16	10	19	11	20	10	09	08	14	...	...	...	...	...	...	...	...	...	...	...	...
30	08.44	13	11	11	14	13	10	13	04	17	09	23	05	26	24	29	19	...	...	...	...	...	...
31	08.35	13	24	13	26	05	07	02	09	12	05	27	02	34	11	28	38	...	...	...	...	...	...

COLONY OF MAURITIUS

Royal Alfred Observatory, Mauritius

(LATITUDE 20° 5′ 39″ S.—LONGITUDE 3h 50m 12s·6 E.)

RESULTS

OF

Magnetical and Meteorological Observations

FOR THE MONTH OF

JUNE, 1950

N. R. McCURDY, B.Sc.
Director.

Published by Authority of His Excellency the Governor

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WEATHER BUREAU

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Table I.—Results of Magnetical Observations taken during the month of June, 1950

Month and Day	Mean: Declination (West)	Mean: Horizontal Force (C.G.S. Units)	Mean: Vertical Force (C.G.S. Units)	Daily Range: Declination	Daily Range: Horizontal Force (Unit 1 γ)	Daily Range: Vertical Force (Unit 1 γ)
June	° ′			′		
1	15 39·1	.22346	.30401	3·8	61	31
2	38·5	329	399	7·2	50	33
3	38·6	327	400	5·4	57	24
4	39·0	330	401	5·2	37	27
5	38·9	335	399	4·6	48	22
6	38 8	319	405	7·0	83	18
7	39·0	320	401	5·6	50	23
8	39·6	330	400	5·2	24	22
9	40·0	319	401	6.2	67	24
10	39·9	319	404	6·6	47	23
11	39·9	322	401	6·8	26	25
12	39·8	321	400	5·0	24	31
13	39·7	334	398	4·6	36	22
14	40·0	343	392	6·0	38	49
15	40·6	351	394	5 8	43	18
16	39·7	348	393	5·4	20	26
17	40 4	330	392	7·4	50	24
18	40·0	323	392	5·8	34	28
19	40 5	322	394	5·4	20	30
20	40·1	325	388	8·0	14	27
21	40·3	330	393	5 4	23	20
22	39·9	331	390	5·2	59	28
23	40·0	330	391	4·8	41	24
24	40·1	294	399	5·8	56	17
25	40 4	312	395	4·6	60	32
26	40·4	316	395	4·2	46	32
27	40·6	328	394	4·4	45	23
28	40·0	328	391	5·0	41	22
29	41·1	341	391	3·6	109	36
30	40·9	289	403	10·6	55	19
	—	—	—	—	—	—
	° ′			′		
Mean	15 39·86	·22327	·30397	5·69	45·5	26·0

Magnetic Disturbances—June. 1950

1d Slightly disturbed.
2d. Moderately disturbed.
6d. Moderately disturbed.
9d Moderately disturbed.
12d. Slightly disturbed.
17d. Slightly disturbed.
23d. Slightly disturbed.
24d. Moderately disturbed.
25d. Moderately disturbed.
26d. Slightly disturbed.
29d. Moderately disturbed.
30d. Moderately disturbed.

T= ·37716 : Mean Dip= 53°42′·13 X= ·21498 : Y= −·060281 : Z= ·30397

Table II.—Results of Absolute Determinations of the Magnetic Elements made during the month of June, 1950

Declination (West)		Horizontal Force		Dip (South)		Resulting Vertical Force
Day and Hour	Observed Value	Day and Hour	Observed Value	Day and Hour	Observed Value	
d h m	° ′	d h m		d h m	° ′	
6 10 40	15 39·75	2 9 45	·22339	6 10 50	53 41·50	.30397
13 10 25	15 41·87	6 10 15	·22360	13 10 15	53 42·25	.30395
20 11 20	15 42·25	13 10 50	·22347	20 11 30	53 42·13	.30391
27 10 50	15 41·75	20 10 55	·22325	27 10 40	53 41·75	.30400
		27 11 15	·22349			

Table III—Magnetic Declination West at every Hour of the Day as deduced from the Photographic Records

JUNE 1950

15° +

Day / Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Day / Hour
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	
Midnight	39·2	39·0	39·0	39·4	38·8	39·6	39·7	39·2	41·8	42·0	41·9	40·0	40·0	40·0	41·2	40·4	Midnight
1h	39·4	39·2	39·2	39·2	38·4	39·0	39·2	39·0	40·4	40·0	41·0	40·2	39·2	40·0	41·2	40·4	1h
2	38·0	39·4	37·6	39·4	38·4	39·0	39·0	38·8	39·4	40·0	41·2	40·2	39·4	40·0	41·0	40·6	2
3	38·2	37·8	38·0	39·6	38·0	38·8	38·0	38·0	39·6	39·8	41·0	39·7	39·6	40·0	41·0	40·2	3
4	38·4	38·0	38·4	39·7	39·3	38·2	38·0	37·8	40·0	40·2	40·8	38·0	39·8	40·2	41·2	40·0	4
5	38·6	38·2	39·0	39·8	39·0	37·6	38·2	38·3	40·2	40·0	40·0	39·4	39·7	40·4	41·0	40·0	5
6	38·8	39·0	39·2	39·4	39·2	36·2	38·0	38·0	40·1	37·0	39·2	40·0	39·2	40·2	40·4	39·7	6
7	37·0	34·8	36·2	38·0	38·0	35·2	37·8	37·0	38·4	36·0	39·4	39·2	38·4	39·6	39·4	39·0	7
8	38·0	36·0	38·0	37·0	39·0	36·8	38·8	38·4	38·2	37·0	40·2	40·2	39·2	39·8	38·6	38·8	8
9	39·0	37·0	40·0	39·0	40·0	36·6	40·0	40·0	39·2	39·0	41·0	41·8	40·2	40·6	40·0	40·2	9
10	40·4	40·8	41·6	40·4	40·6	38·4	41·4	42·0	39·4	40·2	42·8	42·0	41·8	42·0	42·0	42·0	10
11	40·6	42·0	41·2	41·2	40·2	40·0	41·6	42·2	39·6	40·0	41·6	41·6	42·0	41·8	43·6	42·4	11
Noon	40·8	40·6	40·0	40·0	39·7	39·8	42·0	41·0	39·2	40·4	40·0	40·0	41·2	41·6	44·0	41·0	Noon
13h	40·2	40·0	38·0	39·4	38·8	37·6	41·0	40·0	38·2	40·0	38·4	38·0	40·0	40·0	41·6	38·0	13h
14	39·6	38·0	36·4	37·2	37·0	37·2	38·2	38·2	37·0	37·2	37·0	37·0	38·0	38·0	39·0	37·0	14
15	38·0	36·4	36·2	36·0	36·0	37·0	37·2	37·4	36·6	37·8	36·0	37·2	37·4	36·0	38·2	37·0	15
16	37·2	36·0	36·4	37·0	36·2	38·0	36·4	38·0	38·4	38·4	37·2	38·0	38·0	37·0	39·0	38·0	16
17	38·0	37·6	37·0	38·0	37·2	40·0	37·4	39·0	40·0	40·4	38·4	39·6	39·2	39·2	40·0	38·8	17
18	39·0	38·2	38·6	39·0	39·4	40·8	38·8	40·4	42·0	41·4	40·0	40·6	39·9	40·0	40·2	39·4	18
19	39·2	39·0	39·0	39·2	40·0	41·0	39·0	41·0	42·1	42·4	40·0	40·8	40·4	40·2	40·4	39·2	19
20	40·0	39·2	39·2	40·0	40·4	42·0	39·2	41·2	42·4	42·6	40·2	41·2	40·2	40·4	40·6	39·8	20
21	40·0	39·4	39·0	39·7	40·2	42·2	39·2	42·0	42·6	42·3	40·4	41·4	40·2	40·8	40·2	40·0	21
22	40·0	39·0	39·2	39·2	40·0	41·0	39·4	42·0	42·8	42·2	40·2	40·2	40·0	40·6	40·0	40·0	22
23	40·0	39·2	39·4	39·0	40·0	40·4	39·2	41·4	42·4	42·0	40·0	40·0	40·0	40·8	40·2	40·2	23

JUNE 1950—*continued*

15° +

Day / Hour	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.	Day / Hour
	′		′	′	′	′	′	′	′	′	′	′	′	′	′	′	
Midnight	40·0	40·0	40·2	40·4	40·0	40·2	40·2	42·6	40·4	41·2	41·0	41·1	40·0	44·0	—	40·4	Midnight
1h	40·2	40·2	40·0	40·2	39·8	40·4	40·0	40·0	40·2	41·4	41·0	41·0	40·0	43·6	—	40·1	1h
2	40·4	40·0	40·0	40·4	39·2	40·0	40·0	39·6	40·0	41·0	40·8	40·8	40·4	44·4	—	40·0	2
3	40·2	40·6	40·4	40·6	39·6	40·0	39·8	40·0	39·7	40·4	40·6	40·6	40·6	43·8	—	39·8	3
4	40·4	40·4	40·6	40·8	40·0	39·7	39·4	39·0	40·0	39·6	40·8	40·4	40·8	44·0	—	39·8	4
5	40·6	40·8	41·0	41·0	40·0	39·4	39·6	39·2	39·2	39·4	41·0	40·2	40·6	40·0	—	39·7	5
6	41·0	40·2	40·8	40·8	40·0	39·6	39·8	37·6	39·6	39·2	40·4	40·0	40·4	39·0	—	39·4	6
7	41·4	39·0	40·2	41·0	40·2	39·0	38·0	37·8	38·4	38·0	39·4	39·0	40·0	35·0		38·3	7
8	42·0	39·8	40·4	41·6	40·8	39·2	38·2	38·8	38·2	38·2	40·0	39·2	40·0	33·8	—	38·8	8
9	44·0	41·0	41·2	42·4	42·0	40·0	40·0	38·0	39·6	39·4	40·4	39·6	40·8	35·0	—	39·9	9
10	44·4	42·0	43·0	43·6	43·4	42·0	42·0	37·0	41·0	40·8	42·0	40·8	41·4	38·0	—	41·3	10
11	42·0	42·2	42·6	43·0	43·0	42·2	42·4	39·0	40·8	41·0	41·8	40·0	42·0	40·0	—	41·5	11
Noon	41·0	41·4	41·6	40·8	41·2	40·0	41·0	40·0	41·0	41·4	42·0	39·0	42·6	41·0	—	40·9	Noon
13h	40·2	40·0	40·0	38·0	40·0	37·8	40·0	39·0	40·2	40·0	40·0	38·0	42·0	42·0	—	39·6	13h
14	38·6	38·0	39·0	36·0	38·0	37·0	39·6	39·2	39·4	38·8	38·6	37·4	40·8	41·8	—	38·1	14
15	37·0	36·4	37·6	35·6	38·2	37·2	37·6	39·6	39·0	38·0	37·6	37·0	39·0	41·2	—	37·4	15
16	37·2	37·6	38·6	36·8	38·4	38·0	38·0	40·0	40·0	39·0	38·6	37·6	39·2	41·0	—	38·0	16
17	39·4	38·8	40·0	38·4	39·4	40·0	39·8	42·0	40·8	40·8	39·8	39·6	40·0	41·6	—	39·3	17
18	39·6	40·0	40·4	40·0	40·4	41·0	40·4	42·2	42·0	42·0	41·2	41·8	41·8	42·0	—	40·4	18
19	40·0	40·2	40·8	40·2	40·8	41·2	40·6	42·0	42·4	42·0	42·0	42·0	42·0	42·0	—	40·7	19
20	40·0	40·4	41·0	40·4	40·6	41·4	41·0	42·8	42·8	42·2	42·0	42·0	42·0	42·0	—	41·0	20
21	40·0	40·6	41·0	40·6	40·4	41·2	41·2	42·0	42·0	42·0	41·8	41·2	42·4	41·8	—	40·9	21
22	40·0	40·2	40·8	40·2	40·6	41·0	40·8	41·8	41·8	41·8	41·6	41·0	44·0	42·0	—	40·8	22
23	40·0	40·0	40·6	40·2	40·4	40·4	40·4	42·0	41·8	41·6	42	41·0	42·6	42·2	—	40·6	23

Table IV.—Magnetic Horizontal Force at every Hour of the Day as deduced from the Photographic Records

(The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber)

JUNE 1950

+ ·22000 (C.G.S. UNIT)

Day / Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Day / Hour
Midnight	343	327	316	319	328	322	298	320	324	309	304	320	313	330	330	346	Midnight
1	347	335	320	312	329	329	302	323	322	315	323	321	325	333	331	348	1
2	367	332	338	312	330	330	300	324	325	310	320	320	326	335	333	349	2
3	360	340	336	318	337	335	303	327	320	323	321	321	327	337	337	350	3
4	362	350	332	323	338	340	313	333	323	326	320	329	329	340	338	351	4
5	367	349	335	328	345	354	315	332	332	330	320	331	330	341	345	352	5
6	363	338	331	330	349	353	321	338	334	342	330	329	332	343	349	354	6
7	369	354	334	340	359	350	335	342	340	349	327	331	337	351	355	357	7
8	370	350	340	352	368	349	344	344	338	340	331	330	342	353	364	356	8
9	369	342	341	349	357	365	348	343	340	332	337	328	349	351	367	350	9
10	368	337	339	347	343	363	345	342	342	337	331	330	349	357	363	348	10
11	367	330	338	344	339	350	342	341	350	335	327	324	344	368	364	350	11
Noon	362	328	350	342	336	331	339	344	351	322	328	318	341	358	368	352	Noon
13	354	322	354	343	332	325	332	340	337	325	329	325	343	353	373	360	13
14	340	323	350	347	331	314	324	330	319	328	328	323	352	348	371	357	14
15	337	324	330	340	326	305	307	323	300	302	320	318	342	347	360	348	15
16	329	323	300	332	320	294	306	325	285	304	317	307	331	340	351	340	16
17	320	321	318	330	321	280	307	324	283	303	319	310	324	341	343	341	17
18	320	320	317	323	325	278	311	326	298	310	320	318	323	340	343	343	18
19	309	319	308	312	322	285	314	322	303	307	321	313	327	334	347	347	19
20	315	313	320	318	323	271	317	323	302	302	320	314	329	333	345	346	20
21	321	300	301	319	324	280	322	321	298	303	314	312	330	335	343	342	21
22	328	304	297	322	321	279	321	320	297	307	312	311	331	336	344	338	22
23	327	317	300	324	325	280	321	320	302	305	317	310	331	337	347	337	23

JUNE 1950—*continued*

+ ·22000 (C.G.S. UNIT)

Day / Hour	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.	Day / Hour
Midnight	338	305	318	323	322	318	319	290	291	300	310	319	330	254	—	316	Midnight
1h	342	311	319	326	327	311	321	302	307	310	313	322	331	262	—	321	1h
2	343	314	320	327	328	310	318	297	309	311	316	323	337	270	—	322	2
3	344	315	321	329	330	310	324	280	311	308	318	328	336	272	—	324	3
4	341	320	322	330	331	316	331	288	310	317	320	337	340	275	—	328	4
5	337	322	325	332	331	322	330	290	312	315	323	335	343	290	—	330	5
6	338	327	323	334	333	323	331	301	321	313	327	338	346	298	—	333	6
7	343	330	324	333	336	333	335	300	327	321	334	343	352	299	—	338	7
8	340	332	327	330	338	347	347	319	332	334	339	347	358	310	—	342	8
9	337	339	326	328	337	360	351	310	338	335	340	349	360	304	—	343	9
10	331	338	322	327	338	369	350	322	343	332	342	354	358	305	—	342	10
11	343	342	325	323	339	358	349	325	351	343	348	360	359	309	—	343	11
Noon	352	339	332	320	341	359	346	313	333	342	351	360	360	310	—	341	Noon
13	343	337	328	322	343	350	340	300	310	338	355	352	368	300	—	338	13h
14	334	328	323	323	333	338	333	302	302	322	347	341	369	290	—	332	14
15	320	320	317	324	324	330	332	287	300	310	330	342	377	289	—	324	15
16	321	317	312	321	320	327	331	269	298	297	320	338	371	288	—	318	16
17	321	316	315	320	321	329	327	275	288	299	323	333	368	289	—	317	17
18	320	314	320	323	323	330	325	280	291	303	326	332	350	287	—	318	18
19	312	316	321	320	329	317	323	277	301	307	321	333	332	278	—	316	19
20	308	315	322	321	328	318	317	276	302	308	322	332	304	272	—	315	20
21	302	314	323	324	323	320	311	278	300	307	321	331	276	290	—	313	21
22	303	315	320	327	318	323	326	282	304	309	313	330	280	289	—	314	22
23	301	317	323	322	319	320	310	290	307	310	318	329	268	297	—	314	23

Table V.—Magnetic Vertical Force at every Hour of the Day as deduced from the Photographic Records

(The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber)

JUNE 1950

+ ·30000 (C.G S. UNIT)

Day / Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Day / Hour
Midnight	406	404	407	405	408	406	411	403	402	406	405	401	401	398	397	397	Midnight
1h	405	403	406	407	405	406	408	402	400	406	404	401	400	397	395	396	1h
2	403	402	403	406	401	404	409	402	400	408	402	402	399	397	394	394	2
3	400	400	398	406	403	404	408	402	402	405	403	402	399	397	395	391	3
4	401	400	400	405	402	401	406	402	403	407	403	403	399	397	394	392	4
5	402	398	401	403	401	400	406	402	402	407	404	403	400	398	395	394	5
6	402	400	400	402	400	399	405	401	402	403	405	406	400	399	396	394	6
7	402	396	400	400	396	397	400	400	399	400	403	405	400	397	394	393	7
8	403	397	402	398	396	401	399	401	399	401	406	407	401	397	395	397	8
9	408	400	405	402	390	409	400	409	403	406	410	411	403	405	398	402	9
10	413	408	404	409	399	406	406	412	400	412	408	409	405	409	398	404	10
11	408	401	400	410	397	407	406	404	399	411	402	400	400	402	396	400	11
Noon	402	398	394	401	395	408	402	398	390	405	397	390	394	390	393	390	Noon
13h	392	390	389	392	390	400	393	391	387	400	391	389	388	370	389	382	13h
14	385	380	387	398	386	398	389	389	388	391	387	383	383	360	382	378	14
15	382	379	389	383	387	399	388	390	392	389	385	380	384	363	381	378	15
16	382	384	390	387	390	400	390	392	397	393	390	386	387	373	386	383	16
17	390	393	397	393	397	407	395	395	404	401	400	397	395	387	393	389	17
18	400	401	400	398	401	413	400	401	411	409	403	403	401	393	398	394	18
19	407	404	402	400	402	410	402	402	409	408	404	403	402	396	399	394	19
20	410	406	409	405	404	409	403	402	409	409	404	404	402	397	399	396	20
21	411	409	409	404	405	415	404	401	408	408	403	403	401	397	399	397	21
22	410	412	411	406	405	412	403	400	409	409	403	403	400	398	399	399	22
23	409	408	410	407	406	412	403	400	408	408	403	403	400	398	398	394	23

JUNE 1950—*continued*

+ ·30000 (C.G.S. UNIT)

Day / Hour	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.	Day / Hour
Midnight	394	400	397	396	393	397	395	398	402	399	397	396	393	410	—	401	Midnight
1h	393	398	396	395	394	397	395	393	400	399	396	395	392	410	—	400	1h
2	392	397	394	394	393	397	395	394	400	398	396	395	391	409	—	399	2
3	390	397	394	393	393	397	395	395	400	399	396	395	391	409	—	399	3
4	390	395	394	392	392	396	395	397	400	398	397	394	393	407	—	398	4
5	391	394	393	391	392	395	394	398	400	398	397	395	393	401	—	398	5
6	393	396	393	391	391	394	393	398	400	398	397	396	393	401	—	398	6
7	391	393	393	390	390	390	391	393	396	397	396	393	393	397	—	396	7
8	394	397	396	392	392	389	390	393	393	397	397	391	393	396	—	397	8
9	401	400	400	395	396	390	395	393	396	400	401	395	395	401	—	401	9
10	400	400	409	394	400	391	399	397	395	402	399	395	396	411	—	403	10
11	400	392	408	392	402	390	399	405	394	397	397	391	393	410	—	400	11
Noon	398	382	407	386	398	385	390	398	393	390	390	389	390	403	—	395	Noon
13h	386	379	396	376	387	371	380	395	388	380	380	380	379	398	—	387	13h
14	387	374	386	369	382	369	376	392	378	370	378	378	375	393	—	382	14
15	381	372	381	370	384	376	375	391	370	373	379	374	372	392	—	381	15
16	377	377	379	373	389	385	380	399	379	383	384	378	375	393	—	385	16
17	379	387	385	382	390	390	386	408	391	395	394	389	383	394	—	393	17
18	388	393	390	389	395	393	390	407	400	400	400	395	390	400	—	399	18
19	393	395	393	391	395	393	391	406	401	400	400	396	394	403	—	400	19
20	395	395	394	393	396	394	392	405	401	401	400	396	397	408	—	401	20
21	397	396	395	393	396	394	394	405	401	400	398	395	401	408	—	402	21
22	401	397	396	393	397	394	393	403	401	399	398	395	408	407	—	402	22
23	400	396	397	393	397	394	393	403	400	398	397	394	408	408	—	402	23

Table VI.—Results of Meteorological Observations made at the Aerological Station, Vacoas (424.5 metres above mean sea-level) during the Month of June, 1950

Month and days 1950	Observations at 10 a.m.									Temperature of the Air							Rainfall			
	Atmospheric Pressure	Temperature of the Air	Excess of Air Temperature over Evaporation Temperature	Temperature of the Dew Point	Relative Humidity (Sat 100)	Vapour Pressure	Wind Direction	Wind Velocity	Amount of Cloud (Scale 0—8)	3 h	9 h	15 h	21 h	Daily Maximum	Daily Minimum	Daily Range	Amount recorded by the Casella Pluviograph	Duration	Duration of Bright Sunshine	Percentage of Possible Sunshine
JUNE	mbs.	°C	°C	°C	%	mbs.	°	mps.		°C	°C	°C	°C	°C	°C	°C	mms.	mins.	hrs.	%
1	972·7	21·1	4·2	13·9	64	15·9	100	8·1	4	16·9	20·3	22·1	18·1	22·7	17·1	5·6	1·0	25	10·7	97
2	973·9	20·2	2·8	15·5	74	17·6	135	5·4	6	17·7	19·6	20.8	17·0	21·7	17·0	4·7	2·1	40	8·7	79
3	970·6	20·5	3·2	15·1	71	17·2	150	4·5	5	15·2	20·4	19·9	16·3	21·9	15·2	6·7	4·8	105	7·6	70
4	969·9	18·6	3·2	12·9	70	14·9	150	2·7	7	15·4	16·5	18·0	15·5	20·5	15·3	5·2	0·6	10	2·7	25
5	971·1	18·0	1·6	15·3	84	17·4	135	3·6	8	14·8	18·1	17·5	16·3	19·2	14·2	5·0	3·9	145	3·1	28
6	971·7	18·9	1·5	16·4	86	18·7	135	8·1	7	16·5	17·3	19·9	16·9	20·9	16·0	4·9	0·0	0	7·6	70
7	971·6	19·9	2·5	15·7	77	17·8	110	8·1	2	15·8	17·4	19·3	16·6	20·6	12·5	8·1	0·2	5	9·7	89
8	970·1	19·6	2·2	15·9	76	18·1	135	6·7	6	15·4	16·4	19·9	15·9	20·7	15·4	5·3	3·2	65	6·4	59
9	970·5	20·0	3.6	13·8	68	15·8	110	6·7	1	14·4	18·3	20·6	16·6	21·3	13·9	7·4	0·1	5	10·1	93
10	972·4	21·0	3·1	15·9	73	18·1	135	8·1	4	16·7	19·5	21·1	17·2	21·4	16·0	5·4	1·5	15	10·6	97
11	972·1	18·1	1·0	16·4	90	18·7	135	5·8	7	15·8	17·4	18·0	17·1	19·3	15·0	4·3	4·2	75	6·0	55
12	972·1	18·2	1·1	16·4	90	18·7	110	4·9	7	15·3	19·2	19·6	16·9	20·4	15·3	5·1	0·6	15	5·7	52
13	971·7	19·3	1·9	16·1	82	18·3	125	5·4	7	15·9	17·7	20·3	16·5	21·0	15·6	5·4	1·3	40	9·0	83
14	972·2	19·0	2·5	14·8	76	16·8	110	4·5	5	14·9	17·4	19·9	16·5	21·6	14·9	5·7	0·6	20	8·8	81
15	971·0	21·5	3·6	15·4	68	17·5	110	4·5	4	16·0	20·2	21·0	16·9	21·9	14·9	7·0	0·0	0	10·4	95
16	970·9	20·6	0·9	19·2	86	22·2	135	7·2	7	17·5	18·7	19·7	18·9	21·2	16·8	4·4	9·3	520	3·1	28
17	968·3	20·7	0·4	20·1	90	23·5	110	6·7	7	19·0	19·4	20·7	20·1	22·5	19·0	3·5	3·3	210	2·0	18
18	968·5	21·9	0·6	21·0	95	24·9	Calm	Calm	6	20·0	20·0	23·0	19·9	24·4	19·5	4·9	6·6	135	3·9	36
19	968·5	21·0	0·6	20·1	94	23·5	Calm	Calm	8	19·3	19·7	21·3	20·1	23·0	19·3	3·7	33·7	245	0·5	5
20	971·0	20·9	0·9	20·7	84	24·4	100	4·0	7	19·1	19·6	20·8	19·0	22·1	19·0	3·1	19·8	370	0·7	6
21	971·1	20·5	1·1	18·7	90	21·6	90	8·1	7	18·1	19·1	21·1	19·5	22·9	17·9	5·0	8·1	125	0·8	7
22	971·0	19·6	0·7	18.5	93	21·3	90	8·9	8	18·6	19·0	20·8	18·6	21·4	18·6	2·8	8·5	270	5·9	54
23	972·0	20·6	2·2	17·0	80	19·4	90	6·7	4	18·0	18·5	20·7	17·5	21·5	17·4	4·1	1·9	30	6·0	55
24	972·6	20·7	1·8	17·8	84	20·4	90	4·5	7	16·2	18·6	21·0	18·2	22·1	15·7	6·4	1·6	35	4·3	39
25	972·6	20·8	2·0	17·5	81	20·0	110	5·4	3	17·8	19·1	22·0	18·0	22·5	17·0	5·5	0·5	10	8·9	82
26	971·7	20·9	3·5	14·9	68	16·9	Calm	Calm	1	16·7	20·0	22·7	17·3	23·9	13·7	10·2	0·3	15	9·1	83
27	971·5	20·7	2·4	16·7	78	19·0	110	5·4	2	16·8	19·7	21·0	17·4	22·4	16·5	5·9	0·2	5	7·7	71
28	970·0	22·3	3.0	17·5	74	20·0	45	1·3	4	16·5	20·5	22·7	16·7	23·7	15·0	8·7	0·6	10	8·3	76
29	971·2	20·9	3·0	15·8	85	17·9	Calm	Calm	6	15·3	19·7	21·7	17·5	24·3	14·8	9·5	2·0	40	1·7	16
30	972·8	20·9	2·2	17·3	80	19·8	150	4·5	3	17·4	19·7	19·4	17·6	22·8	16·2	6·6	4·5	20	4·3	39
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mean ...	971·2	20·3	2·1	16·7	80·4	19·2	—	4·8	5·3	16·7	18·9	20·5	17·5	21·9	16·2	5·7	125.0	2605	6·14	56·3
Average	971·2	19·9	2·2	16·2	79·4	18·4	—	4·6	5·6	—	—	—	—	21·9	15·9	6·0	102·2	1673	7·06	64·7
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

Excess of Certain Elements at Pamplemousses over the Corresponding Elements at Vacoas

Atmospheric Pressure	+	41·9 mbs.	Amount of Rain	–	61·6 mms.
Temperature of the Air		—°C	Duration of Bright Sunshine	+	28·7 hrs
Vapour Pressure		—mbs	Mean of Maximum Temperatures	+	2·5 °C
Relative Humidity		—%	Mean of Minimum Temperatures	+	1·6 °C
Velocity of Wind	+	0·6 mps.	Absolute Maximum Temperature	+	2·4 °C
Account of Cloud			Absolute Minimum Temperature	+	2·1 °C

Table VII.—Daily Results of Meteorological Observations made during the month of June, 1950

Month and Day 1950	Atmospheric Pressure		Temperature of the Air					Excess of Air Temperature over Evaporation Temperature	Temperature of the Dew Point		Relative Humidity (Saturation = 100)		Vapour Pressure	Minimum on the Grass
	Mean	Excess above Average	Daily Maximum	Daily Minimum	Daily Range	Mean	Excess above Average		Mean	Excess above Average	Mean	Excess above Average		
JUNE	mbs.	mbs.	°C	°C	°C	C	°C	°C	°C	°C	%	%	mbs.	°C
1	1013·8	+ 2.9	24·9	19·3	5·6	21·9	+ 0·6	3·9	15·5	− 2·1	67	− 12	17·6	15·7
2	1014·0	+ 3·0	24·9	18·1	6·8	21·3	+ 0 1	3·7	15·1	− 2·4	67	− 12	17·2	13·5
3	1010·9	− 0·1	24·6	16·0	8·6	20 1	− 1·1	3·1	14·8	− 0·7	71	− 8	16·8	12·1
4	1010·5	− 0·7	24·3	17·9	6·4	20 9	− 0·2	4·5	13·1	− 4·3	61	− 18	15·1	13·8
5	1011·8	+ 0·5	22·4	15 3	7·1	18·6	− 2·4	0·4	18·0	+ 0·7	95	+ 17	20·6	11·5
6	1012·9	+ 1·5	23·6	18·6	5·0	20·9	− 0·1	3·3	15·5	− 1·6	71	− 8	17·6	15·0
7	1012·4	+ 0·9	23·8	16·4	7·4	19·9	− 1·0	2·7	15·4	− 1·6	75	− 3	17·5	12·5
8	1011·1	− 0·5	23·7	17·0	6·7	20·2	− 0·6	3·7	13·8	− 3·1	67	− 11	15·8	13·3
9	1011·5	− 0 2	23·2	15·3	7·9	19·0	− 1·8	3·4	13·1	− 3·8	68	− 10	15·1	11·8
10	1012·4	+ 0·6	24·3	17·7	6 6	20·8	+ 0·1	3·3	15·4	− 1·4	71	− 7	17·5	13·3
11	1013·2	+ 1·3	23·1	16 2	6·9	19·5	− 1·2	2·7	14·9	− 1·9	75	− 3	16·9	12·4
12	1012·7	+ 0·7	23·2	18·3	4·9	20·5	− 0·1	2·8	15·8	− 0·9	74	− 4	17·9	15·0
13	1012·5	+ 0·4	23·6	17·3	6·3	20·3	− 0·3	3·3	14·7	− 2·0	70	− 8	16·7	13·6
14	1012·7	+ 0·5	23·3	15·6	7·7	19·2	− 1·4	2·4	15·2	− 1·5	77	− 1	17·3	11·7
15	1011 6	− 0·7	24·1	14·6	9·5	19·2	− 1·3	2·5	15·1	− 1·5	76	− 2	17·2	11·0
16	1009·8	− 2·6	24·7	19·8	4·9	22·0	+ 1·5	1·5	19·7	+ 3·1	87	+ 9	23·0	15·7
17	1008·7	− 3·8	24·9	21·5	3·4	23·0	+ 2·6	1·7	20·5	+ 4·1	85	+ 7	24·1	15·9
18	1008·8	− 3 8	26·8	21·0	5.8	23·7	+ 3·3	1·4	21·6	+ 5·2	88	+ 10	25·8	16·9
19	1009·2	− 3·6	26·3	20·9	5·4	23 4	+ 3·1	1·0	21·9	+ 5·6	91	+ 13	26·3	19·0
20	1011·0	− 1·9	24·7	21 1	3·6	22·7	+ 2·4	1·1	21·1	+ 4·8	90	+ 12	25·0	20·4
21	1011·3	− 1·7	24·5	20·8	3·7	22·5	+ 2·2	1·8	19·7	+ 3·4	84	+ 6	23·0	19·5
22	1012·3	− 0·8	24·3	21·0	3·3	22·5	+ 2·3	2·5	18·6	+ 2·4	78	0	21·4	20·0
23	1013·3	+ 0·1	24·1	19·9	4·2	21·8	+ 1·6	2·8	17·3	+ 1·1	76	− 2	19·8	17·2
24	1013·9	+ 0·6	24·4	17·1	7·3	20·5	+ 0·3	1·7	17·7	+ 1·5	84	+ 6	20·3	13·0
25	1013·3	− 0·1	24·4	18·6	5·8	21·3	+ 1·1	2·1	17·9	+ 1·7	81	+ 4	20·5	13·8
26	1012·7	− 0·8	25·4	16·2	9 2	20·6	+ 0·5	1·6	18·0	+ 1·9	85	+ 8	20·6	11·6
27	1012·2	− 1·3	24·3	15·8	8·5	19·9	− 0·2	1·4	17·6	+ 1·5	87	+ 10	20·1	11·5
28	1010 6	− 3·0	25·5	15·3	10·2	20·2	+ 0·1	0·8	18·9	+ 2 8	92	+ 15	21·8	11·6
29	1012·0	− 1·6	24·8	14·9	9·9	19·6	− 0·5	1·1	17·8	+ 1·7	89	+ 12	20·4	11·3
30	1013·9	+ 0·2	24·6	15·4	9·2	19·8	− 0·3	1·1	18.0	+ 1·9	89	+ 12	20 6	11·4
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mean	1011·9	− 0·5	24·4	17·8	6·6	20·9	+ 0·3	2·3	17·1	+ 0·5	79·1	+ 1·1	19·6	14·2
Average	1012·4	—	24·4	17·0	7·4	20·6	—	2·4	16·6	—	78·0	—	18 8	13·4
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14

General Weather Conditions during the Month of June, 1950

The month was quite normal with a series of anticyclones moving eastwards about latitude 30°S. Between the 28th and 30th the trade winds were interrupted over Mauritius by an extra-tropical depression moving eastwards about latitude 40°S. which had a deep trough extending well northwards from its centre.

Rainfall was low in the first half of the month but in the third week large amounts brought the total for the month to above normal in all districts except the North where it was slightly below.

Table VII *contd.*—Daily Results of Meteorological Observations made during the month of June, 1950

Month and Day 1950	Rainfall: Amount recorded by the Dines Pluviograph	Rainfall: Duration	Amount of Evaporation	Duration of Bright Sunshine	Percentage of Possible Sunshine	Observed Wind Velocity: Mean	Observed Wind Velocity: Excess above Average	Temperature of the Soil: 10 Feet	Temperature of the Soil: 5 Feet	Temperature of the Soil: 2 Feet	Temperature of the Soil: 12 Inches
JUNE	mms.	mins.	mms.	hrs.	%	m.p.s.	m.p.s.	°C	°C	°C	°C
1	0·4	10	5·0	10·6	96	4·2	+ 1·0	25·5	25·2	23·5	23·5
2	0·7	70	3·1	9.1	83	3·0	− 0·3	25·5	25·1	23.5	23·7
3	0·1	5	2·7	8·2	74	2·9	− 0·4	25·5	25·3	23·5	23·6
4	0·2	15	3·6	5·4	49	2·8	− 0·5	25·5	25·2	23·5	23·7
5	5·0	195	3·9	3·1	28	2·9	− 0·4	25·5	25·0	23·5	23·6
6	0·0	—	2·2	7·4	68	4·2	+ 0·9	25·4	26·8	23·4	23·5
7	0·0	—	5·0	10·5	96	3·7	+ 0·4	25·4	25·1	23·4	23·5
8	0·0	—	3·0	7·5	69	3·6	+ 0·2	25·5	25·2	23·4	23·7
9	0·9	35	3·8	10·2	94	3·0	− 0·4	25·5	25·3	23·3	23·4
10	0·0	—	3·6	10·4	95	3.0	− 0.4	25·5	25·2	23·2	23.4
11	0·4	15	3·5	8·0	73	4·4	+ 1·0	25·4	25·1	23·2	23·1
12	0·2	10	3·5	8·8	81	4·4	+ 1·0	25·4	25·2	23·4	22·8
13	3·2	35	3·2	7·8	72	3·9	+ 0·5	25·4	25·0	23·4	23·0
14	1·6	40	3·8	7·9	72	3·7	+ 0·2	25·4	25·1	22·8	22·8
15	0·0	—	3·2	10·2	94	3·8	+ 0·3	25·4	25·2	22·8	22·8
16	0·0	—	3·0	9·1	83	4·4	+ 0·9	25·4	25·1	22·7	22·8
17	1·8	40	2·0	4 0	37	3·9	+ 0·4	25·4	25·0	22·7	23·3
18	2·1	100	2·4	6·6	61	2·2	− 1·3	25·3	24·9	22·9	23·7
19	14·0	165	3·1	2·7	25	2·1	− 1·5	25·3	24·8	23·0	24·1
20	13·6	235	1·2	0·8	7	3·5	− 0·1	25·2	24·4	23·1	24·4
21	2·7	85	1·5	0·6	5	4·8	+ 1·2	25·2	24·5	23·3	23·6
22	9·0	150	2·5	6·0	55	4·9	+ 1·3	25·2	24·4	23·3	24·2
23	2·6	50	2·9	7·9	72	3·7	+ 0·1	25·2	24·3	23·3	24·1
24	3·9	70	1·9	5·5	50	3·1	− 0·5	25·2	24·4	23·3	23·8
25	0·7	25	3·5	8·8	81	2·9	− 0·8	25·2	24·5	23·3	24·0
26	0 0	—	2·5	10·5	96	1·9	− 1·8	25·2	24·6	23·3	23·7
27	0·0	—	4·4	9.1	84	2·7	− 1.0	25·3	24·8	23·2	23·8
28	0·0	—	2·5	9·7	89	2 0	− 1·7	25·3	24·9	23·2	23·6
29	0·0	—	2·2	2·4	22	1·7	− 2·0	25·3	25·1	23.1	23·6
30	0·9	25	2.5	4·2	39	2·2	− 1·5	25·1	24·4	23.1	23·4
—	—	—	—	—	—	—	—	—	—	—	—
Mean	63·4 Sum	1375 Sum	3·0	7·10	65·0	3·32	− 0·17	25·35	24·97	23·22	23·54
Average	64·9	1174	3·4	7·48	68·8	3·49	—	—	—	—	—
Column	15	16	17	18	19	20	21	22	23	24	25

Means and Extremes of certain Meteorological Elements during the Month of June, 1950

Element	*Highest*			*Date*	*Lowest*			*Date*
Atmospheric Pressure	1015·5 mbs	at	10.00 hrs.	on 2nd	1007·5 mbs	at	04.00 & 05.00 hrs.	on 18th
Temperature of the Air	26·8 °C	,,	—	,, 18th	14·6 °C	,,	—	,, 15th
Daily range of temperature of the Air ...	10·2 °C	,,	—	,, 28th	3·4 °C	,,	—	,, 17th
Temperature of the Dew Point	21·9 °C	,,	—	,, 19th	13·1 °C	,,	—	,, 4th & 9th
Daily range of temperature of the Dew Point...	—	,,	—	,, —	—	,,	—	,, —
Minimum on Grass	—	,,	—	,, —	11·0 °C	,,	—	,, 15th
Relative Humidity	96%	,,	—	,, 5th	61%	,,	—	,, 4th
Vapour Pressure	26·3 mbs.	,,	—	,, 19th	15.1 mbs.	,,	—	,, 4th & 9th
Evaporation in 24 hours	5·0 mms	,,	—	,, 1st & 7th	1·2 mms.	,,	—	,, 20th
Wind Velocity	7.2 m.p.s.	,,	14.00 hrs.	,, 16th	—	,,	—	,, —
Rainfall in 24 hours	17·4 mms	ending	07.00 hrs.	,, 20th	—	,,	—	,, —
Duration of sunshine	10·6 hrs.		—	,, 1st	0·6 hr.	,,	—	,, 21st

NUMBER OF DAYS OF

Rainfall								
mms. 0·1—0·9	mms. 1·0—4·9	mms. 5·0—9·9	mms. 10·0—24·9	mms. 25·0—39 9	mms. 40·0—54·9	mms. 55·0 and over	Lightning	Thunderstorm
9	7	2	2	—	—	—	—	—

Table VIII.—Barogram

JUNE 1950

The initial 10 or 9 is omitted. The unit in the table is 0·1 millibar

Day / Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Day / Hour
Midnight	134	146	130	108	113	131	138	120	116	121	142	137	132	133	125	115	Midnight
1h	134	148	128	106	114	132	138	116	115	119	137	135	132	132	123	113	1h
2	133	146	122	100	111	130	132	112	112	107	135	131	129	130	118	109	2
3	132	144	119	097	107	123	128	109	109	102	134	128	124	127	115	104	3
4	128	143	115	095	107	121	125	107	108	105	133	128	122	125	114	100	4
5	128	144	113	094	106	119	124	106	108	106	132	129	120	124	113	100	5
6	132	148	115	096	111	124	127	109	111	119	134	131	121	129	115	103	6
7	140	151	116	099	116	126	129	112	117	123	139	133	128	132	119	106	7
8	143	152	117	106	121	130	135	116	120	129	145	139	130	132	122	109	8
9	148	153	121	115	127	137	138	121	125	136	145	142	135	139	127	114	9
10	152	155	121	119	130	139	138	121	125	137	142	142	137	142	129	116	10
11	150	153	116	113	129	136	134	116	119	132	138	132	133	138	128	109	11
Noon	144	146	109	109	122	130	126	109	113	126	131	129	127	131	121	100	Noon
13h	134	130	100	100	111	124	115	098	107	119	125	120	117	120	110	091	13h
14	129	125	095	097	108	118	112	095	104	116	118	111	109	115	106	083	14
15	126	125	093	096	107	115	107	094	102	117	118	109	106	114	104	079	15
16	129	126	091	095	109	119	107	097	103	118	117	110	104	115	102	079	16
17	131	125	094	100	113	123	111	103	107	122	120	116	110	116	104	080	17
18	136	129	096	104	119	126	112	108	111	124	123	117	117	117	110	085	18
19	139	133	101	107	124	131	119	114	117	128	127	121	122	122	112	091	19
20	144	136	104	115	127	135	124	118	125	136	131	126	132	126	115	096	20
21	144	136	105	117	130	138	125	120	127	138	133	130	135	128	119	097	21
22	147	135	109	115	132	142	126	119	127	142	137	133	136	129	119	098	22
23	150	133	108	115	132	140	124	117	124	142	139	135	137	127	118	097	23

JUNE 1950—*continued*

The initial 10 or 9 is omitted. The unit in the table is 0·1 milibar

Day / Hour	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean	Day / Hour
Midnight	091	089	100	105	116	119	139	151	144	132	139	118	111	138		1012·4	Midnight
1h	089	086	096	103	109	118	138	146	140	131	136	117	109	140	–	1012·3	1h
2	087	080	094	104	107	116	133	140	137	130	131	109	107	132	—	1011·9	2
3	083	076	091	101	107	111	129	137	134	126	128	106	105	128	—	1011·6	3
4	079	075	088	100	105	108	127	137	131	125	124	105	102	128		1011·4	4
5	078	075	088	102	106	107	123	137	131	124	118	104	104	127	—	1011·3	5
6	079	077	088	107	110	113	125	139	132	124	120	105	110	129		1011·6	6
7	084	081	090	112	113	116	130	143	135	128	126	110	117	140	—	1012·0	7
8	088	088	091	118	120	123	134	147	140	132	132	112	120	140	—	1012·4	8
9	093	094	096	122	126	127	140	152	146	135	136	118	127	148	—	1012·9	9
10	100	099	097	124	128	130	140	150	146	136	138	117	132	149	—	1013·1	10
11	095	096	097	117	120	129	136	143	140	132	134	114	127	147		1012·7	11
Noon	089	092	088	112	116	123	131	139	132	126	126	107	120	144	—	1012·1	Noon
13h	085	085	081	105	110	119	118	132	124	118	117	098	116	138	–	1011·2	13h
14	079	080	080	099	101	116	115	125	118	113	109	092	111	133	—	1010·7	14
15	078	079	080	099	100	117	116	124	118	112	107	089	112	132	—	1010·6	15
16	078	080	080	101	101	120	118	126	119	113	107	090	115	132	—	1010·7	16
17	079	084	085	104	110	121	125	129	124	117	108	095	117	135	–	1011·0	17
18	085	090	090	110	112	124	130	132	129	120	111	097	123	138	–	1011·4	18
19	089	096	096	111	113	126	136	135	135	125	113	101	128	143	—	1011·9	19
20	092	099	098	115	120	132	145	140	139	131	118	105	131	146	—	1012·3	20
21	098	102	102	118	124	139	150	142	139	137	120	108	135	149	—	1012·6	21
22	098	104	103	118	125	141	152	145	139	139	122	112	138	151	—	1012·8	22
23	095	101	104	117	123	140	152	145	137	138	121	112	138	151	—	1012·7	23

Table IX.—Duration of Bright Sunshine at the Aerological Station, Vacoas, by the Campbell Stokes Sunshine Recorder

JUNE 1950

Day / Hour Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total Hours
	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	
6h	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—	0·0
7	18	0	0	0	5	0	18	0	5	10	2	0	0	3	6	0	0	0	0	0	0	0	0	0	0	8	17	0	8	6	—	1·8
8	60	33	53	13	60	3	60	0	44	60	17	56	26	60	60	2	0	0	4	0	0	0	31	4	32	60	60	58	7	55	—	15·3
9	60	56	60	1	24	19	39	22	60	60	22	45	50	55	60	20	2	14	9	5	0	18	32	8	35	60	60	60	10	60		17·1
10	60	60	53	7	2	3	60	57	60	60	42	5	39	58	60	23	0	42	0	13	4	14	51	19	60	60	60	60	12	60	—	18·4
11	60	60	51	22	8	44	60	19	60	60	12	35	38	13	60	25	20	42	0	12	15	42	35	60	60	60	60	35	0	41	—	18·5
Noon	60	60	60	25	0	60	60	46	60	60	20	27	60	32	60	20	23	48	6	8	13	49	29	52	60	60	53	50	10	35	—	20·1
13h	60	60	60	17	10	60	60	60	60	60	35	40	60	60	60	45	26	3	5	0	0	53	28	15	60	60	45	50	42	0	--	19·9
14	60	60	16	18	20	60	55	52	60	60	20	40	60	60	60	12	6	25	8	2	8	50	25	12	60	55	35	33	12	0	—	17·4
15	60	60	34	3	25	60	52	25	60	60	52	40	60	51	60	30	5	20	1	0	7	37	40	39	60	14	40	47	0	0	—	17·4
16	60	57	20	27	25	60	48	20	60	60	60	29	60	52	60	7	12	21	0	0	0	48	40	26	60	22	35	60	0	0	—	17·1
17	60	16	40	23	9	60	49	60	60	60	60	25	60	60	60	0	27	18	0	0	0	31	47	26	48	60	0	32	0	0	—	16·5
18	25	0	8	6	0	24	23	25	18	25	15	0	24	22	20	0	0	3	0	0	0	10	2	0	0	27	0	12	1	0	—	4·8
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—	0.0

The Total Amount of Registered Sunshine was 184·3 hrs., and the Total Possible Sunshine was 327·5 hrs.

Table X.—Duration of Bright Sunshine at the Royal Alfred Observatory by the Campbell Stokes Sunshine Recorder

JUNE 1950

Day / Hour Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total Hours
	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	
6h	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0·0
7	17	4	0	0	0	0	15	12	3	3	18	20	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	15	10	—	2·4
8	60	60	36	1	30	5	60	60	55	60	60	60	28	16	55	48	0	1	6	0	0	0	35	1	26	60	60	60	27	60	—	17·2
9	60	60	60	50	60	10	60	28	60	60	30	28	11	45	60	60	0	38	4	2	2	28	45	2	40	60	60	60	45	60	—	19·8
10	60	60	60	60	20	44	60	58	60	60	55	55	35	35	60	60	2	30	0	1	0	26	60	22	55	60	60	50	7	30	—	20·7
11	60	60	60	45	28	16	60	40	60	60	55	55	45	30	60	48	7	50	2	12	5	32	45	57	60	60	60	31	30	31	—	21.1
Noon	60	60	60	40	5	50	60	15	54	60	55	58	32	40	60	60	45	25	27	30	1	54	45	48	55	60	60	50	21	36	—	22·1
13h	60	60	60	50	20	60	60	40	60	60	20	50	60	55	60	55	45	40	55	0	4	45	25	60	60	60	60	60	1	10	—	22·6
14	60	60	48	21	25	60	60	54	60	60	30	50	60	60	60	60	20	60	40	0	0	60	60	60	60	60	60	60	0	0	—	22·8
15	60	55	30	50	0	60	60	50	60	60	26	50	60	60	60	60	41	60	24	0	25	55	60	55	60	60	60	60	0	0	—	22·7
16	60	60	58	5	0	60	58	15	60	60	60	53	60	60	60	53	44	60	5	0	2	30	59	22	60	60	56	60	0	0	—	20·7
17	60	5	22	3	0	60	60	58	60	60	60	48	60	60	60	40	35	32	0	0	0	32	39	0	40	60	3	60	0	12	—	17·1
18	20	0	0	0	0	16	16	20	20	20	10	0	20	15	16	0	2	0	0	0	0	0	0	0	10	22	0	20	0	0	—	3·8
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	--	0·0

The Total Amount of Registered Sunshine was 213·0 hrs. and the Total Possible Sunshine was 327·5 hrs.

Table XI.—Direction and Velocity of the Wind at every Hour of the Day as recorded by the Robinson Cup Anemometer during June, 1950

The directions are given in points and the values indicate the direction from which the wind blows counting from North 32, East 8, South 16 and West 24

The Velocities are given in Metres per second, using the factor 2·2

(The days on which the Normal Trade-Winds are interrupted are indicated by an asterisk).*

JUNE 1950

Day	1		2		3		4		5		6		7		8		9		10		11		12		13		14		15			
Hour	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir	Vel.
Midnight	10	3·9	10	3·8	11	2·8	14	2·9	10	1·1	12	2·0	12	2·8	10	3·3	10	1·5	10	1·4	09	4·0	10	3·8	11	1·9	09	2·2	10	3·1	11	2·8
1h	09	4·4	10	2·2	11	2·6	10	1·2	10	1·5	16	3·5	12	2·2	10	3·1	11	1·8	10	0·8	10	4·1	11	4·2	11	2·7	12	3·3	10	2·4	11	2·5
2	10	4·7	10	3·0	11	2·8	14	2·8	10	1·4	14	2·2	10	2·1	10	3·6	11	1·5	10	1·4	10	5·5	10	3·7	10	2·7	12	2·0	10	3·0	12	1·7
3	10	3·7	10	3·4	11	2·6	13	2·9	10	2·1	12	3·1	10	2·0	10	2·1	11	2·1	10	1·1	10	3·2	08	4·7	08	3·9	12	2·0	11	2·2	12	2·5
4	10	4·4	11	4·0	12	2·8	14	1·9	10	2·3	12	4·0	10	2·0	10	2·1	10	1·8	10	0·8	12	3·9	10	5·0	10	3·9	12	1·2	11	2·2	12	2·5
5	10	3·7	10	2·8	13	2·0	14	1·8	10	1·9	12	3·3	10	2·2	10	2·6	10	1·3	10	1·7	14	1·9	09	3·7	09	2·9	10	3·3	11	2·0	12	1·5
6	10	3·8	10	2·4	13	2·2	14	2·6	10	1·3	12	3·1	10	2·1	12	1·8	10	2·1	12	1·8	10	2·5	08	3·7	10	3·1	12	2·9	11	2·4	12	1·8
7	10	3·4	10	0·7	11	2·4	14	4·7	10	2·2	12	3·3	10	1·6	13	2·1	10	2·2	11	2·0	10	2·4	10	3·0	10	3.4	10	2·2	11	3·0	12	2·8
8	10	3·9	10	0·6	11	1·0	14	4·1	10	1·8	11	3·8	10	3·1	12	2·4	10	1·8	11	1·8	10	2·2	10	4·4	10	2·2	08	4·2	12	3·7	10	3·2
9	09	5·3	11	3·1	10	2·1	14	2·3	11	3·6	11	4·6	11	4·7	11	3·4	10	3·6	10	3·8	10	4·4	10	4·3	10	3·3	09	4·4	10	4·1	10	4·4
10	09	5·6	12	4·4	08	4·1	15	3·6	10	4·0	11	6.1	12	4·8	11	5·3	08	4·8	10	5·0	10	5·6	10	5·8	11	5·1	11	5·2	09	5·7	11	4·6
11	08	5·8	09	4·0	09	5·0	14	4·1	10	3·5	10	6·0	10	5·3	10	5·8	10	5·4	10	5·4	10	6·1	11	6·5	11	6·1	11	4·1	09	5·0	11	5·1
Noon	08	5·4	12	4·1	08	4·7	12	3·2	10	2·9	10	6·5	10	5·7	10	5·9	08	5·2	10	5·7	11	6·7	10	6·7	10	6.8	08	4·7	11	5·4	10	5·2
13h	10	5·3	14	5·0	10	4·3	13	4·2	11	4·1	09	5.8	11	5·7	10	5·6	10	5·1	10	6·0	09	6·4	11	6·2	09	6·1	10	5·2	09	5·0	10	6·8
14	10	5·7	12	5·1	10	4·1	13	4·4	09	4·5	10	6·0	10	5·6	10	5·1	10	5·2	11	6·3	08	6·6	09	6·4	09	5·8	10	5·5	10	5·0	10	7·2
15	10	5·5	12	5·7	10	4·1	13	3·5	09	4·0	09	6·0	12	6·2	12	5·7	09	3·4	10	5·9	10	6·6	09	5·8	10	6·2	11	5·4	10	5·6	09	6·3
16	09	5·0	12	4·7	10	3·5	14	5·2	07	3·1	10	5·0	10	5.7	12	5·6	09	5·8	10	5·0	10	6·2	10	5·6	10	5·0	10	5·1	10	4·8	11	6·8
17	10	3·7	13	3·7	12	3·3	11	3·6	10	3·4	11	4·4	10	4·7	11	4·4	10	3·1	11	4·5	10	4·3	10	4·4	11	4·0	10	4·4	10	4·6	11	5·7
18	10	2·2	13	2·4	10	2·9	11	1·6	10	4·2	11	3·4	10	3·9	11	3·5	10	2·1	11	3·0	11	4·3	11	3·2	11	3·5	10	3·8	10	3·6	10	6·5
19	10	2·8	12	1·5	10	1·5	14	2·1	10	4·1	11	2·5	10	3·5	11	2·4	10	2·9	11	1·7	11	2·8	11	3·2	10	3·6	10	3·1	10	3·6	08	5·9
20	10	2·1	12	0·8	10	0·9	14	1·7	12	2·5	10	3·4	10	3·7	11	2·5	12	2·6	14	1·3	10	4·4	11	3·3	10	2·4	11	4·0	11	3.9	10	5·1
21	10	3·4	12	0·6	10	2·3	14	1·8	12	3·3	11	4·1	10	4·0	11	2·1	12	2·5	10	1·6	11	3·2	12	3·5	10	2·9	09	3·4	10	3·1	11	5·6
22	11	3·7	12	1·1	11	2·6	14	1·1	12	3·7	11	3·4	10	2·8	11	2·1	12	2·0	10	2·3	10	4·5	12	2·1	11	2·9	10	3·8	11	4·0	11	4·7
23	11	3·9	10	2·3	14	2·4	14	1·2	12	3·4	12	3·8	10	3·1	11	1·2	12	1·3	10	1·5	10	4·2	12	2·4	11	2·6	10	3·5	11	4·2	09	4·5

JUNE 1950—*continued*

Day	17		18		19		20		21		22		23		24		25		26 *		27		28 *		29 *		30		31		Mean
Hour	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Velocity
Midnight	10	4·3	06	2·5	06	1·0	07	2·5	08	5·3	06	5·3	06	2·5	07	2·3	06	1·8	12	2·1	16	1·1	08	2·8	27	1·7	12	1·6	—	—	2·7
1h	10	4·1	06	2·0	06	1·0	10	1·4	10	5·0	08	5·0	07	3·9	08	2·9	10	2·6	13	2·0	14	1·8	09	2·3	27	2·5	12	2·1	—	—	2·7
2	10	4·5	06	3·1	06	1·6	10	1·7	10	4·6	07	4·9	07	4·0	08	2·3	10	2·4	13	2·3	14	1·3	09	1·9	27	1·9	12	2·5	—	—	2·8
3	10	4·0	06	1·1	06	1·5	10	2·6	10	4·0	07	4·8	06	2·4	08	2·0	10	2·2	13	1·9	14	2·3	09	1·7	27	1·8	12	1·6	—	—	2·6
4	10	4·1	06	1·2	06	1·3	08	2·1	10	2·8	06	5·9	06	3·2	08	2·0	10	2·2	13	2·6	14	1·2	09	1·7	27	1·9	12	1·6	—	—	2·6
5	11	4·4	06	1·2	06	1·2	08	1·8	07	3·5	06	5·0	07	3·7	08	2·4	10	2·0	13	1·9	10	1·6	10	1·8	27	1·9	12	1·8	—	—	2·4
6	10	3·8	06	1·3	06	2·2	08	1·7	07	3·5	07	5·6	08	3·6	08	1·9	10	2·1	13	2·0	11	1·9	10	1·7	27	2·1	12	1·8	—	—	2·5
7	09	2·4	06	1·8	07	1·8	08	2·0	06	4·1	06	6·0	08	3·3	08	2·4	10	2·1	13	2·0	12	1·2	10	1·9	27	2·1	12	1·6	—	—	2·5
8	09	2·7	06	1·7	07	3·2	08	2·0	06	3·9	06	5·8	08	3·9	08	2·3	10	2·7	13	1·4	27	1·6	10	1·3	28	1·2	12	2·0	-	—	2.7
9	08	4·0	06	2·0	08	2·2	08	2·6	06	5·1	06	6·9	05	5·2	06	2·3	10	3·1	13	1·9	09	3·4	06	1·3	27	0·7	10	2·3	—	—	3·5
10	08	5·1	06	2·5	07	1·8	08	3·2	06	5·0	06	5·6	06	4·9	09	3·4	08	3·7	13	1·2	10	4·3	04	1·8	27	0 9	10	3·0	—	—	4.2
11	08	5·7	05	2·4	06	3·0	09	4·1	06	6·0	06	6·2	07	5·1	08	4·3	10	4·0	12	0·7	08	3·8	02	2·6	27	1·3	06	3·9	—	—	4·5
Noon	07	5·4	03	3·4	03	3·0	08	4·4	06	5·8	05	6·9	05	4·6	05	5·5	09	4·2	[d]23	2·2	08	4·3	31	3·3	22	1·6	04	3·0	-	—	4·8
13h	06	5·0	02	2·9	04	3·9	08	4·7	06	5·6	06	6·5	06	5·2	06	4·5	09	4·6	27	2·0	08	4·0	28	2·9	21	1·1	07	2·4	—	—	4·8
14	07	5·3	05	3·7	02	4·2	09	4·9	06	6·1	05	6.0	06	5·8	08	5·9	10	4·0	27	2·2	08	4·2	28	3·3	[d]30	1·6	10	3·0	—	—	4.9
15	07	5·0	06	2·8	02	2·9	08	4·3	07	6·0	06	5·7	05	5·0	10	5·0	08	3·9	28	2·0	10	4·5	27	2·9	30	1·4	10	2 7	—	—	4·7
16	06	3·5	06	2·4	03	2·7	08	4·2	07	5·0	06	4·5	07	4·4	06	4·1	10	3·4	30	1·7	12	4·0	26	2·5	[d]09	1·8	08	2 4	-	—	4·3
17	06	2·8	05	2·6	04	2·1	10	4·4	07	5·3	06	3·8	06	3·6	06	3·1	10	3·7	32	1·6	10	3·1	27	1·9	11	2·9	07	1·8	—	—	3·6
18	06	3·1	06	2·9	04	1·4	10	4·9	07	4·1	05	3·0	06	2·5	07	2·7	10	2·3	[d]13	1·7	08	3·1	27	1·4	11	2·0	08	1·4	—	—	3·0
19	07	3·9	05	3·2	06	2·0	09	5·1	07	5·0	06	2·8	06	2·5	10	2·8	10	2·3	12	2·0	08	2·1	27	1·2	11	1·5	08	1·8	-	—	2·8
20	08	3·5	05	2·0	06	1·9	10	4·7	07	5·1	06	2·7	06	2·6	10	1·3	11	2·3	12	2.1	09	2·3	27	1·2	11	1·7	08	2·2	—	—	2·7
21	06	3·0	06	2·1	06	1·4	08	4·7	07	4·8	06	2·3	06	2·2	10	3·1	11	2·1	12	3·0	09	2·8	27	1·4	12	1·6	10	2·6	—	—	2·8
22	06	2·5	06	1·8	06	1·4	08	4·9	07	5·3	08	3·7	06	1·8	10	2·1	10	2·1	13	2·3	09	2·5	27	1·9	12	2·5	10	1·3		—	2·8
23	06	2·9	06	1·8	06	1·8	08	4·4	07	4·4	05	2·7	07	1·9	06	3·1	09	3·4	13	1·2	09	2·5	27	1·7	12	2·2	11	2·0	-	—	2·7

Table XII.—Wind Frequency (Number of Observations), June, 1950

Hour	Force (0—12)			Directions															
	8 or above	4 to 7	0 to 3	N.	N.N.E.	N.E.	E.N.E.	E.	E.S.E.	S.E.	S.S.E.	S.	S.S.W.	S.W.	W.S.W.	W.	W.N.W.	N.W.	N.N.W.
3	...	...	30	...	...	...	3	5	11	9	1	...	...	...	...	...	...	1	...
9	...	...	30	...	...	1	5	6	10	6	1	...	...	...	...	...	...	1	...
15	...	13	17	...	1	1	2	8	9	6	...	...	...	...	...	...	...	2	1
21	...	1	29	...	...	...	5	4	8	11	1	...	...	...	...	...	...	1	...
Total ...	...	...	...	...	1	2	15	23	38	32	3	...	...	...	...	...	...	5	1

Table XIII.—Rainfall at every Hour of the Day at the Royal Alfred Observatory, June, 1950

Day / Hour ending	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1h	...	0·2		...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2		0·3	...	0·1	...	...	...	...	...	...	...	...	...
2	...	0·3	...	...	...	...	...	...		...	...	...	...	...	...	...	...	0·3	...	...	...	3·5	...	...	0·1	...	...	...	...	...	...
3		...	...	0·2	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	0·3	...	...	...	1·7	...	0·6	...	...	...	...	...	...
4		...	...	...	...	...	...	...	0·8	...	...	...	...	...	...	...	...	0·1	...	...	...	1·0	0·5	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	0·6	...	...	...	...	...	0·7	3·7	...	0·5	...	...	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...	...	...	...	0·1	2·0	...	...	...	...	...	0·3	...	0·1	0·1	...	...	...	...	...	...	...	...	...
7		...	...	...	...	...	...	...	...	...	...	...	0·6	0·1	...	...	...	0·1	...	0·7	...	0·1	...	...	...	...	...	...	...	...	...
8	...	...	...	...	...	...	...	...	0·1	...	...	...	...	0·3	...	...	...	0·3	0·2	...	...	...	...	...	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	0·4	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...	...	...	...	...	...	...	1·2	...	...	...	...	7·3	0·1	...	...	...	0·5	...	...	...	...	...	...	...
11	...	...	...	...	0·3	...	...	...	...	...	...	0·1	...	...	...	...	...	...	0·1	...	...	...	...	...	...	...	...	...	...	...	...
Noon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·1	...		...	...	...	...	...	...	...	...	...	...
13h	...	...	...	...	...	...	...	...		...	0·3	...	...	...	...	...	...	...	...	...	0·2	...	0·2	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	...	...	...	...	...	...	...	...	...	0·1	...
15	...	...	...	...	0·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·3	...	...	...	...	...	...	...	...	...	0·5	...
16	...	...	...	...	2·3	...	...	...	...	...	...	...	...	...	...	...	...	...	2·0	0·9	...	0·2	...	...	...	...	...	...	...	...	...
17	...	...	...	...	1·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	...	0·5	0·2	0·5	...	...	...	...	...	...	...
18	...	...	...	...	0·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·6	...	...	...	0·7	...	...	...	...	...	...	...
19	...	...	0·1	...	0·6	...	...	...	...	...	...	...	...	...		...	0·4	0·8	...	0·2	0·5	0·1	...	...	...	...	...	...	...	...	...
20	...	...	...	...	0·1	...	...	...	...	...	...	...	...	...	...	...	0·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	...	0·4	0·7	...	...	...	...	...	...	...	...	...	...
22	...		...	...	...	...	...	...	...	...	0·1	...	...	...	...	...	0·2	...	...	1·2	0·3	0·6	...	...	...	...	...	...	...	...	...
23	...	0·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·8	...	0·4	...	0·4	2·3	...	1·0	...	...	...	...	...	0·3	...
24	0·4	0·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	...	0·2	0·2	0·5	...	...	1·2	...	...	...	...	...	...	...

Table XIV.—Rainfall at every Hour of the Day at the Aerological Station, Vacoas, for June, 1950

Day / Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1	0·3	0.8	...	...	...	...		0·5	...	...	...	0·4	...	...	...	...	0·2	0·7	...	1·8	0·3	1·4	0·3	...	0·2	...	...	...	...	...	...
2	...	...	...	0·5	...	...	...	...	...	...	...	...	...	...	...	...	...	1·0	...	...	...	0·3	...	...	...	0·1	...	...	...	...	...
3	...	0·2	...	...	0·2	...	...	1·0	...	...	0·3	...	0·1	0·2	...	...	0·3	0·6	...	...	0·3	0·9	0·7	...	0·3	...	...	...	...	...	...
4	...	...	0·2	0·1	...	...	...	...	...	...	...	...	0·5	...	...	0·2	0·2	0·1	...	...	...	0·6	0·1	...	...	...	...	...	...	...	...
5	...	...	...	...	0·8	...	...	0·4	...	...	...	...	...	...	...	...	...	...	0·6	...	0·3	1·0	...	...	...	...	...	...	...	...	...
6		...	0·3	...	...	...	...	...	...	...	0·3	...	0·5	...	...	...	...	...	0·4	0·2	0·1	0·9	...	...	...	0·1	...	...	...	...	...
7	...	...	...	...	...	...	...	0·3	...	...	...	...	0·1	0·4	...	0·9	...	...	...	...	0·3	0·4	...	...	...	0·1	0·2	...	...	...	...
8	...	...	...	...	...	...	0·2	0·2	0·1	...	0·2	...	0·1	...	...	0·1	...	0·2	...	...	0·8	0·1	...	...	...	...	...	...	...	...	...
9	...	...	...	...	0·6	...	...	...	...	...	0·6	...	...	...	...	...	...	...	...	...	...	...	...	0·1	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·3	...	...	1·0	...	...	...	...	...	0·6	...	...	...
11	...	...	...	...		...	...	...	...	...	0·5	...	...	...	...	0·2	...	...	13·5	...	...	...	...	...	...	...	...	...	...	...	...
Noon	...	...	...	...	0·7	...	...	...	...	...	0·7		...	...	...	...	...	...	4·5	...	...	...	...	...	...	...	...	...	...	...	...
13h	...	...	...	...	0·9	...	...	...	...	...	0·9	...	...	...	...	0·5		0·8	2·6	0·1	...	...	...	...	...	...	...	...	...	4·1	...
14	...	...	...	...	...	...	...	...	...	...	0·5	...	...	...	...	0·9	...	...	...	...	...	...	0·4	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·7	...	...	0·4	0·4	...	...	...	...	...	...	...	...	...	...	...
16	...	...		...	...	...	...	...	...	...	...	0·2	...	...	...	0·5		...	1·2	0·4	0·1	0·2	...	...	...	...	...	...	0·5	0·4	...
17	...	...	0·4	...		...	...	...	...	...	...	...	...	...	...	0·7	0·3	...	1·5	9·0	0·1	...	...	...	...	...	...	...	1·3	...	...
18	...	...	...	...	0·5	...	...	...	...	...	...	...	...	...	...	0·7	...	...	0·4	1·9	0·1	...	...	0·1	...	...		...	...	...	...
19	...	0·1	0·2	...	...	...	...	...	...	...	...	...	...	...	...	1·0	0·4	1·6	0·7	1·2	0·2	...	0·4	1·2	...	...	...	...	...	...	...
20	...	...	0·1	...	0·2	...	...	...	...	...	...	...	...	...	...	0·6	0·1	1·5		1·1	0·3	0·7	...	...	...		...	...	...	...	...
21	...	...	1·4	...	...	...	...	...	...	...	...	...	...	...	...	0·8	0·5	...	0·2	1·0	0·3	...	...	...	...		...	...	...	...	...
22	...	...	0·9	...	...	...	...	0·4	...	1·0	0·2	...	...	...	...	0·8	0·4	...	...	1·2	...	0·9	...	...	...			...	...	...	...
23	0·3	...	0·1	...	...	...	...	0·4	...	0·5	...	...	...	...	...	0·4	...	0·1	1·2	1·0	0·4	...	...	...	...	...	...	...	0·2	...	...
24	0·4	0·4	1·2	...	...	...	...	...	...	...	...	...	...	...	...	0·3	0·9	...	1·2	0·5	4·5	0·1	...	0·2	...		...	...	...	...	...

Table XV.—Total Monthly Rainfall at Various Stations in Mauritius according to Districts, June, 1950

Districts	Stations	Approximate Altitude in feet.	Total fall in inches.	Total fall in mms.	Normal in inches.	Number of days
B. River	Albion Ltd. Bambous ...	—	1·65	41·9	—	5
	Anna Ltd., Bambous ..	—	1·50	38·1	—	4
	Beau Songe	—	—	—	—	—
	Case Noyale	—	—	—	—	—
	Clarens ...	—	2.28	57·9	—	4
	Govt. School, Bambous ..	—	1·63	41·4	—	4
	Grande Rivière Noire ...	—	—	—	—	—
	La Ferme	—	2·07	52·6	1·35	4
	La Mecque	—	1·39	35·3	—	3
	Médine	—	1·18	30·0	—	3
	Mon Desir, Tamarin ...	—	1·60	40·6	—	3
	Palma	—	—	-	—	—
	Palmyre	—	1·13	28·7	—	3
	Petit Verger	—	—	—	—	—
	Pierre Fonds	—	2·92	74·2	1·11	9
	Richelieu	—	1·93	49·1	—	11
	Tamarin	-	3·90	99·1	—	3
Port Louis	Abercrombie Nursery ..	—	2·08	52·8	—	20
	Line Barracks	—	2·83	71·9	—	13
Pmousses	Beau Plan	—	2·85	72·4	—	6
	Belle Vue (Harel) ...	—	2·40	61·0	—	10
	Belle Vue (Maurel) ..	—	3 94	100·1	—	10
	Bois Rouge (de St. Romain)	—	—	—	—	—
	Botanical Gardens ...	325	2.43	61·7	3·01	11
	California	—	7·69	195·3	—	9
	Couroupa	—	—	—	—	—
	Fond du Sac (Ramlagan) ...	—	—	—	—	—
	Govt. School, Pl. des Papayes	—	5·12	129·9	—	8
	La Nicolière	—	6·27	159·3	5·29	17
	Montagne Longue ...	—	—	—	—	—
	Mapou	—	—	—	—	—
	Masailia and Balaklava ...	—	—	—	—	—
	Mon Choisy, Grand Bay ...	—	2·51	63·8	—	7
	Mon Mascal, Grand Bay ...	—	2·10	53·3	—	4
	Mont Piton	680	3·00	76·2	4·53	7
	Mon Songe (Mapou) ...	620	5·23	132·8	4·48	12
	Rouge Terre, Fond du Sac ...	—	2·30	58·4	—	5
	Solitude	175	1·86	47·2	1·38	6
	Sottise, Mapou	—	2·89	73.4	—	9
	Terre Rouge	—	-	—	—	—
	The Observatory ...	179	2·50	63·4	2·41	20
	Maison Blanche .	—	2·93	74·4	—	6
	Le Souvenir	—	2·41	61·2	—	6
	Notre Dame (La Nouvelle Industrie Ltée)	—	3·37	85·6	—	10
	Pamplemousses Experiment Station	—	3·06	77·7	—	17
Rivière du Rempart	Antoinette	640	4·18	106·2	4.20	8
	Beau Bois, B. Verdiere ...	—	12·75	323·9	—	21
	Beau Séjour	300	2·81	71·4	4·05	12
	Bel Etang	—	—	—	—	—
	Bel Mont	50	1·86	47·2	2·85	6
	Esperance (Harel) ...	—	—	—	—	—
	Esperance (Souchon) ..	—	—	—	—	—
	Forbach	—	1·71	43·4	2·55	7
	Govt. School Grand Bay ...	—	2·79	70·9	—	9
	Haute Rive	—	—	—	—	—
	Ile d'Ambre	—	1·65	41·9	—	4
	Labourdonnais ...	290	1·55	39·5	3.02	7
	L'Amitié	—	—	—	—	—
	Mare Sèche, Grand Bay ...	20	—	—	—	—
	Mon Choix	700	2·48	63·0	4·36	8
	Mon Loisir (Lagesse) ...	—	3·89	98·8	3·91	13
	Mon Loisir (Rouillard ...	—	—	—	—	—
	Mon Tracas (Audibert ...	—	—	—	—	—
	Petit Raffray, Mapou ...	—	—	—	—	—
	Poudre d'Or	20	1·78	45·2	2.74	6
	Ravensworth	—	4·97	126·2	—	9
	Schoenfield	—	—	—	—	—
	St. Antoine	50	1·55	39·4	2·40	7

Districts	Stations	Approximate Altitude in feet.	Total fall in inches.	Total fall in mms.	Normal in inches	Number of days
Flacq	Australia, Pont Praslin ..	—	4·32	109·7	—	6
	Beau Bois, St. Julien ...	—	7·60	193·0	—	12
	Beau Champ, G.R.S.E. ...	20	4·79	121·7	4·10	20
	Bel Etang	—	6·69	169·9	—	20
	Belle Mare, Argy ...	—	—	—	—	—
	Belle Rive	400	10·94	277·9	6·27	18
	Belle Vue (Allendy) ...	—	4·33	110·0	3·74	11
	Bois Clair	—	—	—	—	—
	Brisée Verdière ...	—	—	—	—	—
	Camp de Masque ...	—	—	—	—	—
	Caroline, Bel Air ..	—	—	—	—	—
	Castel Estate, Bel Air ...	—	—	—	—	—
	Clemencia ...	—	—	—	—	—
	Constance La Gaieté ..	100	4·95	125·7	4·18	13
	Deep River	—	6·27	159·3	—	21
	Etoile	—	8·86	214·9	—	17
	Govt. School Central Flacq	—	2·59	65·7	—	23
	Govt. School, G.R.S.E. ..	—	3·85	97·7	—	12
	Grande Retraite ...	—	5·80	147.3	—	6
	Grosse Roche	—	—	—	—	—
	La Lucie, Bel Air ...	—	—	—	—	—
	Melrose, Montagne Blanche	—	—	—	—	—
	Olivia	400	5·66	143·7	6·03	16
	Palmar ...	—	5·39	134·8	—	14
	Petite Etoile, Bel Air ..	—	—	—	—	—
	Petite Victoria ..	—	—	—	—	—
	Queen Victoria ..	—	5·69	144·5	—	13
	Rich Fund, St. Julien ..	—	7·48	190·0	—	12
	Terres Franches ...		5·42	163·1	—	21
	Terres Rocheuses ..	—	9·74	252·4	—	9
	Riviere Seche	—	4·05	102·9	—	11
	Ruisseau Rose	—	—	—	—	—
	Sans Souci	900	14·23	361·4	10·46	21
	Sebastopol	—	—	—	—	—
	Trois Ilots	—	5·62	142·8	—	19
	Union Regnard S.E. ..	600	6·52	165·6	5·04	16
	Unite	—	—	—	—	—
	Beau Rivage Estate ..	—	3·60	91·4	—	8
	Bon Accueil	—	7·60	193·0	—	12
G. Port	Anse Jonchée	—	5 98	151·9	—	13
	Astroea, Cluny ...	—	17·97	456·5	—	23
	Beau Lieu, Union Park ...	—	—	—	—	—
	Beau Vallon (La Cour) ..	—	6·96	176·8	—	14
	Deux Bras	—	15·07	382·8	—	21
	Eau Bleue, Cluny	—	—	—	—	—
	Ferney	20	7·70	195·6	6·20	14
	Grand Bois, Rose Belle ...	—	—	—	—	—
	Gungah Frères, New Grove	—	—	—	—	—
	Khoyratty, Escalier ...	—	—	-	—	—
	La Vallée. Cluny ..	—	—	—	—	—
	Le Vallon	—	—	—	—	—
	Mare d'Albert	—	—	—	—	—
	Mon Désert Carié ...	75	5·30	134·6	3·78	15
	Mon Trésor	—	8.15	207·0	—	16
	New Grove	650	18·49	469·6	9·60	19
	Plaisance Airfield ...	160	5·85	148·6	—	23
	Riche-en-Eau	—	9·68	245·9	—	15
	Rose Belle	850	18·76	474·5	8·31	23
	Sauve Terre	—	6·01	152·7	—	10
	Savinia	—	7·85	199·4	—	7
	Ste. Hélène	—	6·30	160·0	—	15
	St. Hubert, Cluny ...	—	19·20	487·7	—	18
	Ste. Madeleine, Cluny ...	—	—	—	—	—
	Union Park	—	—	—	—	—
	Union Vale	—	5·85	148·6	—	14
	La Baraque	—	9·18	233·2	—	15
Savanne	Baie du Cap	—	—	—	—	—
	Beau Bois	—	12·75	323·9	—	21
	Beau Champ, B. du Cap ...	70	6·93	176·1	2·79	11
	Beau Climat	—	14·97	380·2	—	21

Table XV contd.—Total Monthly Rainfall at Various Stations in Mauritius according to Districts, June, 1950

Districts	Stations	Approximate altitude in feet	Total fall in inches	Total fall in mms.	Normal in inches	Number of days
Savanne	Bel Air, Montocchio ...	—	—	—	—	—
	Bel Air (St. Félix) ...	—	9·25	235·0	4·42	14
	Bel Air, Chemin Grenier ...	—	—	—	—	—
	Bel Ombre	40	4·94	125·5	3·64	11
	Bénarès	—	8·29	210·6	—	15
	Bois Chéri Tea Factory ...	—	18·36	466·3	—	21
	Britannia	700	13·42	340·9	8·19	19
	Camp Diable	—	—	—	—	—
	Cascades	—	—	—	—	—
	Chamouny, Chemin Grenier	—	—	—	—	—
	Choisy, Baie du Cap ...	200	5·15	130·8	3·18	23
	Colmar	400	12·48	317·0	6·79	18
	Combo	—	11·31	287·3	—	19
	Fontenelle	320	8·47	215·1	4·61	17
	Frederica	—	10·63	270·0	3·27	16
	Joli Bois: Rivere Dragon ..	—	—	—	—	—
	La Flora	1,050	16·96	430·8	8·16	21
	Luchon	—	—	—	—	—
	Martiniere, Souillac ..	—	—	—	—	—
	Plaines Longanes ...	—	—	—	—	—
	Riche Bois	650	10·69	271·5	5·87	19
	Ruxs, R. des Anguilles ...	—	8·40	213·4	—	12
	Savannah	200	8·60	218·4	4·81	19
	St. Aubin	300	10·30	261·6	4·94	16
	St. Avold	900	12·35	313·7	7·72	21
	St. Félix	—	8·37	212·6	—	15
	Ste. Marie ..	—	6·67	169·4	—	11
	Terracine	—	7·58	192·5	—	17
	Tivoli	1,300	15·09	383·3	9·35	21
	Union S.E.	—	8·67	220·2	3·37	17
	Val-Riche	—	8·76	222·5	—	11
	R. des Anguilles Estate ...	—	9·66	245·4	—	16
Plaines Wilhems	Aerological Station, Vacoas	1,393	4·92	125·0	3·85	28
	Bagatelle	1,250	7·53	191·3	4·33	19
	Barkly, Beau Bassin ...	—	3·08	78·3	—	12
	Bassin, Quatre Bornes .	—	2·76	70·1	1·35	11
	Belle Vue (Martin) ...	—	1·44	36·6	—	3
	Chebel	—	2·35	59·7	—	5
	Clermont, Petite Rivière	—	—	—	—	—
	Curepipe Gardens ..	1,840	11·43	290·2	7·55	26
	Ebène	—	3·90	99·1	—	14
	Floréal	—	—	—	—	—
	Gros Cailloux, Pte. Rivière	—	2·01	51·1	—	9
	Henrietta	—	4·52	114·8	—	20
	Highlands	1,000	7·53	191·3	4·78	19
	Crown Land Wootton ...	—	9·50	241·3	—	22
	La Marie Filter Beds ...	1,700	10·29	261·4	6·01	22
	Les Rosieres, Pte. Riviere	—	1·54	39·1	—	3
	Malgré Tout, Pte. Riviere	—	—	—	—	—
Plaines Wilhems	Moon	—	2·79	70·9	—	16
	Mare-aux-Vacoas (Arn.) ...	1,830	13·57	344·7	10·62	27
	Mare-aux-Vacoas (G.End)	1,850	12·73	323·3	7·79	25
	Midlands Dam ...	—	16·25	412·8	—	20
	Nouvelle France .	—	—	—	—	—
	Parc-aux-Cerfs (Tea Plantations)	—	9·62	244·3	—	22
	Pétrin	—	10·27	260·9	—	22
	Phœnix	—	5·83	148·1	—	9
	Quatre Bornes... ...	1,090	3·58	90·9	—	12
	Réunion	1,420	6·18	157·0	4·60	22
	Roches Brunes, B. Bassin	—	—	—	—	—
	Curepipe, Royal College ...	—	—	—	—	—
	Tamarin-Falls	—	5·23	132·8	—	17
	Trianon	950	5·25	133·4	2·71	12
	Mare Longue	—	9·59	243·6	—	23
Moka	Alma	1,460	11·74	298·2	7·82	25
	Bega	—	2·81	71·4	—	11
	Beau Bois (Moka) ...	—	—	—	—	—
	Bonne Veine	400	12·48	317·0	6·55	20
	Cote d'Or	—	6·15	156·2	—	9
	Helvetia	—	—	—	—	—
	Hermitage	1,450	8·29	210·6	7·10	15
	Le Reduit	1,000	4·05	102·9	2·33	21
	Minissy	1,150	5·65	143·5	3·00	15
	Mont Desert	—	7·31	185·7	—	19
	Mont Ida, Q. Militaire ...	—	—	—	—	—
	Mont Pevril	—	5·57	141·5	—	15
	Mon Rêve	—	5·13	130·3	—	15
	Réduit Ltd., Moka ...	—	—	—	—	—
	Ripailles; St. Pierre ...	—	—	—	—	—
	Piton du Milieu Reservoir ...	—	12·13	308·1	—	26
	Flat Island	—	0·20	5·1	—	1
Rodrigues	Oyster Bay	—	2·00	50·9	—	14
	Point Venus	—	3·64	92·6	—	21
	Solitude	—	7·99	203·0	—	24
Chagos-Archipelago	Diégo-Garcia, Met. Station	—	5·37	136·3	—	15
	Peros Banhos	—	1·01	25·7	—	1
	Salomon Islands (Boddam)	—	2·89	73·4	—	2
Cargados Carajos	St. Brandon	—	2·08	52·9	—	20
Agalega	Met. Station	—	3·25	83·5	—	19

Table XVI.—Observations of Pilot Balloons, month of June, 1950

Date	Time	1,000 feet		3,000 feet		5,000 feet		7,000 feet		10,000 feet		13,000 feet		15,000 feet		17,000 feet		20,000 feet		25,000 feet		30,000 feet	
		Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.
1	08·28	11	25	09	20	14	07	11	10	20	10	29	12	...	...	...	...	...	...	...	...	...	...
2	08·45	13	13	15	15	15	15	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	08·35	13	10	13	16	12	19	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...
4	09 15	16	12	16	17	18	16	16	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	08·40	12	15	08	10	09	14	11	19	12	15	...	...	...	...	...	...	...	...	...	...	...	...
6	08·40	13	22	13	14	14	05		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	08·31	14	18	14	11	16	04	25	02	14	09	24	05	...	...	...	...	...	...	...	...	...	...
8	08·17	13	20	12	18	10	11	06	06	09	05	...	...	...	...	...	...	...	...	...	...	...	...
9	08·45	11	14	11	27	12	20	14	26	...		...	...	...	...	...	...	...	...	...	...	...	...
10	08·40	13	18	13	20	13	24	10	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	08·25	12	18	11	22	10	27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	08·42	11	21	10	23	09	31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	08·50	12	21	12	26	08	16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	08 34	11	19	11	22	11	15	12	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	08·27	12	19	11	17	13	02	04	06	10	13	13	14	...	...	...	...	...	...	...	...	...	...
16	09·00	13	16	13	20	13	18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	09·40	09	25	...	...	...	...			...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	09·00	06	08	03	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	10·26	06	15	04	20	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...
20	09·03	08	14	08	21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	08 40	08	31	05	29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	09 05	08	20	10	18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	08·49	09	16	08	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	08·25	10	18	08	23	07	19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	08·47	12	15	11	15	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	09·05	15	05	16	07	12	08	12	12	20	08	23	15	28	13	28	12	...	...		...	...	...
27	08 39	11	16	11	18	12	09	16	05	24	12	...	...	...	...	...	...	...	...	...	...	...	...
28	08·36	05	09	35	12	28	06	29	11	29	15	25	20	...	...	...	...	...	...	...	...	...	...
29	08·37	10	03	05	04	09	04	11	05	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30	10·50	11	13	08	10	08	03	10	04	14	06	31	04	30	11	...	...	...	...	...		...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

COLONY OF MAURITIUS

Royal Alfred Observatory, Mauritius

(LATITUDE 20° 5′ 39″ S.—LONGITUDE 3h 50m 12s·6 E.)

RESULTS

OF

Magnetical and Meteorological Observations

FOR THE MONTH OF

JULY, 1950

N. R. McCURDY, B.Sc.
Director.

Published by Authority of His Excellency the Governor

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WEATHER BUREAU

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Table I—Results of Magnetical Observations made during the month of July, 1950

Month and Day	Mean: Declination (West)	Mean: Horizontal Force (C.G.S. Units)	Mean: Vertical Force (C.G.S. Units)	Daily Range: Declination (Unit 1 γ)	Daily Range: Horizontal Force (Unit 1 γ)	Daily Range: Vertical Force (Unit 1 γ)
JULY						
1	15°41'·0	·22321	·30401	5'·6	52	31
2	40·3	326	—	5·2	31	—
3	40·0	338	—	5·6	50	—
4	40·7	319	404	7·2	69	16
5	40·9	—	401	3·8	—	26
6	40·9	342	398	6·0	28	29
7	40·6	350	397	6·0	47	23
8	41·4	350	401	4·0	35	19
9	—	355	398	—	36	34
10	—	351	401	—	37	29
11	41·1	348	397	9·0	73	35
12	39·8	311	405	7·4	39	18
13	40·8	340	402	4·8	72	35
14	40·5	344	402	4·0	27	31
15	—	342	398	—	30	43
16	—	345	397	—	38	42
17	—	359	397	—	51	25
18	39·9	361	397	10·4	50	23
19	40·9	356	397	4·0	38	17
20	41·0	362	395	5·0	51	19
21	39·9	356	399	4·8	30	14
22	—	—	—	—	—	—
23	—	—	394	—	—	32
24	40·4	342	—	7·0	85	—
25	40·3	308	406	8·4	76	25
26	—	—	—	—	—	—
27	41·1	340	—	6·8	64	—
28	40·1	347	—	5·0	55	—
29	40·1	347	—	—	58	—
30	—	—	—	—	—	—
31	—	—	—	—	—	—
Mean	15°40'·56	·22342	·30399	5'·71	48·9	27·0

Magnetic Disturbances—July, 1950

2d. Slightly disturbed.
4d. Slightly disturbed.
6d. Slightly disturbed.
9d. Slightly disturbed.
11d. Slightly disturbed.
12d. Moderately disturbed.
13d. Slightly disturbed.
15d. Slightly disturbed
19d. Slightly disturbed during second-half
No Register from the 21st at 22^h to the 23rd 9^h50^m.
24d. Moderately disturbed.
25d. Moderately disturbed.
27d: Slightly disturbed.
No Register from the 29th till the end of the month.

T=·37726: Mean Dip=53°41'·13: X=·21511: Y=—·060363: Z=·30399

Table II.—Results of the Absolute Determinations of the Magnetic Elements made during the month of July, 1950

Declination (West)		Horizontal Force		Dip (South)		Resulting Vertical Force
Day and Hour	Observed Value	Day and Hour	Observed Value	Day and Hour	Observed Value	
d h m	° '	d h m		d h m	° '	
4 9 45	15 37'·13	4 9 20	·22347	4 9 55	53 41'·50	·30393
11 10 30	15 41'·50	7 10 10	·22375	11 10 20	53 41'·25	·30397
18 10 50	15 41'·13	11 10 55	·22373	18 11 05	53 41'·13	·30401
25 10 25	15 39'·50	18 10 25	·22382	25 10 15	53 40'·75	·30403
		25 10 55	·22330			
		28 9 37	·22369			

Table III.—Magnetic Declination West at every Hour of the Day as deduced from the Photographic Records

JULY 1950

15° +

Day / Hour	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day / Hour
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	
Midnight	41·6	41·0	40·4	42·2	42·0	41·0	41·0	41·2	41·4	—	41·0	42·0	42·2	41·8	—	—	Midnight
1h	41·4	40·8	40·2	43·6	41·8	40·8	40·4	40·8	41·0	—	40·4	41.8	42·2	42·0	—	—	1h
2	41·2	40·4	40·0	43·0	41·6	40·2	40·0	39·4	40·6	—	40·4	40.4	41·9	41·8	—	—	2
3	40·4	40.4	40·0	42·6	41·4	40·4	40·0	40·2	40·2	—	40·0	40·0	41·8	41·2	—	—	3
4	40·0	40·6	40·4	42·8	40·0	41·4	39·8	40·4	40·2	—	40·4	39·2	41·0	40·4	—	—	4
5	40·2	40.6	40·6	39·0	39·6	41·2	39·0	40·6	40·0	—	40·2	38·0	40·4	40·0	—	—	5
6	40·0	40·0	40·8	38·0	40·0	38·8	38·6	40·4	39·0	—	39·4	35·8	40·0	38·4	—	—	6
7	38·4	38·0	40·4	37·6	39·0	39·0	39·0	40·0	38·2	—	38·4	35·0	39·0	38·2	—	—	7
8	39·0	38·2	40·0	37·0	39·4	39·6	39·2	39·8	38·4	—	38.6	36·0	38·2	39·4	—	—	8
9	39·4	40·4	40·0	36·4	41·2	41·6	40·8	40·4	39·6	—	40·0	37·6	40·0	40·8	—	41·8	9
10	42·4	41·9	41·6	37·0	42·0	42·2	42·8	42·0	41·0	43·2	42·7	38·0	41·6	41·8	43·0	42·2	10
11	43·2	43·0	42·0	37·6	41·8	44·0	44·0	42·2	41·6	44·6	44·8	40·0	41·8	41·6	42·4	42·8	11
Noon	44·0	41·2	39·0	39·4	40·8	42·0	43·6	42·0	42·0	43·0	46·0	41·6	41·8	38·4	40·0	42·6	Noon
13h	43·0	39·0	38·0	39·6	40·0	39·0	42·4	42·0	43·2	40·4	45·6	42·4	40·0	39·6	38·6	41·0	13h
14	41·0	38·0	37·6	39·8	40·0	38·0	40·4	41·6	41·0	39·6	40·0	41·8	38·0	39·2	37·6	36·4	14
15	39·0	37.8	36·4	40·2	39·6	38·0	38·0	40·0	39·0	39·2	39·0	38·0	37·4	39·0	37·0	36·2	15
16	39·2	38·9	37·6	40·4	39·2	38·6	38·2	40·2	—	39·0	37·0	39·0	38·8	38·4	37·8	37·6	16
17	40·8	40·0	38·0	42·4	40·2	41·0	39·6	41·2	—	39·6	39·0	39·6	40·8	40·0	39·8	39·0	17
18	41·6	41·0	40·0	42·8	40·8	42·2	41·2	42·8	—	40·8	41·2	40·8	42·0	42·0	41·6	40·2	18
19	41·8	41·2	40·4	42·6	42·0	42·6	41·6	43·2	—	41·2	42·0	42·0	42·2	42·2	42·0	41·6	19
20	41·6	42·0	40·6	43·4	42·2	42·4	41·8	43·4	—	41·0	41·6	42·4	42.0	42·0	42·0	—	20
21	41·8	41·6	41·6	43·0	42·4	42·8	41·6	43·2	—	41·6	41·8	42·2	42·2	41·2	—	—	21
22	41·8	41·4	41·8	43·0	42·8	42·4	41·4	43·0	—	42·0	42·0	42·2	42·0	41·4	—	—	22
23	41·6	41·0	41·8	43·2	42·0	42·0	41·0	42·6	—	41·8	42·0	42·0	41·8	41·6	—	—	23

JULY 1950—*continued*

15° +

Day / Hour	17d	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean.	Day / Hour
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	
Midnight	—	40·4	40·4	41·4	40·0	—	—	40·0	44·0	—	41·8	41·7	40·0	40·2	—	41·3	Midnight
1h	—	40·6	40·6	41·2	40·0	—	—	39·8	43·4	—	41·6	41·0	40·0	—	—	41·2	1
2	—	40·2	40·8	41·0	40·0	—	—	40·0	44·4	—	40·8	40·2	40·0	—	—	40·8	2
3	—	40·2	41·2	41·2	40·2	—	—	40·0	43·6	—	40·6	40·4	40·0	—	—	40·7	3
4	—	40·4	42·0	41·4	39·6	—	—	40·0	40·2	—	40·4	40·4	39·0	—	—	40·5	4
5	—	40·6	41·8	40·6	39·8	—	—	40·0	41.8	—	40·2	39·0	38·6	—	—	40·1	5
6	—	40·4	41·8	40·4	39·6	—	—	40·0	38·4	—	40·2	38·0	39·4	—	—	39·4	6
7	—	39·4	40·4	39·2	38·8	—	—	38·8	36·2	—	40·4	37·2	39·0	—	—	38·6	7
8	—	39·6	40·6	39·0	38·9	—	—	39·2	36·0	—	40·2	37·4	39·2	—	—	38·8	8
9	—	40·4	41·0	40·0	40·2	—	—	41·6	37·0	—	42·6	39·6	40·6	—	—	40·1	9
10	—	41·0	42·0	41·0	41·8	—	39·0	41·8	39·2	—	44·0	40·4	42·0	—	—	41·4	10
11	42·0	41·2	42·0	42·6	42·0	—	39·6	41·6	39·8	—	44·2	41·8	42·0	—	—	42·0	11
Noon	39·0	41·0	41·4	44·0	41·6	—	40·0	41·8	37·6	—	43·0	42·2	41·9	—	—	41·2	Noon
13h	36·0	41·0	40·4	42·8	40·2	—	39·8	40·0	38·0	40·0	40·0	42·0	41·6	—	—	40·8	13h
14	35·0	40·4	38·0	40·0	38·6	—	38·0	39·0	37·6	38·4	38·0	39·8	39·6	—	—	39·4	14
15	35·6	38·0	38·2	39·0	37·4	—	35·6	37·0	38·0	37·4	37·4	38·0	38·2	—	—	38·3	15
16	36·4	37·4	39·2	39·6	37·2	—	35·2	37·4	38·2	38·0	38·4	38·2	37·6	—	—	38·5	16
17	39·0	39·0	40·4	40·0	38·4	—	37·2	39·0	40·0	39·6	40·0	39·8	38·8	—	—	39·9	17
18	40·0	40·4	41·0	41·4	40·0	—	38·6	41·2	40·0	40·0	41·6	40·4	40·2	—	—	41·2	18
19	40·4	41·0	42·0	42·0	40·4	—	39·6	41·7	42·0	40·2	42·0	41·2	41·2	—	—	41·8	19
20	40·6	41·4	42·0	42·0	41·0	—	40.0	41·4	42·6	41·0	42·0	41·3	41·4	—	—	41·9	20
21	40·8	41·2	42·0	41·8	40·8	—	40·8	41·8	42.0	41·8	42·4	41·0	41·0	—	—	41·9	21
22	41·0	41·0	41·2	41·2	40·6	—	41·0	43·0	43·4	42·0	42·0	41·0	40·4	—	—	41·9	22
23	41·0	41·0	40·8	40·4	40·4	—	40·6	44·0	44·2	41·8	41·8	40·4	40·0	—	—	41·7	23

Table IV.—Magnetic Horizontal Force at every Hour of the Day as deduced from the Photographic Records

(The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber)

JULY 1950

+ ·22000 (C.G.S. UNIT)

Day / Hour	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day / Hour
Midnight	293	310	321	312	291	331	339	337	342	344	340	307	311	333	334	337	Midnight
1h	294	312	322	305	—	330	342	336	344	346	352	318	312	327	336	342	1h
2	298	321	328	302	—	338	344	347	349	351	356	357	319	328	335	335	2
3	305	322	329	290	—	344	352	342	350	353	347	336	325	332	343	337	3
4	317	325	330	289	—	347	354	341	352	354	350	328	327	338	346	341	4
5	311	327	331	304	—	348	359	347	356	357	363	330	328	343	347	337	5
6	318	329	331	313	—	354	358	350	360	359	361	331	330	342	347	340	6
7	325	332	338	325	—	350	362	360	371	365	369	310	340	345	344	344	7
8	332	337	347	337	350	358	372	367	378	360	373	330	354	351	347	352	8
9	337	338	352	340	355	361	379	371	377	365	371	325	365	354	354	353	9
10	339	337	359	358	353	355	377	369	360	363	372	328	383	357	353	360	10
11	340	335	362	348	350	352	370	370	371	360	373	315	382	360	340	367	11
Noon	341	341	367	350	348	353	362	369	370	362	365	329	382	350	330	368	Noon
13h	342	339	370	348	340	352	358	365	361	369	357	310	378	343	340	370	13h
14	345	340	360	342	339	338	350	358	367	360	348	280	339	350	352	351	14
15	336	337	350	332	332	337	345	350	355	342	339	297	349	349	357	351	15
16	323	320	337	327	312	332	339	348	342	332	342	294	347	347	352	348	16
17	320	318	322	318	303	330	333	341	345	331	343	292	325	350	347	340	17
18	322	320	331	317	314	332	334	340	352	340	350	289	312	349	343	337	18
19	318	318	332	308	322	330	338	334	340	341	330	291	329	347	335	334	19
20	314	318	331	300	321	332	337	333	349	338	328	292	330	343	327	332	20
21	316	319	322	300	323	330	332	337	347	339	318	284	331	341	330	332	21
22	313	320	325	294	333	333	333	339	350	342	306	293	332	338	329	334	22
23	310	321	320	292	331	330	334	340	345	340	300	297	336	335	335	336	23

JULY 1950—*continued*

+ ·22000 (C.G.S. UNIT)

Day / Hour	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean.	Day / Hour
Midnight	338	353	348	353	342	—	—	344	308	300	325	339	332	—	—	331	Midnight
1h	339	354	347	357	353	—	—	343	310	307	327	342	333	—	—	333	1h
2	339	356	348	338	350	—	—	347	307	310	329	347	336	—	—	336	2
3	340	358	346	357	352	—	—	350	308	316	330	350	335	—	—	337	3
4	341	359	341	359	355		—	354	315	323	337	348	337	—	—	337	4
5	350	359	343	362	357	—	—	357	324	328	338	359	348	—	—	339	5
6	353	362	351	371	360	—	—	368	334	330	342	365	350	—	—	343	6
7	362	366	353	380	362	—	—	382	330	—	350	370	353	—	—	347	7
8	374	373	358	387	368	—	—	383	337	—	353	379	356	—	—	352	8
9	375	377	361	389	369	—	—	375	352	—	358	368	365	—	—	359	9
10	377	380	364	382	366	—	359	367	340	—	361	370	371	—	—	361	10
11	382	387	369	385	369	—	360	366	322	—	365	368	372	—	—	362	11
Noon	389	386	372	373	370	—	356	360	331	—	368	359	378	—	—	361	Noon
13h	380	378	378	372	368	—	341	359	323	332	374	350	383	—	—	361	13h
14	372	377	379	368	358	—	334	340	310	327	361	349	370	—	—	359	14
15	367	369	365	357	350	—	336	318	300	320	357	343	350	—	—	351	15
16	362	362	354	350	342	—	337	307	290	310	332	330	340	—	—	344	16
17	353	350	352	352	340	—	338	318	282	315	310	324	342	—	—	336	17
18	354	342	356	353	349	—	342	322	276	319	317	327	341	—	—	331	18
19	355	337	355	351	350	—	341	318	277	323	319	326	332	—	—	332	19
20	354	338	354	352	348	—	347	317	280	327	323	325	328	—	—	330	23
21	356	342	353	352	350	—	346	308	281	329	326	327	326	—	—	329	22
22	353	343	352	350	354	—	345	298	279	330	328	328	327	—	—	328	21
23	350	346	351	346	357	—	344	307	288	328	333	330	325	—	—	328	20

Table V.—Magnetic Vertical Force at every Hour of the Day as deduced from the Photographic Records

(The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber)

JULY 1950

+ ·30000 (C.G.S. UNIT)

Day / Hour	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day / Hour
Midnight	405	403	—	407	407	404	402	403	403	400	404	403	413	405	406	407	Midnight
1h	405	401	—	407	408	404	402	403	404	400	403	402	409	405	404	403	1h
2	402	400	—	408	408	404	402	402	404	400	401	400	408	406	402	401	2
3	401	397	—	410	406	401	402	405	404	400	402	400	408	405	401	400	3
4	398	397	—	409	401	400	400	404	403	402	402	403	408	404	402	399	4
5	399	398	—	403	400	400	400	404	402	402	400	402	408	403	401	399	5
6	399	397	—	400	400	398	399	403	401	402	401	403	407	404	402	398	6
7	399	396	—	398	398	397	398	400	398	401	398	400	402	403	402	398	7
8	401	397	—	396	399	399	397	398	397	405	399	400	403	403	405	399	8
9	405	403	—	396	404	406	396	401	400	407	402	408	408	409	409	399	9
10	413	405	—	396	410	408	397	408	407	413	404	410	405	410	410	410	10
11	412	401	400	398	409	409	403	409	406	408	405	403	400	404	409	404	11
Noon	410	395	401	400	409	408	392	406	401	394	402	401	394	392	403	403	Noon
13h	399	383	391	401	399	394	389	395	395	384	398	397	384	379	379	388	13
14	391	379	387	402	391	382	384	390	386	388	392	398	378	385	368	368	14
15	382	377	388	404	384	380	380	390	373	389	378	398	382	391	367	368	15
16	384	380	390	404	386	381	386	392	378	396	370	400	392	392	379	380	16
17	392	390	395	403	397	387	393	399	386	400	374	406	401	399	386	390	17
18	399	—	398	406	401	393	400	405	397	405	387	412	412	409	396	398	18
19	401	—	399	407	402	397	401	404	399	405	398	413	409	409	402	401	19
20	404	—	400	408	403	399	402	405	401	404	402	415	409	409	404	403	20
21	406	—	402	409	402	400	402	404	401	406	401	415	408	408	404	404	21
22	405	—	403	411	404	400	402	403	402	406	402	415	408	408	408	403	22
23	403	—	403	412	403	401	403	404	401	404	403	414	405	405	407	403	23

JULY 1950—*continued*

+ ·30000 (C.G.S. UNIT).

Day / Hour	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean.	Day / Hour
Midnight	402	401	402	401	399	—	399	395	402	413	—	399	397	—	—	404	Midnight
1h	401	400	402	400	398	—	397	395	403	412	—	398	397	—	—	403	1h
2	400	398	400	399	398	—	398	396	405	—	—	400	397	—	—	402	2
3	398	398	400	398	398	—	399	396	404	—	—	—	—	—	—	402	3
4	398	397	399	397	397	—	399	—	402	—	—	—	—	—	—	401	4
5	399	397	399	396	396	—	399	—	401	—	—	—	—	—	—	400	5
6	399	397	398	395	397	—	399	—	400	—	—	—	—	—	—	400	6
7	398	393	396	394	394	—	398	—	394	—	—	—	—	—	—	398	7
8	397	393	398	389	398	—	394	—	399	—	—	—	—	—	—	398	8
9	400	400	399	393	402	—	393	—	401	—	408	—	—	—	—	402	9
10	402	400	399	397	408	—	403	398	409	390	394	404	397	—	—	406	10
11	398	401	401	399	407	—	400	394	411	392	382	399	390	—	—	405	11
Noon	386	400	398	397	404	—	398	393	407	395	378	392	388	—	—	400	Noon
13h	379	395	397	397	398	—	389	389	398	393	384	389	380	—	—	392	13h
14	386	389	387	388	394	—	375	387	393	401	392	378	378	—	—	386	14
15	388	380	385	382	390	394	371	388	397	408	400	379	373	—	—	384	15
16	393	384	387	385	395	390	378	392	405	409	407	389	374	—	—	388	16
17	398	388	393	392	401	391	387	400	415	410	408	397	380	—	—	395	17
18	401	397	398	394	403	395	393	403	414	411	408	400	390	—	—	401	18
19	402	399	399	395	401	397	394	403	417	410	407	402	395	—	—	403	19
20	402	401	399	397	401	398	395	402	418	409	405	401	398	—	—	404	20
21	402	403	399	397	401	399	395	401	417	—	404	400	399	—	—	404	21
22	404	403	399	398	402	398	396	403	416	—	402	399	398	—	—	404	22
23	403	403	400	398	402	399	395	405	415	—	400	399	397	—	—	404	23

Table VI.—Results of Meteorological Observations made at the Aerological Station, Vacoas, (424.5 metres above mean sea-level) during the Month of July, 1950

Month and days 1950	Observations at 10 a.m.									Temperature of the Air							Rainfall			
	Atmospheric Pressure	Temperature of the Air	Excess of Air Temperature over Evaporation Temperature	Temperature of the Dew Point	Relative Humidity (Sat 100)	Vapour Pressure	Wind Direction	Wind Velocity	Amount of Cloud (Scale 0—8)	3h	9h	15h	21h	Daily Maximum	Daily Minimum	Daily Range	Amount recorded by the Casella Pluviograph	Duration	Duration of Bright Sunshine	Percentage of Possible Sunshine
JULY	mbs.	°C	°C	°C	%	mbs.	°	m.p.s.		°C	°C	°C	°C	°C	°C	°C	mms.	mins.	hrs	%
1	972·6	21·1	2·5	15·9	78	18·1	110	5·4	3	17·2	18·5	21·5	17·9	23·2	16·7	6·5	0·0	0	10.2	94
2	973·5	20·4	2·5	16·2	78	18·4	130	4·5	6	16·9	18·5	19·8	17·4	20·8	16·8	4·0	5·9	120	10·2	94
3	973·6	18·8	3·1	13·4	71	15·4	135	6·7	5	15·7	17·4	18·9	16·0	19·8	15·7	4·1	0·1	5	9.2	84
4	973·4	18·4	2·8	13·5	74	15·4	130	5·8	5	14·4	18·4	17·7	15·6	19·7	13·0	6·7	3·0	65	8·8	81
5	972·7	17·8	2·7	13·0	74	15·0	135	5·8	6	14·2	15·6	17·6	13·5	19·8	13·2	6·6	6·5	100	7·8	72
6	971·5	18·8	4·1	11·3	64	13·4	135	7·2	1	14·4	15·8	19·1	14·6	20·0	13·1	6·9	2·4	60	9·3	85
7	972·6	18·6	3·0	13·4	72	15·4	135	4·9	6	14·2	17·3	18·1	16·7	19·4	12·8	6·6	7·6	185	6·8	62
8	974·1	17·2	1·2	15·2	88	17·3	130	6·7	7	16·5	16·3	18·5	16·4	19·5	16.3	3·2	6·3	180	7·1	65
9	974·7	17·3	0·7	16·1	93	18·3	130	4·5	7	16·1	15·3	19·1	16·6	20·1	14·8	5·3	2·8	75	3·8	35
10	972·6	18·4	0·8	17·1	92	19·5	110	5·8	8	15·5	16·6	18·6	15·2	19·8	15·0	4·8	8·7	130	3·2	29
11	970·9	19·6	2·9	14·8	74	16·8	110	7·6	2	16·2	16·4	19·7	16·0	20·5	16·0	4·5	1·6	30	8·6	78
12	972·0	18·7	1·6	16·0	85	18·2	120	4·5	4	14·8	16·4	18·6	15·5	20·0	14·0	6·0	2·6	35	4·5	41
13	973·4	19·6	3·6	13·3	69	15·3	130	6·3	3	16·0	16·8	19·8	16·3	20.5	15·8	4·7	4·6	55	9·0	82
14	974·2	16·2	0·9	14·6	91	16·6	135	8·1	7	16·0	15·3	18·2	15·0	18·6	15·0	3·6	14·5	175	7·2	65
15	974·1	15·4	1·1	13·4	88	15·4	110	7·6	8	14·3	16·1	18·1	15·8	18·7	13·4	5·3	13·9	140	7·9	72
16	972·5	17·1	1·1	15·2	88	17·3	110	7·6	7	14·7	15·0	18·2	15·0	18·2	14·6	3·6	12·2	155	7·1	65
17	971·8	18·1	3·0	12·8	71	14·8	110	7·2	3	14·9	16·1	19·0	15·7	19·7	14·3	5·4	1·7	30	9·6	87
18	972·9	18·7	1·5	16·3	86	18·5	110	9·4	8	16·1	17·2	18·0	17·3	19·5	15·6	3·9	3·5	75	3·0	27
19	974·7	19·3	3·7	12·8	67	14·8	110	8·1	3	16·7	18·2	19·5	16·8	20·2	15·3	4·9	3·0	75	10·2	93
20	974·7	17·7	1·1	15·9	90	18·1	130	4·5	8	15·5	17·4	17·8	16·0	20·2	15·0	4·2	0·0	0	4·2	38
21	973·8	15·9	1·0	14·1	88	16·1	135	9·4	6	14·7	15·8	18·0	14·9	19·0	13·6	5·4	3·5	55	6·2	56
22	974·1	18·2	2.4	14·1	77	16·1	110	5·4	4	14·9	16·3	18·1	14·9	19·5	14·6	4·9	4·7	80	6·2	56
23	973·3	16·9	1·0	15·2	90	17·3	110	4·9	7	14·2	14·4	19·0	15·2	19·6	13·0	6·6	3·9	75	6·3	57
24	974·6	17·8	1·1	15·9	89	18·1	120	5·4	7	15·1	15·8	16·6	15·2	18·8	15·1	3·7	10.5	165	3·4	31
25	975·2	17·8	3·2	12·1	70	14·1	110	5·4	7	14·8	17·0	18·6	16·0	19·6	14·1	5·5	0·6	10	7·1	64
26	974·4	16·6	0·8	15·2	92	17·3	110	6·7	7	14·6	14·9	16·3	15·9	19·2	14·2	5·0	18·8	205	4·8	43
27	974·0	19·0	3·1	13·6	71	15·6	100	8·1	6	15·2	18·1	19·0	16·2	20·9	14·8	6·1	4·6	40	9·3	84
28	972·6	18·9	1·4	16·5	86	18·8	110	4·9	6	16·2	17·8	18·2	16·8	19·8	15·6	4·2	2·1	35	3·3	30
29	971·7	19·2	1·3	17·1	87	19·5	110	2·7	7	16·9	17·0	20·8	16·9	21·5	16·0	5·5	1·1	20	2·3	21
30	972·1	19·3	3·3	13·6	70	15·6	150	4·5	5	15·8	17·0	19·5	16·0	20·7	15·1	5·6	0.2	5	10·3	92
31	972·5	19·3	3·2	13·7	70	15·7	110	4·9	1	14·4	18·0	19·0	16·1	21·0	13·5	7·5	0·0	0	10·8	96
Mean	973·2	18·3	2·1	14·6	80·0	16·7	—	6·1	5·5	15·4	16·7	18·7	15·9	19·9	14·7	5·2	150·9	2380	7·02	63·8
Average	972·4	19·0	2·1	15·4	80·0	17·5	—	5·1	6·2	—	—	—	—	21·0	15·1	5·9	126·6	2964	—	—
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

EXCESS OF CERTAIN ELEMENTS AT PAMPLEMOUSSES OVER THE CORRESPONDING ELEMENTS AT VACOAS

Atmospheric Pressure	+	42·4 mbs	Amount of rain	—	105·4 mms
Temperature of the Air		—°C	Duration of Bright Sunshine	+	29·2 hrs
Vapour Pressure		—mbs	Mean of Maximum temperatures	+	2·9°C
Relative Humidity		—%	,, Minimum temperature	+	1·7°C
Velocity of Wind	—	0·4 mps.	Absolute Maximum temperature	+	1·5°C
Amount of Cloud		—	Minimum temperature	—	0·3°C

Table VII.—Daily Results of Meteorological Observations made during the month of July, 1950

Month and Day 1950	Atmospheric Pressure		Temperature of the Air					Excess of Air Temp. over Evaporation Temp.	Temperature of the Dew Point		Relative Humidity (Saturation=100)		Vapour Pressure	Minimum on the Grass
	Mean	Excess above Average	Daily Maximum	Daily Minimum	Daily Range	Mean	Excess above Average		Mean	Excess above Average	Mean	Excess above Average		
JULY	mbs.	mbs.	°C	°C	°C	°C	°C	°C	°C	°C	%	%	mbs	°C
1	1013·9	+ 0·2	24·7	17·1	7·6	20·6	+ 0·6	2·1	17·2	+ 1·2	81	+ 4	19·6	12·4
2	1014·1	+ 0·3	24·0	17·7	6·3	20·5	+ 0·5	2·5	16·4	+ 0·4	77	0	18·7	13·5
3	1014·8	+ 0·9	22·9	15·3	7·6	18·8	− 1·2	3·4	12·8	− 3·2	68	− 9	14·8	11·0
4	1014·7	+ 0·8	22·6	13·0	9·6	17·5	− 2·5	2·0	14·1	− 1·9	80	+ 3	16·1	10·8
5	1013·2	− 0·7	22·6	15·6	7·0	18·8	− 1·2	3·5	12·7	− 3·3	67	− 10	14·7	12·0
6	1012·3	− 1·7	22·9	12·9	10·0	17·6	− 2·4	3·3	11·7	− 4·3	67	− 10	13·7	9·6
7	1013·5	− 0·5	22·8	15·1	7·7	18·6	− 1·3	2·6	14·2	− 1·7	76	− 1	16·2	11·5
8	1014·9	+ 0·9	22·5	18·4	4·1	20·1	+ 0·2	3·4	14·3	− 1·6	69	− 8	16·3	14·9
9	1015·5	+ 1·4	23·3	17·5	5·8	20·1	+ 0·2	2·8	15·4	− 0·5	74	− 3	17·5	14·8
10	1012·9	− 1·2	21·9	17·8	4·1	19·5	− 0·4	0·5	18·8	+ 2·9	95	+ 18	21·7	12·4
11	1011·7	− 2·4	23·6	18·1	5·5	20·5	+ 0·6	3·2	15·1	− 0·8	71	− 6	17·2	14·9
12	1012·7	− 1·4	23·4	14·3	9·1	18·5	− 1·3	1·4	16·1	+ 0·3	80	+ 9	18·3	12·8
13	1014·8	+ 0·7	23·2	18·2	5·0	20·4	+ 0·6	5·2	10·9	− 4·9	54	− 23	13·0	15·0
14	1015·6	+ 1·5	21·6	17·9	3·7	19·4	− 0·4	3·1	14·0	− 1·8	71	− 6	16·0	13·6
15	1015·0	+ 0·9	22·6	15·2	7·4	18·6	− 1·2	3·3	12·7	− 3·1	69	− 8	14·7	10·5
16	1013·0	− 1·1	22·2	17·2	5·0	19·4	− 0·4	2·8	14·6	− 1·2	74	− 3	16·6	13·3
17	1012·9	− 1·2	22·8	16·3	6·5	19·2	− 0·6	3·7	12·7	− 3·1	65	− 12	14·7	12·5
18	1014·6	+ 0·5	23·6	18·5	5·1	20·7	+ 0·9	2·5	16·6	+ 0·8	77	0	18·9	15·4
19	1016·4	+ 2·3	23·6	18·4	5·2	20·7	+ 0·9	4·0	13·8	− 2·8	65	− 12	15·8	14·0
20	1016·3	+ 2·2	22·0	16·7	5·3	19·0	− 0·8	4·3	11·2	− 5·4	61	− 16	13·3	12·0
21	1015·7	+ 1·6	22·3	16·4	5·9	18·0	− 1·8	3·1	12·5	− 3·1	70	− 7	14·5	11·6
22	1015·2	+ 1·1	22·4	16·8	5·6	19·3	− 0·4	3·1	13·9	− 1·6	71	− 6	15·9	11·9
23	1015·1	+ 1·0	21·6	15·8	6·8	18·4	− 1·3	2·3	14·4	− 1·1	78	+ 1	16·4	12·6
24	1016·1	+ 2·0	22·0	16·9	5·1	19·1	− 0·6	1·6	16·4	+ 0·9	84	+ 7	18·7	14·6
25	1016·7	+ 2·6	22·6	16·6	6·0	19·3	− 0·4	3·7	12·7	− 2·8	65	− 12	14·7	14·7
26	1016·3	+ 2·2	23·1	16·9	6·2	19·7	0·0	3·1	14·3	− 1·2	71	− 6	16·3	14·5
27	1014·9	+ 0·8	22·9	17·3	5·6	19·8	+ 0·1	3·0	14·8	− 0·7	72	− 5	16·8	14·0
28	1013·6	− 0·5	23·3	17·9	5·4	20·3	+ 0·6	2·1	16·8	+ 1·3	81	+ 4	19·1	13·0
29	1012·4	− 1·7	23·2	13·8	9·4	18·2	− 1·5	0·4	17·5	+ 2·0	96	+ 20	20·0	15·6
30	1012·9	− 1·2	21·7	12·5	9·2	16·8	− 2·9	1·7	13·8	− 1·7	83	+ 7	15·8	9·5
31	1013·3	− 0·8	23·2	16·6	6·6	19·6	− 0·1	2·5	15·4	− 0·1	77	+ 1	17·5	13·9
Mean	1014·4	+ 0·3	22·8	16·4	6·4	19·3	− 0·5	2·8	14·4	− 1·3	74·0	− 2·9	16·5	13·2
Aver.	1014·1	—	23·7	16·5	7·2	19·8	—	2·5	15·7	—	76.9	—	17·8	13·1
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14

GENERAL WEATHER CONDITIONS DURING THE MONTH OF JULY, 1950

The month was quite normal with consistent trade winds caused by a series of anticyclones moving eastwards well south of Mauritius. The high pressure centres were, however, rather further south than usual bringing colder air up from the south.

Rainfall was about normal in all districts of the island.

Table VII *contd.*—**Daily Results of Meteorological Observations made during the month of July, 1950**

Month and Day 1950	Rainfall: Amount recorded by the Dines Pluviograph	Rainfall: Duration	Amount of Evaporation	Duration of Bright Sunshine	Percentage of Possible Sunshine	Observed Wind Velocity: Mean	Observed Wind Velocity: Excess above Average	Temperature of the Soil: 10 Feet	5 Feet	2 Feet	12 Inches
JULY	mms.	min.	mm.	hrs.	%	m.p.s.	m.p.s.	°C.	°C.	°C.	°C.
1	0·0	—	3·9	8·4	77	3·1	− 0·7	25·1	24·6	23·1	23·3
2	0·0	—	5·0	10·2	94	3·4	− 0·4	25·1	24·3	23·0	23·1
3	0·2	10	4·4	8·9	82	3·6	− 0·2	25·1	24·2	22·9	23·2
4	0·0	—	3·0	8·4	77	3·6	− 0·2	25·1	24·4	22·9	23·3
5	0·1	10	2·9	9·8	90	3·8	0·0	25·1	24·5	22·7	22·9
6	0·7	40	3·0	9·8	90	3·8	0·0	25·0	24·2	22·6	22·2
7	3·4	80	3·2	8·9	82	3·7	− 0·1	25·0	24·5	22·5	22·3
8	2·1	75	3·3	9·3	85	5·1	+ 1·3	25·0	24·4	22·4	22·3
9	0·7	25	4·7	7·3	67	3·7	− 0·1	25·0	24·3	22·4	23·6
10	4·4	130	2·3	4·5	41	3·7	− 0·1	25·0	24·4	22·2	22·3
11	0·5	15	1·6	7·2	66	3·6	− 0·2	25·0	24·2	22·3	22·5
12	0·0	—	3·2	7·6	69	3·9	+ 0·1	25·0	24·4	22·2	22·5
13	1·9	35	4·0	9·7	88	4·7	+ 0·9	25·0	24·4	22·2	22·3
14	4·3	160	2·9	8·4	76	5·8	+ 2·0	25·0	24·6	22·2	22·4
15	1·4	50	3·7	8·6	78	4·5	+ 0·7	24·9	24·3	22·2	22·6
16	0·7	30	3·3	8·0	73	4·7	+ 0·9	24·9	24·1	22·1	23·4
17	0·1	5	2·8	10·1	92	4·9	+ 1·1	24·9	24·3	22·0	21·9
18	0·0	—	4·1	8·4	76	5·6	+ 1·8	24·9	24·4	21·9	22·1
19	0·0	—	4·0	9·7	88	4·7	+ 0·9	25·0	24·6	21·9	22·3
20	0·0	—	2·0	4·2	38	4·5	+ 0·7	24·8	24·1	21·9	22·3
21	1·2	40	5·1	7·7	70	4·2	+ 0·4	24·8	24·1	21·8	22·3
22	2·2	60	3·1	6·3	57	4·0	+ 0·2	24·7	24·1	21·9	22·5
23	3·4	70	3·8	4·5	40	3·1	− 0·7	24·7	24·1	21·9	22·1
24	3·4	95	1·3	7·4	67	4·5	+ 0·7	24·7	24·1	21·9	22·2
25	2·8	30	3·6	8·4	76	5·1	+ 1·3	24·7	24·1	21·9	22·2
26	6·5	140	3·7	7·7	69	5·4	+ 1·7	24·7	24·2	21·9	22·2
27	1·3	30	2·1	8·4	76	5·5	+ 1·8	24·7	24·4	21·7	22·0
28	0·2	10	3·1	5·8	52	3·2	− 0·5	24·7	24·0	21·7	21·9
29	4·0	55	2·0	2·7	24	2·5	− 1·2	24·6	24·2	21·7	22·2
30	0·0	—	2·6	10·1	91	2·6	− 1·1	24·5	23·9	21·7	22·0
31	0·0	—	3·8	10·5	94	2·9	− 0·8	24·5	24·0	21·7	22·1
Mean	Sum 45·5	Sum 1185	3·3	7·96	72·4	4·11	+ 0·33	24·89	24·27	22·18	22·47
Average	59·6	1281	3·6	7·57	68·6	3·78	—	—	—	—	—
Column	15	16	17	18	19	20	21	22	23	24	25

MEANS AND EXTREMES OF CERTAIN METEOROLOGICAL ELEMENTS DURING THE MONTH OF JULY, 1950

Element	*Highest*			*Date*	*Lowest*			*Date*
Atmospheric Pressure	1018·1mbs	at	10.00 hrs.	on 25th	1010·4 mbs	at	15·00 hrs.	on 11th
Temperature of the Air	24·7°C	,,	—	,, 1st	12·5°C	,,	—	,, 30th
Daily range of temperature of the Air	10·0°C	,,	—	,, 6th	3·7°C	,,	—	,, 14th
Temperature of the Dew Point ...	18·8°C	,,	—	,, 10th	10·9°C	,,	—	,, 13th
Daily range of temperature of the Dew Point	—	,,	—	,, —	—	,,	—	,, —
Minimum on Grass	—	,,	—	,, —	9·5°C	,,	—	,, 30th
Relative Humidity	96%	,,	—	,, 29th	54%	,,	—	,, 13th
Vapour Pressure	21·7mbs	,,	—	,, 10th	13·0mbs	,,	—	,, 13th
Evaporation in 24 hours	5·0mms	,,		,, 2nd	1·3mms	,,	—	,, 24th
Wind Velocity	8·9mps	,,	12·00 hrs.	,, 14th	—	,,	—	,, —
Rainfall in 24 hours	8·8mms	ending	23 00 hrs.	,, 26th	—	,,	—	,, —
Duration of Sunshine	10·5hrs.		—	,, 31st	2·7 hrs.	,,	—	,, 29th

NUMBER OF DAYS OF

Rainfall: 0.1—0·9 mms.	1·0—4·9 mms.	5·0—9·9 mms.	10·0—24·9 mms.	25·0—39·9 mms.	40·0—54·9 mms.	55·0 & over mms.	Lightning	Thunderstorm
8	13	1	—	—	—	—	—	—

Table VIII. - Barogram

JULY 1950

The initial 10 or 9 is omitted. The unit in the table is 0·1 millibar.

Day / Hour	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day / Hour
Midnight	15:	148	147	156	143	133	130	145	165	150	122	130	140	156	168	146	Midnight
1h	151	147	146	154	141	131	128	145	163	148	121	123	138	155	163	143	1
2	147	146	144	150	137	129	124	144	162	138	116	121	137	151	159	140	2
3	141	143	141	146	135	126	120	138	157	135	113	116	137	149	155	136	3
4	138	137	140	144	135	124	119	138	156	130	112	117	136	148	142	131	4
5	137	135	139	144	133	123	126	138	156	128	111	118	137	148	145	129	5
6	137	137	143	150	135	125	133	142	157	129	112	121	145	148	143	130	6
7	142	133	148	148	137	127	136	146	162	134	116	123	145	155	147	130	7
8	144	149	154	152	141	130	140	153	170	139	120	129	151	156	160	137	8
9	147	153	158	156	145	133	146	159	173	143	125	136	156	164	165	144	9
10	146	156	161	156	145	134	145	164	174	146	126	140	158	170	164	145	10
11	144	151	157	155	137	129	144	159	157	136	122	135	156	166	162	141	11
Noon	139	143	153	150	133	118	135	152	169	129	116	130	153	156	156	133	Noon
13h	128	136	145	143	124	112	130	144	149	121	110	122	147	152	147	125	13h
14	122	132	138	136	119	107	127	136	144	116	105	116	140	148	141	116	14
15	120	128	136	135	115	105	125	136	140	114	104	113	136	143	136	114	15
16	121	131	138	136	115	105	127	139	138	115	105	115	138	145	137	112	16
17	125	135	142	141	117	110	134	142	139	116	109	120	143	147	141	116	17
18	132	136	143	142	121	116	135	146	140	119	114	124	147	154	142	118	18
19	137	138	148	144	126	118	137	151	145	120	117	130	152	161	146	122	19
20	142	142	154	147	133	125	143	155	149	123	125	137	157	165	148	127	20
21	145	145	156	148	136	129	147	162	151	125	129	142	162	171	148	132	21
22	147	145	158	147	136	131	148	166	152	125	133	143	162	170	149	133	22
23	148	148	158	144	134	133	146	168	151	123	130	141	160	167	148	133	23

JULY 1950—*continued*

The initial 10 or 9 is omitted. The unit in the table is 0·1 millibar.

Day / Hour	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean.	Day / Hour
Midnight	129	141	163	166	168	154	154	156	177	171	166	149	138	131	143	1014·9	Midnight
1h	127	142	162	166	168	156	154	157	174	173	163	148	136	129	143	1014·8	1
2	123	136	157	164	164	153	150	156	169	167	157	142	132	126	139	1014·5	2
3	118	133	156	160	158	146	145	153	164	164	150	135	125	120	133	1014·0	3
4	119	131	156	156	156	144	145	149	162	157	148	134	120	121	132	1013·8	4
5	120	131	156	155	156	145	145	148	160	156	145	130	116	121	130	1013·7	5
6	122	133	162	157	159	146	147	156	161	155	147	129	116	121	133	1014·0	6
7	125	142	167	165	164	149	153	162	167	159	149	134	117	125	138	1014·3	7
8	132	146	172	169	167	158	155	165	174	164	155	140	123	132	140	1014·9	8
9	138	149	175	174	172	162	159	167	177	170	159	150	121	136	145	1015·3	9
10	138	152	177	178	171	165	162	173	181	173	163	152	136	140	146	1015·6	10
11	136	152	174	173	165	160	157	171	176	170	156	148	129	137	141	1015·2	11
Noon	132	149	168	168	157	156	149	165	168	166	148	140	124	130	136	1014·6	Noon
13	124	143	161	161	149	148	141	157	162	157	141	134	118	123	128	1013·8	13h
14	120	137	156	156	144	143	141	150	156	150	140	129	113	120	120	1013·3	14
15	119	138	155	152	145	142	140	150	152	151	135	123	109	116	116	1013·0	15
16	119	142	154	153	145	144	140	151	154	155	135	121	115	117	118	1013·2	16
17	123	145	156	155	146	146	142	155	156	155	136	124	115	122	122	1013·5	17
18	127	146	161	155	146	148	148	158	159	159	141	126	116	126	124	1013·8	18
19	132	151	167	158	148	153	152	165	164	164	143	133	123	129	128	1014·2	19
20	140	156	170	164	153	159	156	168	168	167	149	137	128	135	135	1014·7	20
21	142	164	173	167	156	164	159	171	174	169	151	142	132	141	136	1015·1	21
22	147	167	174	168	157	161	162	173	174	171	155	143	136	144	136	1015·2	22
23	144	166	169	167	156	157	161	175	172	169	153	137	136	144	135	1015·1	23

Table IX—Duration of Bright Sunshine at the Aerological Station, Vacoas by the Campbell Stokes Sunshine Recorder

JULY 1950

Day / Hour Ending	d 1	d 2	d 3	d 4	d 5	d 6	d 7	d 8	d 9	d 10	d 11	d 12	d 13	d 14	d 15	d 16	d 17	d 18	d 19	d 20	d 21	d 22	d 23	d 24	d 25	d 26	d 27	d 28	d 29	d 30	d 31	Total Hours
	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m	m.	m.	m.	m	m.	m.	m.	m.	m.	m.	
6h	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0·0
7	6	20	7	7	0	0	17	0	0	0	5	0	0	0	0	0	0	0	21	0	0	0	14	0	0	0	1	4	0	6	28	2·3
8	60	60	53	60	8	5	60	0	0	15	10	16	10	1	7	10	28	9	60	0	26	33	20	23	27	0	21	32	0	60	60	12·8
9	60	58	55	60	28	60	60	0	10	20	38	7	46	0	40	33	60	25	60	11	57	51	19	23	59	15	60	28	0	60	60	19·4
10	60	60	53	52	56	60	60	8	0	14	60	48	50	12	22	60	60	43	60	6	53	51	38	29	34	30	60	24	0	60	60	21·4
11	60	33	60	54	57	60	60	30	3	50	60	42	60	50	58	60	60	15	60	10	57	43	60	8	36	43	48	22	41	60	60	23·7
Noon	60	60	60	38	52	60	28	60	26	30	60	10	53	60	60	45	60	19	60	32	60	29	45	5	50	35	47	23	60	60	60	23·5
13	60	60	41	35	44	60	34	60	52	18	60	10	60	60	60	58	60	8	60	27	53	38	49	29	58	43	60	31	27	60	60	23·9
14	60	60	60	40	60	60	26	60	23	35	56	26	58	60	55	60	54	24	60	20	13	57	53	13	60	50	60	4	5	60	60	23·2
15	60	60	60	43	60	60	27	60	25	10	37	20	60	60	60	60	60	0	60	39	25	36	42	27	46	24	60	0	5	60	60	21·8
16	57	60	55	53	42	60	35	60	41	0	59	40	60	60	38	32	60	0	60	50	18	19	28	6	29	23	60	12	0	60	60	20·6
17	55	60	28	60	40	60	0	60	52	0	53	50	60	55	53	5	60	19	44	57	13	16	9	21	24	24	60	15	0	60	60	19·5
18	16	20	18	23	20	10	0	25	5	0	15	3	20	16	22	0	12	18	7	2	0	0	0	21	0	0	18	4	0	12	21	5·5
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0·0

The Total Amount of Registered Sunshine was 217·7 hrs. and the total possible Sunshine was 340·9 hrs

Table X.—Duration of Bright Sunshine at the Royal Alfred Observatory by the Campbell Stokes Sunshine Recorder

JULY 1950

Day / Hour Ending	d 1	d 2	d 3	d 4	d 5	d 6	d 7	d 8	d 9	d 10	d 11	d 12	d 13	d 14	d 15	d 16	d 17	d 18	d 19	d 20	d 21	d 22	d 23	d 24	d 25	d 26	d 27	d 28	d 29	d 30	d 31	Total Hours
	m.	m.	m.	m.	m.	m.	m.	m	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	
6h	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0·0
7	0	16	0	0	6	0	6	0	1	0	0	0	0	4	0	15	5	10	6	0	0	0	0	0	0	0	0	0	0	15	22	1·8
8	19	60	46	48	55	35	60	21	35	10	41	46	31	17	5	16	60	50	60	1	32	5	2	7	58	0	20	42	35	60	60	17·3
9	60	60	45	60	50	60	60	55	0	31	60	35	60	5	45	50	60	50	60	17	45	35	48	60	30	16	60	55	2	60	60	23·2
10	60	60	60	60	45	60	60	55	2	27	60	12	60	60	60	45	60	60	60	16	57	60	47	60	60	60	60	52	8	60	60	26·1
11	49	60	43	60	60	60	35	52	23	58	60	34	60	60	60	43	60	60	60	2	43	60	0	40	38	60	60	31	42	60	60	24·9
Noon	53	60	60	60	55	60	50	60	60	48	55	34	60	60	60	40	60	60	45	16	45	36	45	35	60	60	48	47	22	45	60	26·0
13h	60	60	60	43	60	60	53	60	60	36	60	60	60	60	60	60	60	51	60	50	30	60	60	47	60	60	53	8	0	60	60	27·2
14	60	60	60	50	60	60	52	60	60	14	60	60	60	60	60	54	60	48	60	60	60	44	10	60	60	60	50	10	30	60	60	26·8
15	60	45	60	46	60	60	46	60	60	35	20	60	60	60	60	58	60	30	60	60	50	39	57	52	50	54	49	20	16	60	60	26·1
16	46	60	60	46	60	60	53	60	60	1	0	60	60	60	60	36	60	38	60	30	60	15	0	36	30	45	40	23	7	60	60	22·4
17	38	60	40	20	60	60	48	60	60	12	15	50	55	55	45	55	60	40	50	1	42	25	0	45	45	48	58	55	11	60	60	23·4
18	0	11	0	1	16	15	10	16	15	0	0	4	14	5	0	10	0	10	0	0	0	0	0	0	10	0	5	5	0	3	10	2·7
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0·0

The Total Amount of Registered Sunshine was 246·9 hrs. and the total possible sunshine was 340·9 hrs.

Table XI.—Direction and Velocity of the Wind at every Hour of the Day as recorded by the Robinson Cup Anemometer during July, 1950

The directions are given in points and the values indicate the direction from which the wind blows counting from North 32, East 8, South 16 and West 24
The Velocities are given in Metres per Second, using the factor 2·2
*(The days on which the Normal Trade-Winds are interrupted are indicated by an asterisk *).*

JULY 1950

Day	1d.		2d		3d.		4d.		5d.		6d.		7d.		8d.		9d.		10d.		11d.		12d.		13d.		14d.		15d.		16d.	
Hour	Dir.	Vel.	Dir.	Vel.	Dir	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
Midnight	10	1·4	10	1·8	10	2·5	14	1·2	12	3·7	11	1·5	10	2·7	08	3·6	11	3·0	11	2·9	10	2·4	10	2·1	10	5·0	10	3·4	08	4·6	10	4·1
1h	10	2·2	10	1·8	11	3·6	15	1·7	12	3·2	11	2·5	12	1·7	09	3·8	11	2·2	11	2·6	08	2·8	10	2·4	11	4·1	10	3·1	08	5·3	10	4·0
2	10	2·1	10	1·8	12	3·1	15	2·7	12	2·8	11	2·1	12	3·6	08	3·0	09	2·8	10	2·9	10	2·1	10	2·1	10	4·7	10	4·2	10	4·1	11	4·4
3	10	2·8	10	1·9	11	1·9	15	2·1	10	2·9	12	1·3	10	4·6	09	4·1	10	2·7	11	2·4	10	3·1	12	2·1	11	3·9	10	4·1	10	3·5	10	4·1
4	10	2·1	10	2·2	11	1·2	10	2·5	11	2·6	12	1·4	10	3·9	08	4·7	11	3·0	11	2·4	10	3·0	11	2·8	11	4·0	10	4·1	10	2·3	11	4·4
5	10	2·4	10	2·7	11	1·8	10	2·6	11	4·4	12	3·0	11	3·0	08	4·8	11	2·5	11	2·0	11	3·0	11	1·8	10	4·2	10	4·3	12	4·5	10	5·1
6	10	2·7	10	3·1	12	1·6	10	0·9	10	3·7	10	3·1	10	2·3	10	4·5	11	2·8	07	1·8	11	2·9	12	1·9	07	4·4	10	5·2	12	4·3	10	4·6
7	06	2·6	10	2·3	12	2·0	10	1·7	10	3·7	12	4·5	14	1·1	09	4·5	10	3·0	09	2·1	11	3·4	12	3·1	08	4·1	10	3·5	08	2·2	10	4·5
8	06	2·3	10	2·9	12	1·8	10	1·4	12	4·2	12	3·6	14	0·9	10	4·4	10	3·7	11	2·3	11	3·6	12	2·2	10	3·4	10	5·1	12	4·0	10	3·9
9	10	3·9	10	4·4	12	4·0	10	4·0	10	4·5	10	5·4	12	5·0	10	5·8	08	3·4	10	3·4	10	4·4	10	3·1	10	4·7	11	6·1	10	3·7	10	5·0
10	07	5·0	10	5·2	11	6·5	10	5·4	10	5·1	11	6·7	09	4·8	10	5·7	10	4·7	09	4·9	10	5·3	10	4·0	08	6·0	10	8·0	11	5·8	08	5·3
11	08	5·3	08	5·9	12	7·0	10	6·0	10	6·5	10	6·2	10	4·8	11	6·7	10	5·3	09	6·3	10	5·6	10	4·4	09	7·2	11	8·4	10	6·5	11	5·1
Noon	08	4·4	08	5·7	10	7·3	10	6·4	10	6·9	11	7·2	11	5·5	11	7·5	09	6·9	10	6·3	11	5·0	10	4·3	10	6·3	10	8·9	12	7·0	09	6·5
13h	07	4·5	10	5·3	13	6·3	11	5·3	10	7·0	10	6·5	10	5·3	11	7·4	08	5·9	09	6·6	08	4·9	10	5·0	08	5·9	10	8·6	10	7·0	10	6·5
14	05	4·6	12	4·6	12	5·8	11	6·0	11	5·8	12	6·4	12	4·8	11	7·8	08	5·8	10	5·3	11	5·5	10	6·2	10	6·6	12	7·6	10	7·3	10	6·3
15	08	4·1	12	5·2	12	6·4	11	5·4	11	6·7	11	5·4	12	4·9	11	6·7	08	5·9	09	5·3	09	4·5	11	6·4	10	6·6	12	8·3	11	6·1	10	5·8
16	08	3·6	12	4·8	12	6·0	12	5·5	11	5·2	11	4·7	11	4·7	11	6·8	09	5·0	10	5·3	10	4·8	10	5·9	09	5·5	11	7·2	10	6·2	11	5·9
17	10	2·8	12	4·3	12	4·8	12	4·4	11	4·9	10	3·9	12	4·1	11	5·5	10	4·0	10	3·8	10	3·7	09	5·9	10	5·1	10	7·7	10	4·4	10	4·4
18	10	2·9	12	3·5	12	3·7	12	2·0	12	3·1	11	2·7	12	2·3	11	4·3	10	2·2	08	3·5	10	3·6	10	4·4	10	3·9	12	6·7	12	3·0	12	4·6
19	10	2·8	13	3·0	12	2·2	13	4·1	12	0·8	11	3·3	10	2·3	12	4·1	10	2·1	11	3·6	10	2·5	10	4·0	10	2·3	10	5·9	12	1·8	10	4·7
20	10	2·2	12	1·6	12	2·0	13	2·5	12	2·3	12	1·9	10	3·8	10	4·3	10	2·6	11	3·8	10	2·2	10	4·1	10	4·4	10	5·4	12	2·3	10	4·0
21	10	2·7	10	2·7	13	2·1	12	4·1	12	1·2	12	2·0	09	4·1	11	4·4	10	3·1	11	3·3	10	2·8	10	4·4	10	3·8	11	5·4	12	3·1	10	4·0
22	10	2·8	11	3·2	13	2·2	12	4·3	12	1·1	12	1·9	09	3·7	10	4·1	11	3·8	10	3·6	10	2·5	10	4·6	11	3·6	10	3·5	11	4·0	10	3·9
23	10	2·2	10	2·1	12	2·2	12	3·1	12	0·6	12	2·3	09	3·8	11	3·8	10	3·4	11	3·6	10	3·1	10	4·0	11	3·9	10	3·9	10	3·9	11	3·3

JULY 1950—*continued*

Day	17d.		18d.		19d.		20d.		21d.		22d.		23d.		24d.		25d.		26d.		27d.		28d.		29d.		30d.		31d.		Mean
Hour	Dir.	Vel	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Velocity
Midnight	10	4·4	08	4·6	09	3·9	10	4·0	10	3·5	08	3·3	11	2·9	11	2·5	11	2·7	11	4·3	10	4·2	10	2·3	10	1·8	11	1·9	12	1·1	3·0
1h	11	3·8	12	4·4	09	4·4	10	3·9	10	4·0	11	3·0	12	3·1	10	3·5	12	4·0	08	4·3	10	4·9	10	1·3	06	1·4	11	2·0	12	0·6	3·1
2	10	3·7	10	3·5	09	4·4	11	4·2	10	4·3	11	1·9	*04	2·1	10	3·2	12	4·3	10	2·9	10	4·7	10	3·2	10	1·5	11	2·0	12	1·1	3·1
3	10	2·8	10	4·1	09	4·8	11	2·1	09	4·9	10	2·9	10	2·2	11	3·2	12	3·3	10	3·6	10	4·9	10	2·3	10	2·3	13	1·6	12	2·1	3·0
4	10	2·2	10	4·7	08	5·5	12	4·1	08	3·1	10	3·5	12	2·9	11	2·7	12	3·5	10	4·0	09	5·0	10	2·2	10	3·9	13	1·5	12	1·7	3·1
5	12	2·7	10	3·4	10	4·7	12	4·6	10	2·6	10	3·5	12	2·4	08	3·0	11	4·7	10	4·2	08	4·6	10	2·7	10	0·9	13	1·7	11	2·1	3·2
6	10	2·5	10	5·1	10	3·5	14	2·5	11	2·9	10	4·0	12	2·1	08	3·8	12	3·6	10	4·9	08	5·8	10	3·6	11	1·8	13	1·2	11	2·9	3·2
7	10	3·2	08	4·1	10	2·7	13	2·2	10	3·9	10	2·8	12	2·3	11	2·4	12	4·0	10	5·4	10	4·4	10	3·0	11	2·0	13	2·0	12	2·3	3·1
8	10	4·2	09	4·9	10	2·4	11	2·2	09	4·9	10	4·0	10	2·6	10	3·2	11	4·5	10	4·9	10	4·0	08	3·0	10	2·2	12	3·6	12	2·1	3·3
9	10	5·0	09	7·3	09	4·9	08	4·9	09	5·2	09	4·4	10	3·1	09	5·2	12	5·1	10	4·6	09	5·7	09	3·4	10	3·5	13	2·1	10	4·1	4·5
10	09	6·2	09	8·5	10	6·5	11	4·9	10	5·4	10	6·0	04	4·6	10	6·2	10	6·7	08	6·2	08	6·6	08	5·9	09	4·1	12	4·1	11	5·2	5·7
11	11	7·2	10	8·5	08	6·7	10	6·1	11	5·4	09	5·9	06	3·4	10	6·0	10	5·9	09	8·1	09	7·6	06	3·7	08	4·0	12	4·1	10	5·3	6·0
Noon	08	7·2	09	7·9	08	7·6	10	6·9	10	6·5	09	6·7	08	4·6	11	6·2	10	6·7	10	7·7	09	6·9	07	4·8	08	3·9	10	5·1	09	5·0	6·3
13h	09	6·8	10	7·9	08	6·4	10	6·8	10	6·6	09	6·7	09	5·6	10	6·6	10	7·0	08	8·3	08	8·0	07	4·1	11	3·4	11	5·2	10	5·1	6·2
14	08	7·0	10	7·7	09	6·5	10	6·6	10	7·3	11	6·0	08	4·4	08	6·8	11	6·9	09	7·7	09	8·4	08	4·8	10	3·2	12	5·0	10	4·2	6·1
15	10	6·8	10	7·2	10	6·4	09	6·1	10	5·9	10	5·6	08	4·1	08	5·2	11	6·6	08	7·6	08	7·8	08	4·6	10	3·3	11	4·1	10	4·2	5·8
16	10	6·6	10	7·4	10	5·7	10	6·1	09	5·0	10	5·5	11	3·8	10	6·0	10	6·7	10	7·1	09	7·9	10	4·9	10	3·3	11	3·9	10	4·1	5·5
17	10	5·7	08	6·3	11	4·7	10	5·8	08	4·4	11	4·3	12	1·9	10	6·3	11	6·6	08	6·6	09	6·9	10	4·0	10	2·9	12	3·6	10	3·6	4·7
18	10	4·7	09	5·7	10	4·1	10	5·5	11	2·5	11	3·4	12	2·3	11	5·8	11	4·9	10	4·3	10	5·9	10	2·8	10	1·6	12	1·6	11	1·9	3·7
19	10	5·4	08	5·1	11	3·1	10	5·4	10	1·8	12	2·2	12	2·7	11	4·3	10	4·2	10	4·5	09	4·4	10	3·0	11	1·8	12	0·6	12	2·4	3·2
20	11	5·0	08	4·8	10	3·2	10	3·4	12	3·8	12	1·9	12	2·2	10	4·3	10	4·8	10	4·1	10	4·6	10	2·2	11	2·0	12	2·1	12	2·0	3·2
21	10	4·9	08	4·2	10	2·2	10	3·2	10	2·9	12	1·8	12	2·8	10	3·9	10	5·8	10	3·9	10	3·5	10	2·0	11	1·3	12	1·0	12	2·0	3·2
22	10	4·0	08	4·3	10	3·8	11	3·4	10	2·4	12	2·7	10	3·7	11	4·4	10	4·8	11	4·4	11	2·8	10	2·3	10	1·8	12	2·1	12	2·1	3·3
23	10	5·9	09	4·2	10	4·2	10	3·3	11	2·9	11	3·0	10	2·2	11	4·3	11	5·2	10	5·6	08	3·0	10	2·0	10	1·2	12	1·2	12	2·1	3·2

Table XII.—Wind Frequency (Number of Observations) July, 1950

Hour	Force (0–12)			Direction															
	8 or above	4 to 7	0 to 3	N.	N.N.E.	N.E.	E.N.E.	E.	E.S.E.	S.E.	S.S.E.	S.	S.S.W.	S.W.	W.S.W.	W.	W.N.W.	N.W.	N.N.W
.	...	...	31	...	...	...	...	3	17	10	..	1	...	...	...	...	...	...	...
9		4	27	...	...	...	...	9	17	5	...	...	...	...	...	...	..	...	...
15	...	18	13	...	...	...	...	10	9	12	...	...	...	...	...	...	...	..	...
21	...	1	30	...		...	...	2	16	13	...	...	...	...	...	...	...	...	...
Totals	...			...	...	...	...	24	59	40	...	1	...	...	...	...	...	..	...

Table XIII.—Rainfall at every Hour of the Day at the Royal Alfred Observatory, July 1950

Day / Hour	1d	2d	3d	4d	5d	6d	7d	8d	9d	10d	11d	12d	13d	14d	15d	16d	17d	18d	19d	20d	21d	22d	23d	24d	25d	26d	27d	28d	29d	30d	31d
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1h	...	...	0·2	...	...	...	...	...	...	...	0·4	...	...	0·5	...	0·1	...	...	..	...	...	0·1	..	0·2	...	0·9	0·3	..	0·3	...	...
2	...	...	...	...	...	...	...	0·7	0·7	...	0·1	...	...	0·3	...	...	..	...	...	...	...	0·4	...	...	...	0·2	...	...	1·1	...	...
3	...	...	..	...	...	...	...	0·1		...	...	...	...	0·5	...	...	...	...	...	...	...	0·2	...	0·1	..	...	...	...	2·6	...	...
4	...	...	...	...	...	...	..	1·0	...	...	...	...	...	...	...	...	...	..	...	...	...	0·3	...	...	...	0·1	0·1	...	...	...	...
5	...	...	...	...	...	...	...	...	...	..	...	...	...	...	0·1	...	0·1	...	...	...	...	0·4	...	0·4	...	...	...	...	...	...	...
6	...	...	..	...	0·1	0·3	...	0·2	...	0·2	...	...	...	...	...	...	...	...	...	...	...	0·4	...	0·9	..	...	...	...	...	...	...
7	...	...	...	...	...	...	...	...	...	0·3	...	...	...	...	0·3	...	...	...	...	...	0·1	0·3	...	0·2	...	0·8	...	...	...	..	...
8	...	...	...	...	...	...	..	0·1	...	0·2	...	...	.	...	0·2	...	.	...	..	...	0·2	0·1	...	0·1	...	1·0	0·2	...	...	...	...
9	..	...	...	...	...	...	...	...	...	0·2	...	...	...	0·3	0·6	0·1	...	...	..	...	...	...	0·1	...	..	1·8	0·6	..	...	...	...
10	...	...	...	...	...	...	...	...	...	1·3	..	...	...	...	...	...	...	...	...	...	..	...	...	...	...	0·1	...	..	..	...	...
11	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	0·2	...	...	...	...	...	...	1·7	0·9	...	...	...	...	...	...	...
Noon	...	..	...	...	...	...	...	...	...	0·1	...	...	..	...	...	...	...	...	...	...	..	...	0·6	...	...	...	...	...	...	...	...
12h	...	...	...	...	...	...	...	..	...	0·2	...	...	...	...	...	...	...	...		...	...	...	...	...	...	0·2	...	...	...	...	...
14		..		...	...	..	...	...	...	0·9	..	..	...	...	...	...	...	..	..	..	..	...	..	...	...	...	...	0·2	...	...	...
15	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	0·1	0·1		...	...	...
16	...	..	..	...	..	...	...	...	...	0·3	...	...	...	...	...	...	...	...	...	...	...	...	0·5	...	...	...	...	..	...	...	...
17	...	..	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	..	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	0·7	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	...	0·1	...	...	...	...	...
19	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	...	0·3	...	...	..	...	0·1	...	...	...	...	...	...	..	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	...	...	...	...	...	...	0·2	...	...	...	...	...	...	...	...	...	...
21	...	..	...	...	..	..	...	...	...	...	...	...	1·3	0·1	...	..	...	..	...	...	...	..	...	...	0·3	...	...	..	.	..	...
22	...		...	.	...	...	0·2	...	...	...	...	...	...	0·1	...	...	..	...	...	...	0·4	...	...	...	...	0·3	...	...	...	...	..
23	...			...	...	...	0·6	...	...	...	...	...	0·8	...	0·1	...	...	...	...	...	...	...	0·1	0·4	0·1	0·8	...	...	...	...	...
24	...	...	.	...	...	0·1	1·6	...	...	...	...	...	0·8	2·2	0·1	...	...	..	...	...	0·2	...	0·2	0·1	2·4	0·1	...	...	...	...	...
	...	...	...	...	...	0·3	1·0	...	...	...	...	...	0·8																		

Table XIV.—Rainfall at every Hour of the Day at the Aerological Station, Vacoas, for July, 1950

Day / Hour	1d	2d	3d	4d	5d	6d	7d	8d	9d	10d	11d	12d	13d	14d	15d	16d	17d	18d	19d	20d	21d	22d	23d	24d	25d	26d	27d	28d	29d	30d	31d
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1h	...	..	...	...	1·0	0·3	1·0	0·3	0·2	...	...	...	...	2·8	...	2·0	...	...	...	...	...	0·4	0·6	0·2	...		2·0	0·9	...	...	...
2	...	...	...	0·2	0·2	...	0·2	0·9	1·0	...	0·4	...	...	1·4	...	2·0	...	...	...	...	...	...	...	...	..	1·3	1·0	..	...	...	...
3	...	..	...	...	1·1	...	...	1·1	0·5	...	...	...	...	1·0		0·2	...	...	...	..	...	...	..	0·9	...	1·1	0·6	...	0·3	...	...
4	...	...	..	...	...	...	...	1·1	0·3	...	0·8	...	...	1·5	..	0·3	0·1	...	...	...	...	0·4	0·2	1·0	...	1·5	...	...	0·8	...	...
5	..	.	...	...	0·4	0·8		1·1	...	..	0·2	..	..	0·5	1·5	..	0·6	...	...	...	...	0·2	...	1·5	.	2·1	...	.	...	...	...
6	...	...	...	..	...	0·2	...		...	0·8	...	...	...	...	0·5	1·9	...	...	...	...	0·5	0·9	...	1·5	...	2·3	..	0·3	...	...	...
7	...	...	...	...	...	...	..	0·6	...	0·1	..	...	0·4	...	0·9	0·6		0·5	0·1	...	0·1	0·7	1·4	1·2	...	...	0·6	...	...	...	...
8	..	...	.	...	1·0	0·2	...	0·5	0·5	...	0·1	0·2	...	2·5	1·2	1·2	0·5	0·1	0·1	...	...	1·2	...	1·1	...	2·0	...	...	...	...	
9	...	...	...	...	0·8	...	...	0·5	0·3	1·8	...	0·5	...	0·5	...	0·2	...	0·1	...	...	0·1	..	0·3	0·1	..	1·0	0·4	.	...	...	..
10	...	...	...	...	0·7	...	...	...	...	...	0·1	...	...	...	2·2	...	...	...	...	...	...	...	...	0·1	...	2·1	...	...	...	0·2	...
11	...	0·5	..	...	...	...	...	...	...	0·8	...	...	...	..	...	...	...	...	...	...	..	...	...	0·6	...	...	..	...	...	...	...
Noon	...	...	...	...	0·5	...	...	...	...	0·4	...	...	...	...	...	...	...	1·1	...		.	...	...	0·3	...	0·1	...	0·9	...	...	...
12h	...	.	...	..	0·5	...	...	...	...	0·5	...	...	...	...	...	...	...	0·8	...	...	...	..	...	...	...	0·1	...	...	...	...	...
14	...	...	...	0·1	...	...	...	...	...	...	...	...	...	...	...	..	...	0·4	...	...	...	...	...	0·7	...	...	...	...	...	...	...
15	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	0·5	...	...	...	...	...	...	...	0·8	...	..	...	...	...
16	...	...	...	..	0·2	...	...	...	...	0·6	...	...	...	...	...	...	...	...	...	...	...	...	...	0·3	...	0·5	...	...	...	...	...
17	. .	...	0·1	...	...	...	...	...	...	2·1	...	...	...	...	...	0·3	...	...	...	...	..	..	...	0·4	...	0·6		...	...	...	...
18	...	...	...	...	...	...	0·8	...	...	0·3	...	...	...	...	...	0·8	...	...	...	...	...	...	0·3	0·1	...	1·1	...	...	...	...	...
19	...	...	...	0·3	...	...	1·0	...	...	...	...	...	...	2·2	0·5	1·3	...	...	0·9	...	...	...	...	...	...	...	...	...	...	...	...
20	...	1·0	...	0·1	...	...	0·9	...	...	0·6	...	...	0·9	1·0	...	0·9	...	...	0·2	...	1·2	...		0·5	...	...	...	...	...	...	...
21	...	1·0	...	0·7	...	...	0·6	...	...	0·4	...	1·0	1·2	0·8	0·3	0·5	...	.	0·8	...	...	...	0·5	..	...	...	...	...	...	...	...
22	..	1·0	...	. .	...	...	0·6	...	...	...	...	0·9	...	0·3	2·3	...	...	...	0·9	.	0·5	..	0·3	...	...	1·2	...		...	..	...
23	...	1·6	..	0·2	0·1	0·9	1·0	...	...	0·3	...	...	1·1	...	3·5	...	0·5	...	...	.	1·1	0·2	0·3	..	0·1	...	...	...	...	...	...
24	...	0·8	...	1·4	...	...	1·5	0·2	...	...	...	...	1·0	...	1·0	..	...	...	...	...	...	0·7	...	...	0·5	1·0	...	...	...	...	...

Table XV.—Total Monthly Rainfall at Various Stations in Mauritius according to Districts, July, 1950

Districts	Stations	Approximate Altitude in feet	Total Fall in Inches	Total Fall in mms.	Normal in Inches	Number of days
B. River ...	Albion	—	1·08	27·4	—	9
	Anna Ltd., Bambous ...	—	0·16	4·1	—	2
	Beaux Songe	—	—	—	—	—
	Case Noyale ...	—	—	—	—	—
	Clarens ...	—	0·49	12·4	—	8
	Govt. School, Bambous ...	—	0·80	20·3	—	8
	Grande Rivière Noire ...	—	—	—	—	—
	La Ferme	—	1·34	34·0	1·25	9
	La Mecque ...	—	1·06	26·9	—	10
	Médine	—	0·79	20·1	—	10
	Mon Désir, Tamarin ...	—	0·60	15·2	—	3
	Palma	—	—	—	—	—
	Palmyre	—	0·42	10·7	—	6
	Petit Verger	—	—	—	—	—
	Pierre Fonds ...	—	1·88	47·8	1·14	13
	Richelieu	—	1·11	28·1	—	13
	Tamarin	—	2·13	54·1	—	6
Port Louis	Abercrombie Nursery ..	—	1·45	36·9	—	22
	Line Barracks... ...	—	1·08	27·4	—	15
P/mousses	Beau Plan	—	1·04	26·4	—	5
	Belle Vue (Harel) ...	—	2·25	57·2	—	11
	Belle Vue (Maurel) ...	—	2·51	63·8	—	12
	Bois Rouge (de St. Romain)	—	—	—	—	—
	Botanical Gardens ...	325	1·55	39·3	3·21	17
	California ...	—	4·98	126·5	—	14
	Couroupa ..	—	—	—	3·07	—
	Fond du Sac (Ramlagan) ...	—	—	—	—	—
	Govt.School, Pl. des Papayes	—	5·55	140·9	—	8
	La Nicolière	—	3·96	100·6	4·89	25
	Montagne Longue ...	—	—	—	—	—
	Mapou ...		—	—	—	—
	Massilia and Balaklava ...	—	—	—	—	—
	Mont Choisy, Grand Bay...	—	2·29	58·2	—	10
	Mon Mascal, Grrnd Bay ...	—	1·95	49·5	—	4
	Mont Piton	680	3·00	76·2	4·16	12
	Mon Songe (Mapou) ...	620	2·57	65·3	4·23	10
	Rouge Terre, Fond du Sac...	—	2·40	61·0	—	7
	Solitude	175	4·54	115·3	1·44	9
	Sottise, Mapou ...	—	2·26	57·4	—	14
	Terre Rouge	—	—	—	—	—
	The Observatory ...	179	1·91	48·5	2·28	22
	Maison Blanche ...	—	1·44	36·6	—	8
	Le Souvenir	—	1·58	40·1	—	12
	Pampl. Experiment Stn. ...	—	2·35	59·7	—	18
	Notre Dame (La Nouvelle Industrie Ltée)	—	1·42	36·1	—	10
Rivière du Rempart	Antoinette ...	640	2·59	65·8	3·96	10
	Beau Bois, B. Verdière ...	—	5·44	138·2	—	27
	Beau Séjour ...	300	2·39	60·7	4·16	10
	Bel Etang	—	—	—	—	—
	Bel Mont ..	50	2·29	58·2	2·86	11
	Espérance (Harel) ...	—	—	—	—	—
	Espérance (Souchon) ...	—	3·52	89·4	—	17
	Forbach	—	2·52	64·0	2·08	14
	Govt. School, Grand Bay ...	—	4·24	107·8	—	10
	Haute Rive	—	—	—	—	—
	Ile d'Ambre	—	2·55	64·8	—	5
	Labourdonnais	290	2·41	61·0	3·10	11
	L'Amitié	—	—	—	—	—
	Mare Sèche, Grand Bay ...	20	—	—	2·32	—
	Mon Choix	700	2·10	53·3	3·54	10
	Mon Loisir (Lagesse) ...	—	2·66	67·6	3·54	15
	Mon Loisir (Rouillard) ...	—	—	—	—	—
	Mon Tracas (Audibert) ...	—	—	—	—	—
	Petit Raffray, (Mapou) ...	—	—	—	—	—
	Poudre d'Or	20	2·49	63·2	2·89	10
	Ravensworth	—	3·60	91·4	—	10
	Schœnfeld	—	—	—	—	—
	Saint Antoine ...	50	1·50	38·1	2·72	12
Flacq ...	Australia, Pont Praslin ...	—	1·46	37·1	—	8
	Beau Bois, St. Julien ...	—	5·05	128·3	—	12
	Beau Champ G.R.S.E. ...	20	3·28	83·3	3·19	20
	Bel Etang	—	7·08	179·8	—	24
	Belle Mare, Argy ...	—	—	—	—	—
	Belle Rive	400	5·15	130·8	6·43	19
	Belle Vue (Allendy) ..	—	3·36	85·3	4·07	17
	Bois Clair	—	—	—	—	—
	Brisée Verdière ...	—	—	—	—	—
	Camp de Masque ...	—	—	—	—	—
	Caroline, Bel Air ..	—	—	—	—	—
	Castel Estate, Bel Air ...	—	—	—	—	—
	Clémencia	—	—		—	—
	Constance La Gaieté ...	100	3·78	96·0	3·73	17
	Deep River	—	5·08	129·0	—	21
	Etoile	—	6·57	166·9	—	18
	Govt. School, Central Flacq	—	1·33	33·7	—	20
	Govt. School, G.R.S.E. ...	—	3·49	88·7	—	17
	Grande Retraite ...	—	3·50	88·9	—	7
	Grosse Roche ...	—	—	—	—	—
	La Lucie, Bel Air ...	—	—	—	—	—
	Melrose, Montagne Blanche	—	—	—	—	—
	Olivia	400	4·65	118·1	5·57	17
	Palmar	—	—	—	—	—
	Petite Etoile, Bel Air ...	—	—	—	—	—
	Petite Victoria	—	—	—	—	—
	Queen Victoria ...	—	3·07	78·0	—	15
	Rich Fund, St. Julien ...	—	4·10	104·1	—	15
	Terres Franches ...	—	5·02	127·5	—	18
	Terres Rocheuses ...	—	5·31	134·9	—	17
	Rivière Sèche ...	—	3·35	85·1	—	10
	Ruisseau Rose ...	—	—	—	—	—
	Sans Souci	900	9·77	248·7	9·73	27
	Sébastopol	—	—	—	—	—
	Trois Ilots ...	—	3·67	93·2	—	20
	Union Regnard S. E. ...	600	5·20	132·1	4·83	22
	Unité	—	—	—	—	—
	Beau Rivage	—	2·36	59·9	—	11
G. Port .	Anse Jonchée	—	1·40	35·6	—	10
	Astroea, Cluny ...	—	3·69	93·7	—	21
	Beau Lieu, Union Park ...	—	—	—	—	—
	Beau Vallon ...	—	2·44	62·0	—	13
	Deux Bras	—	6·50	165·1	—	23
	Eau Bleu, Cluny ...	—	—	—	—	—
	Ferney	20	2·65	67·3	5·00	14
	Grand Bois, Rose Belle ...	—	—	—	..	—
	Gungah Frères, New Grove	—	—	—	—	—
	Khoratty, Escalier ...	—	—	—	—	—
	La Vallée, Cluny ...	—	—	—	—	—
	Le Vallon	—	—	—	—	—
	Mare d'Albert ...	—	—	—	—	—
	Mon Désert Carié ...	75	1·64	41·7	2·98	14
	Mon Trésor	—	3·61	91·7	—	15
	New Grove	650	6·59	167·4	—	18
	Plaisance Airfield ...	160	3·27	83·1	—	27
	Riche en-Eau	—	4·51	114·6	—	19
	Rose Belle	850	7·34	186·5	8·40	26
	Sauve Terre	—	1·43	36·3	—	10
	Savinia	—	1·66	42·2	—	5
	Ste. Hélène	—	2·65	67·3	—	12
	St. Hubert, Cluny ...	—	9·75	247·7	—	23
	Ste. Madeleine, Cluny ...	—	—	—	—	—
	Union Park	—	—	—	—	—
	Union Vale	—	2·08	52·8	—	17
	La Baraque	—	2·02	51·3	—	12
Savanne	Baie du Cap	—	—	—	—	—
	Beau Bois	—	5·44	138·2	—	27
	Beau Champ B. du Cap ...	70	2·90	73·7	2·75	13

Table XV contd.—Total Monthly Rainfall at Various Stations in Mauritius according to Districts, July, 1950

Districts	Stations	Approximate Altitude in feet	Total fall in Inches	Total fall in mms.	Normal in Inches	Number of days
Savanne	Beau Climat	—	10·47	265·9	—	24
	Bel Air, Montocchio ...	—	—	—	—	—
	Bel Air, St. Félix ...	—	1·95	49·5	—	11
	Bel Air, Ch. Grenier ...	—	—	—	—	—
	Bel Ombre .	40	1·94	49·3	2·94	10
	Bènarès	—	2·65	67·3	—	22
	Bois Chèri Tea Factory ...	—	11·38	289·1	-	25
	Britannia ...	700	5·95	151·1	6·45	23
	Camp Diable	—	—	—	—	—
	Cascades	—	—	—	—	—
	Chamouny, Chemin Grenier	—	—	—	—	—
	Choisy, Baie du Cap ...	200	3·09	78 5	2·90	19
	Colmar ...	400	5·07	128·8	5·27	22
	Combo	—	3·86	98·0	—	23
	Fontenelle	320	3·46	87·9	4·55	21
	Frédérica ...	—	4·42	112·3	3·50	15
	Joli Bois, Rivière Dragon...	—	—	—	—	-
	La Flora . ..	1,050	9·22	234·2	8·67	24
	Luchon	—	—	—	—	—
	Martinière, Souillac ...	—	—	—	—	-
	Plaines Longanes ...	—	-	—	—	—
	Riche Bois	650	3·99	101·3	6·92	23
	Rnxa, R. des Anguilles ...	—	2·84	72·1	—	13
	Savannah	200	1·78	45·2	3·86	20
	Saint Aubin	300	2·99	75·9	4·53	24
	Saint Avold	900	6·45	163·8	7·38	24
	Saint Félix	—	1·87	47·5	—	9
	Sainte Marie	—	3·46	87·9	—	13
	Terracine	—	3·10	78·7	—	26
	Tivoli	1,300	6.79	172·5	9·38	24
	Union Sugar Estate	—	3·84	97·5	3·95	24
	Vale Riche	—	6·71	170·4	—	11
	R. des Anguilles, S E. ...	—	4·02	102·1	—	22
Plaines Wilhems	Aerological Station, Vacoas	1,393	5·94	150·9	4·50	28
	Bagatelle	1,250	5·21	132.3	3·96	21
	Barkly, Beau Bassin ...	—	2·24	56·9	—	18
	Bassin, Quatre Bornes ...	—	2·76	70·1	2·14	20
	Belle Vue (Martin) ...	—	0·99	25·1	—	6
	Chebel	—	1·21	30·7	—	9
	Clermont, Petite Rivière ...	—	—	—	—	—
	Curepipe Gardens ...	1,840	11·60	294·7	3 17	28
	Ebène ...	—	3·44	87·4	—	20
	Floréal	—	—	—	—	—
	Gros Cailloux, Pte. Rivière	—	1·32	33·5	—	7
	Henrietta	--	4·58	116·3	—	26
	Highlands	1,000	8.22	208·8	4·49	25
	Crown Land Wootton ...	—	10·72	272·4	—	26
	La Marie Filter Beds ...	1,700	9·27	235·5	6·75	29
	Les Rosiers, Pte. Rivière ...		0·97	24·6	—	6
	Malgré Tout, Pte. Rivière	—	—	—	—	—
Plaines Wilhems	Moon ...	—	3·07	78·0	—	25
	Mare-aux-Vacoas (Arnaud)	1,830	12·01	305·1	11·21	30
	Mare-aux-Vacoas (G. End.)	1,850	12·21	310·1	11·28	30
	Midlands Dam ...	—	12·65	321·3	—	22
	Nouvelle France ...	—	—	—	—	--
	Parc-aux-Cerfs (Tea Plantations)	—	10·87	276·1	—	26
	Pétrin	—	13·60	345·4	—	28
	Phœnix	—	5·56	141·2	—	10
	Quatre Bornes... ...	1,090	3·43	87·1	—	14
	Réunion	1,420	7·41	188·2	5·15	26
	Roches Brunes, B Bassin	—	—	—	—	-
	Royal College, Curepipe ...	—	—	—	—	—
	Tamarin-Falls ..	—	5·27	184·7	—	23
	Trianon	950	3·98	101·1	2·73	15
	Mare Longue	—	11 48	291·6	—	29
Moka ...	Alma	1,460	9·52	241·8	7.97	28
	Béga	—	2·47	62·7	—	19
	Beau Bois (Moka) ...	—	-	—	—	—
	Bonne Veine	400	8 79	223·3	7·60	25
	Chantenay, Moka ...	—	—	—	—	—
	Circonstance	—	—	—	—	—
	Côte D'Or	—	5·55	141 0	—	14
	Helvetia	—	—	—	—	—
	Hermitage	1,450	7·66	194·6	7·32	21
	Le Réduit	1,000	3·38	85·9	2·50	23
	Minissy	1,150	5·10	129·5	3·20	21
	Mon Désert		4 59	116·6	—	21
	Mon Ida, Q. Militaire ...	—	—	—	—	—
	Mont Pévril	—	4·76	120·9	—	21
	Mon Rêve	—	4·15	105·4	—	21
	Réduit Ltd., Moka ...	—	—	—	—	—
	Ripailles, St. Pierre ..	—	—	—	—	—
	Piton du Milieu Reservoir...	—	12·83	325·9	—	30
	Flat Island	--	0·27	7·0	—	2
Rodrigues	Oyster Bay	—	3·67	93·2	—	17
	Point Venus	—	4·67	118·6	—	24
	Solitude	—	7·64	194·0	—	21
Chagos	Diégo Garcia, Met. Station	—	2·83	72·0	—	17
Archipelago	Péros Banhos	—	0·18	4·5	—	3
	Salomon Islands (Boddam)	—	6·56	116·6	—	6
Cargados Caragos	St. Brandon	—	1·28	32·6	—	17
Agalega	Met. Station	—	4·40	111·7	—	24

Table XVI.—Observations of Pilot Ballons, month of July, 1950

Date	Time	1,000 feet		3,000 feet		5,000 feet		7,000 feet		10,000 feet		13,000 feet		15,000 feet		17,000 feet		20,000 feet		25,000 feet		30,000 feet	
		Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.
1	08.40	10	19	08	20	10	12	12	16	..	..	...	...	...	...	...	...	...	...	...	...	...	...
2	08.25	13	17	12	22	13	23	...	..	...	...	...	...	...	...	...	...	...	...	..	...	...	...
3	08 54	14	16	13	22	13	23	13	26	...	..	...	...	...	..	...	...	..	...	...	...	...	...
4	08.22	12	16	12	22	11	22	15	13	16	21	...	...	..	...	...	...	...	...	...	...	...	...
5	08.45	13	28	12	29	11	26	...	..	.	...	...	...	...	...	...	..	...	...	...	...	...	...
6	08.50	13	15	12	23	10	12	08	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	08 55	13	13	11	14	09	24	...	...	...	...		...	...	..	...	...	...	...	...	...	...	...
8	09.01	12	27	11	27	10	25	...	...	...	...	...		...	...	...	...	...	...	...	..	...	...
9	09.07	11	18	10	23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	08.40	11	19	09	21	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	..	...	...
11	08.43	12	18	12	17	08	07	08	08	09	08	...	...	...	...	...	...	..	...	...	..	...	...
12	08.42	12	17	09	15	08	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	08.37	13	28	11	30	13	12	...	...	...	...	...	...	...	...	...	..	..	...	...	...	...	...
14	09.50	13	21	13	26	14	26	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...
15	09.07	12	28	11	27	11	26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	08.38	11	22	10	05	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	08.09	12	22	12	20	11	22	11	20	...	...	...	...	...	...	...	...	...	..	...	...	...	...
18	08.42	12	28	12	34	09	25	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...
19	08.40	12	20	11	32	14	19	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...
20	08 48	12	22	12	24	11	17	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...
21	09.09	12	22	12	16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	08.00	11	21	11	24	08	16	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	08.59	10	15	08	18	07	18	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...
24	08.48	12	26	10	18	09	18	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...
25	08.38	12	27	11	17	08	16	09	05	12	11	21	13	...	...	...	...	...	...	...	...	...	...
26	08.58	11	27	10	28	10	30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27	08.50	10	22	09	23	09	31	.	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...
28	08.40	09	16	08	13	11	10	22	09	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	09.00	11	12	10	11	12	04	...	...	...	...	...	...	...	...	...	...	.	...	...	...	...	...
30	08.20	14	17	15	20	18	05	17	19	...	...	...	...	...	...	..	...	...	...	...	...	..	...
31	09.15	12	24	11	24	12	13	16	04	28	10	28	15	33	14	24	09	25	14	...	...	...	...

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PART VIII

COLONY OF MAURITIUS

Royal Alfred Observatory, Mauritius

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RESULTS

OF

Magnetical and Meteorological Observations

FOR THE MONTH OF

AUGUST, 1950

N. R. McCURDY, B.Sc.
Director.

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WEATHER BUREAU

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Table I—Results of Magnetical Observations made during the month of August, 1950

Month and Day	Mean: Declination (West)	Mean: Horizontal Force (C.G.S. Units)	Mean: Vertical Force (C.G.S. Units)	Daily Range: Declination	Daily Range: Horizontal Force (Unit 1 γ)	Daily Range: Vertical Force (Unit 1 γ)
AUG.						
1	—	—	—	—	—	—
2	—	—	—	—	—	—
3	—	—	—	—	—	—
4	—	—	—	—	—	—
5	—	—	—	—	—	—
6	—	—	—	—	—	—
7	—	—	—	—	—	—
8	15°41'·1	·22307	·30404	7·2	50	24
9	40·9	304	409	6·4	62	32
10	41·3	320	408	5·6	58	18
11	40·6	315	409	6·0	42	24
12	40·8	315	408	8·0	44	30
13	40·9	317	406	6·2	35	37
14	40·3	323	403	5·6	36	31
15	40·1	333	400	7·4	38	33
16	40·4	337	401	7·8	35	36
17	40·4	344	400	7·4	46	22
18	40·1	328	398	6·6	72	42
19	40·6	—	—	3·0	—	—
20	40·6	—	—	4·0	—	—
21	42·6	286	—	9·0	50	—
22	40·8	—	—	5·8	—	—
23	40·9	315	—	9·6	59	—
24	41·3	316	—	8·2	44	—
25	41·3	312	425	7·8	34	45
26	41·3	315	423	6·8	27	35
27	40.6	332	419	8·0	24	47
28	40·7	339	—	6·0	49	—
29	40·1	326	421	4·8	65	34
30	40·9	323	421	5·8	59	36
31	41·3	327	416	5·4	50	31
Mean	15°40'·83	·22321	·30410	6'·60	46·6	32·8

Magnetic Disturbances—August, 1950

No Register from the 1st to the 7th.

7d. Slightly disturbed.

8d. Moderately disturbed.

9d. Slightly disturbed.

10d. Moderately disturbed.

12d. Slightly disturbed.

14d. Moderately disturbed.

15d. Slightly disturbed.

18d. Moderately disturbed.

19d. Moderately disturbed during first half. A very disturbed period started at 14^h10^m and ended at 16^h50_m on 20th. The range was over 210γ.

21d. Moderately disturbed.

28d. Slightly disturbed.

29d. Slightly disturbed.

30d. Slightly disturbed.

T=·37723: Mean Dip=53°43'·27: X=·21490: Y=−·060327: Z=·30410

Table II.—Results of the Absolute Determinations of the Magnetic Elements made during the month of August, 1950

Declination (West)		Horizontal Force		Dip (South)		Resulting Vertical Force
Day and Hour	Observed Value	Day and Hour	Observed Value	Day and Hour	Observed Value	
d h m	° ′	d h m		d h m	° ′	
7 10 15	15 38·50	2 9 42	·22329	7 10 05	53 42·75	·30396
14 10 35	15 40·87	7 10 40	·22352	14 10 47	53 43·50	·30399
21 10 25	15 44·25	14 10 10	·22338	21 10 09	53 42·87	·30402
28 10 40	15 43·75	18 9 50	·22350	28 10 52	53 43·37	·30398
		21 10 50	·22308			
		28 10 08	·22362			
		31 10 10	·22348			

Table III.—Magnetic Declination West at every Hour of the Day as deduced from the Photographic Records

AUGUST 1950

15° +

Day / Hour	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day / Hour
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	
Midnight	—	—	—	—	—	—	—	42·0	42·4	43·0	40·6	42·0	42·0	41·4	41·8	40·4	Midnight
1h	—	—	—	—	—	—	—	42·0	42·0	42·0	41·6	41·8	41·6	41·8	41·2	40·0	1h
2	—	—	—	—	—	—	—	44·0	43·0	41·8	42·6	41·6	41·8	41·0	40·2	40·4	2
3	—	—	—	—	—	—	—	45·0	40·0	42·0	40·0	41·4	41·2	41·0	41·2	41·0	3
4	—	—	—	—	—	—	—	40·6	41·0	40·4	40·4	41·8	41·4	40·6	41·0	40·4	4
5	—	—	—	—	—	—	—	40·8	40·8	42·6	40·2	40·4	41·0	40·0	40·0	40·6	5
6	—	—	—	—	—	—	—	41·6	40·0	41·6	40·0	40·6	40·4	40·0	40·4	40·4	6
7	—	—	—	—	—	—	—	41·8	40·0	40·2	38·0	40·0	40·0	39·6	38·8	38·8	7
8	—	—	—	—	—	—	—	42·0	41·2	41·2	36·6	38·2	40·2	39·8	39·2	39·8	8
9	—	—	—	—	—	—	—	39·8	42·0	40·8	39·2	40·4	41·6	40·0	39·8	41·2	9
10	—	—	—	—	—	—	—	38·4	42·2	42·0	41·6	42·8	43·0	41·2	41·6	43·2	10
11	—	—	—	—	—	—	—	40·6	42·4	43·4	42·4	44·0	43·2	42·0	43·0	44·0	11
Noon	—	—	—	—	—	—	—	37·8	43·4	43·2	42·2	42·0	41·0	41·6	42·8	43·2	Noon
13h	—	—	—	—	—	—	—	39·8	40·0	41·2	41·8	40·0	39·0	40·4	40·0	42·0	13h
14	—	—	—	—	—	—	38·0	39·0	38·4	39·8	38·0	37·6	38·0	38·0	36·4	40·4	14
15	—	—	—	—	—	—	36·2	39·4	37·2	38·0	37·4	36·0	37·0	37·0	35·6	38·0	15
16	—	—	—	—	—	—	37·0	40·0	37·0	37·8	37·2	38·0	38·0	36·4	36·4	36·2	16
17	—	—	—	—	—	—	38·0	41·2	38·2	39·0	40·4	39·6	40·0	38·0	38·2	38·0	17
18	—	—	—	—	—	—	40·0	42·0	40·4	40·4	42·0	40·8	41·8	39·8	40·2	39·8	18
19	—	—	—	—	—	—	40·6	42·0	41·6	41·6	42·2	42·0	42·0	40·8	40·2	40·4	19
20	—	—	—	—	—	—	41·2	41·8	41·8	41·4	42·4	42·2	42·0	41·6	41·6	40·6	20
21	—	—	—	—	—	—	41·4	42·0	42·6	42·4	42·6	42·2	42·2	41·7	41·6	40·4	21
22	—	—	—	—	—	—	41·2	42·0	41·2	42·6	42·4	42·0	42·0	41·6	41·4	40·0	22
23	—	—	—	—	—	—	41·4	41·8	42·4	42·0	42·2	42·0	41·8	41·6	40·4	40·0	23

AUGUST 1950—*continued*

15° +

Day / Hour	17d	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean.	Day / Hour
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	
Midnight	40·0	40·2	42·4	48·0	43·8	42·8	42·6	42·6	41·2	41·6	40·6	40·4	40·0	41·8	41·4	41·9	Midnight
1h	40·0	40·0	41·0	46·0	42·2	42·2	42·0	42·2	42·0	41·8	41·0	40·2	40·6	41·4	41·2	41·6	1
2	40·2	40·0	42·0	38·0	42·2	42·0	42·0	42·0	42·3	42·0	41·2	40·0	39·2	41·2	41·6	41·3	2
3	40·2	39·6	41·8	46·0	42·2	41·8	41·6	41·6	42·4	42·6	41·4	40·4	40·0	40·4	41·8	41·5	3
4	40·3	39·6	41·6	46·2	42·0	41·0	41·4	41·4	42·0	42·4	41·2	40·8	40·2	37·4	41·8	41·1	4
5	40·6	39·2	39·0	42·0	41·8	40·6	40·0	41·0	41·8	42·0	40·4	40·4	40·4	40·0	41·6	40·7	5
6	40·1	38·4	36·0	36·0	40·6	40·2	40·0	40·4	41·0	41·8	40·0	40·0	40·0	40·0	41·8	40·1	6
7	40·8	38·2	34·4	39·4	40·0	39·0	39·0	39·4	40·0	40·0	40·0	39·2	39·4	37·6	41·0	40·2	7
8	39·6	38·0	34·8	36·2	40·2	39·4	39·6	40·6	41·8	41·0	41·2	40·0	38·0	38·0	41·8	39·5	8
9	40·4	40·8	37·0	34·0	42·0	41·2	42·4	43·0	44·0	42·0	43·0	41·2	37·6	40·0	42·8	40·7	9
10	42·0	41·4	38·8	34·2	44·0	42·2	45·0	45·2	44·8	44·8	44·0	44·0	38·2	42·0	43·0	42·1	10
11	44·6	41·0	39·4	34·0	45·6	42·0	45·0	45·4	44·0	43·6	43·2	43·8	39·6	42·4	42·6	42·5	11
Noon	43·0	43·6	41·0	36·6	45·0	41·8	42·0	43·4	42·6	43·0	41·6	43·2	40·0	43·0	41·0	42·0	Noon
13h	41·0	42·0	40·0	36·0	42·0	40·0	40·0	41·6	41·6	43·6	40·0	41·8	40·0	41·8	41·0	40·7	13h
14	39·6	38·0	38·0	39·6	37·4	38·0	36·4	38·0	39·0	41·8	38·6	40·6	38·2	40·0	40·0	38·7	14
15	38·0	36·0	36·0	38·4	36·0	36·8	35·4	37·2	37·0	38·0	36·2	38·0	38·6	39·0	37·8	37·2	15
16	37·2	37·0	37·4	37·6	36·6	37·2	36·0	37·4	37·2	38·2	36·0	38·0	38·8	39·4	37·6	37·4	16
17	38·0	39·6	40·0	41·4	40·0	38·4	38·4	39·4	38·4	39·2	38·0	39·6	40·0	40·4	39·4	39·3	17
18	39·6	41·0	41·6	43·4	41·8	41·0	41·2	40·4	40·6	39·4	40·4	40·4	41·8	42·0	41·2	41·0	18
19	40·4	41·4	44·0	43·6	42·2	41·4	42·0	41·0	41·0	41·2	41·0	41·2	42·8	42·4	42·8	41·7	19
20	41·0	41·6	46·8	43·8	43·4	42·0	42·4	41·6	41·2	41·0	41·2	41·6	42·2	42·4	42·0	42·1	20
21	41·2	41·8	47·6	44·4	43·6	42·0	42·6	41·7	41·6	41·0	41·4	41·6	42·4	43·0	42·4	43·3	21
22	41·0	42·4	46·2	44·4	43·8	42·2	42·4	42·0	41·4	40·0	41·0	41·2	42·8	43·2	42·0	42·2	22
23	40·4	42·0	47·4	44·2	44·0	43·0	43·0	42·0	41·6	40·0	41·0	40·4	42·0	43·0	41·8	42·1	23

Table IV.—Magnetic Horizontal Force at every Hour of the Day as deduced from the Photographic Records

(The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber)

AUGUST 1950

+ ·22000 (C.G.S. UNIT)

Day / Hour	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day / Hour
Midnight	—	—	—	—	—	—	—	330	292	297	328	319	308	303	329	320	Midnight
1h	—	—	—	—	—	—	—	329	297	310	310	324	310	317	327	323	1h
2	—	—	—	—	—	—	—	300	307	311	307	329	308	316	348	329	2
3	—	—	—	—	—	—	—	310	313	320	327	340	311	315	347	33[illegible]	3
4	—	—	—	—	—	—	—	323	314	332	328	339	315	316	338	339	4
5	—	—	—	—	—	—	—	310	315	320	324	338	318	319	348	342	5
6	—	—	—	—	—	—	—	305	319	328	325	322	320	323	338	348	6
7	—	—	—	—	—	—	—	307	327	330	326	311	327	327	336	351	7
8	—	—	—	—	—	—	—	320	330	331	330	317	324	329	341	352	8
9	—	—	—	—	—	—	—	330	325	335	332	319	315	339	343	355	9
10	—	—	—	—	—	—	—	312	332	337	330	320	318	338	350	351	10
11	—	—	—	—	—	—	—	280	320	338	331	329	320	339	338	350	11
Noon	—	—	—	—	—	—	—	281	309	339	330	317	332	338	339	347	Noon
13h	—	—	—	—	—	—	—	315	300	342	315	297	339	331	348	350	13h
14	—	—	—	—	—	—	360	330	298	335	310	317	330	316	340	342	14
15	—	—	—	—	—	—	380	310	280	331	305	310	310	318	328	330	15
16	—	—	—	—	—	—	377	285	277	325	298	300	319	330	320	325	16
17	—	—	—	—	—	—	380	289	285	300	300	296	318	310	312	326	17
18	—	—	—	—	—	—	389	300	270	289	298	298	316	311	314	328	18
19	—	—	—	—	—	—	382	297	297	284	297	300	311	317	317	331	19
20	—	—	—	—	—	—	380	300	299	303	290	301	316	326	319	332	20
21	—	—	—	—	—	—	373	298	300	305	305	310	314	321	324	333	21
22	—	—	—	—	—	—	352	300	302	31[illegible]	312	309	310	321	323	332	22
23	—	—	—	—	—	—	348	302	301	328	310	304	304	320	324	331	23

AUGUST 1950—*continued*

+ ·22000 (C.G.S. UNIT)

Day / Hour	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean.	Day / Hour
Midnight	331	327	287	254	261	291	304	308	310	303	318	330	311	302	317	312	Midnight
1h	334	329	300	248	263	293	303	310	309	300	320	334	318	320	311	314	1h
2	337	322	301	252	264	297	307	309	308	304	320	339	337	312	312	315	2
3	340	324	304	250	266	298	309	320	314	307	324	338	335	311	317	320	3
4	349	327	307	248	270	301	310	319	312	308	330	340	328	323	319	323	4
5	354	331	310	252	272	—	319	318	317	311	338	341	325	325	321	324	5
6	357	333	316	255	297	—	322	319	320	314	332	342	332	332	329	326	6
7	358	337	329	—	302	—	328	325	322	319	336	350	345	334	335	330	7
8	361	350	338	—	311	—	339	329	324	322	338	354	350	336	340	335	8
9	360	356	330	—	310	—	340	335	329	323	337	362	340	345	343	337	9
10	369	348	308	—	309	—	343	338	325	327	334	361	349	351	350	338	10
11	367	338	289	—	297	—	348	337	330	329	333	362	353	340	348	335	11
Noon	362	324	270	—	280	334	349	334	322	330	335	367	360	348	349	333	Noon
13h	359	318	250	—	286	330	337	331	318	332	342	355	351	350	347	326	13h
14	350	332	252	—	282	329	318	332	315	320	340	337	340	338	338	327	14
15	338	350	232	—	290	314	300	310	314	319	339	330	323	330	341	319	15
16	331	348	—	—	297	308	297	300	300	313	337	318	320	327	339	314	16
17	332	330	—	250	290	300	290	294	296	308	335	321	319	319	320	309	17
18	333	322	—	262	285	299	296	297	297	310	332	330	300	310	313	312	18
19	332	325	—	264	283	294	297	298	299	311	331	320	295	311	312	308	19
20	328	329	—	270	287	295	298	299	298	310	332	322	300	300	300	309	20
21	326	315	—	272	286	299	299	301	301	311	329	327	297	292	310	310	21
22	324	284	—	275	280	298	304	302	302	313	328	328	298	295	318	309	22
23	323	285	—	277	290	301	307	307	300	315	329	325	300	302	317	311	23

Table V.—Magnetic Vertical Force at every Hour of the Day as deduced from the Photographic Records

(The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber)

AUGUST 1950

+ ·30000 (C.G.S. UNIT)

Day / Hour	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day / Hour
Midnight	—	—	—	—	—	—	—	396	416	413	409	412	412	412	407	406	Midnight
1h	—	—	—	—	—	—	—	398	415	412	412	411	412	411	404	404	1h
2	—	—	—	—	—	—	—	403	415	410	411	410	408	406	402	403	2
3		—	—	—	—	—	—	412	412	411	410	410	408	406	398	402	3
4	—	—	—	—	—	—	—	399	412	406	409	408	407	405	399	401	4
5	—	—	—	—	—	—	—	402	411	410	408	409	408	405	400	400	5
6	—	—	—	—	—	—	—	411	411	410	408	410	408	406	400	401	6
7	—	—	—	—	—	—	—	409	411	409	407	410	408	407	401	398	7
8	—	—	—	—	—	—	—	409	410	409	410	413	408	409	407	403	8
9	—	—	—	—	—	—	—	398	412	410	415	416	410	411	411	412	9
10	—	—	—	—	—	—	—	395	417	409	417	419	418	414	413	420	10
11	—	—	—	—	—	—	—	406	411	405	413	418	414	412	410	412	11
Noon	—	—	—	—	—	—	—	404	409	403	409	413	411	406	398	404	Noon
13h	—	—	—	—	—	—	—	398	409	401	393	400	389	393	382	393	13
14	—	—	—	—	—	—	365	389	398	399	394	394	382	389	372	394	14
15	—	—	—	—	—	—	370	388	385	397	396	391	381	384	380	384	15
16	—	—	—	—	—	—	370	397	389	397	403	389	390	383	390	387	16
17	—	—	—	—	—	—	380	407	400	402	410	392	399	383	397	392	17
18	—	—	—	—	—	—	388	410	416	411	414	402	407	392	404	400	18
19	—	—	—	—	—	—	388	412	413	414	415	411	409	404	405	402	19
20	—	—	—	—	—	—	388	411	412	415	415	412	411	408	406	403	20
21	—	—	—	—	—	—	389	411	412	413	416	412	411	408	407	403	21
22	—	—	—	—	—	—	391	410	411	413	413	412	411	408	407	404	22
23	—	—	—	—	—	—	393	410	412	413	413	411	410	407	406	402	23

AUGUST 1950—*continued*

+ ·30000 (C.G.S. UNIT).

Day / Hour	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean.	Day / Hour
Midnight	405	404	411	—	—	—	—	—	433	430	426	423	432	426	422	415	Midnight
1h	404	403	406	—	—	—	—	—	433	429	425	424	431	425	421	415	1h
2	403	402	407	—	—	—	—	—	432	428	425	426	429	424	420	414	2
3	402	402	405	—	—	—	—	—	432	428	425	419	428	423	419	413	3
4	401	402	405	—	—	—	—	—	432	428	426	419	424	423	419	412	4
5	400	401	403	—	—	—	—	—	432	428	424	421	423	422	421	412	5
6	400	400	400	—	—	—	—	—	433	428	424	422	420	422	421	412	6
7	398	400	396	—	—	—	—	—	431	426	424	424	422	420	419	412	7
8	400	403	401	—	—	—	—	—	433	427	428	421	422	425	423	414	8
9	406	408	—	—	—	—	—	—	433	429	432	423	419	429	426	416	9
10	411	412	—	—	—	—	—	—	434	433	434	—	428	429	427	419	10
11	406	411	—	—	—	—	438	427	422	428	428	—	432	428	428	417	11
Noon	391	406	—	—	—	—	426	417	416	424	418	—	425	427	417	411	Noon
13h	389	391	—	—	—	421	413	413	410	416	405	—	415	420	406	401	13h
14	390	373	—	—	416	412	406	411	397	405	392	—	402	405	400	393	14
15	391	370	—	—	416	410	406	421	389	399	387	—	398	394	401	389	15
16	396	379	—	—	417	413	414	432	400	398	390	411	402	399	397	393	16
17	399	389	—	—	—	448	426	—	417	411	405	411	412	412	399	402	17
18	402	396	—	—	—	—	436	—	428	422	417	413	419	422	402	409	18
19	402	397	—	—	—	—	—	—	429	425	421	419	422	423	419	413	19
20	403	397	—	—	—	—	—	—	432	427	423	426	425	426	414	414	20
21	403	399	—	—	—	—	—	—	431	428	425	432	428	430	422	415	21
22	404	402	—	—	—	—	—	—	431	427	424	432	429	428	424	415	22
23	403	403	—	—	—	—	—	—	430	427	424	431	429	429	423	415	23

Table VI.—Results of Meteorological Observations made at the Aerological Station, Vacoas, (424.5 metres above mean sea-level) during the Month of August, 1950

Month and days 1950	Observations at 10 a.m						Wind			Temperature of the Air							Rainfall			
	Atmospheric Pressure	Temperature of the Air	Excess of Air Temperature over Evaporation Temperature	Temperature of the Dew Point	Relative Humidity (Sat 100)	Vapour Pressure	Direction	Velocity	Amount of Cloud (Scale 0—8)	3h	9h	15h	21h	Daily Maximum	Daily Minimum	Daily Range	Amount recorded by the Casella Pluviograph	Duration	Duration of Bright Sunshine	Percentage of Possible Sunshine
AUG.	mbs.	°C	°C	°C	%	mbs.	°	m.p.s.		°C	°C	°C	°C	°C	°C	°C	mms.	mins.	hrs	%
1	971·0	20·3	3·2	14·8	72	16·8	120	1·3	1	13·5	18·8	21·9	16·0	22·7	13·0	9·7	0·0	0	7·4	66
2	972·1	19·7	3·2	14·2	72	16·2	130	8·5	2	15·2	18·0	20·2	17·0	20·8	13·2	7·6	0·0	0	10·5	94
3	973·3	19·5	0·6	18·6	95	21·4	120	7·6	7	17·0	17·6	18·3	17·8	20·3	16·5	3·8	4·6	125	0·0	0
4	973·2	19·5	0·7	18·4	95	21·2	110	3·1	7	17·9	17·8	20·8	17·9	21·8	17·9	3·9	4·9	95	4·4	39
5	972·1	20·3	2·7	15·8	76	17·9	Calm	Calm	7	16·1	18·1	21·1	15·6	22·4	15·6	6·8	0·3	5	3·1	28
6	971·0	19·4	1·3	17·3	88	19·8	250	0·5	Trace	14·3	17·3	20·2	13·3	21·1	13·3	7·8	0·2	5	9·7	87
7	970·1	19·2	3·1	13·8	71	15·0	190	0·9	4	11·3	16·0	20·0	15·4	20·8	11·3	9·5	0·0	0	9·8	87
8	971·8	19·0	2·5	14·8	77	16·8	110	2·7	6	14·2	17·4	20·0	16·8	21·2	14·0	7·2	2·5	55	8·9	79
9	973·2	20·6	2·2	17·0	80	19·4	100	6·3	3	16·8	18·6	18·6	17·0	21·4	16·8	4·6	8·0	140	5·2	46
10	974·0	17·0	0·6	16·0	94	18·2	115	7·2	7	15·9	16·4	18·6	15·6	20·2	15·2	5·0	3·1	70	7·5	66
11	972·1	18·1	1·0	16·4	90	18·7	115	5·8	8	14·9	16·6	17·7	16·5	20·0	14·9	5·1	1·9	60	2·7	24
12	969·2	19·9	2·0	16·6	81	18·9	120	4·9	6	15·8	17·3	19·4	17·2	20·7	15·8	4·9	2·7	45	7·4	65
13	968·6	19·6	3·3	13·8	71	15·8	160	4·5	1	16·4	17·5	20·4	16·2	21·4	16·0	5·4	0·0	0	11·0	97
14	970·1	16·4	1·5	13·7	84	15·7	160	7·6	6	15·1	16·3	16·9	15·0	21·1	15·0	6·1	1·0	20	8·5	75
15	971·9	16·5	1·4	14·0	85	16·0	135	3·1	6	11·9	13·5	18·7	14·5	20·0	10·9	9·1	1·0	25	6·4	56
16	971·4	19·9	3·6	13·7	69	15·7	115	4·5	1	13·3	18·1	19·7	16·2	21·0	13·0	8·0	0·0	0	11·0	97
17	970·7	17·0	1·6	14·7	85	16·7	115	5·8	7	15·7	16·3	19·0	17·0	20·0	15·7	4·3	1·7	40	3·3	29
18	970·4	19·7	3·3	14·2	71	16·2	140	3·6	3	15·2	17·0	19·3	15·1	20·5	15·1	5·4	0·1	5	10·4	91
19	972·9	16·9	3·6	10·3	66	12·5	130	8·1	4	13·7	16·6	16·3	14·3	18·0	13·3	4·7	0·3	10	7·4	65
20	974·0	16·9	4·0	9·3	62	11·7	115	5·8	8	13·5	16·3	17·3	14·2	17·8	13·1	4·7	1·4	40	2·6	23
21	974·5	17·2	3·6	10·7	66	12·9	110	4·5	7	13·3	15·3	18·6	15·2	18·8	13·0	5·8	3·4	70	6·4	53
22	972·5	18·7	2.6	14·2	76	16·2	90	9·4	2	14·8	16·5	19·1	16·6	19·5	14·1	5·4	9·0	130	10·1	88
23	972·2	17·8	1·9	14·6	81	16·6	110	7·2	3	14·6	15·7	18·6	16·6	20·1	14·2	5·9	7·3	140	6·1	53
24	969·9	19·5	0·6	18·6	95	21·4	100	5·4	8	16·6	18·2	19·9	19·2	21·0	16·1	4·9	6.3	295	0·3	3
25	970·1	20·9	0·8	19·7	93	23·0	80	5·4	7	19·3	19·5	19·4	19·4	21·5	19·0	2·5	4·2	220	1·6	14
26	970·3	21·4	2·0	18·2	82	20·9	90	7·2	4	19·2	19·6	21·9	18·5	22·6	18·5	4·1	0·4	20	8·3	71
27	971·7	18·7	1·1	17·0	89	19·4	80	3·1	8	18·0	17·8	19·7	16·6	20·4	16·2	4·2	0·4	20	0·6	5
28	971·2	19·7	2·4	15·7	79	17·8	80	4·0	7	15·6	18·3	19·7	15·7	20·6	14·8	5·8	0.2	10	9·8	85
29	970·8	19·8	2·7	15·2	76	17·3	80	4·9	5	15·4	18·3	20·0	15·4	21·0	14·9	6·1	0·0	0	8·2	71
30	971·7	20·0	3·7	13·6	68	15·6	Calm	Calm	2	13·9	19·4	22·4	15·8	24·0	11·8	12·2	0·0	0	10·9	94
31	971·8	18·5	1·1	16·7	89	19·0	115	6·3	5	17·0	17·3	17·4	15·9	19·4	15·2	4·2	0·9	50	6·0	52
Mean	970·9	19·0	2·2	15·2	80·0	17·5	—	4·8	5·0	15·3	17·3	19·4	16·3	20·7	14·7	6·0	65·8	1695	6·63	58·2
Average	972·7	18·9	2·3	14·9	78·0	16·9	—	5·2	6·0	—	—	—	—	20·9	14·7	6·2	109·4	2120	—	—
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

EXCESS OF CERTAIN ELEMENTS AT PAMPLEMOUSSES OVER THE CORRESPONDING ELEMENTS AT VACOAS

Atmospheric Pressure	+	42·8 mbs	Amount of rain	—	27·3mms
Temperature of the Air		—°C	Duration of Bright Sunshine	—	1·6 hrs
Vapour Pressure		—mbs	Mean of Maximum temperatures	+	2·8°C
Relative Humidity		—%	,, Minimum temperature	+	2·0°C
Velocity of Wind	—	0·1 mps.	Absolute Maximum temperature	+	1·2°C
Amount of Cloud		—	Minimum temperature	+	2·1°C

Table VII.—Daily Results of Meteorological Observations made during the month of August, 1950

Month and Day 1950	Atmospheric Pressure		Temperature of the Air					Excess of Air Temp. over Evaporation Temp.	Temperature of the Dew Point		Relative Humidity (Saturation=100)		Vapour Pressure	Minimum on the Grass
	Mean	Excess above Average	Daily Maximum	Daily Minimum	Daily Range	Mean	Excess above Average		Mean	Excess above Average	Mean	Excess above Average		
AUG.	mbs.	mbs.	°C	°C	°C	°C	°C	°C	C°	°C	%	%	mbs	°C
1	1012·4	− 1·7	24·1	13·2	10·9	18·3	− 1·4	1·0	16·6	+ 1·1	90	+ 14	18·9	10·3
2	1013·4	− 0·7	24·0	15·4	8·6	19·4	− 0·3	2·5	15·2	− 0·1	76	0	17·3	12·7
3	1014·2	+ 0·1	22·6	17·5	5·1	19·8	0·0	0·1	19·7	+ 4·3	99	+ 23	23·0	15·0
4	1014·0	− 0·1	23·8	20·0	3·8	21·6	+ 1·8	1·7	18·9	+ 3·5	85	+ 9	21·8	18·7
5	1012·7	− 1.4	24·1	16·0	8·1	19·7	− 0·1	1·3	17·7	+ 2·3	88	+ 12	20·3	12·1
6	1011·6	− 2·5	23·5	16·8	6·7	19·8	0·0	3·6	14·7	− 0·7	68	− 8	16·7	16·0
7	1010·4	− 3·7	24·0	17·0	7·0	20·2	+ 0·4	2·6	15·8	+ 0.4	76	0	17·8	13·3
8	1012·5	− 1·6	23·5	14·9	8·6	18·9	− 0·9	1·8	15·8	+ 0·4	82	+ 6	17·8	12·3
9	1014·8	+ 0·7	24·3	19·0	5·3	21·3	+ 1·5	1·8	18·5	+ 3·1	83	+ 7	21·3	16·3
10	1015·2	+ 1·1	23·0	17·9	5·1	20·1	+ 0·3	2·3	16·4	+ 1·0	79	+ 3	18·7	15·5
11	1012·4	− 1·7	23·9	15·4	8·5	19·3	− 0·5	1·7	16·5	+ 1·1	83	+ 7	18·8	11·0
12	1009·5	− 4·6	23·8	15·2	8·6	19·2	− 0·7	1·3	17·1	+ 1·6	87	+ 11	19·5	15·7
13	1008·9	− 5·2	25·1	17·9	7·2	21·2	+ 1·3	4·5	13·5	− 2·0	61	− 15	15·5	14·5
14	1011·0	− 3·1	22·2	16·0	6·2	18·8	− 1·1	3·3	13·9	− 2·6	69	− 7	14·9	12·0
15	1012·6	− 1·5	22·8	17·5	5·3	19·8	− 0·1	3·5	13·7	− 1·8	68	− 8	15·7	17·6
16	1012·2	− 1·9	23·7	18·2	5.5	20·6	+ 0·7	3·7	14·3	− 1·2	67	− 9	16·3	16·8
17	1011·2	− 2·9	23·8	15·7	8·1	19·4	− 0·5	1·9	16·3	+ 0·8	81	+ 5	18·5	11·7
18	1011·9	− 2·2	24·2	14·2	10·0	18·9	− 1·1	1·3	16·7	+ 1·2	87	+ 11	19·0	11·3
19	1014·6	+ 0·4	21·2	14·9	6·3	17·7	− 2·3	2·9	12·5	− 3·0	72	− 4	14·5	11·7
20	1015·4	+ 1·2	21·3	16·0	5·3	18·3	− 1·7	2·5	14·0	− 1·5	76	0	16·0	11·4
21	1015·5	+ 1·3	22·7	14·6	8·1	18·3	− 1·7	1·0	16·7	+ 1·2	90	+ 15	19·0	11·4
22	1014·2	− 0·1	22·5	15·5	7·0	18·7	− 1·4	0·4	18·1	+ 2·5	96	+ 21	20.8	11·8
23	1012·8	− 1·5	23·4	16·9	6·5	19·8	− 0·3	2·4	15·9	+ 0·3	78	+ 3	18·1	12·3
24	1010·5	− 3·8	23·4	19·1	4·3	20·9	+ 0·8	0·9	19·5	+ 3·9	92	+ 17	22·7	14·0
25	1010·9	− 3·4	23·2	19·4	3·8	21·0	+ 0·9	0·3	20·5	+ 4·9	97	+ 22	24·1	15·6
26	1012·6	− 1·7	24·4	21·0	3·4	22·4	+ 2·2	2·1	19·2	+ 3·7	82	+ 7	22·2	19·5
27	1012·5	− 1·9	23·9	19·7	4·2	22·5	+ 2·3	3·2	17·3	+ 1·8	72	− 3	19·8	17·3
28	1012·1	− 2·3	23·4	16·9	6.5	19·8	− 0·4	2·8	15·1	− 0·4	74	− 1	17·2	14·5
29	1011·9	− 2·5	23·3	16·8	6·5	19·9	− 0·3	2·4	15·9	+ 0·4	78	+ 3	18·1	12·5
30	1012·1	− 2·3	25·2	13·0	12·2	18·8	− 1·5	1·4	16·5	+ 0·9	86	+ 11	18·8	10·0
31	1013·3	− 1·1	23·7	16·0	7·7	19·5	− 0·8	1·5	17·1	+ 1·5	86	+ 11	19·5	12·5
Mean	1012·6	− 1·6	23·5	16·7	6·8	19·8	− 0·2	2·1	16·4	+ 0·9	80·9	+ 5·3	18·8	13·8
Aver.	1014·2	—	23·9	16·5	7·4	20·0	—	2·8	15·5	—	75.6	—	17·6	13·2
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14

GENERAL WEATHER CONDITIONS DURING THE MONTH OF AUGUST, 1950

Except for a few odd days wintry weather associated with consistent trade winds was continuous throughout tho month.

Rainfall was very low, in the West and slightly below normal in the Centre of Mauritius. Normal amounts fell in the North and amounts were above normal In the East and South.

Table VII *contd.*—Daily Results of Meteorological Observations made during the month of August, 1950

Month and Day 1950	Rainfall: Amount recorded by the Dines Pluviograph	Rainfall: Duration	Amount of Evaporation	Duration of Bright Sunshine	Percentage of Possible Sunshine	Observed Wind Velocity: Mean	Observed Wind Velocity: Excess above Average	Temperature of the Soil: 10 Feet	5 Feet	2 Feet	12 Inches
AUGUST	mms.	min.	mm.	hrs.	%	m.p.s.	m.p.s.	°C.	°C.	°C.	°C.
1	0·0	—	3·7	7·2	64	2·5	− 1·2	24·5	23·2	21·6	21.8
2	0·0	—	4·0	8·0	71	4·3	+ 0·6	24·6	23·4	21·7	21·8
3	10·8	480	3·5	0·3	3	4·7	+ 1·0	24·4	23·3	21·6	21·8
4	3·6	140	2·0	4·8	43	3·5	− 0·2	24·4	23·7	21·6	22·4
5	0·6	20	2·4	4·2	37	2·0	− 1·7	24·4	23·6	21·7	22·8
6	1·0	40	2·6	8·1	72	1·9	− 1·8	23·9	23·3	21·8	22·5
7	0·0	—	3·8	7·4	65	2·3	− 1·4	24·2	23·5	21·9	22·5
8	0·5	15	2·8	7·6	67	3·9	+ 0·1	24·2	23·6	21·9	22·4
9	2·9	80	3·3	7·2	64	4·8	+ 1·0	24·1	23·4	21·8	22·2
10	3·0	70	1·8	8·0	71	4·5	+ 0·7	24·2	23·4	21·8	22·4
11	5·1	95	3·3	5·5	49	4·2	+ 0·4	24·2	23·5	21·9	22·4
12	0·6	35	2·9	8·9	79	4·6	+ 0·8	24·2	23·7	21·8	22·5
13	0·0	—	3·2	10·7	95	3·0	− 0·8	24·3	23·5	21·9	22·6
14	0·0	—	5·4	9·9	88	4·5	+ 0·7	24·3	23·3	21·8	22·5
15	0·0	—	3·1	7·0	61	3·0	− 0·8	24·1	23·5	21·8	22·2
16	0·0	—	5·0	6·7	59	3·3	− 0·6	24·2	23·6	21·8	22·1
17	0·0	—	3·1	10·1	89	3·7	− 0·2	24·2	23·7	21·7	23·7
18	0·0	—	4·3	9·6	84	3·8	− 0·1	24·1	23·2	21·7	21·9
19	0·0	—	4·5	5·2	46	4·4	+ 0·5	24·2	23·5	21·6	22·0
20	0·0	—	4·0	3·3	29	4·2	+ 0·3	24·2	23·5	21·6	21·6
21	0·9	20	3·8	7·1	62	3·8	− 0·2	24·2	23·5	21·1	21·9
22	3·6	45	3·8	8·2	71	4·9	+ 0·9	24·2	23·7	21·5	21·8
23	0·3	10	3·4	5·3	46	4·4	+ 0·4	24·2	23·6	21·5	21·8
24	1·7	260	2·7	0·0	0	4·0	− 0·1	24·1	23·5	21·3	21·8
25	3·6	155	3·3	0·0	0	5·2	+ 1·1	24·1	23·4	21·2	22·5
26	0·3	30	2·3	7·0	60	4·6	+ 0·5	24·1	23·3	21·3	22·8
27	0·0	—	3·8	3·2	28	3·7	− 0·4	24·0	23·1	21·7	22·9
28	0·0	—	3·7	8·9	77	3·2	− 0·9	24·1	23·2	21.8	23·0
29	0·0	—	4·0	8·4	73	3·0	− 1·1	24·1	23·3	21·9	22·7
30	0·0	—	4·0	10·1	87	2·2	− 1·9	24·1	23·4	21·9	22·5
31	0·0	—	4·6	6·0	52	4·4	+ 0·3	23·9	23·1	21·9	22·6
Mean	Sum 38·5	Sum 1495	3·5	6·58	57·8	3·76	− 0·13	24·19	23·44	21·68	22·33
Average	62·5	1342	4·0	7·57	66·6	3·89	—	—	—	—	—
Column	15	16	17	18	19	20	21	22	23	24	25

MEANS AND EXTREMES OF CERTAIN METEOROLOGICAL ELEMENTS DURING THE MONTH OF AUGUST, 1950

Element	*Highest*			*Date*	*Lowest*			*Date*
Atmospheric Pressure	1017·2mbs	at	09.00 hrs.	on 21st	1007·0 mbs	at	15·00 hrs.	on 13th
Temperature of the Air	25·2°C	,,	—	,, 30th	13·0°C	,,	—	,, 30th
Daily range of temperature of the Air	12·2°C	,,	—	,, 30th	3·4°C	,,	—	,, 26th
Temperature of the Dew Point ...	20·5°C	,,	—	,, 25th	12·5°C	,,	—	,, 19th
Daily range of temperature of the Dew Point	—	,,	—	,, —	—	,,	—	,, —
Minimum on Grass	—	,,	—	,, —	10·0°C	,,	—	,, 30th
Relative Humidity	99%	,,	—	,, 3rd	61%	,,	—	,, 13th
Vapour Pressure	24·1mbs	,,	—	,, 25th	14·5mbs	,,	—	,, 19th
Evaporation in 24 hours	5·4mms	,,		,, 14th	1·8mms	,,	—	,, 10th
Wind Velocity	8·5mps	,,	13·00 hrs.	,, 22nd	—	,,	—	,, —
Rainfall in 24 hours	14·4mms	ending	10·00 hrs.	,, 4th	—	,,	—	,, —
Duration of Sunshine	10·1hrs.		—	,, 17th & 30th	0·0 hr.	,,	—	,, 24th & 25th

NUMBER OF DAYS OF

Rainfall: mms. 0.1—0·9	mms. 1·0—4·9	mms. 5·0—9·9	mms. 10·0—24·9	mms. 25·0—39·9	mms. 40·0—54·9	mms. 55·0 & over	Lightning	Thunderstorm
6	7	1	1	—	—	—	—	—

Table VIII.—Barogram

AUGUST 1950

The initial 10 or 9 is omitted. The unit in the table is 0·1 millibar.

Day / Hour	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day / Hour
Midnight	130	135	143	144	141	131	113	117	140	164	154	117	092	107	130	137	Midnight
1h	129	136	144	141	137	129	111	117	139	162	150	110	085	103	128	133	1
2	126	133	141	139	136	126	106	114	137	157	143	103	081	099	123	128	2
3	125	130	137	135	126	124	104	111	135	156	137	098	077	096	118	124	3
4	125	124	137	136	125	119	101	109	136	153	131	096	077	094	118	122	4
5	123	121	137	135	124	118	099	108	136	153	125	095	077	094	121	121	5
6	116	127	140	137	126	119	103	111	137	156	129	097	082	099	127	121	6
7	119	124	144	137	127	123	110	117	145	157	133	102	087	110	131	124	7
8	124	137	150	140	134	124	114	123	151	161	137	104	095	115	136	126	8
9	129	138	155	149	138	129	115	131	156	164	138	108	099	117	137	131	9
10	131	144	155	151	140	127	113	137	161	169	141	109	102	119	140	134	10
11	129	142	151	147	135	120	108	134	157	158	132	104	097	116	136	129	11
Noon	123	140	143	141	131	114	099	130	153	155	123	097	090	111	127	122	Noon
13h	113	134	135	135	123	109	095	123	147	148	116	089	083	104	122	116	13h
14	111	127	135	130	118	101	087	116	143	140	110	082	076	099	114	111	14
15	111	127	133	128	113	100	083	114	138	134	105	078	070	097	111	107	15
16	113	127	134	127	114	101	084	116	137	132	103	079	072	097	111	105	16
17	117	131	136	135	116	102	090	120	140	135	103	081	077	102	114	109	17
18	121	133	137	134	117	108	096	127	149	138	107	082	087	109	117	114	18
19	127	135	140	141	118	112	100	134	152	144	113	086	095	115	122	118	19
20	136	141	145	150	127	115	109	140	158	151	117	094	102	125	130	123	20
21	138	144	151	148	128	116	114	144	162	157	118	096	107	130	135	127	21
22	143	144	150	146	129	117	116	144	166	157	118	088	108	131	136	129	22
23	137	144	145	146	131	115	117	145	164	157	119	096	110	130	137	124	23

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Day / Hour	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean.	Day / Hour
The initial 10 or 9 is omitted. The unit in the table is 0·1 millibar.																	
Midnight	123	115	143	157	162	154	150	121	109	130	137	133	124	121	131	1013·3	Midnight
1h	121	109	142	157	160	149	144	117	108	129	136	129	119	118	129	1013·0	1
2	119	107	137	155	157	143	141	111	101	124	127	128	117	117	129	1012·6	2
3	116	109	137	154	156	139	136	104	097	118	121	124	114	116	123	1012·2	3
4	113	109	137	151	156	137	132	105	095	116	119	122	111	112	121	1012·0	4
5	111	107	137	148	154	137	131	103	094	115	118	120	113	110	118	1012·0	5
6	115	111	140	154	156	137	133	108	100	119	121	122	116	114	120	1012·2	6
7	117	118	149	157	162	145	136	112	111	120	125	129	123	120	124	1012·7	7
8	120	121	152	162	167	148	137	117	116	127	131	134	127	127	134	1013·2	8
9	121	122	155	164	172	152	141	118	118	133	136	133	130	134	136	1013·6	9
10	121	125	157	169	171	155	136	117	120	134	135	130	132	136	139	1013·7	10
11	116	119	153	162	166	149	130	114	116	133	133	122	124	129	137	1013·2	11
Noon	107	117	145	153	157	139	122	100	110	128	125	117	120	117	132	1012·5	Noon
13	101	113	144	147	147	134	117	096	103	125	120	111	113	112	127	1011·9	13h
14	097	107	137	138	141	128	113	088	099	120	113	105	110	111	121	1011·4	14
15	095	106	137	138	138	124	110	085	097	118	107	101	109	109	121	1011·1	15
16	097	111	137	138	139	129	111	087	097	117	109	101	111	113	125	1011·2	16
17	100	114	138	143	141	136	113	093	100	119	112	104	113	116	127	1011·5	17
18	102	117	142	148	151	137	118	097	110	123	117	110	114	118	134	1012·0	18
19	109	124	150	151	151	145	122	100	114	127	124	117	116	119	138	1012·5	19
20	116	133	156	157	156	145	129	108	120	136	131	125	124	127	145	1013·1	20
21	117	139	158	160	157	150	131	112	124	140	133	130	125	133	151	1013·5	21
22	117	139	160	161	157	150	131	114	127	142	136	127	126	133	155	1013·5	22
23	117	144	158	161	156	152	125	111	130	140	136	127	123	131	155	1013·5	23

Table IX.—Duration of Bright Sunshine at the Aerological Station, Vacoas by the Campbell Stokes Sunshine Recorder

AUGUST 1950

Day / Hour Ending	d 1	d 2	d 3	d 4	d 5	d 6	d 7	d 8	d 9	d 10	d 11	d 12	d 13	d 14	d 15	d 16	d 17	d 18	d 19	d 20	d 21	d 22	d 23	d 24	d 25	d 26	d 27	d 28	d 29	d 30	d 31	Total Hours
	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m	m.	m.	m.	m.	m.	m.	
6h	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0·0
7	34	8	0	0	0	0	1	0	1	2	0	0	36	21	19	27	0	8	0	0	0	0	10	0	0	0	0	10	16	36	0	3·8
8	60	60	0	0	7	46	54	41	37	17	11	19	60	9	60	60	36	60	40	18	4	36	7	2	10	30	5	22	60	60	7	15·6
9	60	60	0	0	31	60	60	60	60	27	7	48	60	29	40	60	51	60	50	32	29	52	56	12	11	50	0	55	60	60	58	21·6
10	60	60	0	1	9	60	60	44	60	15	1	60	60	29	54	60	29	60	60	3	34	60	60	0	4	60	8	52	60	60	60	20·7
11	46	60	0	2	60	60	60	60	60	31	31	33	60	57	40	60	29	60	50	22	26	60	60	5	0	40	10	58	51	60	60	21·8
Noon	60	60	0	25	46	60	52	60	58	60	9	37	60	60	60	60	8	60	60	9	37	60	60	0	0	60	0	60	30	60	60	22·2
13	58	60	0	18	11	38	54	60	4	60	16	60	60	60	29	53	9	42	44	11	40	60	60	0	31	60	0	60	46	60	53	20·3
14	11	60	0	45	0	60	47	55	15	60	5	60	60	60	31	60	17	60	41	18	51	60	45	0	33	60	9	60	32	60	58	20·5
15	4	60	0	60	13	60	60	60	0	43	36	60	60	60	32	60	17	60	31	17	58	60	0	0	0	58	1	60	48	48	1	18·8
16	21	60	0	60	9	60	60	47	15	60	13	60	60	60	11	60	4	60	37	16	60	60	1	0	0	36	0	60	31	59	0	18·1
17	31	49	0	31	0	60	48	48	4	60	30	9	60	60	9	60	0	60	16	11	40	60	4	0	0	36	0	59	35	44	0	15·4
18	0	32	0	21	0	20	31	0	0	17	0	0	24	3	0	42	0	31	15	0	0	36	0	0	4	7	0	32	22	46	0	6·4
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0·0

The Total Amount of Registered Sunshine was 205·2 hrs. and the total possible Sunshine was 353·0 hrs

Table X.—Duration of Bright Sunshine at the Royal Alfred Observatory by the Campbell Stokes Sunshine Recorder

AUGUST 1950

Day / Hour Ending	d 1	d 2	d 3	d 4	d 5	d 6	d 7	d 8	d 9	d 10	d 11	d 12	d 13	d 14	d 15	d 16	d 17	d 18	d 19	d 20	d 21	d 22	d 23	d 24	d 25	d 26	d 27	d 28	d 29	d 30	d 31	Total Hours
	m.	m.	m.	m.	m.	m.	m.	m	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	
6h	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0·0
7	21	0	0	0	7	0	25	0	5	6	13	5	17	15	0	30	13	5	2	0	0	0	0	0	0	0	0	8	15	22	0	3·6
8	60	22	0	0	35	0	55	37	60	25	20	50	55	32	0	60	60	60	8	3	0	31	12	0	0	35	34	20	50	60	24	15·1
9	60	55	2	12	60	25	60	54	60	29	32	60	60	48	30	60	60	60	25	12	54	8	55	0	0	30	4	55	35	60	49	20·2
10	60	42	8	2	8	43	38	60	59	38	35	60	60	50	0	60	60	60	44	8	55	25	60	0	0	17	33	44	50	60	55	19·4
11	60	46	1	12	29	60	35	55	54	42	60	50	60	60	0	60	60	60	43	5	27	48	60	0	0	55	60	50	60	60	60	22·2
Noon	60	60	10	40	60	54	40	30	49	38	40	41	60	60	58	60	54	60	32	32	4	50	60	1	0	40	41	60	60	55	60	22·8
13h	45	60	0	60	30	60	33	54	45	55	25	60	60	60	60	28	60	55	40	40	60	60	50	0	0	47	12	60	33	60	41	22·6
14	26	60	0	60	14	60	33	60	16	50	22	60	60	60	60	14	60	52	30	20	60	60	10	0	0	48	0	60	60	60	60	20·6
15	39	60	0	41	0	60	60	60	29	60	25	60	60	60	60	23	60	50	30	54	60	60	8	0	0	60	10	60	55	43	11	21·0
16	0	50	0	36	0	54	36	45	28	60	8	60	60	60	60	8	46	60	22	25	40	60	0	0	0	58	0	44	40	60	0	17·0
17	0	20	0	21	0	60	30	0	27	60	33	30	60	60	60	0	60	36	28	0	60	60	4	0	0	31	0	45	30	41	0	14·3
18	0	3	0	3	0	10	0	0	0	20	15	0	30	27	30	0	14	20	25	0	5	28	0	0	0	10	0	27	15	24	0	5·1
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0·0

The Total Amount of Registered Sunshine was 203·9 hrs and the total possible sunshine was 353·0 hrs.

Table XI.—Direction and Velocity of the Wind at every Hour of the Day as recorded by the Robinson Cup Anemometer during August, 1950

The directions are given in points and the values indicate the direction from which the wind blows counting from North 32, East 8, South 16 and West 24
The Velocities are given in Metres per Second, using the factor 2·2
*(The days on which the Normal Trade-Winds are interrupted are indicated by an asterisk *).*

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Day	1d. *		2d		3d.		4d.		5d. *		6d. *		7d. *		8d.		9d.		10d.		11d.		12d.		13d.		14d.		15d.		16d.	
Hour	Dir.	Vel.	Dir.	Vel.	Dir	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
Midnight	12	2·1	10	2·7	11	4·2	09	4·2	08	1·4	14	2·9	14	2·5	12	2·0	10	4·5	10	4·2	11	1·9	10	4·9	12	3·0	16	2·2	12	2·6	10	1·8
1h	12	2·0	11	1·9	11	3·7	10	3·8	08	1·8	15	1·2	14	2·4	12	2·8	10	3·6	09	4·0	11	1·2	11	4·9	12	2·8	16	1·2	11	2·9	12	2·4
2	12	2·0	12	2·0	11	4·4	10	3·3	08	1·1	15	1·0	14	2·8	11	1·8	10	4·0	10	4·6	10	1·6	11	4·0	12	2·2	16	1·1	12	1·8	12	1·9
3	12	2·5	10	1·3	10	4·6	08	3·7	08	1·3	15	1·8	14	2·4	11	2·0	10	3·7	08	3·0	12	1·9	11	4·3	12	2·7	14	1·8	12	1·7	12	1·9
4	12	3·0	15	1·4	10	4·0	09	4·0	09	1·5	15	0·8	14	1·8	11	2·5	10	3·8	10	3·5	13	2·3	10	4·4	12	1·4	12	2·8	12	2·6	12	2·3
5	12	3·1	14	4·8	10	4·0	10	3·5	09	1·1	15	1·0	14	2·3	11	2·4	10	3·1	11	3·0	13	2·9	11	4·7	16	2·1	14	2·4	13	2·5	14	3·1
6	12	2·6	14	4·4	10	4·8	10	3·5	10	0·6	15	0·9	12	1·8	11	2·2	10	3·8	10	3·7	13	2·3	12	3·2	16	2·7	12	2·8	13	3·1	12	2·4
7	12	2·9	12	4·1	11	4·4	10	5·4	10	0·6	15	1·6	12	2·0	11	2·2	10	2·9	10	3·5	12	3·0	10	4·0	14	2·3	12	4·0	13	2·1	12	2·6
8	12	2·5	12	4·0	08	4·4	09	3·9	10	0·6	15	0·7	12	1·0	11	2·6	10	3·1	10	3·4	10	2·7	11	4·8	14	2·8	12	6·1	07	3·1	12	3·2
9	12	2·9	12	4·7	10	5·4	07	4·4	10	0·7	15	1·0	12	1·2	11	3·8	08	4·3	09	5·8	10	4·4	11	5·8	13	4·1	12	5·0	08	2·1	10	4·4
10	10	3·5	11	5·4	10	5·0	08	4·6	10	0·6	d18	1·5	17	1·5	10	5·1	07	5·1	10	5·8	10	5·6	10	5·8	14	3·3	12	7·2	12	2·4	10	4·3
11	10	2·0	12	6·2	11	5·9	08	5·3	r32	1·8	24	3·0	20	1·9	09	5·0	08	5·9	10	6·6	11	5·2	10	5·4	14	4·5	12	8·0	06	2·4	10	4·8
Noon	08	2·3	14	6·6	12	6·6	08	5·0	26	2·9	24	3·5	27	3·5	09	5·3	08	6·1	09	7·4	11	5·4	10	5·5	14	3·4	12	7·7	09	4·8	08	4·7
13h	10	3·2	12	5·9	08	5·4	08	5·1	24	3·1	22	3·7	02	3·9	08	5·4	08	6·1	10	7·9	08	6·3	09	6·0	14	4·7	12	8·4	10	4·9	12	4·1
14	d22	2·2	13	5·6	10	4·8	06	4·7	21	4·1	24	3·2	02	3·2	09	5·7	08	6·2	10	7·0	10	6·5	10	6·2	14	4·5	12	8·2	10	5·0	10	4·5
15	r10	1·7	13	5·9	10	5·2	07	4·3	18	3·2	20	3·0	03	3·1	09	5·2	08	6·1	09	5·3	08	6·8	12	5·7	13	5·4	12	8·4	10	4·8	11	4·0
16	10	2·7	12	6·5	10	5·1	08	3·9	12	2·3	22	2·3	02	2·3	09	5·2	08	6·2	10	7·1	09	6·5	11	5·4	13	5·4	12	7·9	10	5·5	11	4·4
17	10	2·3	13	5·3	10	4·9	08	3·5	13	2·6	28	2·0	d10	2·0	10	5·1	08	5·2	10	5·5	10	6·4	12	4·1	14	4·4	12	6·4	10	4·4	12	3·4
18	10	2·2	12	4·6	10	5·0	08	2·7	14	2·4	28	1·3	14	2·0	09	5·3	09	6·0	10	4·9	10	5·2	12	3·9	14	4·1	12	3·7	10	3·0	12	3·2
19	10	2·1	13	4·6	10	5·1	09	1·5	14	2·8	28	1·1	12	2·9	10	4·4	08	5·3	11	3·2	11	4·1	11	3·6	16	1·6	12	2·9	10	2·3	12	4·0
20	12	3·0	13	4·0	10	4·5	09	2·1	16	1·7	28	1·7	12	2·7	09	4·6	08	4·9	11	3·1	10	4·6	11	2·8	11	1·2	12	2·7	10	2·4	12	2·3
21	12	1·9	14	3·5	10	4·2	09	1·9	14	3·1	r18	3·0	13	3·0	09	4·1	08	5·1	10	1·9	10	4·6	11	3·5	11	1·2	14	2·3	11	2·3	12	3·4
22	12	2·2	13	3·4	10	3·7	09	1·6	14	3·4	15	1·8	14	2·1	10	4·4	09	5·4	10	2·2	11	4·2	12	3·2	11	1·8	14	2·8	11	2·7	12	2·0
23	12	1·3	14	4·2	08	3·6	09	1·2	13	3·3	14	2·2	14	1·7	10	4·4	09	5·0	10	1·4	08	4·0	12	3·1	14	2·0	13	2·6	11	2·1	12	2·4

AUGUST 1950—*continued*

Day	17d.		18d.		19d.		20d.		21d.		22d.		23d.		24d.		25d.		26d.		27d.		28d.		29d.		30d. *		31d.		Mean
Hour	Dir.	Vel	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Velocity
Midnight	12	2·9	11	0·8	15	2·6	11	3·0	11	1·8	11	2·1	12	2·9	13	2·6	08	5·1	11	4·3	08	4·0	10	2·0	10	1·8	08	1·8	11	1·5	2·8
1h	12	3·0	12	2·7	14	4·4	12	2·8	13	1·5	11	2·4	12	2·6	14	3·0	08	6·7	07	3·0	07	3·3	09	1·2	10	1·9	08	1·4	11	1·8	2·7
2	12	2·3	12	3·1	14	3·6	12	2·7	10	2·2	12	3·9	12	1·9	14	2·2	08	4·1	07	3·7	07	3·3	09	1·3	10	1·1	08	1·9	12	2·1	2·5
3	13	2·0	13	2·8	12	3·3	12	3·1	12	2·8	10	3·1	12	2·3	13	2·3	09	3·7	07	4·7	07	3·4	09	1·3	10	3·1	10	2·2	12	1·7	2·7
4	13	2·4	14	1·9	12	4·3	13	1·8	14	2·4	11	2·9	10	3·1	13	1·8	08	0·0	08	3·5	07	3·6	10	2·4	10	1·9	09	2·0	12	0·8	2·7
5	12	1·7	11	3·3	14	2·8	12	3·4	12	3·3	11	2·6	10	3·3	13	1·4	08	5·9	08	4·0	06	3·4	08	0·9	10	2·2	09	2·2	12	1·2	2·8
6	12	2·8	12	2·2	14	3·4	10	2·9	12	3·2	09	4·2	11	4·1	13	1·2	08	5·9	08	4·3	06	3·0	08	1·4	10	2·5	09	2·7	13	0·8	2·9
7	11	4·2	12	1·0	13	4·3	11	4·0	12	2·0	10	5·0	12	4·3	13	2·5	08	6·0	08	3·2	08	2·7	08	1·3	10	1·8	09	1·7	12	2·9	3·1
8	10	4·7	12	2·1	14	3·9	11	3·8	12	2·3	10	3·8	11	4·1	12	3·0	08	5·4	08	4·1	06	4·5	10	2·1	10	3·5	09	1·4	11	3·2	3·3
9	10	6·3	13	3·4	12	4·7	10	6·1	12	3·9	08	5·1	11	5·8	11	4·2	08	5·0	08	5·0	05	3·8	10	4·2	09	4·5	08	2·8	10	4·9	4·1
10	10	7·0	14	4·3	13	6·6	10	5·6	11	6·4	09	6·6	12	5·8	11	4·3	08	6·1	08	4·8	06	5·3	10	4·3	09	4·4	08	1·8	12	4·4	4·7
11	11	6·8	13	5·8	11	6·3	11	6·8	10	5·9	10	6·9	10	6·4	09	4·7	08	5·7	07	5·9	06	4·7	08	6·2	06	4·6	07	2·5	13	5·9	5·1
Noon	10	6·5	14	5·0	12	7·0	10	6·2	10	6·1	08	7·5	10	6·4	11	5·7	08	5·0	08	5·7	07	5·1	10	5·1	07	4·5	06	3·1	12	6·3	5·3
13h	11	6·5	13	5·7	12	7·2	10	6·8	12	6·4	10	8·5	09	6·4	11	5·8	08	5·8	08	5·6	08	4·3	09	5·4	06	5·0	09	3·2	12	6·5	5·6
14	12	4·5	13	6·6	10	6·2	10	6·4	11	6·8	08	7·9	09	6·0	11	5·2	08	5·3	06	6·6	06	4·7	10	5·6	08	4·8	d20	4·4	13	6·8	5·4
15	10	5·5	12	6·6	10	6·3	10	6·8	10	6·1	08	7·0	10	5·9	10	5·8	08	4·9	08	6·6	10	5·0	08	5·1	08	4·4	26	3·4	12	7·0	5·3
16	10	4·9	13	6·6	12	5·5	11	5·5	12	5·5	10	7·4	12	5·7	10	4·9	08	6·2	08	5·8	09	4·1	09	5·1	08	4·7	22	2·9	12	7·2	5·2
17	11	4·6	12	5·5	11	4·8	10	4·5	10	5·4	10	5·1	11	5·1	11	4·9	08	4·6	08	5·4	08	3·6	09	5·4	08	4·4	24	2·1	12	7·1	4·6
18	11	2·9	12	5·5	11	3·4	12	4·2	12	4·3	08	5·8	10	4·2	10	4·1	09	5·5	08	4·6	09	3·4	10	2·9	08	2·7	22	1·2	13	6·4	3·9
19	11	2·5	13	3·2	12	3·4	11	3·5	11	2·9	10	3·2	11	3·4	10	4·3	08	4·4	08	4·4	09	2·8	10	2·3	08	2·2	22	1·2	13	6·4	3·3
20	10	1·9	13	3·4	12	3·3	12	2·2	10	2·5	11	4·1	12	4·0	10	4·8	09	4·9	08	4·1	09	3·2	10	2·3	08	1·5	17	1·9	13	5·7	3·2
21	10	1·5	14	2·4	12	2·9	12	4·3	11	2·6	12	4·1	12	3·9	09	5·4	08	4·5	07	3·4	10	2·4	10	2·8	08	1·9	12	1·8	12	5·4	3·2
22	11	1·1	14	2·7	11	3·0	12	2·3	11	2·2	10	4·5	13	4·0	09	5·1	08	4·7	08	3·9	10	2·8	10	2·8	08	1·5	08	1·5	12	4·5	3·0
23	11	1·0	13	2·7	11	2·1	12	2·2	11	2·4	10	4·1	13	3·1	09	5·4	07	3·3	08	3·5	10	2·5	10	2·4	08	1·7	08	1·8	12	4·3	2·8

Table XII.—Wind Frequency (Number of Observations) August, 1950

Hour	Force (0–12)			Direction															
	8 or above	4 to 7	0 to 3	N.	N.N.E.	N.E.	E.N.E.	E.	E.S.E.	S.E.	S.S.E.	S.	S.S.W.	S.W.	W.S.W.	W.	W.N.W.	N.W.	N.N.W
3	...	...	31	...	...	...	...	7	6	15	2	1	...	...	...	...	...	...	...
9	..	5	26	...	...	1	..	9	8	12	...	1	...	...	...		..	...	...
15	...	10	21	...	...	1	...	10	10	7	...	...	1	1	...	...	1	...	...
21	...	...	31	...		...	...	7	6	13	4	...	1	...	..	...	...	...	...
Totals	...			...	...	2	...	33	30	47	6	2	2	1	...	...	1	..	...

Table XIII.—Rainfall at every Hour of the Day at the Royal Alfred Observatory, August, 1950

Day / Hour	1d	2d	3d	4d	5d	6d	7d	8d	9d	10d	11d	12d	13d	14d	15d	16d	17d	18d	19d	20d	21d	22d	23d	24d	25d	26d	27d	28d	29d	30d	31d
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1h	...	...	...	0·5	...	...	..	...	0·1	1·0	...	0·5	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	...	..	...	...	...
2	...	...	...	...	...	0·4	...	...	0·4	...	0·2	0·1	...	...	...	...	..	...	...	...	0.2	...	...	...	...	...	...	...	...	...	...
3	...	...	...	1·1	...	0·6	...	...	.	0·7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	0·1	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	0·1	...	...	..	0·1	...	...	...	...	...	...
5	...	...	...	0·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	1·4	...	...	...	...	...	...	...	...	...
6	...	...	...	0·5	...	...	...	...	...	..	...	...	...	...	...	...	..	...	...	...	...	0·1	...	0·2	...	..	...	...	...	...	...
7	...	...	...	0·2	...	...	...	...	...	0·3	...	...	...	...	...	...	...	...		...	...	...	...	0·1	...	0·2	...	...	...	...	...
8	...	...	..	...	...	...	..	..	...	...	...	...	.	...	...	...	..	...	..	...	...	...	...	...	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...	...	...	0·2	0·3	...	...	...	...	...	...	...	..	...	...	...	0·3	...	..	..	..	...	...	...	...
10	...	...	...	0·7	...	...	...	...	...	0·1	0·3	...	...	...	...	...	...	...	...	...	..	0·6	...	0·1	...	..	...	.	..	...	...
11	...	...	...	...	...	...	...	...	...	0·7	...	...	...	..	...	...	...	...	..	...	...	0·1	..	0·1	...	..	...	...	...	..	...
Noon	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...
13h	...	...	1·0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	1·0	...	...	...	...	..	0·1	...	..	..	...	...	...	...	...	..	..	..	...	...	...	...	...	..	...	...	...	...	...
15	...	...	0·4	...	. .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...
16	...	..	0·1	...	...	...	...	...	1·1	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	..	..	...	...	...	...
17	...	...	0·3	...	..	...	...	0·3	..	...	...	...	...	...	...	...	...	...	...	...	...	...	..	0·2	...	...	...	...	...	...	...
18	...	...	0·4	...	0·6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	...	...	0·1	...	.	...	...	...	...	...
19	...	...	0·6	...	...	. .	...	...	0·2	...	...	...	...	...	...	...	...	...	.	...	...	...	...	0·1	...	...	...	..	...	...	...
20	...	...	0·4	...	..	...	...	0·2	...	...	...	...	...	...	...	...	...	...	...	...	...	. .	...	0·2	...	...	...	...	...	...	...
21	...	...	0·8	...	...	...	...	...	0·4	...	...	...	...	...	...	.	...	..	...	...	...	...	...	0·4	..	...	...	...	.	. .	...
22	...	...	1·1	...	...	..	...	...	0·1	...	1·1	...	...	...	...	...	.	...	...	..	0·5	...	...	0·2	0·1	...	...	...	...	...	...
23	...	...	2·0	...	...	...	...	...	0·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·0	...	...	...	...	...	...
24	...	...	2·7	...	...	...	...	...	0·2	...	3·2	...	...	...	...	...	...	..	...	...	...	1·4	...	...	2·4	..	...	...	...	...	...

Table XIV.—Rainfall at every Hour of the Day at the Aerological Station, Vacoas. for August. 1950

Day / Hour ending	1d	2d	3d	4d	5d	6d	7d	8d	9d	10d	11d	12d	13d	14d	15d	16d	17d	18d	19d	20d	21d	22d	23d	24d	25d	26d	27d	28d	29d	30d	31d
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1h	...	...	...	2·0	...	...	...		0·8	0·1	0·2	2·0	...	...	...	...	...	...	0·3	...	...	0·4	2·1	0·1	0·5	.	...	...	...	...	...
2	...	...	..	1·4	...	...	...	...	0·7	0·2	0·3	0·7	...	..	...	...	...	..	...	0·4	...	1·2	3·2	0·4	0·1	0·3	...	..	...	...	...
3	...	..	...	...	...	..	.	...	...	0·2	0·2	...	...	0·2		...	...	...	...	..	...	1·0	0·2	0·3	0·9	0·1	...	...	...	...	...
4	...	...	..	0·1	...	...	...	...	0·2	...	0·2	...	...	...	..	...	...	...	...	...	...	1·2	0·7	0·1	0·3	...	...	...	...	...	..
5	. .	..	...	0·3	...	...	...	...	...	...	...	...	..	...	0·5	..		...	...	...	...	1·7	0·5	0·2	0·2	...		...	...	...	...
6	...	...	...	0·6	...	...	...	...	...	0·1	...	...	...	...	...	...	...	...	...	...	...	0·7	0·1	0·2	...	...		0·1	...	...	0·5
7	...	...	...	0·4	...	...	...	...	...	0·3	..	...	...	0·8	0·4	...	0·7	...	..	...	...	. .	0·2	0·2	0·4	...	0·1	...	...	...	0·2
8	..	...	.	...	..	...	...	...	...	1·4	...	...	...	...	0·1	...	...	0·1	...	..	..	...	...	0·1	0·1	...	0·1	...	...	...	0·2
9	...	...	...	...	...	...	...	...	...	...	...	.	...	..	...	...	...	...	...	...	.	...	...	..	0·1	...	0·1	...	...	...	...
10	...	...	...	0·1	0·3	0·2	...	...	...	0·4	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	..	0·1	...	...	...
11	...	...	0·1	...	...	...	...	...	...	0·2	0·5	...	...	...	...	...	...	. .	...	...	...	..	...	...	0·2	...	...	...	...	...	...
Noon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·2	...	...	...	...	...	...
13h	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	0·1	...	...	...		...	...	...	...	...
14	...	...	0·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	..	...	...	...	...	...
15	...	...	0·4	...	...	...	...	...	1·4	...	0·5	...	...	...	...	...	...	..	...	...	...	...	...	...	...	..	...	..	...	...	...
16	...	...	...	...	...	...	...	..	1·0	...	...	...	...	...	.	...	...	...	...	...	...	...	...	.	...	...	...	...	...	...	...
17	. .	...	...	...	...	...	...	...	1·6	...	...	...	...	...	...	...	...	..	...	...	0·2	...	...	0·4	...	..	0·1		...	...	...
18	...	...	0·2	...	...	...	...	...	0·7	...	...	...	...	...	...	...	...	...	..	...	0·8	0·1	...	0·6	...	...	...	...	...	...	...
19	...	...	0·5	...	...	...	...	1·0	...	...	...	...	...	...	...	...	0·3	...	...	...	0·2	...	...	1·0	..	...	...	...	...	...	...
20	...	...	0·2	...	...	...	...	0·8	0·2	...	...	...	...	...	...	...	0·7	...	..	...	1·5	..	.	0·7	...	...	...	...	...	...	...
21	...	...	0·9	..	...	...	...	0·2	0·5	...	...	...	...	...	...	...	...	.	...	0·2	0·4	0·7	0·3	1·0	...	...	...	...	...	...	...
22	...	...	0·2	...	...	...	...	..	0·1	0·2	...	...	...	...	...	...	...	...	...	0·4	0·1	1·3	...	0·5	..	...	...	.	...	..	...
23	...	...	0·8	...	...	...	...	0·2	0·3	...	...	...	...	...	.	...	...	...	...	0·1	0·2	0·3	.	0·2	0·5	..	...	...	...	...	...
24	...	...	0·8	. .	...	...	...	0·3	0·5	...	...	...	...	...	...	..	...	...		0·3	...	0·3	...	0·2	0·7	...	...	...	...	...	...

Table XV.—Total Monthly Rainfall at Various Stations in Mauritius according to Districts, August, 1950

Districts	Stations	Approximate Altitude in feet	Total Fall in Inches	Total Fall in mms.	Normal in Inches	Number of days
B. River ...	Albion	—	0·42	10·7	—	1
	Anna Ltd., Bambous ...	—	—	—	—	—
	Beaux Songe	—	—	—	—	—
	Case Noyale ...	—	—	—	—	—
	Clarens ...	—	0·00	0·0	—	0
	Govt. School, Bambous ...	—	0·04	1·1	—	1
	Grande Rivière Noire ...	—	—	—	—	—
	La Ferme	—	0·08	2·0	1·25	2
	La Mecque	—	0·12	3·0	—	1
	Médine	—	0·14	3·5	—	2
	Mon Désir, Tamarin ...	—	0·10	2·5	—	1
	Palma	—	—	—	—	—
	Palmyre	—	1·15	29·2	—	4
	Petit Verger	—	—	—	—	—
	Pierre Fonds	—	0·48	12·2	2·38	3
	Richelieu	—	0·24	6·0	—	5
	Tamarin	—	0·15	3·8	—	1
Port Louis	Abercrombie Nursery ..	—	0·99	25·0	—	17
	Line Barracks... ...	—	0·63	16·1	—	8
P/mousses	Beau Plan	—	1·09	27 7	—	5
	Belle Vue (Harel) ...	—	1·80	45·7	—	4
	Belle Vue (Maurel) ...	—	4·17	105·9	—	4
	Bois Rouge (de St. Romain)	—	—	—	—	—
	Botanical Gardens ...	325	1·27	32·2	2·98	11
	California ...	—	8·68	220·5	—	11
	Couroupa ..	—	—	—	3 67	—
	Fond du Sac (Ramlagan) ...	—	—	—	—	—
	Govt.School, Pl. des Papayes	—	4·96	125·9	—	6
	La Nicolière	—	5·00	127·0	4·59	15
	Montagne Longue ...	—	—	—	—	—
	Mapou ...	—	—	—	—	—
	Massilia and Balaklava ...	—	—	—	—	—
	Mont Choisy, Grand Bay...	—	1·80	45·7	—	7
	Mon Mascal, Grrnd Bay ...	—	2·46	62·5	—	3
	Mont Piton	680	2·40	61·0	3·70	5
	Mon Songe (Mapou) ...	620	5·87	149·1	3·97	10
	Rouge Terre, Fond du Sac...	—	—	—	—	—
	Solitude ..	175	0·45	11·4	1·71	1
	Sottise, Mapou ...	—	2·12	53·8	—	8
	Terre Rouge	—	—	—	—	—
	The Observatory ...	179	1·52	38·5	2·25	13
	Maison Blanche ...	—	1·58	40·1	—	6
	Le Souvenir	—	1·49	37·8	—	7
	Pampl. Experiment Stn. ...	—	1·97	50·0	—	10
	Notre Dame (La Nouvelle Industrie Ltée)	—	1·60	40·6	—	8
Rivière du Rempart	Antoinette ...	640	3·31	84·1	2·12	7
	Beau Bois, B. Verdière ...	—	—	—	—	—
	Beau Séjour	300	2·45	62·2	3·65	6
	Bel Etang	—	—	—	—	—
	Bel Mont ...	50	4·81	122·2	2·06	9
	Espérance (Harel) ...	—	3·58	90·9	—	11
	Espérance (Souchon) ...	—	3·58	90·9	—	11
	Forbach	—	2·04	51·8	2·29	5
	Govt. School, Grand Bay ...	—	1·54	39·2	—	2
	Haute Rive	—	—	—	—	—
	Ile d'Ambre	—	3·90	99·1	—	4
	Labourdonnais	290	2·00	51·0	2·76	6
	L'Amitié	—	—	—	—	—
	Mare Sèche, Grand Bay ...	20	—	—	2·40	—
	Mon Choix	700	1·97	50·0	3·11	6
	Mon Loisir (Lagesse) ...	—	4·51	114·6	2·78	9
	Mon Loisir (Rouillard) ...	—	—	—	—	—
	Mon Tracas (Audibert) ...	—	—	—	—	—
	Petit Raffray, (Mapou) ...	—	—	—	—	—
	Poudre d'Or	20	4·08	103·6	2·06	9
	Ravensworth	—	4·55	115·6	—	6
	Schœnfeld	—	—	—	—	—
	Saint Antoine ...	50	3·52	89·4	2·12	8
Flacq ...	Australia, Pont Praslin ...	—	3·58	90·9	—	6
	Beau Bois, St. Julien ...	—	5·95	151·1	—	8
	Beau Champ G.R.S.E. .	20	5·24	133·3	3·64	11
	Bel Etang	—	6·13	155·7	—	20
	Belle Mare, Argy ...	—	—	—	—	—
	Belle Rive .. .	400	12·49	317·3	8·83	14
	Belle Vue (Allendy) ..	—	5·28	134·1	4·32	11
	Bois Clair	—	—	—	—	—
	Brisée Verdière ...	—	—	—	—	—
	Camp de Masque ...	—	—	—	—	—
	Caroline, Bel Air ..	—	—	—	—	—
	Castel Estate, Bel Air ...	—	—	—	—	—
	Clémencia	—	—	—	—	—
	Constance La Gaieté ...	100	5·43	137·9	3·27	11
	Deep River	—	7·83	198·9	—	16
	Etoile	—	9·01	228 8	—	15
	Govt. School, Central Flacq	—	2·77	70·3	—	25
	Govt. School, G.R.S E. ...	—	4·20	106·6	—	12
	Grande Retraite ...	—	—	—	—	—
	Grosse Roche ...	—	—	—	—	—
	La Lucie, Bel Air ...	—	—	—	—	—
	Melrose, Montagne Blanche	—	—	—	—	—
	Olivia	400	6·85	174·0	6·01	18
	Palmar	—	—	—	—	—
	Petite Etoile, Bel Air ...	—	—	—	—	—
	Petite Victoria... ...	—	—	—	—	—
	Queen Victoria ...	—	7·13	181·1	—	10
	Rich Fund, St. Julien ...	—	5·42	137·7	—	10
	Terres Franches ...	—	7·81	198·4	—	16
	Terres Rocheuses ...	—	7·00	177·8	—	9
	Rivière Sèche ...	—	5·85	148·6	—	0
	Ruisseau Rose ...	—	—	—	—	—
	Sans Souci	900	8·37	210·6	9·17	16
	Sébastopol	—	—	—	—	—
	Trois Ilots	—	6·56	166·6	—	16
	Union Regnard S. E. ...	600	8·31	211·1	3·69	11
	Unité	—	—	—	—	—
	Beau Rivage Estate ...	—	4·10	104·1	—	8
G. Port .	Anse Jonchée	—	—	—	—	—
	Astroea, Cluny ...	—	5·30	134·6	—	16
	Beau Lieu, Union Park ...	—	—	—	—	—
	Beau Vallon (Partie Haute)	—	3·60	91·4	—	12
	" (La Cour)	—	3·51	89·2	—	8
	Deux Bras ...	—	8·09	205·5	—	18
	Eau Bleu, Cluny ...	—	—	—	—	—
	Ferney	20	6·75	171·5	4·75	14
	Grand Bois, Rose Belle ...	—	—	—	—	—
	Gungah Frères, New Grove	—	—	—	—	—
	Khoratty, Escalier ...	—	—	—	—	—
	La Vallée, Cluny ...	—	—	—	—	—
	Le Vallon	—	—	—	—	—
	Mare d'Albert ...	—	—	—	—	—
	Mon Désert Carié ...	75	3·81	96·8	3·33	14
	Mon Trésor	—	5·47	138·9	—	11
	New Grove	650	7·40	188·0	—	13
	Plaisance Airfield ...	160	4·68	118·8	—	22
	Riche-en-Eau	—	6·56	166.6	—	17
	Rose Belle	850	11·15	283·2	9·76	27
	Sauve Terre	—	4·01	101·9	—	14
	Savinia	—	3·45	87·6	—	9
	Ste. Hélène	—	3·86	98·0	—	10
	St. Hubert, Cluny ...	—	18·90	480·1	—	16
	Ste. Madeleine, Cluny ...	—	—	—	—	—
	Union Park	—	—	—	—	—
	Union Vale	—	4.99	126·7	—	13
	La Baraque	—	4·72	119·9	—	14
Savanne	Baie du Cap	—	—	—	—	—
	Beau Bois	—	—	—	—	—
	Beau Champ B. du Cap ...	70	3·98	101·1	3·49	8

Table XV contd.—Total Monthly Rainfall at Various Stations in Mauritius according to Districts, August, 1950

Districts	Stations	Approximate Altitude in feet	Total fall in Inches	Total fall in mms.	Normal in Inches	Number of days
Savanne	Beau Climat ...	—	12·05	306·1	—	19
	Bel Air, Montocchio ...	—	—	—	—	—
	Bel Air, St. Félix ...	—	4·85	123·2	3·68	9
	Bel Air, Ch. Grenier ...	—	—	—	—	—
	Bel Ombre ...	40	4·39	111·5	3·45	15
	Bènarès	—	—	—	—	—
	Bois Chèri Tea Factory ...	—	12·88	327·2	·	23
	Britannia ...	700	7·33	186·2	6·39	19
	Camp Diable	—	—	—	—	—
	Cascades	—	—	—	—	—
	Chamouny, Chemin Grenier	—	—	—	—	—
	Choisy, Baie du Cap ...	200	0·66	16 8	2·74	9
	Colmar	400	8·14	206·8	5·23	19
	Combo	—	6·54	166·1	—	7
	Fontenelle	320	5·13	130·3	4·75	7
	Frédérica	—	3·67	93·0	4·22	9
	Joli Bois, Rivière Dragon...	—	—	—	—	—
	La Flora ..	1,050	11·16	283·5	9 84	19
	Luchon	—	—	—	—	—
	Martinière, Souillac ...	—	—	—	—	-
	Plaines Longanes ...	—	—	—	—	—
	Riche Bois	650	6·62	168·1	5·75	18
	Ruxa, R. des Anguilles ...	—	5·00	127·0	—	8
	Savannah	200	3·06	77·7	4·08	13
	Saint Aubin	300	—	—	4·30	—
	Saint Avold	900	7·48	190·0	7·80	19
	Saint Félix	—	3·55	90·2	—	10
	Sainte Marie	—	4·59	116·6	—	8
	Terracine	—	3·61	91·7	—	6
	Tivoli	1,300	9·32	236·7	10·96	19
	Union Sugar Estate	—	4·91	124·7	4·44	7
	R. des Anguilles, S E. ...	—	4·71	119·6	—	14
Plaines Wilhems	Aerological Station, Vacoas	1,393	2·59	65·8	5·40	24
	Bagatelle	1,250	3·05	77.5	4·08	9
	Barkly, Beau Bassin ...	—	0·52	13·2	—	8
	Bassin, Quatre Bornes ...	—	0·82	20·8	3·03	8
	Belle Vue (Martin) ...	—	—	—	—	—
	Chebel	—	0·35	8·9	—	4
	Clermont, Petite Rivière ...	—	—	—	—	—
	Curepipe Gardens ..	1,840	8·01	203·4	8 09	20
	Ebène ...	—	4·41	112·0	—	11
	Floréal	-	—	—	—	—
	Gros Cailloux, Pte. Rivière	—	0·32	8·1	—	3
	Henrietta ..	-	2·39	60·7	—	14
	Highlands	1,000	4·18	106·2	5·08	13
	Crown Land Wootton ..	—	7·72	196·0	—	23
	La Marie Filter Beds ...	1,700	5·51	140·0	7·07	17
	Les Rosieres, Pte. Rivière...	—	0·39	9·9	—	3
	Malgré Tout, Pte. Rivière	—	—	—	—	—
Plaines Wilhems	Moon	—	1·34	34·0	—	12
	Mare-aux-Vacoas (Arnaud)	1,830	9·53	242·1	11·40	24
	Mare-aux-Vacoas (G. End.)	1,850	9·34	237 2	10·68	24
	Midlands Dam ...	—	13·00	330·2	—	17
	Nouvelle France ...	—	—	—	—	—
	Parc-aux-Cerfs (Tea Plantations)	—	7·51	190·8	—	23
	Pétrin	—	9·99	253·7	—	22
	Phœnix ...	—	1·88	47·8	·	7
	Quatre Bornes... ...	1,090	0·98	24·9	—	8
	Réunion ...	1,420	3·94	100·1	5·13	15
	Roches Brunes, B Bassin	—	—	—	—	—
	Royal College, Curepipe ...	—	—	—	—	—
	Tamarin-Falls .	—	3·34	84·8	—	13
	Trianon	950	1·52	38·6	2·80	8
	Mare Longue	—	5 92	150·4	—	22
Moka ...	Alma	1,460	8·21	208·5	6.99	24
	Béga	—	0·77	19·6	—	9
	Beau Bois (Moka) ...	—	—	—	—	—
	Bonne Veine ...	400	8 41	213·6	8·48	21
	Chantenay, Moka ...	—	—	—	—	—
	Circonstance	—	—	—	·	—
	Côte D'Or . ..	—	2·85	72 4	—	8
	Helvetia	—	—	—	—	—
	Hermitage	1,450	4·41	112·0	9·64	11
	Le Réduit	1,000	1·46	37·1	2·55	13
	Minissy	1,150	2·42	61·5	3·25	10
	Mon Désert		2 96	75·2	—	13
	Mon Ida, Q. Militaire ...	—	—	—	—	—
	Mont Pévril	—	2·19	55·6	—	10
	Mon Rêve	—	1·55	39·4	—	10
	Réduit Ltd , Moka ...	—	—	—	—	—
	Ripailles, St. Pierre ...	—	—	—	—	—
	Piton du Milieu Reservoir...	—	9·70	246·4	—	25
	Flat Island	—	6·47	164·3	—	5
Rodrigues	Oyster Bay	—	3·06	77·8	—	11
	Point Venus	—	3·43	87·2	—	15
	Solitude	—	8·46	215·0	—	20
Chagos	Diégo Garcia, Met. Station	—	1·21	30·8	—	4
Archipelago	Péros Banhos	—	2·26	57·4	—	2
	Salomon Islands (Boddam)	—	1·33	33·8	—	3
Cargados Caragos	St. Brandon	—	1·68	42·6	—	16
Agalega	Met. Station	—	2·34	59·4	—	19

Table XVI.—Observations of Pilot Ballons, month of August, 1950

Date	Time	1,000 feet		3,000 feet		5,000 feet		7,000 feet		10,000 feet		13,000 feet		15,000 feet		17,000 feet		20,000 feet		25,000 feet		30,000 feet	
		Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.
1	08.32	13	10	11	06	02	02	29	13	..	..	...	...	...	...	...	...	...	...	..	...	...	...
2	08.53	15	15	15	11	08	03	33	07	...	...	...	...	...	...	...	...	...	...	..	..	...	...
3	09.15	12	16	...	...	...	...	...	...	...	...	...	...	...	..	...	..	..	...	...	...	..	...
4	08.50	09	20	09	21	...	...	...	...		...	...	..	...	...	...	...	...	...	...	..	...	...
5	08.53	11	04	20	04	19	04	31	09	25	11	...	...	...	...	...	..	...	...	...	..	...	..
6	08.45	28	02	26	17	30	18	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...
7	08.32	20	06	19	07	29	11	26	09	23	14		...	...	..	...	...	...	...			...	...
8	08.00	11	20	10	16	09	15	...	...	...	...	...		...	...	...	...	...	...	...	..	...	..
9	08.49	10	15	08	16	08	17	...	...	...	...	...	...	...	...	...	...	...	...	...	.	...	...
10	08.32	10	20	10	25	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	..	...	...
11	08.50	11	28	12	20	12	19	...	...	...	...	...	...	...	...	...	...	..	...	...	.	...	..
12	09.10	12	15	11	19	11	13	09	16	...	..	...	...	...	...	..	...	...	..	...	.	...	...
13	08.34	17	07	19	05	20	06	31	12	...	..	...	...	...	...	..	..	.	...	..	..	...	..
14	08.28	15	23	16	16	20	05	17	02	06	05	..	...	...	...	...	...	...	...	...	...	...	...
15	09.26	12	10	11	20	12	19	...	...	...	...	...	...	...	...	...	...	..	...	...	..	...	...
16	08.50	11	20	10	07	03	03	32	15	36	08	15	10	18	04	...		...	...	...	..	...	...
17	08.09	13	23	11	18	14	06	27	18	29	11	...	...	..	...	..	...	...	..	...	..	...	..
18	08.31	14	09	15	21	16	11	19	09	...	...	...	...	...		..	...	...	...	...	..	..	..
19	08.46	13	08	15	20	15	19	...	...	...	...	...	...		...	...	...	...	...	...	..	..	..
20	08.48	10	30	13	25	13	24	...	..	...	..	..	...	...	..	..	...	...	..	...	..	..	...
21	08.41	13	11	18	23	10	20	11	18	...	.	...	...	...	..	...	...	...	...	..	..	...	...
22	08.00	11	22	09	21	...	...	..	...	...	...	...	...	...	...	...	...	..	...	...	..	...	...
23	08.55	14	28	11	15	10	20	10	17	...	...		..		...	...	...	...	...	...	...	...	..
24	08.38	13	18	12	20	...	...	...	..	...	..		...	...		...	..	...	..	.	..	..	...
25	08.28	09	26	07	34	...		...	...	...	...	...	13	...	...	.	...	...	..	..	...	..	..
26	09.00	09	17	09	22		...	..	...	..	...	..	...	...	...	...	...	...	...	...	...	...	...
27	08.40	08	18	07	17	...	...		..	...	...	...	...	...	..	...		..	...	...	..	...	...
28	08.31	11	16	10	16	11	19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	08.32	10	09	09	14	...	...	...	...	...	...	...	...	...	...	...	...	.	...	..	...	...	...
30	08.43	10	09	13	10	15	14	17	10	27	06	28	13	27	16	27	17	...	...	...	...	..	...
31	08.00	13	13	14	15	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...

COLONY OF MAURITIUS

Royal Alfred Observatory, Mauritius

(LATITUDE 20° 5′ 39″ S.—LONGITUDE 3h 50m 12·6s E.)

RESULTS

OF

Magnetical and Meteorological Observations

FOR THE MONTH OF

SEPTEMBER, 1950

N. R. McCURDY, B.Sc.
Director.

Published by Authority of His Excellency the Governor

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Table I.—Results of Magnetical Observations taken during the month of September, 1950

Month and Day	Mean: Declination (West)	Mean: Horizontal and Vertical Force (C.G.S. Units)		Daily Range: Declination	Daily Range: Horizontal Force (Unit 1 γ)	Daily Range: Vertical Force (Unit 1 γ)
Sept.	° ′			′		
1	15 41·1	.22340	.30425	7·0	43	44
2	41·4	347	429	8·8	42	30
3	41·2	317		6·0	124	—
4	42·6	283	—	7·6	82	—
5	41·6	295	—	6·2	69	—
6	—	301	—	—	84	—
7	42·2	309	—	5·0	22	—
8	42·1	313	—	6·6	35	—
9	41·4	326	426	7.6	40	36
10	—	—	—	—	—	—
11	—	—	—	—	—	—
12	41·9	329	426	6·4	36	47
13	41·8	336	421	7·6	82	47
14	42·5	327	424	6·8	66	49
15	43·7	336	422	6 4	38	44
16	—	352	—	—	95	—
17	—	334	—	—	77	—
18	—	—	—	—	—	—
19	—	338	428	—	59	25
20	—	326	—	—	74	—
21	42·4	320	—	7 8	30	—
22	42·6	333	424	7·6	34	35
23	41·7	341	425	7·2	76	28
24	41·8	342	426	5·0	67	31
25	42 4	335	—	5·2	55	—
26	42·6	340	—	6·4	59	—
27	42·2	345	—	5·0	31	—
28	42·0	353	425	5 0	37	37
29	42·4	361	—	6·6	19	—
30	—	355	—	—	37	—
—	—	—	—	—	—	—
	° ′			′		
Mean	15 42·08	·22331	·30425	6·56	56·0	37·7

Magnetic Disturbances—September, 1950

3d. Moderately disturbed.
4d. Moderately disturbed.
5d. Moderately disturbed.
6d. Moderately disturbed.
8d. Slightly disturbed.
9d. Slightly disturbed.
12d. Slightly disturbed.
16d. Moderately disturbed during second half.
17d. Slightly disturbed.
18d. Slightly disturbed.
20d. Moderately disturbed.
21d. Slightly disturbed.
23d. Moderately disturbed.
24d. Moderately disturbed.
25d. Moderately disturbed.
26d. Slightly disturbed.
Quiet trace till the end of the month.

T = ·37741 : Mean Dip = 53°43′·35 X = ·21498 : Y = −·060428 : Z = ·30425

Table II.—Results of Absolute Determinations of the Magnetic Elements made during the month of September, 1950

Declination (West)		Horizontal Force		Dip (South)		Resulting Vertical Force
Day and Hour	Observed Value	Day and Hour	Observed Value	Day and Hour	Observed Value	
d h m	° ′	d h m		d h m	° ′	
5 10 10	15 42·50	1 9 55	·22362	5 10 20	53 43·75	.30416
12 10 25	15 45·75	5 9 48	·22310	12 10 15	53 42·87	.30411
19 9 55	15 45·87	12 10 50	·22337	19 10 07	53 43·50	.30408
26 10 15	15 45·13	19 9 30	·22357	26 10 05	53 42·63	.30412
		26 10 40	·22338			
		29 9 38	·22350			

Table III—Magnetic Declination West at every Hour of the Day as deduced from the Photographic Records

SEPTEMBER 1950

15° +

Day / Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Day / Hour
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	
Midnight	41·8	42·0	41·6	45·6	42·4	42·6	42·2	42·8	40·4	42·0	—	42·6	42·1	45·2	41·6	—	Midnight
1h	41·6	42·2	41·7	45·0	42·6	—	42·0	42·6	41·8	42·2	—	43·2	42·4	44·0	41·4	—	1h
2	41·4	42·4	41·6	44·0	42·2	—	41·8	42·0	42·0	41·6	—	43·3	43·2	43·8	40·8	—	2
3	41·2	42·4	42·4	47·0	40·0	—	41·8	41·8	40·0	41·6	—	43·6	43·4	43·2	40·6	—	3
4	41·4	42·6	42·2	46·2	40·5	—	40·4	40·8	40·2	41·8	—	43·0	43·4	42·4	40·6	—	4
5	41·6	42·4	42·4	42·8	39·0	—	41·4	41·0	41·0	39·0	—	42·2	42·4	42·0	41·0	—	5
6	41·4	42·0	42·0	42·6	39·2	—	41·2	40·8	39·4	38·4	—	42·0	42·0	40·8	40·8	—	6
7	41·2	41·4	39·6	42·0	40·8	—	40·2	39·4	37·4	38·6	—	41·6	40·4	40·2	40·8	—	7
8	41·4	42·0	41·6	41·8	41·8	—	40·4	40·0	39·6	39·6	—	42·4	42·0	42·4	42·4	—	8
9	41·6	42·6	43·6	42·6	42·0	—	42·4	41·6	42·4	43·0	—	44·0	42·6	44·8	44·0	—	9
10	43·2	45·2	43·8	44·0	42·2	—	44·0	42·4	44·8	45·4	—	46·0	45·2	46·4	46·0	—	10
11	44·0	45·6	42·0	43·8	43·0	42·0	45·0	45·0	45·0	45·8	—	46·8	46·0	45·8	46·8	—	11
Noon	43·6	43·0	40·0	43·4	42·8	40·0	44·8	44·4	44·6	45·0	43·0	44·0	45·0	44·0	46·0	43·6	Noon
13h	42·0	40·0	40·8	40·0	42·4	40·0	44·0	43·6	42·4	44·0	41·2	40·4	42·8	43·0	45·2	40·4	13h
14	39·0	38·0	40·0	39·6	41·6	40·0	42·4	41·8	41·0	42·0	40·0	40·0	40·0	40·6	44·0	38·0	14
15	37·2	37·2	38·0	39·0	40·0	37·0	40·2	40·0	40·4	40·0	40·4	39·4	38·0	40·0	42·4	35·6	15
16	37·0	36·8	36·4	38·0	38·2	38·4	40·0	40·0	40·0	40·2	40·6	37·6	37·4	39·6	42·0	35·0	16
17	38·8	38·4	38·0	39·6	39·6	39·6	40·8	41·0	40·6	42·4	40·8	38·6	38·0	40·4	44·2	—	17
18	40·6	40·0	39·6	41·0	41·0	42·0	41·8	42·0	41·2	—	42·0	40·0	39·8	42·0	46·6	—	18
19	41·0	40·8	38·2	42·2	42·4	42·6	42·6	43·6	41·8	—	42·2	40·8	40·2	42·2	48·0	—	19
20	41·2	41·0	42·0	42·0	43·6	42·0	43·4	42·2	42·0	—	42·4	41·0	40·4	42·4	46·4	—	20
21	41·4	41·2	42·0	42·8	44·0	42·4	43·2	42·8	42·0	—	42·2	41·0	41·8	42·0	47·0	—	21
22	41·2	41·6	44·0	43·2	44·4	43·0	43·0	44·6	42·0	—	42·0	40·6	41·8	42·0	46·0	—	22
23	41·0	41·8	46·2	43·4	43·0	42·8	43·0	43·8	42·0	—	42·4	40·8	42·4	42·0	45·4	—	23

SEPTEMBER 1950—*continued*

15° +

Day / Hour	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.	Day / Hour
	′		′	′	′	′	′	′	′	′	′	′	′	′	′	′	
Midnight	—	—	43·0	—	43·4	43·0	42·7	44·0	43·8	42·8	43·4	41·6	42·4	41·2	—	42·7	Midnight
1h	—	—	43·2	—	43·6	42·8	43·0	43·8	42·4	42·6	41·6	41·4	43·2	40·0	—	42·6	1h
2	—	—	42·4	—	43·4	42·6	42·8	43·0	41·4	41·2	41·0	41·4	43·0	40·0	—	42·3	2
3	—	—	42·0	—	43·6	42·4	42·6	42·4	41·2	40·4	41·4	41·0	42·8	40·2	—	42·1	3
4	—	—	43·2	—	43·7	42·6	42·4	42·0	40·0	40·0	41·6	40·2	42·2	40·6	—	41·8	4
5	—	—	42·4	—	43·2	42·8	42·0	39·6	40·4	40·2	42·0	40·0	43·3	40·4	—	41·5	5
6	—	—	41·8	—	42·4	42·6	41·8	39·0	41·4	40·4	42·2	40·0	42·4	40·0	—	41·2	6
7	—	—	42·0	—	43·0	42·2	41·6	40·0	41·2	41·6	42·8	41·2	42·8	40·4	—	41·0	7
8	40·8		42·4	—	43·2	43·8	42·0	42·0	41·2	43·8	43·6	43·0	44·0	41·2	—	42·1	8
9	41·6	—	44·8	—	44·0	45·4	42·4	43·0	43·2	44·2	43·8	44·8	44·6	43·2	—	43·3	9
10	42·4	—	46·0	—	45·6	46·4	44·4	43·6	45·2	44·4	44·0	45·0	45·4	44·8	—	44·6	10
11	42·0	43·4	45·2	46·2	45·8	47·6	45·2	43·8	45·2	46·0	44·0	44·6	45·6	45·6	—	45·1	11
Noon	39·4	43·0	43·8	45·4	41·0	45·8	44·0	44·4	44·8	46·4	43·0	43·8	43·8	—	—	44·1	Noon
13h	38·4	42·0	41·0	43·0	41·0	43·0	42·0	42·0	41·2	45·0	39·0	42·0	42·0	—	—	42·1	13h
14	38·0	40·0	39·4	40·0	38·4	40·0	38·4	39·4	40·0	43·0	38·0	41·0	40·0	—	—	40·3	14
15	37·8	39·0	39·6	37·8	38·0	40·2	38·0	38·4	40·4	41·2	40·0	40·4	39·0	—	—	39·4	15
16	37·6	38·8	40·0	38·4	38·4	40·0	37·6	39·0	41·8	40·4	41·6	40·2	39·6	—	—	39·1	16
17	—	39·6	—	39·6	39·5	40·2	38·8	40·0	42·2	41·2	41·8	41·2	40·2	—	—	40·1	17
18	—	41·2	—	40·0	41·0	40·6	40·2	41·2	42·2	43·0	42·6	42·2	41·2	—	—	41·4	18
19	—	42·0	—	41·2	41·8	41·0	41·6	41·4	43·6	42·8	43·2	43·2	41·8	—	—	42·1	19
20	—	42·2	—	42·0	42·0	41·6	41·8	41·2	44·0	43·0	43·2	42·8	42·0	—	—	42·8	20
21	—	42·4	—	42·6	42·4	41·8	42·4	42·4	43·8	42·6	43·0	43·0	42·0	—	—	42·6	21
22	—	42·8	—	42·2	42·8	42·0	42·2	44·0	43·6	42·4	42·8	42·8	42·0	—	—	42·8	22
23	—	42·4	—	42·4	43·2	42·4	42·2	43·8	43·0	42·8	42·8	42·4	42·0	—	—	42·8	23

Table IV.—Magnetic Horizontal Force at every Hour of the Day as deduced from the Photographic Records

(The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber)

SEPTEMBER 1950

+ ·22000 (C.G.S. UNIT)

Day / Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Day / Hour
Midnight	319	329	347	238	298	313	309	322	314	342	—	328	321	291	322	331	Midnight
1	322	328	338	245	301	310	308	320	322	337	—	330	322	298	324	337	1
2	324	330	337	274	303	334	312	318	321	330	—	333	324	304	327	341	2
3	330	332	338	297	325	321	317	317	350	328	—	331	328	317	330	345	3
4	334	337	340	320	321	314	315	320	337	330	—	337	331	320	335	350	4
5	337	339	347	297	314	317	311	322	328	332	—	336	338	324	334	352	5
6	339	342	350	295	320	312	312	326	323	334	—	337	343	332	337	356	6
7	348	350	357	299	324	320	317	327	338	331	—	336	348	337	339	361	7
8	358	356	368	302	329	338	310	326	334	332	—	340	352	342	340	369	8
9	362	355	358	310	315	328	317	312	338	338	—	339	354	344	345	368	9
10	361	359	344	307	298	300	319	304	331	335	—	335	355	339	354	371	10
11	357	362	340	304	297	298	307	310	328	330	332	348	358	340	355	367	11
Noon	353	369	330	300	287	300	313	308	324	332	340	340	360	350	360	363	Noon
13	357	370	323	280	274	300	308	292	330	330	362	337	362	357	352	368	13
14	359	370	337	267	272	280	306	312	327	325	354	321	359	348	342	371	14
15	350	365	330	268	273	268	300	318	317	326	340	318	352	339	337	397	15
16	341	358	298	260	260	254	298	309	310	327	330	313	340	330	332	382	16
17	334	350	277	264	262	267	299	297	313	320	309	312	331	322	329	360	17
18	330	340	290	272	265	282	298	302	323	305	310	317	333	320	329	350	18
19	323	337	267	271	280	297	297	296	328	—	315	320	332	321	330	335	19
20	329	338	244	272	274	298	311	302	329	—	317	321	300	320	329	302	20
21	330	337	247	278	292	290	313	318	322	—	321	317	320	321	328	311	21
22	331	338	254	280	290	298	314	305	318	—	320	313	300	320	329	329	22
23	330	335	257	300	297	292	315	320	323	—	320	332	280	323	332	330	23

SEPTEMBER 1950—*continued*

+ ·22000 (C.G.S. UNIT)

Day / Hour	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.	Day / Hour
Midnight	327	—	334	347	310	322	338	311	322	313	362	347	353	359	—	323	Midnight
1h	340	—	340	345	309	323	339	350	350	319	341	341	360	358	—	327	1h
2	334	—	347	358	308	328	342	330	352	350	349	344	361	361	—	331	2
3	340	—	351	340	316	329	347	341	343	340	350	346	359	365	—	335	3
4	340	—	342	341	317	330	351	340	360	332	343	350	360	366	—	336	4
5	339	—	358	340	318	331	355	341	342	328	345	351	359	369	—	336	5
6	340	—	350	332	320	330	357	349	343	329	342	353	360	367	—	337	6
7	352	—	352	340	318	332	360	360	345	326	346	352	359	365	—	341	7
8	358	—	357	338	329	337	363	362	347	330	352	353	351	364	—	345	8
9	367	—	356	330	338	339	365	361	342	332	350	358	352	365	—	344	9
10	356	—	359	339	334	342	373	359	341	340	353	367	353	372	—	343	10
11	353	330	352	340	330	348	377	362	351	354	361	372	360	360	—	344	11
Noon	357	347	350	342	329	351	372	369	340	370	359	371	369	365	—	344	Noon
13	347	330	354	345	330	350	378	360	337	372	355	373	370	355	—	342	13h
14	345	312	340	339	325	349	373	363	336	362	340	363	364	345	—	337	14
15	337	314	310	310	326	340	350	360	335	360	337	352	362	343	—	332	15
16	330	320	300	297	323	330	304	352	332	350	338	340	367	340	—	322	16
17	326	312	310	305	312	322	302	340	325	341	337	336	368	341	—	318	17
18	322	318	320	290	310	323	313	334	310	343	336	345	367	342	—	319	18
19	315	320	322	284	311	321	319	336	305	341	335	347	362	338	—	317	19
20	308	322	327	301	310	317	310	302	332	336	334	349	360	335	—	316	20
21	290	325	329	310	314	330	290	310	310	337	331	350	359	337	—	316	21
22	292	322	328	302	316	337	305	309	307	331	339	350	358	348	—	316	22
23	300	327	326	300	324	335	312	313	323	335	340	351	359	350	—	320	23

Table V.—Magnetic Vertical Force at every Hour of the Day as deduced from the Photographic Records

(The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber)

SEPTEMBER 1950

+ ·30000 (C.G.S. UNIT)

Hour \ Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Hour \ Day
Midnight	428	435	433	—	—	—	—	432	434	431	—	432	432	437	429	426	Midnight
1h	427	435	433	—	—	—	—	432	433	426	—	431	431	436	428	425	1h
2	426	434	433	—	—	—	—	431	435	428	—	439	429	434	427	425	2
3	424	433	432	—	—	—	—	432	432	428	—	429	429	431	426	424	3
4	423	432	432	—	—	—	—	432	430	428	—	439	428	429	425	422	4
5	423	422	430	—	—	—	—	433	434	427	—	438	428	429	424	421	5
6	423	431	430	—	—	—	—	432	433	428	—	429	428	430	426	421	6
7	422	429	429	—	—	—	—	430	432	428	—	429	426	439	423	418	7
8	427	422	433	—	—	—	—	433	434	433	—	432	432	423	429	422	8
9	431	439	435	—	—	—	—	—	436	—	—	433	435	436	434	432	9
10	434	440	438	—	—	—	—	—	435	—	—	434	438	439	432	—	10
11	438	439	441	—	434	—	—	—	430	—	—	435	432	435	439	—	11
Noon	442	438	434	—	430	—	433	—	426	—	—	436	417	427	434	—	Noon
13h	428	433	434	433	428	430	428	430	416	—	420	408	400	405	422	—	13h
14	410	412	436	427	422	422	420	421	404	—	418	399	391	392	408	—	14
15	398	410	430	422	411	420	419	418	400	—	415	392	393	390	402	—	15
16	400	412	431	424	412	430	422	423	406	—	414	395	394	397	396		16
17	412	421	437	429	424	431	430	432	412	—	418	409	402	407	395	—	17
18	424	428	442	431	433	433	432	434	421	—	427	422	412	418	403	—	18
19	430	420	440	—	—	—	—	—	426	—	430	429	419	423	416	—	19
20	432	422	—	—	—	—	—	—	427	—	432	431	424	425	430	—	20
21	433	432	—	—	—	—	433	433	429	—	—	432	427	428	423	—	21
22	434	433	—	—	—	—	433	434	431	—	—	433	432	439	426	—	22
23	434	433	—	—	—	—	432	433	430	—	—	433	434	429	427	—	23

SEPTEMBER 1950—*continued*

+ ·30000 (C.G.S. UNIT)

Hour \ Day	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.	Hour \ Day
Midnight	—	429	432	431	—	428	427	429	430	—	—	433	430	428	—	431	Midnight
1h	—	428	432	430	—	429	427	428	429	—	—	432	430	428	—	431	1h
2	—	426	431	432	—	429	428	427	424	—	427	431	428	428	—	431	2
3	—	427	430	431	—	429	428	427	426	—	430	432	429	427	—	429	3
4	—	426	432	433	—	429	428	429	427	433	429	431	430	426	—	430	4
5	—	428	428	428	—	430	428	430	429	431	430	431	430	426	—	429	5
6	—	—	428	430		429	427	427	431	432	432	430	431	425	—	428	6
7	—	—	426	431	—	429	428	428	432	—	433	432	433	424	—	429	7
8	—	—	430	433	—	433	432	423	433	—	—	433	—	431	—	429	8
9	—	—	433	—	—	434	428	434	—	—	—	432	—	—	—	434	9
10	—	—	434	—	—	436	422	433	—	—	—	434	—	—	—	434	10
11	429	—	435	—	—	433	417	434	—	—	—	427	—	—	—	433	11
Noon	424	432	426	431	427	430	414	425	—	—	—	413	—	432	—	427	Noon
13h	417	420	410	430	410	410	408	410	—	426	432	403	427	430	—	413	13h
14	414	414	410	414	408	402	406	403	—	417	428	397	414	408		403	14
15	415	417	417	418	409	401	410	407	426	407	422	403	405	400	—	402	15
16	417	420	426	428	413	405	420	413	414	410	420	412	402	403	—	406	16
17	416	421	431	433	421	413	430	421	416	419	422	420	404	409	—	414	17
18	418	431	432	—	423	422	433	427	420	426	421	424	412	412	—	422	18
19	423	430	430	—	429	427	434	432	427	429	422	427	417	418	—	426	19
20	426	430	430	—	429	428	432	434	432	430	425	430	421	422	—	429	20
21	430	430	430	—	429	429	431	433	—	432	429	432	424	427	—	430	21
22	432	431	431	—	428	427	430	431	—	433	430	432	426	427	—	432	22
23	433	432	431	—	427	426	429	430	—	433	433	431	428	429	—	431	23

Table VI.—Results of Meteorological Observations made at the Aerological Station, Vacoas (424.5 metres above mean sea-level) during the Month of September, 1950

Month and days 1950	Observations at 10 a.m.									Temperature of the Air							Rainfall			
	Atmospheric Pressure	Temperature of the Air	Excess of Air Temperature over Evaporation Temperature	Temperature of the Dew Point	Relative Humidity (Sat 100)	Vapour Pressure	Wind Direction	Wind Velocity	Amount of Cloud (Scale 0—8)	3 h	9 h	15 h	21 h	Daily Maximum	Daily Minimum	Daily Range	Amount recorded by the Caella Pluviograph	Duration	Duration of Bright Sunshine	Percentage of Possible Sunshine
Sept.	mbs.	°C	°C	°C	%	mbs.	°	mps.		°C	°C	°C	°C	°C	°C	°C	mms.	mins.	hrs.	%
1	972·4	19·4	4·9	10·4	56	12·6	130	4·9	5	15·4	16·9	18·2	15·3	19·1	13·8	5·3	0·1	5	8·3	71
2	975·4	19·2	4·7	10·5	58	12·7	90	6·3	6	14·3	17·0	18.3	15·4	19·7	13·0	6·7	1·5	60	9·0	77
3	976·1	17·9	2·9	12·8	72	14·8	90	7·2	7	14·9	16·4	17·9	15·5	19·0	11·9	7·1	0·4	20	2·3	20
4	975·5	19.0	3·5	12·8	68	14·8	90	7·2	7	14·6	15·6	17·1	14·5	19·6	13·2	6·4	6·0	150	7·0	60
5	974·3	19·0	5·1	9·4	54	11·8	80	6·7	1	14·1	16·6	18·0	15·3	20·0	13·2	6·8	7·3	160	7·1	61
6	974·5	17·9	1·4	15·5	86	17·6	90	4·5	6	15·3	17·0	19·5	17·0	20·9	15·0	5·9	5·2	115	8·0	68
7	974·2	16·4	0·7	15·2	93	17·3	90	4·9	7	15·5	16·1	18·5	16·1	19·5	15·2	4·3	8·2	140	5·5	47
8	972·9	18·6	3·7	11·9	66	13·9	110	5·4	6	15·3	15·9	19·2	15·6	19·5	14·6	4·9	1·7	80	8·1	69
9	971·7	19·3	5.0	10·0	54	12·3	80	4·5	5	14·4	18·8	20·0	16·1	20·3	13·3	7·0	1·0	30	5·2	44
10	971·7	18·4	3·0	13·2	72	15·2	90	5·4	7	15·3	17·3	18·0	15·5	20·6	14·1	6·5	1·5	50	5·8	49
11	973·8	19·1	3·7	12·5	66	14·5	115	5·4	6	13·4	17·5	19·5	16·8	21·0	12·0	9·0	0·0	00	11·1	93
12	975·0	17·3	0·7	16·1	93	18·3	110	8·9	7	16·5	16·4	19·3	16·6	20·2	15·2	5·0	5·3	100	7·8	65
13	975·3	19·8	3·3	14·2	70	16·2	90	8·9	7	16·5	18·5	18·5	16·0	20·3	15·0	5·3	5·5	125	5·3	45
14	973·6	17·7	0·8	16·4	92	18·7	90	3·1	6	15·8	16·5	18·0	16·0	20·7	14·7	6·0	4·1	125	3·8	32
15	970·3	20·6	3·7	14·3	68	16·3	115	4·0	1	15·9	19·0	21·0	15·8	21·6	14·6	7·0	0·0	00	6·7	56
16	970·1	20·2	5·0	11·2	56	13·3	150	1·8	1	13·4	18·6	21·6	16·1	22·3	11·2	11·1	0·0	00	11·5	97
17	973·4	18·4	1·7	15·5	84	17·6	135	4·5	7	16·2	17·9	19·0	16·8	19·7	15·3	4·4	2·1	65	6·9	57
18	974·0	18·0	2·1	14·5	79	16·5	90	5.4	7	16·0	18·0	18·7	16·9	20·7	14·7	6·0	2·6	80	6·2	52
19	973·8	20·4	2·9	15·6	74	17.7	100	7·2	2	15·5	18·4	20·4	18·0	22·0	14·9	7·1	5·0	90	10·1	84
20	973·7	21·2	3·7	15·0	68	17·1	90	5·8	4	17·4	19·8	20·3	17·6	21·7	16·0	5·7	0·0	00	10·0	83
21	973·6	20·4	3·0	15·4	73	17·5	90	5·4	5	17·0	19·3	20·2	16·4	22·0	15·3	6·7	11·5	270	7·3	61
22	973·4	21·2	3·1	16.1	72	18·3	90	3·6	4	16·0	20·2	20·9	17·8	22·1	15·4	6·7	2·6	45	7·9	65
23	974·0	18·5	1·9	15·2	82	17·3	115	4·5	7	16·7	19·2	20·3	17·2	21·3	16·3	5·0	3·5	100	8·9	73
24	973·6	19·5	2·5	15·3	77	17·4	100	5·4	7	16·2	19·0	20·0	16·2	21·8	15·0	6·8	5·2	160	7·3	60
25	973·2	20·7	4·9	12·0	58	14·0	90	6·7	6	15·2	18·2	20·0	16·4	21·5	14·7	6·8	1·5	50	9·5	79
26	973·5	21·5	3·5	15·7	69	17·8	90	8·1	4	16·1	19·1	19·4	17·2	21·8	15·8	6·0	0·5	30	4·7	39
27	973·9	20·2	2·9	15·3	74	17·4	80	5·4	8	17·4	20·2	21·2	17·6	22·1	16·8	5·3	0·0	00	5·9	48
28	972·4	22·0	4.5	14·4	62	16·4	90	4·9	6	16·3	20·5	21·5	17·2	22·2	15·7	6·5	0·0	00	8·7	71
29	971·5	21·0	5·0	12·2	57	14·2	80	5·4	6	16·2	20·2	21·2	17·2	22·2	14·8	7·4	0·0	00	9·4	77
30	973·3	19·1	4·0	11·7	63	13·7	80	7.2	7	17·1	18·8	20·9	17·2	21·1	15·9	5·2	0·0	00	10·2	84
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mean ...	973·5	19·4	3·3	13·7	70.5	15·8	—	5·6	5·5	15·7	18·1	19·6	16·4	20·9	14·6	6·3	82.3	2050	7·52	62·9
Average	972·0	19·8	2·5	15·6	76·8	17·7	—	5·0	6·6	—	—	—	—	21·9	15·3	6·6	95·0	1963	—	—
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		

Excess of Certain Elements at Pamplemousses over the Corresponding Elements at Vacoas

Atmospheric Pressure	+	42·4 mbs.	Amount of Rain	—	47·9 mms.
Temperature of the Air		—°C	Duration of Bright Sunshine	+	14·4 hrs
Vapour Pressure		—mbs	Mean of Maximum Temperatures	+	3·2 °C
Relative Humidity		—%	Mean of Minimum Temperatures	+	2·0 °C
Velocity of Wind	—	0·1 mps.	Absolute Maximum Temperature	+	4·2 °C
Account of Cloud			Absolute Minimum Temperature	+	0·3 °C

Table VII.—Daily Results of Meteorological Observations made during the month of September, 1950

Month and Day 1950	Atmospheric Pressure		Temperature of the Air					Excess of Air Temperature over Evaporation Temperature	Temperature of the Dew Point		Relative Humidity (Saturation=100)		Vapour Pressure	Minimum on the Grass
	Mean	Excess above Average	Daily Maximum	Daily Minimum	Daily Range	Mean	Excess above Average		Mean	Excess above Average	Mean	Excess above Average		
SEPT	mbs.	mbs.	°C	°C	°C	C	°C	°C	°C	°C	%	%	mbs.	°C
1	1015·1	+ 0.7	22·9	17·8	5·1	20·0	− 0·3	4·2	12·7	− 2·9	62	− 13	14·7	14·9
2	1017·4	+ 3·1	23·1	14·0	9·1	18·2	− 2 1	4·2	10·4	− 5·2	60	− 15	12·6	14·0
3	1017·9	+ 3·6	22.1	14·6	7·5	18 0	− 2·3	2·8	13·1	− 2·5	73	− 2	15·1	11·2
4	1017·4	+ 3·2	22·6	15·0	7·6	18 5	− 1·9	3·0	13·3	− 2·4	71	− 4	15·3	11·4
5	1016·1	+ 1·9	22·9	15 5	7·4	18·9	− 1·5	2·9	13·9	− 1·8	73	− 1	15·9	12·0
6	1015·5	+ 1·4	23·8	17 0	6 8	20·1	− 0·3	2·5	16·0	+ 0·3	77	+ 3	18·2	15·0
7	1015·4	+ 1·3	23·2	17.1	6·1	19·8	− 0·7	3·6	13·6	− 2·1	68	− 6	15·6	12·5
8	1013·8	− 0·2	22·3	17·0	5·3	19·3	− 1·2	3·8	12·5	− 3·2	65	− 9	14·5	13·6
9	1012·4	− 1 6	23·3	17·0	6·3	19 8	− 0·7	4·1	12·6	− 3·1	63	− 11	14·6	12·3
10	1012·8	− 1·1	22·5	16·3	6·2	19·1	− 1·4	2·9	14·1	− 1·6	73	− 1	16·1	11·6
11	1015·1	+ 1·3	23·8	11 6	12·2	17·4	− 3·2	2·5	13·0	− 2·8	75	+ 1	15·0	8·4
12	1017·0	+ 3·3	24·0	18·6	5·4	21·0	+ 0·4	4·2	13·9	− 1·9	64	− 10	15·9	15·5
13	1016·5	+ 2·8	23·7	17·0	6·7	20·0	− 0·6	3·6	13·7	− 2·1	68	- 6	15·7	11·9
14	1014·2	+ 0·5	23·8	17·0	6·8	20·1	− 0·6	2·0	16·8	+ 0·9	81	+ 7	19·1	12·1
15	1010·9	− 2·7	24·8	16·5	8·3	20·3	− 0·4	2·8	15·6	− 0 3	74	+ 1	17·7	11·4
16	1011·3	− 2.3	26·5	11·5	15·0	18·7	− 2·1	4·6	10·1	− 5·9	58	− 15	12·4	8·2
17	1014·5	+ 1·0	23·2	13·0	10·2	17·8	− 3·0	0·9	16·3	+ 0·3	91	+ 18	18·5	10·5
18	1015·7	+ 2 2	23·4	16·5	6.9	19·6	− 1·2	3·2	14·0	− 1·8	71	− 2	16·0	12·6
19	1015·7	+ 2·2	24·8	17·0	7·8	20 6	− 0·3	2·3	16·9	+ 1·0	79	+ 6	19·2	12·9
20	1015·7	+ 2·3	24·4	18 4	6·0	21·1	+ 0·2	2·9	16·3	+ 0·4	74	+ 1	18·5	13·6
21	1015·1	+ 1·7	24·8	18·6	6·2	21·4	+ 0·4	2·3	17·7	+ 1 7	79	+ 6	20.3	13·8
22	1015·0	+ 1·6	25·8	17·0	8·8	21·1	+ 0·1	3·6	15·0	− 1 0	68	− 5	17·1	11·8
23	1015·4	+ 2 0	25·7	18·6	7·1	21·8	+ 0·8	3·6	15 8	− 0·2	69	− 4	17·9	15·6
24	1014·7	+ 1·4	24·6	17·0	7·3	20·3	− 0·8	2·6	16·0	0 0	76	+ 3	18·2	14·0
25	1015·1	+ 1·9	24·7	17·0	7·7	20 5	− 0·6	4·9	11·7	− 4·3	56	− 17	13·7	11·5
26	1015·3	+ 2·1	24·4	18·4	6 0	21·1	− 0·1	3·6	15 1	− 1·0	68	− 5	17·2	15·8
27	1015·3	+ 2·2	25·2	19·4	5·8	22·0	+ 0·8	3.7	15·9	− 0·2	68	− 5	18·1	15·9
28	1014·7	+ 1·7	25·3	17·2	8·1	20·9	− 0·4	2·6	16·5	+ 0·3	76	+ 3	18·8	11·8
29	1013·0	+ 0·1	25·3	17·0	8·3	20·8	− 0·5	4·5	12·9	− 3·3	61	− 12	14·9	11·9
30	1015·0	+ 2·1	24·7	18·4	6·3	21·2	− 0·2	4·5	13.4	− 2·9	61	− 12	15 4	15·1
—	--	—	—	—	—	—	—	—	—	—	—	—	—	—
Mean	1015·0	+ 1·3	24·1	16·6	7·5	20·0	−0·8	3·3	14·3	−1·5	70·1	−3·4	16·4	12·8
Average	1013·7	—	25·1	17·0	8·1	20·8	—	3·0	15·8	—	73·5	—	18·1	13·7
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14

General Weather Conditions during the Month of September, 1950

Pressure continued high to the south of Mauritius with trade winds prevailing except on the 15th and 16th. The weather was abnormally cool and windy for September.

Rainfall was half the normal in the sheltered Western and Northern districts and very near normal over the remainder of Mauritius.

Table VII *contd.*—Daily Results of Meteorological Observations made during the month of September, 1950

Month and Day 1950	Rainfall: Amount recorded by the Dines Pluviograph	Rainfall: Duration	Amount of Evaporation	Duration of Bright Sunshine	Percentage of Possible Sunshine	Observed Wind Velocity: Mean	Observed Wind Velocity: Excess above Average	Temperature of the Soil: 10 Feet	Temperature of the Soil: 5 Feet	Temperature of the Soil: 2 Feet	Temperature of the Soil: 12 Inches
SEPT.	mms.	mins.	mms.	hrs.	%	m.p.s.	m.p.s.	°C	°C	°C	°C
1	0·0	—	6·5	8·0	68	4·2	+ 0·2	24·1	23.2	21·9	22·9
2	0·1	10	4·5	10.2	87	4·2	+ 0·2	24·0	23·3	21.9	22·7
3	1·0	15	5·2	4·6	39	4·7	+ 0·7	24·0	23·1	21·9	22.5
4	6·5	245	5·5	8·4	72	4·3	+ 0·3	24·1	23·2	21·8	22·2
5	0·9	90	4·4	8·5	73	4·3	+ 0·3	24·1	23·3	21·7	22·1
6	2·7	70	4·5	10·5	90	4·6	+ 0·6	23·9	23·1	21·7	22·1
7	1·7	110	5·6	7·9	67	3·7	− 0·2	23·9	23·2	21·7	22·4
8	1·8	80	3·5	7·1	60	3 8	− 0·1	23·9	23·3	21·7	22·7
9	4·3	110	5·1	3·2	27	3·1	− 0·8	23·8	23·1	21·7	22·4
10	0·6	65	2·6	4·9	41	3.4	− 0·4	23·8	23·1	21·7	22.2
11	0·0	—	5·0	11·2	95	4·1	+ 0·3	23·8	23·2	21·7	22·4
12	0·0	—	7·0	10·6	89	6·0	+ 2·2	23·9	23·4	21·7	22·6
13	0·0	—	5·6	6·6	55	4·8	+ 1.0	23·8	23·1	21·7	22·3
14	2·1	40	4·9	4·2	35	3·9	+ 0·2	23·8	23·1	21·7	22·4
15	0·0	—	3·8	6·6	55	2·9	− 0·8	23·8	23·1	21·8	22·7
16	0·0	—	4·4	11·4	96	2·3	− 1·4	23·9	23·2	21·8	22·6
17	0·7	45	4·3	6 4	53	2·9	− 0 8	23·7	23·1	21·8	22·5
18	0·2	20	3·7	5·3	44	4·1	+ 0·4	23·8	23·2	21·8	22·3
19	0·2	10	5·5	10·8	90	4·9	+ 1·2	23·9	23·3	21·8	22·6
20	0·1	5	6·8	10·5	88	4·4	+ 0·7	23·7	23·1	21·8	22·9
21	0·0	—	5·0	8·1	68	4·2	+ 0·5	23·9	23·1	21·9	23·3
22	0·3	35	6·8	9·5	79	3·3	− 0·4	23·9	23·2	21·9	23·1
23	8·6	130	2·6	7·4	61	3·5	− 0·2	23·9	23·2	22·0	23·5
24	1·2	60	3·9	7·5	62	4·1	+ 0 5	23·9	22·2	22·2	23·5
25	1·3	80	5·8	9·5	79	4·7	+ 1·1	23·9	23·3	21·7	23·5
26	0·1	5	7·2	3·5	29	5·3	+ 1·7	23·9	23·1	22·2	23·4
27	0·0	—	4·6	9.5	78	4·0	+ 0.4	23·9	23·2	22·2	23·3
28	0·0	—	4·8	8·9	73	3 1	− 0·5	23·7	23·1	22·2	23·5
29	0·0	—	5.4	9·7	80	3·1	− 0·5	23·7	23·1	22.3	23·5
30	0·0	—	5.8	9·4	77	4·6	+ 1·0	23·7	23·1	22.4	23·6
—	—	—	—	—	—	—	—	—	—	—	—
Mean	34·4 Sum	1225 Sum	5·0	8·00	67·0	4·02	+ 0·25	23·87	23·18	21·87	22·79
Average	35·3	808	4·9	7·98	66·9	3·77	—	—	—	—	—
Column	15	16	17	18	19	20	21	22	23	24	25

Means and Extremes of certain Meteorological Elements during the Month of September, 1950

Element	*Highest*			*Date*	*Lowest*			*Date*
Atmospheric Pressure	1019·5 mbs	at	10.00 hrs.	on 3rd	1008·9 mbs	at	15.00 & 16.00 hrs.	on 15th
Temperature of the Air	26·5 °C	,,	—	,, 16th	11·5 °C	,,	—	,, 16th
Daily range of temperature of the Air ...	15·0 °C	,,	—	,, 16th	5·1 °C	,,	—	,, 1st
Temperature of the Dew Point	17·7 °C	,,	—	,, 21st	10·1 °C	,,	—	,, 16th
Minimum on Grass	—	,,	—	,, —	8·2 °C	,,	—	,, 16th
Relative Humidity	91%	,,	—	,, 17th	56%	,,	—	,, 25th
Vapour Pressure	20 3 mbs.	,,	—	,, 21st	12.4 mbs.	,,	—	,, 16th
Evaporation in 24 hours	7·2 mms	,,	—	,, 20th	2·6 mms.	,,	—	,, 10th and 23rd
Wind Velocity	8.8 m.p.s.	,,	15.00 hrs.	,, 12th	—	,,	—	,, —
Rainfall in 24 hours	8·9 mms ending		05.00 hrs.	,, 23rd	—	,,	—	,, —
Duration of sunshine	11·4 hrs.		—	,, 16th	3·2 hr.	,,	—	,, 9th

NUMBER OF DAYS OF

Rainfall: mms. 0·1—0·9	mms. 1·0—4·9	mms. 5·0—9·9	mms. 10·0—24·9	mms. 25·0—39·9	mms. 40·0—54·9	mms. 55·0 and over	Lightning	Thunderstorm
9	8	2	—	—	—	—	—	—

Table VIII.—Barogram

SEPTEMBER 1950

The initial 10 or 9 is omitted. The unit in the table is 0·1 millibar

Day / Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Day / Hour
Midnight	154	174	178	187	177	160	161	157	133	132	148	171	180	169	132	109	Midnight
1h	148	170	178	183	168	157	157	156	130	123	144	167	177	162	126	107	1h
2	142	167	175	181	160	156	156	150	127	119	143	163	171	153	122	105	2
3	139	164	173	178	157	152	152	141	124	117	141	162	169	150	117	104	3
4	137	163	172	177	155	154	150	137	121	116	139	162	165	146	115	103	4
5	137	162	174	180	157	153	151	138	120	118	142	163	165	147	115	104	5
6	137	172	177	180	162	155	154	141	121	122	147	172	173	149	116	110	6
7	141	177	184	183	166	158	157	145	128	126	152	177	176	153	116	116	7
8	148	184	189	185	172	162	158	150	133	132	157	178	177	156	117	117	8
9	154	186	194	186	173	167	161	152	136	136	159	180	177	161	120	119	9
10	157	190	195	182	171	169	163	152	137	137	157	182	180	153	118	118	10
11	157	187	189	178	170	162	158	144	133	134	156	180	174	147	116	117	11
Noon	151	177	179	171	160	153	155	137	122	128	147	176	166	138	108	110	Noon
13h	147	171	174	163	154	149	146	128	117	122	140	169	157	132	099	103	13h
14	140	166	165	158	149	140	140	122	113	117	137	162	152	131	094	098	14
15	141	165	162	157	147	140	137	117	107	111	136	157	147	130	089	096	15
16	142	164	166	158	145	144	141	117	105	116	137	157	145	121	089	097	16
17	149	165	170	162	148	148	143	122	109	119	140	157	147	121	092	103	17
18	154	169	174	165	153	153	146	129	114	122	149	161	151	125	096	109	18
19	157	173	177	172	157	157	152	133	117	130	157	169	156	130	098	117	19
20	166	178	183	177	165	160	157	137	125	136	168	173	159	136	104	123	20
21	171	181	190	177	167	161	165	141	132	144	173	177	163	137	109	131	21
22	175	180	191	178	170	161	164	140	132	147	174	177	167	137	110	136	22
23	176	180	189	177	167	157	164	137	132	152	173	180	197	136	110	137	23

SEPTEMBER 1950—*continued*

The initial 10 or 9 is omitted. The unit in the table is 0·1 milibar

Day / Hour	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean	Day / Hour
Midnight	137	159	166	169	162	157	157	162	157	159	170	162	159	143	—	1015·8	Midnight
1h	137	155	162	166	157	153	155	156	154	155	167	157	157	144	—	1015·4	1h
2	137	150	157	161	149	144	153	152	149	150	161	150	130	141	—	1014·9	2
3	135	147	155	158	147	140	150	145	144	144	157	145	124	137	—	1014·6	3
4	132	145	152	157	143	140	146	145	145	143	153	140	122	137		1014·4	4
5	133	147	152	157	143	144	151	151	150	145	153	140	121	137	—	1014·5	5
6	137	155	154	160	150	149	154	154	153	152	153	142	128	146		1014·9	6
7	142	162	158	161	155	153	157	157	157	157	155	149	132	151	—	1015·3	7
8	145	165	163	168	157	157	161	160	162	159	157	151	135	155	—	1015·7	8
9	154	171	160	168	160	157	163	158	162	161	160	147	134	156	—	1015·9	9
10	152	170	161	165	158	157	164	155	159	161	158	144	137	155	—	1015·9	10
11	152	163	160	161	155	150	158	149	157	157	156	138	134	152		1015·5	11
Noon	145	159	155	151	145	142	154	143	149	153	148	133	125	144	—	1014·7	Noon
13h	137	152	147	145	140	137	146	137	142	147	144	134	119	139	—	1014·1	13h
14	133	148	142	140	137	131	140	132	137	139	138	138	117	137	—	1013·6	14
15	132	144	139	137	135	149	137	127	136	139	136	137	113	137	—	1013·5	15
16	137	140	140	137	137	152	137	124	137	137	134	137	113	137	—	1013·8	16
17	139	145	147	143	141	156	140	131	138	140	138	139	117	145	—	1014·4	17
18	147	152	152	151	147	141	151	137	145	147	143	147	123	152	—	1014·4	18
19	152	159	160	156	157	147	157	145	152	154	149	152	129	160	—	1014·9	19
20	159	165	172	161	164	156	164	150	157	165	147	157	137	166	—	1015·6	20
21	164	171	174	165	167	158	169	157	162	170	164	161	142	171	—	1016·0	21
22	164	172	174	166	165	164	169	157	164	173	157	161	145	171	—	1016·2	22
23	163	169	171	164	162	161	165	158	163	170	165	161	145	170	—	1016·1	23

Table IX.—Duration of Bright Sunshine at the Aerological Station, Vacoas, by the Campbell Stokes Sunshine Recorder

SEPTEMBER 1950

Day / Hour Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total Hours
	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	
6h	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—	0·0
7	25	21	0	2	0	0	0	0	0	6	33	0	0	0	35	46	1	0	22	4	10	3	17	6	8	0	0	22	31	28	—	5·3
8	60	60	18	16	30	14	7	0	20	31	53	8	33	3	48	60	11	37	60	36	60	46	31	32	58	48	3	49	54	23	—	16·8
9	60	60	25	60	56	28	14	22	60	40	60	18	60	2	60	60	43	25	60	57	60	60	60	42	49	60	26	60	60	30	—	23·0
10	41	60	14	60	60	48	23	60	60	7	60	13	37	6	60	60	41	39	60	60	56	60	21	57	52	19	41	60	60	60	—	22·6
11	36	60	10	50	55	58	22	45	39	51	55	57	15	60	60	60	42	60	60	60	60	60	31	60	30	60	42	60	60	60	—	24.6
Noon	49	60	8	46	40	33	22	40	21	58	60	60	4	39	53	60	36	57	60	60	60	60	50	60	60	32	58	60	60	60	—	23·8
13h	57	60	0	43	10	60	17	50	25	43	60	60	54	43	1	60	40	41	31	60	60	59	48	21	60	48	50	60	60	60	—	22·4
14	60	55	16	49	50	60	52	60	21	46	60	40	25	47	26	60	26	36	40	60	5	0	56	52	60	0	8	60	50	60	—	20·7
15	48	50	41	20	24	36	60	60	27	5	60	60	16	18	20	60	34	13	60	60	17	12	60	54	60	1	35	60	60	60	—	19·9
16	31	31	2	34	15	60	46	60	26	14	60	60	39	10	4	60	47	15	60	60	14	36	60	37	44	0	51	27	25	60	—	18·1
17	24	24	2	28	60	53	44	55	16	12	60	60	29	1	0	60	60	41	60	60	26	60	60	17	60	11	38	1	30	60	—	18·5
18	6	0	0	10	24	30	23	32	0	37	43	33	6	0	34	42	35	10	35	26	7	21	40	0	26	0	2	5	14	49	—	9·8
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—	0·0

The Total Amount of Registered Sunshine was 225·3 hrs. and the Total Possible Sunshine was 358·0 hrs.

Table X.—Duration of Bright Sunshine at the Royal Alfred Observatory by the Campbell Stokes Sunshine Recorder

SEPTEMBER 1950

Day / Hour Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total Hours
	m.	m.	m.	m.	m.	m	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	
6h	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—	0·0
7	1	28	8	0	0	15	0	1	0	0	40	0	0	0	38	44	35	0	32	25	30	23	25	0	1	40	1	29	27	2	—	7·4
8	55	60	5	2	50	55	48	26	0	35	60	58	14	20	60	60	60	35	60	35	55	60	60	50	55	54	50	60	60	28	—	22·2
9	60	60	22	32	45	60	20	12	25	13	60	60	55	1	60	60	25	20	60	53	60	60	55	60	58	0	55	55	60	45	—	21·8
10	60	60	22	60	60	60	48	55	40	41	60	60	25	60	60	60	30	27	60	60	60	60	35	60	58	20	58	60	60	55	—	25·6
11	60	60	3	60	60	60	60	48	58	55	60	60	28	60	60	60	1	36	60	60	60	60	31	60	14	45	60	60	60	55	—	25·2
Noon	30	60	40	55	55	60	30	34	48	38	55	60	15	60	41	60	1	38	50	60	60	55	15	36	60	26	60	46	60	60	—	22·8
13h	60	60	35	36	36	60	35	36	4	4	60	60	60	0	10	58	2	8	60	60	60	59	4	20	52	22	40	60	60	55	—	19·6
14	60	60	35	60	60	60	35	20	0	10	60	60	60	17	0	60	54	41	60	60	60	60	13	18	54	0	60	60	55	60	—	21·9
15	28	60	60	44	40	60	60	40	2	60	60	60	50	30	8	60	60	32	55	60	37	60	37	55	60	0	60	50	55	60	—	23·4
16	26	55	10	58	25	55	58	60	2	25	60	60	55	3	35	60	54	25	60	60	1	10	60	55	60	4	60	55	60	60	—	21·2
17	14	40	7	60	45	60	55	60	15	10	60	60	33	0	7	60	35	55	60	60	1	35	60	35	60	0	58	0	15	60	—	18·7
18	24	10	28	35	35	26	24	37	0	1	40	35	1	0	15	45	30	0	32	34	0	30	50	0	40	0	4	0	10	24	—	10·1
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—	0.0

The Total Amount of Registered Sunshine was 239·9 hrs., and the Total Possible Sunshine was 358·0 hrs.

Table XI.—Direction and Velocity of the Wind at every Hour of the Day as recorded by the Robinson Cup Anemometer during September, 1950

The directions are given in points and the values indicate the direction from which the wind blows counting from North 32, East 8, South 16 and West 24

The Velocities are given in Metres per second, using the factor 2·2

(The days on which the Normal Trade-Winds are interrupted are indicated by an asterisk).*

SEPTEMBER 1950

Day	1		2		3		4		5		6		7		8		9		10 *		11 *		12		13		14		15 *		16 *	
Hour	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir	Vel.
Midnight	12	4·2	15	1·8	10	3·8	10	2·8	09	3·3	11	3·4	10	3·0	10	2·4	12	3·0	08	1·3	r12	1·2	11	4·2	11	3·6	08	3·6	08	5·8	11	3·8
1h	12	4·6	15	1·5	08	2·8	10	2·1	10	3·5	06	4·4	10	3·2	11	2·8	12	3·1	08	1·6	18	1·3	11	5·6	10	4·7	10	2·3	10	5·0	11	2·2
2	12	4·9	15	2·3	11	3·9	10	2·4	10	3·3	10	4·2	10	2·5	12	3·4	12	2·7	10	1·4	18	1·1	11	5·5	10	4·5	10	2·5	08	4·3	11	3·0
3	12	3·9	12	2·5	10	4·0	08	3·3	10	3·2	10	3·9	10	2·1	11	3·0	12	1·6	10	2·4	16	1·5	11	5·0	09	3·9	10	2·6	08	3·9	11	2·5
4	12	3·3	12	3·6	12	3·3	08	2·2	10	2·6	08	4·3	10	3·4	12	3·2	12	3·6	08	2·5	15	2·4	11	4·3	10	3·1	10	2·9	08	3·8	11	1·9
5	10	3·6	12	2·2	12	2·8	12	3·7	09	3·1	11	4·4	10	3·0	10	2·2	13	2·8	09	3·1	12	1·9	10	4·1	10	3·1	11	2·1	10	1·8	11	1·3
6	11	4·5	11	2·5	12	2·4	08	1·9	07	3·6	11	3·3	11	2·2	11	2·4	13	4·1	12	2·9	12	1·9	10	4·3	09	4·4	11	2·1	11	1·7	11	1·9
7	12	4·2	12	2·3	12	2·6	08	2·7	10	2·4	11	3·7	12	2·6	12	3·0	13	3·4	12	2·7	11	2·3	11	4·6	10	3.3	10	2·2	10	2·6	11	1·2
8	13	5·1	12	3·9	10	4·3	10	3·3	08	4·8	10	5·5	10	4·0	11	4·0	13	2·9	09	3·6	11	3·1	10	6·1	09	4·8	10	3·4	10	3·4	11	1·9
9	12	5·9	11	5·7	10	5·3	09	4·0	10	5·8	11	4·4	11	5·2	11	4·4	11	4·3	08	3·2	10	3·3	10	6·7	08	7·1	12	3·0	09	5·0	15	2·5
10	12	7·0	10	6·9	10	6·7	09	6·8	08	5·6	09	5.4	11	5·6	09	5·3	08	4·4	08	5·1	11	5·1	10	7·5	08	5·4	12	4·4	09	4·2	18	2·8
11	13	6·9	10	7·0	11	7·5	08	6·2	08	6·8	10	6·1	10	6·4	12	5·9	11	4·8	10	5·1	12	5·5	10	7·5	10	6·5	11	5·0	10	4·6	23	2·5
Noon	11	5·9	12	7·4	10	8·7	12	6·7	09	5·7	07	6·4	11	6·0	12	5·9	08	4·4	10	4·6	10	5·6	11	8·3	09	5.9	10	5·0	d21	2·7	23	3·5
13h	12	5·9	11	7·1	10	7·4	11	6·8	10	6·0	09	5·9	11	5·2	12	6·3	10	4·5	10	5·7	09	6·5	12	8·5	09	7·0	10	5·6	22	2·2	28	3·7
14	14	5·6	10	6·9	10	7·4	10	6·6	09	5·5	09	6·4	11	5·9	10	5·6	11	3·6	10	4·3	10	6·9	12	8·6	10	6·2	08	5·4	24	1·8	r14	3·6
15	10	5·1	08	6·6	10	6·7	10	6·1	08	5·1	10	6·0	12	5·2	12	5·5	07	3·9	10	6·3	10	7·0	11	8·8	10	6·4	08	5·5	26	1·9	12	2·5
16	12	5·0	10	6·0	10	6·8	11	6·4	09	4·1	09	5.3	11	5.0	10	5·5	08	3·4	11	4·9	11	7·3	09	7·3	11	5·8	08	6·3	25	1·8	12	3·9
17	13	4·4	12	5·5	10	6·7	10	5·9	10	4·5	09	5·1	12	4·4	11	5·5	08	3·5	10	4·2	09	6·2	09	7·1	08	5·5	08	5·0	r10	1·7	14	4·1
18	11	2·1	12	4·0	11	4·5	11	4·8	11	3·3	11	4·3	12	3·2	12	3·5	11	1·7	10	3·2	10	4·9	10	6·2	12	5·1	08	4·7	09	2·6	14	2·9
19	13	3·1	11	2·8	11	3·8	11	3·3	10	4·0	10	3·6	12	2·8	12	1·8	11	1·5	11	3·3	10	4·2	10	5·2	10	3·4	11	4·0	09	1·5	14	1·3
20	12	2·5	12	3·3	10	3·8	12	3·3	11	3·6	11	3·4	12	2·5	12	1·9	11	1·6	12	4·5	10	3·9	10	5·1	12	4·5	11	4·6	09	2.3	14	1·4
21	12	1·7	08	2·7	10	3·8	12	3·4	10	3·8	10	4·1	12	1·9	12	2·2	09	2·2	12	3·7	11	3·8	10	4·7	10	4·2	11	2·4	09	1·7	14	1·1
22	15	1·3	11	2·7	11	3·6	11	3·5	09	4·4	12	2·8	12	2·0	12	2·1	08	1·8	12	1·8	11	4·5	09	5·2	11	3·2	11	4·1	09	1·5	14	0·8
23	15	1·5	11	2·5	11	2·0	10	4·4	10	3·9	11	3·8	08	2·4	12	2·4	08	2·3	d20	1·5	10	4·9	10	4·4	10	4·4	08	4·4	09	2·0	14	1.1

SEPTEMBER 1950—*continued*

Day	17		18		19		20		21		22		23 *		24		25		26		27		28		29		30		31		Mean
Hour	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Velocity
Midnight	14	1·1	13	3·9	12	2·1	08	4·5	08	4·2	11	1·9	10	2·0	11	2·1	12	3·1	09	4·9	09	2·6	11	2·3	11	1·2	10	2·8	—	—	3·0
1h	14	1·0	12	2·0	12	3·4	08	3·8	08	4·2	11	1·2	10	2·2	12	1·2	12	2·7	09	4·5	08	3·7	11	1·5	10	1·1	11	3·4	—	—	2·9
2	14	1·7	12	2·0	12	2·6	10	2·6	09	4·4	11	1·8	13	2·3	12	2·2	11	2·3	10	3·6	08	2·9	11	1·6	11	1·2	10	3·9	—	—	2·9
3	14	1·8	12	2·3	12	2·9	11	2·5	08	3·7	11	1·5	13	1·6	12	2·9	10	2·7	08	4·3	08	3·0	11	1·8	11	1·7	10	4·0	—	—	2·9
4	14	1·4	12	2·7	12	2·6	11	2·6	08	4·3	11	2·4	17	1·5	12	2·3	09	3·9	08	4·6	09	2·4	11	2·1	12	2·4	10	3·1	—	—	3·0
5	14	1·2	12	3·4	12	2·7	11	2·8	09	3·4	11	2·1	r07	1·3	12	4·3	11	2·5	08	5·7	09	2·8	11	1·8	12	1·2	10	4·2	—	—	2·8
6	14	1·2	12	3·5	12	3·4	10	3·0	09	3·7	09	2·1	10	2·2	12	2·6	11	2·2	08	4·0	10	3·0	11	2·2	12	1.4	10	3·9	—	—	2·8
7	11	1·9	11	3·7	11	3·5	10	3·1	10	2·9	10	2·3	10	2·7	12	2·7	10	3·1	10	4·8	09	4·6	11	2·7	12	1·8	09	4·6	—	—	3·0
8	11	3·9	10	3·8	10	4·8	09	4·5	09	4·7	10	3·3	10	4·0	10	4·1	09	4·9	09	6·6	08	5·0	10	4·0	08	3·5	10	5·9	—	—	4.2
9	11	3·0	08	6·2	09	6·6	10	5·7	09	5·4	09	4·6	11	5·0	10	4·8	09	6·1	09	7·0	08	5·2	10	4·7	08	5·2	10	5·7	—	—	5·0
10	14	3·8	08	4·3	10	6·8	09	6·2	10	5·9	08	4·4	11	5·0	10	5·3	10	6·2	08	6·7	08	4·8	10	5·3	10	5·2	09	5·4	—	—	5·5
11	12	4·0	09	6·8	10	6·7	08	6·5	10	6·1	12	5·0	11	5·1	11	6·2	10	6·0	08	6·7	07	6·3	09	5·5	12	4·8	11	6·2	—	—	5·9
Noon	12	3·7	09	7·2	09	6·4	08	7·0	11	5·9	10	4·5	10	4·6	10	6·5	08	7·1	09	6·6	09	5·8	10	5·0	10	4·8	09	6·7	—	—	5·8
13h	12	5·9	11	5·6	09	5·3	10	6·7	09	5·5	07	4·9	11	4·6	10	3·9	11	6·5	08	7·0	09	5·7	10	5·4	10	4·6	10	6·5	—	—	5·8
14	12	6·1	12	6·3	10	6·9	09	6·5	09	6·1	11	4.5	12	5·3	10	5·7	09	6·7	09	7·2	07	5·3	10	4·3	10	4·4	11	6·3	—	—	5.7
15	12	5·2	10	5·6	10	7·0	12	6·4	09	5·8	10	4·5	11	6·2	10	6·1	09	6·7	08	6·3	08	5·8	08	5·0	11	4·9	09	6·4	—	—	5·7
16	12	5·4	10	6·0	09	7·3	09	6·3	12	4·4	08	4·3	12	6·8	10	6·8	09	6·9	09	5·9	09	5·7	09	4·7	11	5·2	11	6·1	—	—	5·6
17	11	4·9	08	5·2	09	6·6	11	5·4	10	4·4	10	5·2	11	6·7	10	6·1	10	6·2	11	6·4	08	5·4	12	3·7	11	4·6	12	5·5	—	—	5·2
18	12	2·7	11	4·3	09	5·8	10	4·3	10	4·0	08	4·1	12	4·7	10	3·8	10	4·6	10	5·6	09	3·9	11	3·0	10	3·5	10	5.3	—	—	4·0
19	12	1·6	11	2·8	10	4·6	10	2·8	09	3·1	10	2·3	12	2·3	10	3·7	11	4·5	09	4·4	10	2·8	11	2·3	12	1·7	11	2·1	—	—	3·0
20	12	1·9	12	3·4	10	5·0	10	2·3	08	2·6	10	3·0	12	2·0	10	3·8	10	3·7	10	4.4	10	2·6	11	1·9	12	2·4	11	3·1	—	—	3·1
21	12	1·2	12	2·8	08	4·2	10	2·7	10	2·9	10	3·3	12	2·0	10	4·4	10	4·4	10	4·0	10	2·7	11	1·6	12	2·2	11	2·6	—	—	2·9
22	13	1·6	12	2·4	08	4·4	08	3·2	11	2·1	10	3·1	12	2·5	11	3·0	08	5·3	10	3·5	10	2·1	11	1·4	12	1·9	11	3·0		—	2·8
23	12	1·6	11	3·7	08	4·4	08	4·0	11	2·4	10	2·2	11	2·2	11	2·4	10	4·7	10	3·2	10	2·6	11	1·4	12	2·6	11	2·6	—	—	2·9

Table XII.—Wind Frequency (Number of Observations), September, 1950

Hour	Force (0—12)			Directions																
	8 or above	4 to 7	0 to 3	N.	N.N.E.	N.E.	E.N.E.	E.	E.S.E.	S.E.	S.S.E.	S.	S.S.W.	S.W.	W.S.W.	W.	W.N.W.	N.W.	N.N.W.
3	...	...	30	...	...	...	...	6	8	14	1	1	..	...	...	...	...	...	...
9	...	11	19	...	...		...	12	8	9	...	1	...	...	..	...	...		...
15	...	20	10	...	..	...	...	10	11	8	...	...	...	...	...	...	1	...	...
21	...	...	30	...	...	...	...	4	12	13	1	...	...	...	...	...	...	...	...
Total ...	...	...	...	...	...	...	...	32	39	44	2	2	...	...	...	...	1	...	...

Table XIII.—Rainfall at every Hour of the Day at the Royal Alfred Observatory, September, 1950

Day / Hour ending	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1h	...	...	1·0	...	0·4	...	...	1·1	...	...	...	...	...	...	...	...	...	0·2		...	...	...	...	...	...	0·1	...	...	...	...	...
2	...	...	...	...	...	2·1	...	0·1		0·1	...	..	...	...	...	...	...	..	...	...	...	...	1·0	0·2	...	...	...	...	...	...	...
3		...	.	0·1	...	...	..	...	...	...		...	...	...	...	...	...	.	...	...	...	...	3·4	0·1	...	...	...	.	...	...	...
4		...	...	...		0·2	...	...	..	...	...	...	...	.		...	...	...	...	...	...		3·9	0·1	...	...	...	...	...	...	...
5	...		..	2·4	...	...		0·1	...	0·4	...	...	...	...	...	...	...	...	...	...	.	...	0·3	...	...		...	...	...	...	...
6	...	...	...	0·6	...	..	.	0·5	...	...	...	...	...	...	.	...		...	...	0·1	...	0·3	...	...	...	...	...	...	...	...	...
7		...	..	0·3	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	..	...	...	.	..	.	...	...	...	...	...
8	...	...	...	3·0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...		...	...	...	...
9	..		...	0·1	...	...	...	.		0·1		...	...	2·1	...	...	...	...	...	...	...		...	...	...	...	.	...	...	..	...
10	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	..	.	...		...	...	...	...	...	...	...	...	...	...	...	...	..	..	.	...	...	...	...	...
Noon	...	...	...	...	..	...	...	...	...		...	...	...	...	..	...	0·7	..	...	...		...	...	...	...	...	..	..	...	...	...
13h	...	...	...	...	...	...	...	...		...	...	...	...	...		...	...	...	...	...	...	...	...	0·4	..	...	. .	...	...	...	...
14	...	...	...	...	...	...		...	...	...		..	...	...	...	...	...	...	...			...	..	...	...	...		..	...	...	...
15	...	...	...	...	...	..	..	...	...	...	...	...	...	...	...	.	...	..	...	...	...	...	...	...	...	..	...	...	...	...	...
16	...	...	...	...	...	...	...	...	.	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	..	...	...	..	...	...	...
17	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	..	...	...	...	...	...	...	...	..	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...		...	...	...	...	...	...	...	..	...	...		...	...	...	...	...	...	...	...	0·4	...	...	.	...	...	...	...
20	...	...		..	...	...	...			...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	..	0·1	...	...	...	...	...	...	1·2	...	...	...	...	...	...	...	...	...	0·2	...	...	...	...	..	...	..	...	..	...	..	...
22	...		...	...	0·2	0·4		...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	0·4	..	..	...	...	...	...
23	...	...	...	...	0·2	...	1·3	...	1·0	..	...	...	...	...	...	...	...	...	...	.		...	...	...	0·6	...	.	...	...	...	...
24	...	...	...	...	0·1	...	0·4	...	2·1	...	...	...	...	...	...	...	...	...	...	...	.	...	...	...	0·3	...	...	...	...	..	...

Table XIV.—Rainfall at every Hour of the Day at the Aerological Station, Vacoas, for September, 1950

Day / Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1	...	...	0·1	...	0·2	0·5	1·8	...	...	0·2	...	...	...	...	...	...	...	...	1·7	...	0·1	...	0·6	...	..	0·2	...	...	...	...	...
2	...	...	0·2	...	0·1	0·5	1·4	0·6	...	0·2	...	...	...	...	...	...	...	0·1	0·5	...	0·1	...	0·4	1·5	...	0·3	...	...	...	...	...
3	...	0·1	...	0·2	..	1·5	0·7	...	...	0·6	...	0·4	...	...	..	...	...	0·2	0·3	..	0·3	...	0·2	0·3	...	...	...	.	...	...	...
4	..	0·1	...	0·7	...	0·7	...	0·3	...		...	0·1	...	...	...	...	...	1·0	1·1	...	1·5	...	0·9	0·5	...	...	...	...	...	...	...
5	..	...		0·3	0·1	0·3	0·2	0·2		...	...	...	...	...		...	...	0·6	0·3	...	2·1		...	..	...	...	...	...	...		...
6		.	...	1·5	0·2	...	0·2	0·5	...	...	...	0·2	...	...	...	...	0·5	...	...	.	3·6	...	...	...	...	...	...	...	...	...	...
7	...	...	...	0·5	0·2	...	...	0·1	...	...	...	1·2	0·1	0·7	...	...	0·8	...	...	.	...	...	...	0·3	...	...	...	...	..	...	. .
8	...	0·1	...	1·4	...	...	0·1	...	...	...	...	0·3	...	1·1	...	...	0·5	...	...	...	...	...	...	0·1	..		.		...	...	...
9			. .	...	...	0·2	0·2	...	...		...	1·9	...	...	...	...	..	..	...	...	...	...	...	...	...	...		...	...	...	...
10	...	...	...	...	...	...	...	...	...	...	...	1·0	0·1	...	...	...	...	...	...	.	.	...	...	...	...		...	...	...	...	...
11	...	...	0·1	...		...	...	...	...	...	...	0·2	0·4	...	...	...	...	...	...	...	..	...	...	...	...	...	...	..	...	...	...
Noon	...	...	...	...	...	...	...	...	...	...	...	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13h	...	...	...	...	0·4	...	...	...	...	...	...	..	0·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.	...
14	...	...	...	...	0·1	...	...	...	...	...		...	...	0·2	...	...	...	...	0·9	...	...	...	.	...	...	...	...	...	...	...	..
15	...	...	..	0·1	...	...	...	...	...	...	...	...	...	0·5	...			...	.		...	...	..	...		...	.			...	...
16	...	0·1	..	0·3	1·0	...	...	...	...	...	...	...	0·2	0·9		...	...	...	...	...	0·8	...	...	...	...	...	..	...	...	...	...
17	.	0·1	..	0·2	...		...	...	0·1	0·5	...	...	0·6	0·3	...	...	...	...	...		0·3	...	...	0·7	...	...	...	...	...	...	
18	...	0·3	...	0·1	0·1	..	...	.	...	...	...	...	0·4	0·2	...	...	.	..	...	...	1·0	...	...	0·7	...	...		...	...	...	...
19	...	0·4	..	...	0·4	...	0·2	...	...	..	...	...	0·5	0·2	...	...	...	...	...	...	...	...	...	0·4	...	...	...	...	...	...	..
20	...	...	...	...	1·5	...	0·1	...	..	..	...	...	1·3	...	..	...		...		...	...	...	...	0·7	0·1	...		...	...	...	...
21	0·1	...	...	...	0·9	..	0·2	...	...	...	...	...	1·0	...	...	...		...	...	...	0·4	...	0·5	...	0·4		...		...	...	..
22	...	..	...		0·2	...	2·2	...	0·2	...	...	...	0·4	...	.	..	0·3	0·1	...	...	1·2	...	0·6	...	...	..		...		...	...
23	...	0·1	...	0·6	0·5	0·7	0·6	...		...	...	...	0·4	..	...	...	..	0·4	...	...	0·1	...	0·1	...	0·8	...	...		..	...	...
24	...	0·2	...	0·1	1·4	0·8	0·3	...	0·7	...	...	...	...	..	...	...	...	0·2	0·2	...	...	2·6	0·2	...	0·2	..	..	...	...	...	...

Table XV.—Total Monthly Rainfall at Various Stations in Mauritius according to Districts, September, 1950

Districts	Stations	Approximate Altitude in feet	Total Fall in Inches	Total Fall in mms.	Normal in Inches	Number of days
B. River ...	Albion	—	0·05	1·3	—	1
	Anna Ltd., Bambous ...	—	—	—	—	—
	Beaux Songe	—	—	—	—	—
	Case Noyale ...	—	—	—	—	—
	Clarens ...	—	0·00	0·0	—	—
	Govt. School, Bambous ...	-	0·13	3·2	—	2
	Grande Rivière Noire ...	—	—	—	—	—
	La Ferme	—	0·17	4·3	0·75	4
	La Mecque	—	0·04	1·0	—	1
	Les Rosières	—	0·39	9·9	—	3
	Médine	—	0·03	0·8	—	1
	Mon Désir, Tamarin ...	—	0·00	0·0	—	0
	Palma	—	—	—	—	—
	Palmyre	-	0·0	0·0	—	0
	Petit Verger	—	—	—	—	—
	Pierre Fonds .	—	0·79	20·0	1·01	7
	Richelieu	—	1·07	27·2	—	10
	Tamarin	—	0·00	0·0		0
Port Louis	Abercrombie Nursery .	—	0·76	19·2	—	20
	Line Barracks... ...	—	0·71	18·0	—	7
P/mousses	Beau Plan	—	0·52	13·2	—	2
	Belle Vue (Harel) ...	—	—	—	—	—
	Belle Vue (Maurel) ...	—	0·50	12·7	—	2
	Bois Rouge (de St. Romain)	—	—	—	—	—
	Botanical Gardens ...	325	0·93	23·6	1·78	13
	California ...	—	3·07	78·0	—	10
	Couroupa	—	—	—	1·36	—
	Fond du Sac (Ramlagan) ...	—	—	—	—	—
	Govt School, Pl. des Papayes	—	2·63	66·9	—	5
	La Nicolière	—	2·28	60·5	3·28	18
	Montagne Longue ...	—	—	—	—	—
	Mapou ...		—	—	—	—
	Massilia and Balaklava ...	—	—	—	—	—
	Mont Choisy, Grand Bay...	—	1·53	38·9	—	11
	Mon Mascal, Grrnd Bay ...	—	0·55	14·0	—	2
	Mont Piton ...	680	0·80	20·3	2·27	5
	Mon Songe (Mapou) ...	620	1·25	31·8	2·49	7
	Rouge Terre, Fond du Sac...	—		—	—	—
	Solitude	175	0·27	6·9	0·81	2
	Sottise, Mapou ...	—	1·03	26·2	—	8
	Terre Rouge	—		—	—	—
	The Observatory ...	179	1·36	34·4	1·40	15
	Maison Blanche ...	—	0·36	9·1	—	2
	Le Souvenir	—	0·64	16·3	—	5
	Pampl. Experiment Stn. ...	—	1·39	35·3	—	15
	Notre Dame (La Nouvelle Industrie Ltée)	—	0·50	12·7	—	2
Rivière du Rempart	Antoinette ..	640	1·52	38·6	2·19	9
	Beau Bois, B. Verdière ...	—	—	—	—	—
	Beau Séjour	300	1·17	29·7	2·20	9
	Bel Etang	—	3·86	98·0	—	17
	Bel Mont ..	50	0·35	8·9	1·15	3
	Espérance (Harel) ...	—		—	—	—
	Espérance (Souchon) ...	—	1·40	35·6	—	10
	Forbach .	—	—	—	1·20	—
	Govt. School, Grand Bay ...	—	1·39	35·2	—	10
	Haute Rive	—	—	—	—	—
	Ile d'Ambre	—	1·30	33·0	—	2
	Labourdonnais	290	0·98	25·0	1·61	8
	L'Amitié	-	—	—	—	—
	Mare Sèche, Grand Bay ...	20	—	—	—	—
	Mon Choix	700	0·85	21·6	1·84	6
	Mon Loisir (Lagesse) ...	—	0·84	21·3	1·85	4
	Mon Loisir (Rouillard) ...	—	—	—	—	—
	Mon Tracas (Audibert) ...	—	—	—	—	—
	Petit Gaffray, (Mapou) ...	—	—	—	—	—
	Poudre d'Or	20	0·63	16·0	—	3
	Ravensworth	—	2·54	64·5	1·24	6
	Schœnfeld	—	—	—	—	—
	Saint Antoine ...	50	0·71	18·0	1·17	7
Flacq ...	Australia, Pont Praslin ...	—	0·55	14·0	—	2
	Beau Bois, St. Julien ...	—	—	—	—	—
	Beau Champ G.R.S.E. ..	20	1·73	43·9	1·71	17
	Bel Etang	—	3·86	98·0	—	17
	Belle Mare, Argy ...	—	—	—	—	—
	Belle Rive ..	400	4·69	119·1	4·13	15
	Belle Vue (Allendy) ..	—	1·46	37·1	2·69	9
	Bois Clair	—	—	—	—	—
	Brisée Verdière ...	—	-	—	—	—
	Camp de Masque ...	—	—	—	—	—
	Caroline, Bel Air ...	—	—	—	—	—
	Castel Estate, Bel Air ...	—	—	—	—	—
	Clémencia	—	—		—	—
	Constance La Gaieté ..	100	1·35	34·3	1·69	8
	Deep River	—	3·10	78·7	—	15
	Etoile	—	5·78	146·8	—	16
	Govt. School, Central Flacq	—	0·85	21·6	—	22
	Govt. School, G.R.S.E. ...	—	0·41	10·5	—	6
	Grande Retraite ...	—	—		—	—
	Grosse Roche ...	—	—	—	—	—
	La Lucie, Bel Air ...	—	—	—	—	—
	Melrose, Montagne Blanche	—	—	—	—	—
	Olivia	400	3·95	100·4	3·15	15
	Palmar	—	—	—	—	—
	Petite Etoile, Bel Air ...	—	—	—	—	—
	Petite Victoria	—	—	—	—	—
	Queen Victoria ...	—	2·30	58·4	—	14
	Rich Fund, St. Julien ...	—	2·70	68·6	—	7
	Rivière Sèche ...	—	1·05	26·7	—	3
	Ruisseau Rose ...	—	—	—	—	—
	Sans Souci	900	6·36	161·5	5·83	24
	Sébastopol	—	—	—	—	—
	Trois Ilots ...	—	1·62	41·2	—	16
	Union Regnard S.E. ...	600	3·06	77·7	2·63	12
	Unité	—	—	—	—	—
	Beau Rivage Estate ...	—	0·90	22·9	—	2
	Bon Accueil	—	2·00	50·8	—	8
	Terres Franches ...	—	3·25	82·6	—	16
	Terre Rocheuses ...	—	4·33	110·0	—	7
G. Port ...	Anse Jonchée	—	—	—	—	—
	Astrœa, Cluny ...	—	5·14	130·6	—	17
	Beau Lieu, Union Park ...	—	—	—	—	—
	Beau Vallon (LaCour) ...	—	0·88	22·4	—	7
	" (Partie Haute)	—	1·16	29·5	—	16
	Deux Bras ...	—	4·83	122·7	—	17
	Eau Bleu, Cluny ...	—	-	—	—	—
	Ferney	20	2·10	53·3	2·60	15
	Grand Bois, Rose Belle ...	—	—	—	..	—
	Gungah Frères, New Grove	—	—	—	—	—
	Khoratty, Escalier ...	—	—	—	—	—
	La Vallée, Cluny ...	—	—	—	—	—
	Le Vallon	—	—	-	—	—
	Mare d'Albert ...	—	—	—	—	—
	Mon Désert Carié ...	75	1·07	27·2	1·53	13
	Mon Trésor	—	2·29	58·2	1·00	11
	New Grove	650	1·91	48·5	—	6
	Plaisance Airfield ...	160	2·09	53·1	—	21
	Riche-en-Eau	—	2·89	73·4	—	12
	Rose Belle	850	5·45	138·4	5·98	23
	Sauve Terre	—	1·07	27·2	—	7
	Savinia	—	1·25	31·8	—	4
	Ste. Hélène	—	1·70	43·2	—	10
	St. Hubert, Cluny ...	—	8·05	204·5	—	11
	Ste. Madeleine, Cluny ...	—	—	—	—	—
	Union Park	—	—	—	—	—
	Union Vale .. .	—	1·71	43·4	—	11
	La Baraque	—	1·30	33·0	—	9
Savanne	Baie du Cap	—	—	—	—	—
	Beau Bois	—	6·32	160·5	—	20
	Beau Champ B. du Cap ...	70	1·77	46·0	1·95	18

Table XV contd.—Total Monthly Rainfall at Various Stations in Mauritius according to Districts, September, 1950

Districts	Stations	Approximate Altitude in feet	Total fall in Inches	Total fall in mms.	Normal in Inches	Number of days
Savanne	Beau Climat	—	6·69	169·9	—	19
	Bel Air, Montocchio ...	—	—	—	—	—
	Bel Air, St. Félix ...	—	3·35	85·1	—	7
	Bel Air, Ch. Grenier ...	—	—	—	—	—
	Bel Ombre	40	2·64	67·1	1·93	6
	Bènarès	—	2·15	54·6	—	17
	Bois Chèri Tea Factory ...	—	8·10	205·7		20
	Britannia ...	700	6·03	153·2	4·03	18
	Camp Diable	—	—	—	—	—
	Cascades	—	—	—	—	—
	Chamouny, Chemin Grenier	—	—	—	—	—
	Choisy, Baie du Cap ...	200	0·16	4·1	2·60	2
	Colmar ...	400	6·10	154·9	3·03	18
	Combo	—	5·35	135.9	—	17
	Fontenelle	320	3·30	83·8	2·95	11
	Frédérica	—	2·77	70·1	2·36	6
	Joli Bois, Rivière Dragon...	—	—	—	—	—
	La Flora ...	1,050	7·66	194·6	5·38	20
	Château	—	3.03	77·0	—	11
	Luchon	—	—	—	—	—
	Martinière, Souillac ...	—	—	—	—	-
	Plaines Longanes ...	—		—	—	—
	Riche Bois	650	4·21	106·9	3·78	19
	Ruxa, R des Anguilles ...	—	2·18	55·4	—	8
	Savannah	200	1·72	43·7	1·96	12
	Saint Aubin	300	3·23	82.0	2·70	14
	Saint Avold	900	5·73	145·5	4·61	20
	Saint Félix	—	2·40	61·0	—	7
	Sainte Marie	—	0·00	0·0	—	0
	Terracine	—	2·16	54·9	—	15
	Tivoli	1,300	6·81	173·0	8·51	20
	Union Sugar Estate	—	2·26	57·4	2·23	12
	Val Riche	—	—	—	—	—
	R. des Anguilles, S E. ...	—	2·32	58·9	—	10
Plaines Wilhems	Aerological Station, Vacoas	1,393	3·24	82·3	3·40	22
	Bagatelle	1,250	2·13	54.1	2·69	16
	Barkly, Beau Bassin ...	—	0·66	16·6	—	11
	Bassin, Quatre Bornes ...	—	0·80	20·3	1·36	10
	Belle Vue (Martin) ...	—	—	—	—	—
	Chebel	—	0·40	10·2	—	7
	Clermont, Petite Rivière ...	—	—	—	—	—
	Curepipe Gardens ...	1,840	6·33	160·7	5·60	22
	Ebène ...	—	1·43	36·3	-	18
	Floréal	—	—		—	—
	Gros Cailloux, Pte. Rivière	—	0·35	8·9	—	5
	Henrietta ...		1·86	47·2	—	18
	Highlands	1,000	3·87	98·3	3·09	19
	Crown Land Wooton ...	-	6·48	164·5	-	24
	La Marie Filter Beds ...	1,700	3·99	101·3	4·10	21
	Les Rosieres, Pte. Rivière...		—	—	—	—
Plaines Wilhems	Malgré Tout, Pte. Rivière	—	—	—	—	—
	Moon ...	—	0·98	24·9	—	15
	Mare-aux-Vacoas (Arnaud)	1,830	5·36	136·1	7·14	26
	Mare-aux-Vacoas (G. End.)	1,850	5·68	144·3	7·13	24
	Midlands Dam ...	—	7·87	199·9	—	18
	Nouvelle France ...	—	—	—	—	- -
	Parc-aux-Cerfs (Tea Plantations)	—	6·56	166·6	—	24
	Pétrin	—	7·00	177·8	—	25
	Phœnix	—	1·86	47·2	3·40	9
	Quatre Bornes... ...	1.090	0·94	23·9	—	8
	Réunion	1,420	3·23	82·0	—	19
	Roches Brunes, B Bassin	-	—	—	—	-
	Royal College, Curepipe ...	—	—	—	—	—
	Tamarin-Falls ..	—	1·92	48·8	—	15
	Trianon	950	1·48	37·6	1·70	10
	Mare Longue	—	2·67	42·4	—	24
Moka ...	Alma	1,460	5·04	128·0	4.73	17
	Béga	—	0·74	18·8	—	10
	Beau Bois (Moka) ...	—	—	—	—	—
	Bonne Veine	400	4.73	120·1	5·26	18
	Chantenay, Moka ...	—	—	—	—	—
	Circonstance	—	—	—	—	—
	Côte D'Or	—	1·60	40·6	—	7
	Helvetia	—	—	—	—	-
	Hermitage	1,450	3·12	79·2	4·62	17
	Le Réduit ...	1,000	1·53	38·9	1·50	19
	Minissy ...	1,150	2·23	56·6	2·25	18
	Mon Désert		2·22	56·4	—	17
	Mont Ida, Q. Militaire ...	—	—	—	—	—
	Mont Pévril	—	2·06	52·3	—	17
	Mon Rêve	—	1·65	41·9	—	18
	Réduit Ltd , Moka ...	—	—	—	—	—
	Ripailles, St. Pierre ...	—	—	—	—	
	Piton du Milieu Reservoir...	—	6·21	157.7	—	22
	Flat Island	—	0·12	3·0	—	1
Rodrigues	Oyster Bay	—	0·77	19·5	—	8
	Point Venus	—	1·15	29·1	—	17
	Solitude	—	0·47	12·0	—	4
Chagos	Diégo Garcia, Met. Station	—	3·08	78·3	—	11
Archipelago	Péros Banhos ..	—	0·87	22·2	—	5
	Salomon Islands (Boddam)	—	24·49	368·0	—	19
Cargados Caragos	St. Brandon	—	0·54	13·7	—	15
Agalega	Met. Station	—	10·29	261·4	—	18

Table XVI.—Observations of Pilot Balloons, month of September, 1950

Date	Time	1,000 feet		3,000 feet		5,000 feet		7,000 feet		10,000 feet		13,000 feet		15,000 feet		17,000 feet		20,000 feet		25,000 feet		30,000 feet	
		Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.
1	08·43	14	22	15	18	23	06	24	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	08·45	12	15	13	14	12	18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	08·40	12	23	12	17	10	18	10	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	08·40	11	23	10	38	10	25	10	48	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	08·45	11	21	09	27	09	18	09	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	08·50	12	19	11	10	12	17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	08·38	12	13	11	18	10	17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	08·38	12	13	13	18	12	18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	08·50	10	12	11	20	12	16	12	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	08·35	10	16	08	19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	08·26	12	17	12	18	12	10	08	04	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	09·00	11	13	11	25	12	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	08·50	11	33	10	32	10	24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	08·54	12	12	10	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	08·31	12	11	14	07	21	01	06	06	10	06	21	08	...	...	...	...	...	...	...	...	...	...
16	08·00	16	06	23	10	21	11	18	10	21	12	23	11	...	...	...	...	...	...	...	...	...	...
17	08·35	13	18	13	19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	08·40	11	13	10	09	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	08·00	11	13	10	25	01	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	08·37	10	22	11	18	10	07	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	08·30	11	16	10	18	12	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	08·35	10	13	10	14	07	13	03	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	08·40	11	13	10	16	14	09	17	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	08·19	12	17	12	19	11	23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	08·35	11	12	11	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	08·25	10	16	10	23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27	09.00	10	24	10	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	08·00	11	15	09	22	10	16	15	06	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	08·30	10	21	11	11	15	12	15	07	15	10	22	17	24	17	24	21	25	30	...	...	...	...
30	08·00	10	22	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...

VOL. XXXV PART X

COLONY OF MAURITIUS

Royal Alfred Observatory, Mauritius

(LATITUDE 20° 5′ 39″ S.—LONGITUDE 3h 50m 12·6s E.)

RESULTS

OF

Magnetical and Meteorological Observations

FOR THE MONTH OF

OCTOBER, 1950

N. R. McCURDY, B.Sc.
Director.

Published by Authority of His Excellency the Governor

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JAN 21 1955
WEATHER BUREAU

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Table I—Results of Magnetical Observations made during the month of October, 1950

Month and Day	Mean: Declination (West)	Mean: Horizontal Force (C.G.S. Units)	Mean: Vertical Force (C.G.S. Units)	Daily Range: Declination	Daily Range: Horizontal Force (Unit 1 γ)	Daily Range: Vertical Force (Unit 1 γ)
Oct.						
1	—	·22297	—	—	108	—
2	—	296	—	—	72	—
3	15°42'·9	292	—	5'·4	45	—
4	41·8	308	—	8·4	48	—
5	43·6	315	—	8·4	60	—
6	43·1	339	—	9·6	64	—
7	—	327	—	—	72	—
8	42·9	341	—	9·2	54	—
9	—	—	—	—	—	—
10	—	—	—	—	—	—
11	—	—	—	—	—	—
12	—	330	—	—	40	—
13	—	323	—	—	40	—
14	41·8	330	—	7.2	104	—
15	—	329	—	—	68	—
16	—	306	—	—	95	—
17	—	—	—	—	—	—
18	—	—	—	—	—	—
19	—	320	—	—	29	—
20	42·4	336	—	5·8	45	—
21	42·2	344	—	5·8	43	—
22	—	342	—	—	70	—
23	—	333	—	—	34	—
24	—	327	—	—	40	—
25	—	334	—	—	30	—
26	—	339	—	—	23	—
27	—	339	—	—	39	—
28	—	307	—	—	133	—
29	—	266	—	—	48	—
30	—	291	—	—	43	—
31	—	294	—	—	70	—
Mean	15°42'·59	·22319	—	7'·47	58·3	—

T=— Mean Dip=— X=·21485: Y=—·060426: Z=—

Magnetic Disturbances—October, 1950

1d. Moderately disturbed.
2d. Moderately disturbed.
3d. Moderately disturbed.
4d. Moderately disturbed.
5d. Moderately disturbed.
8d. Slightly disturbed.
11d. Slightly disturbed.
12d. Slightly disturbed.
14d. Moderately disturbed.
16d. Moderately disturbed.
22d. Slightly disturbed.
23d. Slightly disturbed.
26d. Slightly disturbed.
28d. Very disturbed period starting at $12^h\ 10^m$ and ending at 01^h30 on 29th. The range was over 220γ.
29d. Moderately disturbed.
30d. Moderately disturbed.
31d. Slightly disturbed.

Table II.—Results of the Absolute Determinations of the Magnetic Elements made during the month of October, 1950

Declination (West)		Horizontal Force		Dip (South)		Resulting Vertical Force
Day and Hour	Observed Value	Day and Hour	Observed Value	Day and Hour	Observed Value	
d h m	° '	d h m		d h m	° '	
6 10 10	15 47·87	3 9 28	·22301	6 10 02	53 43·75	·30416
13 10 40	15 44·75	6 10 35	·22357	13 10 53	53 44·13	·30418
20 10 15	15 43·50	13 10 15	·22332	20 10 03	53 42·75	·30415
27 10 45	15 44·25	17 9 50	·22338	27 10 55	53 43·50	·30420
		20 10 40	·22348			
		27 10 12	·22358			

Table III.—Magnetic Declination West at every Hour of the Day as deduced from the Photographic Records

OCTOBER 1950

15° +

Day / Hour	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day / Hour
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	
Midnight	—	—	45·0	42·0	44·2	43·8	43·6	44·0	—	42·6	—	—	—	42·8	44.8	—	Midnight
1h	—	—	44·4	42·4	44.0	42·6	—	43·6	—	42·4	—	—	—	42·4	44.8	—	1h
2	—	—	44·2	42·6	43.8	42·4	—	44·4	—	42·2	—	—	—	42·0	44·6	—	2
3	—	—	44·8	42·4	42·0	42·2	—	44·2	—	42·0	—	—	—	41·6	43·8	—	3
4	—	—	44·0	42·0	41·8	41·8	—	44·0	—	42·0	—	—	—	43·0	43·6	—	4
5	—	—	42·4	40·4	42·0	41·2	—	43·6	—	42·2	—	—	—	43·2	43·8	—	5
6	—	—	42·0	41·6	41·8	43·0	—	43·4	—	42·4	—	—	—	43·8	—	—	6
7	—	—	40·8	42·4	43·6	43·2	—	44·0	—	43·2	—	—	—	43·4	—	—	7
8	—	—	41·4	43·0	45·4	46·0	—	45·4	—	43·6	—	—	—	43·0	—	—	8
9	—	—	41·6	43·2	47·6	48·0	—	46·0	—	44·0	—	—	—	43·2	—	—	9
10	—	44·0	43·6	43·4	48·0	48·6	—	47·2	—	45·2	—	44·0	44·4	43·0	45·2	—	10
11	—	42·4	44·8	43·6	46·8	46·4	46·6	47·0	—	45·2	44·2	43·8	43.6	43·8	45·6	—	11
Noon	—	40·0	45·4	42·4	45·4	45·2	45·8	45·6	42·0	43·6	43·8	42·2	40·0	43·4	44·4	—	Noon
13h	—	36·8	42·0	39·0	42·6	43·0	44·0	42·2	40·0	41·2	42·2	40·0	37·6	41·0	44·0	—	13h
14	—	36·0	40·0	37·2	40·0	39·0	42·2	38·2	37·2	40·0	41·0	38·0	36·8	38·0	43·2	—	14
15	—	36.4	40·0	37·4	39·6	40·0	43·6	38·0	37·8	—	41·2	37·4	37·4	37.0	43·6	—	15
16	—	44·0	40·2	37·3	40·0	40·2	43·8	39·8	38·4	—	41·6	38·8	39·0	37·2	44·4	—	16
17	—	40·6	41.6	39·4	42·8	41·0	44·4	40·8	39·6	—	41·8	41·0	42·0	37.6	—	—	17
18	—	41·6	42·4	39·9	43·6	41·4	44·0	40.5	40·3	—	42·4	42·2	42·4	39·2	—	—	18
19	—	42·8	42·6	43·0	43·8	41·8	44·2	40·8	41.0	—	42·6	42·6	42.2	41·0	—	—	19
20	—	43·6	42·8	44·0	44·6	42·2	44·4	41·8	41·2	—	43·2	42·4	42·4	42·0	—	—	20
21	—	44·4	43·2	44·8	44·4	43·6	44·6	41·6	41·2	—	43·6	42·2	42·2	43·8	—	—	21
22	—	43·8	44·8	45·2	44·2	43·8	45·2	42·0	42·4	—	43·8	42·4	42·0	44·4	—	—	22
23	—	44·4	45·0	45·6	44·0	43·8	45·4	43·2	42·8	—	—	42·2	42·2	44·2	—	—	23

OCTOBER 1950—*continued*

15° +

Day / Hour	17d	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean.	Day / Hour
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	
Midnight	—	—	—	43·0	41·8	—	—	—	—	—	—	—	—	—	45·0	43·4	Midnight
1h	—	—	—	43·0	42·0	—	—	—	—	—	—	—	—	—	45·2	43·1	1
2	—	—	—	42·4	42·2	—	—	—	—	—	—	—	—	—	44·4	43·0	2
3	—	—	—	42·0	42·4	—	—	—	—	—	—	—	—	—	44·2	42·7	3
4	—	—	—	41·2	42·4	—	—	—	—	—	—	—	—	—	44·0	42·5	4
5	—	—	—	41·8	42·0	—	—	—	—	—	—	—	—	—	44·0	42·1	5
6	—	—	—	42·4	43·6	—	—	—	—	—	—	—	—	—	43·8	42·7	6
7	—	—	—	44·0	44·0	—	—	—	—	—	—	—	—	—	43·6	43·2	7
8	—	—	—	44·8	44·2	—	—	—	—	—	—	—	—	—	44·4	44·1	8
9	—	—	—	45·8	44·8	—	—	—	—	—	—	—	—	—	46·0	45·0	9
10	—	—	—	44·0	44·0	—	43·0	43·0	—	—	—	—	—	—	45·4	45·2	10
11	—	—	—	42·2	43·6	—	42·2	42·4	—	—	—	—	—	40·0	—	44·8	11
Noon	—	—	—	42·8	41·0	—	41·8	41·0	—	—	—	—	—	37·0	—	43·9	Noon
13h	—	—	—	40·6	39·0	—	40·4	39·0	—	—	—	—	—	37·2	—	41·2	13h
14	—	—	—	40·0	38·0	40·0	39·6	38·0	—	—	—	—	—	37·6	—	38·8	14
15	—	—	—	40·8	39·6	40·4	40·0	38·8	—	—	—	—	—	38·4	—	39·0	15
16	—	—	—	41·8	41·0	41·0	40·4	40·4	—	—	—	—	—	40·0	—	39·7	16
17	—	—	—	42·2	41·6	41·8	42·0	41·6	—	—	—	—	—	41·0	—	40·9	17
18	—	—	—	42·4	42·0	42·0	42·4	42·4	—	—	—	—	—	42·0	—	41·4	18
19	—	—	—	40·0	42·4	42·2	43.6	42·8	—	—	—	—	—	44·0	—	41·9	19
20	—	—	—	42·0	42·2	42·2	43·4	42·2	—	—	—	—	—	44·8	—	42·7	20
21	—	—	—	42.2	42·8	42·4	43·0	—	—	—	—	—	—	43·7	—	43·3	21
22	—	—	—	42·4	42·4	43·0	43·2	—	—	—	—	—	—	43·6	—	43·7	22
23	—	—	—	42·4	42·8	43·8	43·4	—	—	—	—	—	—	44·0	—	43·8	23

Table IV.—Magnetic Horizontal Force at every Hour of the Day as deduced from the Photographic Records

(The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber)

OCTOBER 1950

+ ·22000 (C.G.S. UNIT)

Day / Hour	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day / Hour
Midnight	335	289	277	332	330	334	310	325	340	337	—	344	309	319	272	310	Midnight
1h	310	310	305	312	310	340	318	330	—	342	—	342	308	322	282	313	1h
2	322	330	303	310	313	332	325	320	—	350	—	350	324	328	300	313	2
3	329	328	298	319	320	340	337	324	—	349	—	345	313	323	305	316	3
4	332	322	308	325	321	350	339	330	—	342	—	344	312	330	303	319	4
5	331	323	306	330	329	347	340	349	—	346	—	340	317	340	322	324	5
6	322	324	302	315	328	337	335	334	—	347	—	331	319	341	330	327	6
7	340	305	297	319	334	350	346	335	—	350	—	329	315	360	341	323	7
8	350	310	298	320	336	358	340	352	—	354	—	327	318	372	340	330	8
9	340	314	282	305	340	359	344	351	—	361	—	326	326	358	338	342	9
10	310	321	279	312	322	360	352	358	—	372	359	323	340	380	336	338	10
11	300	324	277	305	312	362	340	370	—	379	362	327	348	377	324	335	11
Noon	290	310	284	310	298	361	352	374	372	382	370	345	340	373	305	343	Noon
13h	282	280	282	307	308	352	345	367	360	384	377	344	339	356	309	344	13h
14	291	277	280	297	299	349	340	363	338	389	375	350	343	350	308	324	14
15	280	270	278	300	285	336	337	350	347	370	367	340	338	362	303	290	15
16	250	278	264	298	280	340	325	331	359	360	360	320	328	335	299	280	16
17	242	284	269	299	299	334	322	335	350	345	351	317	320	290	298	270	17
18	248	277	288	284	306	330	308	330	345	341	350	316	321	280	299	249	18
19	252	278	308	292	297	325	280	329	339	—	351	314	320	305	301	255	19
20	262	264	301	308	322	320	297	328	340	—	343	319	317	284	300	272	20
21	270	260	309	285	315	310	292	333	337	—	342	315	310	280	301	271	21
22	275	258	305	300	319	298	300	335	336	—	337	310	309	277	302	287	22
23	273	262	307	305	335	304	312	338	339	—	333	312	308	276	304	274	23

OCTOBER 1950—*continued*

+ ·22000 (C.G.S. UNIT)

Day / Hour	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean.	Day / Hour
Midnight	288	—	313	326	340	339	330	329	330	334	332	335	284	279	293	317	Midnight
1h	—	—	314	325	340	340	325	328	335	335	328	333	268	297	300	318	1h
2	—	—	320	323	337	341	345	336	333	339	320	338	262	311	290	322	2
3	—	—	318	322	346	341	335	330	332	352	321	339	275	317	300	324	3
4	—	—	314	327	341	340	338	331	330	342	338	340	277	303	300	325	4
5	—	—	317	326	340	340	353	337	327	340	337	348	282	286	300	328	5
6	—	—	318	328	342	350	349	330	326	339	338	343	283	282	301	326	6
7	—	—	320	333	345	349	344	325	325	332	341	320	284	281	310	327	7
8	—	—	326	336	350	350	346	319	328	335	345	348	283	280	309	331	8
9	—	—	332	340	358	355	340	322	336	342	356	360	285	278	322	333	9
10	—	—	334	351	360	365	339	330	340	347	358	362	270	283	302	333	10
11	—	—	332	365	362	371	338	340	340	342	354	358	277	297	300	334	11
Noon	—	—	330	367	370	375	337	350	345	343	355	354	262	305	299	334	Noon
13h	—	324	327	360	370	370	335	345	355	351	359	320	250	289	290	328	13h
14	—	319	320	353	364	363	336	335	353	350	352	284	260	284	280	323	14
15	—	312	315	351	350	356	330	324	340	347	347	285	255	287	277	317	15
16	—	320	307	340	333	344	328	316	333	346	340	270	260	288	268	308	16
17	—	318	305	330	330	330	323	330	329	337	336	252	270	293	252	303	17
18	—	315	312	327	332	320	322	312	326	330	330	258	258	290	280	301	18
19	—	316	315	328	330	305	330	317	328	329	329	229	239	274	281	299	19
20	—	312	318	329	330	307	320	320	329	330	327	242	237	279	282	302	20
21	—	305	320	327	327	320	320	321	330	331	327	240	248	300	305	303	21
22	—	307	320	328	332	314	319	322	333	331	328	252	249	309	298	304	22
23	—	315	321	334	338	330	326	325	332	336	330	254	258	290	315	308	23

Table V.—Magnetic Vertical Force at every Hour of the Day as deduced from the Photographic Records

(The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber)

OCTOBER 1950

+ ·30000 (C.G.S. UNIT)

Day / Hour	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day / Hour
Midnight	430	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Midnight
1h	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1h
2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2
3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3
4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5
6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6
7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7
8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8
9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	9
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10
11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11
Noon	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Noon
13h	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	13
14	—	—	—	—	—	—	—	—	—	—	—	432	—	—	—	—	14
15	—	—	—	—	—	430	—	—	—	—	427	427	427	—	—	—	15
16	—	—	—	—	—	432	—	427	—	—	413	412	—	—	—	—	16
17	—	—	—	—	—	417	—	417	—	—	404	414	—	—	—	—	17
18	—	—	—	—	—	427	—	416	—	—	409	420	428	—	—	—	18
19	—	—	—	—	—	432	—	420	—	—	420	429	418	—	—	—	19
20	—	—	—	—	—	—	—	430	—	—	430	430	411	—	—	—	20
21	—	—	—	—	—	—	—	—	—	—	—	428	417	—	—	—	21
22	—	—	—	—	—	—	—	—	—	—	—	428	424	—	—	—	22
23	—	—	—	—	—	—	—	—	—	—	—	429	430	—	—	—	23

OCTOBER 1950—*continued*

+ ·30000 (C.G.S. UNIT).

Day / Hour	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean.	Day / Hour
Midnight	—	—	—	—	—	—	—	—	—	—	—	429	—	—	—	—	Midnight
1h	—	—	—	—	—	—	—	—	—	—	—	429	—	—	—	—	1h
2	—	—	—	—	—	—	—	—	—	—	—	428	—	—	—	—	2
3	—	—	—	—	—	—	—	—	—	—	—	429	—	—	—	—	3
4	—	—	—	—	—	—	—	—	—	—	—	430	—	—	—	—	4
5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5
6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6
7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7
8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8
9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	9
10	—	—	—	428	—	—	—	—	—	—	428	425	—	—	—	—	10
11	—	—	—	420	—	—	—	—	—	—	423	423	—	—	—	—	11
Noon	—	—	—	420	429	—	—	—	—	—	421	417	—	—	—	—	Noon
13h	—	—	—	414	420	—	—	—	—	—	418	410	—	—	—	—	13h
14	—	—	—	414	417	—	—	—	—	—	415	412	—	—	—	—	14
15	—	—	—	420	422	—	—	—	—	—	419	427	—	—	—	—	15
16	—	—	—	421	—	—	—	—	—	—	422	—	—	—	—	—	16
17	—	—	—	424	—	—	—	—	—	—	424	—	—	—	—	—	17
18	—	—	—	428	—	—	—	—	—	—	424	—	—	—	—	—	18
19	—	—	—	429	—	—	—	—	—	—	426	—	—	—	—	—	19
20	—	—	—	430	—	—	—	—	—	—	427	—	—	—	—	—	20
21	—	—	—	—	—	—	—	—	—	—	428	—	—	—	—	—	21
22	—	—	—	—	—	—	—	—	—	—	429	—	—	—	—	—	22
23	—	—	—	—	—	—	—	—	—	—	430	—	—	—	—	—	23

Table VI.—Results of Meteorological Observations made at the Aerological Station, Vacoas, (424.5 metres above mean sea-level) during the Month of October, 1950

Month and days 1950	Observations at 10 a.m.									Temperature of the Air							Rainfall		Duration of Bright Sunshine	Percentage of Possible Sunshine
	Atmospheric Pressure	Temperature of the Air	Excess of Air Temperature over Evaporation Temperature	Temperature of the Dew Point	Relative Humidity (Sat 100)	Vapour Pressure	Wind Direction	Wind Velocity	Amount of Cloud (Scale 0—8)	3h	9h	15h	21h	Daily Maximum	Daily Minimum	Daily Range	Amount recorded by the Casella Pluviograph	Duration		
Oc	mbs.	°C	°C	°C	%	mbs.	°	m.p.s.		°C	°C	°C	°C	°C	°C	°C	mms.	mins.	hrs	%
1	973·9	19·6	4·1	12·4	63	14·4	90	9·4	6	16·6	19·4	21·0	17·1	21·7	15·6	6·1	0·0	0	9·3	76
2	972·8	19·2	3·0	14·0	72	16·0	70	2·2	8	16·2	18·2	19·4	16·2	20·7	15·0	5·7	0·0	0	1·3	11
3	970·1	19·3	2·7	14·7	75	16·7	80	0·9	8	15·5	18·1	19·3	17·2	21·6	14·3	7·3	0·0	0	0·0	0
4	969·5	21·3	5·0	12·6	57	14·6	Calm	Calm	4	15·3	20·2	22·2	16·8	24·0	15·0	9·0	0·0	0	7·4	60
5	970·2	21·9	4·4	14·5	63	16·5	160	1·8	6	14·6	20·3	21·3	15·3	24·1	13·2	10·9	0·0	0	9·4	76
6	970·7	22·1	6·0	11·4	52	13·5	Calm	Calm	Trace	13·3	20·3	21·6	15·0	24·1	12·0	12·1	0·0	0	10·9	89
7	971·5	23·0	6·5	11·5	49	13·6	225	2·2	0	13·2	20·7	20·4	16·2	23·3	10·4	12·9	0·0	0	8·0	65
8	971·7	21·9	4·4	14·5	63	16·5	80	2·7	5	14·0	20·4	22·4	16·3	23·7	13·6	10·1	0·0	0	9·1	73
9	971·3	23·0	4·0	16·5	67	18·8	Calm	Calm	7	15·2	22·3	21·0	17·7	24.6	13·3	11·3	9·3	145	5·6	45
10	971·7	22·6	4·1	15·9	65	18·1	70	2·7	6	16·5	22·2	24·0	18·3	24·7	16·4	8·3	0·9	30	10·1	81
11	971·5	24·1	4·0	17·7	68	20·3	100	3·6	6	18·9	23·3	23·6	19·0	24·7	17·9	6·8	0·2	10	9·5	77
12	971·6	23·6	3·7	17·8	70	20·4	115	3·6	7	18·6	23·2	23·2	19·0	24·5	17·9	6·6	0·3	10	8·4	68
13	970·9	22·5	3·5	16·8	70	19·1	130	8·9	2	18·1	21·3	22·3	18·3	23·5	17·2	6·3	0·0	0	11·3	91
14	970·3	21·6	4·5	13·9	62	15·9	120	8·9	3	17·8	21·4	21·8	19·0	23·2	17·0	6·2	0·0	0	8·1	65
15	971·2	22·2	2·9	17·5	75	20·0	115	6·7	7	18·1	21·5	22·7	18·7	23·5	18·5	5·0	0·0	0	9·6	77
16	971·5	22·9	3·7	17·0	70	19·4	115	4·9	7	18.1	22·0	23·0	19·3	24·0	18·0	6·0	0·0	0	8.7	70
17	969·3	21·1	1·9	18·0	83	20·6	115	7·2	6	18·9	21·5	22·0	18·4	23·4	18·0	5·4	0·9	25	7·0	56
18	967·8	23·4	4·3	16·4	65	18·7	100	4·0	6	17·4	22·2	23·2	19·2	24·2	16·7	7·5	3·5	85	10·0	80
19	966·8	21·4	1·5	19·0	86	22·0	115	4·9	7	18·3	20·8	19·0	17·7	23·4	18·2	5·2	12·4	345	2·0	16
20	967·0	22·4	3·1	17·4	73	19·9	120	8·1	3	17·4	21·3	21·8	18·3	23·0	17·1	5·9	0·0	0	11·0	87
21	967·8	22·0	4·0	15·3	66	17·4	120	8·9	1	17·7	20·8	21·5	18·4	23·4	17·5	5·9	0·4	15	11·0	87
22	968·4	21·1	1.7	18·4	85	21·2	120	4·0	7	17·5	19·4	22·9	18·6	23·9	17·4	6·5	1·7	60	8·0	63
23	966·8	23·8	4·2	17·1	66	19·5	120	4·0	2	18·1	21·3	23·4	18·5	24·5	17·5	7·0	0·5	10	11·4	91
24	967·7	23·5	5·0	15·2	60	17·3	115	5·4	2	17·6	22·1	22·0	19·0	24·3	17·2	7·1	0.0	0	11·6	91
25	969·3	22·4	3·9	16·0	67	18·2	120	6·7	3	18·4	22·3	23·0	17·6	23·9	17·6	6·3	0·3	10	10·9	86
26	970·1	22·0	3·0	17·2	74	19·6	120	5·4	6	17·0	22·2	22·1	17·9	23·5	15·7	7·8	0·0	0	7·3	57
27	970·7	23·0	3·4	17·6	71	20·1	110	2·2	7	16·7	22·7	23·4	18·5	23·7	16·6	7·1	0·0	0	6·2	49
28	969·2	22·0	2·3	18·4	79	21·2	115	5·4	7	18·4	20·3	22·3	18·4	24·0	17·9	6·1	0.5	15	3·6	28
29	968·6	24·0	4·5	16·8	64	19·1	100	3·6	4	17·4	22·7	22·8	18·7	24·7	16·9	7·8	0·0	0	6·4	50
30	969·8	21·5	2·5	17·5	77	20·0	115	2·7	7	17·6	22·6	23·0	18·4	24·9	16·8	8·1	0·0	0	3·9	30
31	970·8	23·5	4·5	16·8	63	19·1	120	3·6	4	18·0	22·4	24·0	19·0	24·8	17·0	7·8	1·7	65	11·2	87
Mean	970·0	22·2	3·7	16·0	68	18·3	—	4·3	5·0	17·0	21·3	22·1	17·9	23·7	16·2	7·5	32·6	825	8·01	63·9
Average	971·0	21·3	3·2	16·2	73·5	18·4	—	4·1	6·5	—	—	—	—	23·4	16·1	7·3	71·8	1221	—	—
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

EXCESS OF CERTAIN ELEMENTS AT PAMPLEMOUSSES OVER THE CORRESPONDING ELEMENTS AT VACOAS

Atmospheric Pressure	+	41·4 mbs	Amount of rain	+	4·2mms
Temperature of the Air		—°C	Duration of Bright Sunshine	+	18·7 hrs
Vapour Pressure		—mbs	Mean of Maximum temperatures	+	2·7°C
Relative Humidity		—%	,, Minimum temperature	+	2·2°C
Velocity of Wind	+	0·8 mps.	Absolute Maximum temperature	+	2·8°C
Amount of Cloud		—	Minimum temperature	+	1·6°C

Table VII.—Daily Results of Meteorological Observations made during the month of October, 1950

Month and Day 1950	Atmospheric Pressure		Temperature of the Air					Excess of Air Temp. over Evaporation Temp.	Temperature of the Dew Point		Relative Humidity (Saturation=100)		Vapour Pressure	Minimum on the Grass
	Mean	Excess above Average	Daily Maximum	Daily Minimum	Daily Range	Mean	Excess above Average		Mean	Excess above Average	Mean	Excess above Average		
OCT.	mbs.	mbs.	°C	°C	°C	°C	°C	°C	°C	°C	%	%	mbs.	°C
1	1015·7	+ 2·9	24·7	18·0	6·7	21·0	− 0·4	3·8	14·7	− 1·6	67	− 6	16·7	13·5
2	1013·4	+ 0·7	24·6	18·0	6·6	21·0	− 0·4	4·0	14·2	− 2·1	65	− 8	16·2	12·7
3	1010·6	− 2·1	23·4	17·1	6·3	19·9	− 1·6	3·3	14·2	− 2·2	70	− 3	16·2	14·5
4	1010·5	− 2·1	25·6	18·1	7·5	21·5	0.0	4·6	13.5	− 2.9	60	− 13	15·5	14·4
5	1011·1	− 1.4	27·4	14·0	13·4	20·4	− 1·2	1·9	17·4	+ 1·0	82	+ 9	19·9	10·4
6	1012·0	− 0·5	26·6	12·0	14·6	19·0	− 2·6	3·2	13·5	− 2·9	70	− 3	15·5	9·0
7	1012·7	+ 0·3	26·7	17·2	9·5	21·6	− 0·1	4·3	14·3	− 2.2	64	− 9	16·3	12·5
8	1012·8	+ 0·5	25·8	13·8	12·0	19·5	− 2·2	2·7	15·0	− 1·5	75	+ 2	17·1	10.2
9	1012·2	0·0	26·3	15·0	11·3	20·3	− 1·5	0·7	19·2	+ 2·6	93	+ 20	22·2	11·5
10	1012·0	− 0·1	27·2	18·1	9·1	22·3	+ 0·5	3·3	16·9	+ 0·3	72	− 1	19·2	14·6
11	1012·3	+ 0·3	27·6	19·6	8·0	22·8	+ 1·0	2·5	18·5	+ 1·2	78	+ 6	21·7	14·2
12	1012·1	+ 0·1	26·7	19·9	6·8	23·0	+ 1·1	2·8	18·6	+ 1·9	76	+ 4	21·4	15·5
13	1011·9	0·0	26·7	19·1	7·6	22·6	+ 0·7	3·8	16·5	− 0·2	68	− 4	18·8	15·6
14	1011·6	− 0·2	26·2	19·6	6·6	22·6	+ 0·6	3·7	16·6	− 0·2	69	− 3	18·9	15·2
15	1012·4	+ 0·7	26·6	20·0	6·6	23·0	+ 1·0	4·0	16·5	− 0·3	67	− 5	18·8	15·0
16	1011·3	− 0·3	27·0	20·2	6·8	23·3	+ 1·2	3·1	18·4	+ 1·5	74	+ 2	21·2	15·3
17	1009·3	− 2·2	26·4	20·0	5·8	23·2	+ 1·1	3·6	17·4	+ 0·5	70	− 2	19·9	18·3
18	1007·7	− 3·7	27·7	18·6	9·1	22·8	+ 0·6	3·2	17·7	+ 0·7	73	+ 1	20·3	12·5
19	1007·3	− 4·1	25·9	20·5	5·4	22·9	+ 0·7	1·6	20·4	+ 3·4	86	+ 14	24·0	18·0
20	1008·1	− 3·2	26·5	19·3	7·2	22·6	+ 0·3	2·6	18·4	+ 1·4	78	+ 6	21·2	18·0
21	1008·9	− 2·4	26·0	20·0	6·0	22·7	+ 0·4	3·6	16·8	− 0·3	70	− 2	19·1	16·4
22	1008·9	− 2·3	26·6	19·2	7·4	22·6	+ 0·2	2·6	18·4	+ 1·2	78	+ 6	21.2	15·0
23	1008·4	− 2·7	27·3	19·8	7·5	22·7	+ 0·2	3·9	16·4	− 1·0	69	− 3	18·7	16·6
24	1008·7	− 2·4	26·3	19·2	7·1	22·4	− 0·1	3·2	17·2	− 0·1	72	0	19·6	15·6
25	1010·3	− 0·7	26·4	20·2	6·2	23·0	+ 0·4	4·2	16·1	− 1·2	65	− 7	18·3	15·5
26	1011·4	+ 0·5	25·4	18·6	6·8	21·7	− 0·9	3·4	16·1	− 1·3	71	− 1	18·3	12·9
27	1011·2	+ 0·4	27·0	18·5	8·5	22·4	− 0·3	2·7	18·0	+ 0·6	77	+ 5	20·6	13·5
28	1009·3	− 1·4	26·4	19·9	6.5	22·8	+ 0·1	3·9	16·5	− 1·0	68	− 4	18·8	17·5
29	1008·9	− 1·8	27·0	19·0	8·0	22·7	− 0·1	3·6	16·9	− 0·6	70	− 2	19·2	15·5
30	1010·6	0·0	26·5	18·6	7·9	22·2	− 0·6	2·7	17·8	+ 0·3	77	+ 5	20·4	15·9
31	1010·7	+ 0·1	27·6	19·6	8·0	23·3	+ 0·4	2·1	20·1	+ 2·6	82	+ 10	23·5	13·5
Mean	1010·8	−0·9	26·4	18·4	8·0	22·1	0·0	3·2	16·8	− 0·1	72·8	+ 0·5	19·3	14·5
Aver.	1011·7	—	26·8	18·0	8·8	22·1	—	3·3	16·9	—	72.3	—	19·2	14·9
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14

GENERAL WEATHER CONDITIONS DURING THE MONTH OF OCTOBER, 1950

A tropical depression formed on the 17th about 200 miles South of Diego Garcia. It moved West-South-West and then drifted West and finally West-North-West before filling up near Agalega by the 25th.

Rainfall was about half normal in the West and Centre of Mauritius and about normal in the remaining districts.

Table VII *contd.*—Daily Results of Meteorological Observations made during the month of October, 1950

Month and Day 1950	Rainfall: Amount recorded by the Dines Pluviograph	Rainfall: Duration	Amount of Evaporation	Duration of Bright Sunshine	Percentage of Possible Sunshine	Observed Wind Velocity: Mean	Observed Wind Velocity: Excess above Average	Temperature of the Soil: 10 Feet	5 Feet	2 Feet	12 Inches
OCTOBER	mms.	min.	mm.	hrs.	%	m.p.s.	m.p.s.	°C.	°C.	°C.	°C.
1	0·7	35	6·7	9·6	79	5·3	+ 1·7	23·6	23·1	22·4	23·5
2	0·0	—	6·9	4·7	38	3·4	— 0·2	23·7	23·1	22·4	23·5
3	0·0	—	5·1	0·1	1	2·0	— 1·6	23·9	23·0	22·5	23·5
4	0·0	—	4·8	7·1	58	2·2	— 1·4	23·9	23·1	22·5	23·3
5	0·0	—	5·6	8·7	71	2·2	— 1·4	23·9	23·1	22·5	23·4
6	0·0	—	5·6	11·3	92	2·3	— 1·3	23·9	23·1	22·6	23·4
7	0·0	—	6·9	10·9	89	2·3	— 1·2	23·9	23·1	22.6	24·0
8	0·0	—	7·6	11·3	92	2·8	— 0·7	23·9	23·1	22·7	23·7
9	5·5	115	6·5	7·2	58	2·3	— 1·2	23·9	23·1	22·7	23·8
10	0·0	—	4·3	7·9	64	2·7	— 0·8	23·6	23·2	22·8	24·3
11	0·0	—	6·0	10·1	81	3·3	— 0·2	23·9	23·1	22·3	24·4
12	0·0	—	5.6	8·8	71	4·0	+ 0·5	23·9	23·1	23·1	24·7
13	0·0	—	5·6	11·2	90	4·6	+ 1·1	23·9	23·2	23·1	24·7
14	0·0	—	7·5	9·0	72	4·9	+ 1·4	23·9	23·2	23·2	24·7
15	0·1	5	7·7	10·9	87	5·0	+ 1·5	23·9	23·2	23·3	24·9
16	0·3	10	7·0	10·2	82	5·0	+ 1·6	23·9	23·2	23·4	25·2
17	0·9	30	7·4	10.5	84	4·9	+ 1·5	23·9	23·2	23·5	25·1
18	0·1	10	7·8	10·0	80	3·3	— 0·1	23·6	23·1	23·5	25·1
19	26·4	830	4·5	0·9	7	3·9	+ 0·5	23·9	23·1	23·6	25·5
20	0·9	70	5·6	10·4	82	5.2	+ 1·8	23·9	23·0	23·6	24·9
21	0·0	—	7·0	11·8	94	5·3	+ 1·9	23·9	23·1	23·6	25·3
22	0·3	10	5·8	11·1	88	4·3	+ 0·9	23·9	23·2	23·7	25·4
23	0.0	—	7·1	11·6	92	3·8	+ 0·4	23·9	23·3	23·7	25·5
24	0·8	35	7·3	10·9	86	3·8	+ 0·4	23·6	23·5	23·8	25·4
25	0·1	15	4·9	11·8	93	4·0	+ 0·6	23·9	23·2	23·9	25·0
26	0·0	—	6·0	8·0	63	4·0	+ 0·6	23·9	23·2	24·0	25·7
27	0·0	—	6·9	10·0	79	3·4	0·0	23·9	23·2	24·0	25·4
28	0·7	40	6·7	3·9	31	4·1	+ 0·7	23·9	23·2	24·3	25·7
29	0·0	—	7·0	8.5	67	3·6	+ 0·2	23·9	23·1	24·0	25·6
30	0·0	—	6·6	5·3	42	3·0	— 0·4	23·9	23·1	24·1	25·5
31	0·0	—	5·6	3·3	26	2·8	— 0·6	23·9	23.2	24·0	25·2
Mean	Sum 36·8	Sum 1205	6·3	8·61	69·0	3·67	— 0·20	23·85	23·15	23·26	24·72
Average	40·4	770	5·9	8·18	65·5	3·47	—	—	—	—	—
Column	15	16	17	18	19	20	21	22	23	24	25

MEANS AND EXTREMES OF CERTAIN METEOROLOGICAL ELEMENTS DURING THE MONTH OF OCTOBER, 1950

Element	*Highest*			*Date*	*Lowest*			*Date*
Atmospheric Pressure	1017·0mbs	at	09.00 hrs.	on 1st	1005·8 mbs	at 15·00 & 16·00 hrs.		on 18th
Temperature of the Air	27·7°C	,,	—	,, 18th	12·0°C	,,	—	,, 6th
Daily range of temperature of the Air	14·6°C	,,	—	,, 6th	5·4°C	,,	—	,, 19th
Temperature of the Dew Point ...	20·4°C	,,	—	,, 19th	13·5°C	,,	—	,, 4th & 6th
Daily range of temperature of the Dew Point	—	,,	—	,, —	—	,,	—	,, —
Minimum on Grass	—	,,	—	,, —	9·0°C	,,	—	,, 6th
Relative Humidity	93%	,,	—	,, 9th	60%	,,	—	,, 4th
Vapour Pressure	24·0mbs	,,	—	,, 19th	15·5mbs	,,	—	,, 4th & 6th
Evaporation in 24 hours	7·8mms	,,		,, 18th	4·3mms	,,	—	,, 10th
Wind Velocity	8·2mps	,,	12·00 hrs.	,, 1st	—	,,	—	,, —
Rainfall in 24 hours	26·8mms	ending	01 00 hr.	,, 20th	—	,,	—	,, —
Duration of Sunshine	11·8hrs.		—	,, 21st & 25th	0·1 hr.	,,	—	,, 3rd

NUMBER OF DAYS OF

Rainfall: mms. 0.1—0·9	mms. 1·0—4·9	mms. 5·0—9·9	mms. 10·0—24·9	mms. 25·0—39·9	mms. 40·0—54·9	mms. 55·0 & over	Lightning	Thunderstorm
10	—	1	—	1	—	—	—	—

Table VIII.—Barogram

OCTOBER 1950

Day / Hour	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day / Hour
The initial 10 or 9 is omitted. The unit in the table is 0·1 millibar.																	
Midnight	166	158	123	105	115	118	128	134	138	138	132	131	130	126	125	131	Midnight
1h	161	156	118	101	112	116	123	130	134	121	127	127	126	123	118	125	1
2	157	150	112	098	110	113	122	126	126	117	118	121	119	119	117	121	2
3	156	146	108	098	106	111	120	123	125	114	118	118	118	113	112	117	3
4	154	144	108	098	106	112	121	122	122	113	118	116	116	113	112	111	4
5	157	146	108	102	111	118	122	123	122	117	118	117	118	113	114	111	5
6	160	150	108	105	118	123	125	130	124	123	121	118	118	118	118	114	6
7	163	148	110	110	118	131	130	135	125	128	125	126	121	119	122	118	7
8	166	153	112	112	121	134	134	137	125	133	132	131	125	122	126	119	8
9	170	151	112	112	120	132	133	138	128	133	133	132	127	123	130	121	9
10	168	143	111	110	118	128	127	130	127	130	131	130	125	121	129	119	10
11	158	138	106	104	113	122	125	133	125	123	128	129	123	118	122	116	11
Noon	151	133	101	101	108	118	129	125	119	117	123	121	118	112	118	112	Noon
13h	146	123	097	098	101	112	124	118	112	108	118	117	114	108	130	104	13h
14	141	118	094	096	098	104	118	117	110	104	113	107	106	099	124	099	14
15	142	114	091	094	096	098	114	110	105	101	109	105	103	098	122	096	15
16	141	112	091	095	095	100	111	111	103	099	108	102	103	101	124	097	16
17	145	113	093	089	098	108	117	116	108	104	111	105	105	104	131	098	17
18	151	117	097	105	105	116	122	118	112	113	118	112	110	111	125	105	18
19	157	122	103	112	113	122	132	132	118	119	124	118	114	117	123	113	19
20	160	126	104	118	118	129	137	137	127	128	131	125	123	124	129	118	20
21	166	130	110	122	123	133	141	138	131	133	135	127	128	129	132	119	21
22	167	126	113	121	121	133	140	141	133	136	137	131	131	130	134	120	22
23	162	126	111	118	119	131	138	141	132	134	133	131	131	128	133	119	23

OCTOBER 1950—*continued*

Day / Hour	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean.	Day / Hour
The initial 10 or 9 is omitted. The unit in the table is 0·1 millibar.																	
Midnight	114	088	077	078	093	103	096	090	101	124	122	118	096	105	117	1011·6	Midnight
1h	110	087	072	071	088	096	089	090	098	118	118	111	090	103	113	1011·2	1
2	103	086	069	066	083	091	082	085	091	111	110	104	092	097	107	1010·7	2
3	099	080	066	063	082	085	081	079	088	106	108	100	078	097	105	1010·4	3
4	098	080	062	064	078	083	081	078	086	104	107	097	080	098	106	1010·3	4
5	098	083	064	066	084	084	083	078	092	108	111	099	083	098	106	1010·5	5
6	098	085	071	076	088	086	087	084	103	111	114	101	085	104	111	1010·9	6
7	101	088	075	083	093	091	095	085	103	116	119	104	090	109	116	1011·3	7
8	101	090	077	086	093	098	098	088	105	116	120	105	093	111	117	1011·6	8
9	099	090	079	087	094	100	098	091	106	121	124	106	093	112	118	1011·7	9
10	098	081	078	084	091	101	093	090	108	119	123	094	098	110	114	1011·4	10
11	094	073	078	081	082	097	088	085	104	118	118	090	092	106	110	1011·0	11
Noon	092	067	076	078	079	086	083	083	099	114	113	085	088	103	105	1010·5	Noon
13	086	064	069	073	078	079	078	077	097	112	108	078	081	096	102	1010·1	13h
14	078	059	063	070	077	072	072	075	093	104	103	074	074	093	098	1009·5	14
15	078	058	062	070	074	066	065	072	090	101	098	072	072	094	095	1009·2	15
16	074	058	062	068	074	066	062	071	090	102	098	071	073	098	097	1009·2	16
17	077	062	068	073	080	073	062	077	094	104	098	074	078	110	097	1009·5	17
18	082	067	072	084	090	082	070	083	103	111	103	078	087	114	103	1010·2	18
19	087	074	076	096	097	090	068	092	112	116	108	086	094	118	108	1010·8	19
20	094	078	081	102	104	097	089	099	118	120	113	093	100	121	112	1011·5	20
21	097	082	087	106	110	104	095	105	126	126	118	095	105	122	112	1011·9	21
22	096	083	086	105	112	104	098	107	131	129	119	098	107	121	110	1012·0	22
23	095	081	085	102	106	103	098	105	129	126	118	098	106	119	106	1011·8	23

Table IX—Duration of Bright Sunshine at the Aerological Station, Vacoas by the Campbell Stokes Sunshine Recorder

OCTOBER 1950

Day / Hour Ending	d 1	d 2	d 3	d 4	d 5	d 6	d 7	d 8	d 9	d 10	d 11	d 12	d 13	d 14	d 15	d 16	d 17	d 18	d 19	d 20	d 21	d 22	d 23	d 24	d 25	d 26	d 27	d 28	d 29	d 30	d 31	Total Hours
	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m	m.	m.	m.	m.	m.	m.	
6h	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0·0
7	11	0	0	10	12	50	48	37	48	0	5	43	36	28	11	4	4	8	0	23	22	7	45	39	40	13	31	0	33	0	4	10·2
8	40	6	0	55	58	60	60	60	60	34	21	57	60	60	41	38	28	15	1	42	60	24	60	60	58	60	60	17	60	0	60	21·9
9	60	5	0	60	60	60	60	60	60	60	60	60	60	60	60	60	41	47	50	60	60	22	60	60	60	53	60	38	60	21	60	26·6
10	27	4	0	46	49	60	60	60	34	60	60	48	60	60	60	60	45	60	35	60	60	35	60	60	60	51	60	28	60	30	60	25·2
11	47	26	0	41	60	60	60	60	50	60	60	60	60	60	60	60	42	60	14	60	60	31	60	60	43	50	12	60	60	43	60	25·7
Noon	55	3	0	49	50	60	60	60	45	60	60	32	60	60	55	60	46	60	22	60	60	23	60	60	30	60	0	22	60	53	60	24·1
13	60	0	0	6	37	60	51	60	15	38	60	53	60	60	60	60	18	57	0	60	60	60	60	60	60	60	2	11	16	43	60	21·8
14	60	7	0	18	54	60	0	60	11	60	25	55	60	48	60	55	46	60	0	60	60	60	60	60	60	32	60	32	0	0	60	21·4
15	60	0	0	40	17	33	0	60	15	60	60	60	60	33	60	47	12	60	0	60	60	60	60	60	60	41	42	7	25	5	60	20·3
16	60	4	0	60	60	37	2	7	0	60	60	25	60	2	60	55	39	60	0	60	60	60	60	60	60	14	0	0	2	17	60	18·4
17	55	20	0	40	60	60	28	8	0	60	60	5	60	8	45	24	60	55	0	60	60	60	60	60	60	1	25	0	5	0	60	18·3
18	24	0	0	18	49	55	52	13	0	53	36	6	42	7	5	1	42	33	0	55	35	38	40	58	60	0	20	0	0	25	60	13·8
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	0	0	0	0	0	0	1	0	0	0	0	0	7	0·5

The Total Amount of Registered Sunshine was 248·2 hrs. and the total possible Sunshine was 387·4 hrs.

Table X.—Duration of Bright Sunshine at the Royal Alfred Observatory by the Campbell Stokes Sunshine Recorder

OCTOBER 1950

Day / Hour Ending	d 1	d 2	d 3	d 4	d 5	d 6	d 7	d 8	d 9	d 10	d 11	d 12	d 13	d 14	d 15	d 16	d 17	d 18	d 19	d 20	d 21	d 22	d 23	d 24	d 25	d 26	d 27	d 28	d 29	d 30	d 31	Total Hours
	m.	m.	m.	m.	m.	m.	m.	m	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	
6h	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0·2
7	0	0	0	0	20	50	50	50	52	35	36	50	50	59	33	21	0	24	1	25	52	44	50	27	55	60	55	0	33	32	0	16·1
8	24	0	0	25	45	60	60	60	60	45	45	60	55	60	50	60	48	60	11	38	60	50	60	60	60	60	60	3	60	55	42	23·9
9	45	17	0	50	44	60	60	60	60	60	60	60	55	60	50	60	60	60	3	29	60	60	60	60	60	55	60	10	60	45	14	25·0
10	50	15	0	55	55	60	60	60	60	60	60	25	50	60	50	60	60	60	12	60	60	55	60	60	60	30	60	4	60	55	28	25·1
11	60	5	0	60	58	60	60	60	50	60	60	25	60	60	60	60	60	60	2	60	60	48	60	60	60	8	60	25	60	22	25	24·5
Noon	54	55	0	48	60	60	40	60	55	60	60	27	60	60	60	60	60	60	8	60	60	60	60	60	60	30	60	45	60	32	40	26·2
13h	60	23	4	60	60	60	60	60	58	60	60	44	60	50	60	60	48	60	15	60	60	60	60	60	60	32	50	26	58	15	41	25·7
14	60	40	0	50	2	60	60	60	18	38	60	30	60	60	60	40	60	60	0	60	60	60	60	60	60	16	60	45	60	50	1	23·8
15	60	56	0	11	10	60	60	60	0	10	30	60	60	31	60	60	60	60	0	60	60	60	60	60	60	42	60	45	26	10	0	21·5
16	60	19	0	34	57	60	60	60	0	8	36	60	60	10	60	60	60	50	0	60	60	60	60	60	60	45	54	28	19	1	0	21·0
17	60	47	0	35	60	60	60	60	8	17	50	50	60	7	60	36	60	44	0	60	60	60	60	50	60	36	16	3	16	1	4	20·0
18	45	7	0	0	50	25	27	25	10	4	50	36	42	22	50	38	55	2	0	50	58	47	46	40	50	55	4	0	0	1	0	14·0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0·0

The Total Amount of Registered Sunshine was 267·0 hrs. and the total possible sunshine was 387·4 hrs.

Table XI.—Direction and Velocity of the Wind at every Hour of the Day as recorded by the Robinson Cup Anemometer during October, 1950

The directions are given in points and the values indicate the direction from which the wind blows counting from North 32, East 8, South 16 and West 24

The Velocities are given in Metres per Second, using the factor 2·2

*(The days on which the Normal Trade-Winds are interrupted are indicated by an asterisk *).*

OCTOBER 1950

Day	1d.		2d		3d. *		4d. *		5d. *		6d. *		7d. *		8d.		9d. *		10d. *		11d.		12d.		13d.		14d.		15d.		16d.	
Hour	Dir.	Vel.	Dir.	Vel.	Dir	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel	Dir.	Vel.	Dir.	Vel.	Dir.	Vel
Midnight	10	3·3	08	3·2	12	2·9	12	1·1	13	2·3	12	1·8	12	1·8	11	1·1	12	1·2	11	1·8	12	1·7	10	2·4	10	3·9	11	3·0	10	3·7	10	3·2
1h	10	3·1	08	2·3	12	2·1	16	1·1	13	1·5	14	2·0	12	2·3	11	1·6	12	1·8	11	1·8	12	1·2	10	2·4	10	2·5	11	3·6	11	3·2	10	2·7
2	11	4·2	08	3·2	12	2·1	16	1·9	13	1·4	14	1.9	12	2·9	12	1·8	12	2·6	11	1·9	12	2·8	10	2·1	11	4·3	11	3·3	11	3·4	10	2·6
3	09	4·0	08	2·3	12	1·9	14	3·6	13	1·9	14	2·1	12	2·6	12	2·0	12	2.2	11	1·9	11	2·5	10	2·5	10	2·7	10	3·4	10	3·7	10	3·4
4	10	4·1	08	2·3	12	1·9	14	1·7	13	1·8	14	2·1	12	2·4	12	1·8	12	1·8	11	2·2	11	2·2	10	2·5	11	3·5	10	3·6	08	3·8	11	3·3
5	08	4·4	08	3·2	12	1·5	14	2·9	13	1·4	14	2·8	12	2·3	12	1·6	12	2·3	12	2·3	11	2·6	11	2·9	11	2·9	10	3·0	09	4·1	10	3·4
6	08	5·1	07	1·1	12	2·1	14	2·4	13	1·8	14	2·2	12	2·1	12	1·4	12	2·1	12	2·5	10	2·3	11	2·9	11	3·7	11	3·8	09	3·0	10	4·1
7	08	4·7	08	1·5	12	1·7	16	1·1	13	1·3	14	1·5	12	1·6	12	2·1	12	1·7	12	2·6	10	2·6	12	3·3	10	5·4	10	4·2	09	4·5	10	4·6
8	10	6 5	07	4·5	12	2·3	14	1·3	13	0·7	14	1·3	12	2·1	10	3·3	10	3·1	10	3·6	10	4·0	10	4·4	11	5·8	10	6·9	09	6·2	10	5·9
9	10	8.0	07	4·9	10	2·6	10	2·8	d24	1·4	14	1·3	08	2·1	10	4·3	10	3·4	10	4·5	10	4·0	08	4·9	10	6·2	10	7·0	09	6·2	10	5·9
10	08	7·6	07	5·4	07	2·4	07	1·8	24	2·6	r26	2·2	06	2·8	08	4·0	10	2·9	09	4·0	10	5·4	08	4·3	11	7·5	08	7·0	08	6·6	09	6·3
11	09	7·9	08	6·0	10	3·0	10	2·2	28	3·2	22	3·2	06	2·7	07	5·0	d24	3·0	09	3·8	08	5·0	11	4·9	10	7·3	08	7·4	08	8·0	08	7·5
Noon	09	8·2	08	5·4	06	2·5	r28	3·8	31	3·5	28	3·6	r26	4·2	06	4·4	22	4·0	08	3·9	12	4·2	06	4·4	10	5·8	07	5·3	09	6·7	10	5·7
13h	09	7·0	07	4·7	d18	2·8	26	3·6	02	4·3	28	3·5	25	3·2	07	5·0	24	3·6	11	2·4	08	4·1	09	5·2	11	6·6	10	5·4	09	7·1	10	6·8
14	09	6·7	09	3·3	24	2·5	23	2·8	02	3·7	30	3·1	21	2·1	07	3·9	21	1·3	07	1·7	11	4·9	09	5·2	09	6·2	11	6·5	08	6·7	08	6·0
15	09	6 3	06	6·0	24	2·1	27	2·5	32	3·3	28	2·8	24	4·2	09	4·2	d31	1·7	d18	2·4	10	4·4	09	5·5	11	6·3	10	6·5	08	6·7	11	6·4
16	09	6·7	08	3·8	25	1·7	27	2·0	30	3·5	26	3·0	22	3·7	10	3·4	04	1·9	10	4·4	16	5·0	10	5·7	11	6·2	09	6·2	09	6·0	09	6·2
17	09	5·8	10	3·8	d06	2·0	22	3·1	r07	2·4	26	2·5	16	1·4	12	3·3	07	2·5	10	3·1	11	4·4	10	5·2	09	5·9	09	5·7	09	4·9	09	5·7
18	09	4·1	10	3 3	06	1·6	22	2·5	r29	2·8	22	1·1	r05	2·1	10	3·9	06	2·2	12	3·1	09	3·5	10	4·4	10	4·6	11	5·1	09	5·3	08	5·4
19	09	4·5	10	2·1	06	1·4	22	1·8	30	1·4	22	1·5	11	2·2	10	2·4	08	2·0	12	3·0	10	2·5	10	2·7	10	2·4	10	4·3	10	4·3	08	4·9
20	09	4·3	10	1 9	07	1·3	22	1·1	d12	1·9	r12	2·1	12	1·7	10	1·8	09	1·8	12	2·2	10	1·7	10	3·6	11	2·4	10	4·4	10	4·5	08	4·9
21	09	3·7	10	1·7	12	1·5	r14	1·8	12	1·8	12	2·0	12	1·2	10	1·3	10	1·7	12	1·4	10	2·4	09	4·7	10	2·3	10	4·6	09	3·9	08	4·9
22	08	3·2	12	2·9	12	0·9	13	1·6	12	1·6	12	2·0	11	1·2	10	1·4	10	1·6	12	1·9	10	3·0	10	4·3	11	2·5	10	4·3	09	4·0	08	4·8
23	08	3·7	12	2·5	12	1·2	13	1·4	12	1·2	12	2·2	12	1·2	12	2·1	10	1·5	12	2·1	10	3·1	10	4·3	11	3·2	10	3·6	10	4·0	08	5·0

OCTOBER 1950—*continued*

Day	17d.		18d.		19d.		20d.		21d.		22d.		23d.		24d.		25d.		26d.		27d.		28d.		29d.		30d.		31d.		Mean
Hour	Dir.	Vel	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Velocity
Midnight	08	4·5	09	1·6	13	1·3	10	3·8	11	4·3	10	2 1	10	2·8	10	2·3	08	2·9	07	2·3	08	2·2	10	2·7	10	2·9	09	3·1	10	3·2	2·6
1h	08	4·2	09	1·2	12	1·3	11	2·8	11	4·1	10	2 3	10	2·9	10	2·1	08	3·1	08	2·8	08	2·7	10	2·2	10	2·8	09	2·2	11	2·4	2·4
2	08	4·8	09	1·8	12	0·7	11	2·4	11	4·1	10	2·7	10	2·3	10	2·7	08	3·6	08	1·9	09	2·8	10	2·5	10	2·8	09	3·0	11	2·4	2·7
3	09	4·3	09	1·9	12	1·1	12	3·2	11	4·1	10	2·1	10	2·8	10	2·3	08	4·1	07	1·9	10	2·1	10	3·2	10	2·7	09	1·8	11	1·9	2·7
4	09	4·3	09	2·6	12	1·8	12	3·6	11	4·6	11	3·9	10	2·2	10	2·4	08	4·0	07	1·5	10	2·2	11	4·0	10	3·3	09	1·8	11	1·4	2·7
5	09	4·4	10	2·4	10	2·7	11	4·5	11	4·1	11	3·5	10	3·5	10	2·9	08	3·9	07	0·8	10	2·0	11	2·6	10	2·7	09	2·4	11	2·1	2·8
6	10	4·5	10	2·9	11	3·7	11	3·6	10	5·0	12	3·7	10	2·2	10	3·4	08	3·5	07	1·5	10	2.4	11	2·1	10	2·8	09	1·5	11	2·7	2·8
7	08	5·1	10	2·9	10	4·0	10	5·5	09	5·9	11	4·7	10	2·8	08	4·2	08	5·1	08	2·8	10	3·0	09	2·4	10	3·2	10	2·0	12	1·9	3·2
8	08	5·4	10	4·3	10	4·5	10	6·3	09	6·8	10	5·2	10	4·4	10	4·9	08	5·1	08	5·8	10	5·3	08	4·1	09	3·7	07	3.1	11	4·1	4·4
9	08	6·2	08	4·8	10	5·2	10	5·5	10	7·5	10	4·7	10	4·9	09	5·6	08	4·5	08	6·3	10	4·4	08	6·8	08	4·4	09	3·7	11	4·6	4·8
10	08	5·9	08	4·7	10	6·2	09	7·0	12	7·5	09	6·0	10	5 6	09	5·2	08	6·4	08	7·2	07	4·3	09	5·5	06	4·2	07	4·3	12	4·3	5·1
11	08	7·5	08	5·5	10	5·3	11	7·4	10	7·7	08	5·6	10	4·8	06	5·0	09	5·6	07	5·8	08	5·1	09	6·6	07	4·5	08	4·6	10	4·3	5·3
Noon	07	5·7	07	5·0	10	5·1	10	7·4	11	7·8	07	4·9	08	5·6	07	5·1	11	5·9	07	7·2	09	5·0	08	5·9	06	4·3	07	4·3	10	4·1	5·1
13h	07	6·3	10	4·6	09	5·8	11	7·4	11	6·8	08	6·4	08	5·3	08	5·2	07	5·7	07	6·7	06	5·2	06	5·7	06	5·4	08	4·4	11	2·5	5·1
14	08	6·4	10	4·8	10	5·3	11	7·7	09	6·9	08	5·5	10	6·4	08	5·2	09	5·6	07	6·7	08	3·4	10	6·4	07	5·0	11	4·1	d22	1·5	4·8
15	08	5·6	10	4·9	11	6·3	10	7·4	12	6·5	09	6·0	10	6·7	08	4·9	09	6·0	07	5·8	08	4·6	09	5·4	07	4·5	07	2·9	19	1·8	4·9
16	08	6·1	12	4·8	09	4·9	12	7·0	12	6·2	09	5·6	08	5·9	07	5·2	06	5·4	07	4·9	07	4·6	09	5·5	07	4·7	08	3·6	r08	4·7	4·8
17	09	6·1	12	4·0	08	4·2	10	6·7	10	5·6	09	5·2	08	5·3	06	4·2	06	4·1	07	3·5	09	3·3	09	4·1	07	4·0	08	3·4	10	3·3	4·1
18	08	4·8	10	4·0	10	4·4	11	5·5	10	4·7	08	5·6	10	3·9	08	3·8	06	3·7	07	4·4	09	3·1	09	4·6	09	4·2	08	2·9	10	2·9	3.8
19	08	4·1	12	2·6	10	4·1	11	4·2	11	4·7	09	3·9	11	2·3	10	2·8	06	1·9	07	4·0	08	3·5	10	4·0	09	2·9	08	3·0	10	2·1	3·0
20	10	4·1	11	2·3	10	4·9	10	3·7	11	3·9	08	3·8	11	1 8	09	2·8	06	1·1	08	4·0	09	3·2	10	3·0	09	2·3	08	3·6	10	2·0	2·8
21	09	3·2	11	2·1	10	4·7	11	3·8	11	3·3	10	2.9	11	2·7	08	3·5	06	1·1	08	2·6	10	2·8	10	2·5	09	2·7	10	2·8	11	2·0	2·7
22	09	3·8	13	1·9	09	4·4	10	4·3	11	2·9	10	2·9	10	2·5	08	2·5	07	1·5	08	2·4	10	2·3	10	3·0	09	2·9	10	2·4	10	2·8	2·7
23	09	2·5	14	1·1	10	3·7	10	4·1	11	2·7	11	2·9	10	2·1	08	2·7	07	1·9	08	2·8	10	2·9	10	3·3	09	3·0	10	3·0	11	2·4	2·7

Table XII.—Wind Frequency (Number of Observations) October, 1950

Hour	Force (0–12)			Direction															
	8 or above	4 to 7	0 to 3	N.	N.N.E.	N.E.	E.N.E.	E.	E.S.E.	S.E.	S.S.E.	S.	S.S.W.	S.W.	W.S.W.	W.	W.N.W.	N.W.	N.N.W
3	...	...	31	...	...	...	...	7	11	11	2	...	...	...	...	...	...	...	...
9	..	11	20	...	...	...	...	12	16	1	1	...	...	...	...	1	..	...	...
15	...	15	16	2	...	...	1	13	5	4	...	...	1	1	...	2	...	2	...
21	...	...	31	...	,	...	1	8	11	10	1	...	...	...	...	...	...	...	...
Totals	...	...	...	2	...		2	40	43	26	4	...	1	1	...	3	...	2	...

Table XIII—Rainfall at every Hour of the Day at the Royal Alfred Observatory, October, 1950

Day / Hour Ending	1d	2d	3d	4d	5d	6d	7d	8d	9d	10d	11d	12d	13d	14d	15d	16d	17d	18d	19d	20d	21d	22d	23d	24d	25d	26d	27d	28d	29d	30d	31d
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1h	0·1	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	0·4	0.8	..	...	...	...	...	...	...	..	...	...	...
2	...	...	..	...	...	...	...	...	...	.	...	...	...	...	...	...	.	...	2·2	0·1	...	...	...	...	0·1	...		..	...	...	...
3	0·6	...	...	...	...	...	...	...	.	...	..	..	...	...	...	...	...	..	...	...	...	...	...	...	...	..	...	...	...	...	...
4	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	..	0·1		...	..	...	...	...	..	. .	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	0·1	...	..	..	...	...	...	..	..	0.4	..	...	...
6	...	...	..	...	...	...	...	...	...	..		...	..	...	...	..	0·4	..	...	...	...	..	...	...	..	..	...	0·2	...	...	...
7	...	...	..	...	...	...	...	...	...	...	..	..	...	...	...	..	0·4	..	..	..	...	...	...	...	...	..	...	...	...	...	...
8	...	...	.	..	...	...	..	...	...	...		..	.	..	0·1	...	.	...	...	...	...	...	...	...	...	...	...	0·1	...	...	...
9	..	...	...	...	...	...	...	...	...	...	.	..	...	...	...	...	...	..	...	...	...	..	...	...	...	...	...		...	...	...
10	...	.	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...		...	...	...	.	..	...	...
11	...	...	...	...	...	...	..	...	...	...	...	...	...	..	...	...	...	...	0·2	...	...	...	...	...	...	...	...	...	...	...	...
Noon	...	..	...	...	...	..	...	..	...	...	...	...	..	...	...	...	...	...	1·8	...	..	...	...	...	...	...	...	...	...	...	...
13h	...	...	...	...	...	..	...	...	...	...	...	...	..	...	...	...	...	...	2·4	...	...	...	...	...	...	...	...	...	...	...	...
14	..	...	...	...	...	...	...	..	2·3	...	..	..	...	...	...	...	..	..	1·6	...	..	...	...	...	...	...	...	...	...	...	...
15	...	...	...	. .	...	...	...	...	1·3	...	...	...	...	...	...	...	...	...	1·4	...	...	...	...	...	...	...	...	...	...	...	...
16	...	..	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	..	0·7	...	...	...	...	...	...	...	..	..	...	...	...
17	...	..	...	...	...	...	...	...	1·7	...	..	...	...	...	...	...	...	..	1·3	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	..	...	...	0·2	...	.	...	...	...	...	...	...	...	1·1	...	...	...	...	...	...	. .	...	...	...	...	...
19	...	...	...	...	...	. .	...	...	..	...	...	...	...	...	...	0·1	...	...	1.3	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	..	...	...	...	...	...	...	...	..	...	...	0·2	...	...	0·6	...	...	. .	...	...	...	...	...	...	...	...	...
21	...	..	..	..	...	...	...	...	...	..	...	...	...	...	...	..	...	0·1	4·7	...	...	...	...	0·5	..	...	...	..	.	. .	...
22	...		...	...	...	...	...	...	.	...	...	...	...	...	...	...	...	..	2·9		...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	..	...	...	...	...	...	.	..	...	...	...	...	...	...	...	3·1	...	...	0·3	...	0.3	...	...	...	...	...	...	...
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	0·6	...	...	...	...	...	...	...	...	...	...	...	...

Table XIV.—Rainfall at every Hour of the Day at the Aerological Station, Vacoas, for October, 1950

Day / Hour	1d	2d	3d	4d	5d	6d	7d	8d	9d	10d	11d	12d	13d	14d	15d	16d	17d	18d	19d	20d	21d	22d	23d	24d	25d	26d	27d	28d	29d	30d	31d
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1h	...	...	...	...	...	...	...		..	0·8	...	...	...	...	...	...	0·2	...	0·4	...	...	...	...	...	0·1	...	...	...	...	...	...
2	...	...	.	...	...	...	...	...	...	...	...	...	...	...	...	...	. .	...	3·6	...	...	0·1	...	..	...	...	...	..	...	...	...
3	...	..	...	..	...	..	...	...	...	...	...	...	...	...	.	..	...	...	0·2	. .	...	...	...	..	...	..	...	...	...	...	0·2
4	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	...	...	...	...	...	...	...	...	..	..	...	0·3
5	. .	..	...	...	...	...	...	...	...	. .	0·1	...	..	...	..	..	..	...	0·1	...	0·2	0·2	...	...	...	...	.	..	...	...	0·8
6	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	0·1	...	...	...	...	...	...	...	...	...		...	...	...	0·2
7	...	...	...	...	...	...	...	...	...	...	0·1	...	...	...	...	...	0·1	...	0·8	...	...	. .	...	...	...	...	...	0·5	...	...	...
8	..	...	..	...	..	...	...	...	...	0·1	...	...	...	...	...	...	...	...	0·2	...	...	...	...	...	...	...	...	...	...	...	0·1
9	...	...	...	...	...	...	...	...	...	...	...	.	...	..	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	0·1
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	0·2	...	..	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	...	0·2	...	...	...	...	0·5	. .	...	...	...	...	...	...	...	...	...	...	...	...	...
Noon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...
13h	...		...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	1.0	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·2	...	..	...	...	...	...	..	...	..	...	...	...
15	...	..	...	...	...	...	...	...	0·5	...	...	...	...	. .	...	...	...	...	0·8	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	..	1·8	...	...	...	...	...	...	...	...	...	0·4	...	...	...	...	...	...	...	...	..	...	...	...
17	. .	...	...	...	...	...	...	...	3·8	...	...	...	...	...	...	...	...	...	1·1	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	3·0	...	...	0·1	...	...	...	...	...	...	0·2	...	..	0·1	...	...	...	...	...	...	...	...	...
19	...	...	.	...	...	...	...	..	...	...	..	...	...	...	...	...	..	...	0·3	...	0·1	0·1	...	...	...	...	..	...	...	...	...
20	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·0	...	...	...	...	...	...	...	...	...
21	...	...		..	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	0·1	0·1	...	..	...	...	...	..	...	...	...
22	...	...	...	...	...	...	..	..	...	...	...	...	...	...	...	...	...	0·7	1·0	...	...	...	. .	...	...	...	...	...	...	..	...
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1 8	1·0	...	...	0·1	...	...	...	..	...	...	...	...	...
24	...	...	...	. .	...	...	...	...	0·2	...	...	...	...	...	...	..	...	1·0	..	...	...	...	0·5	...	..	...	...	...	...	...	...

Table XV.—Total Monthly Rainfall at Various Stations in Mauritius according to Districts, October, 1950

Districts	Stations	Approximate Altitude in feet.	Total fall in inches.	Total fall in mms.	Normal in inches.	Number of days
B. River	Albion Ltd. Bambous ...	—	0·19	4·8	—	2
	Anna Ltd., Bambous ...	—	—	—	—	—
	Beau Songe	—	—	—	—	—
	Case Noyale	—	—	—	—	—
	Clarens	—	0.25	6·4	—	3
	Govt. School, Bambous ..	—	0·45	11·3	—	2
	Grande Rivière Noire ..	—	—	—	—	—
	La Ferme	—	0·45	11·4	1·20	5
	La Mecque	—	0·21	5·3	—	3
	Les Rosières	—	0·24	6.1	—	1
	Médine	—	0·53	13·5	—	4
	Mon Desir, Tamarin ...	—	0·25	6·4	—	1
	Palma	—	—	-	—	—
	Palmyre	—	0·21	5·3	—	3
	Petit Verger	—	—	—	—	—
	Pierre Fonds	—	0·64	16·3	1·83	4
	Richelieu	—	0·30	7·6	—	2
	Tamarin	—	0·40	10·2	—	2
Port Louis	Abercrombie Nursery ..	—	1·16	29·4	—	19
	Line Barracks... ..	—	0·28	7·0	—	2
Pimeusses	Beau Plan	—	1·70	43·2	—	2
	Belle Vue (Harel) ...	—	—	—	—	—
	Belle Vue (Maurel) ..	—	1·63	41·4	—	4
	Bois Rouge (de St. Romain)	—	—	—	—	—
	Botanical Gardens ...	325	0.94	23·9	2·09	5
	California	—	3·48	88·4	—	6
	Couroupa	—	—	—	1·86	—
	Fond du Sac (Ramlagan) ...	—	—	—	—	—
	Govt. School, Pl. des Papayes	—	3·16	80·3	—	2
	La Nicolière	—	2·95	74·9	2·07	9
	Montagne Longue ...	—	—	—	—	—
	Mapou	—	—	—	—	—
	Massilia and Balaklava ...	—	—	—	—	—
	Mon Choisy, Grand Bay ...	—	1·81	46·0	—	4
	Mon Mascal, Grand Bay ...	—	2·37	60·2	—	4
	Mont Piton	680	1·15	29·2	2·52	3
	Mon Songe (Mapou) ...	620	2·68	68·1	2·53	6
	Rouge Terre, Fond du Sac ..	—	—	—	—	—
	Solitude	175	1·41	35.8	1·18	1
	Sottise, Mapou	—	1·84	46·7	—	4
	Terre Rouge	—	-	—	—	—
	The Observatory ..	179	1·46	37·1	1·67	9
	Maison Blanche .	—	2·70	68·6	—	3
	Le Souvenir	—	1·25	31·8	—	2
	Pamplemousses Experiment Station	—	2·38	60·5	—	6
	Notre Dame (La Nouvelle Industrie Ltée)	—	1·11	28·2	—	3
Rivière du Rempart	Antoinette	640	2·54	64·5	2.33	6
	Beau Bois, B. Verdiere ...	—	—	—	—	—
	Beau Séjour	300	1·75	44·5	2·49	5
	Bel Etang	—	3·60	91·4	—	10
	Bel Mont	50	1·57	39·9	1·68	3
	Espérance (Harel) ...	—	—	—	—	—
	Esperance (Souchon) ..	—	1·83	46·5	—	8
	Forbach	—	—	—	2·06	—
	Govt. School Grand Bay ...	—	1·98	50·2	—	4
	Haute Rive	—	—	—	—	—
	Ile d'Ambre	—	2·25	57·2	—	3
	Labourdonnais ..	290	1·14	29·0	2·01	2
	L'Amitié	—	—	—	—	—
	Mare Sèche, Grand Bay ...	20	—	—	—	—
	Mon Choix	700	1·10	27·9	2·27	2
	Mon Loisir (Lagesse) ...	—	1·98	50·3	2·28	6
	Mon Loisir (Rouillard ..	—	—	—	—	—
	Mon Tracas (Audibert ...	—	—	—	—	—
	Petit Raffray, Mapou ..	—	—	—	—	—
	Poudre d'Or	20	1·89	48·0	1.74	4
	Ravensworth	—	2·68	68·1	—	4
	Schoenfield	—	—	—	—	—
	St. Antoine	50	1·28	32·5	1·48	3

Districts	Stations	Approximate Altitude in feet.	Total fall in inches.	Total fall in mms.	Normal in inches	Number of days
Flacq	Australia, Pont Praslin ..	—	0·34	8·6	—	2
	Beau Bois, St. Julien ...	—	—	—	—	—
	Beau Champ, G.R.S.E. ...	20	2·65	67·3	2·32	6
	Bel Etang	—	—	—	—	—
	Belle Mare, Argy ...	—	—	—	—	—
	Belle Rive	400	4·47	113·5	5·11	6
	Belle Vue (Allendy) ...	—	2·77	70·4	2·70	4
	Bois Clair	—	—	—	—	—
	Brisée Verdière ...	—	—	—	—	—
	Camp de Masque ...	—	—	—	—	—
	Caroline, Bel Air ...	—	—	—	—	—
	Castel Estate, Bel Air ...	—	—	—	—	—
	Clemencia	—	—	—	—	—
	Constance La Gaieté ...	100	2·31	58·7	2·21	4
	Deep River	—	—	—	—	—
	Etoile	—	4·77	121·2	—	5
	Govt. School Central Flacq	—	1·22	31·0	—	8
	Govt. School, G.R.S.E. ...	—	2·50	63·4	—	4
	Grande Retraite ...	—	2·65	67.3	—	2
	Grosse Roche	—	—	—	—	—
	La Lucie, Bel Air ...	—	—	—	—	—
	Melrose, Montagne Blanche	—	—	—	—	—
	Olivia	400	3·43	87·1	4·15	5
	Palmar	—	—	—	—	—
	Petite Etoile, Bel Air ..	—	—	—	—	—
	Petite Victoria ..	—	—	—	—	—
	Queen Victoria ..	—	3·76	9·55	—	8
	Rich Fund, St. Julien ...	—	2·35	59·7	—	4
	Terres Franches ...	-	3·75	95·3	—	9
	Terres Rocheuses ..	—	3·40	86·4	—	5
	Riviere Seche	—	2·75	69·9	—	4
	Ruisseau Rose	—	—	—	—	—
	Sans Souci	900		87·4	5·51	12
	Sebastopol	—	—	—	—	—
	Trois Ilots	—	2·96	75·2	—	7
	Union Regnard S.E. ..	600	3·94	100·1	2·39	9
	Unite	—	—	—	—	—
	Beau Rivage Estate ..	—	2·75	54·6	—	4
	Bon Accueil	—	3·00	76·2	—	4
	Anse Jonchée	—	—	—	—	—
G. Port	Astroea, Cluny .	—	3·24	82·3	—	14
	Beau Lieu, Union Park ...	—	—	—	—	—
	Beau Vallon (La Cour) ..	—	2·28	57·9	—	5
	,, (Partie Haute) ...	—	3·15	80·0	—	7
	Deux Bras	—	4·73	120·1	—	8
	Eau Bleue, Cluny .	—	—	—	—	—
	Ferney	20	4·30	109·2	3·50	6
	Grand Bois, Rose Belle ...	—	—	—	—	—
	Gungah Frères, New Grove	—	—	—	—	—
	Khoyratty, Escalier ...	—	—	—	—	—
	La Vallée, Cluny .	—	—	—	—	—
	Le Vallon	—	—	—	—	—
	Mare d'Albert... ...	—	—	—	—	—
	Mon Désert Carié ...	75	2·40	61·0	2·80	8
	Mon Trésor	—	2.73	69·3	—	5
	New Grove	650	3·21	81·5	—	12
	Plaisance Airfield ...	160	2·70	68·7	—	15
	Riche-en-Eau	—	4·62	117·3	—	8
	Rose Belle	850	5·47	139·0	6·19	19
	Sauve Terre	—	2·53	64·3	—	7
	Savinia	—	2·18	55·1	—	4
	Ste. Hélène	—	2·43	61·7	—	5
	St. Hubert, Cluny ...	—	7·05	179·1	—	6
	Ste. Madeleine, Cluny ...	—	—	—	—	—
	Union Park	—	—	—	—	—
	Union Vale	—	2·36	59·9	—	5
	La Baraque	—	2·83	71·9	—	6
Savanne	Baie du Cap	—	—	—	—	—
	Beau Bois	—	2·44	62·0	—	10
	Beau Champ, B. du Cap ...	70	0·00	0·0	2·15	—
	Beau Climat	—	4·57	116·1	—	12

Table XV contd.—Total Monthly Rainfall at Various Stations in Mauritius according to Districts, October, 1950

Districts	Stations	Approximate altitude in feet	Total fall in inches	Total fall in mms.	Normal in inches	Number of days
	Bel Air, Montocchio ...	—	—	—	—	—
	Bel Air (St. Félix) ...	—	1·80	45·7	—	3
	Bel Air, Chemin Grenier ...	—	—	—	—	—
	Bel Ombre	40	0·25	6·4	2·22	2
	Bénarès	—	2·05	52·1	—	8
	Bois Chéri Tea Factory ...	—	5·02	127·5	—	18
	Britannia	700	3·41	86·6	4·35	12
	Camp Diable	—	—	—	—	—
	Cascades	—	—	—	—	—
	Chamouny, Chemin Grenier	—	—	—	—	—
	Choisy, Baie du Cap ...	200	0·16	4·1	2·30	2
	Colmar	400	3·49	88·6	3·35	11
	Combo	—	1·83	46·5	—	7
	Fontenelle	320	1·64	41·7	2·92	8
	Frederica	—	0·64	16·3	2·76	2
	Joli Bois: Rivière Dragon ...	—	—	—	—	—
	La Flora	1,050	4·02	102·1	5·28	12
	Chateau	—	2·58	65·5	—	8
	Luchon	—	—	—	—	—
	Martiniere, Souillac ...	—	—	—	—	—
	Plaines Longanes ...	—	—	—	—	—
	Riche Bois	650	2·32	58·9	4·08	11
	Ruxa, R. des Anguilles ...	—	1·95	49·5	—	3
	Savannah	200	1·68	42·7	2·79	8
	St. Aubin	300	1·82	46·2	2·75	7
	St. Avold ...	900	2·61	66·3	4·33	12
	St. Félix	—	1·36	34·5	—	3
	Ste. Marie	—	0·00	0·0	—	—
	Terracine	—	1·19	30·2	—	8
	Tivoli	1,300	2·87	72·9	5·69	12
	Union S.E.	—	1·51	38·4	2·31	7
	Val-Riche	—	—	—	—	—
	R. des Anguilles Estate ...	—	2·00	50·8	—	6
Plaines Wilhems	Aerological Station, Vacoas	1,393	1·28	32·6	2·65	13
	Bagatelle	1,250	0·89	22·6	2·01	6
	Barkly, Beau Bassin ...	—	0·33	8·4	—	3
	Bassin, Quatre Bornes ..	—	0·41	10·4	2·00	3
	Belle Vue (Martin) ...	—	0·22	5·6	—	1
	Chebel	—	0·24	6·1	—	2
	Clermont, Petite Rivière	—	—	—	—	—
	Curepipe Gardens ...	1,840	2·94	74·7	4·64	16
	Ebène	—	0·57	14·5	—	3
	Floréal	—	—	—	—	—
	Gros Cailloux, Pte. Rivière	—	0·35	8·9	—	5
	Henrietta	—	0·52	13·2	—	4
	Highlands	1,000	1·55	39·4	3·25	4
	Crown Land Wootton ...	—	—	—	—	—
	La Marie Filter Beds ...	1,700	1·28	32·5	3·60	9
	Les Rosieres, Pte. Riviere	—	—	—	—	—
	Malgré Tout, Pte. Riviere	—	—	—	—	—

Districts	Stations	Approximate Altitude in feet	Total fall in inches	Total fall in mms.	Normal in inches	Number of days
Plaines Wilhems	Moon	—	0·10	2·5	—	1
	Mare-aux-Vacoas (Arn.) ...	1,830	2.90	73·7	5·79	15
	Mare-aux-Vacoas (G.End.)	1,850	3·13	79·5	5·87	16
	Midlands Dam ...	—	4·24	107·7	—	10
	Nouvelle France ..	—	—	—	—	—
	Parc-aux-Cerfs (Tea Plantations)	—	3·55	90·2	—	16
	Pétrin	—	2·80	71·1	—	13
	Phœnix	—	0·60	15·2	—	2
	Quatre Bornes... ...	1,090	0·43	10·9	—	2
	Réunion	1,420	0·92	23·4	2·97	4
	Roches Brunes, B. Bassin	—	—	—	—	—
	Curepipe, Royal College ...	—	—	—	—	—
	Tamarin-Falls	—	0·25	6·4	—	2
	Trianon	950	0·60	15·2	1·86	2
	Mare Longue	—	1·95	49·5	—	12
Moka	Alma	1,460	3·40	86·4	4·68	9
	Bega	—	0·31	7·9	—	2
	Beau Bois (Moka) ...	—	—	—	—	—
	Bonne Veine	400	3·04	77·2	5·05	12
	Chantenay, Moka ...	—	—	—	—	—
	Circonstance	—	—	—	—	—
	Cote d'Or	—	1·35	34·3	—	4
	Helvetia	—	—	—	—	—
	Hermitage	1,450	2·15	54·6	3·66	5
	Le Reduit	1;000	0·67	17·0	3·75	5
	Minissy	1,150	0·72	18·3	—	4
	Mont Desert	—	0·98	24·9	—	6
	Mont Ida, Q. Militaire ...	—	—	—	—	—
	Mont Pevril	—	0·81	20·6	—	3
	Mon Rêve	—	0·66	16·8	—	4
	Réduit Ltd., Moka ...	—	—	—	—	—
	Ripailles; St. Pierre ...	—	—	—	—	—
	Piton du Milieu Reservoir ...	—	3·33	84·6	—	19
	Flat Island	—	0·39	10·0	—	1
Rodrigues	Oyster Bay	—	0·38	9·7	—	5
	Point Venus	—	0·41	10·5	—	8
	Solitude	—	0·39	10·0	—	3
Chagos Archipelago	Diégo-Garcia, Met. Station	—	6·12	155·5	—	16
	Peros Banhos	—	6·09	154·7	—	4
	Salomon Islands (Boddam)	—	4·45	113·0	—	15
Cargados Carajos	St. Brandon	—	1·34	34·1	—	8
Agalega	Met. Station	—	14·27	362·4	—	23

Table XVI.—Observations of Pilot Ballons, month of October, 1950

Date	Time	1,000 feet		3,000 feet		5,000 feet		7,000 feet		10,000 feet		13,000 feet		15,000 feet		17,000 feet		20,000 feet		25,000 feet		30,000 feet	
		Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.
1	08.50	10	23	10	27	09	24	...	...	..	..	...	...	...	...	...	...	...	...	..	...	...	...
2	08.00	10	09	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	..
3	08.55	11	09	09	12	...	...	...	...	...	...	...	...	...	..	...	..	..	...	...	...	...	...
4	08.34	08	04	09	02	...	...	...	...		...	...	..	...	...	...	...	...	...	...	...	...	...
5	08.00	01	02	01	02	...	...	...	..	...	...	...	...	...	...	...	..	...	...	...	...	...	...
6	08.00	21	01	35	01	34	02	18	06	25	12	...	...	...	...	...	...	...	.	...	..	...	...
7	08.00	08	05	15	09	23	09	25	18	25	12		...	...	..	...	...	...	...	.		...	...
8	08.10	11	14	10	12	10	10	10	04	29	05	...	.	...	...	...	...	...	...	...	..	...	...
9	08.00	13	09	08	10	11	03	...	...	...	...	...	...	...	...	...	...	...	...	...	.	...	...
10	03.00	11	10	09	16	10	09	...	...	...	...	...	...	...	...	...	...	...	..	...	..	...	..
11	08.50	10	11	10	14	...	...	...	...	...	...	...	...	...	...	...	...	.	...	...	.	...	..
12	08.00	10	16	09	16	10	15	...	..	...	..	...	...	...	...		...	.	..	...	...	...	...
13	09.04	14	17	11	12	...	...	...	..	...	..	...	...	...	...	..	..	.	...	..	...	...	...
14	08.00	11	15	10	30	11	21	...		...	...	...	...	...	...	..	...	...	..	...	...	...	...
15	08.50	10	25	10	20	09	23	...	...	...	..	...	...	...	...	..	...	.	..	..	...	...	...
16	08.45	10	29	10	39	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...
17	08.25	09	20	10	15	09	07	08	05	..	...	...	...	..	...	..	...	...	.	...	..	...	...
18	08.50	10	10	08	14	07	18	...	...	...	...	...	...	...	...	..	...	..	...	...	..	..	...
19	09.05	12	21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	..
20	08.45	12	18	11	20	...	.	...	...	...	..	...	...	...	..	..		...	...	...	..	..	...
21	09.00	11	38	11	20	11	10	11	10	12	16	...	...	...	...	...	...	...	...	..	...	...	...
22	08.27	11	30	09	15	10	11	..	...	...	...	...	...	...	...	..	...	..	...	...	...	...	...
23	08.55	11	09	09	16	09	12	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...
24	08.45	10	15	10	25	09	20	...	..	...	...	...	...	...	...	...	..	...	..	...	...	...	...
25	08.50	09	12	10	16	...	..	..	...	..	...	...	...	...	...		...	...	..	...	...	...	...
26	08.55	10	20	10	20	.	...	..	...	.	...	..	...	...	...	.	...	...	...	...	...	...	...
27	09.16	09	10	08	10	...	...	...	...	...	...	...	.	...	...	...	..	..	..	...	...	...	...
28	08.00	10	17	11	16	10	06	...	...	..	...	...	...	...	...	...	..	...	..	...	...	...	...
29	08.39	10	09	09	15	09	12	...	...	.	...	...	..	...	...	...	...		..	..	..	...	...
30	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	..	...
31	08.40	11	14	10	12	12	06	...	...	...	...	...	...	...	...	...	...	...	..	...	..	...	...

OL. XXXV

PART XI

COLONY OF MAURITIUS

Royal Alfred Observatory, Mauritius

(LATITUDE 20° 5′ 39″ S.—LONGITUDE 3h 50m 12·6s E.)

RESULTS

OF

Magnetical and Meteorological Observations

FOR THE MONTH OF

NOVEMBER, 1950

N. R. McCURDY, B.Sc.
Director.

Published by Authority of His Excellency the Governor

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Table I.—Results of Magnetical Observations taken during the month of November, 1950

Month and Day	Mean: Declination (West)	Mean: Horizontal Force (C.G.S. Units)	Mean: Vertical Force (C.G.S. Units)	Daily Range: Declination	Daily Range: Horizontal Force (Unit 1 γ)	Daily Range: Vertical Force (Unit 1 γ)
Nov.						
1	—	.22303	—	—	67	—
2	—	312	—	—	62	—
3	—	320	—	—	29	—
4	—	—	—	—	—	—
5	—	—	—	—	—	—
6	—	323	—	—	19	—
7	—	332	—	—	20	—
8	—	344	—	—	44	—
9	—	347	—	—	52	—
10	—	—	—	—	—	—
11	—	—	—	—	—	—
12	—	310	—	—	58	—
13	—	317	—	—	60	—
14	—	317	.30436	—	27	26
15	—	331	438	—	31	16
16	—	335	438	—	30	14
17	—	327	437	—	39	15
18	—	325	437	—	20	8
19	—	317	436	—	45	20
20	—	322	435	—	43	17
21	—	—	—	—	—	—
22	—	—	—	—	—	—
23	—	299	—	—	46	—
24	—	—	—	—	—	—
25	—	286	441	—	71	17
26	—	281	446	—	88	23
27	—	282	445	—	30	22
28	—	290	—	—	75	—
29	—	284	—	—	45	—
30	—	298	437	—	26	27
—	—	—	—	—	—	—
Mean	—	·22313	·30439	—	44·7	18·5

Magnetic Disturbances—November, 1950

1d. Moderately disturbed.
2d. Slightly disturbed.
4d. Moderately disturbed.
8d. Slightly disturbed.
10d. Moderately disturbed.
12d. Slightly disturbed.
13d. Slightly disturbed.
16d. Slightly disturbed.
18d. Slightly disturbed.
22d. Moderately disturbed.
25d. Moderately disturbed.
26d. Moderately disturbed.
27d. Moderately disturbed.
28d. Moderately disturbed.
29d. Slightly disturbed.

T= ·37741 : Mean Dip= 53°45·′43 X= — Y= — Z= ·30439

Table II.—Results of Absolute Determinations of the Magnetic Elements taken during the month of November, 1950

Declination (West)		Horizontal Force		Dip (South)		Resulting Vertical Force
Day and Hour	Observed Value	Day and Hour	Observed Value	Day and Hour	Observed Value	
d h m	° ′	d h m		d h m	° ′	
3 9 35	15 45·50	3 9 10	·22339	3 9 47	53 44·50	.30425
10 9 55	15 46·13	7 9 18	·22336	10 9 43	53 45·13	.30428
17 9 20	15 46·25	10 10 25	·22354	17 9 32	53 44·67	.30421
24 10 15	15 45·75	17 8 55	·22338	24 10 03	53 45·25	.30430
		21 9 28	·22337			
		24 10 40	·22311			
		28 9 47	·22309			

Table III—Magnetic Declination West at every Hour of the Day as deduced from the Photographic Records

NOVEMBER 1950

15° +

Day / Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Day / Hour
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	
Midnight	—	Gas lamp out of order	Gas lamp out of order	Gas lamp out of order	Gas lamp out of order	Gas lamp out of order	Gas lamp out of order	Gas lamp out of order	Gas lamp out of order	Gas lamp out of order	Gas lamp out of order	Gas lamp out of order	Gas lamp out of order	Gas lamp out of order	Gas lamp out of order	Gas lamp out of order	Midnight
1h	—																1h
2	—																2
3	—																3
4	—																4
5	—																5
6	—																6
7	—																7
8	—																8
9	—																9
10	39·2																10
11	37·6																11
Noon	36·8																Noon
13h	36·0																13h
14	34·4																14
15	34·0																15
16	—																16
17	—																17
18	—																18
19	—																19
20	—																20
21	—																21
22	—																22
23	—																23

NOVEMBER 1950—*continued*

15° +

Day / Hour	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.	Day / Hour
	′		′	′	′	′	′	′	′	′	′	′	′	′	′	′	
Midnight	Gas plant out of order	Gas plant out of order	Gas plant out of order	Gas plant out of order	Gas plant out of order	Gas plant out of order	Gas plant out of order	Gas plant out of order	Gas plant out of order	Gas plant out of order	Gas plant out of order	Gas plant out of order	Gas plant out of order	Gas plant out of order	—	—	Midnight
1h															—	—	1h
2															—	—	2
3															—	—	3
4															—	—	4
5															—	—	5
6															—	—	6
7															—	—	7
8															—	—	8
9															—	—	9
10															—	—	10
11															—	—	11
Noon															—	—	Noon
13h															—	—	13h
14															—	—	14
15															—	—	15
16															—	—	16
17															—	—	17
18															—	—	18
19															—	—	19
20															—	—	20
21																—	21
22															—	—	22
23															—	—	23

Table IV.—Magnetic Horizontal Force at every Hour of the Day as deduced from the Photographic Records

(The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber)

NOVEMBER 1950

+ ·22000 (C.G.S. UNIT)

Day / Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Day / Hour
Midnigh	306	296	309	320	—	310	324	329	340	328	—	322	319	329	325	327	Midnight
1	310	295	310	319	—	320	325	330	339	329	—	330	322	320	331	326	1
2	322	303	311	322	—	322	327	335	340	330	—	338	320	313	324	332	2
3	310	307	310	325	—	318	329	339	339	337	—	325	333	314	328	341	3
4	307	310	312	326	—	315	328	338	340	352	—	317	340	314	325	342	4
5	308	319	311	329	—	313	330	337	340	357	—	318	333	311	326	337	5
6	310	312	310	329	—	315	328	330	343	368	—	314	328	313	323	339	6
7	305	320	318	335	—	320	333	340	348	370	—	312	312	308	320	336	7
8	310	324	329	339	—	323	340	347	353	375	—	304	314	311	323	332	8
9	320	330	338	335	—	329	339	353	360	351	—	301	320	311	330	332	9
10	337	339	334	331	—	328	339	363	366	357	320	310	329	314	339	335	10
11	325	341	330	322	336	321	340	365	368	358	302	312	321	323	346	342	11
Noon	332	347	335	310	338	327	342	367	380	337	298	307	328	330	347	350	Noon
13	331	330	327	292	328	325	344	365	371	310	303	310	330	334	351	351	13
14	322	310	321	297	310	326	338	356	360	290	302	313	321	333	350	340	14
15	300	311	325	272	308	324	334	353	350	282	300	311	311	328	348	335	15
16	284	304	326	250	307	327	330	348	340	274	287	310	298	319	332	332	16
17	280	300	321	240	300	328	329	347	339	—	274	297	282	316	330	331	17
18	270	285	320	—	304	329	328	349	338	—	275	290	280	311	328	330	18
19	272	290	319	—	305	328	330	348	335	—	276	280	287	310	321	328	19
20	268	300	320	—	308	326	331	340	334	—	290	290	310	308	320	328	20
21	270	301	318	—	307	326	329	330	337	—	299	301	311	307	323	329	21
22	280	305	317	—	306	321	330	323	330	—	302	308	318	310	324	337	22
23	300	307	319	—	307	323	328	331	328	—	307	310	330	318	325	321	23

NOVEMBER 1950—*continued*

+ ·22000 (C.G.S. UNIT)

Day / Hour	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.	Day / Hour
Midnight	320	330	312	315	314	—	293	298	268	290	267	319	300	290	—	310	Midnight
1h	326	335	309	314	313	—	296	294	275	283	284	298	305	305	—	313	1h
2	330	330	310	313	311	—	302	303	287	307	282	308	290	310	—	315	2
3	329	327	307	312	315	—	315	309	290	301	280	303	282	304	—	315	3
4	326	325	308	312	316	—	290	308	300	303	287	305	283	299	—	314	4
5	331	328	310	317	314	—	284	307	310	304	290	310	287	299	—	315	5
6	333	328	315	317	316	—	292	309	305	308	292	314	285	300	—	315	6
7	337	328	319	317	322	—	297	—	313	310	280	313	284	303	—	316	7
8	338	329	325	322	330	—	291	—	310	310	282	311	278	297	—	318	8
9	336	329	329	330	336	—	289	—	287	312	283	307	280	298	—	319	9
10	348	332	338	350	338	332	299	—	288	319	285	297	281	299	—	325	10
11	340	333	348	351	347	341	320	—	289	316	274	304	285	300	—	326	11
Noon	343	330	347	350	348	342	330	—	288	323	276	308	284	303	—	329	Noon
13	347	327	335	344	334	338	328	—	287	290	287	297	283	305	—	326	13h
14	339	321	328	338	323	338	320	—	282	242	292	288	284	304	—	319	14
15	325	321	312	323	312	325	312	322	270	254	274	273	292	305	—	313	15
16	319	314	304	318	311	323	300	316	242	269	277	264	287	302	—	306	16
17	319	319	303	316	—	310	290	312	268	240	280	252	274	298	—	303	17
18	311	328	306	310	—	302	284	311	280	242	273	244	260	290	—	299	18
19	311	318	307	308	—	297	285	310	267	237	286	252	276	290	—	299	19
20	309	313	309	309	—	274	290	316	297	235	270	264	285	291	—	302	20
21	318	314	310	308	—	273	292	305	297	244	280	272	287	287	—	304	21
22	309	317	311	313	—	280	295	280	279	252	297	270	290	297	—	306	22
23	316	330	313	313	—	272	290	262	287	264	282	278	284	284	—	308	23

Table V.—Magnetic Vertical Force at every Hour of the Day as deduced from the Photographic Records

(The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber)

NOVEMBER 1950

+ ·30000 (C.G.S. UNIT)

Hour \ Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Day / Hour
Midnight	—	—	—	—	—	—	—	—	—	—	—	—	—	441	441	438	Midnight
1h	—	—	—	—	—	—	—	—	—	—	—	—	—	440	439	438	1h
2	—	—	—	—	—	—	—	—	—	—	—	—	—	442	439	438	2
3		—	—	—	—	—	—	—	—	—	—	—	—	441	439	438	3
4	—	—	—	—	—	—	—	—	—	—	—	—	—	442	440	439	4
5	—	—	—	—	—	—	—	—	—	—	—	—	—	443	440	439	5
6	—	—	—	—	—	—	—	—	—	—	—	—	—	445	442	440	6
7	—	—	—	—	—	—	—	—	—	—	—	—	—	447	445	442	7
8	—	—	—	—	—	—	—	—	—	—	—	—	—	445	444	442	8
9	—	—	—	—	—	—	—	—	432	—	—	—	—	440	442	441	9
10	—	—	—	—	—	—	—	—	421	426	—	—	—	433	443	439	10
11	—	—	—	—	—	—	—	431	410	418	—	—	432	430	443	445	11
Noon	432	—	—	—	—	—	432	427	400	411	430	432	433	424	441	442	Noon
13h	430	—	—	—	—	—	427	421	402	414	424	420	428	421	431	433	13h
14	426	—	—	—	—	—	426	422	410	423	429	416	428	423	429	431	14
15	429	—	—	—	—	—	427	423	414	—	432	419	423	427	430	434	15
16	—	—	—	—	—	—	429	427	420	—	—	424	426	429	431	436	16
17	—	—	—	—	—	—	—	430	423	—	—	432	434	432	436	437	17
18	—	—	—	—	—	—	—	—	426	—	—	—	443	437	437	437	18
19	—	—	—	—	—	—	—	—	428	—	—	—	445	437	437	437	19
20	—	—	—	—	—	—	—	—	429	—	—	—	443	438	436	437	20
21	—	—	—	—	—	—	—	—	430	—	—	—	441	439	436	436	21
22	—	—	—	—	—	—	—	—	—	—	—	—	442	439	437	436	22
23	—	—	—	—	—	—	—	—	—	—	—	—	440	439	439	435	23

NOVEMBER 1950—*continued*

+ ·30000 (C.G.S. UNIT)

Hour \ Day	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.	Day / Hour
Midnight	438	437	436	436	435	—	439	—	442	442	451	440	—	443	—	440	Midnight
1h	438	436	439	436	435	—	438	—	443	442	449	442	—	442	—	440	1h
2	438	436	439	437	436	—	438	—	448	441	448	441	—	440	—	441	2
3	439	437	440	437	437	—	437	—	445	441	448	442	—	442	—	441	3
4	440	438	442	438	438	—	442	—	440	441	448	443	—	442	—	441	4
5	441	439	442	439	439	—	444	—	443	442	447	443	—	443	—	442	5
6	443	440	442	439	439	—	448	—	445	444	449	443	—	444	—	443	6
7	441	440	443	442	442	—	450	—	447	443	448	446	—	443	—	444	7
8	440	440	443	442	443	—	451	—	443	447	453	448	—	444	—	444	8
9	440	438	442	437	440	—	450	—	439	448	454	447	—	442	—	442	9
10	439	436	436	432	438	432	—	423	438	449	453	445	—	440	—	440	10
11	440	432	430	430	437	430	—	428	435	443	451	—	443	436	—	438	11
Noon	440	432	427	426	436	426	—	431	431	440	447	—	439	429	—	434	Noon
13h	431	433	423	425	433	430	—	435	432	432	439	—	432	421	—	429	13h
14	428	432	427	427	432	423	—	434	432	436	434	—	429	417	—	429	14
15	430	433	423	427	432	428	—	434	433	448	432	—	424	419	—	431	15
16	431	438	437	428	430	428	—	436	434	442	438	—	421	424	—	433	16
17	434	438	439	432	430	430	—	442	447	452	437	—	428	432	—	438	17
18	438	437	439	436	—	432	—	445	443	453	441	—	436	437	—	439	18
19	438	437	437	437	—	435	—	446	446	454	443	—	437	438	—	440	19
20	437	438	438	437	—	440	—	445	445	455	443	—	438	438	—	440	20
21	437	438	438	437	—	443	—	443	443	453	445	—	439	439	—	440	21
22	438	438	436	436	—	440	—	444	444	452	444	—	441	442	—	440	22
23	438	438	436	436	—	439	—	445	445	453	446	—	440	441	—	440	23

Table VI.—Results of Meteorological Observations made at the Aerological Station, Vacoas (424.5 metres above mean sea-level) during the Month of November, 1950

Month and days 1950	Observations at 10 a.m.									Temperature of the Air							Rainfall			
	Atmospheric Pressure	Temperature of the Air	Excess of Air Temperature over Evaporation Temperature	Temperature of the Dew Point	Relative Humidity (Sat 100)	Vapour Pressure	Wind Direction	Wind Velocity	Amount of Cloud (Scale 0—8)	3 h	9 h	15 h	21 h	Daily Maximum	Daily Minimum	Daily Range	Amount recorded by the Caella Pluviograph	Duration	Duration of Bright Sunshine	Percentage of Possible Sunshine
Nov.	mbs.	°C	°C	°C	%	mbs.	°	mps.		°C	°C	°C	°C	°C	°C	°C	mms.	mins.	hrs.	%
1	969·0	24·3	4·9	16·4	61	18·7	100	2·2	4	18·4	23·0	20·6	19·4	24·7	17·7	7·0	14·6	115	4·9	38
2	968·1	22·2	2·3	18·6	79	21·4	135	3·6	7	18·3	22·3	21·4	18·5	24·5	17·6	6·9	15·0	160	4·6	36
3	967·9	24·5	3·5	19·0	72	22·0	90	0·9	6	18·6	22·4	20·5	19·1	24·8	18·5	5·3	56·3	160	5·6	44
4	968·1	23.3	3·6	17·9	71	20·5	125	0·9	5	18·6	22·3	20·1	18·6	24·5	18·6	5·9	3·8	100	6·3	49
5	968·5	21·5	3·2	16·3	72	18·5	135	6·7	2	17·5	21·5	20·2	18·3	22·8	17·1	5·7	5·2	150	9·1	71
6	968·2	22·2	4·2	15·2	64	17·3	125	6·3	2	17·5	21·2	22·4	18·3	24·0	17·0	7·0	2·4	35	11·4	88
7	968·1	24·0	5·0	15·8	61	17·9	105	1·8	2	17·4	22·4	20·[illegible]	18·4	25·0	16·9	8·1	7·0	110	4·5	35
8	968·6	24·3	4·4	16·1	65	18·3	100	3·1	1	17·4	22·9	24·0	19·4	25·6	17·1	8·5	0·1	5	7·8	61
9	907·4	24·0	3·9	17·8	69	20·4	105	4·0	3	18·5	23·0	24·6	20·1	25·7	18·1	7·6	0·0	0	11·6	90
10	972·1	23·3	3·3	18·0	72	20·6	110	6·7	6	19·2	22·4	24·2	19·4	24·7	18·6	6·1	0·2	5	11·3	88
11	970·8	23·0	5·0	14·6	60	16·6	105	5·4	3	18·7	21·6	22·5	18·4	25·2	17·9	7·3	0·3	10	10·5	81
12	968·9	23·0	5·1	14·4	59	16·4	110	4·5	5	17·3	20·4	22·9	17·6	24·5	16·9	7·6	0·0	0	11·1	85
13	967·3	24·0	4·9	16·0	61	18·2	90	1·8	7	16·6	20·8	23·7	18·3	24·8	16·4	8·4	0·0	0	5·4	41
14	967·9	24·1	4·3	17·1	66	19·5	90	0·9	5	18·3	23·6	24·4	18·7	27·0	18·3	8·7	0·7	30	8·8	68
15	968·1	25·9	5·9	16·4	56	18·7	110	1·8	5	17·7	23·6	23·4	19·4	25·6	17·7	7·9	0·0	0	6·6	51
16	967·8	24·5	3·7	18·7	71	21·6	80	1·8	6	18·7	22·8	20·3	18·7	25·7	18·5	7·2	5·7	170	4·1	31
17	968·0	25·0	4·5	17·9	65	20·5	110	1·3	6	17·4	22·7	21·6	18·6	25·4	17·0	8·4	0·4	15	6·8	52
18	967·1	23·0	4·0	16·5	67	18·8	110	1·3	4	17·5	22·9	24·4	19·8	25·8	17·0	8·8	0·0	0	9·3	71
19	966·6	24·9	5·7	15·6	54	17·7	110	1·8	6	—	—	—	—	26·6	15·0	11·6	8·9	80	7·1	54
20	966·6	24·1	4·3	17·2	66	19·6	90	1·3	4	16·6	22·6	23·9	19·5	26·1	15·8	10·3	1·0	20	7·2	55
21	966·3	23·6	3·8	17·5	69	20·0	90	4·5	6	18·5	22·5	23·5	20·4	24·8	18·5	6·3	0·0	0	9·5	73
22	966·0	24·2	3·2	19.3	74	22·4	110	4·9	6	19·1	23·3	24·9	20·7	26·1	19·0	7·1	0·4	20	11·0	84
23	966·4	24·7	3·3	19·5	73	22·7	125	4·5	7	19·7	23·7	25·0	20·9	26·8	19·7	7·1	0·0	0	11·2	85
24	966·4	25·1	2·9	20·7	78	24·4	135	6·3	5	20·5	23·9	25·4	21·3	26·4	20·1	6·3	0·2	10	11·1	85
25	966·9	23.8	4·2	17·1	67	19·5	160	4·0	6	19·7	23·3	24·7	19·6	27·0	18·8	8·2	0·0	0	10·4	79
26	966·3	25·1	6·6	14·0	50	16·0	160	2·2	1	16·7	23·4	25·4	19·6	26·8	16·0	10·8	0·0	0	8·4	64
27	965·6	23·9	3·9	18·0	69	20·5	135	4·5	7	19·0	23·0	24·6	19·5	26·4	18·1	8·3	0·0	0	10·0	76
28	967·2	25·5	5·3	17·0	60	19·4	125	2·2	2	18·5	23·5	25·1	19·5	27·4	18·5	8·9	0·0	0	9·4	71
29	968·2	25·6	5·6	16·6	59	18·9	135	1·8	5	18·4	24·5	22·6	18·6	26·2	17·9	8·3	0·0	0	9·2	70
30	967·4	25·3	4·5	18·2	66	21·0	90	0·9	7	19·4	22·6	23·7	20·5	26·8	18·8	8·0	1·6	35	6·4	41
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mean ...	967·8	24·1	4·3	17·1	65·9	19·6	—	3·1	4·7	18·3	22·7	23·1	19·3	25·6	17·8	7·8	123.8	1225	8·35	63·9
Average	968·4	23·1	3·3	17·2	72·8	20·4	—	3.9	6·8	—	—	—	—	25·2	17·8	7·4	120.5	1056	—	—
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		

Excess of Certain Elements at Pamplemousses over the Corresponding Elements at Vacoas

Atmospheric Pressure	+	41·0 mbs.	Amount of Rain	—	113.8 mms.
Temperature of the Air		—°C	Duration of Bright Sunshine	+	36·2 hrs
Vapour Pressure		—mbs	Mean of Maximum Temperatures	+	3·0 °C
Relative Humidity		—%	Mean of Minimum Temperatures	+	1·3 °C
Velocity of Wind	+	1·2 mps.	Absolute Maximum Temperature	+	3·6 °C
Amount of Cloud			Absolute Minimum Temperature	+	0·4 °C

Table VII.—Daily Results of Meteorological Observations made during the month of November, 1950

Month and Day 1950	Atmospheric Pressure		Temperature of the Air					Excess of Air Temperature over Evaporation Temperature	Temperature of the Dew Point		Relative Humidity (Saturation = 100)		Vapour Pressure	Minimum on the Grass
	Mean	Excess above Average	Daily Maximum	Daily Minimum	Daily Range	Mean	Excess above Average		Mean	Excess above Average	Mean	Excess above Average		
Nov.	mbs.	mbs.	°C	°C	°C	C	°C	°C	°C	°C	%	%	mbs.	°C
1	1009·0	− 1·5	28·4	18·2	10·2	23·0	+ 0·1	0·2	22·7	+ 5·2	98	+ 26	27·6	14·0
2	1008·3	− 2·2	26·7	17·8	8·9	21·9	− 1·1	1·5	19·6	+ 2·0	87	+ 15	22·8	15·0
3	1008·6	− 1·8	27.7	20·3	7·4	23·7	+ 0·7	1·1	22·0	+ 4·4	91	+ 19	26·4	15·5
4	1008·6	− 1·8	27·6	20·0	7·6	23·5	+ 0·4	2·8	19·0	+ 1·3	76	+ 4	22·0	15·9
5	1009·0	− 1·3	26·9	19·9	7·0	23·1	0·0	4·0	16·6	− 1·1	67	− 5	18·9	14·0
6	1008·6	− 1·7	26·9	20·0	6·9	23·1	− 0·1	2·9	18·5	+ 0·7	75	+ 3	21·3	14·9
7	1009·1	− 1·1	28·1	19.6	8·5	23·5	+ 0·2	4·9	15·4	− 2·5	60	− 12	17·5	14·0
8	1009·5	− 0·7	29·4	18·6	10·8	23·7	+ 0·4	4·5	17·5	− 0·4	65	− 7	20·0	13·5
9	1011·2	+ 1·1	28·4	20·9	7·5	24·3	+ 0·9	3·7	18·5	+ 0·5	70	− 2	21·3	17·5
10	1012·3	+ 2·3	28·3	21·0	7·3	24·3	+ 0·9	3·7	18·5	+ 0·5	70	− 2	21·3	17·2
11	1010·8	+ 0·8	27·6	19·6	8·0	23·3	− 0·2	5·0	14·9	− 3·2	59	− 13	16·9	15·2
12	1008·9	− 1·1	26·9	18·0	8·9	22·6	− 0·9	5·1	13·8	− 4·3	58	− 14	15·8	12·0
13	1007·9	− 2·0	28·5	18·8	9·7	23·3	− 0·3	3·9	17·1	− 1·0	68	− 4	19·5	13·3
14	1008·2	− 1·7	29·4	19·6	9·8	24·2	+ 0·6	4·1	17·7	− 0·4	67	− 5	20·3	15·5
15	1008·8	− 1·1	29·0	16·6	12·4	22·5	− 1·2	3·1	17·5	− 0·7	73	+ 1	20·0	11·9
16	1008·4	− 1.4	29·5	19·9	9.6	24·4	+ 0·7	3·4	19·1	+ 0·9	73	+ 1	22·1	15·9
17	1008·2	− 1·6	27·5	17·9	9·6	22·4	− 1·4	1·8	19·6	+ 1·3	84	+ 12	22·8	15·4
18	1007·8	− 2·0	28·0	17·4	10·6	22·4	− 1·4	2·9	17·8	− 0·5	75	+ 3	20·4	13·4
19	1007·1	− 2·6	28·3	15·4	12·9	21·5	− 2·4	1·9	18·6	0·0	83	+ 11	21·4	11·1
20	1007·5	− 2·1	28·0	18·6	9·4	23·0	− 0·9	2·5	19·1	+ 0·5	78	+ 6	22·1	14·5
21	1006·6	− 2·9	28·4	21·0	7·4	24·4	+ 0·4	3·8	18·5	− 0·2	69	− 3	21.3	16·4
22	1006·3	− 3·1	28·7	21·1	7·6	24·6	+ 0·6	3·5	19·3	+ 0·6	72	0	22·4	18·4
23	1006·8	− 2·5	29·2	22·1	7·1	25·3	+ 1·2	3·7	19·7	+ 0·9	71	− 1	23·0	17·5
24	1006·7	− 2·5	30·4	22·7	7·7	25·7	+ 1·5	3·4	20·5	+ 1·6	74	+ 2	24·1	18·7
25	1006·9	− 2·2	31·0	19·2	11·8	25·3	+ 1·1	4·6	18·1	− 0·8	64	− 8	20·8	17·1
26	1006·8	− 2·1	30·8	16·2	14·6	23·2	− 1·1	4·9	15·0	− 4·0	60	− 12	17·1	12·0
27	1006·2	− 2·6	28·9	17·8	11·1	23·0	− 1·4	3.0	18·3	− 0·8	75	+ 2	21·0	14·0
28	1008·0	− 0·7	30·0	17·2	12·8	23·3	− 1·2	2·7	19·0	− 0·2	77	+ 4	22·0	12·8
29	1008·4	− 0·2	30·1	18·6	11·5	24·0	− 0·5	3·2	19·0	− 0·2	74	+ 1	22·0	14·5
30	1007·5	− 1·0	30·5	19·9	10·6	24·9	+ 0·3	2·3	21.4	+ 1·9	81	+ 8	25·5	16·0
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mean	1008·3	− 1·4	28·6	19·1	9·5	23·6	−0·1	3·3	18·4	+0·1	73·1	+1·0	21·3	14·9
Average	1009·7	—	28·4	19·6	8·8	23·7	—	3·4	18·3	—	72·1	—	21·1	16·7
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14

General Weather Conditions during the Month of November, 1950

During the first days of the month an anticyclone of moderate intensity brought fairly large amounts of rain to all parts of the island except the North. The second part of the month was very dry over all the island. There were no cyclonic disturbances.

Table VII *contd.*—Daily Results of Meteorological Observations made during the month of November, 1950

Month and Day 1950	Rainfall: Amount recorded by the Dines Pluviograph	Rainfall: Duration	Amount of Evaporation	Duration of Bright Sunshine	Percentage of Possible Sunshine	Observed Wind Velocity: Mean	Observed Wind Velocity: Excess above Average	Temperature of the Soil: 10 Feet	Temperature of the Soil: 5 Feet	Temperature of the Soil: 2 Feet	Temperature of the Soil: 12 Inches
Nov.	mms.	mins.	mms.	hrs.	%	m.p.s.	m.p.s.	°C	°C	°C	°C
1	4·9	85	4·6	5·9	46	2·3	− 1·1	23·7	23.6	24·0	25·0
2	1·2	30	4·8	6·7	52	3·0	− 0·4	23·8	23·4	24.1	25·4
3	0·0	—	4·8	6·9	54	3·0	− 0·4	23·7	23·4	24·2	25.2
4	1·3	30	5·5	7·3	57	3·9	+ 0·5	23·7	23·2	23·8	25·8
5	0·1	5	5·9	11·3	88	5·3	+ 1·9	23·6	23·7	24·2	25·3
6	0·0	—	9·2	10·9	85	4·2	+ 0·8	23·6	23·6	24·0	25·5
7	0·0	—	8·2	8·7	67	3·1	− 0·3	23·7	23·4	23·8	25·7
8	0·0	—	6·9	9·8	76	3 4	0·0	23·9	23·0	24·5	26·1
9	0·0	—	8·4	11·1	86	4·0	+ 0·6	23·9	23·0	24·4	26·4
10	0·0	—	9·0	12·1	94	4.8	+ 1·3	23·6	24·0	24·6	26.6
11	0·5	25	8·1	9·7	76	3·9	+ 0·4	23·9	23·7	24·7	26·9
12	0·1	5	9·7	12·0	92	3·5	0·0	23·9	23·7	24·8	26·8
13	0·0	—	7·2	9·7	75	3·1	− 0.4	23·6	24·0	24·8	26·1
14	0·0	—	9·6	11·9	92	2·9	− 0·6	23·7	24·1	25·0	26·4
15	0·0	—	8·0	11·3	87	2·9	− 0·6	23·7	24·3	25·0	26·8
16	2·1	45	8·9	8·5	65	2·9	− 0 6	23·6	24·0	25·1	26·5
17	0·0	—	5·5	5 9	45	2·2	− 1·3	23·6	24·0	25·2	26·3
18	0·0	—	4·5	10·5	80	2·5	− 0·9	23·7	24·2	25·2	26·2
19	0·0	—	7·5	9·1	69	2·3	− 1·1	23·8	24·0	25·1	25·9
20	0·0	—	6·6	8·9	68	3·3	− 0·1	23·9	24·0	25·1	25·9
21	0·6	25	8·0	11·1	85	4·6	+ 1·2	23·9	24·2	25·1	26·1
22	0·2	45	8·3	9·8	75	4·3	+ 0·9	24·0	24·4	25·1	26·7
23	0·0	—	7·6	10·9	83	4·5	+ 1·1	24·0	24·6	25·1	27·0
24	0·0	—	9·0	11·6	89	4·0	+ 0 6	24·0	24·7	25·3	27·5
25	0·0	—	9·7	9·4	72	2·9	− 0·5	24·0	24·7	25·4	27·8
26	0 0	—	8·8	9.7	74	3·1	− 0·3	23·7	24·2	25·6	27·3
27	0·0	—	8·6	10·4	79	3·3	− 0·1	23·8	24·3	25·7	27·3
28	0·0	—	8·8	10·9	83	2·3	− 1·1	23·9	24·6	25·7	27·4
29	0·0	—	7.0	6·8	52	2·1	- 1·2	23·9	24·4	25.7	26·9
30	0·0	—	6.0	7·9	60	2·6	− 0·7	23·9	24·3	25.7	26·7
—	—	—	—	—	—	—	—	—	—	—	—
Mean	11·0 Sum	295 Sum	7·5	9·56	73·5	3·34	−0·08	23·79	23·96	24·86	26·65
Average	44·6	716	6·7	8·80	67·7	3·42	—	—	—	—	—
Column	15	16	17	18	19	20	21	22	23	24	25

Means and Extremes of certain Meteorological Elements during the Month of November, 1950

Element	*Highest*			*Date*	*Lowest*			*Date*
Atmospheric Pressure	1013·8 mbs	at	08.00 hrs.	on 10th	1004·5 mbs	at	16.00 hrs.	on 27th
Temperature of the Air	31·0 °C	,,	—	,, 25th	15·4 °C	,,	—	,, 19th
Daily range of temperature of the Air ...	14·6 °C	,,	—	,, 26th	6·9 °C	,,	—	,, 6th
Temperature of the Dew Point	22·7 °C	,,	—	,, 1st	13·8 °C	,,	—	,, 12th
Minimum on Grass	—	,,	—	,, —	11·1 °C	,,	—	,, 19th
Relative Humidity	98%	,,	—	,, 1st	58%	,,	—	,, 12th
Vapour Pressure	27·6 mbs.	,,	—	,, 1st	15·8 mbs.	,,	—	,, 12th
Evaporation in 24 hours	9·7 mms.	,,	—	,, 12th & 25th	4·5 mms.	,,	—	,, 18th
Wind Velocity	8·1 m.p.s.	,,	16.00 hrs.	,, 10th	—	,,	—	,, —
Rainfall in 24 hours	5·3 mms	ending	12.00 hrs.	,, 2nd	—	,,	—	,, —
Duration of sunshine	12·1 hrs.		—	,, 10th	5·9 hrs.	,,	—	,, 1st and 17th

NUMBER OF DAYS OF

Rainfall: mms. 0·1—0·9	mms. 1·0—4·9	mms. 5·0—9·9	mms. 10·0—24·9	mms. 25·0—39·9	mms. 40·0—54·9	mms. 55·0 and over	Lightning	Thunder-storm
5	4	—	—	—	—	—		

Table VIII.—Barogram

NOVEMBER 1950

The initial 10 or 9 is omitted. The unit in the table is 0·1 millibar

Day / Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Day / Hour
Midnight	103	092	089	094	099	094	098	098	111	131	130	103	090	083	093	092	Midnight
1h	098	090	086	086	094	085	094	095	106	126	125	098	086	081	091	088	1h
2	094	083	082	079	088	082	091	092	105	124	122	093	082	076	087	082	2
3	094	082	078	078	086	078	087	088	101	123	118	090	077	077	087	082	3
4	092	078	079	078	085	078	086	088	102	124	115	090	078	078	092	081	4
5	092	080	081	082	088	078	088	090	106	128	116	088	078	081	094	080	5
6	094	083	085	084	091	085	094	094	110	131	118	091	081	086	096	083	6
7	097	087	090	089	095	093	098	099	116	135	122	096	085	085	100	093	7
8	097	089	093	092	096	094	099	103	117	138	123	097	086	086	099	092	8
9	094	090	094	094	097	095	099	104	118	137	123	098	090	087	099	091	9
10	091	088	092	084	096	095	096	102	118	135	118	096	085	096	095	084	10
11	084	084	088	082	092	093	092	100	115	131	114	094	082	090	091	083	11
Noon	079	080	082	080	087	083	094	096	112	122	104	088	078	083	084	081	Noon
13h	078	072	078	076	081	077	089	090	108	117	097	081	071	075	078	076	13h
14	074	065	074	073	078	073	076	086	102	111	092	074	065	071	073	072	14
15	071	061	073	068	074	068	074	079	099	104	089	072	062	068	068	069	15
16	074	063	073	073	074	065	073	079	099	101	082	074	061	064	068	073	16
17	078	070	078	077	078	070	078	082	102	103	083	079	062	070	071	076	17
18	087	076	083	085	083	079	085	088	107	110	093	085	070	076	078	083	18
19	092	090	093	097	092	087	093	096	112	116	097	094	078	081	086	092	19
20	098	094	095	102	098	097	097	105	119	123	100	096	084	088	094	095	20
21	100	096	096	102	099	098	102	106	125	129	105	100	088	091	097	094	21
22	101	098	098	106	102	101	104	112	128	131	108	098	091	094	098	096	22
23	098	098	098	105	100	102	105	112	133	131	108	094	088	094	098	092	23

NOVEMBER 1950—*continued*

The initial 10 or 9 is omitted. The unit in the table is 0·1 millibar

Day / Hour	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean	Day / Hour
Midnight	085	088	085	074	078	074	077	079	074	078	071	080	092	081	—	1009·1	Midnight
1h	083	083	082	085	073	066	071	070	072	078	066	079	092	077	—	1008·1	1h
2	080	078	078	078	066	062	063	067	069	068	061	078	089	074	—	1008·2	2
3	078	074	074	078	064	055	059	066	068	068	058	078	087	073	—	1008·0	3
4	079	074	074	078	062	055	058	065	068	067	058	074	088	072	—	1008·0	4
5	082	076	073	078	061	056	058	065	066	068	054	074	088	077	—	1008·1	5
6	085	079	074	083	066	059	059	065	070	072	057	078	094	079	—	1008·4	6
7	091	083	078	090	071	064	065	066	072	078	062	083	098	082	—	1008·9	7
8	094	083	077	091	073	066	071	071	076	079	063	084	098	084	—	1009·0	8
9	095	085	077	092	073	066	076	074	076	079	065	085	098	084	—	1009·1	9
10	088	085	072	074	070	068	074	074	074	076	063	082	094	080	—	1008·8	10
11	085	082	070	072	070	071	073	074	072	072	059	078	093	077	—	1008·5	11
Noon	081	078	064	066	068	062	070	066	067	067	058	073	086	072	—	1008·0	Noon
13h	077	070	058	060	062	058	064	061	063	061	054	073	082	062	—	1007·5	13h
14	072	067	056	058	055	055	061	058	060	053	049	067	077	058	—	1007·0	14
15	065	063	053	058	050	053	057	054	058	052	046	065	068	057	—	1006·7	15
16	064	064	053	058	048	048	057	049	054	051	045	065	065	058	—	1006·6	16
17	065	070	056	061	052	052	059	054	057	051	052	070	066	058	—	1006·9	17
18	072	075	064	070	056	058	065	058	062	055	059	075	073	068	—	1007·6	18
19	078	078	073	075	063	063	071	065	068	063	066	083	077	076	—	1008·3	19
20	085	086	078	078	068	071	076	071	071	068	074	092	078	083	—	1008·9	20
21	090	082	078	082	073	076	078	074	076	073	078	094	082	090	—	1009·2	21
22	093	084	082	083	076	080	083	078	079	078	080	098	084	091	—	1009·5	22
23	093	091	082	083	078	079	083	078	079	076	080	096	083	090	—	1009·4	23

Table IX.—Duration of Bright Sunshine at the Aerological Station, Vacoas, by the Campbell Stokes Sunshine Recorder

NOVEMBER 1950

Day / Hour Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total Hours
	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	
6h	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	6	0	6	8	0	0	0	0	0	0	0	0	6	4	0	—	0·6
7	51	6	48	10	11	26	9	56	55	45	0	60	8	41	60	60	50	60	60	40	16	19	35	22	3	58	39	60	60	16	—	18·1
8	60	33	60	12	58	52	58	60	60	36	37	35	19	60	60	57	60	60	60	60	4	60	60	60	20	60	51	60	60	18	—	24·2
9	60	60	60	54	60	60	60	60	60	51	60	28	15	60	60	33	60	60	60	60	44	60	52	60	41	60	60	60	60	24	—	26·7
10	60	60	52	60	60	60	60	60	60	56	60	60	16	42	60	25	60	58	60	60	60	60	60	60	60	60	60	60	60	37	—	27·8
11	51	24	60	60	60	60	60	60	60	60	60	60	30	60	60	51	55	52	60	60	60	60	60	60	60	60	60	60	60	40	—	28.1
Noon	12	0	16	60	60	60	21	60	60	60	60	60	8	60	37	12	0	37	39	42	60	60	60	60	60	60	60	60	56	48	—	22·5
13h	0	0	0	60	52	60	2	60	60	60	60	60	60	60	1	0	0	20	26	20	60	60	60	60	60	53	60	60	0	51	—	19·7
14	0	8	0	10	52	60	0	51	60	60	60	60	60	34	36	0	0	25	2	27	60	60	60	60	60	25	60	36	1	23	—	17·5
15	0	5	0	28	38	60	0	0	60	60	60	60	41	17	0	0	0	45	0	0	60	60	57	60	60	28	53	5	6	5	—	14·5
16	0	40	16	15	59	60	0	2	47	60	60	60	40	33	2	0	17	20	0	42	60	60	51	60	60	39	53	13	52	0	—	17·0
17	0	38	5	8	36	60	0	0	48	60	60	60	12	27	0	0	55	35	25	21	46	58	38	60	60	0	28	15	60	8	—	15·4
18	0	5	19	3	0	60	0	0	60	60	47	60	7	35	11	0	45	60	27	0	41	30	60	42	60	3	16	50	60	45	—	15·1
19	0	0	0	0	0	6	0	0	4	7	5	0	10	0	0	0	5	20	0	0	0	12	18	0	18	0	0	19	12	8	—	2·4

The Total Amount of Registered Sunshine was 249·6 hrs. and the Total Possible Sunshine was 390·1 hrs.

Table X.—Duration of Bright Sunshine at the Royal Alfred Observatory by the Campbell Stokes Sunshine Recorder

NOVEMBER 1950

Day / Hour Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total Hours
	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	
6h	0	0	0	0	0	4	0	4	0	4	0	15	0	12	10	6	9	15	22	0	0	0	0	15	0	25	0	22	20	7	—	3·2
7	46	34	42	45	47	50	50	42	42	60	5	60	10	55	60	60	60	60	60	60	45	32	48	60	25	60	60	60	60	30	—	23·8
8	60	60	60	58	60	60	60	60	60	60	5	60	5	60	60	55	60	60	60	60	55	55	60	60	60	60	58	60	60	10	—	27·0
9	23	60	60	50	60	60	60	60	60	60	44	35	55	60	60	26	60	60	60	60	60	60	55	41	60	60	38	60	60	13	—	26·3
10	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	40	40	45	43	60	60	60	59	60	60	60	60	60	60	60	—	29·1
11	60	17	60	60	60	60	60	60	60	60	60	60	45	60	45	60	50	60	45	60	60	60	60	60	60	60	60	60	25	60	—	27·8
Noon	60	6	60	46	60	60	60	60	60	60	60	60	40	60	60	60	55	55	60	27	60	60	60	60	60	60	60	50	17	60	—	26·9
13h	40	35	55	25	45	60	60	60	60	60	60	60	60	60	60	58	0	45	55	60	60	42	60	60	60	60	60	4	20	60	—	25·1
14	5	14	12	2	60	50	37	60	60	60	60	60	60	60	60	60	0	50	3	50	60	46	60	60	50	60	60	40	10	45	—	21·9
15	0	45	6	38	60	55	20	44	45	60	60	60	60	60	60	48	1	60	22	32	45	50	60	60	45	55	60	45	8	20	—	21·4
16	0	35	0	45	60	55	30	50	47	60	60	60	60	60	60	15	10	41	45	55	60	55	60	55	20	19	60	50	5	25	—	21·0
17	0	38	0	1	60	58	28	18	40	60	60	60	60	60	50	0	8	26	25	10	58	45	34	60	50	0	35	60	30	60	—	18·2
18	0	0	0	5	46	21	0	10	60	60	46	60	60	50	30	2	2	53	47	0	42	20	42	45	16	5	12	60	5	25	—	13·7
19	0	0	0	0	0	0	0	0	10	0	1	13	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	0	—	1.3

The Total Amount of Registered Sunshine was 286·7 hrs., and the Total Possible Sunshine was 390·1 hrs.

Table XI.—Direction and Velocity of the Wind at every Hour of the Day as recorded by the Robinson Cup Anemometer during November, 1950

The directions are given in points and the values indicate the direction from which the wind blows counting from North 32, East 8, South 16 and West 24

The Velocities are given in Metres per second, using the factor 2·2

(The days on which the Normal Trade-Winds are interrupted are indicated by an asterisk).*

NOVEMBER 1950

Day	1 *		2		3 *		4 *		5		6		7		8		9		10		11		12		13		14		15		16	
Hour	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir	Vel.
Midnight	11	2·8	16	1·8	08	2·8	12	2·4	10	4·2	10	3·8	12	1·9	10	2·6	10	1·8	09	3·6	10	2·3	10	2·3	10	2·3	08	3·0	06	1·3	08	1·9
1h	11	2·1	16	2·0	10	1·5	11	4·0	10	4·9	09	1·8	12	2·2	10	2·5	10	2·1	08	4·1	10	2·4	10	2·0	10	2·1	08	3·5	06	1·6	08	1·8
2	11	2·4	15	2·9	10	2·4	11	3·0	10	5·3	10	3·9	12	2·3	11	2·2	10	1·8	08	3·6	12	2·5	10	1·6	10	1·9	08	2·7	09	1·5	08	2·6
3	11	2·0	15	1·7	10	3·7	12	2·0	12	4·4	10	3·4	12	2·7	12	2·6	10	2·4	09	3·3	14	1·9	10	2·4	11	1·8	08	2·3	09	1·6	08	2·4
4	11	1·0	15	0·8	10	2·0	12	1·9	11	4·4	10	3·7	12	3·1	11	2·4	10	2·4	10	3·4	10	3·0	11	2·4	10	1·8	08	2·2	09	1·8	08	2·2
5	11	1·5	15	1·3	10	2·8	12	1·4	11	4·0	10	4·4	11	3·6	11	2·5	10	3·1	10	2·4	11	2·5	11	2·2	10	1·9	08	2·5	10	2·1	08	3·1
6	12	1·4	15	1·3	10	3·2	10	2·7	11	4·1	10	3·8	12	2·3	11	2·8	10	3·1	10	3·2	11	2·2	11	2·0	10	2·0	08	1·8	10	1·8	08	1·7
7	12	2·1	10	3·4	10	1·9	11	2·9	12	5·1	10	4·5	10	3·2	10	4·4	10	3·7	10	4·6	09	3·6	10	3·1	10	2·0	09	2·4	10	2·0	10	2·2
8	10	2·3	10	3·2	07	3·9	10	3·4	10	6·2	10	5·9	10	3·4	09	4·2	09	6·2	08	6·4	10	4·5	08	4·6	10	4.3	06	3·4	10	3·0	06	2·6
9	10	2·8	10	3·5	07	4·8	09	3·8	10	6·1	10	7·2	10	3·8	08	4·1	07	5·6	08	6·0	08	6·3	08	4·0	07	4·9	06	4·0	10	2·9	05	3.1
10	07	3·1	10	5·2	09	3·5	11	4·4	10	6·2	09	4.3	09	3·3	08	4·6	08	5·1	08	7·1	10	5·3	09	5·1	07	5·0	06	3·1	13	2·4	06	3·5
11	06	4·5	10	4·2	08	4·3	11	5·1	10	7·2	09	6·1	08	4·1	08	4·4	09	5·1	08	6·9	08	5·8	08	4·5	08	4·2	06	4·4	08	4·5	04	2·6
Noon	06	4·1	12	3·9	05	4·1	11	3·9	10	5·9	10	5·7	06	4·1	08	4·4	08	5·1	08	6·5	08	5·3	10	4·9	06	3·9	05	4·1	02	4·4	05	3·5
13h	09	2·3	07	3·2	05	4·1	d24	4·3	11	6·9	09	5·9	06	4·6	05	3·6	08	5·4	08	6·7	09	5·1	09	5·9	06	4.6	06	4·1	08	4·3	04	4·1
14	d18	3·1	08	4·2	07	4·0	r11	4·4	11	5·9	08	5·6	06	3·7	06	3·8	08	4·6	09	6·7	09	5·9	10	3·8	06	4·1	06	3·6	05	4·8	06	4·2
15	19	3.4	07	4·4	10	3·6	12	6·3	12	6·7	09	5·1	06	3·2	08	3·8	09	5·1	09	6·8	09	5·5	10	5·7	06	3·3	06	4·1	05	4·5	08	3·8
16	21	3·9	10	4·2	11	3·2	11	5·9	12	7·5	10	5.3	07	3.4	09	3·5	10	5·0	08	8·1	10	6·2	10	5·5	06	4·0	06	4·1	06	3·8	10	4·4
17	20	2·7	08	2·9	d24	1·9	10	6·1	10	5·1	10	4·9	08	3·3	08	3·9	10	5·0	08	7·5	10	5·8	10	4·9	06	3·0	06	3·3	05	3·7	08	3·8
18	20	2·3	08	3·4	d10	2·9	11	4·6	11	4·2	11	3·3	10	3·0	08	4·4	08	5·4	08	6·0	10	4·3	10	4·1	07	3·4	06	3·3	05	3·0	11	3·6
19	20	1·5	10	3·1	10	2·5	10	3·6	11	5·2	11	2·6	11	2·7	09	3·3	10	3·8	10	4·0	11	3·3	11	3·4	06	2 5	06	1·7	06	2·6	10	2·5
20	20	0·6	11	2·9	10	2·2	10	4·3	11	4·9	11	2·0	11	2·6	10	3·2	10	3·6	08	4·2	12	3·0	11	1·9	08	2·3	06	1·6	06	2.5	10	2·0
21	20	0·5	11	2·7	10	2·6	11	4·4	11	3·8	10	2·6	11	2·4	10	2·6	10	3·2	08	2·2	12	2·1	11	2·6	08	2·5	06	1·5	06	1·8	10	2.2
22	20	1·1	10	2·9	10	1·6	11	3·8	10	4·2	12	2·6	11	2·4	10	3·5	10	3·2	10	1·9	12	2·2	10	1·8	08	2·2	06	1·8	06	3·7	10	3.3
23	20	1·4	11	2·9	10	2·3	10	4·2	11	4·0	12	2·4	11	2·9	10	3·2	10	3·6	10	1·7	12	2·3	11	2·5	08	3 4	06	1·4	06	2·4	10	3·4

NOVEMBER 1950—*continued*

Day	17 *		18 *		19 *		20		21		22		23		24		25 *		26		27		28 *		29 *		30 *		31		Mean
Hour	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Velocity
Midnight	10	2·4	10	1·6	11	2·1	10	1·7	09	2·1	08	3·4	09	3·7	12	2·4	12	1·4	12	3·1	12	0·6	10	1·1	10	1·4	12	2·4	—	—	2·3
1h	10	1·4	10	1·8	11	1 0	10	1·6	09	3·8	08	3·5	09	3·7	10	2·6	12	2·1	12	2·6	12	1·2	10	1·1	10	0·6	12	1·8	—	—	2·3
2	10	1·1	10	1·4	11	1·5	10	1·4	09	3·1	08	3·0	09	3·9	12	2·3	12	1·8	12	2·2	12	1·7	10	1·5	10	0·6	12	1·6	—	—	2·3
3	10	1·3	10	2·1	11	1·8	10	1·9	09	2·0	08	3·3	10	3·2	11	2·0	12	1·3	12	2·2	12	1·3	10	1·7	10	0·7	12	1·8	—	—	2·2
4	10	1·8	10	2·1	11	1·6	10	1·7	09	2·8	08	3·8	10	3·2	12	2·6	12	1·4	12	1·9	13	1·4	10	1·0	10	1·2	12	2·0	—	—	2·2
5	10	1·8	10	1·5	11	1·5	10	1·8	07	3·3	08	3·9	10	3·5	12	2·1	12	1·2	12	1·6	13	1·2	11	2·6	10	0·6	12	1·9	—	—	2·3
6	10	1·3	10	1·3	11	1·0	10	1·9	08	4·0	08	3·1	10	3·4	11	3·8	12	1·8	12	2·1	11	2·4	12	2·1	10	1.1	12	1·8	—	—	2·4
7	10	2·2	10	3·1	11	1·9	10	2·5	08	5·1	08	3·8	10	4·3	12	4·8	12	1·5	11	3·1	11	3·3	12	2·3	10	1·4	12	1·8	—	—	3·1
8	10	2·9	09	3·9	10	3·2	07	3·4	08	5·6	08	5·0	10	4·4	10	5·5	12	3·5	09	4·8	09	4·1	12	4·0	10	3·7	09	4·0	—	—	4.2
9	10	2·3	09	3·3	10	2·9	08	3·8	08	6·4	08	5·5	08	5·4	08	5·8	12	4·7	10	4·4	09	4·7	12	2·7	12	2·7	06	3·1	—	—	4·4
10	10	3·3	06	3·2	07	2·6	06	3·7	07	5·8	06	5·3	09	5·9	10	6·2	11	4·2	09	3·8	10	4.8	09	3·9	06	1·8	06	3·0	—	—	4·3
11	d18	3·5	10	3·0	07	3·6	06	4·7	08	6·0	04	5·1	09	5·1	08	5·8	10	4·0	06	3·4	09	5·6	06	2·5	d24	3·4	09	3·6	—	—	4·6
Noon	20	3·7	d18	3·5	08	3·9	06	4·8	06	5·6	06	4·9	09	5·6	10	5·5	10	3·3	11	3·5	08	5·2	r20	2·3	21	4·2	05	3·6	—	—	4·4
13h	22	3·1	20	4·2	07	4·0	08	5·3	06	5·6	04	4·9	10	6·2	11	5·3	d30	2·6	09	2·8	10	5·4	20	2·9	22	3·9	06	4·0	—	—	4·5
14	20	2·8	22	5·1	12	3·3	06	5·0	08	6·5	06	4.9	10	6·2	10	4·8	29	3·9	07	6·0	07	5·2	20	3·8	23	3 4	06	4·0	—	—	4.6
15	20	1·8	22	3·8	18	4·1	09	4·5	08	6·1	07	4·3	08	6·0	11	5·3	25	2·6	09	5·4	09	5·4	18	2·1	24	1·5	d14	2 8	—	—	4·4
16	r07	1·5	23	2·6	18	3·1	10	4·9	08	5·5	08	4·4	10	5·8	10	4·8	r12	4·7	08	3·4	11	5·1	21	3·6	24	2·1	22	3 9	—	—	4·4
17	r26	1·6	22	1·5	19	2·5	09	5·0	07	5·6	09	5·1	10	5·3	10	4·9	12	4·7	12	4·0	08	4·8	21	3·3	21	1·8	20	2·9	—	—	4·1
18	r12	2·6	21	2·6	r09	2·9	09	4·7	08	5·4	09	4·8	10	5·0	09	5·0	11	4·5	11	4·1	10	4·1	20	2·8	r18	2·5	r11	3.0	—	—	3·8
19	11	1·4	r11	2·1	10	2·0	10	3·0	08	4·3	09	4·3	11	3·7	10	3·5	11	2·9	10	2·7	10	3·2	r10	2·1	12	2 7	11	2·2	—	—	2·9
20	11	1·2	11	1·1	10	1·1	09	4·4	08	3·1	10	4·4	11	4·3	11	2·9	12	3·3	11	3.8	10	2·1	10	2·5	12	2·9	10	1·8	—	—	2·8
21	11	2·9	11	0·7	10	1·6	09	4·4	08	3·6	10	3·9	10	4·4	11	3·3	12	1·7	12	3·6	10	1·8	10	1·4	12	2·3	10	1·8	—	—	2·6
22	10	2·8	11	1·6	10	1·2	09	2·3	08	3·4	09	4·1	11	3·8	11	3·3	12	1·8	11	1·6	10	1·9	10	0·7	12	2·2	10	2·1		—	2·5
23	10	2·4	11	2·5	10	1·3	09	1·8	08	3·4	10	3·7	11	3·8	12	2·1	12	2·8	12	0·7	10	2·3	10	1·2	12	2 1	10	2·4	—	—	2·6

Table XII.—Wind Frequency (Number of Observations), November, 1950

Hour	Force (0—12)			Directions															
	8 or above	4 to 7	0 to 3	N.	N.N.E.	N.E.	E.N.E.	E.	E.S.E.	S.E.	S.S.E.	S.	S.S.W.	S.W.	W.S.W.	W.	W.N.W.	N.W.	N.N.W.
3	...	...	30	...	...	...	...	6	10	12	1	1		...	...	...	...	...	...
9	...	8	22	...	...	1	2	15	9	3	...	...	...	...		...	...		...
15	...	7	23	...	...	1	3	13	2	3	1	...	2	2	1	2	...	...	...
21	...	...	30	...	...	...	2	4	11	12	...	...	...	1	...	...	...	...	...
Total ...	...	...	...	...	...	2	7	38	32	30	2	1	2	3	1	2	...	...	...

Table XIII.—Rainfall at every Hour of the Day at the Aerological Station, Vacoas, for November, 1950

Day / Hour ending	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1h	...	...	...	0·2	0·4	2·2	0·3	...	...	...	...	...	...	...	...	...	...	...		...	...	0·2	...	...	...	...	...	...	...	...	...
2	...	...	...	...	1·5	0·2	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4		...		...	0·3	...	...	...	...	...	0·3	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	1·0	...
5	...	0·1	...	...	...	...	0·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...		...	...	...	0·4	...
6	...	0·1	...	0·2	0·1	...	...	...	...	...	...	...	...	0·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7		0·2	...	...	0·1	...	...	...	...	...	...	...	...	0·1	...	...	...	...	...	...	...		...	0·2	...	...	...	...	...	0·2	...
8	...	...	...	...	0·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...
9	...		...	...	...	...	...	...		...		...	...	...	...	...	...	...	...	...	...		...	...	...	...		...	...	...	...
10	...	0·1	...	0·3	...	...	0·1	0·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	1·0	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Noon	...	...	0·7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...
13h	...	0·2	21·6	...	0·1	...	...	...		...	...	...	...	...		1·6	0·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	3·5	0·4	27·0	0·2	...	...		...	...	...		...	...	...	...	0·5	0·1	...	5·0	...		...	...	...	...	...		...	...	...	...
15	10·0	0·1	6·9	...	0·2	...	5·0	...	...	...	...	...	...	...	...	2·1	...	...	3·6	0·1	...	...	...	...	...	...	...	...	...	...	...
16	0·5	...	...	...	...	...	0·5	...	...	...	...	...	...	...	...	1·2	...	...	0·3	...	...	...	...	...	...	...	...	...	...	...	...
17	0·4	0·7	...		0·1	...	0·7	...	...	...	...	...	...	...	...	0·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	0·1	...	0·1	0·2	1·1	...	0·2	...	...	...	...	...	...	0·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	0·1	0·6	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...		...	...	...	...
20	...	6·3		...	...	...	...		...	...		...	...	...	...	...	...	...	...	0·1	...	...	...		...	...	...	...	...	...	...
21	0·1	5·7	...	...	0·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	0·1	...	2·2	0·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...
23	...	...	...	0·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		0·2	...	...	...	...	...	...	...	...	...
24	...	...	...	0.2	0·4	...	...	...	...	0·2	...	...	...	...	...	...	...	...	...	0.8	...	...	...	...	...	...	...	...	...	...	...

Table XIV.—Rainfall at every Hour of the Day at the Royal Alfred Observatory, November. 1950

Day / Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1h	...	...	...	...	...	...	...		...	...	0·1	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	0·1	...	...		...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	1·0	0·1	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...		...	...	...	...	...
5	...	...	...	...	...	...	...	...		...	...	...	...	...		...	...	...	...	...			...	...	...	...	...	...	...		...
6		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...
9		...	...	...	...	...		...	...	...	0·3	...	...	...	...	2·1	...	...	...	...	...	...	...	...	...	...		...	...	...	...
10	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...			...		...	...	...	...	...	...	...	...
11	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Noon	...	0·4	...	...	...	...	...	...	...	...	...	...	...		...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...
13h	...	...	...	0·6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	0·5	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...		...	...	...	...		...			...	...	...	...
16	3·8	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...		...		...	...	...	...	...	...	...	...	...	...
17	1·1	...		...	...	...	...	...	...	...	...	...		...	...	...		...	...		...	...	...	...	...	...	...	...	...	...	
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...		...	...	...	...	...	...		...	...	...	...	...
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	0·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	0·6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.1	...	...	...		...			...	...
22	...	...	...		...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	0·1	...	...	...	...		...		...	...
23	...		...	0·2	...		...	...	...	...	...		...	...	...	...		...	...	...	...	...	...	...	...	...	...	...		...	...
24	...	0·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·6	...	...	...	...	...	...	...	...	...	...

Table XV.—Total Monthly Rainfall at Various Stations in Mauritius according to Districts, November, 1950

Districts	Stations	Approximate Altitude in feet	Total Fall in Inches	Total Fall in mms.	Normal in Inches	Number of days
B. River ...	Albion	—	2·61	66·3	—	7
	Anna Ltd., Bambous ...	—	—	—	—	—
	Beau Songe	—	—	—	—	—
	Case Noyale ...	—	—	—	—	—
	Clarens ...	—	0·52	13·2	—	4
	Govt. School, Bambous ...	-	2·43	61·6	—	5
	Grande Rivière Noire ...	—	—	—	—	—
	La Ferme	—	1·60	40·6	1·65	6
	La Mecque	—	0·72	18·3	—	6
	Médine	—	1·39	35·3	—	7
	Mon Désir, Tamarin ...	—	0·80	20·3	—	2
	Palma	—	—	—	—	—
	Palmyre	—	0·87	22·1	—	3
	Petit Verger	—	—	—	—	—
	Pierre Fonds	—	0·43	10·9	2.54	2
	Richelieu	—	1·73	43·8	—	6
	Tamarin	—	1·80	45·7	—	4
	Abercrombie Nursery ...	—	1·66	42·1	—	17
Port Louis	Line Barracks... ...	—	2·54	64·6	—	6
P/mousses	Beau Plan	—	0·00	0·0	—	0
	Belle Vue (Harel) ...	—	—	—	—	—
	Belle Vue (Maurel) ...	—	0·30	7·6	—	2
	Bois Rouge (de St. Romain)	—	—	—	—	—
	Botanical Gardens ...	325	0·18	4·5	2·19	4
	California ...	—	1·32	33·5	—	3
	Couroupa	—	—	—	2·17	—
	Fond du Sac (Ramlagan) ...	—	—	—	—	—
	Govt.School, Pl. des Papayes	—	1·67	42·4	—	4
	La Nicolière	—	1·58	40·1	5·15	12
	Montagne Longue ...	—	—	—	—	—
	Mapou ...	.	—	—	-	—
	Massilia and Balaklava ...	—	—	—	—	—
	Mont Choisy, Grand Bay...	—	0·45	11·4	—	3
	Mon Mascal, Grand Bay ...	—	—	—	—	—
	Mont Piton	680	0·15	3·8	2·42	1
	Mon Songe (Mapou) ...	620	0·39	9·9	3·04	2
	Rouge Terre, Fond du Sac...	—	-	—	—	—
	Solitude	175	0·85	21·6	1·23	1
	Sottise, Mapou ...	—	0·37	9·4	—	3
	Terre Rouge	—	-	—	—	—
	The Observatory ...	179	0·44	11·1	1·76	8
	Pampl. Experiment Stn. ...	—	0·22	5·6	—	5
	Notre Dame ...	—	0·56	14·2	—	5
	Le Souvenir	—	0·00	0·0	—	0
	Maison Blanche ...	—	0·00	0·0	—	0
Rivière du Rempart	Antoinette	640	0·87	22·1	2·67	7
	Beau Bois, B. Verdière ...	—	—	—	—	—
	Beau Séjour	300	0·18	4·6	2·63	3
	Bel Etang	—	—	—	—	—
	Bel Mont ...	50	0·04	1·0	1·83	1
	Espérance (Harel) ...	—	-	—	—	—
	Espérance (Souchon) ...	—	0·21	5·1	—	3
	Forbach	—	—	—	1·80	—
	Govt. School, Grand Bay ...	—	0·24	6·0	—	4
	Haute Rive	—	—	—	—	—
	Ile d'Ambre	—	—		—	—
	Labourdonnais	290	0·06	1·5	2·00	1
	L'Amitié	.	—	—	—	—
	Mare Sèche, Grand Bay ...	20	—	—	—	—
	Mon Choix	700	0·22	5·6	2·33	2
	Mon Loisir (Lagesse) ...	—	0·40	10·2	2·16	4
	Mon Loisir (Rouillard) ...	. .	—	—	—	—
	Mon Tracas (Audibert) ...	—	—	—	—	—
	Petit Raffray, (Mapou) ...	—	—	—	—	—
	Poudre d'Or	20	0·02	0·5	1·73	1
	Ravensworth	—	0·54	13·7	—	3
	Schœnfeld	—	—	—	—	—
	Saint Antoine	50	0·15	3·8	1·42	2

Districts	Stations	Approximate Altitude in feet	Total Fall in Inches	Total Fall in mms.	Normal in Inches	Number of days
Flacq ...	Australia, Pont Praslin ...	—	0·09	2·3	—	1
	Beau Bois, St. Julien ...	—	—	—	—	—
	Beau Champ G.R.S.E. ..	20	1·99	50·3	2·47	8
	Bel Etang	—	3·90	99·1	—	12
	Belle Mare, Argy ...	—	—	—	—	—
	Belle Rive ...	400	4·41	112·0	6·75	9
	Belle Vue (Allendy) ..	—	0·88	22·4	4·11	3
	Bois Clair	—	—	—	—	—
	Brisée Verdière ...	—	-	—	—	—
	Camp de Masque ...	—	—	—	—	—
	Caroline, Bel Air ...	—	—	—	—	—
	Castel Estate, Bel Air ...	—	—	—	—	—
	Clémencia	—	—	—	—	—
	Constance La Gaieté ...	100	1·06	26·9	2·64	4
	Deep River	—	3·99	101·3	—	11
	Etoile	—	5·41	137·4	—	9
	Govt. School, Central Flacq	—	0·78	19·7	—	16
	Govt. School, G.R.S E. ...	—	0·82	20·9	—	1
	Grande Retraite ...	—	1·10	27·9	—	3
	Grosse Roche ...	—	—	—	—	—
	La Lucie, Bel Air ...	—	—	—	—	—
	Melrose, Montagne Blanche	—	—	—	—	—
	Olivia	400	2·69	68·4	4·22	10
	Palmar	—	—	—	—	—
	Petite Etoile, Bel Air ...	—	—	—	—	—
	Petite Victoria... ...	—	—	—	—	—
	Queen Victoria ..	—	1·69	42·9	—	4
	Rich Fund, St. Julien ...	—	1·26	32·0	—	5
	Rivière Sèche ...	—	2·00	50·8	—	5
	Ruisseau Rose ...	—	—	—	—	—
	Sans Souci	900	6·59	167·4	6·12	18
	Sébastopol	—	—	—	—	—
	Trois Ilots	—	1·66	41·4	—	9
	Union Regnard S.E. ...	600	2·14	54·4	2·78	9
	Unité	—	—	—	—	—
	Bon Accueil	—	1·42	36·1	—	7
	Terres Franches ...	—	3·75	95·3	—	9
	Terre Rocheuses ...	—	5·18	131·6	—	3
	Beau Rivage Estate ...	—	1·69	42·9	—	4
G. Port ...	Anse Jonchée	—	—	—	—	—
	Astroea, Cluny ...	—	6·27	159·3	—	8
	Beau Lieu, Union Park ...	—	—	—	—	—
	Beau Vallon (LaCour) ...	—	4·15	105·4	—	2
	Deux Bras	—	4·50	114·3	—	7
	Eau Bleu, Cluny ...	—	-	—	—	—
	Ferney	20	3·40	86·4	3·50	5
	Grand Bois, Rose Belle ...	—	—	—	—	—
	Gungah Frères, New Grove	—	—	—	—	—
	Khoratty, Escalier ...	—	—	—	—	—
	La Vallée, Cluny ...	—	—	—	—	—
	Le Vallon	—	—	—	—	—
	Mare d'Albert ...	—	—	—	—	—
	Mon Désert Carié ...	75	1·69	42·9	2·90	4
	Mon Trésor	—	5·07	128·8	—	5
	New Grove	650	4·49	114·0	—	6
	Plaisance Airfield ...	160	3·70	93·9	—	11
	Riche en-Eau	—	3·84	97·5	—	5
	Rose Belle	850	6·65	168·9	7·98	16
	Sauve Terre	—	2·75	69·9	—	6
	Savinia	—	2·44	62·0	—	3
	Ste. Hélène	—	3·58	90·9	—	3
	St. Hubert, Cluny ...	—	5·20	132·1	—	3
	Ste. Madeleine, Cluny ...	—	—	—	—	—
	Union Park	—	—	—	—	—
	Union Vale	—	3·83	97·3	—	5
	La Baraque	—	4·00	101·6	—	5
Savanne	Baie du Cap	—	—	—	—	—
	Beau Bois	—	4·71	119·6	—	11
	Beau Champ B. du Cap ...	70	3·71	94·2	2·73	4

Table XV contd.—Total Monthly Rainfall at Various Stations in Mauritius according to Districts, November, 1950

Districts	Stations	Approximate Altitude in feet	Total fall in Inches	Total fall in mms.	Normal in Inches	Number of days
Savanne	Beau Climat ...	—	8·35	212·1	—	10
	Bel Air, Montocchio ...	—	—	—	—	—
	Bel Air, St. Félix ...	—	3·00	76·2	—	5
	Bel Air, Ch. Grenier ...	—	—	—	—	—
	Bel Ombre	40	2·36	59·9	2·30	5
	Bénarès	—	3·07	78·0	—	7
	Bois Chèri Tea Factory ...	—	7·88	200·2		14
	Britannia ...	700	5·06	128·5	4·55	11
	Camp Diable	—	—	—	—	—
	Cascades	—	—	—	—	—
	Chamouny, Chemin Grenier	—	—	—	—	—
	Choisy, Baie du Cap ...	200	4·28	108·7	2·66	10
	Colmar ...	400	6·11	155·2	4·38	11
	Combo	—	4·18	106.2	—	9
	Fontenelle	320	3·13	79·5	4·13	8
	Frédérica .	—	4·00	101·6	3·27	4
	Joli Bois, Rivière Dragon...	—	—	—	—	—
	La Flora ..	1,050	7·14	181·4	7·24	11
	Château	—	3.19	81·0	—	6
	Luchon	—		—	—	—
	Martinière, Souillac ...	—	--	—	—	-
	Plaines Longanes ...	—	—	--	—	—
	Riche Bois	650	5·58	141·7	5·93	10
	Ruxa, R des Anguilles ...	—	3·18	80·8	—	4
	Savannah	200	2·45	62·2	3·63	5
	Saint Aubin	300	3·15	80.0	3·24	10
	Saint Avold	900	5·51	140·0	5·88	11
	Saint Félix	—	3·35	85·1	—	5
	Sainte Marie	—	3·24	82·3	—	4
	Terracine	—	3·17	80·5	—	9
	Tivoli	1,300	5·54	140·7	5·90	10
	Union Sugar Estate	—	3·27	83·8	4·18	8
	R. des Anguilles, S E. ...	—	3·54	89·9	—	10
Plaines Wilhems	Aerological Station, Vacoas	1,393	4·87	123·8	4·80	18
	Bagatelle	1,250	3·95	100.3	2·75	8
	Barkly, Beau Bassin ...	—	3·59	16·6	—	8
	Bassin, Quatre Bornes ...		2·08	52·9	—	7
	Belle Vue (Martin) ...	--	—	--	—	—
	Chebel	—	3·62	91·9	—	8
	Clermont. Petite Rivière ...		-	—	—	—
	Curepipe Gardens ..	1,840	4·01	101·9	5·43	13
	Ebène ...	—	3·76	95·5	-	8
	Floréal	--	—	—	—	—
	Gros Cailloux, Pte. Rivière	—	2·47	62·7	—	7
	Henrietta ..		2·20	55·9	—	9
	Highlands	1,000	6·92	175·8	3·09	9
	La Marie Filter Beds ...	1,700	4·14	105·2	4·30	9
	Les Rosieres, Pte. Rivière	—	1·22	31·0	—	3
	Malgré Tout, Pte Rivière	—	—	—	—	—
	Moon ...	—	1·67	42·4	—	9
Plaines Wilhems	Mare-aux-Vacoas (Arnaud)	1,830	6·37	161·8	6·32	14
	Mare-aux-Vacoas (G. End.)	1,850	4·96	126·0	6·63	17
	Midlands Dam ...	—	5·47	138·9	—	10
	Nouvelle France ...	—	—	—	—	--
	Parc-aux-Cerfs (Tea Plantations)	—	4·37	111·0	—	16
	Pétrin	—	5·32	135·1	—	10
	Phœnix ...	—	4·98	126·5	—	7
	Quatre Bornes... ...	1.090	3·34	84·8	—	7
	Réunion	1,420	3·99	101·3	3·38	9
	Roches Brunes, B Bassin	-	—	—	—	—
	Royal College, Curepipe ...	—	—	—	—	—
	Tamarin-Falls ..	--	2·40	61·0	—	9
	Trianon	950	4·75	120·7	—	7
	Mare Longue ...	—	4·29	109·0	—	18
	Crown Land Wooton ...	—	—	—	-	—
Moka ...	Alma	1,460	2·67	67·5	5.12	10
	Béga	—	3·01	76·5	—	8
	Beau Bois (Moka) ...	—	—	—	—	—
	Bonne Veine ...	400	2.66	67·6	6·35	13
	Chantenay, Moka ...	—	--	—	—	—
	Circonstance	—	—	—	—	—
	Côte D'Or	—	3·30	83·8	—	5
	Helvetia	—	—	—	—	—
	Hermitage	1,450	3·89	98·8	5·94	5
	Le Réduit	1,000	4·77	121·2	2·20	10
	Minissy ...	1,150	4·58	116·3	—	7
	Mon Désert ...		3·19	81·0	—	5
	Mont Ida, Q. Militaire ...	—	—	—	—	—
	Mont Pévril	—	6·68	169·7	—	7
	Mon Rêve	—	4·57	116·1	—	7
	Réduit Ltd , Moka ...	—	—	—	—	—
	Ripailles, St. Pierre ...	—	—	—	—	—
	Piton du Milieu Reservoir...	—	3·93	99.8	—	18
	Flat Island	—	0·00	0·0	—	0
Rodrigues	Oyster Bay	—	1·88	47·8	—	12
	Point Venus	—	1·66	42·1	—	14
	Solitude	—	0·87	22·0	—	6
Chagos	Diégo Garcia, Met. Station	—	7·22	183·3	—	15
Archipelago	Péros Banhos ..	—	8·05	215·9	—	4
	Salomon Islands (Boddam)	—	7·97	202·4	—	13
Cargados Caragos	St. Brandon	—	0·31	7·8	—	5
Agalega	Met. Station	—	4·63	117·6	—	15

Table XVI.—Observations of Pilot Balloons, month of November, 1950

Date	Time	1,000 feet		3,000 feet		5,000 feet		7,000 feet		10,000 feet		13,000 feet		15,000 feet		17,000 feet		20,000 feet		25,000 feet		30,000 feet	
		Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.
1	08·35	11	05	11	10	10	09	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...
2	08·31	11	07	12	11	09	10	09	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	08·50	09	12	08	10	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	09·00	12	09	13	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	08·34	12	28	13	21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	08·40	11	16	13	20	12	02	02	07	19	07	23	07	23	08	24	10	...	...	...	...	...	...
7	08·45	09	11	10	12	13	04	32	05	08	10	20	02	17	10	19	09	26	10	...	...	...	...
8	08·50	09	16	09	17	06	05	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...
9	08·42	11	16	11	15	09	14	...	...	...	..	...	...	...	...	...	.	...	...	...	.	...	...
10	08·00	11	24	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...
11	08·35	11	14	12	18	10	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	08·45	10	10	11	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	08·30	08	03	07	14	06	10	08	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	08 20	07	17	08	15	05	05	07	06	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	0820	10	02	12	03	08	07	03	10	34	08	30	14	33	18	...	...	...	...	...	...	...	...
16	08·40	07	06	09	11	...	...	...		...	...		...	...	...	...	...	...	..	...	...	...	...
17	08·43	12	08	13	08	17	08	16	05	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	09·00	10	18	11	10	...	...	...	...	...	...	...	.	...	...	...	...	...	...	...	...	...	...
19	08·18	12	10	11	12	12	12		...	...	...		...	...	...	...	...	...	...	...	...	...	...
20	09·05	09	10	10	10	12	06	...	...	..	...	...		...	...	...	...	...	...	...	...	...	...
21	08 45	08	18	08	20	07	23	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...
22	08·30	09	14	...	...	...	..	...	..	...	...		...	...	...	...	...	...	...	...	...	...	...
23	08·20	11	14	11	16	10	15		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	08·18	14	12	11	09	18	07	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	08·18	12	09	11	13	12	06	08	04	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	08·00	11	16	11	18	09	10	14	08	17	17	. .	...	...	...	...	...	...	...	.	...	...	...
27	08.50	12	19	12	16	..	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...
28	08·15	13	10	13	07	13	04	09	05	33	06	13	03	20	06	18	03	23	11	...	...	...	...
29	09·05	12	11	17	08	17	03	23	10	10	08	24	06	10	04	10	05	16	04	04	13	02	09
30	08·30	11	09	08	12	08	08	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...
...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	...	...	...	...

VOL. XXXV PART XII

COLONY OF MAURITIUS

Royal Alfred Observatory, Mauritius

(LATITUDE 20° 5′ 39″ S.—LONGITUDE 3h 50m 12·6s E.)

RESULTS

OF

Magnetical and Meteorological Observations

FOR THE MONTH OF

DECEMBER, 1950

N. R. McCURDY, B.Sc.
Director.

Published by Authority of His Excellency the Governor

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Table I—Results of Magnetical Observations made during the month of December, 1950

Month and Day	Mean: Declination (West)	Mean: Horizontal Force (C.G.S. Units)	Mean: Vertical Force (C.G.S. Units)	Daily Range: Declination (Unit 1 γ)	Daily Range: Horizontal Force (Unit 1 γ)	Daily Range: Vertical Force (Unit 1 γ)
DEC.						
1	—	·22298	·30436	—	26	29
2	—	—	—	—	—	—
3	—	—	—	—	—	—
4	—	—	—	—	—	—
5	—	315	435	—	53	24
6	—	—	—	—	—	—
7	—	—	—	—	—	—
8	—	322	434	—	70	32
9	—	308	431	—	105	36
10	—	310	438	—	32	21
11	—	310	438	—	20	22
12	—	331	428	—	95	41
13	—	268	441	—	43	18
14	—	281	448	—	46	24
15	—	285	445	—	26	9
16	—	304	442	—	31	21
17	—	310	440	—	14	20
18	—	320	—	—	30	—
19	—	314	—	—	38	—
20	—	316	—	—	29	—
21	—	318	440	—	40	23
22	—	—	444	—	—	31
23	—	—	451	—	—	25
24	—	—	453	—	—	10
25	—	—	—	—	—	—
26	—	—	—	—	—	—
27	—	—	—	—	—	—
28	—	304	449	—	26	20
29	—	312	444	—	22	11
30	—	312	443	—	32	23
31	—	318	—	—	19	—
Mean	—	—	·30441	—	39·8	23·2

Magnetic Disturbances—December, 1950

5d.	Slightly disturbed.
6d.	Slightly disturbed.
7d.	Slightly disturbed.
8d.	Slightly disturbed.
12d.	Moderately disturbed.
13d.	Moderately disturbed.
14d.	Moderately disturbed.
15d.	Slightly disturbed.
17d.	Slightly disturbed.
18d.	Slightly disturbed.
21d.	Slightly disturbed.
22d.	Moderately disturbed.
	No Register from the 23rd to the 27th.
28d.	Slightly disturbed.
30d.	Slightly disturbed.

T = ·37740 : Mean Dip = 53°45'·90 : X = — : Y = — : Z = ·30441.

Table II.—Results of the Absolute Determinations of the Magnetic Elements made during the month of December, 1950

Declination (West)		Horizontal Force (C.G.S. Unit)		Dip (South)		Resulting Vertical Force
Day and Hour	Observed Value	Day and Hour	Observed Value	Day and Hour	Observed Value	
d h m	° ′	d h m		d h m	° ′	
6 10 05	15 46·50	1 9 32	·22302	6 10 17	53 45·75	·30432
13 10 35	15 46·87	6 9 40	·22329	13 10 25	53 45·50	·30436
20 10 40	15 47·13	13 11 05	·22298	20 10 50	53 46·13	·30430
27 10 10	15 46·25	20 10 15	·22316	27 10 02	53 45·87	·30438
		23 9 52	·22303			
		27 10 35	·22305			
		30 9 45	·22319			

Table III.—Magnetic Declination West at every Hour of the Day as deduced from the Photographic Records

DECEMBER 1950

Day / Hour	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day / Hour
								15° +									
Midnight	GAS PLANT OUT OF ORDER																Midnight
1h																	1h
2																	2
3																	3
4																	4
5																	5
6																	6
7																	7
8																	8
9																	9
10																	10
11																	11
Noon																	Noon
13h																	13h
14																	14
15																	15
16																	16
17																	17
18																	18
19																	19
20																	20
21																	21
22																	22
23																	23

DECEMBER 1950—*continued*

Day / Hour	17d	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean.	Day / Hour
								15° +									
Midnight	GAS PLANT OUT OF ORDER																Midnight
1h																	1
2																	2
3																	3
4																	4
5																	5
6																	6
7																	7
8																	8
9																	9
10																	10
11																	11
Noon																	Noon
13h																	13h
14																	14
15																	15
16																	16
17																	17
18																	18
19																	19
20																	20
21																	21
22																	22
23																	23

Table IV.—Magnetic Horizontal Force at every Hour of the Day as deduced from the Photographic Records

(The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber)

DECEMBER 1950

+ ·22000 (C.G.S. UNIT)

Day / Hour	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day / Hour.
Midnight	283	296	—	—	289	291	—	301	300	303	308	312	291	252	272	287	Midnight
1h	309	299	—	—	297	298	—	300	302	309	318	311	287	264	280	289	1h
2	296	300	—	—	298	300	—	309	304	308	315	310	290	266	282	300	2
3	297	302	—	—	305	307	—	318	316	313	311	313	282	277	272	305	3
4	298	303	—	—	308	312	—	319	312	312	313	312	271	282	276	307	4
5	301	307	—	—	312	313	—	318	308	313	314	318	280	298	275	302	5
6	302	308	—	—	313	310	—	321	313	315	319	317	282	297	284	310	6
7	306	304	—	—	316	318	—	332	319	314	320	316	280	290	282	311	7
8	305	302	—	—	319	322	—	344	316	319	312	322	287	292	287	309	8
9	294	298	—	—	322	327	—	358	304	324	307	340	282	290	280	310	9
10	298	309	—	322	325	332	—	355	307	319	306	374	275	297	278	316	10
11	304	319	343	320	328	330	330	351	308	315	308	400	270	292	279	318	11
Noon	306	318	338	313	330	319	327	348	307	316	300	398	268	284	284	317	Noon
13h	305	321	330	300	325	318	324	345	314	310	301	375	363	285	285	310	13h
14	303	318	324	298	327	282	319	355	309	306	303	344	252	282	287	298	14
15	298	314	322	299	335	277	307	367	300	308	305	328	248	288	293	297	15
16	292	302	—	299	340	278	305	310	392	307	306	321	254	280	286	288	16
17	287	298	—	299	325	282	310	298	289	303	305	317	250	278	280	298	17
18	290	290	—	300	322	283	308	297	288	300	308	312	254	277	287	302	18
19	297	292	—	292	318	—	309	300	287	292	311	320	250	276	290	305	19
20	293	—	—	290	321	—	309	301	290	302	312	321	257	280	298	304	20
21	297	—	—	287	315	—	308	290	299	306	310	330	248	279	298	301	21
22	298	—	—	284	290	—	308	300	298	312	312	325	272	270	298	302	22
23	296	—	—	282	287	—	310	297	299	310	310	305	250	271	296	300	23

DECEMBER 1950—*continued*

+ ·22000 (C.G.S. UNIT)

Day / Hour	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean.	Day / Hour
Midnight	305	312	320	310	335	318	—	292	—	—	—	308	305	306	311	301	Midnight
1h	306	319	322	316	330	324	—	298	—	—	—	313	302	312	320	305	1h
2	312	323	326	314	323	323	—	297	—	—	—	320	306	317	318	307	2
3	310	326	320	311	340	326	—	297	—	—	—	307	305	319	315	308	3
4	309	321	319	312	325	327	—	304	—	—	—	306	310	317	316	307	4
5	310	325	325	313	321	329	—	306	—	—	—	310	315	320	318	310	5
6	312	323	328	318	328	332	288	308	—	—	—	310	318	323	320	313	6
7	312	334	330	319	325	338	292	302	—	—	—	312	323	329	324	315	7
8	312	338	339	318	315	351	293	301	—	—	—	311	324	328	326	316	8
9	311	335	318	317	314	352	300	300	—	—	—	310	318	323	323	314	9
10	314	339	310	322	318	354	290	300	304	—	—	309	313	318	329	316	10
11	317	322	306	319	326	351	285	290	305	—	308	305	310	304	322	315	11
Noon	312	312	303	317	328	349	280	284	298	—	304	295	316	299	318	313	Noon
13h	309	312	301	310	317	343	270	285	287	268	389	294	310	297	319	309	13h
14	305	314	301	308	312	349	280	297	289	264	287	296	308	304	320	307	14
15	309	312	302	301	308	348	278	284	—	278	293	297	314	305	316	307	15
16	303	309	304	305	300	330	280	—	—	280	293	298	317	303	315	306	16
17	314	309	301	310	305	305	272	—	—	—	289	299	314	307	317	300	17
18	313	312	307	315	308	280	273	—	—	—	290	300	312	307	314	301	18
19	309	318	309	323	310	—	275	—	—	—	300	306	314	306	310	303	19
20	309	324	306	322	311	—	268	—	—	—	298	309	316	308	310	305	20
21	311	323	308	320	312	—	267	—	—	—	305	301	307	309	317	304	21
22	312	313	320	322	315	—	270	—	—	—	307	306	309	312	318	305	22
23	312	313	313	330	316	—	280	—	—	—	303	302	308	310	320	302	23

Table V.—Magnetic Vertical Force at every Hour of the Day as deduced from the Photographic Records

(The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber)

DECEMBER 1950

Day / Hour	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day / Hour
								+ ·30000 (C.G.S. UNIT)									
Midnight	442	439	—	—	439	440	—	439	438	439	438	440	440	453	447	448	Midnight
1h	440	440			440	440	—	438	438	436	437	439	441	456	449	447	1h
2	441	440	—	—	440	440	—	439	437	436	437	439	442	455	446	446	2
3	441	440	—	—	440	440	—	439	437	437	438	438	443	456	449	446	3
4	441	440	—	—	442	440	—	439	437	437	438	438	444	451	448	446	4
5	441	440	—	—	443	440	—	440	439	438	438	437	443	449	448	447	5
6	440	440	—	—	443	442	—	440	439	439	439	438	440	447	448	449	6
7	442	441	—		444	445	—	442	441	441	441	440	442	449	448	450	7
8	446	441		—	443	442	—	443	443	447	448	441	442	451	444	451	8
9	447	441	—	—	440	439	—	440	442	450	450	440	440	460	446	449	9
10	446	439	438	443	437	437	—	442	435	448	447	436	442	461	449	445	10
11	442	435	433	444	433	430	432	438	429	447	445	421	441	457	440	442	11
Noon	436	430	432	441	429	425	426	430	420	440	440	408	439	453	447	437	Noon
13h	427	426	426	438	425	422	422	416	410	438	439	400	436	447	446	430	13
14	418	427	426	433	421	426	422	411	407	434	436	408	432	441	443	431	14
15	418	428	426	430	420	430	426	413	410	432	433	410	431	437	442	432	15
16	420	430	—	432	424	438	429	421	413	430	430	415	434	438	442	438	16
17	424	432	—	437	429	440	429	429	422	429	428	418	437	439	442	439	17
18	431	437	—	438	432	441	432	435	429	430	431	420	442	440	444	438	18
19	433	437	—	439	431	—	434	436	433	433	434	424	441	442	443	440	19
20	437	—	—	438	432	—	437	437	435	436	437	426	444	442	443	440	20
21	438	—	—	439	433	—	438	438	437	437	438	428	446	447	442	441	21
22	439	—	—	439	437	—	438	439	437	438	439	430	449	448	444	442	22
23	439	—	—	439	442	—	439	439	438	437	440	437	445	442	449	443	23

DECEMBER 1950—*continued*

Day / Hour	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean.	Day / Hour
								+ ·30000 (C.G.S. UNIT).									
Midnight	443	440	—	—	440	440	452	452	452	—	—	450	448	448	445	444	Midnight
1h	442	441	—	—	439	440	459	451	450	—	—	447	448	448	445	444	1h
2	442	440	—	—	440	440	459	451	449	—	—	446	448	448	444	444	2
3	442	440	—	—	442	440	457	452	450	—	—	447	448	447	443	444	3
4	443	442	—	—	440	441	457	453	450	—	—	447	448	444	443	444	4
5	443	442	—	—	442	442	456	450	450	—	—	448	447	445	443	444	5
6	443	442	—	—	446	443	459	450	451	—	—	447	448	444	442	444	6
7	444	444	—	—	449	446	459	450	451	—	—	448	444	445	442	446	7
8	447	445	—	—	448	447	457	453	453	—	—	454	444	449	443	447	8
9	449	445	—	—	447	447	456	456	454	—	—	461	444	453	437	448	9
10	448	—	—	448	448	445	455	457	458	—	—	462	447	451	445	447	10
11	440	—	—	449	442	440	446	457	459	—	443	461	443	450	—	443	11
Noon	431	—	—	444	447	436	438	454	453	—	430	448	438	443	—	438	Noon
13h	429	—	—	441	427	431	434	452	450	—	423	442	437	431	—	431	13h
14	430	—	—	439	426	439	438	448	444	—	420	443	439	437	—	431	14
15	431	—	—	439	428	438	440	450	443	—	425	443	440	430	—	431	15
16	434	—	—	437	430	430	443	450	445	—	430	445	442	431	—	432	16
17	434	—	—	436	432	440	449	458	450	—	434	445	443	435	—	435	17
18	438	—	—	437	436	439	453	456	—	—	438	446	444	437	—	438	18
19	439	—	—	439	439	447	452	454	—	—	442	446	443	439	—	439	19
20	440	—	—	439	440	457	450	453	—	—	443	445	442	440	—	441	20
21	440	—	—	438	440	456	453	455	—	—	445	447	444	442	—	442	21
22	440	—	—	440	440	459	454	358	—	—	447	449	447	442	—	444	22
23	441	—	—	441	440	462	452	455	—	—	448	448	448	444	—	444	23

Table VI.—Results of Meteorological Observations made at the Aerological Station, Vacoas, (424.5 metres above mean sea-level) during the Month of December, 1950

Month and days 1950	Observations at 10 a.m						Wind			Temperature of the Air							Rainfall			
	Atmospheric Pressure	Temperature of the Air	Excess of Air Temperature over Evaporation Temperature	Temperature of the Dew Point	Relative Humidity (Sat. 100)	Vapour Pressure	Direction	Velocity	Amount of Cloud (Scale 0—8)	3h	9h	15h	21h	Daily Maximum	Daily Minimum	Daily Range	Amount recorded by the Casella Pluviograph	Duration	Duration of Bright Sunshine	Percentage of Possible Sunshine
DEC.	mbs.	°C	°C	°C	%	mbs.	°	m.p.s.		°C	°C	°C	°C	°C	°C	°C	mms.	mins.	hrs	%
1	967·5	25·6	5·1	17·5	61	19·4	320	0·9	5	19·2	26·3	25·8	20·6	26·8	18·6	8·2	0·3	10	5.1	38
2	966·3	24·6	3·4	19·4	73	22·6	80	0·9	5	20·4	24·8	24·4	20·8	26·9	20·0	6·9	8·9	85	4·2	32
3	965·8	25·1	5·0	17·1	61	19·1	120	4·9	3	19·2	24·0	24·6	20·6	26·3	19·0	7·3	0·4	15	11·5	86
4	966·1	23·9	3·0	19·2	75	22·3	140	8·5	4	19·6	22·8	24·2	20·7	25·6	19·4	6·2	—	—	11·7	88
5	965·1	23·5	2·4	19·7	79	23·0	135	8·1	6	20·4	22·8	23·6	20·8	25·2	19·8	5·4	10·5	135	8·3	62
6	960·3	20·5	0·2	20·2	98	23·7	160	8·9	8	20·4	20·7	21·0	19·9	23·8	19·8	4·0	47·0	1015	2·0	15
7	963·5	23·2	3·1	18·3	74	21·1	Calm	Calm	4	19·4	22·6	25·8	20·1	27·1	19·2	7·9	2·6	170	10·6	80
8	968·1	27·1	6·4	16·9	54	19·2	Calm	Calm	4	20·0	25·5	27·0	21·1	28·1	20·0	6·7	—	—	7·5	56
9	970·6	26·6	3·4	21·6	74	25·5	100	1·3	6	20·6	25·6	23·4	21·6	27.2	20·2	5·0	1·8	30	5·7	43
10	970·3	25·5	4·4	18·7	66	21·5	100	2·2	5	20·8	23·9	24·8	20·7	26·2	20·6	5·6	1·0	15	10·2	77
11	968·8	24·3	3·1	19·5	75	22·7	130	8·5	3	20·8	22·2	24·6	21·0	25·6	20·8	3·8	—	—	10·9	82
12	968·8	25·2	4·2	18·6	67	21·5	110	2·7	6	19·3	24·4	24·7	20·7	26·3	18·6	7·7	0·6	10	8·3	62
13	968·5	24·9	3·2	20·0	74	23·4	115	4·9	7	20·6	23·1	25·0	21·0	25·5	19·0	6·5	1·7	55	4·9	37
14	966·9	23·0	2·0	19·9	83	23·2	90	2·7	7	20·6	21·8	23·6	20·7	25·6	18·5	7·1	58·4	280	0·1	7
15	967·4	25·4	4·0	19·3	68	22·1	80	1·8	6	20·8	24·4	25·3	21·5	26·5	20·0	6·5	—	—	9·8	74
16	967·9	25·7	3·8	19·9	70	23·2	90	2·2	6	19.7	23·9	25·5	21·5	26·5	19·2	7·3	—	—	9·9	74
17	968·4	25·0	5·0	17·0	61	19·4	100	2·2	3	19·8	23·7	24·6	21·1	26·9	19·0	4·9	—	—	9·8	74
18	968·0	26·0	5·1	18·0	61	20·6	110	2·2	3	19·6	23·9	24·5	20·9	26·8	19·0	7·8	1·0	25	7·2	54
19	967·9	24·1	3·0	19·4	75	22·5	120	2·2	6	19·8	23·9	22·9	20·5	26.0	19·4	6·6	4·7	90	6·9	52
20	969·0	24·0	3·5	18·5	72	21·3	110	4·5	6	20·1	22·7	24·1	21·1	25·2	19·5	5·7	1·4	30	9·9	74
21	968·0	25·0	4·0	18·8	68	21·6	130	5·8	3	20·4	23·2	25·5	21·3	26·2	20·0	6·2	0·6	15	10·8	81
22	967·9	24·9	3.9	18·8	69	21·7	115	5·4	5	20·5	22·6	26·1	21·4	26·6	20·0	6·6	—	—	8·5	64
23	969·2	25·5	3·7	19·8	71	23·2	110	4·0	3	20·5	23·5	25·4	21·2	26·5	20·0	6·5	3·2	70	10·3	77
24	969·1	25·8	3·4	20·7	73	24·4	90	3·1	6	20·6	24·3	22·0	20·6	26·3	20·1	6·2	7.0	90	3·6	22
25	967·8	25·9	3·4	20·8	73	24·5	140	2·2	5	20·4	24·6	23·8	21·7	26·6	20·0	6·6	2·1	25	10·4	78
26	968·2	25·3	3·9	19·3	69	22·3	120	4·5	6	20·7	24·5	25·6	21·7	26·8	22·5	4·3	—	—	10·1	76
27	967·6	26·0	4·0	19·9	69	23·2	100	2·7	6	21·3	24·4	25·6	21·9	27·0	20·5	6·5	0·4	15	8·9	67
28	966·7	25·5	2·2	21·2	78	25·3	120	2·2	7	21·3	23·7	25·9	21·7	27·4	20·2	7·2	0.6	20	9·4	71
29	966·8	27·0	4·3	20·5	68	24·2	110	1·3	4	21·2	25·6	26·1	22·6	28·3	21·2	5·1	1·3	20	5·3	40
30	967·9	25·0	2·5	21·2	80	25·2	150	5·4	7	21·6	25·4	23·[illegible]	21·0	26·3	20·6	7·7	8·5	145	2·8	21
31	968·0	23·9	2·6	21·0	79	24·8	150	4·0	8	20·9	22·9	23·7	21·6	26·1	20·5	5·6	0·7	25	3·3	25
Mean	967·5	24·9	3·6	19·4	72	22·5	—	3·6	5·3	20·3	23·8	24·6	21·0	26·5	20·2	6·3	164·7	2390	7·67	57·7
Average	966·5	24·6	3·2	19·6	74·5	22·8	—	3·2	7·0	—	—	—	—	26·8	19·3	7·5	227·5	1674	—	—
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

EXCESS OF CERTAIN ELEMENTS AT PAMPLEMOUSSES OVER THE CORRESPONDING ELEMENTS AT VACOAS

Atmospheric Pressure	+	40·8 mbs	Amount of rain	—	97·9mms
Temperature of the Air		—°C	Duration of Bright Sunshine	+	57·5 hrs
Vapour Pressure		—mbs	Mean of Maximum temperatures	+	2·9°C
Relative Humidity		—%	,, Minimum temperatures	+	1·7°C
Velocity of Wind	+	1·4 mps.	Absolute Maximum temperature	+	3·9°C
Amount of Cloud		—	,, Minimum temperature	—	0·2°C

Table VII.—Daily Results of Meteorological Observations made during the month of December, 1950

Month and Day 1950	Atmospheric Pressure		Temperature of the Air					Excess of Air Temp. over Evaporation Temp.	Temperature of the Dew Point		Relative Humidity (Saturation=100)		Vapour Pressure	Minimum on the Grass
	Mean	Excess above Average	Daily Maximum	Daily Minimum	Daily Range	Mean	Excess above Average		Mean	Excess above Average	Mean	Excess above Average		
DEC.	mbs.	mbs.	°C	°C	°C	°C	°C	°C	°C	°C	%	%	mbs.	°C
1	1007·3	− 1·1	31·0	19·5	11·5	24·8	+ 0·1	1·5	22·6	+ 3·0	88	+ 15	27·4	14·5
2	1006·3	− 2·0	30·0	22·4	7·6	25·8	+ 1·0	1·8	23·1	+ 3·4	85	+ 12	28·3	19·0
3	1005·6	− 2·6	29·5	20·8	8·7	24·7	− 0·1	4·5	17·5	− 2·2	65	− 8	20·0	17·5
4	1006·3	− 1·8	29·5	21·1	8·4	24·9	0.0	4·1	18.5	− 1·3	67	− 6	21·3	17·4
5	1004·1	− 4.0	29·2	22·2	7·0	25·3	+ 0·4	4·2	18·7	− 1·1	67	− 7	21·6	17·1
6	999·7	− 8·3	27·3	22·6	4·7	24·5	− 0·5	2·2	21·1	+ 1·2	82	+ 8	25·0	20·2
7	1004·2	− 3·7	30·3	22·2	8·1	25·8	+ 0·8	3·4	20·7	+ 0.6	74	0	24·4	19·5
8	1009·1	+ 1·3	32·2	18·3	13·9	24·8	− 0·3	2·0	21·8	+ 1·6	84	+ 10	26·1	15.5
9	1011·3	+ 3·6	29·5	22·2	7·3	25·4	+ 0·3	2·3	22·1	+ 1·9	81	+ 7	26·6	18·5
10	1010·8	+ 3·2	29·0	22·9	6·1	25·5	+ 0·3	3·6	20·1	− 0·2	71	− 3	23·5	21·0
11	1009·4	+ 1·9	28·2	20·9	7·3	24·1	− 1·1	3·9	18·0	− 2·3	69	− 5	20·6	18·7
12	1009·4	+ 2·0	29·3	20·0	9·3	24·2	− 1·0	3·8	18·2	− 2·1	69	− 6	20·9	15·3
13	1008·7	+ 1·3	28·4	23·0	5·4	25·3	+ 0·1	3·0	20·7	+ 0·4	76	+ 1	24·4	20·9
14	1007·9	+ 0·5	27·7	22·6	5·1	24·7	− 0·6	2·0	21·7	+ 1·3	84	+ 9	26·0	21·8
15	1007·7	+ 0·4	29·9	22·0	7·9	25·5	+ 0·2	3·4	20·3	− 0·1	73	− 2	23·8	19·4
16	1008·3	+ 1·0	29·9	21·9	8·0	25·5	+ 0·2	3·9	19·5	− 1·1	69	− 6	22·7	18·9
17	1008·5	+ 1·3	28·2	21·5	6·7	24·4	− 1·0	3·1	18·6	− 2·1	74	− 1	21·4	18·0
18	1008·2	+ 1·0	28·9	22·1	6·8	25·1	− 0·3	3·9	19·1	− 1·6	69	− 6	22·1	18·5
19	1008·7	+ 1·6	28·7	21·4	7·3	24·6	− 0·8	2·6	20·6	− 0·1	79	+ 4	24·2	17·1
20	1009·5	+ 2·4	28·7	21·5	7·2	24·7	− 0·7	3·9	18·5	− 2·2	69	− 7	21·3	19·6
21	1008·0	+ 0·9	29·4	21·9	7·5	25·2	− 0·3	4·4	18·4	− 2·4	66	− 10	21·2	20·0
22	1008·2	+ 1·2	29·4	22·9	6·5	25·7	+ 0·2	4·1	19·4	− 1·4	69	− 7	22·5	20·0
23	1009·6	+ 2·6	29·5	22·8	6·7	25·7	+ 0·2	4·5	18·7	− 2·1	66	− 10	21·6	20·0
24	1009·0	+ 2·1	29·9	22·8	7·1	25·9	+ 0·3	3·4	20·8	− 0·1	74	− 2	24·6	20·1
25	1008.1	+ 1·2	29·4	22·2	7·2	25·4	− 0·2	2·7	21·4	+ 0·3	78	+ 2	25·5	19·5
26	1008·2	+ 1·3	29·5	21·3	8·2	25·0	− 0·6	3·3	20·0	− 1·1	74	− 2	23·4	19·8
27	1007·9	+ 1·1	29·1	23·4	5·7	25·8	+ 0·2	3·9	19·9	− 1·2	70	− 6	23·2	21·0
28	1007·2	+ 0·4	30·3	22·6	7.7	26·0	+ 0·4	3·5	20·8	− 0·3	73	− 3	24·6	19·4
29	1007·3	+ 0·6	31·7	22·9	8·8	26·9	+ 1·2	4·2	20·6	− 0·6	68	− 8	24·2	20·0
30	1008·7	+ 2·1	28·3	23·2	5·1	25·3	− 0·4	2·1	22·2	+ 1·0	83	+ 7	26·8	21·9
31	1007·9	+ 1·3	29·9	23·0	6·9	26·0	+ 0·3	3·7	20·4	− 0·8	71	− 5	24·0	20·7
Mean	1007·8	+0·4	29·4	21·9	7·5	25·3	− 0·1	3·3	20·1	− 0·4	73·8	− 1·1	23·6	19·1
Aver.	1007·4	—	29·7	21·6	8·1	25·3	—	3·2	20·5	—	74·9	—	24·1	19·1
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14

GENERAL WEATHER CONDITIONS DURING THE MONTH OF DECEMBER, 1950

There were two cyclones during the month. The first was weak throughout, having appeared east of Diego Garcia at the beginning of the month. It moved at about 10 knots almost directly towards the vicinity of Mauritius and passed about 50 miles south-east of this island on the 6th.

The second cyclone was very destructive and caused much loss of life in small islands far north and north west of Mauritius. A small weak depression moving approximately west between Diego Garcia and Agalega at 9 knots from the 11th to the 19th deepened and passed over Agalega as a very small but very intense cyclone on the evening of the 19th. It continued westwards over Farquhar and then west-south-westerly over the Comores Island before slowing down and beginning to fill up on the coast of Portuguese East Africa in latitude 13° South on the 26th. It is rare that such an intense cyclone exists so near the Equator and take so long a trajectory in an almost westerly direction.

In Mauritius conditions were quite seasonal except for the rather low rainfall which was particularly notable in the West and North.

Table VII *contd.*—Daily Results of Meteorological Observations made during the month of December, 1950

Month and Day 1950	Rainfall: Amount recorded by the Dines Pluviograph	Rainfall: Duration	Amount of Evaporation	Duration of Bright Sunshine	Percentage of Possible Sunshine	Observed Wind Velocity: Mean	Observed Wind Velocity: Excess above Average	Temperature of the Soil: 10 Feet	5 Feet	2 Feet	12 Inches
DECEMBER	mms.	mins.	mms.	hrs.	%	m.p.s.	m.p.s.	°C.	°C.	°C.	°C.
1	2·0	75	8·6	11·1	84	2·4	− 0·9	23·7	24·2	25·8	27·1
2	29·0	375	2·0	8·3	63	2·7	− 0·6	23·7	24·1	25·8	27·5
3	0·0	—	6·2	12·0	91	4·0	+ 0·7	24·0	24·7	26·0	27·8
4	0·0	—	9·0	12·6	95	5·4	+ 2·1	23·9	24·5	26·1	27·8
5	0·3	45	8·7	11·5	87	5·9	+ 2·6	23·9	24·7	26·1	27·7
6	2·1	285	6·2	3·8	29	5·9	+ 2·6	23·8	24·5	26·2	27·7
7	0·0	—	7·6	10·1	77	2·8	− 0·5	23·7	24·3	26·2	27·3
8	0·0	—	5·0	10·8	82	2·1	− 1·2	23·9	24·8	26·2	27·5
9	1·3	70	8·0	6·3	47	3·3	0·0	23·9	24·7	26·2	28·1
10	1·1	70	5·4	11·5	86	4·1	+ 0·7	23·9	24·7	26·3	27·7
11	0·0	—	7·6	12·0	90	4·6	+ 1·2	23·9	24·5	26·5	27·8
12	0·1	10	8.0	9·3	70	3·9	+ 0·5	23·7	24·6	26·4	27·5
13	2·1	225	6·8	5·3	40	5·2	+ 1·8	23·7	24·7	26·4	27·7
14	6·1	480	2·7	3·0	23	4·2	+ 0·8	23·7	24·4	26·4	27·7
15	0·0	—	5·4	11·4	86	3·6	+ 0·2	23·7	24·6	26·4	27·6
16	0·0	—	6.5	10·9	82	3·5	+ 0·1	23·7	24·8	26·3	28·0
17	0·9	40	7·9	12.0	90	3·9	+ 0·5	23·8	24·6	26·4	27·7
18	0·0	—	10·7	10·1	76	3·9	+ 0·5	23·8	24·7	26·5	28·0
19	1·9	85	6·2	8·3	62	4·0	+ 0·6	23·8	24·6	26·5	27·8
20	0·0	—	5·3	9·8	74	5.0	+ 1·6	23·9	24·8	26·5	27·5
21	0·0	—	8·8	11·6	87	5·2	+ 1·8	23·9	25·0	26·5	27·8
22	0·0	—	10·8	12·0	90	4·7	+ 1·3	23·9	25·1	26·4	27·7
23	5·3	85	8·2	11·5	86	3·8	+ 0·4	23·9	25·0	26·5	28·4
24	4·5	25	7·6	7·2	54	3·2	− 0·2	24·2	25·0	26·5	28·2
25	3·6	60	6·5	10·1	76	3·5	+ 0·1	24·4	25·0	26·6	28·3
26	0·2	15	7·2	11·9	89	3·9	+ 0·5	23·9	25·0	26·8	27·9
27	0·2	25	8·3	8·3	62	3·8	+ 0·4	24·0	25·3	26·7	28·4
28	1·3	40	8·4	10·5	79	3·1	− 0·2	23·8	25·1	26·8	28·5
29	0·7	10	5·6	10.9	82	3·2	− 0·1	23·8	25·1	26·9	28·6
30	3·5	65	8·3	3·8	29	3·5	+ 0·2	23·8	24·9	26.9	28·5
31	0·6	20	5·5	7.6	57	3·5	+ 0·2	23·8	25.1	27·0	28·5
Mean	Sum 66·8	Sum 2115	7·1	9·53	71·8	3·93	+ 0·57	23·85	24·75	26·41	27·88
Average	116·1	1211	6·6	8·35	62·6	3·36	—	—	—	—	—
Column	15	16	17	18	19	20	21	22	23	24	25

MEANS AND EXTREMES OF CERTAIN METEOROLOGICAL ELEMENTS DURING THE MONTH OF DECEMBER, 1950

Element	*Highest*			*Date*	*Lowest*			*Date*
Atmospheric Pressure	1012·3mbs	at 22·00&23·00 hrs.		on 9th	996·2 mbs	at	16·00 hrs.	on 6th
Temperature of the Air	32·2°C	,,	—	,, 8th	18·3°C	,,	—	,, 8th
Daily range of temperature of the Air	13·9°C	,,	—	,, 8th	4·7°C	,,	—	,, 6th
Temperature of the Dew Point ...	23·1°C	,,	—	,, 2nd	17·5°C	,,	—	,, 3rd
Minimum on Grass	—	,,	—	,, —	14·5°C	,,	—	,, 1st
Relative Humidity	88%	,,	—	,, 1st	65%	,,	—	,, 3rd
Vapour Pressure	28 3mbs	,,	—	,, 2nd	20·0mbs	,,	—	,, 3rd
Evaporation in 24 hours	10·8mms	,,		,, 22th	2·0mms	,,	—	,, 2nd
Wind Velocity	10·4mps	,,	10·00 hrs.	,, 6th	—	,,	—	,, —
Rainfall in 24 hours	31·0mms	ending 07·00 hr.		,, 2nd	—	,,	—	,, —
Duration of Sunshine	12·6hrs.		—	,, 4th	3·0 hrs.	,,	—	,, 14th

NUMBER OF DAYS OF

Rainfall: mms. 0.1—0·9	mms. 1·0—4·9	mms. 5·0—9·9	mms. 10·0—24·9	mms. 25·0—39·9	mms. 40·0—54·9	mms. 55·0 & over	Lightning	Thunderstorm
7	10	2	—	1	—	—	—	1

Table VIII.—Barogram

DECEMBER 1950

Day / Hour	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day / Hour
The initial 10 or 9 is omitted. The unit in the table is 0·1 millibar.																	
Midnight	083	073	064	065	064	021	023	078	118	132	110	097	101	086	077	088	Midnight
1h	078	066	059	062	059	015	020	074	114	117	106	091	092	085	074	085	1
2	072	063	054	058	053	010	017	072	105	114	102	088	085	080	073	081	2
3	071	060	054	058	049	004	017	068	103	110	097	088	081	074	074	075	3
4	071	061	053	058	049	004	018	070	104	108	096	088	080	074	074	075	4
5	071	062	054	062	049	998	022	070	106	108	098	088	082	072	078	077	5
6	076	068	058	068	052	000	030	077	112	112	097	092	085	075	079	079	6
7	083	071	062	073	055	005	038	083	116	117	098	096	095	081	083	085	7
8	086	071	065	074	054	002	042	091	119	119	098	101	095	078	084	089	8
9	086	072	064	073	052	002	042	094	119	121	098	101	096	083	083	091	9
10	083	070	060	070	052	001	041	096	121	117	099	100	098	082	083	091	10
11	078	064	058	070	048	993	039	094	119	114	096	099	094	082	081	091	11
Noon	074	058	055	065	044	983	038	093	116	108	090	097	088	079	077	084	Noon
13h	066	051	050	059	038	981	035	090	111	103	088	093	084	076	070	079	13h
14	062	047	047	055	030	978	033	086	108	096	083	088	078	075	063	074	14
15	058	045	046	052	024	973	032	084	102	092	079	085	073	074	063	072	15
16	056	046	041	048	018	962	034	084	101	092	076	087	073	075	059	071	16
17	057	051	040	050	018	968	041	090	103	093	081	088	075	075	063	073	17
18	062	057	048	057	025	980	050	097	109	097	088	092	082	078	071	077	18
19	070	063	057	060	028	992	060	103	117	103	094	094	084	083	081	082	19
20	075	068	060	066	035	990	070	112	119	108	098	101	090	985	084	088	20
21	080	072	065	068	038	013	074	116	121	111	100	102	095	084	090	093	21
22	082	076	071	071	037	021	078	118	123	114	102	105	095	085	093	097	22
23	078	073	069	071	031	022	080	118	123	112	101	104	094	083	093	096	23

DECEMBER 1950—*continued*

Day / Hour	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean.	Day / Hour
The initial 10 or 9 is omitted. The unit in the table is 0·1 millibar.																	
Midnight	094	097	096	102	105	090	098	107	—	086	087	081	074	083	088	1008·4	Midnight
1h	091	091	090	094	098	082	095	099	—	080	082	073	067	074	081	1007·9	1
2	084	083	085	094	090	079	093	094	—	076	075	068	063	070	074	1007·5	2
3	080	081	082	090	085	074	092	091	—	072	071	068	062	071	073	1007·2	3
4	081	080	079	088	081	073	090	088	—	073	070	063	062	072	073	1007·1	4
5	081	082	080	093	079	073	090	090	—	076	075	069	065	076	078	1007·3	5
6	086	090	083	098	082	074	095	094	—	078	081	072	074	083	078	1007·7	6
7	094	090	092	101	086	081	101	101	—	085	086	077	080	090	092	1008·3	7
8	097	090	093	100	087	083	102	100	—	086	088	075	080	091	093	1008·4	8
9	096	088	091	101	085	086	103	099	—	085	089	078	081	093	091	1008·4	9
10	093	084	085	099	082	082	101	096	081	088	085	073	078	091	088	1008·3	10
11	088	085	082	099	080	081	099	092	075	086	082	073	075	088	084	1008·0	11
Noon	082	079	079	095	076	078	095	—	074	082	081	068	074	087	081	1007·6	Noon
13	075	077	079	092	073	076	085	—	071	080	076	068	066	085	075	1007·2	13h
14	072	073	074	086	070	072	084	—	070	074	071	063	063	083	073	1006·8	14
15	070	070	068	082	065	070	082	—	066	070	068	061	062	081	065	1006·4	15
16	066	066	073	081	063	071	081	—	065	071	066	058	062	083	063	1006·3	16
17	066	067	073	083	062	075	083	—	070	074	069	058	063	087	066	1006·5	17
18	073	069	080	088	065	080	092	—	074	078	076	068	072	095	072	1007·2	18
19	079	075	092	094	074	088	098	—	077	086	081	078	078	100	077	1007·8	19
20	088	079	096	101	078	092	105	—	084	092	083	085	086	103	083	1008·4	20
21	094	086	102	104	085	098	111	—	090	094	091	086	088	100	082	1008·8	21
22	101	092	111	111	091	101	112	—	091	096	090	084	088	098	082	1009·0	22
23	098	095	111	112	093	102	111	—	093	095	088	082	086	094	075	1008·9	23

Table IX—Duration of Bright Sunshine at the Aerological Station, Vacoas by the Campbell Stokes Sunshine Recorder

DECEMBER 1950

Day / Hour Ending	d 1	d 2	d 3	d 4	d 5	d 6	d 7	d 8	d 9	d 10	d 11	d 12	d 13	d 14	d 15	d 16	d 17	d 18	d 19	d 20	d 21	d 22	d 23	d 24	d 25	d 26	d 27	d 28	d 29	d 30	d 31	Total Hours
	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m	m	m.	m.	m.	m.	m.	m.	
6h	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0·1
7	0	0	45	42	7	0	0	60	7	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2·8
8	58	0	60	60	16	0	40	60	50	28	60	57	6	0	37	45	31	50	27	29	35	35	33	14	41	21	7	30	50	15	20	16·9
9	60	42	60	60	60	0	60	60	29	48	60	60	5	0	57	60	60	60	49	60	55	25	60	21	60	59	33	60	15	20	35	23·3
10	53	55	60	60	60	0	60	60	51	60	60	60	16	0	60	60	60	60	39	58	60	31	60	54	60	60	60	60	45	45	15	25·7
11	25	39	60	60	60	0	46	60	60	60	60	60	36	8	55	60	60	60	60	58	60	54	60	5	60	60	60	60	15	45	0	24·4
Noon	19	38	60	60	39	0	42	60	54	54	55	60	30	0	50	60	60	60	50	46	60	12	60	55	60	60	36	60	60	40	0	23·2
13	25	39	60	60	44	3	58	60	53	60	37	60	6	0	60	60	60	26	29	60	60	38	60	35	60	60	35	60	50	0	20	22·3
14	0	42	55	60	60	22	60	16	13	60	60	55	39	0	60	60	60	17	25	35	60	60	60	16	60	55	60	60	10	0	30	21·2
15	42	0	41	60	57	44	60	7	0	60	60	34	60	0	60	60	50	20	31	56	60	60	60	2	60	60	60	60	20	0	55	21·7
16	6	0	60	60	34	45	60	0	0	60	60	30	52	0	60	45	44	5	45	60	60	60	60	0	60	60	60	60	25	0	20	19·9
17	16	0	60	60	41	5	60	0	22	54	60	21	37	0	60	48	53	34	50	60	60	60	60	0	60	60	60	50	25	0	0	19·7
18	0	0	60	60	20	0	60	0	0	60	60	0	5	0	30	36	39	41	12	60	60	60	43	16	45	45	60	5	0	0	0	14·6
19	0	0	12	1	0	0	28	0	0	8	11	0	0	0	0	0	10	0	0	14	15	13	0	0	0	5	3	0	0	0	0	2·1

The Total Amount of Registered Sunshine was 237·9 hrs. and the total possible Sunshine was 411.5 hrs.

Table X.—Duration of Bright Sunshine at the Royal Alfred Observatory by the Campbell Stokes Sunshine Recorder

DECEMBER 1950

Day / Hour Ending	d 1	d 2	d 3	d 4	d 5	d 6	d 7	d 8	d 9	d 10	d 11	d 12	d 13	d 14	d 15	d 16	d 17	d 18	d 19	d 20	d 21	d 22	d 23	d 24	d 25	d 26	d 27	d 28	d 29	d 30	d 31	Total Hours
	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	
6h	25	0	11	21	11	0	0	18	5	0	12	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1·9
7	60	12	60	60	60	0	5	60	60	29	60	60	0	0	15	58	58	23	25	1	20	42	20	0	60	58	1	60	55	52	55	18·8
8	60	50	60	60	60	2	10	60	20	40	60	45	0	1	60	60	60	60	35	58	55	60	55	35	60	60	24	60	60	42	55	23·8
9	60	60	60	60	60	42	58	57	50	60	60	50	14	56	60	60	55	60	45	50	60	60	60	55	60	55	60	45	55	40	55	28·1
10	60	60	60	60	60	35	60	48	60	60	40	60	60	41	60	60	55	60	60	60	60	60	60	44	60	55	50	57	55	5	60	28·1
11	40	60	60	60	60	52	60	54	60	60	59	60	14	45	60	60	60	60	60	31	60	60	60	58	60	60	60	60	60	60	25	28·3
Noon	60	60	60	55	58	52	60	45	60	60	60	52	11	21	60	60	60	60	60	20	60	60	60	60	60	60	60	60	60	30	25	27·1
13h	55	60	55	60	60	0	58	60	59	54	60	55	20	15	60	60	60	50	5	60	60	60	60	48	60	60	12	40	60	0	27	24·2
14	50	60	60	60	60	0	60	60	0	60	53	60	52	0	60	60	60	60	15	60	60	60	60	10	48	60	44	50	60	0	50	24·2
15	52	60	60	60	60	0	60	60	0	60	54	60	60	0	60	60	60	56	58	60	60	60	60	15	32	60	50	20	60	0	60	24·6
16	44	17	60	60	42	33	60	60	1	60	60	30	45	0	60	54	60	45	44	60	60	60	48	48	28	60	55	60	60	0	42	23·5
17	43	0	60	60	60	10	60	60	0	59	60	10	45	0	50	15	60	1	55	60	60	60	60	60	20	60	50	55	55	0	1	20·8
18	58	0	55	60	40	0	29	0	1	60	60	14	0	0	60	50	60	38	37	60	60	60	60	0	55	60	24	60	12	0	0	17·9
19	0	0	1	19	0	0	26	4	0	25	20	0	0	0	15	0	15	31	0	10	20	17	25	0	2	8	4	5	0	0	0	4·2

The Total Amount of Registered Sunshine was 295·5 hrs. and the total possible sunshine was 411·5 hrs.

Table XI.—Direction and Velocity of the Wind at every Hour of the Day as recorded by the Robinson Cup Anemometer during December, 1950

The directions are given in points and the values indicate the direction from which the wind blows counting from North 32, East 8, South 16 and West 24
The Velocities are given in Metres per Second, using the factor 2·2
*(The days on which the Normal Trade-Winds are interrupted are indicated by an asterisk *).*

DECEMBER 1950

Day	1d.		2d		3d.		4d.		5d.		6d.		7d. *		8d. *		9d.		10d.		11d.		12d.		13d.		14d.		15d.		16d.	
Hour	Dir.	Vel.	Dir.	Vel.	Dir	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel	Dir.	Vel.	Dir.	Vel.	Dir.	Vel
Midnight	11	2·0	10	1·5	10	1·8	12	3·4	11	4·5	12	5·2	14	2·6	13	2·0	06	2·4	08	2·3	10	2·7	10	2·3	08	2·3	08	3·3	06	2·3	10	2·6
1h	11	2·1	09	1·3	10	2·2	12	3·6	11	5·1	12	3·4	15	2·9	13	1·1	07	3·0	08	2·7	10	2·9	10	1·6	08	3·2	08	3·7	06	1·9	10	2·5
2	11	2·4	05	1·1	10	2·1	12	3·7	11	4·5	12	4·5	15	4·2	13	1·7	07	1·7	08	3·0	10	3·5	10	2·8	10	3·5	08	2·2	06	2·3	10	3·1
3	11	1·8	05	1·2	10	2·1	12	3·1	11	4·8	12	4·8	14	2·6	13	1·6	07	1·7	08	3·3	10	4·6	10	1·6	08	4·4	07	3·7	06	2·8	10	2·4
4	11	2·0	06	1·7	10	2·3	12	1·4	11	3·2	14	5·1	16	2·2	13	2·1	07	2·0	09	2·5	10	3·0	10	1·7	08	4·1	08	5·2	06	3·7	10	3·0
5	11	1·8	06	1·7	10	2·9	12	2·0	12	2·5	14	5·5	16	1·2	13	2·1	08	2·3	08	3·0	11	3·2	10	2·0	08	4·5	09	3·8	06	4·1	10	3·6
6	11	2·2	06	2·1	10	2·5	12	2·3	12	3·0	12	6·3	20	1·3	13	1·7	09	2·8	09	3·2	12	3·5	10	1·9	08	4·9	08	3·0	07	3·7	10	3·8
7	11	2·4	06	3·0	10	2·9	12	5·2	11	5·9	13	6·3	16	1·9	13	1·0	10	3·4	08	3·5	12	4·8	10	3·0	08	5·7	06	3·4	07	4·5	10	4·1
8	08	2·2	07	3·1	11	4·7	11	6·8	12	7·1	12	8·5	18	1·5	13	1·2	10	3·9	08	4·6	10	6·1	09	4·4	09	6·1	07	4·4	06	5·4	07	3·9
9	05	1·5	06	3·7	10	5·3	09	6·9	11	8·0	12	8·5	18	2·7	05	1·5	09	3·8	08	4·6	10	6·7	10	4·3	08	6·7	06	4·9	06	5·4	08	4·4
10	*25	3·8	06	3·4	11	5·0	11	7·7	11	8·0	12	10·4	25	4·2	32	2·4	08	4·4	08	5·0	09	6·0	10	4·8	08	6·0	06	4·8	06	5·4	08	4·4
11	26	3·7	05	3·8	11	5·5	10	8·4	12	7·8	14	9·4	23	5·1	32	3·0	08	4·7	08	4·9	09	5·9	08	4·1	08	6·3	07	5·0	06	4·6	06	4·5
Noon	26	4·5	06	4·1	10	4·9	11	8·0	12	8·0	13	9·2	22	5·3	29	4·0	06	5·0	08	5·0	07	6·4	07	4·4	09	6·6	06	4·7	04	4·3	07	4·8
13h	23	4·3	06	4·4	10	5·3	10	7·7	12	8·6	16	5·8	24	2·3	26	3·8	06	4·5	09	5·1	06	5·7	10	4·8	08	6·2	05	4·2	04	4·5	08	5·0
14	24	4·7	06	4·9	11	4·8	10	7·0	10	8·2	15	4·1	26	3·3	28	3·4	04	4·0	09	5·0	08	5·7	08	5·1	08	6·3	06	3·8	05	3·8	07	4·4
15	26	3·6	06	4·1	09	4·6	12	6·5	12	8·2	14	6·6	22	4·8	30	3·1	06	4·3	08	5·5	08	6·3	09	6·1	08	6·8	06	5·7	06	4·0	08	4·5
16	d07	2·3	06	3·6	10	5·2	11	9·2	10	7·8	15	7·4	22	4·5	27	3·5	06	4·0	08	5·7	08	6·8	10	5·6	08	6·6	06	4·3	06	3·7	06	4·3
17	d22	3·0	06	3·4	10	6·1	09	7·4	11	7·2	15	5·4	*05	5·1	01	2·1	06	3·9	10	4·8	08	6·4	10	5·7	09	6·1	06	4·7	06	3·6	06	4·2
18	18	1·4	08	3·0	12	4·4	12	5·3	12	6·3	16	4·0	07	2·6	29	1·8	06	3·3	11	4·8	10	5·3	10	5·0	09	5·9	06	4·1	08	3·5	08	3·6
19	12	1·2	08	2·7	11	3·8	10	4·3	12	4·4	14	5·5	06	2·2	05	1·6	06	3·0	09	5·0	09	3·5	10	4·9	09	5·2	06	5·4	08	3·4	08	3·5
20	12	0·8	08	2·1	10	4·4	10	4·8	11	4·3	16	4·8	06	2·0	06	1·5	07	3·2	09	4·1	10	2·7	09	4·8	08	4·4	06	3·9	08	2·8	08	1·9
21	12	1·5	09	1·8	10	4·0	11	5·5	12	4·8	16	3·6	07	1·1	05	1·6	08	3·5	10	3·1	10	2·8	10	4·3	09	4·7	06	5·2	08	2·1	08	1·9
22	10	1·1	10	2·1	12	3·2	10	4·1	12	3·3	14	4·4	13	1·8	06	1·4	08	2·3	10	3·4	10	3·9	08	5·0	08	3·4	06	3·9	08	2·3	10	2·3
23	10	1·4	10	1·4	12	4·0	12	4·5	11	5·2	14	4·5	13	1·1	06	2·1	08	2·2	10	3·4	10	2·6	09	3·8	08	4·4	06	3·3	09	2·4	10	2·5

DECEMBER 1950—*continued*

Day	17d.		18d.		19d.		20d.		21d.		22d.		23d.		24d.		25d.		26d.		27d.		28d.		29d.		30d.		31d.		Mean
Hour	Dir.	Vel	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Velocity
Midnight	10	2·4	10	1·9	10	2·1	09	4·4	10	3·3	08	3·5	08	3·4	10	2·2	10	3·2	08	2·2	08	3·3	07	3·1	11	2·8	08	2·5	09	2·4	2·8
1h	10	1·8	10	1·8	11	1·9	10	4·9	10	4·0	10	3·2	09	3·9	10	3·0	10	1·1	08	2·1	08	3·9	10	1·8	10	2·6	08	2·7	09	2·5	2·7
2	10	2·6	10	3·0	10	1·8	10	4·7	10	3·7	10	3·8	08	3·5	11	2·2	10	2·1	08	3·3	08	3·4	10	2·7	10	2·9	08	3·9	09	3·3	3·0
3	10	3·0	11	2·5	09	2·0	10	4·9	10	4·0	10	3·3	10	3·3	11	2·4	09	1·7	08	2·2	08	2·9	10	1·2	10	2·2	08	2·9	09	2·7	2·8
4	10	2·8	11	2·8	10	2·4	10	2·1	10	3·4	10	3·4	10	2·2	11	2·3	09	2·0	09	2·9	08	3·3	10	2·0	10	2·3	08	3·9	09	2·3	2·8
5	10	3·2	11	3·2	11	2·8	10	2·9	10	4·0	10	4·1	10	2·9	11	3·0	09	1·9	09	1·9	08	4·2	10	1·8	10	2·4	10	4·3	09	1·8	2·9
6	10	2·5	10	3·8	11	3·2	11	3·2	07	4·0	10	4·0	10	3·2	11	2·1	10	2·3	08	1·6	08	2·7	10	2·9	10	1·8	10	4·4	10	2·3	3·0
7	10	2·6	10	4·1	10	3·4	10	3·6	11	4·5	10	4·9	09	3·5	07	2·9	10	2·1	09	2·3	10	2·8	10	3·0	10	2·5	08	4·5	10	2·7	3·6
8	08	4·2	09	4·4	09	4·1	08	6·1	10	5·7	08	4·4	08	5·0	07	2·9	10	3·2	09	3·1	09	3·9	07	2·9	07	3·0	07	4·9	08	4·2	4·4
9	08	4·5	09	5·0	08	5·4	08	6·1	10	6·1	08	6·2	07	4·3	06	3·0	10	4·3	08	3·9	08	6·6	06	3·5	06	3·8	08	6·4	08	3·5	4·9
10	09	4·8	06	5·1	10	5·4	06	5·7	08	7·4	08	6·8	08	4·8	06	3·4	10	2·2	08	6·3	06	4·6	06	3·4	06	2·5	08	3·8	06	4·4	5·0
11	08	4·7	08	5·2	08	5·5	09	6·4	08	7·2	08	5·6	06	3·7	05	2·9	09	5·3	07	5·1	07	4·0	06	3·7	04	3·4	08	6·0	08	4·7	5·2
Noon	07	4·6	07	4·9	08	5·9	07	6·3	10	6·5	07	5·1	06	4·9	06	4·2	09	4·0	07	6·6	06	3·1	06	3·6	06	3·6	08	4·8	07	4·4	5·2
13h	09	5·0	06	4·6	07	4·4	07	5·7	08	6·7	07	4·4	07	5·1	06	4·4	08	5·1	06	4·7	08	4·6	06	4·5	06	2·7	08	5·1	08	4·5	5·0
14	08	5·9	06	4·8	06	4·9	07	6·4	09	6·1	07	6·3	08	4·5	07	3·1	08	3·5	07	5·0	06	4·4	08	3·9	06	5·1	06	4·1	06	4·1	4·9
15	11	5·1	08	4·9	08	5·0	08	6·2	09	6·5	08	5·5	08	5·8	06	3·5	07	5·7	08	5·4	08	4·3	08	3·9	06	4·0	06	2·6	10	4·7	4·8
16	09	5·2	08	5·1	06	5·3	08	6·4	08	6·8	08	7·3	08	5·0	06	5·9	10	5·5	07	5·9	08	4·3	07	4·0	06	4·4	06	2·1	09	4·9	5·2
17	10	6·0	08	5·3	07	5·1	09	6·6	08	7·1	08	5·9	08	4·5	06	3·5	09	5·7	07	4·6	09	4·7	09	4·1	06	3·4	05	3·4	07	4·5	5·0
18	08	5·3	08	4·5	06	4·4	08	6·2	09	6·2	09	5·3	10	6·1	08	3·7	09	5·1	07	5·0	09	4·2	09	4·0	08	4·2	05	2·4	10	4·0	4·4
19	08	4·5	10	3·8	06	3·3	09	5·2	10	5·3	08	5·0	08	4·3	10	4·0	08	5·3	08	6·0	10	3·2	11	2·8	08	3·7	06	1·5	09	3·5	3·0
20	08	4·0	08	3·4	08	3·3	09	4·4	08	4·4	08	4·9	06	2·3	10	3·7	10	3·9	08	3·2	09	3·4	10	2·7	08	3·6	06	1·3	08	4·2	3·4
21	08	3·0	10	5·5	09	4·4	09	4·0	09	4·7	08	3·2	06	1·2	12	3·9	10	3·5	08	4·0	09	3·0	09	4·0	07	2·7	10	2·0	08	2·3	3·3
22	08	2·9	11	3·4	09	4·4	10	4·2	09	3·6	08	3·6	10	2·2	12	1·7	09	3·3	08	2·5	10	3·1	10	2·6	07	4·1	10	1·8	08	3·1	3·0
23	10	2·2	11	2·8	09	4·3	10	4·2	08	3·9	08	3·6	10	2·6	12	3·3	08	2·9	08	3·0	07	2·4	11	2·2	06	3·0	07	2·9	08	2·9	3·1

Table XII.—Wind Frequency (Number of Observations) December, 1950

Hour	Force (0–12)			DIRECTION																
	8 or above	4 to 7	0 to 3	N.	N.N.E.	N.E.	E.N.E.	E.	E.S.E.	S.E.	S.S.E.	S.	S.S.W.	S.W.	W.S.W.	W.	W.N.W.	N.W.	N.N.W.
3	...	...	31	...	...	1	1	10	11	7	1	...	...	...	...	...	...	...	...
9	...	10	21	...	...	2	6	15	5	2	...	...	1	...	...	...	...	...	...
15	...	13	18	...	...	...	7	16	1	3	1	...	...	...	1	...	1	...	1
21	...	1	30	...		...	3	16	7	4	...	1	...	...	...	...	...	...	...
Totals	...	...	...	...	...	3	17	57	24	16	2	1	1	...	1	...	1	...	1

Table XIII.—Rainfall at every Hour of the Day at the Royal Alfred Observatory, December, 1950

Day Hour Ending	1d	2d	3d	4d	5d	6d	7d	8d	9d	10d	11d	12d	13d	14d	15d	16d	17d	18d	19d	20d	21d	22d	23d	24d	25d	26d	27d	28d	29d	30d	31d
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1h	...	0·7	...	...	...	0·4	...	...	...	...	...	...	0·5	0·5	...	...	...	...	...	...	...	...	...	...	2·0	...	...	0·3	...	...	0·1
2	...	6·0	...	...	...	0·4	...	...	...	1·0	...	...	0·7	0·8	...	...	...	...	...	...	...	...	...	0·1	0·1	...	...	...	...	0·8	...
3	...	7·0	...	...	...	0·5	...	...	...	...	...	...	0·5	0·8	...	...	...	...	...	...	...	...	...	...	1·2	0·1	...	...	...	0·1	...
4	...	6·1	...	...	...	0·4	...	...	...	...	...	...	...	0·7	...	...	...	...	...	...	...	...	0·2	...	...	...	...	...	...	...	...
5	...	4·9	...	...	...	...	...	...	...	...	...	...	...	0·9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	3·9	...	...	...	...	...	...	...	...	...	...	...	0·9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	...
7	...	0·4	...	...	...	0·2	...	...	...	0·1	...	...	...	0·6	...	...	...	...	0·4	...	...	...	...	4·4	...	...	...	...	...	0·1	0·1
8	...	...	...	...	...	0·2	...	...	...	...	...	...	...	0·9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·9	...	0·7	...
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Noon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13h	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·6	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	...	...	0·4	...	...	...	...	...	...	...	...	...	0·4	...	...	...	...	...	...	...	...	...	...	0·1	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	...	...	...	...	0·2	...
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·4	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	0·8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	0·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·0	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·4	...	0·2	...	...	0·1	...	0·4	0·3
22	1·6	...	...	...	...	...	...	...	...	...	...	...	0·3	...	...	...	...	...	...	...	...	...	0·7	...	...	...	...	...	...	...	...
23	0·2	...	...	...	0·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·2	...	0·1	...	...
24	0·2	...	...	...	...	...	...	...	...	...	...	0·1	0·1	...	...	...	0·6	...	...	...	...	...	...	...	...	...	...	...	0·6	1·0	...

Table XIV.—Rainfall at every Hour of the Day at the Aerological Station, Vacoas, for December, 1950

Day Hour	1d	2d	3d	4d	5d	6d	7d	8d	9d	10d	11d	12d	13d	14d	15d	16d	17d	18d	19d	20d	21d	22d	23d	24d	25d	26d	27d	28d	29d	30d	31d
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1h	...	2·0	...	...	...	0·8	0·7	...	...	0·1	...	...	...	10·2	...	...	...	...	1·0	...	...	...	...	...	1·9	...	...	...	...	0·3	...
2	...	6.5	...	...	...	3.2	0·6	...	...	...	...	...	...	18·5	...	...	...	...	...	...	0·5	...	...	...	...	...	...	0·1	...	0·2	...
3	...	0·2	...	...	...	1·0	0·5	...	...	...	...	...	...	11·9	...	...	...	...	0·3	...	...	...	1·0	...	...	...	...	...	...	...	...
4	...	...	0·1	...	...	0·8	0·2	...	...	...	...	...	...	1·5	...	...	...	...	...	...	...	...	0·4	0·1	...	...	...	...	...	0·9	...
5	...	...	0·3	...	...	0·9	0·3	...	...	...	...	...	...	0·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·3	0·2
6	...	...	...	...	...	2·2	0·3	...	...	...	...	...	...	3·3	...	...	...	...	...	0·8	...	...	...	...	...	...	...	...	...	...	...
7	...	...	...	...	...	1·1	...	...	...	0·2	...	...	...	0·2	...	...	...	...	...	0·6	...	...	...	...	0·2	...	...	...	...	...	...
8	...	...	...	...	...	0·9	...	...	...	...	...	...	...	0·1	...	...	...	...	...	...	...	...	...	0·2	...	...	...	...	...	...	...
9	...	...	...	...	...	3·7	...	...	...	...	...	...	...	0·8	...	...	...	...	...	...	...	...	0·1	0·1	...	...	...	...	...	...	...
10	...	...	...	...	...	1·0	...	...	...	...	...	...	...	1·6	...	...	...	...	...	...	0·1	...	...	...	...	...	...	...	...	...	0·1
11	...	...	...	...	...	5·0	...	...	...	...	...	...	...	10·0	...	...	...	...	...	...	...	...	...	0·3	...	...	...	...	...	...	0·3
Noon	...	...	...	...	...	3·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13h	...	...	...	...	...	3·7	...	...	...	...	...	...	...	...	...	...	...	...	0.1	...	...	...	...	...	...	...	...	...	...	...	...
14	0·3	...	...	...	...	3·5	...	...	...	...	...	...	...	...	...	...	...	...	1·2	...	...	...	...	...	...	...	...	...	...	0·3	...
15	...	...	...	...	...	1·9	...	...	1·3	...	...	...	...	...	...	...	...	...	0·7	...	...	...	...	3·7	...	...	...	...	...	1·5	...
16	...	...	...	...	...	2·0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	...	...	...	0.5	...	0·9	...
17	...	0·1	...	...	0·5	2·8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·3	0·1
18	...	...	...	...	1·2	2·4	...	...	...	...	...	...	...	...	...	...	...	...	0·4	...	...	...	...	1·4	...	...	...	...	...	...	...
19	...	...	...	...	...	2·0	...	...	0·5	...	...	0·6	...	...	...	...	...	...	1·0	...	...	...	0·4	0·7	...	...	...	...	...	0·2	...
20	...	...	...	...	0·4	1·4	...	...	...	0·7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·0	...
21	...	...	...	...	2·0	1·4	...	...	...	...	...	...	0·2	...	...	...	...	0·2	...	...	...	...	0.2	...	...	...	...	...	...	1·6	...
22	...	...	...	...	1·9	0·7	...	...	...	...	...	...	0·2	...	...	...	...	...	...	...	...	...	0·3	...	...	...	0·1	...	1·1	...	...
23	...	...	...	...	1·0	0·4	...	...	...	...	...	...	0·5	...	...	...	...	0·8	...	...	...	...	0.8	...	...	...	0·1	...	0·2	0·7	...
24	...	0·1	...	...	3·5	0·7	...	...	...	...	...	...	0·8	...	...	...	...	...	...	...	...	...	...	0·3	...	...	0·2	...	...	0·3	...

Table XV.—Total Monthly Rainfall at Various Stations in Mauritius according to Districts, December, 1950

Districts	Stations	Approximate Altitude in feet.	Total fall in inches.	Total fall in mms.	Normal in inches.	Number of days
B. River	Albion Ltd. Bambous ...	—	1·36	34·6	—	6
	Anna Ltd., Bambous ...	—	—	—	—	—
	Beau Songe	—	—	—	—	—
	Case Noyale	—	—	—	—	—
	Clarens ...	—	4.32	109·7	—	7
	Govt. School, Bambous ...	—	0·78	19·8	—	5
	Grande Rivière Noire ...	—	—	—	—	—
	La Ferme	—	1·71	43·4	5·55	6
	La Mecque	—	2·77	70·4	—	8
	Les Rosières	—	1·57	39·9	—	4
	Médine	—	3·93	99·9	—	10
	Mon Desir, Tamarin ...	—	4·20	106·7	—	7
	Palma	—	—	—	—	—
	Palmyre	—	5·44	138·2	—	7
	Petit Verger	—	—	—	—	—
	Pierre Fonds	—	4·40	111·8	8·28	8
	Richelieu	—	2·08	52·9	—	7
	Tamarin	-	10·35	262·9	—	9
Port Louis	Abercrombie Nursery ...	—	3·30	83·9	—	19
	Line Barracks	—	1·19	30·1	—	10
Pamplemousses	Beau Plan	—	2·05	52·1	—	7
	Belle Vue (Harel) ...	—	—	—	—	—
	Belle Vue (Maurel) ..	—	4·02	102·1	—	13
	Bois Rouge (de St. Romain)	—	—	—	—	—
	Botanical Gardens ...	325	1.86	47·3	5·92	11
	California	—	7·32	185·9	—	9
	Couroupa	—	—	—	—	—
	Fond du Sac (Ramlagan) ...	—	—	—	—	—
	Govt. School, Pl. des Papayes	—	4·83	122·7	—	7
	La Nicolière	—	8·23	209·0	6·59	15
	Montagne Longue ...	—	—	—	—	—
	Mapou	—	—	—	—	—
	Mascilia and Balaklava ...	—	—	—	—	—
	Mon Choisy, Grand Bay ...	—	2·64	67·1	—	8
	Mon Mascal, Grand Bay ...	—	2·25	57·2	—	2
	Mont Piton	680	3·20	81·3	6·42	9
	Mon Songe (Mapou) ...	620	3·34	84·8	6·49	11
	Rouge Terre, Fond du Sac ...	—	0·35	8·9	—	1
	Solitude	175	1·75	45.5	3·70	4
	Sottise, Mapou	—	2·54	64·5	—	7
	Terre Rouge	—	-	—	—	—
	The Observatory ...	179	2·97	75·4	4·68	17
	Maison Blanche ..	—	2·19	55·6	—	4
	Le Souvenir	—	1·96	49·8	—	7
	Pamplemousses Experiment Station	—	2·62	66·5	—	16
	Notre Dame (La Nouvelle Industrie Ltée)	—	3·03	77·0	—	11
Rivière du Rempart	Antoinette	640	4·82	122·4	6.17	14
	Beau Bois, B. Verdiere ...	—	—	—	—	—
	Beau Séjour	300	2·79	70·9	5·46	12
	Bel Etang	—	7·51	190·8	—	16
	Bel Mont	50	1·93	49·0	4·39	6
	Esperance (Harel) ...	—	—	—	—	—
	Esperance (Souchon) ...	—	2·54	64·5	—	12
	Forbach	—	—	—	3·60	—
	Govt. School Grand Bay ...	—	0·52	13·3	—	2
	Haute Rive	—	—	—	—	—
	Ile d'Ambre	—	2·25	57·2	—	3
	Labourdonnais ...	290	1·69	42·8	5·04	7
	L'Amitié	—	—	—	—	—
	Mare Sèche, Grand Bay ...	20	—	—	—	—
	Mon Choix	700	2·92	74·2	5·93	11
	Mon Loisir (Lagesse) ...	—	3·75	95·3	—	10
	Mon Loisir (Rouillard ...	—	—	—	5·22	—
	Mon Tracas (Audibert ...	—	—	—	—	—
	Petit Raffray, Mapou ...	—	—	—	—	—
	Poudre d'Or	20	1·81	46·0	4.08	6
	Ravensworth	—	5·80	147·3	—	10
	Schoenfield	—	—	—	—	—
	St. Antoine	50	2·65	67·3	3·69	9
Flacq	Australia, Pont Praslin ...	—	6·91	175·5	—	11
	Beau Bois, St. Julien ...	—	5·50	139·7	—	12
	Beau Champ, G.R.S.E. ...	20	2·84	72·1	6·24	7
	Bel Etang	—	7·51	190·8	—	16
	Belle Mare, Argy ...	—	—	—	—	—
	Belle Rive	400	4·16	105·7	10·45	8
	Belle Vue (Allendy) ...	—	3·78	96·0	8·56	7
	Bois Clair	—	—	—	—	—
	Brisée Verdière ...	—	—	—	—	—
	Camp de Masque ...	—	—	—	—	—
	Caroline, Bel Air ...	—	—	—	—	—
	Castel Estate, Bel Air ...	—	—	—	—	—
	Clemencia	—	—	—	—	—
	Constance La Gaieté ...	100	3·65	92.7	6·69	7
	Deep River	—	9·30	236·2	—	16
	Etoile	—	5·39	136·9	—	6
	Govt. School Central Flacq	—	1·08	27·4	—	13
	Govt. School, G.R.S.E. ...	—	4·53	115·1	—	13
	Grande Retraite ...	—	—	—	—	—
	Grosse Roche	—	—	—	—	—
	La Lucie, Bel Air ...	—	—	—	—	—
	Melrose, Montagne Blanche	—	—	—	—	—
	Olivia	400	2·58	65·5	8·92	6
	Palmar	—	—	—	—	—
	Petite Etoile, Bel Air ..	—	—	—	—	—
	Petite Victoria ...	—	—	—	—	—
	Queen Victoria ...	—	4·71	119·6	—	12
	Rich Fund, St. Julien ...	—	6·08	154·4	—	10
	Riviere Seche		4·65	118·1	—	11
	Ruisseau Rose	—	—	—	—	—
	Sans Souci	900	10·20	259·1	10·74	24
	Sebastopol	—	—	—	—	—
	Trois Ilots	—	2·74	69·6	—	8
	Union Regnard S.E. ..	600	6·74	171·2	6·91	14
	Unite	—	—	—	—	—
	Terres Franches ...	—	5·21	132·3	—	6
	Terres Rocheuses ...	—	4·87	123·7	—	5
	Beau Rivage Estate ...	—	5·35	135·9	—	12
G. Port	Anse Jonchée	—	—	—	—	—
	Astroea, Cluny ...	—	6·68	169·7	—	18
	Beau Lieu, Union Park ...	—	—	—	—	—
	Beau Vallon (La Cour) ...	—	2·99	75·9	—	9
	Deux Bras	—	7·24	183·4	—	15
	Eau Bleue, Cluny	—	—	—	—	—
	Ferney	20	5·00	127·0	8·55	15
	Grand Bois, Rose Belle ...	—	—	—	—	—
	Gungah Frères, New Grove	—	—	—	—	—
	Khoyratty, Escalier ...	—	—	-	—	—
	La Vallée, Cluny ..	—	—	—	—	—
	Le Vallon	—	—	—	—	—
	Mare d'Albert	—	—	—	—	—
	Mon Désert Carié ...	75	—	—	5·87	—
	Mon Trésor	—	2·59	65·8	—	9
	New Grove	650	6·49	164·8	—	14
	Plaisance Airfield ...	160	2·15	54·5	—	21
	Riche-en-Eau	—	6·41	162·8	—	10
	Rose Belle	850	13·84	351·6	11·11	25
	Sauve Terre	—	1·01	25·7	—	6
	Savinia	—	0·23	5·8	—	2
	Ste. Hélène	—	2·23	56·6	—	9
	St. Hubert, Cluny ...	—	13·25	336·6	—	15
	Ste. Madeleine, Cluny ...	—	—	—	—	—
	Union Park	—	—	—	—	—
	Union Vale	—	1·88	47·8	—	9
	La Baraque	—	1·21	30·7	—	8
Savanne	Baie du Cap	—	—	—	—	—
	Beau Bois	—	5·51	140·0	—	17
	Beau Champ, B. du Cap ...	70	7·85	199·4	5·87	7
	Beau Climat	—	17·03	433·6	—	18

Table XV contd.—Total Monthly Rainfall at Various Stations in Mauritius according to Districts, December, 1950

Districts	Stations	Approximate altitude in feet	Total fall in inches	Total fall in mms.	Normal in inches	Number of days
Savanne	Bel Air, Montocchio ...	—	—	—	—	—
	Bel Air (St. Félix) ...	—	1·47	37·3	—	7
	Bel Air, Chemin Grenier ...	—	—	—	—	—
	Bel Ombre	40	9·72	246·9	5·40	11
	Bénarès	—	1·53	38·9	—	14
	Bois Chéri Tea Factory ...	—	16·21	417·7	—	24
	Britannia	700	5·22	132·6	9·05	18
	Camp Diable	—	—	—	—	—
	Cascades	—	—	—	—	—
	Chamouny, Chemin Grenier	—	—	—	—	—
	Choisy, Baie du Cap ...	200	6·61	167·9	6·71	14
	Colmar	400	5·60	142·2	8·47	16
	Combo	—	4·55	115·6	—	9
	Fontenelle	320	2·68	68·1	6·39	2
	Frederica	—	9·03	229·4	6·09	10
	Joli Bois; Rivière Dragon ...	—	—	—	—	—
	La Flora	1,050	13·86	352·0	9·76	18
	Chateau	—	2·70	68·6	—	15
	Luchon	—	—	—	—	—
	Martiniere, Souillac ...	—	—	—	—	—
	Plaines Longanes ...	—	—	—	—	—
	Riche Bois	650	3·45	87·6	10·01	16
	Ruxa, R. des Anguilles ...	—	2·25	57·2	—	7
	Savannah	200	1·09	27·7	6·49	9
	St. Aubin	300	2·48	63·0	7·53	15
	St. Avold ...	900	7·75	196·9	9·56	17
	St. Félix	—	1·15	29·2	—	8
	Ste. Marie	—	7·29	185·2	—	7
	Terracîne	—	2·32	58·9	—	6
	Tivoli	1,300	10·22	259·6	10·59	15
	Union S.E.	—	1·80	45·6	6·34	6
	R. des Anguilles Estate ...	—	1·52	38·6	—	9
Plaines Wilhems	Aerological Station, Vacoas	1,393	6·48	164·7	9·10	23
	Bagatelle	1,250	5·90	149·9	7·05	13
	Barkly, Beau Bassin ...	—	1·23	31·2	—	70
	Bassin, Quatre Bornes ...	—	3·93	99·8	9·80	12
	Belle Vue (Martin) ...	—	1·13	28·7	—	4
	Chebel	—	1·17	29·7	—	5
	Clermont, Petite Rivière	—	—	—	—	—
	Curepipe Gardens ...	1,840	14·73	374·2	10·53	20
	Ebène	—	4·36	110·7	—	14
	Floréal	—	—	—	—	—
	Gros Cailloux, Pte. Rivière	—	1·51	38·4	—	5
	Henrietta	—	6·22	158·0	—	15
	Highlands	1,000	6·97	177·0	8·59	13
	Crown Land Wootton ...	—	11·15	283.2	—	25
	La Marie Filter Beds ...	1,700	9·18	233·2	9·00	18
	Les Rosieres, Pte. Riviere	—	—	—	—	—
	Malgré Tout, Pte. Riviere	—	—	—	—	—
Plaines Wilhems	Moon	—	2·83	71·9	—	13
	Mare-aux-Vacoas (Arn.) ...	1,880	16·53	419·9	11·43	21
	Mare-aux-Vacoas (G.End.)	1.850	18·26	463·8	11·07	21
	Midlands Dam ...	—	11·03	280·2	—	16
	Nouvelle France ..	—	—	—	—	—
	Parc-aux-Cerfs (Tea Plantations)	—	11·15	283·2	—	26
	Pétrin	—	13·36	339·3	—	20
	Phœnix	—	4·32	109·7	—	6
	Quatre Bornes... ...	1,090	2·93	74·4	—	6
	Réunion	1,420	7·96	202·2	8·80	15
	Roches Brunes, B. Bassin	—	—	—	—	—
	Curepipe, Royal College ...	—	—	—	—	—
	Tamarind Falls ...	—	7·17	182·1	—	15
	Trianon	950	4·88	123·7	6·88	8
	Mare Longue	—	14·17	359·9	—	23
Moka	Alma	1,460	10·19	258·8	11·14	16
	Bega	—	2·41	61·2	—	10
	Beau Bois (Moka) ...	—	—	—	—	—
	Bonne Veine	400	10·29	261·4	10·06	18
	Chantenay, Moka ...	—	—	—	—	—
	Circonstance	—	—	—	—	—
	Cote d'Or	—	6·55	166·4	—	11
	Helvetia	—	—	—	—	—
	Hermitage	1,450	7·28	184·9	15·28	10
	Le Reduit	1,000	3·58	90·9	6·60	15
	Minissy	1,150	6·08	154·4	9·25	14
	Mont Desert	—	5·20	132·1	—	10
	Mont Ida, Q. Militaire ...	—	—	—	—	—
	Mont Pevril	—	4·00	101·6	—	14
	Mon Rêve	—	5·42	137·7	—	14
	Réduit Ltd., Moka ...	—	—	—	—	—
	Ripailles; St. Pierre ...	—	—	—	—	—
	Piton du Milieu Reservoir ...	—	10·87	276·1	—	23
	Flat Island	—	3·67	93·1	—	4
Rodrigues	Oyster Bay	—	4·56	115·7	—	18
	Point Venus	—	5·04	128·0	—	19
	Solitude	—	7·32	186·0	—	20
Chagos-Archipelago	Diégo-Garcia, Met. Station	—	—	—	—	—
	Peros Banhos	—	6·13	155·7	—	2
	Salomon Islands (Boddam)	—	8·37	212·6	—	10
Cargados Caragos	St. Brandon	—	6·18	157·0	—	18
Agalega	Met. Station	—	2·36	59·9	—	17

Table XVI.—Observations of Pilot Ballons, month of December, 1950

Date	Time	1,000 feet		3,000 feet		5,000 feet		7,000 feet		10,000 feet		13,000 feet		15,000 feet		17,000 feet		20,000 feet		25,000 feet		30,000 feet	
		Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.	Dir. °	Vel. m.p.h.
1	08.30	07	05	07	01	06	01	02	11	..	...	...	...	...	...	...	...	...	...	...	...	...	...
2	08.34	08	14	09	11	08	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	08.39	12	18	11	14	11	16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	08.54	13	16	13	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	09.40	13	14	13	23	10	16	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...
6	08.28	15	16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	08.40	20	02	20	12	22	12	24	11	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	08.35	04	04	05	03	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	08.30	09	17	08	16	08	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	08.46	11	31	10	10	09	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	08.30	11	12	09	17	08	16	05	08	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	08.58	10	14	10	12	03	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	08.10	10	18	10	25	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...
14	08.23	08	21	07	22	06	24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	08.21	07	08	07	07	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	08.40	09	22	09	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	07.45	10	20	10	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	08.30	10	19	10	14	08	21	09	09	13	07	...	...	...	...	...	...	...	...	...	...	...	...
19	08.50	11	17	09	14	07	21	08	17	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	08.40	11	19	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...
21	08.45	10	15	11	17	10	11	09	04	10	11	13	08	...	...	...	...	...	...	...	...	...	...
22	08.30	09	12	10	15	10	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	08.55	08	07	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	08.50	09	14	08	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	08.45	10	07	10	10	10	06	09	08	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	08.10	10	13	10	19	08	10	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27	08.15	10	17	09	16	09	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	09.50	08	10	07	14	07	11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	08.50	08	15	05	09	.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30	09.35	08	21	09	22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
31	08.54	10	18	18	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE XVII. Monthly and Yearly Means and Extremes of the Meteorological Elements for the Year 1950

Month	Atmospheric Pressure	Temperature of the Air: Absolute Maxima	Absolute Minima	Absolute Range	Mean of the Daily Maxima	Mean of the Daily Minima	Mean of the Daily Ranges	Mean	Excess of Air Temperature over Evaporation Temperature	Temperature of the Dew Point	Relative Humidity (Sat. = 100)	Vapour Pressure	Rainfall: Amount recorded by the Dines' pluviograph	Duration	Mean Daily Amount of Evaporation
	mbs.	°C	°C	°C	°C	°C	°C	°C	°C	°C	%	mbs.	mms.	mins.	mms.
January	1003·2	34·0	19·1	14·9	31·4	23·3	8·1	27·0	4·1	20·8	68·9	24·6	126·6	1290	7·3
February	1005·4	32·7	21·0	11·7	30·2	22·9	7·3	26·2	4·3	19·6	67·1	22·8	58·2	775	7·2
March	1007·2	31·2	20·2	11·0	29·0	22·3	6·7	25·3	2·7	21·2	78·0	25·2	355·6	3540	4·6
April	1007·9	29·8	18·9	10·9	27·4	21·2	6·2	24.1	3·0	19·5	75·7	22·7	153·9	3035	4·3
May	1008·6	28·6	12·4	16·2	26·4	17·2	9·2	21·5	2·4	17·6	78·5	20·1	75·3	870	3·2
June	1011·9	27·3	14·6	12·7	24·9	17·8	7·1	21·2	2·9	16·5	74·6	18·8	63·4	1375	3·0
July	1014·4	25·3	12·5	12·8	23·4	16·4	7·0	19·6	3·5	13·5	68·0	15·5	45·5	1185	3·3
August	1012·6	25·8	10·5	15·3	24·1	16·5	7·6	20·0	2·9	15·1	73·5	17·2	38·5	1495	3·5
September ...	1015·0	27·2	11·5	15·7	24·8	16·6	8·2	20·4	4·6	12·3	59·6	14·3	34·4	1225	5·0
October	1010·8	28·5	12·0	16·5	27·2	18·4	8·8	22·5	4·7	14·6	60·8	16·6	36·8	1205	6·3
November ...	1008·3	31·7	15·4	16·3	29·5	19·1	10·4	24·0	4·8	16·2	61·7	18·4	11·0	295	7·5
December ...	1007·7	33·1	19·5	13·6	30·3	21·9	8·4	25·7	4·9	18·0	62·4	20·6	66·8	2115	7·1
Year	1009·4	29·6	15·6	14·0	27·4	19·5	7·9	23·1	3·7	17·1	69·1	19·7	1066·0	306·7 hrs.	5·2
Maximum ...	1019·5 March 3rd	34·0 Jan. 2nd	—	16·5 October	31·4 January	—	10·4 Nov.	—	—	—	—	—	84·4 mms ending 04.00 hours on March 9th		10·8 Dec. 22nd
Minimum ..	994·4 January 13th	—	10·5 Aug. 3rd	10.9 April	—	16·4 July	6·2 April	—	—	—	—	—			1·2 June 20th

Month	Mean Minimum on Grass	Temperature of the Soil: Feet 10	Feet 5	Feet 2	Foot 1	Daily Duration of Bright Sunshine	Percentage of Possible Sunshine	Observed Wind Velocity	Number of days of: Rain	Lightning	Thunderstorm
	°C	°C	°C	°C	°C	hours	%	m.p.s.			
January	21·2	24·61	25·93	27·57	29·22	8·36	63·6	3·47	15	—	—
February	20·4	25·18	26·49	27.88	28·97	9·74	76·5	4·48	16	—	1
March	20·4	25·23	25·56	27·26	28·12	5·81	47·7	3·11	25	3	6
April	19·0	25·61	26·67	26·51	27·32	7·64	65·7	3·64	21	—	—
May	14·1	25·65	25·98	25·00	25·41	7·94	71·3	2·64	11	—	1
June	14·2	25·35	24·97	23·22	23·54	7·10	65·0	3·32	20	—	—
July	13·0	24·89	24·27	22·18	22·47	7·96	72·4	4·11	22	—	—
August	13·6	24·19	23·44	21·68	22·33	6·58	57·8	3·76	15	—	—
September	12.8	23·87	23·18	21·87	22·79	8·00	67·0	4·02	19	—	—
October	14·5	23·85	23·15	23·26	24·72	8·61	69·0	3·67	12	—	—
November	14·9	23·79	23·96	24·86	26·65	9·56	73·5	3·34	9	—	—
December	19·1	23·85	24·75	26·41	27·88	9·53	71·8	3·93	20	—	1
Year	16·4	24·67	24·86	24·81	25·76	8·07	66·8	3·62	205	3	9
Maximum	—	25·9 April	27·9 February	29·9 February	30·1 January	12·6 January 27th and December 4th	97·0 Jan. 27th, Feb. 21st and Feb. 28th	10·8 January 13th	25 March	3 March	6 March
Minimum	8·0 August 3rd	23·6 November	23·0 October	21·1 August	21·6 August	0·0 often	0 often	—	9 November	—	—

Table XVIII.—Monthly and Yearly Means of the Magnetical Elements for the year 1950

Month of 1950	Declination (West)	Horizontal Force (C.G.S. Units)	Vertical Force (C.G.S. Units)	Total Force (C.G.S. Units)	Dip. (South)	X	Y	Z	Mean of the Daily Range		
									Declination	Horizontal Force	Vertical Force
										Unit 1γ	
January	15°36′·95	·22317	·30366	·37685	53°41′·20	·21492	−·060077	·30366	8′·80	51·0	23·2
February... ...	38·18	·319	·362	·683	40·83	·492	·155	·362	10·21	43·4	29·9
March ...	38·36	·313	·361	·678	41.22	·487	·150	·361	8·54	43·0	32·0
April	37·87	·311	·365	·680	41·58	486	·113	·365	7·49	48·8	31·9
May	38·83	·335	·376	·704	40·42	·507	·240	·376	5·92	51·4	33·0
June	39·86	·327	·397	·716	42·13	·498	·281	·397	5·69	45·5	26·0
July	40·56	·342	·399	·726	41·13	·511	·363	·399	5·71	48·9	27·0
August	40·83	·321	·410	·723	43·27	·490	·327	·410	6·60	46·6	32·8
September ...	42·08	·331	·425	·741	43·35	·498	·428	·425	6·56	56·0	37·7
October	42·59	·319	—	—	—	·485	·426	—	7·47	58·3	—
November ...	—	·313	·439	·741	45·43	—	—	·439	—	44·7	18·5
December ...	—	·308	·441	·740	45·90	—	—	·441	—	39·8	23·2
Mean	—	—	—	—	—	—	—	—	—	—	—
Year	15°39′·61	·22321	·30395	·37711	53°42′·41	·21495	−·060256	·30395	7′·30	48·[illegible]	28·7