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METEOROLOGICAL OBSERVATIONS

TAKEN AT SUVA

QC
993
.F4
948
1919

DURING

1919.

(LAT. 18° 8′ S., LONG. 178° 26′ E., COLONIAL STANDARD TIME BEING 12h. 0m. 0s. FAST OF GREENWICH MEAN TIME.)

By

CHARLES H. KNOWLES, B.Sc. (Lond.),

SUPERINTENDENT OF AGRICULTURE.

BY AUTHORITY: S. BACH, GOVERNMENT PRINTER, SUVA.

1920.

National Oceanic and Atmospheric Administration

Environmental Data Rescue Program

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Information Manufacturing Corporation
Imaging Subcontractor
Rocket Center, West Virginia
September 14, 1999

MONTHLY MEANS FOR THE YEAR 1919, SUVA STATION, TAKEN AT 9 A.M.

Months.	Mean Pressure.	Air Temperature (°F.)							Tension of Aqueous Vapour.	Relative Humidity (saturation = 100)
		Dry Bulb.	Means of		Absolute Minimum and Maximum.					
			Min	Max.						
	Inches of Mercury.				Min.	Date	Max.	Date	Inches of Mercury.	
January	29·813	81·1	73·7	85·3	68·8	4	90·6	30	·893	84·3
February	29·917	80·9	74·2	85·3	70·4	28	90·6	26	·883	84·1
March	29·888	80·0	74·1	86·0	70·2	6	90·0	12	·878	85·7
April	29·958	78·2	72·9	84·0	69·0	27	88·0	21	·862	89·5
May	30·019	74·2	69·6	79·5	62·4	21	84·8	20	·714	84·3
June	30·002	73·0	68·6	77·8	64·6	22	85·0	2	·715	87·9
July	30·007	73·7	70·7	77·2	65·8	17	83·2	24	·754	90·6
August	30·005	72·0	68·4	76·3	63·8	30	84·8	4	·685	87·6
September	30·039	73·9	68·5	78·3	62·8	7	89·4	6	·681	70·6
October	30·012	75·9	69·8	80·3	63·4	17	88·4	5	·761	85·2
November	29·953	78·8	72·0	82·2	70·4	7	86·0	26	·808	82·3
December	29·871	79·0	73·6	82·9	69·0	21	88·0	9	·842	85·2
Year	29·957	76·7	71·3	81·3	....	.....	....	.....	·798	84·8

Months.	Amount of Cloud.	Rainfall.			Weather. Number of days of						Wind. Number of observations of								
		Total.	Max.	Date.	Rain.	Hail.	Thunder Storms.	Clear Sky.	Over-cast.	Gales	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
	0-10.	Inches.	Inches																
January ..	6·8	9·78	1·90	27	26	..	..	..	..	..	..	2	..	23	1	1	1	..	3
February ..	6·3	7·59	1·99	9	21	..	6	..	..	(1)	1	..	4	15	3	..	..	..	5
March ..	4·9	12·97	3·19	13	21	..	6	2	..	(2)	2	1	3	10	4	3	1	4	3
April.. ..	6·3	26·76	6·86	16	27	..	8	2	..	..	3	..	..	7	2	..	..	1	17
May	5·2	3·01	0·76	11	15	..	..	3	..	..	..	1	..	18	1	..	..	2	9
June	7·3	8·87	2·19	15	16	..	..	2	..	..	1	2	1	9	1	..	..	2	14
July	7·6	10·08	1·77	22	29	..	4	1	..	..	..	6	2	12	..	..	..	..	11
August ..	8·6	4·12	1·08	6	16	..	..	2	..	..	..	1	..	9	..	..	..	..	21
September ..	7·2	11·36	4·59	23	18	..	..	6	..	..	..	..	2	15	..	1	..	..	12
October ..	7·2	17·10	8·36	19	21	..	2	5	..	..	..	1	2	5	..	..	..	..	23
November ..	8·0	14·34	6·97	30	16	..	4	3	..	..	..	1	3	7	..	..	..	..	19
December ..	9·0	12·20	2·20	14	22	..	2	..	..	..	..	1	3	15	1	1	1	3	6
Year ..	7·0	138·18	...	..	248	..	32	26	..	..	7	16	20	145	13	6	3	12	143

(1) Storm on 8th and 9th affected the Yasawa Group. (2) Storm on 27th affected Taveuni and parts of Lau.

Date.	Barometer reduced to 32° F. and M.S.L.	Air Temperature at 9 a.m.			Vapour tension.	Relative humidity.	Direction of wind and strength on Beaufort's Scale.	Amount of cloud.	Rainfall.
		Dry Bulb.	Max.	Min.					
	"	°F.	°F.	°F.	"	0–100	0–12	1–10	"
				JANUARY.					
1	29·950	80·0	84·0	73·8	·796	77	S.E. 4	10	..
2	29·948	80·4	83·8	73·6	·759	73	S.E. 5	6	..
3	29·926	81·2	84·8	71·8	·673	63	S.E. 3	3	..
4	29·871	82·2	85·2	68·8	·799	73	S.E. 2	4	0·45
5	29·823	76·4	80·2	74·0	·851	93	S.E. 1	10	0·36
6	29·803	78·0	81·6	72·2	·848	89	S.W. 2	8	0·08
7	29·904	79·0	85·4	71·8	·877	89	W. 1	8	0·12
8	29·860	78·8	85·6	69·2	·851	87	S.E. 4	8	0·18
9	29·832	80·2	85·8	73·6	·837	81	S.E. 4	10	0·07
10	29·735	78·2	87·2	73·6	·903	94	S.E. 3	10	0·28
11	29·700	80·4	84·8	74·8	·949	92	S.E. 4	8	0·01
12	29·776	82·2	84·8	75·0	·865	78	S. 4	6	0·14
13	29·853	76·0	83·6	72·2	·840	93	....	10	0·03
14	29·849	79·8	82·6	73·8	·880	87	S.E. 3	10	0·09
15	29·856	81·8	83·2	72·4	·921	85	....	6	0·33
16	29·852	80·8	81·8	73·8	·883	84	S.E. 2	9	1·75
17	29·869	80·6	87·2	73·0	·924	89	S.E. 1	6	0·03
18	29·910	84·0	87·4	73·8	·940	81	S.E. 1	2	0·53
19	29·940	82·8	86·6	75·0	·965	86	S.E. 2	5	0·27
20	29·960	84·4	86·0	76·2	·943	80	S.E. 2	4	..
21	29·936	82·6	86·4	75·4	·874	78	S.E. 3	3	..
22	29·863	82·6	87·0	73·8	·865	77	S.E. 3	4	0·15
23	29·837	82·4	85·8	74·4	·961	87	S.E. 2	5	0·22
24	29·810	82·8	86·8	73·8	·912	81	S.E. 2	2	0·06
25	29·769	83·6	87·0	74·8	·968	84	S.E. 2	5	0·22
26	29·725	85·0	86·0	74·4	·981	81	S.E. 4	8	1·41
27	29·703	82·4	84·6	73·2	·930	84	S.E. 3	6	1·90
28	29·682	80·2	86·2	74·6	·965	94	N.E. 2	10	0·75
29	29·607	81·2	88·4	75·0	·984	93	N.E. 2	10	0·13
30	29·550	82·6	90·6	75·6	·958	86	....	6	0·10
31	29·518	80·0	85·0	76·2	·968	95	S.E. 3	10	0·12
Aver.	29·813	81·1	85·3	73·7	·893	84·3	2·4	6·8	..
Total ..	....	..	..	..	..	..	....	..	9·78
				FEBRUARY.					
1	29·628	81·2	82·8	77·2	·974	92	S.E. 4	10	0·35
2	29·733	80·8	83·6	75·0	·834	79	S.E. 4	10	..
3	29·801	81·0	84·8	74·8	·820	77	S.E. 4	8	0·09
4	29·834	82·0	85·4	73·2	·796	72	S.E. 3	6	0·06
5	29·876	76·8	85·2	74·4	·834	90	S. 3	10	0·19
6	29·852	77·0	82·6	73·0	·888	96	S.E. 1	10	0·31
7	29·886	82·8	85·8	75·8	·863	76	S.E. 4	8	0·50
8	29·829	80·4	84·2	75·6	·958	93	S. 3	10	1·60
9	29·630	78·8	83·2	71·2	·943	96	S.E. 9	10	1·99
10	29·889	80·6	82·6	74·6	·987	95	S.E. 2	10	0·34
11	29·988	82·6	88·6	77·0	·958	86	N. 2	4	..
12	30·009	82·8	86·4	75·0	·965	86	S. 3	6	0·09
13	30·028	81·6	85·4	73·4	·818	76	S.E. 2	1	0·02
14	30·022	78·2	85·4	74·2	·843	88	S.E. 2	10	0·19
15	30·053	79·8	85·2	74·6	·880	87	S.E. 4	8	0·14
16	30·048	80·0	86·4	75·0	·785	76	E. 3	4	..
17	29·998	80·2	82·6	72·0	·837	81	E. 3	10	0·33
18	30·029	81·8	86·0	75·4	·883	81	E. 3	3	0·05
19	30·031	81·8	82·8	75·8	·934	86	S.E. 2	8	0·27
20	29·963	82·8	86·2	74·6	·921	82	S.E. 2	2	..
21	29·916	83·8	86·2	74·8	·846	73	S.E. 1	2	..
22	29·926	82·0	85·8	73·8	·918	84	....	3	0·18
23	29·920	83·2	87·4	70·6	·903	80	S.E. 1	3	..
24	29·974	81·4	86·4	73·0	·851	79	E. 1	2	0·03
25	29·972	81·2	86·8	71·8	·834	78	....	2	0·11
26	29·980	82·4	90·6	76·6	·909	91	....	4	..
27	29·949	80·4	80·6	75·8	·906	88	....	10	0·16
28	29·862	78·2	88·2	70·4	·840	87	....	2	0·59
Aver. ..	29·917	80·9	85·3	74·2	·883	84·1	2·4	6·3	..
Total ..	....	..	..	..	..	..	....	..	7·59

Date.	Barometer reduced to 32° F. and M.S.L.	Air Temperature at 9 a.m. Dry Bulb.	Max.	Min.	Vapour tension.	Relative humidity.	Direction of wind and strength on Beaufort's Scale.	Amount of cloud.	Rainfall.
		°F.	°F.	°F.	″	0–100	0–12	1–10	″
				MARCH.					
1	29·868	79·0	87·8	70·8	·801	81	N. 1	1	0·79
2	29·888	78·6	81·2	72·8	·846	87	....	..	0·09
3	29·907	84·0	86·0	73·6	·785	66	S.E. 3	6	0·53
4	29·900	78·8	84·8	76·0	·974	99	S.E. 1	10	1·61
5	29·835	77·2	82·6	75·8	·924	99	S.E. 3	10	0·12
6	29·782	78·8	87·2	70·2	·759	77	N.W. 2	..	..
7	29·788	77·2	87·0	72·0	·816	88	N.W. 2	.	..
8	29·777	79·2	86·8	70·8	·769	77	N.W. 2	4	..
9	29·825	77·0	84·8	70·4	·756	82	N.W. 1	4	..
10	29·878	80·0	86·6	72·8	·793	77	S.E. 3	6	..
11	29·894	82·8	89·0	73·4	·912	81	E. 2	4	1·01
12	29·876	82·0	90·0	74·2	·971	89	N.E. 1	2	..
13	29·902	82·8	88·4	75·4	·921	82	S. 2	4	3·19
12	29·847	82·8	88·2	71·0	1·016	91	E. 3	6	1·80
15	29·856	77·0	88·8	76·2	·927	100	....	10	0·25
16	29·873	83·6	88·6	75·6	·955	83	E. 3	6	..
17	29·962	81·2	90·0	75·0	·943	89	N. 3	2	..
18	30·015	82·8	89·0	77·0	1·007	90	W. 1	4	0·10
19	29·972	85·2	87·2	78·2	·977	81	S. 2	4	0·34
20	29·970	80·4	85·6	78·4	·906	88	S. 3	8	0·45
21	29·984	78·2	84·2	75·0	·891	92	S. 2	6	0·05
22	29·928	79·2	81·2	73·8	·883	89	S.E. 4	6	0·13
23	29·940	79·0	84·8	71·0	·761	77	S.E. 3	2	0·03
24	29·958	79·0	86·2	73·8	·837	85	S.E. 3	1	0·24
25	29·941	79·0	86·4	75·8	·906	89	S.E. 3	9	0·35
26	29·913	81·2	87·0	74·8	·952	90	....	5	..
27	29·843	81·8	86·0	72·6	·871	80	S.E. 3	6	0·66
28	29·747	77·0	78·2	75·5	·918	99	S.E. 5	10	1·00
29	29·700	78·2	86·6	76·0	·903	94	S.W. 2	5	..
30	29·858	79·0	82·4	73·2	·750	80	S.W. 2	3	0·05
31	30·006	79·4	84·0	75·0	·749	75	S.W. 3	1	0·18
Aver. ..	29·888	80·0	86·0	74·1	·878	85·7	2·2	4·9	..
Total ..	....	..	..	..	..	..	....	..	12 97
				APRIL.					
1	30·065	77·4	81·6	72·2	·713	76	S.E. 4	4	0·21
2	30·040	78·8	81·4	70·2	·759	77	S.E. 3	6	1·24
3	30·016	78·0	83·8	70·0	·865	91	....	6	0·20
4	30·036	81·0	85·2	74·6	·888	84	S.E. 1	4	0·05
5	30·062	79·6	84·0	76·8	·912	91	....	8	0·02
6	30·036	79·4	86·2	71·6	·877	88	....	7	0·15
7	29·926	79·0	86·2	73·6	·846	86	....	4	0·30
8	29·917	79·6	80·2	73·2	·874	87	....	10	2·52
9	29·978	76·4	80·4	71·6	·900	99	N. 2	10	1·03
10	29·889	78·8	85·0	73·6	·909	92	....	10	0·47
11	29·910	79·2	87·0	73·8	·943	95	S.E. 1	4	1·68
12	29·835	77·2	85·2	74·8	·891	96	....	4	0·51
13	29·813	76·0	87·0	73·8	·810	90	....	8	0·07
14	29·845	78·0	81·8	74·6	·897	94	N.W. 1	9	0·13
15	29·923	76·0	87·2	74·2	·848	95	N. 1	8	..
16	29·904	79·6	86·0	75·0	·934	93	....	6	6·86
17	29·891	78·8	84·0	72·8	·952	97	....	8	2·95
18	29·931	76·0	80·6	74·2	·897	100	....	10	3·05
19	29·995	78·8	84·2	73·4	·930	95	....	6	1·88
20	30·023	78·6	85·0	72·0	·885	91	S. 2	8	0·95
21	29·966	81·0	88·2	72·2	·906	86	....	6	..
22	29·918	81·6	85·2	73·6	·877	81	....	..	0·03
23	29·939	81·6	86·2	74·6	·937	87	N. 1	2	..
24	29·958	77·6	85·2	73·2	·826	88	....	..	0·85
25	29·978	74·0	85·0	69·8	·793	94	....	6	0·01
26	29·981	77·2	83·2	69·4	·726	75	S.E. 3	2	0·27
27	29·974	74·6	81·4	68·0	·818	95	....	10	0·12
28	29·959	76·0	82·0	72·8	·829	92	S.E. 3	8	0·16
29	30·002	78·2	82·2	73·6	·774	82	S. 4	6	1·00
30	30·018	78·0	80·8	73·6	·829	87	S.E. 5	8	0·05
Aver. ..	29·958	78·2	84·0	72·9	·862	89·5	1·0	6·3	..
Total ..	....	..	..	..	..	..	....	..	26·76

Date.	Barometer reduced to 32° F. and M.S.L.	Air Temperature at 9 a.m. Dry Bulb.	Max.	Min.	Vapour tension.	Relative humidity.	Direction of wind and strength on Beaufort's Scale.	Amount of cloud.	Rainfall.
	"	°F.	°F.	°F.	"	0–100	0–12	1–10	"
				MAY.					
1	29·974	76·0	80·4	73·4	·713	80	S.E. 5	10	0·16
2	29·972	75·8	79·4	72·8	·751	81	S.E. 4	10	0·09
3	30·012	74·0	78·8	70·8	·657	78	S.E. 4	10	..
4	30·049	75·0	78·0	72·4	·680	78	S.E. 4	8	0·08
5	30·046	76·0	78·4	71·0	·640	72	S.E. 3	9	..
6	30·044	74·6	78·2	70·2	·646	75	S.E. 4	8	0·11
7	30·040	76·0	80·4	70·8	·596	67	S.E. 4	4	0·03
8	30·057	74·0	78·2	70·0	·671	80	S.E. 3	7	0·28
9	30·050	72·8	77·2	68·6	·692	87	S.E. 3	7	..
10	30·050	74·0	80·4	64·4	·609	72	S.E. 2	..	0·28
11	30·046	76·2	77·2	70·0	·726	80	S.E. 2	2	0·76
12	30·074	75·4	79·6	68·4	·704	78	S.E. 3	4	..
13	30·060	70·8	80·4	63·6	·692	92	S.E. 1	2	0·20
14	30·022	73·2	80·2	66·8	·779	95	....	6	..
15	29·972	72·0	81·4	66·4	·721	92	....	2	..
16	29·982	73·8	81·2	67·2	·751	90	....	2	..
17	29·985	71·8	81·6	66·4	·744	95	....	..	..
18	29·925	73·8	82·4	67·6	·751	90	....	..	..
19	29·948	75·8	84·1	67·2	·804	90	N.E. 2	3	..
20	29·945	79·0	84·8	69·8	·812	82	N.W. 2	4	0·03
21	29·976	75·4	78·0	62·4	·749	85	N.W. 1	8	..
22	30·037	72·2	79·2	71·2	·652	83	....	8	..
23	30·038	73·6	77·2	65·2	·678	82	S.E. 4	8	..
24	30·097	74·0	73·8	70·8	·655	78	S.E. 4	6	..
25	30·098	73·6	77·4	71·0	·661	80	S.E. 2	10	0·10
26	30·029	71·2	76·0	67·0	·711	93	S.E. 4	6	0·02
27	30·014	73·0	78·0	67·8	·749	92	....	6	..
28	29·990	72·2	79·8	64·2	·684	86	....	2	..
29	29·964	72·6	80·4	64·0	·704	87	....	1	0·24
30	30·050	75·0	78·2	72·0	·848	98	S. 2	5	0·03
31	30·048	77·0	81·8	71·8	·888	96	S.E. 4	2	0·60
Aver. ..	30·019	74·2	79·5	68·6	·714	84·3	2·2	5·2	..
Total ..	....	..	..	..	..	..	....	..	3·01
				JUNE.					
1	29·977	77·0	82·2	73·4	·906	98	S.E. 3	8	0·02
2	29·904	75·0	85·0	71·0	·829	96	N. 2	2	..
3	29·866	76·4	81·2	71·0	·840	92	....	6	0·01
4	29·954	73·0	77·0	70·0	·766	94	....	10	..
5	29·966	74·2	78·8	67·8	·807	95	....	8	..
6	29·968	74·0	80·4	67·6	·785	93	N.W. 2	2	0·08
7	30·038	73·0	77·4	70·2	·697	86	S.E. 3	6	..
8	30·119	72·8	76·4	69·8	·675	84	S.E. 3	6	..
9	30·130	72·2	77·8	68·6	·652	83	S.E. 2	10	0·01
10	30·171	73·8	77·2	68·6	·652	77	S.E. 5	6	0·11
11	30·156	74·2	76·8	69·8	·726	86	S.E. 4	10	0·10
12	30·008	73·0	74·8	69·4	·671	83	S.E. 3	10	0·21
13	30·025	73·8	75·4	67·8	·682	82	S.E. 3	6	0·73
14	29·968	72·0	74·4	70·0	·774	99	S.E. 2	10	0·64
15	29·962	71·8	77·2	68·2	·744	95	....	10	2·19
16	29·936	71·8	78·2	69·4	·761	98	....	10	0·02
17	29·933	73·2	78·2	67·0	·529	65	N.W. 3	..	..
18	29·968	72·8	78·2	68·2	·598	74	N.W. 3	6	..
19	30·029	71·0	76·2	69·0	·588	77	....	10	..
20	30·079	73·8	76·4	70·2	·620	74	E. 1	10	..
21	30·090	72·8	78·8	67·2	·675	84	....	6	..
22	30·025	71·6	79·6	64·6	·694	90	....	8	..
23	29·984	72·4	81·4	70·0	·682	85	....	..	..
24	29·986	73·0	81·6	65·2	·639	86	....	2	..
25	29·917	77·0	82·8	65·2	·790	82	N.E. 2	6	0·01
26	29·739	75·6	79·2	72·8	·818	92	....	10	2·14
27	29·970	69·0	76·4	66·8	·692	98	S. 3	10	0·44
28	30·045	69·0	71·2	65·6	·675	95	....	10	1·02
29	30·036	70·4	72·0	66·0	·726	98	....	10	0·93
30	30·008	71·8	73·8	67·0	·751	96	....	10	0·21
Aver. ..	30·002	73·0	77·8	68·6	·715	87·9	1·5	7·3	..
Total ..	....	..	..	..	..	..	....	..	8·87

Date.	Barometer reduced to 32° F. and M.S.L.	Air Temperature at 9 a.m.			Vapour tension.	Relative humidity.	Direction of wind and strength on Beaufort's Scale	Amount of cloud.	Rainfall.
		Dry Bulb.	Max.	Min.					
	″	°F.	°F.	°F.	″	0–100	0–12	1–10	″
				JULY.					
1	29·935	73·6	80·8	71·2	·818	99	....	10	0·15
2	30·040	75·2	82·0	71·8	·834	96	....	..	0·84
3	29·979	74·2	76·2	70·2	·818	96	....	8	..
4	30·061	74·0	76·6	71·6	·801	95	....	10	0·33
5	30·093	74·2	73·6	73·2	·826	98	....	10	0·21
6	30·224	73·2	74·6	72·4	·790	96	....	10	0·76
7	30·226	73·0	79·2	71·4	·793	98	S.E. 4	10	0·03
8	30·053	75·0	78·0	72·4	·738	85	S.E. 4	8	0·17
9	30·068	73·0	75·0	74·8	·687	85	S.E. 4	8	0·07
10	30·070	71·8	74·2	69·2	·659	84	S.E. 4	6	0·09
11	30·068	72·8	77·0	68·0	·675	84	S.E. 4	8	0·16
12	30·155	73·0	75·6	67·8	·680	84	S.E. 4	2	0·15
13	30·031	72·4	76·0	68·0	·626	79	S.E. 4	7	0·16
14	30·053	74·0	78·0	69·2	·624	74	S.E. 4	5	0·09
15	30·142	71·4	75·2	68·0	·650	84	S.E. 3	10	0·04
16	30·053	73·0	76·2	69·0	·687	85	S.E. 3	6	0·06
17	30·078	71·8	76·2	65·8	·628	84	S.E. 4	8	0·11
18	29·912	73·0	77·0	65·8	·711	88	....	8	0·07
19	30·068	72·2	77·8	69·8	·708	90	S.E. 1	7	0·02
20	30·052	74·2	79·4	72·0	·818	96	E. 2	10	0·18
21	30·032	72·2	77·0	71·2	·772	98	N.E. 2	10	1·53
22	30·007	76·4	78·6	71·0	·888	98	N.E. 3	10	1·77
23	30·037	78·0	81·0	73·2	·868	91	....	8	0·16
24	29·897	76·8	83·2	74·8	·871	95	....	8	1·01
25	29·915	73·0	73·0	71·4	·766	94	N.E. 3	10	0·41
26	29·940	71·0	71·8	70·0	·723	95	N.E. 2	10	0·58
27	29·921	70·2	76·0	68·8	·704	95	N.E. 2	4	0·14
28	29·864	76·0	80·8	70·0	·848	95	N.E. 2	2	..
29	29·711	76·2	82·8	72·2	·799	88	E. 3	7	0·31
30	29·721	74·0	79·2	72·0	·766	91	....	8	0·44
31	29·823	75·0	80·0	71·0	·801	90	....	8	0·04
Aver. ..	30·007	73·7	77·2	70·7	·754	90·6	2·0	7·6	..
Total ..	....	..	..	..	..	..	....	..	10·08
				AUGUST.					
1	30·042	74·0	78·2	72·8	·756	90	....	10	..
2	29·920	72·2	78·6	67·8	·726	92	....	8	0·61
3	29·978	72·6	75·4	69·6	·749	93	N.E. 3	8	0·33
4	29·932	74·2	84·8	70·0	·701	83	S.E. 2	6	..
5	29·900	74·8	77·8	74·0	·777	90	....	10	0·12
6	29·856	75·0	79·2	72·0	·793	91	....	8	1·08
7	29·905	69·0	70·2	67·0	·659	93	....	10	0·02
8	29·968	70·0	73·0	66·8	·588	80	....	10	..
9	30·028	68·0	71·2	66·8	·644	94	....	10	0·04
10	30·022	70·6	70·8	67·4	·671	90	S.E. 3	10	..
11	30·022	69·0	69·8	66·8	·626	89	S.E. 4	10	0·77
12	30·028	68·2	72·0	66·2	·639	93	S.E. 4	10	0·24
13	30·091	72·0	75·2	67·0	·664	84	S.E. 3	8	..
14	30·004	75·2	80·0	70·8	·726	83	S.E. 2	8	0·04
15	30·033	74·2	75·2	71·0	·733	87	S.E. 3	10	0·04
16	29·924	72·8	78·8	68·6	·736	91	....	8	..
17	29·904	71·4	75·8	70·0	·723	94	S.E. 3	10	0·15
18	29·872	76·0	80·0	72·6	·774	86	....	8	0·28
19	30·023	71·8	75·2	71·2	·751	96	....	10	0·12
20	30·070	72·2	78·8	68·8	·736	93	....	10	..
21	30·019	70·0	74·8	68·8	·689	94	....	10	0·02
22	30·101	72·0	75·8	69·0	·711	91	....	10	..
23	30·089	73·0	76·0	69·2	·731	90	....	8	0·22
24	30·012	72·6	77·0	68·6	·694	86	....	10	..
25	30·083	71·0	75·2	68·4	·666	87	....	10	..
26	30·174	70·2	74·4	66·0	·572	77	....	8	..
27	30·157	72·0	74·0	68·8	·568	75	....	10	..
28	30·102	71·0	76·8	66·4	·552	73	S.E. 3	10	..
29	30·033	71·0	78·8	67·2	·603	79	....	8	..
30	29·923	71·2	84·4	63·8	·661	86	....	..	..
31	29·953	74·2	78·6	65·8	·726	86	....	..	0·04
Aver. ..	30·005	72·0	76·3	68·4	·685	87·6	0·9	8·6	..
Total ..	....	..	..	..	..	..	....	..	4·12

Date.	Barometer reduced to 32° F. and M.S.L.	Air Temperature at 9 a.m.			Vapour tension.	Relative humidity.	Direction of wind and strength on Beaufort's Scale.	Amount of cloud.	Rainfall.
		Dry Bulb.	Max.	Min.					
	″	°F.	°F.	°F.	″	0–100	0–12	1–10	″
				SEPTEMBER.					
1	30·030	73·2	75·8	66·0	·736	90	....	1	0·23
2	30·015	74·0	79·8	69·4	·793	94	....	10	1·63
3	30·013	72·0	75·0	70·2	·774	99	S.W. 3	10	0·33
4	30·013	71·0	72·6	68·4	·706	93	....	10	0·12
5	30·024	72·8	78·2	69·4	·716	89	....	10	..
6	30·032	74·0	89·4	68·0	·461	55	S.E. 2	6	..
7	30·036	75·6	81·0	62·8	·603	68	....	..	..
8	30·026	73·8	82·2	64·5	·666	80	....	..	..
9	30·001	75·2	81·8	66·8	·692	80	....	..	..
10	29·967	76·0	83·0	66·2	·706	79	E. 1	..	..
11	29·940	77·4	88·2	70·2	·741	79	....	..	..
12	30·032	74·8	84·8	68·8	·699	81	....	..	0·45
13	30·063	74·2	78·4	70·0	·733	87	E. 2	8	0·03
14	30·046	75·2	75·4	69·2	·708	81	S.E. 3	8	..
15	30·074	77·0	79·2	70·2	·704	76	S.E. 3	10	..
16	30·119	78·8	81·2	68·8	·701	71	S.E. 3	8	..
17	30·060	76·0	79·8	74·8	·626	70	S.E. 2	10	0·01
18	29·967	73·0	76·8	68·2	·548	67	S.E. 4	10	..
19	30·129	72·8	78·0	68·0	·598	74	S.E. 2	8	0·27
20	30·106	72·4	76·0	66·2	·689	86	S.E. 3	10	0·98
21	30·032	76·0	78·2	68·4	·774	86	....	8	0·19
22	30·011	77·0	80·2	70·8	·820	89	S.E. 2	8	0·29
23	29·992	74·8	75·0	72·0	·777	90	....	10	4·59
24	30·069	71·0	77·2	68·2	·706	93	....	10	..
25	30·073	71·8	75·0	68·8	·489	64	S.E. 4	10	0·92
26	30·065	71·0	72·2	69·2	·723	95	S.E. 3	10	0·78
27	30·082	68·8	73·4	67·0	·630	90	S.E. 2	10	0·03
28	30·076	73·4	78·2	67·8	·648	79	S.E. 2	10	0·04
29	30·068	73·0	74·2	68·0	·596	73	S.E. 3	10	0·41
30	30·090	71·0	75·2	67·2	·673	89	S.E. 2	10	0·06
Aver. ..	30·039	73·9	78·3	68·5	·681	70·6	1·5	7·2	..
Total ..	....	..	..	..	..	..	....	..	**11·36**
				OCTOBER.					
1	30·062	75·2	79·0	70·0	·733	84	....	10	0·06
2	30·118	74·0	79·8	69·8	·711	85	E. 2	10	0·02
3	30·071	77·2	81·4	68·2	·826	89	S.E. 3	10	..
4	30·104	78·0	86·4	71·2	·764	80	S.E. 4	8	..
5	30·038	78·2	88·4	72·0	·874	91	E. 3	4	..
6	30·091	80·0	84·2	74·4	·860	84	S.E. 2	10	..
7	30·068	80·0	84·0	72·2	·868	85	....	..	0·04
8	30·046	75·2	81·2	69·0	·772	88	....	10	0·05
9	30·024	75·0	76·2	70·2	·687	80	N.E. 3	8	..
10	30·045	74·8	77·2	67·0	·659	76	....	10	0·03
11	29·948	74·8	77·6	68·0	·723	84	....	..	0·13
12	29·979	73·4	81·4	66·0	·697	85	....	4	0·01
13	30·026	75·2	81·0	69·2	·716	82	....	..	0·07
14	30·050	75·2	79·8	70·0	·675	78	S.E. 3	8	..
15	30·050	76·2	80·4	70·2	·671	74	....	8	..
16	30·052	76·0	81·2	71·2	·639	71	....	8	..
17	29·997	79·0	80·4	63·4	·738	75	....	8	0·48
18	29·990	73·8	76·2	72·0	·741	89	....	10	2·12
19	29·907	72·6	77·0	72·0	·764	95	....	10	8·36
20	29·872	72·0	73·8	69·2	·749	95	S.E. 3	10	1·87
21	29·916	74·0	77·2	68·8	·785	93	....	10	0·17
22	30·021	73·2	74·8	70·6	·764	93	....	10	0·34
23	30·055	74·0	76·2	70·2	·801	95	....	10	0·58
24	30·067	76·4	77·0	71·0	·793	87	....	8	0·56
25	30·052	75·6	78·0	71·2	·810	91	....	8	1·47
26	30·000	74·8	82·0	68·2	·666	77	....	5	0·26
27	29·948	79·0	84·8	70·2	·848	86	....	8	0·40
28	29·944	77·0	84·2	68·2	·840	91	....	10	0·02
29	29·904	79·2	83·0	69·8	·843	85	....	8	0·06
30	29·955	75·8	83·0	67·8	·759	85	....	..	..
31	29·958	77·0	82·0	69·0	·820	89	....	..	..
Aver. ..	30·012	75·9	80·3	69·8	·761	85·2	0·7	7·2	..
Total ..	....	..	..	..	..	..	....	..	**17·10**

Date.	Barometer reduced to 32° F. and M.S.L.	Air Temperature at 9 a.m.			Vapour tension.	Relative humidity.	Direction of wind and strength on Beaufort's Scale.	Amount of cloud.	Rainfall.
		Dry Bulb.	Max.	Min.					
	"	°F.	°F.	°F.	"	0–100	0–12	1–10	"
				NOVEMBER.					
1	30·060	79·8	82·4	71·4	·863	85	....	8	..
2	30·058	77·0	79·8	71·0	·774	84	....	..	..
3	30·041	79·8	82·8	70·8	·834	82	E. 2	..	0·02
4	30·007	79·4	83·0	69·2	·793	79	E. 2	..	..
5	29·984	79·8	83·2	69·2	·788	77	....	10	..
6	30·005	81·4	85·2	70·8	·888	83	S.E. 2	10	0·30
7	30·047	76·0	78·2	70·4	·810	90	....	8	1·34
8	29·998	76·2	77·4	73·0	·854	95	....	10	0·92
9	29·959	76·2	79·0	70·8	·834	92	E. 3	10	1·29
10	29·900	79·0	83·0	72·0	·885	90	....	10	0·08
11	29·932	79·0	83·2	72·0	·885	90	N.E. 3	10	0·16
12	29·932	78·0	80·2	74·8	·868	91	S.E. 4	10	0·86
13	29·887	77·0	80·2	72·8	·885	96	....	10	1·23
14	29·845	78·0	82·4	72·4	·874	92	....	10	0·12
15	29·869	76·4	80·0	73·2	·860	95	....	6	0·05
16	29·882	76·8	79·8	73·0	·871	95	....	7	0·01
17	29·870	78·2	79·8	72·8	·912	95	....	10	0·76
18	29·920	76·2	79·2	71·2	·788	87	....	5	..
19	29·972	74·2	80·0	67·0	·592	70	S.E. 3	8	..
20	30·006	77·0	82·0	66·2	·628	67	S.E. 3	8	..
21	30·001	78·8	83·4	69·8	·678	68	....	10	..
22	29·937	79·4	84·2	69·2	·731	73	....	10	..
23	29·953	80·2	84·0	72·4	·736	71	....	10	0·02
24	29·904	80·8	85·0	74·4	·761	72	....	10	..
25	29·917	83·2	85·0	72·2	·810	71	....	10	..
26	29·939	81·4	86·0	73·8	·840	78	....	10	..
27	30·011	81·0	85·2	72·0	·756	72	....	10	..
28	29·988	81·4	85·2	76·2	·851	79	S.E. 3	6	..
29	29·954	83·0	85·8	71·8	·848	75	S.E. 3	8	0·21
30	29·800	79·0	82·4	73·8	·746	76	S.E. 4	6	6·97
Aver. ..	29·953	78·8	82·2	72·0	·808	82·3	1·0	8·0	..
Total ..	....	..	..	..	..	..	....	..	14·34
				DECEMBER.					
1	29·822	80·0	83·4	73·0	·764	76	S.E. 3	10	0·03
2	29·884	78·0	79·0	73·2	·785	80	N.E. 3	10	0·94
3	29·899	76·0	79·2	72·0	·848	95	....	10	0·98
4	29·980	76·2	76·8	73·0	·788	87	S.E. 4	10	0·68
5	29·980	76·0	80·2	73·0	·857	96	S.E. 3	10	1·37
6	29·892	80·2	80·2	74·2	·921	90	S.E. 4	8	0·41
7	29·827	80·0	82·2	74·6	·981	96	E. 3	10	0·21
8	29·819	81·8	87·8	74·2	·943	87	....	9	..
9	29·797	82·2	88·0	78·8	·946	86	....	10	0·72
10	29·864	77·2	82·2	74·8	·883	95	....	10	..
11	29·888	81·8	84·2	75·2	·921	85	S.E. 1	10	0·36
12	29·888	84·0	86·0	75·0	·940	81	S.E. 1	10	0·11
13	29·858	82·0	85·4	76·0	·877	80	S.E. 1	10	0·11
14	29·750	78·8	85·4	71·0	·843	86	E. 2	10	2·20
15	29·679	78·8	84·6	71·0	·843	86	....	10	0·65
16	29·703	79·0	84·2	72·8	·885	90	S.E. 2	8	0·11
17	29·733	79·2	84·0	75·0	·871	88	W. 2	10	0·03
18	29·854	81·0	85·8	79·0	·848	80	W. 2	8	..
19	29·900	81·2	85·0	74·8	·807	76	W. 3	10	..
20	29·922	80·0	84·2	73·0	·689	67	S.W. 2	10	..
21	29·920	77·0	85·2	69·0	·666	71	S. 3	3	0·26
22	29·920	80·8	83·2	72·4	·807	76	S.E. 3	10	..
23	29·932	79·8	82·0	72·0	·744	73	S.E. 2	6	..
24	29·946	81·0	83·0	75·2	·840	79	S.E. 3	8	..
25	29·949	77·2	81·4	74·6	·807	86	S.E. 3	6	0·09
26	29·939	78·8	83·0	74·2	·860	88	S.E. 4	7	..
27	29·924	77·2	82·2	72·8	·826	89	S.E. 4	8	0·03
28	29·870	77·0	84·2	71·0	·829	90	S.E. 4	8	0·03
29	29·870	77·4	79·2	74·2	·820	88	S. 3	10	1·78
30	29·904	74·0	79·0	71·0	·829	99	....	10	1·00
31	29·912	76·0	81·0	72·2	·848	95	E. 2	10	0·10
Aver. ..	29·871	79·0	82·9	73·6	·842	85·2	2·2	9·0	..
Total...	....	..	..	..	..	..	....	..	12·20