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METEOROLOGICAL OBSERVATIONS

TAKEN AT SUVA

QC
993
.F4
M48
1917

DURING

1917.

(LAT. 18° 8′ S., LONG. 178° 26′ E., BEING 11h. 53m. 44s. FAST OF GREENWICH MEAN TIME.)

By

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

SUPERINTENDENT OF AGRICULTURE.

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

1918.

National Oceanic and Atmospheric Administration

Environmental Data Rescue Program

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

MONTHLY MEANS FOR THE YEAR 1917, SUVA STATION, TAKEN AT 9 A.M.; LONGITUDE, 178° 26′ E; 18° 8′ S; HEIGHT ABOVE MEAN SEA LEVEL, 54 FEET.

Months.	Mean Pressure.	Air Temperature							Tension of Vapour.	Relative Humidity (saturation = 100)
		Dry Bulb.	Means of		Absolute Minimum and Maximum.					
			Min.	Max.						
	Inches.				Min.	Date	Max.	Date	Inches.	
January	29·819	78·9	72·6	84·4	68·8	11	90·4	6	·823	84·1
February	29·888	81·1	73·4	86·5	71·0	26	89·0	16	·870	82·3
March	29·877	79·9	72·3	86·2	70·4	9	90·0	30	·850	84·0
April	29·946	79·8	72·5	84·9	70·0	11	88·6	2	·875	86·9
May	30·020	77·7	71·9	82·9	68·2	24	88·0	28	·840	88·3
June	30·007	73·7	68·4	79·6	62·0	15	84·0	10	·741	88·6
July	30·052	74·4	68·9	79·6	64·4	9	83·2	15	·898	90·9
August	30·083	74·9	67·6	80·0	61·0	14	89·0	4	·718	83·0
September	30·075	72·8	69·6	80·8	68·0	14	84·6	10	·750	83·9
October	30·044	76·9	70·3	81·8	67·2	8	85·4	3	·761	80·0
November	29·951	76·8	70·6	81·3	65·6	27	85·3	3	·761	82·8
December	29·832	80·4	72·5	85·2	67·6	3	88·0	28	·844	81·5
Year	29·966	77·3	70·9	82·8	....	.....	....	.....	·811	84·7

THERMOMETERS 4½ FEET ABOVE THE GROUND. RAINGAUGE 1 FOOT ABOVE THE GROUND.

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 ..	7·2	18·030	4·180	21	28	..	8	..	..	..	3	2	3	4	2	3	..	2	12
February ..	4·6	5·583	0·960	8	23	..	7	..	..	..	3	3	1	3	..	..	1	4	13
March ..	5·5	14·098	3·164	31	18	..	13	..	..	..	..	4	2	7	1	2	1	3	11
April.. ..	5·5	14·233	2·780	10	27	..	14	..	..	..	5	1	2	11	..	1	1	5	4
May	4·0	13·847	7·402	30	17	..	8	..	..	..	5	6	1	8	2	1	..	4	4
June	4·4	12·520	1·670	18	18	..	9	..	..	..	2	1	2	8	2	..	1	4	10
July	4·7	7·056	1·535	27	21	..	6	..	..	..	3	1	5	13	2	..	..	1	6
August ..	5·1	20·662	7·440	12	19	..	4	..	..	..	1	1	6	15	2	..	..	..	6
September ..	6·2	12·671	4·052	7	21	..	9	..	..	..	1	2	9	14	1	..	1	..	2
October ..	5·7	13·492	2·932	19	22	..	1	..	..	..	1	..	4	12	3	..	1	..	10
November ..	7·0	16·446	2·120	23	22	..	7	..	..	..	2	4	5	8	2	2	..	3	4
December ..	5·3	13·414	4·000	13	21	..	15	..	..	..	2	8	1	2	..	..	4	..	14
Year ..	5·4	162·052	...	..	257	..	101	..	..	..	28	33	41	106	17	9	10	25	96

JANUARY.

Date.	Barometer reduced to 32° F. and M.S.L.	Air Temperature. At 9 a.m.	Air Temperature. Max.	Air Temperature. Min.	Vapour tension.	Relative humidity.	Direction of wind and strength on Beaufort's Scale.	Amount of cloud.	Rainfall.
		°F.	°F.	°F.	"	0–100	0–10	0–10	"
1	29·796	75·4	83·6	73·4	·766	87	N.E. 2	10	0·130
2	29·713	75·2	78·8	72·2	·799	91	N.W. 3	10	0·070
3	29·697	76·4	80·8	74·4	·851	93	....	10	0·580
4	29·812	78·2	80·0	73·0	·863	90	....	10	0·080
5	29·870	77·8	83·2	74·0	·823	87	....	10	0·010
6	29·810	83·2	90·4	73·2	·790	70	N. 2	7	0·120
7	29·736	79·8	83·6	74·0	·871	86	E. 1	5	0·250
8	29·698	84·0	86·4	71·4	·860	74	S.W. 1	5	1·050
9	29·701	75·6	78·8	73·2	·863	98	....	10	1·910
10	29·691	78·8	83·2	73·2	·900	92	S.E. 4	8	0·160
11	29·780	78·6	83·8	68·8	·736	75	....	1	0·110
12	29·812	77·6	84·6	70·4	·746	79	S.E. 1	6	..
13	29·874	82·0	85·4	71·2	·699	64	S.E. 3	3	..
14	29·895	82·8	87·2	72·0	·687	61	S. 3	5	0·010
15	29·863	84·2	88·0	74·6	·818	70	S. 3	8	0·690
16	29·863	82·0	87·8	74·2	·897	82	N.E. 3	5	..
17	29·943	83·4	86·6	74·2	·860	75	E. 1	5	0·680
18	29·902	80·0	85·0	73·4	·868	85	N.W. 1	3	0·020
19	29·895	80·4	89·6	72·4	·832	80	S.W. 1	4	2·310
20	29·883	77·6	85·2	72·2	·826	88	N. 1	10	0·830
21	29·906	75·2	78·6	71·4	·846	97	S.E. 3	10	4·180
22	29·918	75·2	80·4	73·6	·865	99	E. 1	10	1·790
23	29·923	73·0	81·6	71·6	·793	98	N. 1	10	0·120
24	29·914	80·6	87·6	71·8	·857	82	....	5	0·050
25	29·894	80·0	87·4	74·2	·840	82	....	4	0·060
26	29.776	76·8	84·0	73·4	·880	96	....	10	1·220
27	29·834	74·0	82·8	72·2	·812	96	....	10	0·130
28	29·790	81·0	86·2	72·0	·848	80	....	2	0·070
29	29·765	77·4	84·6	71·4	·820	88	....	10	1·270
30	29·724	79·6	85·0	70·4	·807	80	S.W. 1	8	0·050
31	29·714	79·0	85·2	73·2	·810	82	....	9	0·080
Aver.	29·819	78·9	84·4	72·6	·823	84·1	1·1	7·2	..
Total	....	..	..	..	..	..	....	..	18·030

FEBRUARY.

Date.	Barometer reduced to 32° F. and M.S.L.	At 9 a.m.	Max.	Min.	Vapour tension.	Relative humidity.	Direction of wind and strength on Beaufort's Scale.	Amount of cloud.	Rainfall.
		°F.	°F.	°F.	"	0–100	0–10	0–10	"
1	29·738	78·6	83·6	72·4	·837	86	N.W. 1	10	0·030
2	29·727	80·4	88·0	72·0	·880	85	....	4	0·100
3	29·772	80·0	80·0	73·4	·840	72	....	2	0·420
4	29·806	83·8	88·4	72·2	·807	70	....	1	0·010
5	29·909	82·6	87·4	76·6	·915	82	....	2	0·080
6	29·836	81·0	88·6	74·4	·915	87	N.W. 2	3	0·090
7	29·853	82·4	87·8	73·8	·832	75	....	1	..
8	29·862	82·8	88·0	74·0	·880	78	S.E. 1	1	0·960
9	29·768	79·4	86·0	74·0	·940	94	N.W. 1	10	0·370
10	29·845	83·2	85·2	75·2	·883	78	S.E. 3	2	0·280
11	29·853	81·2	86·8	75·8	·943	89	....	5	0·950
12	29·844	78·8	84·0	75·3	·900	92	N.E. 3	9	0·343
13	29·905	78·8	85·0	73·5	·843	86	N.E. 2	8	0·070
14	29·974	82·4	88·0	74·0	·909	82	W. 1	7	0·055
15	30·006	81·8	89·0	72·7	·815	73	N.E. 1	3	..
16	30·015	80·0	87·8	72·8	·801	78	N. 1	1	..
17	29·940	80·0	88·6	73·0	·860	84	....	1	0·730
18	29·906	81·0	87·4	74·2	·868	82	....	2	0·240
19	29·902	81·2	86·6	73·6	·897	85	....	2	0·060
20	29·952	83·8	86·4	74·6	·943	81	S.E. 1	4	0·150
21	29·973	83·6	86·4	74·4	·880	77	....	4	..
22	29·953	80·0	86·6	74·0	·888	87	....	6	0·272
23	29·898	79·8	87·6	71·2	·854	84	N. 1	2	0·160
24	29·882	79·2	85·2	71·4	·891	90	....	10	0·021
25	29·919	79·4	85·8	70·6	·832	83	....	8	0·020
26	29·895	79·6	85·0	71·0	·846	84	N.W. 1	8	0·052
27	29·953	79·0	84·3	72·0	·818	83	N. 2	9	..
28	29·984	81·8	87·8	72·0	·834	76	E. 1	1	0·120
Aver.	29·888	81·1	86·5	73·4	·870	82·3	0·7	4·6	..
Total	..	..	..	..	..	..	....	..	5·583

MARCH.

Date.	Barometer reduced to 32° F. and M.S.L.	At 9 a.m.	Max.	Min.	Vapour tension.	Relative humidity.	Direction of wind and strength on Beaufort's Scale.	Amount of cloud.	Rainfall.
		°F.	°F.	°F.	"	0–100	0–10	0–10	"
1	29·930	81·4	84·3	71·0	·871	81	S.E. 1	4	..
2	29·964	79·2	86·0	72·0	·997	88	S.E. 1	6	0·120
3	29·947	79·4	88·0	71·4	·829	83	N.W. 1	7	..
4	29·923	80·0	87·6	71·0	·704	81	S.E. 2	3	..
5	29·929	81·4	89·8	71·4	·840	78	E 2	4	..
6	29·935	80·0	87·4	72·0	·897	88	E 1	7	..
7	29·885	78·4	89·6	72·6	·848	88	S.E. 2	8	0·082
8	29·858	80·0	89·2	71·0	·840	82	N.W. 1	2	..
9	29·867	80·2	88·0	70·4	·769	74	W. 1	1	..
10	29·876	80·4	88·8	72·2	·788	79	S.W. 1	4	0·050
11	29·832	81·0	84·2	73·8	·840	79	....	10	0·086
12	29·820	78·4	85·0	73·4	·860	89	....	10	0·078
13	29·865	79·4	85·0	72·6	·874	88	....	10	0·030
14	29·941	79·2	86·0	72·8	·868	88	....	4	2·925
15	29·871	79·0	86·2	71·2	·865	88	....	5	2·272
16	29·748	73·2	77·0	72·0	·772	99	....	10	0·445
17	29·790	77·2	86·4	70·8	·807	87	....	9	..
18	29·864	79·4	85·2	72·2	·810	78	....	7	....
19	29·804	81·6	86·4	73·0	·790	76	N.E. 1	4	0·050
20	29·797	80·2	86·6	73·6	·871	85	....	4	..
21	29·841	81·0	86·6	73·2	·874	83	S.E. 1	4	..
22	29·830	80·2	86·4	71·6	·807	78	S.W. 2	2	0·645
23	29·853	80·0	86·6	71·0	·788	76	N.E. 2	5	1·353
24	29·928	79·0	86·4	72·2	·903	92	S.E. 1	5	0·730
25	29·874	78·8	82·6	73·8	·868	89	....	10	0·770
26	29·887	77·6	85·0	72·2	·924	98	....	10	0·242
27	29·919	78·6	83·6	74·6	·915	94	S. 1	10	0·922
28	29·927	81·8	80·0	73·2	·843	77	S.E. 2	3	..
29	29·915	81·8	89·4	72·2	·854	78	N.E. 1	1	..
30	29·897	83·4	90·0	73·8	·888	83	N.E. 1	1	0·134
31	29·888	84·6	87·6	74·6	·927	78	N.W. 2	2	3·164
Aver.	29·877	79·9	86·2	72·3	·850	84·0	0·9	5·5	..
Total	....	..	..	..	..	..	....	..	14·098

APRIL.

Date.	Barometer reduced to 32° F. and M.S.L.	At 9 a.m.	Max.	Min.	Vapour tension.	Relative humidity.	Direction of wind and strength on Beaufort's Scale.	Amount of cloud.	Rainfall.
		°F.	°F.	°F.	"	0–100	0–10	0–10	"
1	30·038	80·8	86·8	72·2	·863	82	N.W. 2	2	..
2	29·961	82·6	88·6	73·6	·924	83	N.W. 1	2	0·015
3	29·957	82·0	87·4	76·2	·877	80	N.W. 1	7	1·760
4	29·997	80·0	83·0	72·2	·868	85	S.W. 2	10	0·024
5	29·949	81·0	86·6	72·0	·868	82	N. 2	5	0·010
6	29·968	80·8	85·4	73·6	·843	80	....	3	0·762
7	29·962	81·4	86·2	71·8	·871	81	S.E. 2	10	0·483
8	29·921	84·2	84·6	71·6	·857	73	....	4	0·444
9	29·863	78·6	83·8	71·4	·854	88	S.E. 2	3	0·836
10	29·904	74·8	83·4	70·4	·815	96	S.E. 3	10	2·780
11	29·928	76·6	81·4	70·0	·857	93	S.E. 2	10	0·496
12	29·953	76·8	84·4	74·2	·883	96	S.E. 2	10	1·284
13	29·979	78·6	82·0	73·0	·903	92	E. 3	7	1·105
14	29·957	80·2	82·4	73·0	·903	89	N.E. 3	6	0·100
15	29·931	80·8	83·4	72·2	·857	81	S.E. 4	2	0·110
16	29·919	81·6	86·0	71·4	·894	83	S.E. 3	6	0·582
17	29·929	78·0	85·4	77·6	·918	96	....	10	0·724
18	29·909	76·6	83·2	73·4	·894	98	S.E. 3	10	0·640
19	29·907	80·6	85·8	74·2	·829	79	S.E. 2	6	..
20	29·921	80·0	84·0	72·2	·877	86	N.W. 1	4	0·266
21	29·939	79·6	85·0	71·2	·874	87	N. 1	10	0·636
22	29·949	78·2	84·0	71·2	·854	89	N. 1	4	0·030
23	29·979	80·8	85·8	71·6	·883	84	N. 1	6	0.010
24	30·018	80·2	84·8	71·4	·903	89	N.W. 1	5	0·035
25	29·976	81·4	85·4	71·2	·880	85	E. 3	2	0·296
26	29·900	80·6	84·5	73·2	·934	90	N. 1	4	0·185
27	29·951	77·8	86·6	73·0	·733	96	....	2	..
28	29·947	80·2	85·6	72·4	·943	89	S.E. 2	2	0·082
29	29·945	80·0	85·0	72·4	·894	88	S.E. 3	2	0·020
30	29·911	80·0	86·6	71·8	·894	87	W. 1	1	0·518
Aver.	29·946	79·8	84·9	72·5	·875	86·9	1·7	5·5	..
Total	....	..	..	..	..	..	....	..	14·233

MAY.

Date.	Barometer reduced to 32° F. and M.S.L.	At 9 a.m.	Max.	Min.	Vapour tension.	Relative humidity.	Direction of wind and strength on Beaufort's Scale.	Amount of cloud.	Rainfall.
		°F.	°F.	°F.	"	0–100	0–10	0–10	"
1	29·941	81·4	85·5	72·4	·930	87	S. 2	4	0·820
2	29·970	80·0	82·6	74·5	·906	89	S.E. 1	7	0·224
3	30·029	78·8	83·8	73·2	·912	94	N.E. 2	8	..
4	30·031	80·0	85·6	73·0	·868	85	....	4	0·214
5	30·015	79·6	86·0	70·4	·883	88	N.W. 1	..	..
6	29·979	79·4	85·4	74·4	·877	88	N.W. 2	..	0·062
7	30·015	79·2	85·5	75·2	·965	91	S.W. 2	2	0·050
8	30·041	79·2	84·5	77·9	·829	91	....	6	..
9	30·038	78·0	83·5	71·7	·832	87	S.E. 2	3	..
10	29·929	76·8	83·8	70·0	·846	90	S.E. 1	7	..
11	30·005	75·2	83·3	70·8	·823	93	....	9	..
12	29·924	78·5	84·9	71·8	·801	85	N.E. 1	5	..
13	29·969	76·0	80·0	72·4	·818	89	N.E. 2	..	0·340
14	29·997	77·4	82·4	70·8	·829	89	N.E. 1	2	0·290
15	30·061	76·0	81·6	71·2	·863	92	N. 1	6	0·300
16	30·095	77·2	83·6	73·2	·832	92	S.E. 1	5	1·355
17	30·079	74·4	78·5	72·8	·834	99	....	10	0·013
18	30·139	74·3	78·0	75·4	·812	98	S.E. 3	..	1·455
19	30·061	76·4	80·0	68·6	·774	89	S.E. 3	1	0·030
20	30·041	75·0	81·8	69·8	·851	89	S.E. 3	2	..
21	30·033	77·4	80·4	69·4	·779	91	S. 2	1	0·396
22	30·018	78·2	81·2	71·8	·731	81	S.E. 2	1	0·010
23	30·015	75·4	80·8	72·0	·801	83	N.E. 2	8	..
24	29·991	76·0	80·6	68·2	·815	89	E. 1	10	..
25	29·999	76·8	83·4	68·2	·820	88	N. 2	..	..
26	30·017	77·4	85·4	69·0	·832	88	N. 2	1	..
27	30·002	80·0	84·0	71·2	·812	81	N.W. 1	2	..
28	29·994	83·0	88·0	69·6	·812	72	N.E. 2	1	..
29	30·098	83·0	86·0	77·0	·807	72	N. 1	4	0·470
30	30·034	77·0	80·4	71·5	·777	87	N. 5	4	7·402
31	30·054	72·0	79·4	70·2	·965	99	N.W. 2	10	0·416
Aver.	30·020	77·7	82·9	71·9	·840	88·3	1·6	4·0	..
Total	....	..	..	..	..	..	....	..	13·847

JUNE.

Date.	Barometer reduced to 32° F. and M.S.L.	At 9 a.m.	Max.	Min.	Vapour tension.	Relative humidity.	Direction of wind and strength on Beaufort's Scale.	Amount of cloud.	Rainfall.
		°F.	°F.	°F.	"	0–100	0–10	0–10	"
1	30·058	72·6	76·2	70·2	·790	99	N.W. 1	10	0·665
2	29·981	73·0	74·0	70·0	·687	82	S.E. 2	8	0·010
3	30·049	73·6	76·5	70·4	·701	85	S E. 3	10	0·398
4	30·052	74·0	76·0	70·0	940	80	S.E. 4	10	0·132
5	30·039	74·2	77·4	71·2	·744	88	S.E. 4	10	4·428
6	29·950	70·8	78·5	67·2	718	95	N. 1	7	1·285
7	29·847	72·0	80·6	68·0	·738	94	....	4	0·010
8	29·863	74·4	80·0	67·0	·796	93	N.W. 1	10	0·163
9	29·928	74·5	81·8	67·0	·804	93	N.W. 1	2	0·400
10	29·940	74·0	84·0	68·8	·774	92	....	..	0·740
11	29·953	75·4	82·0	68·2	·766	87	....	..	0·415
12	29·964	75·0	80 8	69·2	·820	95	....	6	..
13	29·869	74·0	79·0	68·8	·746	89	W. 3	5	..
14	29·995	73·0	80·0	62·0	·590	96	N. 1	1	..
15	30·112	70·0	80·0	62·0	·657	90	S.E. 1	1	..
16	30·199	73·0	79·6	66·0	·721	89	....	4	..
17	29·988	75·0	82·0	70·6	·749	85	....	2	0·104
18	30·049	76.0	81·8	68·4	·766	86	....	5	1·670
19	29·967	73·8	76·6	71·6	·799	95	E. 4	10	1·330
20	30·071	74·0	77·2	70·0	·496	84	S.E. 3	6	0·010
21	30·047	71·8	78·2	67·4	·620	79	S. 1	3	..
22	29·984	70·5	78·0	69·5	·701	94	S.E. 2	1	..
23	29·975	71·0	80·0	70·4	·611	80	N.E. 1	3	..
24	29·994	75·2	83·6	68·6	·772	88	S. 1	5	0·194
25	29·996	76·0	80·4	72·8	·848	95	N.W. 1	3	0·026
26	30·000	74·0	80·6	69·6	·756	90	S.E. 1	1	..
27	30·063	72·8	79·6	67·2	·971	85	E. 1	4	..
28	30·112	74·2	79·0	63·4	·637	75	....	..	..
29	30·112	76·4	82·6	66·0	·774	85	....	1	..
30	30·051	76·2	83·4	69·4	·815	90	....	1	0·540
Aver.	30·007	73·7	79·6	68·4	·741	88·6	1·2	4·4	..
Total	....	..	..	..	..	..	....	..	12·520

JULY.

Date	Barometer reduced to 32° F. and M.S.L.	Air Temperature. At 9 a.m.	Air Temperature. Max.	Air Temperature. 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	0–10	″
1	30·103	75·2	80·0	71·6	·790	93	S.E. 3	4	0·374
2	30·102	76·6	80·2	70·8	·857	91	S.E. 1	3	0·050
3	30·124	75·0	79·8	70·4	·832	96	S.E. 1	6	0·412
4	30·077	77·4	80·2	69·6	·832	89	S.E. 3	7	0·260
5	30·053	75·2	75·4	72·0	·834	96	E. 2	10	0·100
6	30·032	75·2	75·1	70·2	·860	99	E. 2	10	0·050
7	30·097	75·2	75·4	68·4	·851	99	E. 2	2	0·070
8	30·090	75·1	80·2	67·2	·927	76	E. 2	3	0·020
9	30·043	70·4	81·0	64·8	·736	99	E. 1	1	..
10	30·035	73·2	79·2	65·2	·772	94	....	3	0·124
11	30·058	74·6	78·4	71·0	·810	81	S.E. 3	10	0·460
12	30·060	73·6	78·2	71·0	·718	87	S. 2	10	..
13	30·039	75·0	77·4	71·0	·687	80	S. 3	5	0·442
14	29·932	74·0	82·4	69·6	·804	95	N. 1	10	..
15	29·887	76·8	83·2	72·0	·796	86	....	1	0·156
16	29·994	74·0	74·6	70·2	·766	91	S.E. 2	10	0·300
17	30·033	72·2	78·6	65·4	·668	84	S.E. 2	8	0·306
18	29·981	72·6	80·0	68·2	·746	93	S.E. 1	3	..
19	30·030	71·0	83·0	66·4	·713	94	N. 1	..	..
20	30·042	74·3	82·4	68·0	·766	90	N.W. 1	..	..
21	30·042	73·6	81·4	68·2	·801	96	....	..	..
22	29·967	74·2	83·0	66·8	·738	87	....	..	..
23	30·154	75·0	82·0	66·6	·766	88	S.E. 1	3	0·560
24	30·081	73·6	80·0	70·0	·818	96	S.E. 2	6	0·835
25	30·047	71·0	77·5	68·0	·997	94	....	6	..
26	30·065	74·0	76·0	68·5	·793	94	N. 1	6	0·720
27	30·055	75·2	82·8	67·6	·820	95	S.E. 2	2	1·535
28	30·048	70·0	76·6	67·0	·723	99	....	10	0·100
29	30·052	76·8	81·8	67·2	·851	80	S.E. 2	..	0·142
30	30·100	77·4	82·0	69·0	·823	88	S.E. 3	4	0·040
31	30·183	78·4	80·0	74·0	·759	78	N.E. 4	2	..
Aver.	30·052	74·4	79·6	68·9	·898	90·9	1·5	4·7	2
Total	....	..	..	..	..	..	....	.	7·056

AUGUST.

Date	Barometer reduced to 32° F. and M.S.L.	Air Temperature. At 9 a.m.	Air Temperature. Max.	Air Temperature. 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	″
1	30·156	75·0	80·0	70·0	·738	85	S.E. 3	6	0·070
2	30·165	76·4	80·0	69·0	·664	73	S.E. 2	4	1·092
3	30·091	74·0	80·2	68·4	·820	94	S. 3	6	0·472
4	30·113	78·0	89·0	71·0	·820	86	S.E. 4	4	0·052
5	30·114	78·0	81·0	70·0	·682	71	E. 2	2	..
6	30·045	77·4	81·4	69·2	·731	78	S.E. 3	2	..
7	29·995	75·0	82·0	70·0	·711	82	E. 2	3	..
8	29·985	76·8	81·0	66·0	·733	80	E. 1	3	0·020
9	30·038	77·0	82·6	69·3	·829	90	....	3	4·585
10	30·104	71·8	75·0	67·5	·772	99	....	10	0·445
11	30·069	74·6	75·0	70·0	·782	91	S. 2	10	..
12	30·062	72·0	73·2	65·4	·655	84	E. 2	3	7·440
13	30·003	74·4	80·0	65·0	·611	71	E. 2	2	..
14	30·025	71·2	80·0	61·0	·678	89	....	..	..
15	30·051	72·0	79·8	62·6	·697	89	....	1	0·103
16	30·102	70·6	73·7	66·8	·648	86	E. 1	10	0·087
17	30·095	73·0	76·2	62·8	·664	82	S.E. 1	10	..
18	30·041	75·0	80·0	68·2	·680	79	S.E. 1	8	..
19	30·028	74·6	81·8	67·4	·694	81	....	7	0·228
20	30·033	75·4	81·6	68·2	·766	87	N. 2	8	0·270
21	30·098	75·8	81·8	69·0	·759	85	N.E. 1	2	..
22	30·146	77·8	80·2	67·4	·785	82	....	4	..
23	30·187	75·2	83·2	66·8	·659	76	S.E. 2	..	..
24	30·175	76·2	84·0	65·0	·675	75	S.E. 1	2	..
25	30·083	75·2	81·6	67·4	·652	75	S.E. 2	10	0·815
26	30·049	74·4	79·8	67·2	·706	83	S.E. 4	2	3·380
27	30·110	73·2	76·4	67·0	·635	78	S.E. 3	10	1·192
28	30·176	73·2	76·4	69·2	·718	88	S.E. 4	10	0·090
29	30·103	75·0	84·0	69·8	·728	84	S.E. 3	8	0·115
30	30·060	76·0	80·0	72·0	·782	87	S.E. 2	6	0·030
31	30·061	78·0	80·4	67·6	·790	82	S.E. 3	3	0·176
Aver.	30·083	74·9	80·0	67·6	·718	83·0	1·8	5·1	..
Total	....	..	..	..	..	..	....	..	20·662

SEPTEMBER.

Date	Barometer reduced to 32° F. and M.S.L.	Air Temperature. At 9 a.m.	Air Temperature. Max.	Air Temperature. Min.	Vapour tension.	Relative humidity.	Direction of wind and strength on Beaufort's Scale.	Amount of cloud.	Rainfall.
	″	°F.	°F.	°F.	″	0–100	0–10	0–10	″
1	30·082	79·0	84·0	69·6	·818	83	E. 3	4	..
2	30·011	77·4	82·2	70·2	·731	78	....	3	0·552
3	30·005	76·4	83·0	69·4	·793	87	E. 2	2	1·950
4	30·075	74·0	78·1	68·6	·756	90	S. 2	10	0·164
5	30·124	75·2	79·0	68·4	·772	88	E. 2	8	0·070
6	30·166	78·4	80·0	68·4	·673	74	E. 4	6	0·200
7	30·083	76·0	78·6	72·0	·793	91	E. 4	8	4·052
8	30·132	75·0	77·8	72·0	·820	95	E. 3	8	0·690
9	30·092	76·2	82·0	71·0	·799	88	N.E. 3	4	0·012
10	30·055	78·6	84·6	69·0	·799	82	E. 2	3	..
11	30·031	76·0	84·4	70·0	·801	89	W. 2	4	0·040
12	30·033	78·0	82·4	70·0	·774	81	....	2	0·130
13	29·921	73·2	81·6	69·6	·726	89	N. 2	5	0·842
14	30·102	73·0	79·4	68·0	·680	84	N.E. 3	10	..
15	30·066	73·2	79·0	69·0	·601	74	S.E. 3	7	..
16	30·110	74·2	78·2	69·0	·716	85	S.E. 3	9	0·105
17	30·114	75·8	80·8	67·0	·744	83	S.E. 4	7	0·552
18	30·117	71·8	80·6	69·2	·761	98	E. 4	10	1·486
19	30·080	75·0	77·2	69·8	·694	78	S.E. 4	9	0·552
20	30·086	76·4	80·4	71·2	·812	89	S.E. 4	8	0·494
21	30·141	75·2	78·6	70·6	·659	76	S.E. 5	5	..
22	30·152	74·6	79·2	71·0	·603	70	S.E. 5	10	0·084
23	30·132	75·0	80·0	70·6	·711	82	S.E. 4	7	0·090
24	30·079	75.4	80·2	70·2	·689	79	S.E. 3	10	0·182
25	30·041	75·6	77·8	69·8	·746	84	S.E. 3	10	0·370
26	30·036	77·0	82·8	68·8	·782	85	S.E. 2	3	..
27	30·086	78·2	82·4	68·6	·807	84	S.E. 3	1	..
28	30·035	77·4	83·0	69·4	·785	84	S.E. 1	5	..
29	30·031	79·0	84·0	70·2	·810	82	S.E. 2	5	0·054
30	30·035	79·2	83·2	68·0	·834	84	S.E. 2	5	..
Aver.	30·075	76·0	80·8	69·6	·750	83·9	2·8	6·2	..
Total	....	..	..	..	..	..	.. ....	..	12·671

OCTOBER.

Date.	Barometer reduced to 32° F. and M.S.L.	Air Temperature. At 9 a.m.	Air Temperature. Max.	Air Temperature. 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	0–10	″
1	30·119	79·2	83·0	70·6	·834	84	S.E. 2	7	0·300
2	30·129	79·0	82·0	69·4	·790	80	S.E. 4	4	1·145
3	30·089	77·2	85·4	71·6	·826	89	S. 4	6	0·050
4	30·040	78·0	82·2	71·4	·810	85	E. 2	2	0·060
5	30·022	76·0	82·0	71·2	·840	66	S.E. 4	4	..
6	30·020	75·8	80·4	65·0	·586	65	S.E. 2	3	0·015
7	30·104	77·6	80·8	67·6	·592	60	S.E. 3	2	..
8	30·144	78·4	81·4	67·2	·580	62	S.E. 3	..	..
9	30·143	77·0	83·0	66·0	·626	67	S.E. 2	4	..
10	30·076	78·0	84·0	72·0	·682	71	E. 4	5	0·035
11	30·115	76·0	84·0	71·0	·756	84	E. 2	4	0·070
12	30·101	77·0	84·2	67·6	·738	80	N. 2	2	..
13	30·083	80·0	82·4	72·2	·659	64	....	4	0·640
14	30·006	75·4	79·6	71·0	·812	92	....	10	1·084
15	29·949	75·6	80·7	70·4	·790	91	....	10	1·755
16	29·958	72·5	81·3	67·8	·766	95	....	10	0·252
17	30·026	73·2	83·0	70·0	·718	88	....	8	..
18	30·016	76·8	80·8	72·3	·804	87	....	9	0·970
19	30·006	74·8	76·5	71·8	·733	85	....	10	2·932
20	30·029	72·8	78·4	68·0	·682	84	....	10	..
21	30·050	74·2	80·8	71·0	·716	85	....	8	0·042
22	30·074	79·0	81·2	71·0	·659	72	S.E. 2	7	0·150
23	30·067	74·6	79·8	73·0	·746	·90	S. 4	10	0·330
24	30·016	79·0	81·3	72·4	·857	87	S. 3	7	1·310
25	30·034	78·0	81·3	70·0	·689	71	E. 2	10	1·460
26	30·100	79·0	81·2	71·5	·829	84	S.E. 3	5	0·085
27	29·986	79·8	80·6	73·0	·694	68	S.E. 3	3	..
28	29·941	77·4	82·4	70·2	·759	81	S.E. 3	4	0·505
29	30·016	75·0	82·0	71·5	·829	96	S.E. 3	10	0·297
30	29·931	79·6	84·0	72·0	·788	78	....	9	0·005
31	29·987	77·4	84·7	71·0	·832	89	W. 1	3	..
Aver.	30·044	76·9	81·8	70·3	·761	80·0	2·0	5·7	..
Total	....	..	..	..	..	..	....	..	13·492

NOVEMBER.

Date	Barometer reduced to 32° F. and M.S.L.	Air Temperature. At 9 a.m.	Air Temperature. Max.	Air Temperature. 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	″
1	29·992	78·8	84·0	72·3	·843	86	E. 3	7	0·175
2	29·967	81·4	84·2	71·0	·749	70	N.E. 1	3	..
3	29·968	81·0	85·3	71·5	·812	76	....	3	0·870
4	29·992	72·0	74·0	70·3	·664	84	N.E. 3	8	0·430
5	30·050	71·9	84·2	69·2	·633	80	E. 3	10	0·012
6	30·036	74·2	85·0	69·0	·592	70	N. 3	10	0·009
7	30·002	75·2	83·2	69·0	·779	89	N.W. 3	8	..
8	30·015	80·6	84·4	71·0	·782	75	S.E. 3	7	0·020
9	30·026	78·4	82·8	72·8	·785	81	S.E. 4	8	0·280
10	30·020	74·6	80·6	72·4	·746	87	S.E. 4	10	0·050
11	30·008	78·0	80·0	71·2	·704	73	S.W. 3	4	..
12	30·002	77·2	80·6	70·4	·661	71	S. 4	4	..
13	29·992	76·6	81·2	71·4	·721	79	S.E. 4	10	0·050
14	29·965	76·8	79·4	67·4	·823	92	S.E. 2	8	0·480
15	29·972	73·2	77·0	68·2	·779	95	S.E. 2	10	0·965
16	29·933	72·8	76·8	71·2	·799	99	....	10	7·670
17	29·775	69·6	76·6	69·2	·723	100	S. 2	10	0·750
18	29·831	76·6	77·6	69·8	·746	81	S.W. 1	9	0·045
19	29·934	74·2	80·8	68·4	·779	92	....	10	0·160
20	29·974	75·0	80·4	70·8	·774	89	....	10	..
21	29·919	79·0	81·2	70·2	·810	82	N.E. 3	10	0·100
22	29·911	78·4	81·2	72·0	·848	88	N. 1	5	0·980
23	29·916	80·0	82·6	72·2	·868	85	N.E. 2	3	2·120
24	29·909	78.0	81·6	73·0	·857	90	N.W. 2	2	0·720
25	29·950	77·4	83·0	72·4	·731	78	N.W. 1	6	..
26	29·916	80·0	82·4	69·0	·706	69	S.E. 2	..	..
27	29·926	80·0	82·4	65·6	·774	76	S.E. 3	3	..
28	29·934	78·4	81·2	72·0	·756	78	E. 4	5	0·020
29	29·887	78·2	82·4	72·4	·761	79	E. 2	8	0·130
30	29·817	77·0	81·4	72·0	·829	90	E. 1	9	0·410
Aver.	29·951	76·8	81·3	70·6	·761	82·8	2·2	7·0	..
Total	....	..	..	..	..	..	....	..	16·446

DECEMBER

Date	Barometer reduced to 32° F. and M.S.L.	Air Temperature. At 9 a.m.	Air Temperature. Max.	Air Temperature. 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	″
1	29·752	77·6	84·2	69·2	·818	87	W. 1	1	..
2	29·779	80·0	83·0	72·6	·699	68	N.E. 1	2	..
3	29·804	79·6	85·4	67·6	·738	73	....	..	1·320
4	29·841	80·6	85·6	67·6	·877	84	....	1	..
5	29·847	80·2	84·0	68·0	·740	76	S.E. 3	..	..
6	29·888	79·2	85·0	71·2	·871	88	....	2	..
7	29·900	82·6	85·2	74·0	·826	74	S.E. 3	2	0·020
8	29·892	82·4	85·6	74·0	·832	75	N.E. 3	5	..
9	29·899	83·0	86·0	75·2	·840	75	....	2	0·240
10	29·860	81·4	85·8	74·8	·880	82	....	5	0·010
11	29·855	81·0	84·8	73·6	·820	77	N.E. 2	8	0·160
12	29·913	81·4	84·6	75·0	·888	83	....	7	0·890
13	29·959	79·2	81·4	72·4	·921	92	N.E. 1	10	4·000
14	29·912	79·4	84·2	70·6	·820	82	....	10	..
15	29·854	77·8	85·0	73·2	·843	89	....	5	1·450
16	29·771	77·0	84·0	70·4	·790	86	....	10	0·070
17	29·631	81·0	85·3	70·7	·812	76	N.E. 1	5	1·153
18	29·780	76·0	84·5	73·8	·868	97	....	10	0·007
19	29·771	80·0	85·6	74·7	·877	86	....	10	0·405
20	29·753	81·8	85·8	73·8	·883	81	N.E. 1	10	0·887
21	29·769	81·8	85·0	73·0	·883	81	N.E. 1	8	0·480
22	29·756	80·0	86·6	72·2	·756	72	....	1	..
23	29·713	80·8	86·2	74·2	·900	86	W. 2	9	0·190
24	29·775	78·4	82·2	73·4	·868	99	N. 1	10	0·340
25	29·788	78·4	82·0	72·2	·801	82	W. 1	3	0·584
26	29·783	82·0	86·6	72·0	·927	85	N. 2	4	0·100
27	29·916	80·2	87·6	74·4	·865	84	N.E. 2	5	..
28	29·941	82·0	88·0	74·2	·877	80	....	4	0·008
29	29·916	84·0	87·2	75·0	·888	76	E. 2	4	..
30	29·920	83·2	87·0	72·5	·854	75	....	1	0·140
31	29·865	80·2	86·8	72·0	·865	84	W. 2	4	0·960
Aver.	29·832	80·4	85·2	72·5	·844	81·5	0·9	5·3	..
Total	....	..	..	..	..	..	....	..	13·414