Colony of Fiji.

ANNUAL METEOROLOGICAL REPORT

FOR THE YEAR 1934.

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1934

BY
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HARBOUR MASTER, SUVA.

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1934

METEOROLOGICAL OBSERVATIONS.

SUVA.

OBSERVATIONS are taken at 2030 and 0330 G.M.T., or 8.30 a.m. and 3.30 p.m., Standard Time at Suva, Fiji, in Latitude 18 degrees 8 minutes South, Longitude 178 degrees 26 minutes East, Local Standard Time being 12 hours fast of Greenwich Mean Time. Height of cistern of barometer above Mean Sea Level, 12 feet; Site of Rain-gauge 8 feet; Diameter of Rain-gauge 8 inches; Height of other instruments above ground:—Rim of Rain-gauge 1 foot; Thermometers 4 feet 6 inches; Sunshine Recorder 3 feet 3 inches; Dines Pressure Tube Anemometer 48 feet 6 inches.

The site and the exposure of the instruments are "conventional."

Pressure.—Readings are reduced to 32 degrees F., 45 degrees Latitude and Mean Sea Level. Barograph No. L.526 by Messrs. Short & Mason is in use.

Temperatures.—Maximum read and set at 8½ h., and entered to the previous day. Hygrograph No. H.4228 by Messrs. Short & Mason is in use.

Minimum—Read and set at 8½h., and entered to day of reading.

Maximum in Sun—Read and set at 8½ h., and entered to the previous day.

Grass Minimum—Set at 15½ h., and read at 8½ h., the following day, and entered to the day or reading.

Vapour Pressure, Dew Point and Relative Humidity.——Computed from "*Hygrometric Tables,*" published by the Meteorological Office, London, 1924 (M.O. 265). An ordinary Hygrograph and a Hair Hygrograph are in use.

Rainfall—Measured at 8½ h., and 15½ h., The amount measured at 8½ h., is entered to the previous day, and the amount measured at 15½ h., is entered to the day of reading. Definition of day with rain=0·01 in. or more. An Automatic Syphon Raingauge was brought into use on January 14th, 1930.

Day of Clear Sky—cloud amount less than two-tenths.

Day of Overcast Sky—cloud amount greater than eight-tenths.

Wind.—A Dines Pressure Tube Anemometer is in use. The method adopted by the Meteorological Office, London, for condensing winds, read to 16 points to 8 points, is in use.

Sunshine.—A Campbell-Stokes' Sunshine Recorder is in use.

MONTHLY MEANS FOR THE YEAR 1934, SUVA STATION, TAKEN AT 8.30 A.M. AND 3.30 P.M.

Months.	Mean Pressure in Inches. (Reduced to 32° Faht., 45° Lat. & M.S.L.		Air Temperature (F°)											Mean Dew Point.		Mean Vapour Pressure in Millibars.		Mean Relative Humidity (Saturation =100)		Mean Amount of Cloud. (0—10)	
			Mean Dry Bulb.		Mean Wet Bulb.		Means of			Absolute Max. & Min.											
							Max	Min.	Mean.	Max.	Date.	Min.	Date.								
	8.30	3.30	8.30	3.30	8.30	3.30								8.30	3.30	8.30	3.30	8.30	3.30	8.30	3.30
January ..	29·821	29·757	82·1	84·4	76·8	77·7	88·4	75·9	82·1	95	20	72	28	74·3	74·9	29·1	29·6	77·8	73·8	6·0	7·3
February .	29·845	29·777	79·7	83·2	75·9	77·1	86·5	74·1	80·3	94	16	72	2, 5, 6, 7, 19	74·3	74·4	28·9	28·9	83·6	75·7	6·8	7·3
March	29·802	29·734	80·2	82·9	76·3	77·4	86·5	74·7	80·6	91	2, 8, 12	70	25	74·5	74·9	29·3	29·6	83·4	78·0	7·2	7·7
April	29·922	29·850	80·0	80·8	75·0	75·4	84·5	73·8	79·2	89	2	71	20	72·6	72·9	27·4	27·7	78·9	78·0	6·3	7·5
May	29·940	29·867	75·6	77·2	72·5	73·3	80·0	72·0	76·0	88	10	69	15	71·1	71·2	26·0	26·3	85·7	82·6	8·4	8·5
June	29·979	29·906	75·0	77·6	71·8	72·5	79·9	70·7	75·3	88	11	64	16	70·2	69·8	25·3	25·0	85·1	77·3	7·7	7·8
July	29·975	29·901	73·1	75·7	69·8	71·0	78·1	69·1	73·6	82	10,11,21,22	63	19, 20	68·1	67·9	23·7	23·6	84·6	77·7	7·2	7·3
August ...	30·028	29·948	75·1	77·2	70·5	71·0	79·6	70·0	74·8	86	25, 26	64	3	68·0	67·5	23·4	23·2	79·0	72·8	7·3	7·3
September	29·990	29·915	74·1	76·9	69·5	70·6	79·6	68·9	74·3	88	25	63	2	66·7	66·9	22·8	22·8	78·8	72·3	8·0	7·2
October ..	29·993	29·918	77·2	78·8	72·0	72·5	82·0	70·3	76·1	88	19	66	13, 15	69·2	69·1	24·5	24·5	76·9	73·2	6·3	6·8
November	29·913	29·845	79·2	81·4	74·5	75·3	84·2	72·8	78·5	90	18, 19	67	10	72·2	72·6	27·1	27·4	79·4	75·0	6·7	7·5
December	29·806	29·746	80·3	83·4	74·8	76·3	86·0	73·8	79·9	91	19	70	13	72·3	72·9	27·2	27·7	76·9	71·5	5·7	5·6
Year	29·918	29·847	77·6	80·0	73·3	74·2	82·9	72·2	77·6	..	..	..	..	71·1	71·3	26·2	26·4	80·8	75·6	7·0	7·3

Months.	Mean Bright Sunshine (hours and tenths.)	Weather. No. of days of							Wind. Number of Observations of																		
		Hail.	Thndr Strms	Gales	Clear Sky		Overcast		N.		N.E.		E.		S.E.		S.		S.W.		W.		N.W.		Calms.	
					8·30	3·30	8·30	3·30	8·30	3·30	8·30	3·30	8·30	3·30	8·30	3·30	8·30	3·30	8·30	3·30	8·30	3·30	8·30	3·30	8·30	3·30
January	7·1	0	6	0	2	0	8	9	7	2	7	7	5	7	2	8	0	2	0	3	0	1	0	1	10	0
February	5·9	0	7	0	1	0	11	12	3	3	5	4	1	5	0	6	2	6	1	2	4	1	2	0	10	1
March	5·0	0	5	0	3	1	12	15	4	4	4	4	9	8	1	8	0	2	0	3	1	1	2	1	10	0
April	5·2	0	2	1	0	0	5	13	3	2	8	7	12	16	2	4	0	0	0	1	0	0	1	0	4	0
May	2·3	0	0	0	1	1	23	23	3	2	5	5	7	9	7	11	0	2	0	2	2	0	1	0	6	0
June	3·3	0	0	0	0	0	14	18	7	0	6	7	7	13	3	6	1	1	1	3	1	0	1	0	3	0
July	3·9	0	1	0	1	1	14	14	8	0	6	5	4	10	4	8	1	4	1	3	2	0	0	1	5	0
August	4·7	0	0	0	1	0	16	14	0	0	12	7	12	15	6	7	1	1	0	0	0	1	0	0	0	0
September	4·4	0	1	0	0	3	15	13	4	1	7	6	8	11	5	10	2	1	1	1	0	0	0	0	3	0
October	6·1	0	2	0	1	0	8	12	0	0	7	3	12	16	6	9	0	3	1	0	1	0	0	0	4	0
November.....	6·2	0	4	0	2	0	12	17	4	1	5	4	11	16	3	6	0	1	1	2	4	0	0	0	2	0
December	8·8	0	3	0	0	0	4	7	4	1	7	4	9	15	2	6	3	2	1	3	1	0	0	0	4	0
Year	5·2	0	31	1	12	6	142	167	47	16	79	63	97	141	41	89	10	25	7	23	16	4	7	3	61	1

EXTREMES FOR THE YEAR.

Highest Pressure—30·117″ at 8.30 a.m. on August 16th.
Lowest Pressure—29·615″ at 3.30 p.m. on December 26th.
Highest Temperature in Shade—95° on January 20th.
Lowest Temperature in Shade—63° on July 19th and 20th and September 2nd.
Greatest Range—20° on February 16th.
Least Range—3° on February 15th, July 4th and 29th and August 8th.
Most rain in 24 hours—6·16″ on March 19th.
Maximum Wind Velocity—40 miles per hour from E.S.E. at 1442 on April 14th.

METEOROLOGICAL OBSERVATIONS TAKEN AT SUVA, FIJI,

DURING

JANUARY, 1934.

JANUARY.

Day.	Air Pressure at Mean Sea Level in the Units of Measurement.		Temperature (degrees F.)										Humidity.					
			In Screen.				Max.	Min.	In Open.		In Ground.		Dew Point.		Vapour Pressure.		Percentage.	
			Dry.	Wet.	Dry.	Wet.			Grass Min. Eve. to Morn.	Max. in Sun Black Bulb in vacuo.	I							
	I	II	I		II						1 foot.	4 feet.	I	II	I	II	I	II
			Tenths.				Whole Degrees.				Tenths.							
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
	in.	in.	°	°	°	°	°	°	°	°	°	°	°	°	mb.	mb.		
1	29·853	29·771	81·4	77·2	87·6	78·4	91	76	71	152	84·2	83·0	75	75	29·9	29·9	82	65
2	29·871	29·806	84·0	78·2	84·2	79·0	91	76	73	154	84·8	82·9	75	77	30·1	31·6	76	79
3	29·891	29·818	81·8	79·0	89·0	80·2	90	75	73	153	84·8	83·0	78	76	32·5	31·0	88	67
4	29·884	29·833	85·0	77·7	87·8	78·8	89	77	74	157	85·4	83·0	74	75	28·9	29·9	71	66
5	29·872	29·756	83·2	77·0	88·0	77·8	88	78	75	157	85·3	84·2	74	74	29·0	28·3	75	62
6	29·819	29·773	84·0	78·0	78·0	75·2	92	76	75	155	84·9	83·7	75	74	30·1	28·3	76	87
7	29·817	29·785	85·0	78·0	86·0	80·0	91	76	74	160	84·0	83·0	75	78	29·6	32·3	72	76
8	29·839	29·804	84·0	79·0	87·3	80·4	91	77	74	162	84·8	83·8	77	77	31·6	31·9	79	73
9	29·835	29·789	79·4	76·8	81·8	78·0	88	76	75	163	84·0	83·6	75	76	30·1	31·0	89	84
10	29·833	29·783	81·6	76·8	77·0	76·0	83	77	74	124	83·7	83·9	75	76	29·5	30·2	80	95
11	29·785	29·715	82·8	76·8	85·4	77·2	87	74	74	152	81·9	83·8	74	73	29·0	28·1	75	68
12	29·747	29·659	83·2	77·0	86·0	78·8	88	78	75	156	83·1	83·3	74	76	29·0	30·7	75	72
13	29·715	29·666	84·0	78·8	86·2	80·0	90	76	74	154	84·2	83·0	77	78	31·6	32·3	79	75
14	29·733	29·668	84·2	79·4	86·8	79·8	91	78	76	157	84·4	83·0	77	77	31·6	31·9	80	72
15	29·717	29·659	81·6	76·6	80·8	75·8	83	77	75	115	84·0	83·6	75	74	29·5	28·4	79	79
16	29·759	29·677	76·0	73·2	82·0	75·0	83	76	73	124	82·7	83·0	72	72	26·4	26·5	87	71
17	29·754	29·701	81·8	77·2	87·0	79·4	91	76	74	153	82·2	82·8	76	76	30·2	31·1	81	70
18	29·814	29·749	83·0	77·2	84·0	78·7	87	75	73	152	83·0	83·0	74	76	29·0	30·9	76	79
19	29·791	29·756	82·0	77·4	80·0	77·0	87	76	74	154	82·8	83·1	76	76	30·2	30·3	81	87
20	29·810	29·732	83·6	77·6	86·2	80·5	95	76	74	157	82·9	83·0	75	78	30·1	33·1	76	77
21	29·845	29·779	83·8	77·0	87·2	76·6	94	76	73	162	83·8	83·3	74	72	28·6	26·5	73	61
22	29·851	29·778	84·2	76·8	89·8	76·0	93	77	74	159	84·1	83·7	73	69	27·8	24·4	70	51
23	29·893	29·836	82·2	78·0	88·0	80·0	90	77	73	158	84·7	83·9	76	77	31·0	31·4	82	69
24	29·933	29·889	81·9	78·1	79·8	76·0	83	79	75	101	85·2	84·0	76	74	31·0	28·9	84	83
25	29·965	29·858	79·8	75·2	79·0	77·0	83	75	72	126	83·2	84·1	75	76	28·2	30·8	80	91
26	29·899	29·826	79·1	73·7	83·8	74·6	86	77	73	156	81·9	83·9	71	71	25·7	25·7	77	64
27	29·793	29·724	80·4	73·2	84·0	75·0	86	73	69	151	82·3	83·7	69	71	24·6	25·7	70	64
28	29·774	29·697	80·8	73·0	84·2	75·2	87	72	69	162	83·0	83·6	69	71	24·2	25·7	67	64
29	29·757	29·685	81·1	75·4	81·0	78·2	90	74	71	156	83·3	83·5	73	77	27·7	31·4	76	88
30	29·791	29·749	80·0	76·1	84·4	78·0	85	74	70	153	83·2	83·8	74	75	28·9	29·3	83	74
31	29·799	29·743	80·6	74·2	83·2	77·2	86	74	70	152	84·0	85·0	71	74	26·3	29·0	73	76
Totals	924·439	922·464	2545·5	2379·6	2615·5	2409·8	2739	2354	2269	4647	2595·8	2588·2	2304	2321	901·9	916·5	2412	2289
Means	29·821	29·757	82·1	76·8	84·4	77·7	88·4	75·9	73·2	149·9	83·7	83·5	74·3	74·9	29·1	29·6	77·8	73·8

METEOROLOGICAL SUMMARY FOR MONTH OF JANUARY, 1934.

Highest Pressure—29·965″ at 8.30 a.m. on 25th.
Lowest Pressure—29·659″ at 3.30 p.m. on 12th and 15th.
Highest Temperature in Shade—95° on 20th.
Lowest Temperature in Shade—72° on 28th.
Mean Daily Range—12·4°.
Greatest Range—19° on 20th.
Least Range—4° on 24th.
Mean Temperature for Month—82·1°.
Greatest Humidity—95 per cent. at 3.30 p.m. on 10th.
Least Humidity—51 per cent. at 3.30 p.m. on 22nd.
No. of Days of—Rain, 22; Hail, 0; Thunderstorms, 6; Fog, 0; Gales (force 8 or more), 0.

RAINFALL:—Total, 9·18″ average, 11·39″ for 50 years; difference from normal—2·21; greatest fall in 24 hours, 1·96 on 10th.

VISIBILITY SUMMARY—NO. OF CASES OF.

Hour.	X	A	B	C	D	E	F	G	H	I	J	K	L	M
8.30 a.m.	0	0	0	0	0	0	0	0	0	1	1	6	15	8
3.30 p.m.	0	0	0	0	0	0	1	0	0	5	2	6	8	9

Standard Distance of Objects used for Estimate of Visibility:—X—Nil, A—27 yards, B—55 yards, C—110 yards, D—220 yards, E—550 yards, F—1,110 yards, G—1¼ mile, H—2½ miles, I—4⅓ miles, J—6¼ miles, K—12½ miles, L—18¾ miles, M—31 miles.

AMOUNT OF CLOUD.

	Number of cases of total cloud amount of.				
Hour.	0	1/3	4/6	7/9	10
8.30 a.m.	0	6	11	13	1
3.30 p.m.	0	0	8	18	5

JANUARY.

Wind Direction and Force (Beaufort Scale). I		Wind Direction and Force (Beaufort Scale). II		Weather (Beaufort Letters). At time of Observation I.	During day I to II.	At time of Observation II.	During night II to I.	Cloud. Amount (0–10) I	II	Form. I	II	Direction whence coming. I	II	Amount of Rain. 7 hours during day measured at 15h. 30m.	17 hours measured next morning at 8h. 30m.	Sunshine. Hours and tenths.	Visibility. I	II	State of Ground. I	II	Day.
(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	
Dir.	Fc.	Dir.	Fc.											n.	n.						
Calm	0	WNWly	4	bc	bc,cpq	cpq	cpq,bc,b	5	7	ci/ci-s/f-cu	cu-nb/nb	NW/E	NW	0·02	0·08	10·2	L	I	1	1	1
Calm	0	S.E.	3	bv	bv,bc,cd	cd	cd,rp,qbc	1	7	cu	nb	E.N.E.	E.S.E.	Trace	0·69	8·9	M	M	0	5	2
Calm	0	E.XS.	4	bc	bc	bc	bc,cl	4	4	ci/cu/cu-n	ci-s/cu/cu-n	—/E	—/ENE	..	..	11·5	M	M	2	1	3
N.E.	3	E.XN.	4	c.	c,bcz	cz	cz,od	7	7	ci/cu/cu-n	ci/ci-s/cu	SW/NE	W/ENE	..	0·04	9·6	L	I	0	0	4
N.E.	2/3	N.E.XN.	4	o	c,od	c	c,bl,od,cv	9	8	a-st/cu	ci-cu/a-cu/cu-n	-/N.E.	NNW/NE	0·02	0·05	4·9	L	L	5	0	5
N.N.E.	2	N.E.XN.	3	cv	cv,bc,oRtl	oql	oql,c,bcv	8	10	ci/ci-st/cu	nb	—/N	S.S.W.	0·77	0·02	7·0	M	F	0	2	6
N.	2	E.XS.	3	bcv	bc,cv	cv	cq,bc	6	7	ci/ci-cu/cu	ci-cu/cu/cu-n	—/SE.	—/NE	..	..	7·7	L	L	1	1	7
Calm	0	S.E'ly	2	bc	bc,ct	ct	cqotlRr,bc	4	7	cu/cu-nb	ci-cu/cu/nb	E.	W/SE	..	1·48	10·1	M	M	0	0	8
Calm	0	S.E.XS.	3	bc	bc,od,c	ojr	c,op	6	9	ci/cu/nb	nb	W/SE	S.E.	0·02	0·43	3·7	L	I	2	1	9
E.S.E.	4/5	N.E.	2	o	oqRrdtl	odq	odq,p,c	9	9	cu/nb	cu/nb	E.	E.	1·91	0·05	1·0	I.	I	2	2	10
E.	4	E.	4/5	c	c,bcz	bcz	bcz,cr	8	6	ci/cu/cu-nb	ci-cu/cu/cu-n	W/E	W/E	..	0·06	11·5	K	J	2	1	11
E.XS.	4	E.S.E.	4	bc	bc,c	c	c,bcq	5	8	ci/ci-cu/cu	a-cu/cu/cu-n	W/E	W/E	..	Trace	9·3	K	K	1	0	12
E'ly	2	E.S.E.	3	bc	c,bc	bc	c,oqlr,p	5	5	ci/cu/cu-nb	ci/cu/nb	W/E	NW/E	0·01	0·37	9·1	L	L	0	0	13
N.	2	N.E.XN.	3	bc	bc,cp,vq	cv	cv,o	6	7	ci-s/cu/cu-n	ci/a-st/cu/n	N/S	S/N	0·02	..	8·3	L	M	1	1	14
N.	4	N.N.W.	4	ov	ovq,cd	ovq	ovq,d	9	10	a-st/cu/nb	a-st/cu	W/N	NW/NW	0·02	0·06	0·5	M	M	0	0	15
N.XE.	2	N.XW.	3	odq	odq,v	ov	ov,r,c	10	10	st	a-st	N.	N.W.	0·03	0·03	0·0	K	M	5	0	16
N.	1	N.E.	3	c	bc,cr	c	ctl,bcw	7	8	ci/cu	ci/ci-s/cu	W/N	SW/NW	0·09	Trace	6·5	L	K	0	0	17
N.E.	1	E.N.E.	2	c	c,oRq	o	or,c	7	9	ci/ci-s/cu/cun	a-st/cu/nb	SW/N	—/NNE	0·88	0·20	4·7	L	L	5	2	18
N.N.E.	1	S.W.	3	o	c,ogd	ogd	odqtl,bc	9	10	ci-s/a-s/cu-n	st/nb	S/NNE	N.	0·01	0·07	2·3	L	I	1	1	19
N.N.E.	3	S.W.	3	bc	bc,c	c	c,bcl,b	4	7	ci/cu	ci-cu/cu/cu-n	W/N	E/W	..	..	11·2	L	L	1	0	20
N.N.E.	2	W.S.W.	4	b	b,bcq,c	c	c,bc,bw	3	7	ci/ci-s/cu	ci/a-cu/cu	W/NNE	E/W	..	..	7·5	K	K	0	0	21
Calm	0	N.E.	3	b	b,bc	bcy	bcw,c	2	4	ci/cu	ci/a-st/cu	—/N	W/NE	..	..	9·2	M	M	5	0	22
Calm	0	S.E.	3	c	c,bc	bc	bc,ol,rtl	8	5	ci/ci-st-/cu	ci/c -cu/cu	S/SW	NW/SE	..	0·03	10·4	L	L	5	0	23
E.	2	E.S.E.	2	ol	ol,rq,d	o	od,q	9	10	nb	a-st/nb	E.	E.	0·12	0·02	0·0	K	K	5	1	24
N.E.	1	E.XS.	4/5	o	op,Rq	oq	oq	9	9	cu/nb	cu/nb	E.	E.	1·29	0·01	0·8	K	J	1	2	25
E.S.E.	4/5	S.E.	4	o	o,c,bc	bc	bc,c	9	6	cu-nb	cu/cu-nb	E.S.E.	S.E.	Trace	Trace	9·8	J	K	2	1	26
S.E.	3	S.S.E.	4	bc	bc	bc	c,bc,bw	5	4	cu/cu-nb	cu/cu-nb	E.S.E.	S.E.	..	..	8·6	L	L	1	0	27
Calm	0	S.E'ly	2	b	b,bc,c	c	c,odq,bc	2	7	ci-cu/cu	cu/nb	N/WNW	SE	..	0·06	8·9	L	M	5	0	28
N.N.E.	2	N.N.E.	1	bc	bc,cpq	cq	cq,dl,bw	6	8	ci/st-cu/cu	st/cu/cu/nb	NW/NE	N.	0·08	0·02	6·6	L	K	5	5	29
Calm	0	S.S.W.	4	bv	bv,bc	bcv	bcv,bw	1	4	cu	ci/cu/nb	N.	W/SSW	..	..	11·4	M	M	5	0	30
Calm	0	S.S.W.	4	bv	bv,bc	cjp	cpq,bc,bv	2	8	ci/cu	cu-nb	W/N	W.	..	0·12	9·2	M	L	5	0	31
...	..	...	..	...	...	...	...	185	227	...	...	...	...	5·29	3·89	220·4	..	..	..	..	Totals
...	..	...	..	...	...	...	...	6·0	7·3	...	...	...	...	..	..	7·1	..	..	..	..	Means

WIND SUMMARY.

	Force 8 or more.	4/7.	1/3.	Calms.	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.
8.30 a.m.	0	5	16	10	5	5	4	0	4	2	1	0	0	0	0	0	0	0	0	0
3.30 p.m.	0	13	18	0	1	1	6	1	5	3	6	1	0	2	2	1	0	1	0	1
	0	18	34	10	6	6	10	1	9	5	7	1	0	2	2	1	0	1	0	1

Prevailing Direction, N.E.; 8.30 a.m., N.N.E.; 3.30 p.m., S.E.

KATA THERMOMETER OBSERVATIONS IN "SCREEN."

Time of Observation between 9h. and 9h. 30m. F. 464.

JANUARY, 1934.

Date.	Cooling Power. Dry Kata.	Wet Kata.	Date.	Cooling Power. Dry Kata.	Wet Kata.
1	..	..	17	4·1	12·5
2	2·7	12·5	18	3·3	11·3
3	2·9	13·1	19	4·1	12·1
4	3·5	13·3	20	4·0	14·7
5	4·8	14·1	21	..	..
6	4·0	14·3	22	3·2	11·3
7	..	..	23	3·7	11·7
8	2·7	10·5	24	4·6	14·5
9	3·3	12·1	25	3·3	8·6
10	5·3	15·0	26	3·8	14·5
11	3·8	13·6	27	3·6	12·9
12	3·8	12·2	28	..	..
13	4·7	12·9	29	5·7	14·3
14	..	..	30	4·8	13·5
15	4·2	13·1	31	3·2	11·6
16	4·0	12·2			
Totals	..	..	..	101·1	332·4
Means	..	..	..	3·9	12·8

WEATHER DIARY—JANUARY, 1934.

Date.

1. Lightning continued to 0430. Early morning fine, half cloudy and Northerly airs to calm. Solar halo 0832 to 0840. Moderate break on reef and gentle swell in harbour during day. Westerly airs 0928, backing S.E. increasing force 4, backing E.N.E. 1340. Variable squally wind 1528 and cloudy and passing showers to 1600, then half cloudy and light N. breeze. Rainbow to E.N.E. 1610.
2. Early morning fine, clear sky and unusual visibility. Moderate westerly breeze 0156, gradually falling off veering N. Calm 0750. Light variable N.N.E. breeze increasing force 3/4 from E.S.E. 1120, veering S.E. 1425, then gradually falling off veering N. variable and occasional gentle to moderate squalls. Drizzle 1528 increasing to moderate rain 1625, then passing showers to 2400. Whilst it was drizzling at 1530 visibility was exceptionally good. Rainbow to E. 1820.
3. Northerly airs to calm after 0050. Light variable S.E. breeze 0845 increasing force 4, gradually backing E and to N.E. 1612 falling off. Fine, half cloudy all day, half to three-quarter cloudy evening. Lightning 1930 to 2015.
4. Northerly airs to calm in early morning and cloudy, wind gradually increased force 4/5 veering E. gradually falling off after 1600 backing N.E. Half cloudy during the morning, cloudy and hazy afternoon. Solar halo observed 1325 to 1545.
5. Drizzle 0120 to 0150. N.E. airs in early morning gradually increasing 0700 to force 3/5, gradually falling off 1845. Drizzle 1250 to 1300. Cloudy all day, clearing 1900, covering again 2100. Lightning 1935 to 2330, drizzle 2325 to 2348.
6. Northerly airs to calm in early morning, increasing 0720 from N.N.E. veering N.E. 1256. Solar halo observed 0840 to 1220. Sudden squall force 4/5 from W. by N. 1402 and heavy rain and thunderstorm to 1530. Wind rapidly backed 1422 falling off, reaching N.E. by N. then gentle squall falling off 1530 increasing 1620, backing N. Westerly, gradually falling off veering N. 1922. Lightning continued to 2100.
7. Northerly airs to calm in early morning and fine and clear, unusual visibility during the day. Wind increased force 2, 0802, veering E.S.E. force 4, 1145. Sudden gust force 5 for 2 minutes, then gradually falling backing N.E. by N. Cloudy afternoon and night.
8. Light squalls from N.E. 0035 to 0155, then Northerly airs to calm and half cloudy. Light variable winds 0856, increasing force 4 from N.W. 0940 falling off to force 2, backing S.E. variable force 2/3, 1120. Thunder 1250 to 1600. Gentle squalls from N.N.W. 1620 to 1710, then Northerly airs to calm, increasing after 1900, veering Westerly, falling off 2300. Severe thunderstorm 2109 to 2230 and heavy rain 2122 to 2230, thence light rain.
9. Light rain to 0115 and 0410 to 0620, then half cloudy. Variable winds to calm in early morning. Light S.S.W. breeze 0856 backing S.E. force 2/3 1013, increasing force 4, 1300, falling to force 3, 1418, increasing force 4/6, gusty, 1700. Cloudy to overcast after 0900. Drizzle 1025 to 1035, rain 2010 to 2020.
10. Heavy passing showers 0400 to 1048. Gentle to fresh winds from 0000 mainly E.S.E. Squalls force 2/6 0900 to 1600 from E.S.E. to N.E. then steady E. breeze force 5/6. Light to heavy rain and drizzle 1100 to 1540 and distant thunderstorm to 1230. Showers at 1748 and 2040.
11. Half to 3/4 cloudy all day and moderate to fresh E. breeze. Slight haze during afternoon. Occasional gusts of wind force 6 during morning.
12. Rain 0244 to 0251. E. breeze force 3/5 in early morning, gradually falling off after 1415. Northerly airs to calm 2200. Half to 3/4 cloudy all day and night.
13. Northerly airs to calm and half cloudy in early morning. Gentle squall from N.E. 0600 to 0620. Light variable E. breeze 0802, increasing force 3/4, falling off 0700 backing N.E. Light shower at 0939. Half to three-quarter cloudy all day, sky cleared 1900. Squall from N.N.E. 2035 force 5, veering E.N.E. 2110, then rapidly falling off backing N. Rain 2100 to 2150 and lightning.
14. Fine and half cloudy in morning and N.E. airs. Gentle squall at 0600. Light to moderate breeze from 0800 varying between N.E. and N. by W. Squalls at 1050 and 1612. Light passing showers at 0604, 0806, 1048 and 1212. Unusual visibility during the day.
15. Early morning overcast and unusual visibility. Gentle N.N.E. wind, gradually increasing force 3/5, squally, veering after 0800 to N.N.W. Thin drizzle 1250 to 1320. Maximum squall at 1434, 28 m.p.h. Wind gradually veered N.N.E. after 1700 backing N.N.W. after 2000.
16. Thin drizzle 0310 to 0414 and 0758 to 1030. Squally N. to N.N.W. winds in early morning force 2/4. Variable winds after 0900 force 2/3 between N. and N.N.W. N.E. airs after 1710. Overcast all day and unusual visibility.
17. Northerly airs to calm in early morning and cloudy, rain 0250 to 0300 and 1208 to 1212. Wind increased force 3/4 veering N. Easterly, backing W. 1800 falling off 1900 veering N. Solar halo 1410 to 1600. Distant thunderstorm 1630 to 1800. Sky cleared about 2200.
18. Dew in morning and N.N.E. airs to calm, sky gradually covered. Light N.E. breeze 0755. Wind veered E.S.E. 1000 force 3/4 and to S. squally and variable, 1242 falling off 1300, rapidly backing N. 1420, then veering E.N.E. force 2/3. Heavy rain 1100 to 1104 and 1212 to 1336, rain 1642 to 1710 and 2042 to 2100. Variable winds calm to force 2 after 1825.
19. Early morning fine, cloudy and calm to N.N.E. winds force 1/2; wind gradually increased veering N.E. and to E. 1300 (overcast and gloomy), then backing S.W. force 3/4. Calm 1702. Thin drizzle 1500 to 1535. S.W. airs 1810 veering N.W. Squall 1935 force 4, falling off to Northerly airs 2003. Drizzle 1940 to 2000 and distant thunderstorm.
20. Early morning fine, half cloudy and Northerly airs to calm. Light N.N.E. breeze 0754, gradually increasing force 3/5 gusty, backing N.N.W. 1310 and to S.W. force 3, suddenly, 1445, gradually falling off 1800 veering N. Cloudy afternoon, half cloudy night, lightning 2300.
21. Lightning to 0130. Calm generally in early morning with occasional light squalls and half cloudy. Light N.E. breeze 0735 gradually backing N. by W. force 3 and sky becoming cloudy. Sudden squall from W. 1422, 25 m.p.h. force 6, rapidly falling off to force 4 and gradually backing S. increasing from W.S.W. 1946. Calm 2200 and half cloudy.
22. Northerly airs to calm and dew in morning and clear sky. Gentle N.N.E. breeze 0852 veering E.S.E. 1122, backing N.E. force 4, 1212, falling off 1500, N.N.E. airs 1644. Half cloudy afternoon and night.
23. Dew in early morning and Northerly airs to calm. Cloudy 0800. Solar halo 0840 to 1010. Light N.W. breeze 1023 backing S.S.W. 1040 and to S.E. variable force 3 1212, rapidly backing N.E. 2005. Half cloudy afternoon, overcast night. Lightning 2025 to 2240.
24. N.E. airs to calm in early morning and overcast. Rain 0614 to 0616. Thunderstorm at 0745, lightning continued to 0910. Wind veered E. force 2, squally winds 0/4 after 0940. Light to gentle E. to E.S.E. breeze 1305, increasing force 4 1900, backing N.N.E. 2152 falling off. Rain 1125 to 1135, thin drizzle 1300 to 1310 and 1620 to 1650.
25. Thin drizzle 0040 to 0100. N. to N.E. squalls 0/2 in early morning. N.E. airs 0746; calm 0900. Passing showers 0845 to 1005; heavy rain 1148 to 1235; passing showers 1430 to 1500 and at 2325. Squally Easterly winds 1000 to 1600 forces 1/6, maximum at 1227 (30 m.p.h.) then moderate to strong E.S.E. breeze. Dull after glow lasting to 1930.
26. Moderate to strong E.S.E. breeze gradually moderating; overcast sky gradually clearing after 0900 and wind veered S.E. falling off 2300. Half to three-quarter cloudy night.
27. Variable airs, mainly Northerly after 0300. Gentle S.E. breeze 0756 and half cloudy. Wind increased force 4, 1125, veering S.S.E. falling off 1800 backing E.S.E. and to N. 2110. Cloudy after 1600, clearing 1750.
28. Calm 0048 to 0504, then Northerly airs; calm 0700. Clear sky in early morning and dew. Variable airs 0848 increasing force 2/3 from S. Easterly, and sky covering, veering Southerly 1650. Drizzle 1925 to 2032. Squall from W.N.W. force 4, 2000 falling off 2022 veering Northerly.
29. Early morning fine, half cloudy and Northerly airs, increasing 0800 from N.N.E.; squally after 0900, wind backing occasionally to N.N.W. falling off 1510, backing Westerly 1600, veering Northerly 1850. Passing showers 1058 and 1508. Drizzle 1750 to 1815 and double rainbow to E. Lightning to S. 1950 to 2020. Clear cloudless night.
30. Northerly airs to calm in early morning, cloudless and heavy dew. Light breeze 0940 gradually increasing force 4/5, falling off 1800 veering W 2100 and to Northerly 2200. Unusual visibility all day, half cloudy afternoon and night.
31. Northerly airs to calm in morning, clear sky and dew. Calm 0810. Unusual visibility all day up to 1515. S.S.W. airs 0912 gradually increasing force 4. Cloudy 1520. Fresh squalls from S.S.W. backing S.S.E. when falling off, at 1638 and 1714 and passing showers. Wind veered W, force 3 2110. Half cloudy night.

ADDITIONAL NOTES.

A hot month. Mean temperature was 2·1° above normal.

METEOROLOGICAL OBSERVATIONS TAKEN AT SUVA, FIJI,

DURING

FEBRUARY, 1934.

FEBRUARY.

Day.	Air Pressure at Mean Sea Level in the Units of Measurement.		Temperature (degrees F.)										Humidity.					
			In Screen.				Max.	Min.	In Open.		In Ground.		Dew Point.		Vapour Pressure.		Percentage.	
			Dry.	Wet.	Dry.	Wet.			Grass Min. Eve to Morn.	Max. in Sun Black Bulb in vacuo.	I							
	I	II	I		II						1 foot.	4 feet.	I	II	I	II	I	II
			Tenths.				Whole Degrees.				Tenths.							
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
	in.	in.	°	°	°	°	°	°	°	°	°	°	°	°	mb.	mb.		
1	29·790	29·717	80·6	75·8	85·0	75·4	86	73	70	147	84·0	85·1	74	71	28·4	25·9	79	62
2	29·794	29·727	83·2	75·6	87·4	76·4	90	72	70	149	84·3	85·0	72	71	26·8	25·8	70	58
3	29·829	29·746	80·4	75·2	88·0	78·6	90	74	72	150	84·9	84·8	73	74	27·4	29·1	78	65
4	29·753	29·671	78·8	74·8	85·0	78·0	87	75	74	153	85·1	84·6	73	75	27·9	26·9	82	72
5	29·753	29·693	79·4	75·0	85·8	75·2	88	72	70	161	84·2	84·7	72	71	27·2	25·5	81	60
6	29·801	29·757	80·2	74·6	77·2	76·0	89	72	70	158	84·3	84·6	72	76	26·7	30·2	76	94
7	29·852	29·778	78·4	75·0	83·0	76·7	84	72	70	124	84·2	84·8	73	74	27·6	28·3	85	74
8	29·875	29·761	79·2	75·8	85·8	79·0	88	75	73	145	83·8	84·0	74	76	28·6	30·7	85	73
9	29·818	29·757	78·0	75·4	79·0	76·7	85	75	74	148	83·4	84·3	74	75	29·0	30·1	88	90
10	29·814	29·741	79·0	76·6	85·0	78·8	85	75	73	150	83·0	84·3	75	77	30·1	31·2	89	75
11	29·825	29·747	76·8	75·4	79·0	77·0	85	74	72	159	80·1	84·3	75	76	29·5	30·8	93	91
12	29·830	29·796	78·2	76·2	80·2	75·0	82	75	74	154	80·4	83·8	75	73	29·8	27·4	91	78
13	29·859	29·806	80·6	76·4	83·2	75·6	84	75	72	155	81·2	83·0	75	72	29·9	26·8	82	70
14	29·865	29·826	80·4	76·0	83·2	77·8	85	74	71	149	82·7	83·3	74	75	28·2	29·8	81	78
15	29·866	29·892	77·2	76·2	78·0	77·0	79	76	74	123	82·2	83·4	76	77	30·2	31·2	95	95
16	29·851	29·782	83·0	77·2	90·0	79·4	94	74	72	154	82·2	82·9	74	75	29·0	29·7	76	61
17	29·889	29·831	84·6	78·2	81·0	78·0	91	75	73	160	83·0	83·8	76	77	30·4	31·4	74	87
18	29·947	29·853	75·4	73·2	79·2	73·4	80	74	72	118	80·3	83·0	72	70	26·8	25·1	90	75
19	29·926	29·855	79·6	74·2	82·9	76·8	86	72	70	157	80·6	83·2	72	74	26·7	29·0	77	74
20	29·954	29·905	79·6	74·6	79·8	77·8	87	74	71	156	81·4	83·2	73	77	27·4	31·0	79	91
21	29·927	29·835	79·2	78·0	86·0	78·0	88	74	72	155	81·4	83·2	78	75	32·3	29·2	95	69
22	29·853	29·751	79·6	77·4	84·0	78·2	87	75	73	152	82·9	83·1	77	75	31·9	30·1	90	76
23	29·782	29·738	80·6	76·6	76·4	74·8	84	74	72	139	82·4	83·1	75	74	29·9	28·5	83	93
24	29·816	29·755	77·0	73·8	84·2	78·0	85	73	70	149	81·1	83·0	73	75	27·3	30·1	85	75
25	29·845	29·782	80·0	76·8	84·0	78·0	86	74	71	150	82·0	83·0	76	75	30·3	30·1	86	76
26	29·837	29·771	79·0	76·2	81·8	77·4	85	74	72	135	82·2	83·1	75	76	29·3	30·2	87	82
27	29·825	29·753	79·9	76·0	88·0	77·2	92	75	73	149	82·3	83·2	74	72	28·9	26·8	83	60
28	29·878	29·813	83·0	78·8	87·4	78·2	90	77	74	155	83·0	83·2	77	74	32·1	28·8	82	65
Total.	835·654	833,749	2230 9	2125·0	2329·5	2158·4	2422	2074	2014	4154	2312·6	2345·0	2079	2082	809·6	809·7	2342	2119
Means	29·845	29·777	79·7	75·9	83·2	77·1	86·5	74·1	71·9	148·4	82·6	83·8	74·3	74·4	28·9	28·9	83·6	75·7

METEOROLOGICAL SUMMARY FOR MONTH OF FEBRUARY, 1934.

Highest Pressure—29·954″ at 8.30 a.m. on 20th.
Lowest Pressure—29·671″ at 3.30 p.m. on 4th.
Highest Temperature in Shade—94° on 16th.
Lowest Temperature in Shade—72° on 2nd, 5th, 6th, 7th and 19th.
Mean Daily Range—12·4°.
Greatest Range—20° on 16th.
Least Range—3° on 15th.
Mean Temperature for Month—80·3°.
Greatest Humidity—95 per cent. at 8.30 a.m. on 15th and 21st and at 3.30 p.m. on 15th.
Least Humidity—58 per cent. at 3.30 p.m. on 2nd.
No. of Days of—Rain, 24; Hail, 0; Thunderstorms, 7; Fog, 0; Gales (force 8 or more), 0.

RAINFALL:—Total, 19·95″; average, 11·56″ for 50 years; difference from normal, + 8·39 ; greatest fall in 24 hours, 4·44 on 10th.

VISIBILITY SUMMARY—NO. OF CASES OF.

Hour.	X	A	B	C	D	E	F	G	H.	I	J	K	L	M
8.30 a.m.	0	0	0	0	0	1	0	0	1	1	0	3	16	6
3.30 p.m.	0	0	0	0	0	0	0	1	1	2	2	4	8	10

Standard Distance of Objects used for Estimate of Visibility:—X—Nil, A—27 yards, B—55 yards, C—110 yards, D—220 yards, E 550 yards, F—1,110 yards, G—1¼ mile, H—2½ miles, I—4⅓ miles, J—6¼ miles, K—12½ miles, L—18⅔ miles, M—31 miles.

AMOUNT OF CLOUD.

Hour.	Number of cases of total cloud amount of.				
	0	1/3	4/6	7/9	10
8.30 a.m.	0	5	8	9	6
3.30 p.m.	0	4	4	14	6

FEBRUARY.

Wind Direction and Force (Beaufort Scale). I		II		Weather (Beaufort Letters). At time of Observation I.	During day I to II.	At time of Observation II.	During night II to I.	Cloud. Amount (0–10). I	II	Form. I	II	Direction whence coming. I	II	Amount of Rain. 7 hours during day measured at 15h. 30m.	17 hours measured next morning at 8h. 30m.	Sunshine. Hours and tenths.	Visibility. I	II	State of Ground. I	II	Day.
(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	
Dir.	Fc.	Dir.	Fc.											in.	in.						
W.S.W.	1	S.S.E.	3	bv	bv	bv	bv,w	3	2	ci/fr-cu	ci/cu	w/s	w/s	..	..	11·7	M	M	1	0	1
E'ly	1	E.S.E.	3	bv	bv	bvy	bc	2	3	fr-cu	ci/ci-s/f-cu	E.	s/E	..	Trace	11·9	M	M	5	0	2
Calm	0	E.S.E.	3	bc	b	b	ct,or	6	3	ci/ci-st/cu	ci/a-cu	W/E	E.	..	0·26	8·9	L	L	0	0	3
W.XS.	2	S.S.E.	2/3	c	bc,c	c	c,ord,b	8	7	a-cu/s-cu/cu	a-cu/cu/cu-n	SW/SE	W/SE	Trace	0·65	7·4	L	K	1	0	4
Calm	0	E.S.E.	3	b	b,bc,c	cy	c,od,b	2	7	ci-st/cu	cu/nb	W/—	E.S.E.	..	0·10	9·1	L	L	1	0	5
Calm	0	E.N.E.	1	b	bc,oRqd	odq	odq	1	9	st-cu	nb/st	...	N.E.	0·64	0·25	7·6	L	K	1	1	6
N.N.E.	1	N.N.E.	1	o	od,v	ov	ov,dq	10	9	a-st	a-st	W.	N.W.	0·03	0·04	0·3	M	M	2	1	7
N.W.XN.	2	E.S.E.	3	od	od,c	cjr	oRTLq,cd	10	8	a-st/st	a-cu/cu-nb	...	N/WNW	Trace	1·07	2·0	L	J	1	1	8
Calm	0	W.XS.	3	od	odqr,v	ov	ord	10	5	nb/st	ci/cu/nb/st	N.N.W.	—/S.W.	0·19	0·33	2·1	L	M	2	2	9
Calm	0	S.	3	o	c,bc,o	o	orRR	9	9	cu-nb/nb	cu/nb	E.S.E.	S.	..	4·44	6·9	L	L	2	1	10
Calm	0	E.S.E.	2/3	o	c,or	o	odrRg	9	10	cu-nb/nb	cu-nb/nb	E.N.E.	E.	0·07	2·77	0·7	K	G	2	2	11
S.S.E.	3	S.	3	ogjr	og·l,c	ogjr	ogdrR,c	10	10	nb/st	nb/st	S.S.E.	S.	0·01	0·60	0·9	I	I	2	2	12
W.XS.	2	S.	3	c	c,bc	bc	bc,c,o,b	7	5	a-cu/cu/cu-n	cu/cu-nb	—/WSW	S.	..	Trace	9·2	K	L	2	1	13
W.S.W.	2	S.S.E.	4	b	b,bc	bc	bc,cl,oir	2	6	cu/cu-nb	cu-nb	S.E.	S.E.	..	0·30	10·4	L	L	1	1	14
S.	3	S.W.	4	oir	oir	oir	oirlltq,b	10	10	nb/st	nb/st	S.	S.S.E.	0·53	0·46	0·0	E.	H	2	2	15
N.E.	2	N.XE.	3	bc	bcv,c	cv	cv,oTLlR	5	7	ci/cu	ci/cu/nb	SW/NE	WSW/N	..	0·31	8·0	L	M	2	1	16
N.E'ly	2	N.XW.	2	c	bc,c,od	od	odtllR	7	10	ci/a-cu/cu-n	nb/st	S/N	N.	0·02	2·63	5·3	L	I	1	1	17
N.W.	2	E.N.E.	1	od	od,v	ov	ov,d,c	10	10	nb/st	nb/st	N.W.	N.W.	0·03	0·01	0·0	H	M	2	2	18
N.XE.	1	E'ly	3	ov	ov	ov	ov,rl,bc	9	9	ci/ci-st/cu	a-st/cu/nb	N/—	NW/ENE	..	0·03	6·7	M	M	2	1	19
N.	1	N.XW.	2	bc	bc,c,opdtl	odq	odq,r	4	9	ci/ci-st/cu	nb	N/NE	E.	0·07	0·18	3·3	L	K	1	1	20
N.	1	E.S.E.	3	od	od,bc,c	c	c,oqr,bc	9	7	cu-nb/nb	ci-cu/ci-st/n	E.	NW/SE	0·03	0·20	6·3	K	L	2	1	21
Calm	0	S.E.	3	c	bc,c	c	c,ord,bc	6	8	ci/ci-s/cu/n	ci/cu/nb	—/SE	W/ESE	..	0·50	6·5	L	M	2	1	22
N.E.	1	S.S.W.	4/5	bc	orRq	oq	oq,c,bc,o	6	10	ci-cu/s-cu/n	nb/st	SW/NE	S.	1·68	Trace	2·2	L	J	2	2	23
W.XN.	2	S.	4	o	o,bc,c	c	bc,w	9	7	a-st/cu	ci/cu/nb	N/W	N/S	..	Trace	7·3	M	L	2	1	24
Calm	0	S.S.E.	3	bc	bc,cp	c	cp,o	6	8	ci/cu	cu/cu-nb	W/E	S.E.	0·02	0·81	7·6	L	L	1	1	25
Calm	0	Calm	0	c	od,g	og	ogr,bc,tl,v	8	9	ci/ci-s/cu-n	nb/st	N/SE	N.	0·05	0·08	1·7	L	K	2	2	26
Calm	0	N.E.	4	bcv	bcv,b	by	b,c,od,bc	5	3	ci/ci-cu/cu	ci/ci-st/cu	NE/N	NW/NE	..	0·02	10·2	M	M	2	1	27
N.E'ly	3	N.E.	4/5	bc	bc	bc	bl,cpqtl,d	6	5	ci/cu/cu-nb	ci/fr-cu/cu	E.N.E.	[-/N.E.	..	0·54	10·6	L	M	1	0	28
...	..	...	..	...	...	...	...	189	205	...	...	...	...	3·37	16·58	164·8	..	..	..	..	Totals
...	..	...	..	...	...	...	...	6·8	7·3	...	...	...	...	..	..	5·9	..	..	..	..	Means

WIND SUMMARY.

	Force 8 or more.	4/7.	1/3.	Calms	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.
8.30 p.m.	0	0	18	10	3	1	4	0	1	0	0	1	1	0	0	2	3	0	2	0
3.30 p.m.	0	6	21	1	3	1	2	2	1	6	1	4	4	1	1	0	1	0	0	0
	0	6	39	11	6	2	6	2	2	6	1	5	5	1	1	2	4	0	2	0

Prevailing Direction, N.E.; 8.30 a.m., N.E.; 3.30 p.m., E.S.E.

KATA THERMOMETER OBSERVATIONS IN "SCREEN."

Time of Observation between 9h. and 9h. 30m. F. 464.

FEBRUARY, 1934.

Date.	Cooling Power. Dry Kata.	Wet Kata.	Date.	Cooling Power. Dry Kata.	Wet Kata.
1	5·4	13·5	15	7·1	16·6
2	3·9	12·9	16	2·9	11·0
3	4·3	14·3	17	2·7	10·8
4	..	..	18	..	..
5	3·7	11·6	19	3·0	11·5
6	3·6	11·2	20	4·0	13·2
7	3·9	12·2	21	5·0	11·6
8	4·7	13·3	22	4·7	12·5
9	4·1	13·0	23	3·7	11·3
10	4·0	11·9	24	3·5	10·4
11	..	..	25	..	..
12	5·0	14·5	26	3·7	13·3
13	5·1	11·6	27	4·8	12·5
14	3·7	10·8	28	4·8	14·5
Totals	..	..	..	101·3	300·0
Means	..	..	..	4·2	12·5

WEATHER DIARY—FEBRUARY, 1934.

Date.

1. Northerly airs to calm after 0010; fine clear sky and unusual visibility all day and night. W.S.W. airs 0838 gradually increasing backing S.S.E., falling off 1600. Calm 1900. Light N. by E. breeze 2025.
2. Northerly airs to calm in early morning, clear sky dew and unusual visibility. Variable Easterly airs 0825. Gentle E.S.E. breeze 1000 falling off 1800 backing N. Half cloudy night. Solar halo 1520 to 1600. Trace of rain at 2150 and Lunar bow.
3. Half cloudy and Northerly airs to calm in early morning. Gentle variable E.S.E. breeze 0950, falling off 1600, increasing force 3/4, 1942 rapidly backing N., veering S.W. 2300. Sky cleared 1615, covering later. Light rain 2125 to 2146 and 2248. Distant thunder to N. 1620 to 1700.
4. Light rain to 0108. Light Westerly breeze 0000 veering N.N.W., then backing S. then to N. and to Westerly 0810, backing S.W. 0920 gradually increasing force 3 backing S.S.E. and to E.S.E. 1552, increasing force 4 rapidly backing N. falling off. Half to three-quarter cloudy during morning and afternoon. Trace of rain at 1736. Rain and drizzle 1946 to 2325.
5. Northerly airs in early morning and clear sky. Calm 0725. S.S.W. airs 0942 increasing force 2/3 backing E.S.E. variable, backing N.N.E. 1550 increasing force 4 falling off 1840. Sky covered 1430. Occasional drizzle 1800 to 1910.
6. Northerly airs to calm in early morning and clear sky. Light S.S.W. breeze 0958 increasing force 3, gradually backing E.S.E. and sky covering. Sudden squall from N.W. force 4/5 1432 falling to force 3 1438, rapidly veering E. backing E.N.E. 1507 falling off. Heavy rain 1332 to 1354, then occasional drizzle to 2122. Gentle N.E. wind 1660, calm 1810, gentle S.W. breeze 1900 falling off 2000 veering N. Double rainbow to E. 1630.
7. Northerly airs to calm in early morning. Wind increased force 2/3 from N. Westerly falling off veering Northerly 1200. Cloudy to overcast all day. Drizzle 1120 to 1225. Unusual visibility during afternoon.
8. Light squalls from N. in early morning. Drizzle 0316 to 0330 and 0825 to 0832. Wind backed N. Westerly 0810 falling off. S.S.E. airs 1250 increasing force 3 backing E.S.E. veering S.S.E. 1550 rapidly veering N. and to E. in gentle squalls after 1622. Northerly airs after 1800. Heavy rain and severe thunderstorm 1600 to 1700, thunderbolt at 1634. Cloudy night.
9. Northerly airs to calm in early morning. Thin drizzle 0450 to 0500 and 0830 to 0920 then variable squally winds to calm. Squall from S.W. (33. m.p.h.) at 1340 falling off to force 3 backing Westerly 1440, and rain 1348 to 1425. Fresh S.W. breeze 1600 gradually falling off after 1900 backing Northerly 2100. Rain 2325. Unusual visibility when not raining.
10. Rain and drizzle to 0206. Northerly airs to calm in early morning and overcast, becoming half cloudy after 0930, covering again 1500. Light S.S.W. breeze gradually increasing force 3 backing S. and to S. Easterly after 1558 falling off 1740. Heavy rain to W. 1600. Rain 1650 increasing to heavy rain and squally variable winds force 1/4 from N. Westerly after 2000, thence from N. Easterly.
11. N.N.E. breeze force 2/3 from 0000 backing Westerly falling off. Heavy rain to 0210. Light to gentle E.S.E. breeze 1248, becoming variable to calm 1540. Rain 1120 to 1130. Drizzle 1540, moderate to heavy rain 1830 to 2300. Moderate S.E. breeze 2025 falling off 2340.
12. Early morning overcast, gloomy and variable airs to calm. Gentle Westerly breeze 0448 backing S.S.E. 0630, veering Southerly and to W.S.W. 1325, backing S. 1450. Wind veered W. and backed to S.S.E. between 1558 and 1613, falling off to light variable winds to calm 1735. Drizzle 1035 to 1040. Occasional rain and drizzle 1924.
13. Heavy rain 0028 to 0048 thence rain and drizzle to 0335, thence three-quarter cloudy. Northerly airs to calm in early morning. Light W. breeze 0825 backing Southerly and increasing force 3/4, backing S.S.E. 1842, falling off 2100. Half cloudy afternoon, overcast night. Trace of rain at 2010.
14. Early morning fine, clear sky and Northerly airs to calm. Light W.S.W. breeze 0826, gradually backing S.S.E. force 3/4. Zodiacal light 2000. Scud from S. during night, sky gradually covering. Lightning 2100 to 2300.
15. Intermittent rain all day from 0010. Gentle S.S.E. breeze in early morning, gradually veering S.W. after 0730, force 3/5 backing S. 1600 and to S.E. after 1800. Gusts force 4/6 2250 to 2322 then rapidly falling off backing N. Continuous lightning with occasional thunder from 1950.

Date.

16. Intermittent rain, thunder and lightning to 0248, then fine and clear. Light variable squalls after 0020, Northerly airs to calm 0300, light N.E. breeze 0800, backing 0900 to N.N.E. to N. increasing force 3/4, falling to force 3 1420 and sky gradually covering. Unusual visibility during the day. Severe thunderstorm with fork lightning 1720. Wind backed W. by S. 1646 increasing force 4/5 veering N. Easterly 1810, falling off 1815 to N.N.E. airs to calm. Heavy rain 1818 to 1833 and 2120 to 2125. Lightning continued throughout the night with distant occasional thunder.
17. Thunder and lightning to about 0430. Early morning fine, cloudy and N.N.E. airs to calm. Light variable N.E. breeze 0810, increasing force 2/3, veering E.S.E. 1148, becoming variable but mainly Northerly after 1310. Half cloudy morning. Sky covering 1200. Occasional drizzle from 1330. Thunderstorms to S.W. 1600, lightning continuing throughout the night. Gentle Westerly breeze 2000 backing E.S.E. force 3/5 gusty, falling off 2310. Heavy rain 2145 to 2310, thence occasional drizzle.
18. Lightning to about 0300 and occasional drizzle to 0910. Variable winds force 1/3, mainly N.W., in early morning. Light N. Easterly breeze 1210, E.N.E. to N.N.E. airs to calm after 1420. Overcast and dull all day, unusual visibility during afternoon, drizzle 1900 to 1915, cloudy night.
19. Northerly airs to calm in early morning and sky almost covered with ci/ci-st. Solar halo 0812 to 0915. Unusual visibility all day, overcast night, rain 1909 to 1914. Wind veered E.S.E. increasing force 3/4 0908 becoming variable 1050, but mainly E.N.E. falling off 1656. Lightning 2100 to 2230. Moderate N.N.E. breeze 2205 falling off 2250.
20. Early morning fine, half cloudy and Northerly airs to calm. Light variable N.E. breeze 0900, increasing force 3/4 veering E.S.E. and sky covering. Squally and variable winds after 1224 force 0/5. Passing showers 1325 to 1510 thence occasional drizzle to 1900, thence Northerly airs to calm. Thunderstorm 1438 to 1500.
21. Early morning overcast and Northerly airs to calm. Rain 0708 to 0715, drizzle 0828 to 0906 thence half to three-quarter cloudy. Wind gradually increased force 3 veering E.S.E. falling off 1600 backing E.N.E. Squall from N.E. force 4 at 1924 for 3 minutes and rain to 1948, thence half cloudy and Northerly airs.
22. Northerly airs to calm in early morning and cloudy. Light S.S.W. breeze 0900, increasing force 3 backing S.E. Solar halo 0835 to 0850. Half cloudy during the day, overcast night. Wind backed N.N.E. force 4 1656 backing N.N.W. falling off 1810 to Northerly airs to calm. Rain and drizzle 1713 to 1845.
23. Early morning fine, half cloudy and Northerly airs to calm, gradually veering S.S.W., backing E. 0950, then veering N. Westerly, squally, force 1/3 and sky covering, backing S. Westerly 1205. Moderate to heavy rain 1050 to 1525. Sudden squall from W.S.W. at 1504 (28 m.p.h.) then moderate to fresh S.S.W. breeze backing S.S.E. 1540 falling off to Northerly airs to calm.Half to 3/4 cloudy night. Lunar corona 2010.
24. Early morning fine, overcast and Northerly airs, backing Westerly force 1/3, very gradually backing S.E. after 1000 force 4, falling off 1700 gradually backing N.N.E. Half to three-quarter cloudy all day. Solar halo 1100 to 1150. Half cloudy night.
25. Early morning fine, half cloudy and light N.N.E. breeze to calm, dew on grass. S.W. airs 0950, gradually backing S.E. variable force 3, and sky covering. Wind backed E. by N. 1748, then gradually backing N.N.E. force 2/3. Passing showers 1515. Overcast night, brownish tinge in sky at sunset.
26. Passing showers to 0220. Early morning cloudy to overcast and N.N.E. airs. Calm 0603. Light N.E. breeze 0910 veering S.E. 1100, backing N. Easterly 1325, falling off 1430. Light E. breeze 1600, gradually backing N.E. Drizzle 1240 to 1340, rain 1657 to 1700. Sky cleared 2100.
27. Thunderstorm and light rain 0235 to 0310 and light to gentle N. Easterly breeze. Calm 0705, half cloudy and unusual visibility. N.E. airs 0930 increasing force 4/5 gradually falling off after 1600. Clear afternoon and night. Lunar halo 1910 to 2230.
28. Gentle N. E. winds to calm in early morning. Overcast, thin drizzle 0135 to 0155, then half cloudy. Wind increased force 4/5 after 1000 falling off to force 2 1600. Clear night, lightning to W. 1920 to 2200.

ADDITIONAL NOTES.

A wet month, rainfall being 8·39″ in excess of normal.

METEOROLOGICAL OBSERVATIONS TAKEN AT SUVA, FIJI

DURING

MARCH, 1934.

MARCH.

Day.	Air Pressure at Mean Sea Level in the Units of Measurement.		Temperature (degrees F).										Humidity.					
			In Screen.				Max.	Min.	In Open.		In Ground.		Dew Point.		Vapour Pressure.		Percentage.	
			Dry.	Wet.	Dry.	Wet.			Grass Min. Eve. to Morn.	Max. in Sun Black Bulb in vacuo.	I							
	I	II	I		II						1 foot.	4 feet.	I	II	I	II	I	II
			Tenths.				Whole Degrees.				Tenths.							
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
	in.	in.	°	°	°	°	°	°	°	°	°	°	°	°	mb.	mb.		
1	29·917	29·870	82·0	78·2	88·0	80·0	90	76	74	150	82·8	83·4	76	77	31·0	31·4	84	69
2	29·875	29·785	84·8	79·2	89·2	80·4	91	77	75	153	83·4	83·5	77	76	32·0	31·0	77	67
3	29·818	29·761	83·4	77·4	83·0	77·0	87	76	73	147	83·9	83·8	74	74	29·0	29·0	76	75
4	29·769	29·751	80·0	77·0	88·0	78·8	89	74	71	148	83·3	84·0	76	75	30·3	29·9	87	65
5	29·807	29·733	81·7	75·9	87·2	78·2	89	73	70	152	83·4	84·0	73	74	28·0	28·8	76	66
6	29·803	29·740	84·8	77·2	85·0	78·2	88	76	74	149	84·0	83·8	74	75	28·9	29·6	70	73
7	29·831	29·753	80·0	78·0	84·0	79·2	88	76	73	156	83·7	83·9	77	77	31·9	31·6	91	80
8	29·806	29·712	82·6	77·2	87·0	78·2	91	75	72	155	83.0	83·8	75	74	29·8	28·8	77	66
9	29·817	29·746	78·2	75·6	82·8	77·0	83	75	72	113	83·4	83·8	74	74	29·0	29·0	88	76
10	29·831	29·720	77·4	75·0	85·0	78·0	87	76	74	129	83·2	83·7	73	75	28·0	29·6	89	72
11	29·761	29·713	81·6	76·6	80·6	78·8	88	75	73	157	82·8	83·4	75	78	29·5	33·0	79	92
12	29·787	29·745	84·0	77·8	80·1	77·3	91	74	71	159	82·4	83·3	75	76	30·1	30·3	75	88
13	29·811	29·740	78·8	77·4	83·4	78·6	86	76	74	160	81·9	83·0	77	76	31·6	30·5	94	80
14	29·809	29·692	78·8	76·0	78·5	76·3	81	75	73	138	82·1	83·0	75	76	29·3	30·8	87	90
15	29·746	29·666	80·0	76·0	79·8	78·0	89	73	71	161	79·5	82·3	74	77	28·9	31·9	83	92
16	29·704	29·637	79·0	76·0	84·4	78·6	86	76	73	133	81·0	82·0	75	75	29·3	30·1	86	76
17	29·727	29·676	80·0	77·0	79·8	77·8	88	76	73	154	81·7	82·1	76	77	30·3	31·9	87	91
18	29·721	29·629	79·8	77·8	83·2	79·6	86	75	74	151	80·5	81·0	77	78	31·9	32·9	91	85
19	29·713	29·669	80·8	79·0	77·1	76·5	86	77	75	135	82·0	81·8	78	76	33·0	30·9	92	97
20	29·721	29·671	79·4	77·6	83·2	79·4	86	75	74	152	79·6	81·6	76	77	30·8	32·1	92	84
21	29·750	29·679	79·6	77·8	81·8	77·4	85	77	75	153	81·0	82·2	77	76	31·9	30·2	92	82
22	29·753	29·700	79·2	75·4	80·2	75·8	86	76	73	149	81·0	82·0	73	74	27·9	28·2	83	81
23	29·786	29·720	82·2	77·2	83·6	77·6	87	77	73	154	81·0	82·1	75	75	29·5	30·1	79	76
24	29·801	29·717	73·8	73·0	76·3	75·2	82	72	72	128	80·8	79·0	72	75	27·3	29·2	96	94
25	29·792	29·733	74·0	72·0	78·0	73·0	79	70	69	125	79·4	81·7	71	71	25·9	25·5	90	78
26	29·826	29·765	76·6	75·0	81·0	77·0	83	71	69	147	79·6	81·3	75	75	29·5	29·9	93	83
27	29·847	29·786	80·6	75·0	84·2	76·2	86	75	73	152	80·9	81·1	73	72	27·7	27·1	76	68
28	29·895	29·818	82·0	75·0	83·0	74·6	86	74	72	144	81·6	80·1	72	70	26·5	25·4	71	66
29	29·891	29·818	80·4	73·4	85·2	75·8	87	73	70	143	82·0	81·2	69	71	24·6	25·9	70	64
30	29·890	29·821	82·0	74·0	84·0	75·6	86	71	68	144	82·0	81·3	70	72	25·1	26·4	67	67
31	29·847	29·778	79·2	76·0	82·0	76·2	84	74	72	149	82·3	82·0	75	73	29·3	28·0	86	76
Totals	923·852	921,744	2486·7	2365·7	2568·6	2400·3	2681	2316	2245	4540	2539·2	2555·2	2309	2321	907·8	919·0	2584	2419
Means	29·802	29·734	80·2	76·3	82·9	77·4	86·5	74·7	72·4	146·5	81·9	82·4	74·5	74·9	29·3	29·6	83·4	78·0

METEOROLOGICAL SUMMARY FOR MONTH OF MARCH, 1934.

Highest Pressure—29·917″ at 8.30 a.m. on 1st.
Lowest Pressure—29·629″ at 3.30 p.m. on 18th.
Highest Temperature in Shade—91° on 2nd, 8th and 12th.
Lowest Temperature in Shade—70° on 25th.
Mean Daily Range—11·8°
Greatest Range—17° on 12th.
Least Range—6° on 14th.
Mean Temperature for Month—80·6°
Greatest Humidity—97 per cent. at 3.30 p.m. on 19th.
Least Humidity—64 per cent. at 3.30 p.m. on 29th.
No. of Days of—Rain, 26; Hail, 0; Thunderstorms, 5; Fog, 0; Gales (force of 8 or more), 0.

RAINFALL:—Total, 22·65″; average, 14·90″ for 50 years; difference from normal, +7·75″; greatest fall in 24 hours, 6·16″ on 19th.

VISIBILITY SUMMARY—No. OF CASES OF.

Hour.	X	A	B	C	D	E	F	G	H	I	J	K	L	M
8.30 a.m.	0	0	0	0	0	0	1	0	2	2	2	9	7	8
3.30 p.m.	0	0	0	0	0	0	1	0	5	4	2	3	11	5

Standard Distance of Objects used for Estimate of Visibility:—X—Nil, A—27 yards, B—55 yards, C—110 yards, D—220 yards, E—550 yards, F—1,110 yards, G—1¼ mile, H—2½ miles, I—4⅓ miles, J—6¼ miles, K—12½ miles, L—18⅔ miles, M—31 miles.

AMOUNT OF CLOUD.

	Number of cases of total cloud amount of.				
Hour.	0	1/3	4/6	7/9	10
8.30 a.m.	0	3	7	17	4
3.30 p.m.	0	2	7	12	10

MARCH.

Wind Direction and Force (Beaufort Scale). I		Wind Direction and Force (Beaufort Scale). II		Weather (Beaufort Letters). At time of Observation I.	Weather (Beaufort Letters). During day I to II.	Weather (Beaufort Letters). At time of Observation II.	Weather (Beaufort Letters). During night II to I.	Cloud. Amount (0–10) I	Amount (0–10) II	Cloud. Form. I	Form. II	Direction whence coming. II	Direction whence coming. I	Amount of Rain. 7 hours during day measured at 15h. 30m.	Amount of Rain. 17 hours measured next morning at 18h. 30m.	Sunshine. Hours and tenths.	Visibility. I	Visibility. II	State of Ground. I	State of Ground. II	Day.
(19)	(20)	(21)	(22)	23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	
Dir.	Fc.	Dir.	Fc.											in.	in.						
N.E.	3	E.S.E.	4	c	c,bc	bc	b,cP,bc	7	5	ci/cu-nb	ci/ci-s/cu	N.E.	-/N.E.	..	0·20	10·7	K	K	2	1	1
N.E.	3	E.S.E.	4	bc	bc,b	b	b,bc	5	3	ci/cu/cu-nb	ci-st/fr-cu	-/N.E.	-/N.E.	..	....	10·3	K	L	1	0	2
Calm	0	S.E.	2	bc	c,oqRr,d	c	c	6	8	cu/cu-nb	ci-cu/cu/cu-n	N.E.	-/E.	0·50	0·01	3·2	K	L	0	2	3
Calm	0	E.S.E.	3	c	c,bc	bc	bc,bw,v	8	5	ci-st/cu	ci-cu/cu	S./N.E.	-/N.E.	..	Trace	10·2	K	L.	1	1	4
E'ly.	2	E.S.E.	4/5	bcv	bcv	bcv	bc,cl	6	4	ci/cu/cu-nb	ci/cu	W./N.E.	W./E.	.	Trace	10·2	M	M	5	0	5
E.N.E.	4	N.E.	4	bc	bc,cp	bc	bc,b,cpq	5	5	ci/cu/cu-nb	ci/cu/cu-nb	W./N.E.	-/N.E.	0·21	0·34	8·5	L	L	0	1	6
N.	2	N.N.E.	3	cjp	cp,bc	cjp	bc,cPq,v	7	8	ci/ci-ci/cu-n	ci/cu-nb/nb	-/N.E.	-/N.E.	0·08	0·51	5·1	K	K	1	1	7
N.N.E.	2	N.E.XE.	4	cv	cv,bc	bc	c,od	8	6	ci/ci-st/cu	ci/ci-s/cu-n	S.W./NE	N/N.E..	Trace	0·08	8·4	M	M	2	1	8
Calm	0	N.N.E.	2	od	od	o	odo	9	10	nb	a-st	W.N.W	N.W.	Trace	0·01	0·0	L	M	1	1	9
N.W.	1	N.	2	o	o	o	opQK	10	9	a-st	a-st/nb	N.W.	W.	Trace	0·27	0·0	K	L	1	1	10
N.N.W.	3	S.W.	3	o	c, bc,qoRr	oR	oRr,c,b,bc	9	10	a-st	st/nb	N.W.	S.W.	0·30	0·57	3·3	M	H	2	2	11
N.	3	W.N.W.	3	bcv	bcv,cq,ot	o	odtl,bc,R	6	9	ci/ci-cu/s-cu	ci/cu/nb	N.W./N.	-/N.W.	Trace	0·93	4·2	M	J	2	1	12
Calm	0	E.S.E.	3	o	o	c,o	oir,g	9	9	cu-nb/nb	ci-st/cu-nb	S.	-/E.S.E.	..	0·97	2·3	K	L	2	1	13
E.	4	E.S.E.	5/6	oq	oirq	oirq	oir,Rrc	10	10	nb/st	nb/st	E.	E.	0·71	4·23	0·1	I	H	2	2	14
E.NN.	2	E.S.E.	1	c	c,op	op	op,c	8	10	ci-st/a-cu/cu	nb/st	N./N.E.	N.	0·15	0·02	4·6	K	I	2	2	15
N.	3	N.XW.	3	o	ov	ov	ov	9	10	a-st/st/nb	a-st	-/W.	N.W.	..	0·01	0·3	M	M	2	2	16
Calm	0	N'ly.	1	o	c,oq,r	or	orq,R,rc	9	10	a-st	nb	...	N	0·05	2·79	3·4	L	I	1	1	17
W.S.W.	3	S.W.	4	c	bc,c	c	c,ort	8	8	ci/a-cu/cu	cu-nb/nb	SW/SW	W.S.W.	..	0·02	5·8	M	K	2	2	18
Calm	0	N.E.	2/3	c	c,orrqg	oRrqg	oRgqTL	8	10	cu-nb/nb	nb/st	N.E.	E.N.E.	1·11	5·05	1·5	J	H	2	2	19
E.	4	E.S.E.	4/5	ojp	c,op	ojp	c,opq	9	9	nb/st	cu/nb st	E.	E.	0·07	0·36	2·7	I	H	2	2	20
N.E.	3	E.XS.	5/6	cpq	c,opq	cjpg	c,opq	8	8	ci/cu-nb/nb	cu-nb/nb	W./ENE	E.	0·08	0·31	5·3	J	I	2	2	21
E.	4/5	E.S.E.	4	ojpq	c,opq	ojpq	opq,c,bc	9	10	nb/st	nb/st	E.	E.S.E.	0·11	0·03	2·6	H	H	2	2	22
E.XS.	3	E.S.E.	4/5	bcjp	bcjp,c	c	c,oirq	6	7	cu/cu-nb	ci/ci-st/cu	E.	NW/SE	.	1·33	7·2	H	I	2	2	23
S.E.	2	E.XN.	3	oir	oirq	oirq	oirqg	10	10	nb st	nb/st	E.S.E.	F.N.E.	0·12	0·67	0·1	F	F	2	2	24
N.W.	1	W.S.W.	3	og	oidg	og	oidg,p	10	10	nb/st	nb/st	N.W.	W.S.W.	0·01	0·16	0·0	L	L	2	2	25
Calm	0	S.S.W.	2	o	o,c	c	c,op	9	8	a-st	a-cu/a-st/cu	...	W./E.	.	0·03	5·1	K	J	2	2	26
E.	2	E.S.E.	3	c	bc,c	c	c,bcw	8	8	a-cu/cu/cu-n	ci-s/f-cu/nb	SW/NE	W./E.	..	Trace	7·0	L	L	2	1	27
E'ly.	1	E.S.E.	3	bc	bc	bc	bc,c,bw	4	5	ci/a-cu/cu	st-cu	-/E.	...	..	Trace	7·9	L	L	5	1	28
Calm	0	E.S.E.	3	b	b	b	b,w	1	1	fr-cu	cu	E.	E.S.E.	..	0·01	10·3	M	L	5	0	29
Calm	0	S.S.W.	3	b	b,bc	bc	c,oqr,b	1	6	ci	ci/st-cu	E.	W.	..	0·12	8·3	M	L	5	0	30
Calm	0	S.S.E.	2	b	bc,c,o	o	od,bc,b	1	9	cu	nb	N.W.	S.S.E.	..	0·12	6·7	L	M	5	0	31
...	..	...	..	...	...	...	...	223	240	...	...	...	...	3·50	19·15	155·3	..	..	..	..	Totals
...	..	...	..	..	...	...	...	7·2	7·7	...	...	...	.....	..	..	5·0	..	..	..	..	Means

WIND SUMMARY.

	Force 8 or more.	4/7	1/3	Calms.	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.S.W.
8.30 a.m.	0	4	17	10	3	1	3	1	8	0	1	0	0	0	0	1	0	0	2	1
3.30 p.m.	0	11	20	0	3	2	3	0	2	13	1	1	0	2	2	1	0	1	0	0
	0	15	37	10	6	3	6	1	10	13	2	1	0	2	2	2	0	1	2	1

Prevailing Direction, E.S.E.; 8.30 a.m., E.; 3.30 p.m., E.S.E.

KATA THERMOMETER OBSERVATIONS IN "SCREEN."

Time of Observation between 9h. and 9h. 30m. F.464.

MARCH, 1934.

Date.	Cooling Power. Dry Kata.	Cooling Power. Wet Kata.	Date.	Cooling Power. Dry Kata.	Cooling Power. Wet Kata.
1	3·7	12·2	17	2·8	8·3
2	4·0	13·3	18	...	...
3	2·9	10·5	19	2·9	7·7
4	..	...	20	4·1	13·9
5	3·8	9·7	21	4·3	15·5
6	4·0	16·9	22	8·3	16·6
7	6·0	16·6	23	3·9	13·7
8	3·9	13·6	24	5·3	11·3
9	4·3	12·7	25	...	...
10	4·1	11·6	26	4·2	11·3
11	...	...	27	4·5	13·7
12	3·4	11·0	28	3·7	12·7
13	4·5	12·7	29	...	...
14	4·0	10·7	30	...	...
15	4·3	11·0	31	...	...
16	4·5	12·2			
Totals	...	...	..	101·4	299·4
Means	...	...	..	4·2	12·5

WEATHER DIARY—MARCH, 1934.

Date.

1. Heavy passing showers and squalls 0015 to 0056 and 0225 to 0235. Drizzle 0620 to 0640. Distant thunderstorm 0045 to 0235. Five distinct squalls in morning maxim as follows:—From N.N.E. 18 m.p.h. at 0002; from N.E. at 0030 26 m.p.h.; from E.N.E. 16 m.p.h. at 0222; from E.N.E. 15 m.p.h. at 0422; and from N.E. x E. 14 m.p.h. at 0615. N.E. airs to calm between squalls, increasing to force 3 0815 and to force 4 0900, gradually veering E.S.E., falling off 1710 backing N.E. Clear night.
2. Squall from N.N.E. force 3 0100 rapidly veering E. falling off 0146 and heavy passing showers 0125 to 0140. Light to gentle N.E. breeze 0755 increasing force 4 veering E.S.E. 1200 falling off 1800 backing N.E. Clear afternoon and night.
3. N'ly airs to calm in early morning and half cloudy. Light variable N.E. breeze 0835 veering E., rapidly backing N. 1000 then to S.E. force 4/5 1022 falling off 1120. backing N. then W. then to S.E. force 2/3 1500 falling off 1540 backing N.E.'ly. Heavy rain 1045 to 1125 thence light rain to 1200. Drizzle 1300 to 1310 and 1630 to 1635. Cloudy afternoon and night.
4. Early morning fine, cloudy and N'ly airs to calm. Light variable E.N.E. breeze 0904 increasing force 3, veering E.S.E. falling off 1600 backing N. Half cloudy night.
5. Early morning fine, clear sky, dew on grass, unusual visibility and N'ly airs, gradually veering E. variable 0710, increasing force 4, gradually falling off 1600, backing E.N.E. increasing again 2120. Half cloudy all day, trace of rain 2300. Lightning 1930 to 2100.
6. E.N.E. airs to calm after 0140 increasing force 4/5 after 0800, occasional gusts force 6, backing and veering between 1130 and 1400, gradually falling off after 1500. Passing showers 1304 to 1340. Half to three-quarter cloudy during the day, clear sky during evening, covering 2200.
7. Squally winds from N. to N.N.E. in early morning. Passing showers 0000 to 0130, 0800 to 0825, and 0950 to 1030, thence moderate N.E. breeze backing N.N.E. force 3 1454, thence gradually veering E.N.E. falling off to variable N.E. 1810. Squall from N.N.E. force 5 2135 and heavy passing showers to 2215.
8. Light N.E. winds in early morning. Calm 0500. Light N.N.E. breeze 0810 gradually increasing force 4 veering E.N.E. Cloudy and unusual visibility. Solar halo 0840 to 0925. Gentle breeze after 1620 varying between E.N.E. and N.N.E. Occasional thin drizzle from 1848.
9. N'ly airs to calm after 0204, occasional thin drizzle to 0840. Overcast all day and night. Gentle N. breeze 1220 falling off 1240 gradually backing N.N.E.
10. Early morning overcast and N'ly airs backing N.W. 0800. Thin drizzle 0730 to 0820. Wind veered N.E. 1005 force 2/3 backing N. falling off 1430, increasing from N.N.E. 1612 and passing showers to 1735. Line squall from S.W.'ly 1648 reaching 33 m.p.h. at 1700, then rapidly falling off veering N.N.E. force 0/2. Overcast night.
11. Early morning overcast, wind varying between N.N.E. and N.N.W., force 0/3. Variable winds after 1050, mainly S'ly force 0/3 and occasional squalls, maximum at 1630 (21 m.p.h.) then N'ly airs to calm. Half cloudy after 1100, covering 1430. Moderate to heavy, rain 1520 to 1648. Sky cleared 2100.
12. N'ly airs in early morning gradually increasing force 4, half cloudy and unusual visibility. Squall 1148 26 m.p.h. (force 6) veering N.E. 1159, rapidly falling off force 2 1204 and sky covering. Wind veered S.S.W. 1343 and densely overcast. Line squall from W.S.W. 1350 reaching 29 m.p.h. force 6 at 1401, rapidly backing S.S.W. falling off, veering N.W. force 2/3 1645. Trace of rain during squall and occasional distant thunder. Drizzle 1645 to 1700. Distant thunderstorm 1800 to 2110, then half cloudy.
13. Gentle S'ly breeze 0155 veering S.W. falling off 0300 to variable airs to calm. Drizzle 0240 to 0250, heavy rain 0430 to 0530. S'ly airs 0842. Solar halo 0910 to 0930. Wind backed S.E. very gradually increasing, reaching force 5 at 2200, then rapidly falling off backing E'ly. Heavy rain 1628 to 1648, intermittent rain 2230.
14. Gentle to moderate variable breeze 0240, mainly E'ly, falling off 0500. Moderate to fresh E. to E.S.E. breeze 0816 increasing force 5/6 1450, occasional gusts force 7, moderating 1830 backing N'ly. Calm 2225. Intermittent rain all day. Heavy rain 1830 to 2100 thence moderate to light rain to 2400. Maximum wind velocity 38 m.p.h. from E. x S. at 1546.
15. N.E. airs to calm in early morning and cloudy, increasing force 2/3 0810, backing N.W. 1435, then veering E.S.E. falling off. Calm 1605. Light N.E. breeze 1800, gradually increasing force 3. Passing showers 1320 to 1550.

Date.

16. N.N.E. airs force 1/3 in early morning backing N'ly 0805, increasing from N.N.W. force 4, 1002 falling off 1100, increasing from N'ly force 2/3 1200, gradually falling off after 1545. Unusual visibility during the day. Overcast all day and night; thin drizzle 1925 to 1940.
17. Early morning overcast and N'ly airs to calm. S.S.W. airs 1035 backing S.E. force 2/3 1120, falling off veering N. 1410, then rapidly backing N. by 1525 (squall from W. force 4 at 1458) and from N.W. force 5 at 1540 falling off 1600 veering N.N.E. Light rain 1430. Torrential downpour 1550 to 1700, thence occasional light rain to 1920. Gentle S.W. breeze 1856 gradually falling off veering N.W.
18. Gentle W.S.W. breeze 0100 falling off 0340, increasing 0615, backing S.W. 0842, increasing force 4/5 1200, falling off 1614, veering N.N.E. 1748 calm 2030. Early morning cloudy, half cloudy during the day, cloudy to overcast night. Trace of rain at 1610 . Distant thunder at 1712.
19. Early morning calm and cloudy. Rain 0745 to 0750. Variable N.E. airs 0918. Light to fresh squally variable winds mainly E'ly, backing N.E.'ly 1455 falling off. Light to heavy rain all day and night from 0955. Gentle to strong squally winds 1750 falling off 2330. Distant thunderstorm 1730 becoming severe about 1930 and continuing throughout the night. Maximum wind velocity 32 m.p.h., force 7, from E.S.E. at 2118.
20. Very severe thunderstorm continued to about 0330. Sudden squall from E.S.E. (38 m.p.h., force 7) at 0010 for three minutes, then falling off backing N.E. Squall force 7 (34 m.p.h.) from E.S.E. at 0048 falling off 1000, increasing force 3/4, gusty from E. at 0320, backing N.E. 0600, veering E. 0650. Light to heavy rain to 0822, then cloudy to overcast and passing showers from 0910. Wind gradually veered E.S.E. force 4/6, occasional gusts force 7, backing E.N.E. after 1800, moderating 1930. Maximum velocity 38 m.p.h. from E.S.E. at 0010. Gust at 1919 from E. reached 37 m.p.h.
21. Cloudy to overcast all day and passing showers. Squall from E.S.E. at 0114 falling off 0200 backing N.E., veering E. 0840, then squally E. to E.S.E. winds force 4/6, occasional gusts force 7. Maximum velocity 35 m.p.h. from E.S.E. at 1820. Rainbow to W. 0830.
22. Gentle to fresh squally E.S.E. to E. winds in early morning, backing N.E. in squall 0500, veering E. to E.S.E. 0535. Passing showers to 1550. Wind gradually fell after 1710 to force 2/3. Half cloudy after 2000. Maximum wind velocity 36 m.p.h. from E.S.E. at 1158.
23. Shower at 0042, light to gentle E.S.E. breeze increasing force 4/5 backing E. 2218. Half to three-quarters cloudy during the day.Maximum wind velocity 27 m.p.h. from E.S.E. at 1617. Rainbow to W. 0840.
24. Wind fell 0030. Variable squally winds up to force 5 0410 and intermittent rain all day, winds mainly E'ly, N'ly after 2100. Maximum wind velocity 23 m.p.h. from E. at 0729.
25. Squall from S. by E. at 0255 falling off to N.W. airs. Intermittent rain to 0400. Variable S.W. wind after 0845 force 0/3. Overcast and gloomy all day, and thin intermittent drizzle. Light W.S.W. breeze 1330 increasing force 3 veering N'ly 1810 falling off.
26. N'ly airs to calm in early morning. Passing showers 0510 to 0600. S.W. airs 1045 increasing force 2 backing S.S.W. and to S.E. after 1620 falling off to N'ly airs 2100. Cloudy to overcast all day and night. Lunar corona 2230.
27. N'ly airs to calm in early morning. Shower 0347 to 0352. Light E. breeze 0625 increasing force 3 from E.S.E., gradually falling off after 1700. N'ly airs 2015. Half to three-quarters cloudy all day. Lunar corona observed occasionally during the night.
28. N'ly airs to calm in early morning, half cloudy and dew on grass. E'ly airs 0825 increasing from E.S.E. variable gradually falling off after 1620 backing N'ly 2200. Cloudy night.
29. N'ly airs to calm in early morning, clear sky and heavy dew. Variable E. airs 0835, increasing from E.S.E. force 3, falling off 1700. Light N'ly breeze 1945. Clear cloudless night.
30. Light N'ly breeze in early morning,clear sky and heavy dew. Calm 0500 S.S.W. airs 1125 increasing force 2/3. Sky began to cover 1600. Squall force 5 from W. at 1650, rapidly falling off 1700 and occasional rain 1735 to 1830, then N'ly winds force 1/2.
31. N'ly airs to calm in early morning and clear sky. S.W. airs 0925 increasing force 3, gradually backing S.S.E. falling off 1500, backing N.E. 1645. Calm 1748, N'ly winds force 1/2 1910. Sky covered about 1400, thin drizzle 1645 to 1950.

ADDITIONAL NOTES.

A very wet and humid month.

METEOROLOGICAL OBSERVATIONS TAKEN AT SUVA, FIJI,

DURING

APRIL, 1934.

APRIL.

Day.	Air Pressure at Mean Sea Level in the Units of measurement.		Temperature (degrees F.)										Humidity.					
			In Screen				Max.	Min.	In Open		In Ground.		Dew Point.		Vapour Pressure.		Percentage.	
			Dry.	Wet.	Dry.	Wet.			Grass Min. Eve. to Morn.	Max. in Sun. Black Bulb in Vacuo.	I							
	I	II	I		II						1 foot.	4 feet.	I	II	I	II	I	II
			Tenths.				Whole Degrees.				Tenths.							
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
	in.	in.	°	°	°	°	°	°	°	°	°	°	°	°	mb.	mb.		
1	29·825	29·767	81·2	76·0	80·8	76·2	85	73	70	149	82·2	82·2	74	75	28·4	29·2	78	80
2	29·854	29·811	81·2	76·0	86·4	79·0	89	74	72	149	82·0	82·2	74	75	28·4	30·0	78	71
3	29·971	29·900	82·2	76·0	85·2	77·4	87	72	68	149	82·2	82·3	73	73	28·0	28·1	74	70
4	29·988	29·895	81·2	75·4	85·0	76·2	87	76	72	146	82·2	82·1	72	72	27·0	26·7	76	66
5	29·884	29·805	82·4	76·4	84·0	76·8	87	75	71	150	82·3	82·1	73	74	28·0	28·6	75	71
6	29·835	29·759	83·2	76·4	85·6	78·0	87	75	72	153	82·2	82·2	73	75	27·5	30·0	73	70
7	29·845	29·777	79·2	75·6	78·0	75·0	84	74	72	151	82·3	82·0	74	74	28·6	28·3	84	86
8	29·829	29·753	81·0	73·0	81·0	71·0	84	74	71	156	81·2	82·0	69	66	24·2	21·5	67	59
9	29·789	29·709	80·2	71·2	82·0	72·6	85	73	68	145	81·0	81·9	66	67	21·9	23·0	63	62
10	29·828	29·769	77·0	75·6	77·2	76·0	81	72	69	133	81·0	81·6	75	76	29·5	30·2	94	94
11	29·872	29·831	79·0	75·9	80·4	77·0	83	74	72	144	80·7	81·3	75	75	29·3	29·6	86	85
12	29·901	29·817	80·0	77·2	83·2	78·2	86	74	71	145	80·9	81·2	76	76	30·3	30·5	88	79
13	29·928	29·878	82·4	77·2	82·4	77·2	87	74	72	145	81·6	81·3	75	75	29·5	29·5	78	78
14	30·002	29·955	78·6	77·0	77·0	76·5	84	74	72	132	81·5	81·3	77	76	31·6	30·9	93	97
15	30·031	29·955	81·2	78·8	77·0	76·0	86	74	73	150	81·4	81·2	77	76	32·2	30·2	90	95
16	29·979	29·893	78·4	75·2	79·7	74·5	83	75	74	150	81·2	81·0	74	73	28·3	27·3	86	78
17	29·939	29·855	79·0	71·6	80·6	73·0	82	75	71	140	80·8	81·0	68	70	23·0	24·9	69	68
18	29·952	28·876	78·0	73·0	81·2	72·8	84	74	71	150	80·0	80·7	71	68	25·5	23·5	78	66
19	29·975	29·919	81·8	74·6	80·8	74·8	85	73	69	152	80·1	80·3	72	72	26·5	27·0	70	74
20	30·023	29·953	79·6	73·6	83·0	74·0	85	71	69	144	80·0	80·2	71	70	26·0	24·7	74	64
21	30·008	29·943	81·0	72·0	82·0	73·0	86	74	71	151	80·0	80·0	67	68	22·8	23·7	63	64
22	29·997	29·908	79·4	71·0	82·6	72·8	85	75	72	147	79·5	80·0	66	68	21·7	23·3	65	61
23	29·967	29·880	79·8	73·0	81·4	73·4	85	72	69	148	79·3	80·0	69	69	24·6	24·2	71	67
24	29·948	29·877	77·4	74·8	75·0	73·8	80	75	72	115	79·5	79·7	73	74	28·0	28·2	88	94
25	29·952	29·859	79·2	75·0	80·0	73·8	82	73	72	130	79·3	79·5	73	71	27·9	26·0	82	74
26	29·923	29·816	80·6	75·2	81·3	77·0	84	74	72	153	79·4	79·6	73	75	27·7	29·2	77	82
27	29·848	29·789	78·4	75·0	75·3	75·1	83	73	69	146	79·8	79·4	73	75	27·6	29·7	85	99
28	29·906	29·850	78·2	75·8	78·0	76·8	82	74	72	132	79·0	79·5	74	77	29·0	31·2	89	94
29	29·934	29·863	80·6	77·0	79·2	77·8	82	75	72	150	79·8	79·7	76	77	30·7	31·6	84	94
30	29·931	29·850	77·6	75·2	79·0	76·2	85	73	71	150	79·8	79·8	74	75	29·0	29·3	89	87
Totals	897·664	895·512	2399·0	2249·7	2424·3	2261·9	2535	2214	2131	4355	2422·2	2427·3	2177	2187	822·7	830·1	2367	2329
Means	29·922	29·850	80·0	75·0	80·8	75·4	84·5	73·8	71·0	145·2	80·7	80·9	72·6	72·9	27·4	27·7	78·9	78·0

METEOROLOGICAL SUMMARY FOR MONTH OF APRIL, 1934.

Highest Pressure—30·031″ at 8.30 a.m. on 15th.
Lowest Pressure—29·709″ at 3.30 p.m. on 9th.
Highest Temperature in Shade—89° on 2nd.
Lowest Temperature in Shade—71° on 20th.
Mean Daily Range—10·7°.
Greatest Range—15° on 2nd and 3rd.
Least Range—5° on 24th.
Mean Temperature for Month—79·2°.
Greatest Humidity—99 per cent. at 3.30 p.m. on 27th.
Least Humidity—59 per cent. at 3.30 p.m. on 8th .
Number of Days of—Rain, 23; Hail, 0; Thunderstorms, 2; Fog, 0; Gales (force 8 or more), 1.

RAINFALL:—Total, 10·77″; Average, 12·41″ for 50 years; difference from normal, −1·64″; greatest fall in 24 hours, 2·77″ on 27th.

VISIBILITY SUMMARY—NO. OF CASES OF.

Hour.	X	A	B	C	D	E	F	G	H	I	J	K	L	M
8.30 a.m.	0	0	0	0	0	0	0	0	1	0	1	11	14	3
3.30 p.m.	0	0	0	0	0	0	2	0	0	1	5	7	13	2

Standard Distance of Objects used for Estimate of Visibility:—X—Nil, A—27 yards, B—55 yards, C—110 yards, D—220 yards, E—550 yards, F—400 yards, G—1¼ mile, H—2½ miles, I—4⅓ miles, J—6¼ miles, K—12½ miles, L—18⅔ miles, M—31 miles.

AMOUNT OF CLOUD.

	Number of cases of total cloud amount of				
Hour.	0	1/3	4/6	7/9	10
8.30 a.m.	0	3	12	15	0
3.30 p.m.	0	3	5	13	9

APRIL.

Wind Direction and Force (Beaufort Scale). I		Wind Direction and Force (Beaufort Scale). II		Weather (Beaufort Letters). At time of Observation I.	During day I to II.	At time of Observation II.	During night II to I.	Cloud. Amount (0–10) I	II	Form. I	II	Direction whence coming. I	II	Amount of Rain. 7 hours during day measured at 15h. 30m.	17 hours measured next morning at 8h. 30m.	Sunshine. Hours and tenths.	Visibility. I	II	State of Ground. I	II	Day.
(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	
Dir.	Fc.	Dir.	Fc.											in.	in.						
N.N.W.	1	S.E.	2	b	b,cr,ogtl	ogtl	ogtlRr,c,b	2	10	ci-cu-lent	nb	...	E.	0·08	0·95	5·2	L	K	5	5	1
N.N.W.	1	N.E.	2	b	b	b	bc,c,bw	3	3	ci/ci-st	ci/ci-cu	N.W.	S.W.	..	0·01	10·2	M	L	2	1	2
Calm	0	E.	4	bc	bc,cp	bc	bcp,c	4	5	ci/ci-cu-l/f-c	ci/ci-s/cu/cu	E/ENE	W./E.	0·03	0·01	9·8	L	K	5	0	3
E.	3	E.	4	c	c,bc	bc	b,bcp	7	5	cu/cu-nb	ci/fr-cu/cu	E.	–/E.	..	0·02	9·3	L	K	0	0	4
E.XS.	3	E.XS.	4	bc	bc,c	c	c,bcp,b	6	8	ci-cu/cu/cu-n	cu-nb	E/E.S.E.	S.E.	Trace	0·04	4·8	K	L	5	0	5
E.S.E.	3	E.S.E.	5	b	b,bc	b	bc,cp	3	6	ci/cu	cu/cu-nb	SW/ESE	E.S.E.	..	0·10	8·4	L	K	0	0	6
E.S.E.	4	E.S.E.	4/5	c	c,oPpq	opq	0pq,c,bc	8	10	cu/cu-nb	cu/nb	E.S.E.	E.S.E.	0·93	0·10	1·4	L	L	5	1	7
E.S.E.	4/5	E.S.E.	3	bc	bc,c	cy	c,b,bc	5	7	ci-cu/cu-nb	fr-cu/cu	–/E.	E.	0·01	..	7·7	L	L	1	1	8
N.E.	2	E.	3	bc	bc	bc	bc,c,o	4	6	ci/fr-cu/cu	ci-st/fr-cu	W/ENE	NW/SE	..	Trace	9·3	L	L	1	0	9
N.E.	1	N.	1	ojr	oirRq	oir	oirRq,d	9	10	nb/st	nb/st	N.E.	N.N.E.	0·31	0·74	0·4	K	J	5	1	10
N.	1	S.S.W.	1	o	od,v	o	c,btl,bc	9	9	st-cu/cu	a-st/cu-nb	W.N.W.	S.W.	0·03	Trace	2·5	M	M	2	1	11
N.N.E.	1	S.E.	2	bc	bc,c	c	c,bclp,bw	6	7	ci/ci-st/cu	ci-st/cu-nb	W/S.E.	–/S.E.	..	0·01	6·9	K	M	1	0	12
E'ly	1	E.	4/5	bc	bc,cpq	cq	cpq,o	6	7	ci/ci-s/cu/cu	cu/nb	W./E.	E.N.E.	0·06	0·17	5·8	L	J	5	0	13
E.N.E.	5	N.E.	3	opq	qpq,bc	op	c,opq	9	10	nb	cu/cu-nb	N.E.	N.E.	0·41	0·08	3·4	H	I	1	2	14
E.	4	E.	4/5	cq	bc,cpq	o	c,opq	7	10	cu-nb	cu/cu-nb	E.	E.	0·07	0·41	5·6	K	L	2	2	15
E.S.E.	4	E.S.E.	5	cpq	cpq	cjp	cp,bc,b	7	8	cu/nb	cu-nb/nb	E.	E.S.E.	0·02	0·02	2·9	J	J	2	1	16
E.	2	E.	4	bc	bc,c	c	c,orq	6	7	cu/cu-nb	st-cu/cu/nb	E.	N./E.	..	0·31	3·0	L	K	1	1	17
N.E.	2	E.N.E.	4	o	o,c	c	c,bcq	9	7	st-cu	a-cu/s-cu/cu	E.N.E.	N./E.	..	..	5·8	K	K	2	1	18
N.E.	2/3	E.	3	bcq	bcq,o,c	c	bc,bw	6	7	cu/cu-nb	cu/cu-nb	E.N.E.	E.	..	Trace	3·1	K	L	1	0	19
E.	2	E.N.E.	4	bc	bc,b	b	b,bc	4	3	cu/cu-nb	st-cu/fr-cu	E.	E.N.E.	..	Trace	8·6	L	L	5	0	20
E.	4	E.	4	bc	bc,c,b	b	b,bc,c	4	3	fr-cu/cu-nb	fr-cu/cu	E.	E.N.E.	..	Trace	8·2	L	L	5	0	21
E.	4	E.	4	c	c,bc,b	bc	b,bc,c,	7	4	st-cu	cu	E.N.E.	E.S.E.	..	..	7·1	L	L	0	0	22
E.	3	E.	4	c	c,bc	c	bc,c,op	7	7	a-cu/cu	a-cu/s-cu/cu	E./E.	N./E.	..	0·08	8·5	L	K	0	0	23
N.E.	2	N.E.	3	o	od	od	od,bc	9	10	cu-nb/nb	nb/st	N.E.	E.N.E.	0·02	0·29	0·5	K	F	5	5	24
N.E.XN.	2	N.E.XN.	3	bc	bc,c,o	o	o,cr,bc	5	9	a-cu/s-cu/cu	cu-nb/nb	NE/NE	N.E.	..	Trace	2·8	K	L	1	0	25
N.N.E.	2	N.N.E.	2	bc	bc,c,o	o	o,c	6	9	ci-s/s-cu/cu	a-st/nb	N.W./N.	NW/NE	0·02	Trace	3·9	M	L	0	0	26
Calm	0	N.	3	c	c,bc,oRRq	oRR	oRRq,r,c	7	10	a-cu/s-cu/cu	nb/st	W./N.W.	N.	2·05	0·72	4·3	K	F	0	2	27
Calm	0	E.N.E.	1	c	c,or,d	od	od,c	8	10	ci/a-cu/s-cu	nb/st	W./–	..	0·14	0·05	1·0	L	J	2	2	28
N.E'ly	2	E.	2	c	c,oir	o	oir,c	7	10	ci/cu/cu-nb	nb/st	SW/NE	E.	0·11	0·11	2·8	K	J	2	2	29
Calm	0	N.E.	3	c	c,or	o	oqr,d	8	9	st-cu/cu	cu-nb/nb	NW/NW	N.	0·89	1·37	3·4	K	L	2	2	30
...	..	...	..	...	...	...	...	188	226	...	...	...	...	5·18	5·59	156·6	..	..	..	..	..
...	..	...	..	...	...	...	...	6·3	7·5	...	...	...	...	..	..	5·2	..	..	..	..	Means Totals

WIND SUMMARY.

	Force 8 or more.	4/7.	1/3.	Calms.	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.
8.30 a.m.	0	7	19	4	1	2	7	1	9	4	0	0	0	0	0	0	0	0	0	2
3.30 p.m.	0	14	16	0	2	1	5	3	12	4	2	0	0	1	0	0	0	0	0	0
	0	21	35	4	3	3	12	4	21	8	2	0	0	1	0	0	0	0	0	2

Prevailing Direction, E.; 8.30 a.m., E.; 3.30 p.m., E.

KATA THERMOMETER OBSERVATIONS IN "SCREEN."

Time of Observation between 9h. and 9h. 30m. F. 464.

APRIL, 1934.

Date.	Cooling Power. Dry Kata.	Wet Kata.	Date.	Cooling Power. Dry Kata.	Wet Kata.
1	...	...	16	5·2	15·0
2	...	...	17	4·6	15·5
3	3·7	15·5	18	6·6	20·2
4	4·1	14·8	19	6·6	17·8
5	3·3	10·1	20	6·9	17·6
6	3·6	10·3	21	4·3	17·2
7	4·2	12·2	22	..	...
8	..	...	..	6·1	17·5
9	4·7	14·5	24	6·1	16·9
10	4·1	13·3	25	6·1	17·5
11	3·2	9·9	26	6·3	18·5
12	4·1	10·5	27	4·1	14·1
13	3·7	9·7	28	3·4	11·6
14	4·7	13·9	29	..	...
15	..	...	30	4·8	15·5
Totals	..	...	..	114·5	349·6
Means	..	...	..	4·8	14·6

WEATHER DIARY—APRIL, 1934.

Date.

1. N.N.E. to N.N.W. airs to calm in early morning and clear sky. Variable squally winds forces 0/4 after 1100 and sky began to cover. Light rain 1204 to 1220. Gloomy afternoon. Distant thunderstorm 1400 becoming severe 1630 and lasting to 1805. Moderate to heavy rain 1700 to 1900. Northerly airs to calm 2000.
2. N.E. winds in early morning force 1/3 backing N.N.W. 0815 and increasing. Rain 0330 to 0350, then clear sky all day, cloudy night. Wind fell 1050, increasing force 3 from E.S.E., backing N.E. force 2/3 1440, gradually falling off after 1700. Pretty sunset and peculiar coloration and cloud formation.
3. Northerly airs to calm in early morning, half cloudy and grass wet with dew. Light N.E. breeze 0840, increasing force 4 from E., falling off 1730 backing N.E., increasing again from E.N.E. 2220. Passing showers at 1152 and 1948. Half cloudy night.
4. N.E. airs to calm 0120, gentle to moderate E. breeze 0320 and cloudy. Shower at 0238. Half cloudy after 0900, clear night. Occasional gusts of wind force 5 during the day.
5. Wind fell after 0200 backing N., veering E. force 2. Calm 0600. Gentle E. by S. breeze 0650. Early morning half cloudy, showers at 0120 and 0710. Northerly airs 2225. Cloudy afternoon, half cloudy night. Showers at 2135 and 2220.
6. Variable airs to calm in early morning and clear sky. Light shower at 0318. Gentle E.S.E. breeze 0710, increasing force 4/5, gradually falling off after 1500 backing N.N.E. 2200. Half cloudy afternoon and night.
7. Northerly airs to calm in early morning. Gentle E.S.E. breeze 0455 increasing force 4, 0730. Passing showers and cloudy 0425 to 0510. Wind increased force 4/6 (squally) 1100 varying between S.E. and E.N.E., steady from E.S.E. after 1425. Light to heavy passing showers 1100 to 1830. Cloudy night. Maximum wind velocity 30 m.p.h. from E.S.E. at 1100.
8. Moderate to fresh E.S.E. breeze in early morning, fine and half cloudy, wind gradually falling off after 1100. Shower at 1132 for 3 minutes. Cloudy afternoon and night.
9. Light to gentle E.S.E. breeze in early morning and clear sky. Northerly airs 0645, increasing from N.E. 0820, veering E. force 3, gradually falling off 1600 backing N.E. Half cloudy during the day, cloudy night.
10. N.N.E. airs to calm in early morning and overcast. Wind increased force 2/3 0500 falling off 0600, increasing from N.N.E. 0848. Trace of rain at 0810. Wind veered N.E.. Squalls force 3/5 at 1248, 1416, 1744 and 2225. Light to heavy intermittent rain all day from 1045. Northerly airs 1440 to 1540. N.E. airs 2240.
11. Intermittent rain to 0010. Thin drizzle 0512 to 0720, northerly airs to calm and overcast. Light S.W. breeze 1030 backing S.S.W. 1320 falling off. Thin drizzle 1148 to 1235, then unusual visibility. Light E.N.E. breeze 1630 falling off 2000. Clear night, distant thunderstorm 1910 to 2230.
12. N.E. to N.N.E. airs to calm in early morning and half cloudy. Light to gentle S.E. breeze 1110 falling off 1700 backing N.E. 2130. Cloudy afternoon, shower at 1538 and 2125 to 2130. Clear night, lightning 1850 to 2150.
13. Clear sky in early morning, dew and N.N.E. airs to calm. Variable E. airs 0810 and half cloudy. Cloudy and passing showers 1115 to 1138. Squally Easterly winds force 2/5 after 1030, maximum velocity 26 m.p.h. from E. by N. at 2019. Cloudy night.
14. Early morning cloudy and squally. Passing showers 0232 to 1935. Wind force 2/6 backing E.N.E. 0800 veering E. 1106. Sudden squall from E.S.E. 1439, reaching 40 m.p.h. (force 8) at 1442, then rapidly falling off backing N.E., and very heavy passing showers to 1505. Variable N.E. airs to calm 1700. Gentle squall from E.S.E. backing E.N.E. 2021 to 2228.
15. E.N.E. airs to calm in early morning, gradually increasing force 3/6, squally from E. Cloudy and passing showers 0540 to 1750. Maximum wind velocity 28 m.p.h. from E. by S. at 1543. Cloudy night.
16. Cloudy in early morning and squally E.S.E. breeze force 3/5. Light passing showers 0338 to 1812. Rainbow to W. 0930. Wind moderated 1900. Half cloudy night. Maximum wind velocity 27 m.p.h. from E.S.E. at 1612.

Date.

17. Moderate E. breeze in early morning and clear sky. Calm 0700 and sky began to cover. Light E. breeze 0803 increasing 0854 to force 4/5, squally winds force 2/5 after 1940. Cloudy night.
18. Wind backed north easterly 0155, squally, gradually falling off after 0400, increasing again 0805. Rain 0150 to 0230. Cloudy to overcast all day, half cloudy night. Wind gradually fell after 1600 backing N.E., maximum velocity 29 m.p.h. from E.N.E. at 0208.
19. N.E. airs to calm and half cloudy in early morning. Wind increased in squalls 0810, veering E. 0900 and sky covering. Steady wind after 0930, gradually falling off after 1600 backing N.E. Clear sky at night.
20. Northerly airs to calm in early morning, clear sky and dew. Light E. breeze 0800 gradually increasing force 4/5, backing E.N.E. 1448, falling off 1700 backing North Easterly. Half cloudy morning, clear afternoon and night. Trace of rain at 2130.
21. Light E. breeze 0050 gradually increasing force 4. Clear sky in morning, trace of rain at 0420. Gusty wind force 3/6 after 1100, falling off 1600 to force 2/3. Fine all day, clear sky at night.
22. Early morning fine, cloudy and light to moderate E. breeze all day, falling off to force 2 2345. Half to quarter cloudy during the day and evening, cloudy after 2130. Fine all day.
23. Wind backed N.E. falling off. Gentle to moderate E. breeze 0805, gusty force 3/5 1130, very gradually falling off after 1740 backing N.E. Cloudy in early morning, half cloudy during the day, cloudy to overcast night.
24. N.E. airs to calm 0000. Gentle to moderate E. breeze 0140 falling off to force 2 backing N.E., increasing 0900 to force 3/4. Overcast all day, light showers 0048 to 0230 and 0548 to 0628. Thin drizzle and poor visibility 1230. Light breeze 2100 falling off.
25. Variable N.E. winds in early morning force 1/3. Calm 0610. Light N.E. by N. breeze 0750. Thin drizzle to 0505, then half cloudy gradually covering after 0930. Wind increased force 3/4 falling off 1740. Northerly airs to calm 2050. Cloudy night. Lunar corona 1915 to 1955.
26. Early morning fine, half cloudy and calm. Light N.N.E. breeze 0135 increasing force 3 0855, gradually falling off after 1410. Sky covered 1100. Light rain 1220 to 1225. Cloudy to overcast night.
27. Variable airs to calm and cloudy in early morning. W.S.W. airs 0948 backing S.S.W. 1025 gradually increasing, backing South Easterly force 3 1235 and rapidly to N. squally 1325. Heavy rain 1340 to 1550 thence light rain to 1720. Shower at 2116. Moderate rain 2325. Northerly airs to calm after 1600, increasing force 2 from E.N.E. variable 2250.
28. Moderate rain to 0025. Calm 0148. Variable N.E. airs 0845. Light variable S.E. breeze 0952, backing E.N. easterly 1220 falling off, increasing force 2/3 from E. 1753, falling off 2150. Rain 1250 to 1310. Thin drizzle 1505 to 1540. Cloudy night. Faint lunar halo observed 1950 to 2010.
29. Variable N.E. winds in early morning force 0/3, occasional gusts force 4 after 1210. Easterly breeze 1300 falling off 1600 backing N.E. Cloudy to overcast all day and night. Thin drizzle 0250 to 0410. Light intermittent rain 1035 to 1805.
30. Northerly airs to calm in early morning and cloudy. Gentle variable E.N.E. breeze 1115 veering Southerly force 2 backing N.E. force 4 1346, gradually falling off. Squally S.E. breeze force 2/5 1842 backing N.N.E. falling off 2350. Rain 1250 to 1450 and 1842 to 2100 thence drizzle to 2250.

ADDITIONAL NOTES.

Temperature was 0·5° above normal, whilst rainfall showed a deficiency of 1·64″.

During the severe thunderstorm of April 1st an umbrella which was carried by an European on a launch near Nukulau (Laucala Bay) was struck by lightning hurling the man into the water and rendering him unconscious.

During a sudden squall on 14th the wind reached 40 m.p.h. (gale force) at 2.42 p.m.

METEOROLOGICAL OBSERVATIONS TAKEN AT SUVA, FIJI.

DURING

MAY, 1934.

MAY.

Day.	Air Pressure at Mean Sea Level in the Units of Measurement.		Temperature (degrees F.)										Humidity.					
			In Screen.				Max.	Min.	In Open.		In Ground.		Dew Point.		Vapour Pressure.		Percentage.	
			Dry.	Wet.	Dry.	Wet.			Grass Min. Eve. to Morn.	Max. in Sun Black Bulb in vacuo.	I							
	I	II	I		II						1 foot.	4 feet.	I	II	I	II	I	II
			Tenths.				Whole Degrees.				Tenths.							
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
	in.	in.	°	°	°	°	°	°	°	°	°	°	°	°	mb.	mb.		
1	29·891	29·820	76·8	73·6	79·0	76·0	85	73	72	145	79·2	79·5	73	75	27·3	29·3	85	86
2	29·887	29·808	80·0	76·0	84·6	77·2	85	72	72	138	79·2	79·9	74	74	28·9	28·9	83	70
3	29·865	29·821	80·0	75·4	83·8	76·7	85	72	70	141	80·0	80·5	74	74	28·2	28·6	80	72
4	29·895	29·825	79·0	75·8	84·0	76·8	86	72	67	143	80·4	80·4	75	74	29·3	28·6	86	71
5	29·917	29·841	81·2	76·2	83·0	77·0	87	74	71	144	80·8	80·1	74	74	28·4	29·0	79	75
6	29·965	29·902	78·0	75·0	76·4	75·0	82	75	72	134	81·1	81·0	74	74	28·3	28·5	86	93
7	29·984	29·889	76·6	72·6	77·2	74·0	81	74	71	125	80·4	81·0	71	73	28·0	27·3	82	86
8	29·932	29·854	75·0	73·0	77·2	72·8	79	72	69	111	80·0	81·0	72	70	26·8	25·3	91	80
9	29·862	29·743	78·0	73·0	80·2	73·0	83	72	68	149	79·5	80·7	71	69	25·5	24·6	78	70
10	29·797	29·689	76·6	74·6	85·2	77·2	88	73	72	142	79·2	80·4	74	73	28·8	28·1	91	69
11	29·803	29·728	78·2	75·4	84·2	79·0	85	75	71	140	79·8	80·8	74	77	28·3	31·6	87	79
12	20·890	29·868	78·0	73·6	77·6	73·8	79	75	72	146	79·8	80·4	71	72	26·2	26·9	80	83
13	29·986	29·920	72·4	71·0	75·4	70·8	76	71	69	110	79·0	80·2	70	68	24·8	23·5	93	79
14	30·001	29·927	71·2	69·4	75·8	70·6	77	70	69	122	77·0	80·0	68	68	23·3	23·7	91	77
15	30·018	29·949	72·8	71·0	75·8	71·6	79	69	66	120	77·0	80·0	70	70	25·0	25·0	91	81
16	30·056	29·997	74·0	69·0	73·5	70·5	78	71	68	109	77·2	79·8	66	69	22·0	24·6	77	86
17	30·059	28·961	74·0	70·0	74·0	70·0	76	72	70	93	76·6	79·4	68	68	23·3	23·3	81	81
18	29·975	29·905	73·6	72·2	74·0	71·8	77	71	70	97	75·0	77·5	72	71	26·6	25·9	93	89
19	29·991	29·919	73·2	68·8	74·0	68·2	76	70	68	119	74·9	78·8	66	64	21·8	20·7	79	73
20	29·993	29·903	72·8	67·8	74·4	72·2	79	72	69	125	74·8	78·6	65	71	21·2	25·9	76	89
21	29·951	29·858	74·8	71·8	74·4	72·1	77	72	69	99	74·8	78·1	71	70	25·5	25·2	86	88
22	29·918	29·845	74·2	73·0	74·0	73·0	77	72	71	96	74·2	75·0	72	72	27·3	27·3	94	95
23	29·947	29·886	76·2	73·8	74·4	73·6	77	71	70	101	74·2	77·0	72	72	27·1	27·3	89	96
24	29·961	29·886	76·2	75·0	75·0	74·2	78	72	71	98	74·9	76·7	75	74	29·2	28·2	94	96
25	29·911	29·822	76·0	75·0	74·6	74·0	77	72	71	103	75·0	76·9	75	74	29·2	28·9	95	97
26	29·903	29·830	73·0	70·2	75·0	72·6	79	71	69	111	74·9	76·6	68	71	23·7	26·2	86	89
27	29·925	29·867	74·2	71·2	73·8	71·4	78	73	71	114	75·0	76·8	69	70	24·6	25·2	86	88
28	29·892	29·815	74·0	70·8	72·4	70·8	76	72	70	103	74·8	76·5	69	70	24·6	24·8	85	92
29	29·932	29·871	72·4	70·8	77·8	72·0	78	70	68	107	73·2	75·9	70	69	24·8	24·1	92	75
30	29·985	29·955	76·0	71·4	76·4	71·4	80	71	69	135	74·1	75·9	69	68	24·4	23·7	79	78
31	30.038	29·969	76·0	72·4	77·2	72·4	81	71	67	140	74·1	75·4	71	69	25·7	24·6	83	79
Totals	928·130	925·873	2344.4	2248·8	2394·3	2271·7	2481	2232	2162	3760	2390·1	2440·8	2203	2207	806·1	814·8	2658	2562
Means	29·940	29·867	75·6	72·5	77·2	73·3	80·0	72·0	69·7	121·3	77·1	78·7	71·1	71·2	26·0	26·3	85·7	82·6

METEOROLOGICAL SUMMARY FOR MONTH OF MAY, 1934.

Highest Pressure—30·059″ at 8.30 a.m. on 17th.
Lowest Pressure—29·689″ at 3.30 p.m. on 10th.
Highest Temperature in Shade—88° on 10th.
Lowest Temperature in Shade—69° on 15th.
Mean Daily Range—8·0°.
Greatest Range—15° on 10th.
Least Range—4° on 12th, 17th and 28th.
Mean Temperature for Month—76·0°.
Greatest Humidity—97 per cent. at 3.30 p.m. on 25th.
Least Humidity—69 per cent. at 3.30 p.m. on 10th.
No. of Days of—Rain, 25; Hail, 0; Thunderstorms, 0; Fog, 0; Gales (force 8 or more), 0.
Rainfall—Total, 20·92″; Average, 10·19″ for 50 years; Difference from normal + 10·73″;
Greatest fall in 24 hours, 2·99″ on 21st.

Visibility Summary—No. of Cases of.

Hour.	X	A	B	C	D	E	F	G	H	I	J	K	L	M
8.30 a.m.	0	0	0	0	0	0	0	1	4	7	3	4	8	4
3.30 p.m.	0	0	0	0	0	0	0	4	5	4	1	6	7	4

Standard Distance of Objects used for Estimate of Visibility:—X—Nil, A—27 yards, B—55 yards, C—110 yards, D—220 yards, E—550 yards, F—1,110 yards, G—1¼ mile, H—2½ miles, I—4⅓ miles, K—6¼ miles, K—12½ miles, L—18¾ miles, M—31 miles.

Amount of Cloud.

Hour.	Number of cases of total cloud amount of.				
	0	1/3	4/6	7/9	10
8.30 a.m.	0	3	2	10	16
3.30 p'm.	0	4	0	10	17

MAY.

Wind Direction and Force (Beaufort Scale). I		II		Weather (Beaufort Letters). At time of Observation I.	During day I to II.	At time of Observation II.	During night II to I.	Cloud. Amount (0–10) I	II	Form. I	II	Direction whence coming. I	II	Amount of Rain. 7 hours during day measured at 15h. 30m.	17 hours measured next morning at 8h. 30m.	Sunshine. Hours and tenths.	Visibility. I	II	State of Ground. I	II	Day.
(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	
Dir.	Fc.	Dir.	Fc.											in.	in.						
Calm	0	N.E.	3	o	or,c	c	or,d,c,b,	9	9	st-cu	cu/cu-nb	...	N.E.	0·20	0·14	2·6	L	L	2	2	1
Calm	0	S.E.	2	b	bv	bv	bv,bc	3	2	ci-cu	cu/cu-nb	...	N.E.	..	..	9·1	M	M	1	1	2
Calm	0	S.E.	2	b	b	b	bw	1	2	cu	st-cu	...	E.N.E.	..	Trace	10·7	L	M	1	0	3
Calm	0	S.E.	2	b	b	b	b,cv,bw	2	1	fr-cu	fr-cu	E.	S.E.	..	trace	10·3	L	M	5	0	4
Calm	0	E.S.E.	3	bc	bc,b	b	b,c,orq	4	3	a-cu/cu/cun	ci/ci-cu	–/N.	N.E.	..	0·08	8·8	M	L	5	0	5
E.N.E.	3	S.E.	3	oq	oidr	oir	oird	9	10	cu-nb/nb	nb/st	N.E.	S.E.	0·12	0·46	0·9	J	H	1	2	6
S.E.	3	E.S.E.	3	oid	oid	oid	oid	9	9	cu-nb/nb	cu-nb/nb	S.E.	S.E.	0·01	0·08	0·3	J	J	2	1	7
N.	1	N.	2	o	oird,g	og	og,c,bc	9	9	cu-nb/nb	nb	E.	N.E.	0·12	..	0·2	J	K	1	2	8
N.N.E.	2	N.E.X.N.	3	c	bc,c	c	c,oir	8	8	St-cu	a-cu/st-cu	E.N.E.	W.	..	0·39	5·7	L	L	1	0	9
N.N.E.	2	N.X.W.	3	o	o,cqv,bc	cvq	cvq,l,o	9	7	a-st	ci-cu-lent/cu	W.	W/N	Trace	Trace	6·8	L	M	2	1	10
N.	2	S.W'ly	1	ov	ov,c	c	c,b,bcq	9	7	cu-nb/nb	cu-nb	W.	W.	..	Trace	4·7	M	K	5	0	11
W.X.N.	2	S.S.W.	4	bcq	bcq,c,oir	oq	oirq,id	4	9	cu/cu-nb	nb	S.W.	S.	0·11	0·61	4·4	L	L	0	5	12
W.	2	S'ly	2	oidq	oidq	oidq	oid,irR	10	10	nb/st	nb/st	S.S.W.	S.	0·01	2·53	0·0	1·	L	2	2	13
S.E.	4	S.E.	3	oir	oir,g	og	og,c,oid	10	10	nb/st	nb	S.E.	S.E.	0·08	0·12	0·2	H	L	2	2	14
N.W'ly	1	S.E.	3	og	og	og	og,r	9	10	a-st/nb	ab/st	E.N.E.	E.	Trace	0·10	0·2	M	L	2	1	15
S.E.	2	S.S.E.	4/5	og	og,r	og	og	10	10	a-st/nb	nb	S.E.	S.S.E.	0·01	..	0·0	L	K	1	1	16
S.E.	4	S.E'ly	3	og	og,id	ogid	ogid,rRq	10	10	nb	nb/st	S.E.	S.E.	0·02	1·41	0·0	K	I	1	1	17
S.E.X.S.	2	S.E.	3	orqg	ogqrd	ogd	ogqrd	10	10	nb/st	nb/st	S.E.	E.S.E.	0·30	0·79	0·0	H	H	2	2	18
S.E.	3	S.E.	4	ogjr	og	og	og	10	10	nb/st	nb/st	S.E.	S.E.	..	Trace	0·1	K	K	2	2	19
S.E.	4	E.	3	og	ogqr	og	ogr,id	10	10	nb/st	nb/st	E.	E.	0·18	0·03	0·3	L	H	2	2	20
E.	3	E.S.E'ly	2	ogid	ogid	ogid	ogid,rR	10	10	nb/st	nb/st	E.	E.	0·15	2·84	0·0	I	G	2	2	21
E.	4	E.S.E.	5/6	ogd	ogdrqu	ogdq	ogdrqu	10	10	nb/st	nb/st	E.N.E.	E.S.E.	0·65	0·51	0·0	H	H	2	2	22
E.	4	N.E.	2	og	ogidq	ogidq	ogid,Rr	10	10	nb/st	nb/st	E.N.E.	E.N.E.	0·06	1·82	0·0	I	I	2	2	23
N.E.X.E.	2	E.	3	og	ogrd	ogrd	ogRr	10	10	nb/st	nb/st	E.N.E.	E.N.E.	0·74	1·31	0·0	J	G	2	2	24
E.N.E.	3	E.	4	ogjr	ogrr	ogrr	ogddrrq	10	10	nb/st	nb/st	E.N.E.	E.N.E.	1·40	1·56	0·0	I	G	2	2	25
Ely	3	N.N.E.	2	ogq	ogidq	ogid	ogid	10	10	nb/st	nb/st	N.E.	N.E.	0·03	0·03	0·0	H	K	2	2	26
E.	3	E.X.S.	3	ogid	ogidq	ogidq	ogidrq	10	10	nb/st	nb/st	E.	E.	0·03	0·43	0·0	I	H	2	2	27
E.N.E.	4	E.N.E.	4	ogidq	ogidq	ogidq	ogid,r,ir	10	10	nb/st	nb/st	E.N.E.	E.N.E.	0·06	0·95	0·0	G	G	2	2	28
Calm	0	E.N.E.	3	og	og	og	ogird,c	10	9	nb/st	a-st	N.E.	W.N.W.	Trace	0·17	0·3	I	K	2	2	29
N.E.X.E.	3	E.	4/5	c	c,opqg	oqg	ogqp,c	8	9	st-cu/nb	st-cu/nb	E.N.E.	N.E.	0·14	0·12	1·4	K	I	2	2	30
N.E.	3	E.X.N.	4	c	bc,cp	cjp	bc,cp	7	8	cu-nb/nb	cu/nb	N.E.	N.E.	0·01	0·01	4·6	K	I	2	2	31
...	..	...	..	...	...	...	...	260	262	...				4·43	16·49	71·6	..	..	..	..	Totals
...	..	...	..	...	...	...	...	8·4	8·5	...	...	...	...	..	..	2·3	..	..	..	..	Means

WIND SUMMARY.

	Force 8 or more.	4/7.	1/3.	Calms.	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.
8.30 a.m.	0	6	19	6	2	2	3	3	5	0	7	0	0	0	0	0	2	0	1	0
3.30 p.m.	0	8	23	0	2	1	3	2	6	4	9	1	1	1	1	0	0	0	0	0
	0	14	42	6	4	3	6	5	11	4	16	1	1	1	1	0	2	0	1	0

Prevailing Direction, S.E.; 8.30 a.m., S.E.; 3.30 p.m., S.E.

KATA THERMOMETER OBSERVATIONS IN "SCREEN."

Time of Observation between 9h. and 9h. 30m. F. 464.

MAY, 1934.

Date.	Cooling Power. Dry Kata.	Wet Kata.	Date.	Cooling Power. Dry Kata.	Wet Kata.
1	5·1	16·0	17	4·9	14·5
2	3·4	12·7	18	6·7	15·2
3	3·1	12·2	19	7·3	17·8
4	4·6	12·9	20	...	...
5	3·9	14·1	21	8·3	22·1
6	...	...	22	6·7	16·0
7	4·1	13·6	23	6·8	15·5
8	5·2	19·3	24	7·0	16·3
9	5·2	19·3	25	7·5	20·2
10	5·9	16·0	26	7·3	17·2
11	3·8	9·9	27	6·1	15·0
12	7·6	21·1	28	11·0	21·6
13	7·7	21·1	29	5·9	15·0
14	5·8	15·0	30	8·1	22·6
15	4·5	13·7	31	6·7	18·6
16	5·2	14·5			
Totals	..	...	..	175·4	479·0
Means	..	...	..	6·0	16·5

WEATHER DIARY—MAY, 1934.

Date.

1. N.E. airs to calm in early morning and cloudy to overcast. Northerly airs 0620, increasing force 2/3, 1300 backing N.W. 1730, falling off 1800 to N.N.E. airs. Rain 1425 to 1452 and 1735 to 1800, thence drizzle to 1840. Cloudy to overcast night.
2. Light N.N.E. breeze in early morning and cloudy, clearing soon after sunrise. Calm 0750. Light S.S.W. breeze 1003 backing S.E'ly after 1320 gradually backing N.E. after 1600 falling off. Unusual visibility during the day, clear night.
3. Fine and clear sky all day and night and good visibility. N.N.E. airs to calm in early morning, increasing force 2/3 from S.S.W. after 1000 backing S.E. after 1300, gradually falling off. Northerly airs 1920.
4. Northerly airs in early morning and heavy dew. Clear sky all day, cloudy evening, clearing about 2100. Calm 0720, S.W.ly airs 1005 backing S.E. force 2/3, gradually falling off after 1500. Unusual visibility during late afternoon, Northerly airs 2300.
5. Early morning fine, Northerly airs, dew on grass and clear sky. Calm 0810. Light N.E'ly breeze 0855, gradually increasing force 3 veering E.S.E., falling off 1720. Half to quarter cloudy during the day, gradually covering after 1600. Light rain 2228 to 2238.
6. Light rain at 0048, 0140, 0309 and 0648. Variable airs in early morning, squall force 3 from E.N.E. 0828, falling off 0850 backing N.N.E. Gentle to moderate S.E. breeze 1105. Intermittent rain and drizzle 1430 to 2246. Moderate break on reef during the day.
7. Gentle to moderate S.E. breeze in early morning. Very thin intermittent drizzle all day from 0820. Wind backed E.S.E. 0910 backing Northerly 2012, falling off.
8. Variable Northerly airs to calm in early morning and intermittent drizzle and rain to 1410 then overcast and gloomy. Variable winds between N.N.E. and E. force 1/3 during the day, N.N.E. airs to calm after 1745. Cloudy to overcast night.
9. Light E.N.E. breeze 0315 backing N.N.E. Half to three-quarter cloudy all day, overcast night. Wind increased force 3/4 veering N.E. gradually falling off after 1500 backing N.N.E., increasing force 3/4 from N.E'ly 2300. Intermittent rain 2040.
10. Light to moderate N.E. to N.N.E. breeze in early morning and overcast, intermittent rain to 0606. Half to three-quarter cloudy 0910 and unusual visibility. Gentle to fresh squally N.N.W. breeze 1010 falling off force 2/3 after 1500 veering Northerly. Lightning 1825 to 2230.
11. Overcast and unusual visibility in early morning and light Northerly breeze falling off 1100. Calm 1125. Light variable S.E. breeze 1244 veering S.W. force 1 1500 veering N.N.W. 1705. Three-quarter cloudy after 0930, clearing about 1930.
12. Half cloudy in early morning and light Northerly breeze. Calm 0500. N.W. airs 0630 increasing in squalls force 2/5 backing Westerly 0746 and to S.W'ly 1013, and to Southerly 1600. backing N. 1710 then to N.W. rapidly backing S.E'ly, veering Northerly 2025 then rapidly backing N.E. 2220, falling off. Overcast and intermittent rain 1258. Maximum wind velocity 27 miles per hour from W.S.W. at 1200.
13. Wind backed Westerly 0035 increasing force 3 0223 backing Southerly and becoming squally, veering Westerly 0804 then very gradually backing S.E. Intermittent rain to 0300. Overcast all day and very thin intermittent drizzle. Moderate to heavy intermittent rain 1655.
14. Variable winds force 1/3 in early morning, mainly S.E., increasing force 3/4 from S.E. 0755. Overcast and intermittent rain to 1216 then gloomy. Wind backed Westerly after 1240 falling off backing S.E. force 3 1400.
15. Wind backed N. variable after 0100 falling off. Intermittent drizzle 0035 to 0640, overcast and gloomy. Wind backed N.W. and to S.E. force 3 0920,falling off 1630 backing N. variable. Light S.E. breeze 1900. Light rain 1655 to 1713.
16. Overcast and gloomy all day. Light to gentle S.E. breeze in morning, increasing force 4/5 from S.S.E. 1300 gradually backing S.E. and moderating 1600. Rain 1357 to 1400.
17. Light to gentle S.E. breeze in early morning increasing force 4 0655, overcast and gloomy. Variable gentle S.E. breeze after 1250 falling off backing N. 1625, increasing force 3/4 from E.S.E'ly 1855. Intermittent drizzle 1420 to 1600. Drizzle, light rain and heavy rain 2140.

Date.

18. Overcast, gloomy, drizzle, light rain and heavy rain to 2230. Squally variable winds force 1/4 mainly S.E. all day. Gentle breeze after 2100.
19. Drizzle 0255 to 0315 and 0430 to 0540. Overcast, gloomy and gentle to moderate S.E. breeze all day.
20. Overcast gloomy and gentle to moderate S.E. breeze in morning, wind falling off 0900 backing N.E'ly increasing force 3/5, squally, 0932, falling off 1630 backing N.E. Light to gentle E'ly breeze 2015. Rain 1325 to 1415 and 2312 to 2322. Lower clouds disappeared about 1800, but sky still covered with middle clouds.
21. Gentle to moderate E. breeze in early morning, overcast and gloomy. Intermittent drizzle all day from 0820. Variable E.S.E. breeze force 1/3 after 1120, steady from E.S.E. 1700, increasing force 4/6.
22. Wind moderated 0252 and moderate to heavy rain to 0815, thence drizzle and rain all day, gloomy and ugly. Wind backed E. 0610, squally after 1330, increasing force 5/6 veering E.S.E., occasional gusts force 7. Maximum velocity 37 miles per hour from E.S.E. at 1635.
23. Drizzle and rain to 0300. Early morning overcast, gloomy and moderate E. breeze, backing N.E. squally 1000, falling off 1450. Intermittent drizzle 1030, heavy rain 1550 to 1650 thence light rain to 1930. Maximum wind velocity 31 miles per hour from N.E. at 1442.
24. N.E'ly airs in early morning gradually increasing force 2/3, overcast and gloomy. Drizzle and rain 0850, heavy rain 1552 to 1720 thence light rain to 2030. Wind veered E. force 3/4 backing N.E'ly 1658 falling off, increasing from E.N.E. 2000 to force 4 2200 then gradually falling off.
25. Gentle E.N.E. breeze 0300, overcast and gloomy. Moderate E. breeze 0900 backing N.E. 1800. Continuous rain, heavy at times, 0910 to 1535. Drizzle and rain 1740.
26. Continuous rain and drizzle to 0430, overcast gloomy and squally N.E. winds falling off 0430. Squally variable winds 0800. Very thin intermittent drizzle 0835 to 1600. N.N.E. airs 1022, gentle E by N. breeze 1122, sudden squall at 1349 falling off 1355 backing N.E.'ly Light to gentle E. breeze 1900. A-cu clouds observed during late afternoon and patches of blue sky. Maximum wind velocity 28 miles per hour from E. by N. at 1352.
27. Wind increased force 4 0140 falling off to force 3 after 0650. Squally wind force 2/4 after 1350, mainly E'ly. Thin intermittent drizzle 0530 to 1030. Overcast and gloomy all day. Intermittent drizzle and rain 1525.
28. Early morning overcast, gloomy and intermittent drizzle. Squally wind force 3/6, mainly E'ly all day, moderating 2145. Moderate rain 1712 to 2112, thence intermittent rain. Maximum wind velocity 29 miles per hour from E. by N. at 1415.
29. Intermittent rain to 0320. Squally E. winds in early morning gradually increasing backing N.E. falling off 0535 to variable airs to calm. Light to gentle N.E'ly breeze 0930, veering E.N.E. 1156 and to E. 1740, backing N'ly 1954, veering E. 2215. Intermittent rain and drizzle 1950.
30. Intermittent drizzle to 0320 then cloudy. Light to gentle E. breeze backing N.E'ly 0530, increasing 0836 to force 4/5 squally, backing N.E. variable 1100, veering E. 1400, backing N.E. 2048 falling off force 2/3 2140. Overcast gloomy and passing showers 1100 to 1350. Cloudy to overcast night and passing showers 1945.
31. Light N.E'ly breeze in early morning and cloudy. Passing showers to 0510. Squalls force 4/5 at 0400 and 0500 Gentle to fresh gusty E.N.E. breeze 0906 gradually falling off after 1620 backing N.E. Half to 3/4 cloudy all day and night, passing showers at 1300 and 1918.

ADDITIONAL NOTES.

The first five days were generally fine and from then on it was wet, humid, gloomy and miserable, but fairly cool after the 11th. Rainfall was 10·73″ in excess of normal, whilst the mean temperature showed a deficiency of 0·6°. The average daily sunshine was 2·3 hours. For the 16 days, 13th to 29th, the total amount of sunshine was 1·1 hours, making the average for that period 0·07 hours.

METEOROLOGICAL OBSERVATIONS TAKEN AT SUVA, FIJI,

DURING

JUNE, 1934.

JUNE.

Day.	Air Pressure at Mean Sea Level in the Units of Measurement.		Temperature (degrees F).										Humidity.					
			In Screen.						In Open.		In Ground.							
			Dry.	Wet.	Dry.	Wet.	Max.	Min.	Grass Min. Eve. to Morn.	Max. in Sun Black Bulb in vacuo.	I		Dew Point.		Vapour Pressure.		Percentage.	
	I	II	I		II						1 foot.	4 feet.	I	II	I	II	I	II
			Tenths.				Whole Degrees.				Tenths.							
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
	in.	in.	°	°	°	°	°	°	°	°	°	°	°	°	mb.	mb.		
1	30·010	29·938	76·0	72·4	76·8	72·8	79	71	67	126	74·2	76·0	71	71	25·7	26·0	83	82
2	29·982	29·903	76·6	73·0	81·4	73·0	83	68	65	142	74·3	76·3	72	68	26·6	23·5	83	66
3	29·915	29·856	77·2	74·0	81·2	75·0	83	70	66	143	74·8	76·9	73	72	27·3	27·0	86	74
4	29,889	29·799	74·4	72·2	83·4	77·4	87	69	66	149	75·1	77·0	71	74	25·9	29·0	89	76
5	29·937	29·856	75·4	74·2	79·0	75·2	80	74	72	138	76·1	77·1	74	73	28·2	27·9	94	83
6	29·990	29·910	74·8	74·2	76·4	74·2	77	73	70	106	76·5	75·9	74	73	28·9	27·8	97	90
7	30·006	29·926	76·9	74·1	78·0	73·8	82	74	72	138	76·2	77·2	73	72	27·3	26·9	87	81
8	29·964	29·890	76·8	73·8	78·0	73·0	81	73	71	140	76·3	77·4	73	71	27·3	25·5	86	78
9	29·994	29·906	75·0	70·8	76·2	72·0	77	72	69	101	76·0	77·4	69	70	24·1	25·0	80	81
10	30·013	29·916	76·0	71·0	75·3	71·4	79	74	70	118	76·2	77·2	68	69	23·7	24·1	78	82
11	29·900	29·831	78·1	74·1	81·0	78·6	88	73	69	144	75·7	77·4	72	77	26·9	32·2	82	90
12	29·896	29·823	79·6	75·0	83·0	76·0	84	74	70	143	76·8	77·6	74	73	28·2	27·5	80	71
13	29·933	29·879	75·0	74·3	77·0	74·0	78	73	69	108	76·9	77·4	74	73	28·9	27·3	97	86
14	30·021	29·979	73·0	71·2	74·2	69·0	75	71	68	113	76·2	77·4	70	66	25·0	22·0	91	76
15	30·058	30·008	72·4	67·0	75·0	67·4	76	70	67	108	75·1	77·2	63	63	19·8	19·7	74	65
16	30·048	29·982	70·6	68·0	76·0	70·0	80	64	61	141	74·0	77·3	67	67	22·7	22·4	87	73
17	30·015	29·962	72·4	71·0	79·0	75·0	82	68	65	142	75·0	77·0	70	73	24·8	27·9	93	82
18	30·025	29·958	76·6	73·0	78·0	73·4	80	72	68	132	75·0	77·0	72	71	26·6	26·2	83	80
19	30·003	29·929	77·8	73·0	78·8	72·8	82	71	67	143	75·1	77·0	71	70	25·5	25·1	79	74
20	29·968	29·883	74·8	72·8	78·1	74·1	78	70	66	113	75·1	77·0	72	72	26·8	26·9	90	82
21	29·919	29·850	74·2	72·6	79·7	74·5	81	71	67	123	75·1	77·0	72	73	26·6	27·4	92	78
22	29·933	29·839	76·0	73·2	77·4	73·6	80	73	69	132	75·7	77·0	72	71	26·4	26·0	87	83
23	29·951	29·868	71·8	70·4	74·4	69·2	75	70	68	131	75·6	77·0	70	66	24·8	22·0	93	76
24	29·976	29·919	71·6	70·0	72·8	69·2	75	69	68	128	75·2	77·0	70	68	24·8	23·1	92	82
25	30·028	30·001	73·4	67·4	77·4	67·2	79	69	66	137	74·5	77·0	63	61	19·9	18·2	72	57
26	30·101	30·031	73·6	67·8	74·8	66·8	79	71	63	142	74·8	77·1	64	62	20·7	19·0	73	64
27	30·056	29·955	76·4	69·8	76·6	69·6	78	71	67	131	73·8	77·0	66	66	21·7	21·9	71	69
28	29·964	29·876	74·3	71·1	79·2	72·4	82	67	63	143	73·4	76·6	69	68	24·6	23 7	85	71
29	29·918	29·853	74·0	70·6	75·0	72·0	78	66	63	136	74·0	76·7	69	71	23·9	25·5	84	86
30	29·942	29·861	74·0	70·6	75·0	71·0	80	70	68	143	74·8	77·0	69	69	23·9	24·1	84	81
Totals.	899·355	897·187	2248·7	2152·6	2328·1	2173·6	2,398	2,121	2,020	3,934	2257·5	2310·1	2,107	2,093	757·5	750·8	2,552	2,319
Means.	29·979	29·906	75·0	71·8	77·6	72·5	79·9	70·7	67·3	131·3	75·3	77·0	70·2	69·8	25·3	25·0	85·1	77·3

METEOROLOGICAL SUMMARY FOR MONTH OF JUNE, 1934.

Highest Pressure—30·101 at 8.30 a.m. on 26th.
Lowest Pressure—29·799 at 3.30 p.m. on 4th.
Highest Temperature in Shade—88° on 11th.
Lowest Temperature in Shade—64° on 16th.
Mean Daily Range—9·2°.
Greatest Range—18° on 4th.
Least Range—4° on 6th and 14th.
Mean Temperature for Month—75·3°.
Greatest Humidity—97° at 8.30 a.m. on 6th and 13th.
Least Humidity—57° at 3.30 p.m. on 25th.
No. of Days of—Rain, 19; Hail, 0; Thunderstorms, 0; Fog, 0; Gales (force 8 or more), 0.
Rainfall—Total, 3·20″; Average, 6·55″ for 50 years; Difference from normal, -3·35″; Greatest fall in 24 hours, 0·58″ on 8th.

VISIBILITY SUMMARY—No. OF CASES OF

Hour.	X	A	B	C	D	E	F	G	H	I	J	K	L	M
8.30 a.m.	0	0	0	0	0	2	0	0	1	1	3	8	11	4
3.30 p.m.	0	0	0	0	0	0	0	0	0	0	2	9	17	2

Standard Distance of Objects used for Estimate of Visibility:—X—Nil, A—27 yards, B—55 yards, C—110 yards, D—220 yards, E—550 yards, F—1,100 yards, G—1¼ mile, H—2½ miles, I—4⅓ miles, J—6¼ miles, K—12½ miles, L—18¾ miles, M—31 miles.

AMOUNT OF CLOUD.

Hour.	Number of cases of total cloud amount of.				
	0	1/3	4/6	7/9	10
8.30 a.m.	0	1	8	16	5
3.30 p.m.	0	2	5	18	5

JUNE.

Wind Direction and Force (Beaufort Scale). I		II		Weather (Beaufort Letters). At time of Observation I.	During day 1 to 2.	At time of Observation II.	During night II to I.	Cloud. Amount (0–10) I	II	Form. I	II	Direction whence coming. I	II	Amount of Rain. 7 hours during day measured at 15h. 30m.	17 hours measured next morning at 8h. 30m.	Sunshine. Hours and tenths.	Visibility. I	II	State of Ground. I	II	Day.
(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	
Dir.	Fc.	Dir.	Fc.											ni.	in.						
N.E.	3	N.E.	4	cjp	bc,cpq	Cpq	cpq,bc	7	8	cu/cu-nb	cu/cu-nb	N.E.	N.E.	0·08	Trace	4·2	J	J	2	2	1
N.	1	N.E.	3	bc	bc,b	b	b,bc,c	6	3	st-cu	cu	N.N.E.	N.N.E.	..	Trace	8·4	K	K	2	2	2
N.N.E.	1	N.E.	3	c	c,bc	bc	bc,bw	8	4	st-cu	st-cu	N.W.	N.W.	..	Trace	7·6	K	L	2	2	3
N.N.E.	1	N.E.N.N.	2	b	b,bc	bc	cp,ogv	3	4	ci/st-cu	s-cu/cu/cu-n	N.N.W.	N.W./N	..	0·11	5·6	L	K	2	1	4
N.N.E.	1	E.N.S.	2	ogv	cp,ov	ov	cv,orRg	10	9	nb	cu-nb/nb	N.W.	N.	0·02	0·47	2·7	M	M	2	1	5
E.S.E.	3	E.S.E.	4	oqgR	oqgRr	og	ogir	10	9	nb/st	nb	S.E.	E.	0·24	0·19	0·0	E	K	2	2	6
E.	2	E.S.E.	4	og	og,c	0jp	c,od,bc	9	9	cu-nb/nb	cu-nb/nb	E.	E.	Trace	0·04	3·4	L	K	2	2	7
E.	2	E.N.S.	3	c	c,bc,o	o	c,oirRqg	8	9	cu/cu-nb	cu-nb/nb	E.	E.	Trace	0·58	5·1	J	L	2	2	8
E.	2	E.N.S.	3	ogjrq	c,odg	og	od,g	9	9	nb	cu/cu-nb	E.	N.E.	0·02	0·01	0·3	L	L	2	2	9
E.	3	E.N.E.	3	og	og	odg	og,ir,cv	10	10	cu-nb/nb	a-st	E.N.E.	E.	0·01	0·16	0·1	L	L	2	2	10
N.N.E.	2	S.W.	2	cv	cv,bc	c	cl,bc	8	8	ci/ci-s/f-cu	ci/a-cu/cu-n	w/?	W/W/SW	..	..	5·2	M	L	2	1	11
N.	1	S.E.	1	bc	bcv,c	c	cl,ogdrm	5	7	ci/a-cu/s-cu	st-cu/cu-nb	W/N/N	W/W	..	0·10	8·4	L	L	1	1	12
S.W.	1	S.S.W.	3	ogdm	ogdrm	og	og,bc,oqdr	10	10	nb/st	a-st	S.W.	N.W.	0·22	0·33	0·0	E	L	2	2	13
W.S.W.	3	S.W.	4	ogq	og,rd	ogq	ogq,v	10	10	nb/st	nb/st	W.S.W.	S.W.	0·05	..	0·4	J	L	2	2	14
S.E.	2	S.E.	3	ogv	ogv	ogv	ogv,c,b	9	9	st-nb	st-cu	S.E.	S.E.	..	..	0·2	M	M	2	1	15
N.	1	E'ly	3	cv	cv,bc,b	b	bc,cr	8	3	st-cu	cu	W.N.W.	S.E.	..	0·02	4·1	M	L	1	1	16
Calm	0	E.	4	bc	bc	bc	bc,c	6	5	ci-cu/cu/nb	cu/cu-nb	NW./SE.	E.	..	..	6·9	L	L	1	1	17
E.N.E.	3	E.	3	c	C,og	og	og,c,bc	8	9	cu/cu-nb	cu/cu-nb	E.	E.	..	Trace	2·9	K	K	1	0	18
N.E.	2	E.	3	bc	bc,c,oz	oz	oz,c,d	6	9	ci/a-cu/cu/cu	st-cu/cu	W/W/NE	W/E.	..	0·02	6·1	K	J	0	0	19
N.E.N.N.	1	N.N.E.	2	o	o,d	o	o,bc	9	9	st-cu/cu	ci-st/cu/cu-n	W/NE.	SW/NE.	0·02	Trace	0·0	K	K	5	5	20
Calm	0	N.E.	2	o	o	o	o,bc,od	9	9	a-st/cu	a-st/cu	W/NE.	NW/NE.	..	0·01	0·9	K	K	5	0	21
S.S.E.	2	S.S.E.	3	bc	bc,c,o	o	c,od	6	9	cu/cu-nb	s-cu/cu/cu-n	S.E.	SE/SE.	..	0·06	5·2	L	L	5	0	22
W.N.W.	1	E.S.E.	2	o	c,og	og	ogd,id	9	10	nb/st	a-st	S.	S.E.	Trace	0·03	1·5	I	L	1	5	23
N.N.W.	1	S.E.N.E.	2	oidg	oidg	og	ogid,c	9	10	nb/st	cu-nb/nb	S.S.E.	E.S.E.	0·06	0·24	0·3	H	L	1	1	24
E.S.E.	3	E.S.E.	3	c	c,bc	bcy	bc,c,og	7	6	st-cu/cu/cu-n	cu/cu-nb	-/E.S.E.	E.S.E.	..	Trace	4·3	L	L	1	1	25
E.S.E.	4	E.	4	og	og,c	c	c,bc	9	7	cu-nb/nb	cu/cu-nb	E.S.E.	E.	Trace	..	2·3	L	L	1	0	26
N.E.	2	E.N.E.	3	bc	bc,c,og	og	og,c,bw	5	9	cu/cu-nb	st-cu	E.N.E.	E.N.E.	..	..	3·2	K	K	0	0	27
N.N.E.	1	E.	2	bc	bc,c	c	c,bc,bw	4	8	ci/cu	ci/ci-st/st-cu	SW/NE.	W/W.	..	Trace	6·4	L	L	5	0	28
Calm	0	S.S.E.	4	bc	bc,c,o	o	ord,c	5	9	ci-st/cu	cu/cu-nb	E/E.	S.E.	..	0·11	6·2	K	K	5	0	29
E.S.E.	1	E.N.S.	3	o	c,bc	bc	c,og	9	5	ci-cu/cu-n/n	cu	W/E.	E.	Trace	Trace	3·1	L	L	1	0	30
...	..	...	..	...	...	...	...	231	235	...	...	...	...	0·72	2·48	100·0	..	..	..	..	Totals
...	..	...	..	...	...	...	...	7·7	7·8	...	...	...	...	..	..	3·3	..	..	..	.	Means

WIND SUMMARY.

	Force 8 or more.	4/7.	1/3.	Calms.	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.
8.30 a.m.	0	1	26	3	5	4	4	0	5	4	1	1	0	0	1	1	0	1	0	0
3.30 p.m.	0	7	23	0	0	1	5	2	10	4	3	2	0	1	2	0	0	0	0	0
	0	8	49	3	5	5	9	2	15	8	4	3	0	1	3	1	0	1	0	0

Prevailing Direction, E.; 8.30 a.m., N.; 3.30 p.m., E.

KATA THERMOMETER OBSERVATIONS IN "SCREEN."

Time of Observation between 9h. and 9h. 30m. F. 464.

JUNE, 1934.

Date.	Cooling Power. Dry Kata.	Wet Kata.	Date.	Cooling Power. Dry Kata.	Wet Kata.
1	7·1	19·3	16	5·2	15·2
2	4·5	15·0	17	..	...
3	4·3	15·5	18	5·1	14·9
4	..	...	19	6·1	18·6
5	4·6	16·0	20	5·4	15·5
6	5·7	15·0	21	5·3	15·5
7	5·7	15·7	22	5·0	15·2
8	5·5	19·7	23	5·9	14·1
9	4·8	13·3	24	5·2	16·0
10	..	...	25	6·0	23·2
11	3·5	10·2	26	7·6	17·2
12	4·1	12·9	27	6·9	23·2
13	5·7	15·5	28	4·7	15·0
14	7·0	17·8	29	4·6	12·9
15	5·8	14·1	30	5·6	17·2
Totals	..	...	..	146·9	433·7
Means	..	...	..	5·4	16·1

WEATHER DIARY—JUNE, 1934.

Date.

1. Half to three-quarter cloudy all day and night. N.E'ly winds in early morning increasing force 3/4, squally, gradually falling off after 1530. Light passing showers 1056 to 1532.
2. Light N.E. breeze in early morning falling off to N'ly airs to calm 0220. Half cloudy and fine all day and night. Wind gradually increased force 2/3 veering E., backing N.E. 1300 falling off 1620. Calm 1825.
3. Early morning cloudy and calm, N.N.E. airs 0600, increasing 0920 from N.E'ly gradually falling off after 1312 backing N.W'ly 1916, increasing force 4, falling off 2000 to N'ly airs to calm. Half cloudy after 1000.
4. N'ly airs to calm in early morning. Clear sky and dew. Variable N.N.E. breeze 0950 falling off and becoming variable 1715. Sky gradually covered 1600. Passing showers 1728 to 1900.
5. Early morning cloudy to overcast and gloomy and vari able N'ly airs. Passing showers 0250 to 0330. Unusual visibility during the day. Rainbow to W. 0900. Wind very gradually backed E'ly 1400 increasing force 2/3 falling off 1800, backing N.E. Passing showers 1210 to 1215. Rain 1710 to 1735. Cloudy to overcast night.
6. Overcast and gloomy all day. Calm in early morning. N'ly airs 0610 backing N.W. Squally E.S.E. breeze force 2/4 0825, steady moderate breeze 0900, very gradually falling off to force 3. Moderate to heavy rain 0745 to 0955. Intermittent rain 2040.
7. Intermittent rain to 0140, overcast and gloomy and gentle to moderate E. to E.S.E. breeze falling off to force 2/3, 0430, increasing force 3/4 0900 gradually falling off 1540 backing N.E. 2320. Cloudy to overcast all day and night.
8. Variable N.E. winds in early morning. Drizzle 0525 to 0555, then variable sky all day. E. breeze force 2 0800 increasing force 3 falling off 1738, becoming variable 2000. Gentle E.S.E. breeze 2320. Overcast night light to heavy intermittent rain 1905.
9. Intermittent rain to 0130. Moderate E.S.E. breeze 0005, falling to force 3 0400, backing E., variable and squally force 1/3, veering S.E. falling off 1200 backing N.W'ly veering E.S.E. force 3 1322, increasing force 4 1950, falling off to force 3 2245. Cloudy to overcast and gloomy all day, drizzle 1220 to 1240 and 1755 to 1800.
10. Gentle to moderate E.S.E. breeze in early morning gradually backing E. Overcast and gloomy all day. Wind backed E.N.E. 1350 and to N.E. 1542 falling off to force 2, increasing force 3 from N.N.E. 2248. Trace of rain at 1530. Light intermittent rain 1900 to 2230.
11. Wind increased force 4/6 0100 falling off 0500, backing and becoming variable. Calm 0845. Early morning cloudy to overcast and unusual visibility, N.E. airs 1012 increasing force 5 1102 from N. by W., gradually falling off rapidly, backing S.E. 1320, veering S.W. 1525, calm 1600. Light to gentle N.N.E. breeze 1756, backing N.W. variable 2252. Half cloudy morning, cloudy afternoon and night. Lightning 2120. Maximum wind velocity 27m. p.h. from N.N.E. at 0135.
12. Calm 0100. N'ly airs to calm 0420. Lightning to 0620. Half to three-quarters cloudy all day. Wind backed N.W. force 2/3, calm 1100 and unusual visibility. N'ly airs 1235 veering S.E. 1450, calm 1720, N.N.E. airs 2025. Lightning 1950 to 2300.
13. Early morning overcast, gloomy, misty and N'ly airs. Light S.W. breeze 0655 veering N.W. 0733 backing S.W. 0820. Rain and drizzle 0645 and poor visibility, to 1230 then calm. Light S.W. breeze 1455 backing S.S.W. force 3 1520, veering W. 1830 falling off backing N.W. and sky clearing. Moderate squally S.S.W. breeze 2345.
14. Variable squally breeze force 2/5, mainly S.W., after 0030. Overcast and gloomy all day, drizzle and rain 0102 to 0825 and 1258 to 1350. Gentle breeze 0800, increasing force 4/5 1250, squally, gradually falling to force 3 backing S. Maximum wind velocity 26 m.p.h. from S.S.W. at 0719.
15. Wind fell to force 2 0100 backing S.E. Overcast, gloomy and unusual visibility all day. Wind increased force 3, falling off 2200 backing N. 2302. Sky cleared 1800.

Date.

16. Early morning fine, cloudy, N'ly airs to calm and unusual visibility. Light to gentle variable E. breeze 1003, gradually falling off after 1600 backing N'ly. Half to quarter cloudy after 1000. Light rain 2248 to 2256.
17. Fine and half cloudy all day and night. Variable N.E. airs to calm in early morning increasing force 4 veering E., falling off 1700 backing N.E., increasing force 4 from E after 2100.
18. Early morning cloudy. Wind backed E.N.E. force 3 0420, backing N.E. force 1 0725, increasing force 3/4 from E'ly 0755 falling off 2200 backing N.E. Overcast and gloomy afternoon and night.
19. N.E. airs in early morning and cloudy. Wind increased 0800, veering E. falling off 1610 backing N.E., increasing and veering 2330. Half cloudy morning. Cloudy to overcast afternoon and night and slight haze.
20. Variable winds force 1/2 all day and overcast. Drizzle 0620 to 0630, 1022 to 1032 and 1220 to 1235. N.E. airs to calm after 1745 backing N.N.E. Half cloudy night.
21. N.N.E. airs to calm in early morning, and overcast all day. Wind increased force 2/3 0844 varying between N.E. and N., falling off 1612 backing N.W'ly 2030. Half cloudy evening with a-cu clouds, becoming completely overcast with St-cu 2130.
22. Early morning overcast, N.N.W. airs to calm, backing W.N.W. 0330 and to S.S.E. 0508, increasing force 3 0540. Drizzle 0800 to 0805, then half cloudy. Overcast afternoon and night. Trace of rain 2000. Wind backed S.E. 1600 falling off 2200 veering N.W. 2335.
23. Variable N.W. winds in early morning force 1/2 backing W.N.W. 0730 and to W.S.W. force 2/3 0830 then to S.S.W. 0856. Thin drizzle 0030 to 0505. Wind backed S.E. variable 1145. Variable airs to calm 1748. Cloudy to overcast and gloomy all day and night. Drizzle 2054 to 2100.
24. Variable airs to calm in early morning. Drizzle 0230 to 0315. Overcast and gloomy all day and night. Wind backed N.W. force 2 0845, rapidly backing N'ly after 0900, veering E. variable 1056, increasing force 3 from E.S.E. 1200, becoming variable force 1 after 1535. Intermittent drizzle 0825 to 2025. Wind increased force 3/4 from E.S.E. 2110.
25. Early morning cloudy and gentle to moderate E.S.E. breeze. Drizzle 0025 to 0030. Half cloudy during the day, cloudy to overcast night. Wind increased force 4/5 1800.
26. E.S.E. wind fell to force 3 0030 then gradually increasing force 4/5, very gradually backing E. Overcast and gloomy in morning, cloudy afternoon and night.
27. Early morning fine, half cloudy and moderate to fresh E. breeze falling off 0650 backing N.E. increasing 0850 force 3/4 veering E., backing E.N.E. 1445 falling off 1725 backing N.E. and to N.N.E. 1940. Overcast and gloomy afternoon. Cloudless sky after 2045.
28. Early morning fine, quarter cloudy, dew on grass and N.N.E. airs to calm. Light E'ly breeze 1130 backing N.E. 1648. Calm 1758. Cloudy afternoon, half to quarter cloudy night.
29. Early morning fine, clear sky, calm and dew on grass. Half cloudy 0745. Light S. by W. breeze 1040, gradually backing E.S.E. 1400, increasing force 4, falling to force 3 2025. Sky gradually covered after 1400.
30. Light to gentle E.S.E. breeze in early morning. Drizzle and rain 0000 to 0056 and 0350 to 0400. Rainbow to W. 0826. Half cloudy after 1030, covering again 1710 overcast night. Wind backed N.E. 0910 force 2, veering E. by S. force 3 1000, gradually falling off after 1730 backing N.E.

ADDITIONAL NOTES.

A fairly dry month and cloudy. Mean temperature was 0·50° in excess of normal.

On 7th from 0h. to 2h. barometer fell from 29·95″ to 29·79″, then sharp rise to 29·82″, then falling slowly to 29·80″.

Temperature fell rather rapidly from 72° at 22h. on 15th. to 64° at 2h. on 16th.

Heavy break on reef and noticeable swell in harbour on 21st, 22nd and 23rd.

METEOROLOGICAL OBSERVATIONS TAKEN AT SUVA, FIJI,

DURING

JULY, 1934.

JULY.

Day.	Air Pressure at Mean Sea Level in the Units of Measurement.		Temperature (degrees F.)										Humidity.					
			In Screen.						In Open.		In Ground.		Dew Point.		Vapour Pressure.		Percentage	
			Dry.	Wet.	Dry.	Wet.	Max.	Min.	Grass Min. Eve. to Morn.	Max. in Sun Black Bulb in Vacuo.	I							
	I	II	I		II						1 foot.	4 feet.	I	II	I	II	I	II
			Tenths.				Whole Degrees.				Tenths.							
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
	in.	in.	°	°	°	°	°	°	°	°	°	°	°	°	mb.	mb.		
1	29·949	29·837	72·6	71·0	76·8	73·0	78	69	66	107	74·7	77·0	71	71	25·7	26·0	92	83
2	29·810	29·786	75·0	73·6	70·6	69·2	76	72	70	100	75·0	76·7	73	69	27·5	24·0	93	93
3	29·853	29·808	71·6	69·4	77·8	73·4	79	68	66	136	73·4	76·6	69	71	24·2	26·2	89	80
4	29·939	29·907	73·0	71·2	72·0	70·2	74	71	68	103	74·8	76·3	70	69	25·0	24·2	91	91
5	30·032	29·971	71·0	70·0	74·0	70·4	75	69	68	131	74·5	76·3	69	69	24·6	23·9	95	83
6	30·042	29·970	74·0	71·4	76·4	72·8	78	70	67	126	74·4	76·3	70	71	25·2	25·7	88	83
7	30·006	29·930	76·5	74·1	76·2	75·0	80	73	69	129	75·0	76·2	73	75	28·0	29·2	89	94
8	30·072	29·969	77·8	74·2	75·4	74·0	80	73	70	129	75·2	76·3	73	73	27·6	27·5	84	93
9	29·991	29·867	75·2	74·2	74·0	73·8	78	74	71	102	75·3	76·3	74	74	28·2	28·7	95	99
10	29·978	29·904	75·6	73·2	81·0	75·4	82	71	69	142	74·7	76·0	72	73	27·1	27·7	89	76
11	30·005	29·942	74·6	73·8	77·0	75·0	82	71	68	148	76·3	76·2	75	74	28·2	28·8	96	91
12	30·039	29·953	74·9	72·3	76·9	74·1	79	72	70	133	75·8	76·3	71	73	26·2	27·3	88	87
13	30·008	29·940	76·0	73·0	78·8	74·0	81	73	70	138	75·8	76·5	72	72	26·4	26·5	86	79
14	29·986	29·914	76·0	72·2	77·0	74·0	80	73	70	124	75·8	76·1	70	73	25·0	27·3	83	86
15	29·933	29·881	72·2	71·6	77·0	71·4	79	70	69	118	75·4	75·8	71	68	26·1	23·9	97	75
16	29·949	29·854	72·0	70·6	74·0	71·0	77	70	67	139	75·3	76·3	70	69	24·8	24·6	93	86
17	29·904	29·842	72·5	67·7	73·6	67·4	76	68	64	138	74·9	76·3	65	64	21·2	20·7	77	71
18	29·968	29·923	71·6	63·6	73·9	74·1	75	69	63	141	73·9	76·0	58	57	16·8	15·9	63	56
19	29·999	29·913	69·8	64·6	73·4	64·2	77	63	58	150	73·1	76·1	62	58	18·9	16·4	74	59
20	30·000	29·917	70·0	64·0	75·0	66·0	78	63	58	142	72·8	75·9	60	60	17·7	17·8	71	60
21	29·944	29·885	74·0	68·0	77·0	69·0	82	66	61	144	72·9	75·9	64	64	20·7	20·7	72	65
22	29·993	29·897	72·6	70·0	80·0	73·0	82	67	62	140	73·3	76·0	69	69	24·4	24·6	87	70
23	30·036	29·932	74·2	69·0	78·8	71·8	81	72	68	135	74·4	76·0	66	68	22·0	23·7	76	70
24	30·013	29·929	70·0	68·8	74·0	68·8	74	69	67	108	74·6	76·0	69	66	23·8	22·0	94	76
25	30·004	29·935	69·6	68·0	73·8	68·6	76	67	66	133	73·8	76·0	68	66	23·1	22·0	92	76
26	29·984	29·862	72·2	68·6	76·0	70·4	77	69	63	139	73·4	76·1	66	67	22·2	23·0	82	75
27	29·888	29·805	72·8	68·2	77·1	72·3	79	64	61	139	73·2	76·0	66	69	21·8	24·6	78	79
28	29·845	29·795	74·0	69·0	73·4	70·0	77	65	61	143	74·0	76·2	66	68	22·0	23·1	77	84
29	29·949	29·913	72·8	65·0	73·0	66·0	74	71	65	142	74·0	75·8	60	62	17·5	18·7	64	67
30	30·040	29·976	70·0	66·8	74·4	65·4	78	66	63	139	73·3	75·4	65	59	21·3	17·1	84	60
31	30·054	29·963	70·8	67·4	77·0	68·0	78	65	59	131	73·3	75·7	65	63	21·4	19·4	83	61
Totals.	929·213	926·920	2264·9	2164·5	2345·3	2201·7	2422	2143	2037	4069	2306·3	2360·6	2112	2104	734·6	731·2	2622	2408
Means.	29·975	29·901	73·1	69·8	75·7	71·0	78·1	69·1	65·7	131·3	74·4	76·1	68·1	67·9	23·7	23·6	84·6	77·7

METEOROLOGICAL SUMMARY FOR MONTH OF JULY, 1934.

Highest Pressure—30·072″ at 8.30 a.m. on 8th.
Lowest Pressure—29·786″ at 3.30 p.m. on 2nd.
Highest Temperature in Shade—82° on 10th, 11th, 21st and 22nd.
Lowest Temperature in Shade 63° on 19th and 20th.
Mean Daily Range—9·0°.
Greatest Range—16° on 21st.
Least Range—3° on 4th and 29th.
Mean Temperature for Month—73·6°.
Greatest Humidity—99 per cent. at 3·30 p.m. on 9th.
Least Humidity—56 per cent. at 3.30 p.m. on 18th.
No. of Days of—Rain, 22; Hail, 0; Thunderstorms, 1; Fog, 0; Gales (force 8 or more), 0.
Rainfall—Total, 9·74″; Average, 5·25″ for 50 years; Difference from normal, +4·49″; Greatest fall in 24 hours, 4·30″ on 9th.

VISIBILITY SUMMARY—NO. OF CASES OF.

Hour.	X	A	B	C	D	E	F	G	H	I	J	K	L	M
8.30 a.m.	0	0	0	0	0	0	0	0	3	2	5	6	9	6
3.30 p.m.	0	0	0	0	0	0	1	2	0	3	1	4	13	7

Standard Distance of Objects used for Estimate of Visibility:—X—Nil, A—27 yards, B—55 yards, C—110 yards, D—220 yards, E—550 yards, F—1,110 yards, G—1¼ mile, H—2½ miles, I—4⅕ miles, J—6¼ miles, K—12½ miles, L—18⅘ miles, M—31 miles.

AMOUNT OF CLOUD.

Number of cases of total cloud amount of.

Hour.	0	1/3	4/6	7/9	10
8.30 a.m.	1	4	3	18	5
3.30 p.m.	0	3	6	16	6

JULY.

Wind Direction and Force (Beaufort Scale). I		Wind Direction and Force (Beaufort Scale). II		Weather (Beaufort Letters). At time of Observation I.	During day 1 to 2.	At time of Observation II.	During night II to I.	Cloud. Amount (0–10) I	II	Form. I	II	Direction whence coming. I	II	Amount of Rain. 7 hours during day measured at 15h. 30m.	17 hours measured next morning at 8h. 30m.	Sunshine. Hours and tenths.	Visibility. I	II	State of Ground. I	II	Day.
(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	
Dir.	Fc.	Dir.	Fc.											in.	in.						
Calm	0	E.X.N.	3	og	og,d	og	og,ir	10	9	st/nb	st-cu/cu/nb	N.	WNW/E	0·02	0·33	0·0	K	L	5	5	1
Calm	0	S.E.	4	og	ogRRqd	ogd	ogdrq	9	10	st/nb	st/nb	N.W.	S.E.	1·00	0·51	0·0	J	G	1	2	2
N.	1	S.S.W.	2	og	og,c,bcv	cv	c,ogidr	9	7	st/cu	ci/s-cu/cu-n	W.	WSW/S	..	0·22	6·4	M	M	2	2	3
S.Ely.	1	W.N.Wly	2	ogjr	ogidr	ogid	ogidr	9	9	cu-nb/nb	nb/st	S.E.	E.S.E.	0·05	0·18	0·0	J	G	2	2	4
E.N.E.	1	S.E.X.E.	2	oldg	org	og	og,c	10	10	nb/st	nb/st	E.	S.E.	0·11	Trace	0·3	H	L	2	2	5
N.	1	Ely.	3	c	c,o	c	c,od	8	8	st-cu/cu	st-cu/cu/nb	WNW/E	N.E./N.E	Trace	0·02	1·8	M	M	2	1	6
N.E.	3	N.E.	4	c	c,odg	og	og,c	7	10	cu/cu-nb	nb/st	N.E.	N.E.	0·01	..	3·6	J	I	1	1	7
E.N.E.	3	N.E.	3	cq	c,opqg	opqg	opqg	8	9	ci/cu/nb	ci/cu-n/n	W/ENE.	SW/NE.	0·09	0·02	3·3	K	I	1	2	8
E.N.E.	1	N.E.	3	og	ogdRRtl	ogRRt	ogRRtlrd,c	10	10	nb/st	nb/st	N.E.	N.E.	1·00	3·30	0·0	I	F	2	2	9
Calm	0	N.E.	2/3	c	c,bc	bc	bc,c,or	7	6	st-cu/cu/st	ci-cu/cu/nb	N.W/-	-/N.E.	..	0·07	4·2	M	L	2	2	10
N.	1	S.E.X.E.	3	or	or,c,bc,og	ogjr	od,cp	9	9	cu-nb/nb	nb/st	S.E.	S.E.	0·02	0·02	3·6	H	I	2	2	11
S.E.	3	E.S.E.	4	op	op,c	ojp	o,cp	9	9	cu-nb/nb	cu-nb/nb	E.S.E.	E.S.E.	0·05	0·04	1·7	J	K	2	2	12
E.X.S.	4	E.S.E.	4	ojp	op,c	c	o,cp	9	7	cu/nb	cu/nb	E.	E.S.E.	0·01	0·02	5·4	J	J	2	2	13
E.X.S.	2	E.S.E.	3	c	c,o	o	op,RRqg	8	10	ci/cu/nb	cu/cu-nb	WNW/E	E.	Trace	1·39	1·2	L	L	2	2	14
Calm	0	E.	3	og	ogv	ogv	ogv,pq	10	9	nb/st	a-cu/s-cu/n	E.	W/E.	..	0·05	0·3	K	M	2	2	15
S.E.	1	S'ly.	3	og	og,bc,cpq	cpq	cpq,o,bc	9	8	nb/st	cu-nb/nb	S.E.	S.E.	0·05	Trace	5·1	L	L	2	2	16
W.	3	S.X.E.	3	bc	bc,cp	c	c,bc,b	6	7	cu/cu-nb	cu/cu-nb	S.S.W.	S.S.E.	0·03	Trace	5·0	M	M	2	2	17
S.S.E.	3	S.X.E.	3	b	bv,bc,c	cvy	cv,bc,bw	3	7	cu/cu-nb	s-cu/cu/cu-n	S.S.E.	S.S.E.	..	Trace	7·3	M	M	1	1	18
N.	1	E.	3	b	b,bc,c	cy	c,b,bc	3	8	fr-cu/cu	st-cu	S.E.	W.	..	..	5·2	L	L	5	0	19
N.N.E.	1	E.N.E.	3	c	c,b,bc	bcy	bc,bw	7	4	st-cu	cu	W.	N.E.	..	..	6·7	L	M	0	0	20
N.N.E.	2	N.E.X.E.	3	b	b,bc	bc	bc,w	2	4	ci-cu	ci-cu ..	W.	N.W.	..	..	8·1	K	L	5	0	21
N.	1	E.S.E.	3	bc	bc,b	b	b,bc,oP,c	4	1	a-cu	cu	W.	E.	..	0·06	9·5	L	L	5	0	22
S.E.	2	S.E.	2	o	o,c,b	b	b,c,ogdr	9	2	cu/nb	cu	S.E.	E.S.E.	..	0·23	6·6	M	M	5	0	23
N.N.E'ly	1	E.S.E.	1	ogr	ordg	og	ogir	10	10	nb/st	nb/st	E.S.E.	E.S.E.	0·24	0·39	0·0	H	K	1	1	24
N.N.E.	2	E.S.E.	3	ogjr	og,cp	og	ogp,c	9	9	cu-nb/nb	cu/nb	E.S.E.	E.S.E.	0·14	0·03	1·0	L	K	2	2	25
E.N.E.	2	E.	3	cjp	cjp,bc	bc	bc,c,w	8	5	cu-nb/nb	cu/cu-nb	E.N.E.	E.N.E.	Trace	Trace	4·7	K	K	2	1	26
Calm	0	S.W.	4/5	b	b	b	b,c,bw	0	2	...	a-cu-cas	...	W.	..	..	9·4	L	L	1	0	27
W.X.S.	4	S.W.	5	b	c,bc	bc	bc	3	5	a-cu-cas	ci-cu/cu	W.S.W.	-/S.W.	..	..	8·3	K	L	5	0	28
S.S.W.	3	S.	3	bc	bc,c,o	o	o,c	5	9	fr-cu/cu	a-st	S.	S.	..	..	3·3	L	L	0	0	29
N.	1	E.S.E.	3	c	bc,c	cy	bc,cq	7	8	st-cu/cu	a-cu	N.E/N.E.	N.W.	..	Trace	4·8	L	L	0	0	30
N.E.	1	E.X.N.	4	cq	cq,or,bc	bc	bc,b	7	5	cu/cu-nb	ci-cu/cu	E.N.E.	W/N.E.	0·04	..	3·7	L	L	5	0	31
...	..	...	..	...	...	...	...	224	226	...	...	...	...	2·86	6·88	120·5	..	..	..	..	Totals
...	..	...	..	...	...	...	...	7·2	7·3	...	...	...	...	..	..	3·9	..	..	..	..	Means

WIND SUMMARY.

	Force 8 or more.	4/7	1/3	Calms.	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.S.W.
8.30 a.m.	0	2	24	5	6	4	2	4	2	0	4	1	0	1	0	0	2	0	0	0
3.30 p.m.	0	7	24	0	0	0	5	1	6	7	4	0	4	1	2	0	0	1	0	0
	0	9	48	5	6	4	7	5	8	7	8	1	4	2	2	0	2	1	0	0

Prevailing Direction, E.S.E.; 8.30 a.m., N.; 3.30 p.m., E.S.E.

KATA THERMOMETER OBSERVATIONS IN "SCREEN."

Time of Observation between 9h. and 9h 30m. F. 464.

Date.	Cooling Power. Dry Kata.	Wet Kata.	Date.	Cooling Power. Dry Kata.	Wet Kata.
1	4·8	14·5	17	6·3	17·8
2	4·2	11·6	18	6·3	19·3
3	4·8	12·7	19	5·3	16·0
4	4·3	11·9	20	5·7	16·0
5	6·0	14·5	21	5·3	20·2
6	5·5	15·5	22	4·1	12·1
7	6·8	21·1	23	4·1	15·2
8	6·6	18·6	24	5·5	13·3
9	5·5	16·6	25	6·0	15·5
10	4·2	13·1	26	7·7	22·1
11	4·5	13·3	27	4·2	12·2
12	4·9	15·2	28	10·4	25·8
13	5·0	17·2	29	...	...
14	6·4	15·5	30	5·2	15·5
15	4·7	12·5	30	6·6	20·6
16	4·8	12·5			
Totals	..	..	..	165·7	477·9
Means	..	..	..	5·5	15·9

WEATHER DIARY—JULY, 1934.

Date.

1. Early morning overcast, gloomy and N.N.E. airs to calm. Light variable E. breeze 0910, increasing force 3, gradually falling off after 1648, backing N'ly 1906. Drizzle 1102 to 1112. Intermittent rain 1830.
2. N.N.E. airs to calm in early morning and gloomy, intermittent rain to 0402. Rainbow to W. 0820. Heavy rain 0900 to 1100 thence drizzle and rain. Squally S.E. breeze force 4/6, gusts force 7, 1008, moderating 1300, becoming variable and squally force 1/3 after 1730. Maximum wind velocity 34 m.p.h. (force 7) from S.E. at 1142.
3. Drizzle and rain to 0200 then wind veered N'ly force 0/2, overcast and gloomy, clearing 1000. Unusual visibility during afternoon, cloudy night. S.W.'ly winds force 1/2 0948 backing S.S.W. 1300, veering N.W.'ly 1745, calm 1906.
4. S.W. winds force 1/3 0045 and intermittent drizzle and rain all day and night and gloomy. Wind backed N. variable after 0220 veering S.E.'ly 0745 and to W'ly 0902, backing S.E. variable 0928. Calm 1350. Variable winds force 1/2 mainly N.W.'ly 1512.
5. Variable N'ly winds force 1/2 in early morning veering S.E.'ly after 0400, backing N.E. 0730. Intermittent drizzle and rain to 0835. Wind gradually veered S.E. after 1000 force 2/3, backing N.E. 1300, veering S.E. 1500, backing N.E. 1900, falling off 2012. Calm 2315 Light rain 1058 to 1258. Cloudy to overcast and gloomy all day and night.
6. N'ly airs to calm in early morning and cloudy to overcast all day. Wind veered E'ly force 2/3 0920, backing N.E. 1220, veering 1350, backing N.E. 1618, falling off 1720. Light N.E. breeze 2100. Drizzle 1948 to 1956 and 2048 to 2100.
7. Early morning fine cloudy and light N.E. breeze gradually increasing force 4/5 gradually falling off 1430. Overcast and gloomy afternoon and night. Drizzle 1515 to 1520.
8. Trace of rain at 0220. N.E. to E.N.E airs in early morning force 1/2, increasing 0700 gradually to force 3/5 squally. Light to gentle N.E. by N. breeze 1600. Cloudy to overcast and gloomy all day. Passing showers 1220 to 1630.
9. E.N.E. airs 0430. Passing showers at 0631. Early morning overcast and gloomy. Light to gentle N.E. breeze 0910 increasing force 3/4 1200, falling off 1600 to variable winds force 1/3. Drizzle 1040. Very heavy rain 1418 to 1915 thence occasional light rain and drizzle to 2320. Distant thunder storm 1500 to 1930.
10. Early morning fine cloudy and variable airs. Light N.N.E. breeze 0258, calm 0750. S'ly airs 1052 increasing force 2/3, backing N.E. 1028, falling off 1640. Half cloudy afternoon and night, covering 2200. Wind increased force 2, 2230, and trace of rain, falling off 2300.
11. Early morning overcast and variable N'ly airs to calm. Rain 0820 to 0835. Light to gentle S.E. breeze 0845, increasing force 3/4 1200. Half to quarter cloudy after 0930, overcast and gloomy afternoon and night, drizzle 1315 to 1318 and 1540 to 1550. Wind increased force 4/5 at 2000.
12. Gentle to moderate E.S.E. breeze in early morning, veering S.E. 0618. Cloudy to overcast and light passing showers 0825 to 1910. Wind backed E.S.E. 0900 increasing force 4 1318 and to force 5 1706, falling off to force 3 2250.
13. Cloudy to overcast all day and night. Gentle E.S.E. breeze in early morning gradually increasing force 4 after 0500 from E. by S., veering E.S.E., falling to force 3 1600. Light passing showers at 0412, 1035, 2048 and 2212.
14. Cloudy to overcast all day and night. Shower at 0632. Wind backed E'ly 0350 increasing force 3 0900 veering E.S.E. 1100. Trace of rain at 0837. Heavy shower at 2054 lasting about 45 seconds.
15. Wind fell to force 1 0110 backing N'ly 0200. N.W'ly airs force 1/2 0425 and very heavy rain to 0520 thence light rain to 0600. Squall 16 m.p.h. at 0508 thence variable W.N.W. airs to calm and gloomy. Light to gentle E'ly breeze 1025 gradually veering S.E. after 1855. Unusual visibility during the day, overcast night.
16. Gentle S.E. breeze in early morning, overcast and gloomy, gradually falling off backing N.N.E. 0645. Moderate squall from S.S.E. 0745 rapidly falling off 0810, backing S.E., increasing 0910, veering S.S.E. Passing showers 0712 to 1535. Wind backed E.S.E. 1246, squall at 1330 force 4, veering S.S.E. 1322 and to S.S.W. squally 1442, backing S.S.E. 1515. Steady wind force 4 1548, gradually falling to force 3 after 2005. Half to three-quarter cloudy during the day, overcast night.
17. Wind backed N'ly 0140 force 1/2 and N.W'ly 0440. Gentle W. breeze 0810 backing S'ly 0913 force 3/4. Early morning fine, half cloudy. Passing shower 1345 to 1350. Cloudy afternoon, half cloudy night.
18. Early morning fine, clear sky and moderate S'ly breeze falling to force 3, backing S.S.E., increasing force 4 0900, then gradually falling to force 3, backing S.E. 1800. Unusual visibility during the day, cloudy afternoon and night. Trace of rain at 1652.
19. Wind backed N'ly 0125 force 1/2, veering E'ly at 0410, 0530 and 0900 increasing force 3. Early morning fine, clear sky and dew on grass. Wind fell to force 2 1800, backing E.N.E. and to N'ly 2125. Cloudy during the day, cloudless 1900 to 2000, then half cloudy.
20. N. to N.N.E. airs to calm in early morning and cloudy. Wind increased force 3/4 from N.E. veering E.N.E., gradually falling off after 1510 backing N.N.E. Half cloudy afternoon, clear night, cloudless at times.
21. Early morning fine, clear sky, light N.N.E. breeze and dew on grass. Wind increased force 3 gradually veering E'ly, backing N.E'ly 1513, gradually falling off backing N'ly 1945. Half cloudy afternoon and night.
22. N'ly airs in early morning, half cloudy and dew on grass. Light to gentle E.S.E. breeze 1200, falling off 1715. Clear sky during the day. Very brilliant lunar corona 1850 gradually fading 1905 and sky covering. Moderate S.E. breeze 2213 and heavy shower to 2221.
23. Heavy shower 0035 to 0038. Moderate S.E. breeze in early morning, cloudy to overcast and excellent visibility. Wind gradually fell to force 2/3, increasing force 4 1900. Sky cleared 0930, covering again 1730. Trace of rain at 2015.
24. Early morning overcast and gloomy and gentle to moderate S.E. breeze. Rain 0358 to 0403. Wind fell to force 1/2 0535, backing N'ly, veering S.E. force 2/3 0730, rapidly backing N'ly 0815. Drizzle and rain 0652 to 1050. Intermittent rain 1735. Light variable winds all day.
25. Light intermittent rain to 0810. Early morning overcast, gloomy and light variable winds mainly N.N.E. Rainbow to W. 0822. Wind gradually veered E.S.E. increasing force 3 and to force 4 1845. Passing showers 1320 to 1910. Cloudy to overcast night.
26. Wind backed E., falling to force 3, backing E.N.E. force 2 0550. Trace of rain at 0835. Part rainbow to S.S.W. 0844. Gentle to moderate E. breeze 1000, falling off 1600, backing E.N.E. and to N'ly 2004. Cloudy morning, half cloudy afternoon, covering 1700. Sky cleared almost suddenly at 1930.
27. N'ly airs to calm in early morning, dew on grass and cloudless sky. Light S.S.W. breeze 0948 increasing force 4/5 1312 and very gradually veering N.W., gradually falling off 1940 and sky covering, clearing about 2130.
28. Early morning fine, clear sky, dew on grass and N.W. airs backing N'ly. Gentle W. by S. breeze 0750, increasing force 4 0822 and sky gradually covering. Wind gradually backed S.W. 1100 increasing force 5, and half cloudy, veering W. 1820 and to W.N.W. 2140, falling to force 3. Half cloudy night.
29. Wind backed S.S.W. force 4 0212, gradually falling to force 3, backing S 0900. Early morning fine, half cloudy, gradually covering during the day. Wind backed S.S.E. 1620 force 1/2.
30. Wind backed N. force 1 0135, backing S.E. 0920, then to E.S.E. increasing force 3, gradually falling off after 1500, backing E. 1800 and to N. 1922. Half to three-quarter cloudy all day.
31. N'ly airs in early morning and cloudy. Wind veered N.E. force 1/3, squally 0730, and trace of rain, falling off 1000, increasing force 3/4 from E. 1012. Rain 1025 to 1040, then half to three-quarter cloudy. Clear sky at night. Wind backed N.E. 1730 falling off.

ADDITIONAL NOTES.

A wet month, rainfall being 4·49″ in excess of normal. Rain fell on first 17 days between, 22nd and 25th, and on 31st. Very heavy rain to the extent of 4·30″ fell on 9th, 1·72″ falling in one hour, 1600 to 1700.

On the 1st and 2nd of the month there was a heavy break on the reef and noticeable swell in the harbour.

1·24″ of rain fell in 55 minutes on 15th, 0425 to 0520.

Mean temperature was 0.1° F. above normal.

METEOROLOGICAL OBSERVATIONS TAKEN AT SUVA, FIJI,

DURING

AUGUST, 1934.

AUGUST.

Day.	Air Pressure at Mean Sea Level in the Units of Measurement.		Temperature (degrees F.)										Humidity.					
			In Screen.						In Open.		In Ground.		Dew Point.		Vapour Pressure.		Percentage.	
			Dry.	Wet.	Dry.	Wet.	Max.	Min.	Grass Min. Eve. to Morn.	Max. in Sun Black Bulb in Vacuo.	1 foot.	4 feet.						
	I	II	I		II						I		I	II	I	II	I	II
			Tenths.				Whole Degrees.				Tenths.							
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
	in.	in.	°	°	°	°	°	°	°	°	°	°	°	°	mb.	mb.		
1	30·041	29·964	76·0	70·0	78·2	70·0	80	68	62	148	73·2	76·0	67	66	22·4	21·5	73	65
2	30·032	29·971	73·2	67·2	74·4	67·6	78	70	64	145	73·5	76·0	63	63	19·9	19·5	72	69
3	30·040	29·973	74·8	68·2	79·0	70·4	80	64	60	140	73·1	76·0	65	66	20·9	21·7	70	63
4	30·076	30·019	71·2	68·0	75·9	66·9	76	69	66	114	73·7	76·0	66	61	22·0	18·6	84	61
5	30·096	30·002	75·0	67·9	76·0	68·8	78	70	65	133	73·3	76·0	64	65	20·3	21·1	68	68
6	30·034	29·921	72·8	68·6	75·4	68·0	79	67	62	135	73·0	76·0	67	63	22·4	19·7	79	67
7	29·929	29·816	76·3	71·7	79·0	72·0	81	70	65	147	73·1	76·0	69	68	24·4	23·7	79	70
8	29·842	28·821	76·2	72·2	74·0	73·0	77	74	69	115	74·0	75·8	70	72	25·0	27·3	82	95
9	29·979	29·908	74·0	69·6	72·4	71·6	77	68	66	133	73·8	75·5	67	71	22·6	25·5	79	96
10	29·968	29·891	72·5	71·5	73·0	72·1	75	70	68	117	73·4	75·3	71	71	26·0	26·4	95	95
11	29·997	29·918	72·1	71·3	77·0	74·0	80	71	69	147	74·0	75·5	71	73	25·5	27·3	96	86
12	30·041	29·976	73·4	69·8	73·0	66·4	77	70	67	126	74·4	75·8	68	62	23·1	19·3	83	69
13	30·091	30·006	73·0	64·0	75·2	67·0	78	70	64	142	73·4	75·8	58	62	16·4	19·0	59	64
14	30·106	30·037	74·8	70·4	75·0	72·0	80	70	65	138	73·3	76·0	68	71	23·5	25·5	79	86
15	30·103	30·028	74·8	71·8	79·2	72·2	81	70	66	137	73·6	75·8	71	68	25·5	23·7	86	70
16	30·117	30·012	73·8	72·0	78·2	73·0	81	70	67	140	74·3	75·8	71	71	25·9	25·5	91	77
17	30·088	29·972	77·0	70·0	78·6	72·0	81	70	65	140	74·8	76·0	66	69	21·9	24·4	69	71
18	30·047	29·950	76·4	70·6	79·8	73·2	81	70	65	140	75·0	76·1	67	70	22·4	25·3	74	72
19	30·018	29·957	75·0	72·2	78·0	72·8	79	69	66	135	74·8	76·0	71	71	25·5	25·5	87	77
20	30·009	29·930	74·2	72·0	76·4	72·0	79	73	70	126	75·2	76·1	71	69	25·9	24·4	89	80
21	30·027	29·942	77·1	71·1	79·0	70·4	81	71	67	140	75·1	76·5	68	66	23·3	21·7	74	64
22	30·050	29·960	77·2	72·0	80·9	71·3	82	71	68	146	75·9	76·2	69	66	24·6	22·1	77	60
23	30·023	29·943	78·2	72·4	80·4	72·0	82	70	65	142	76·3	76·8	69	67	24·1	22·6	75	65
24	29·989	29·902	77·8	72·4	81·7	72·3	84	69	64	145	75·3	75·8	70	67	24·8	23·0	76	62
25	29·952	29·873	77·9	72·9	83·0	73·9	86	70	66	145	75·9	76·2	71	70	25·5	24·7	78	64
26	30·022	29·931	77·8	73·0	82·8	72·4	86	73	69	148	76·4	76·7	71	67	25·5	22·6	79	59
27	30·036	29·996	78·8	73·2	78·6	72·2	82	69	65	143	76·2	76·8	71	69	25·7	24·4	76	72
28	30·071	29·996	73·8	70·0	74·8	71·4	76	71	68	113	76·1	76·8	68	70	23·3	24·8	82	84
29	30·021	29·960	74·4	71·6	75·4	71·8	77	72	69	103	75·7	76·6	69	70	24·6	24·8	87	83
30	30·032	29·937	74·2	69·8	75·2	70·0	78	71	67	133	75·2	76·8	67	67	22·6	22·8	79	77
31	29·980	29·881	73·0	67·0	75·0	67·7	77	70	66	140	75·0	76·6	63	63	19·9	19·7	71	67
Totals	930·857	928·393	2326·7	2184·4	2394·5	2200·4	2469	2170	2045	4196	2310·0	2359·3	2107	2094	725·4	718·1	2448	2258
Means	30·028	29 948	75·1	70·5	77·2	71·0	79·6	70·0	66·0	135·4	74·5	76·1	68·0	67·5	23·4	23·2	79·0	72·8

METEOROLOGICAL SUMMARY FOR MONTH OF AUGUST, 1934.

Highest Pressure—30·117″ at 8.30 a.m. on 16th.
Lowest Pressure—29·816″ at 3.30 p.m. on 7th.
Highest Temperature in Shade—86° on 25th and 26th.
Lowest Temperature in Shade—64° on 3rd.
Mean Daily Range—9·6°.
Greatest Range—16° on 3rd and 25th.
Least Range—3° on 8th.
Mean Temperature for Month—74·8°
Greatest Humidity—96 per cent. at 3.30 p.m. on 9th and 8.30 a.m. on 11th.
Least Humidity—59 per cent. at 8.30 a.m. on 13th and at 3.30 p.m. on 26th.
No. of Days of—Rain, 18; Hail, 0; Thunderstorms, 0; Fog, 0; Gales (force 8 or more), 0.
Rainfall—Total, 5·23″; Average, 8·02″ for 50 years; Difference from normal, −2·79″; Greatest fall in 24 hours, 2·12″ on 8th.

Visibility Summary—No. of Cases of.

Hour.	X	A	B	C	D	E	F	G	H	I	J	K	L	M
8.30 a.m.	0	0	0	0	0	0	1	1	1	3	4	14	6	1
3.30 p.m.	0	0	0	0	0	0	2	0	4	1	1	14	9	0

Standard Distance of Objects used for Estimate of Visibility:—X—Nil, A—27 yards, B—55 yards, C—110 yards, D—220 yards, E—550 yards, F—1,100 yards, G—1¼ mile, H—2½ miles, I—4⅕ miles, J—6¼ miles, K—12½ miles, L—18⅘ miles, M—31 miles

Amount of Cloud.

Number of cases of total cloud amount of.

Hour.	0	1/3	4/6	7/9	10
8.30 a.m.	0	2	10	14	5
3.30 p.m.	0	3	9	12	7

AUGUST.

Wind Direction and Force. (Beaufort Scale) I		II		Weather (Beaufort Letters). At time of Observation I.	During day, 1 to 2.	At time of Observation II.	During night, II. to I.	Cloud. Amount (0–10) I	II	Form. I	II	Direction whence coming. I	II	Amount of Rain. 7 hours during day measured at 15h.30m.	17 hours measured next morning at 8h.30m.	Sunshine. Hours and tenths.	Visibility. I	II	State of Ground. I	II	Day.
(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	
Dir.	Fc.	Dir.	Fc.											in.	in.						
E.X.N.	4	E.	4/5	bc	bc	bc	bc,c,o	5	5	ci/cu/cu-nb	cu	S.W./E.	E.	..	Trace	9·1	L	L	0	0	1
E.X.S.	3	E.S.E.	3	o	o,bc,c	c	c,bc	9	8	cu-nb/nb	cu/nb	E.	E.S.E.	Trace	..	1·9	L	L	0	0	2
E.N.E.	1	E.S.E.	4	bc	bc	bc	bc,cp,oq	4	4	fr-cu/cu	cu/cu-nb	E.	E.S.E.	..	0·23	9·4	M	K	0	0	3
N.E.	2/3	E.	4	ojpq	oq,c	c	bc,c	9	7	cu-nb/nb	a-cu/cu/nb	E.N.E.	N.E./E.	Trace	..	1·6	I	L	1	0	4
E.N.E.	4	E.	5	c	bc,c	c	c,orq	7	8	a-cu	cu/cu-nb	E.N.E.	E.	..	0·02	2·8	K	K	0	0	5
N.E.	3	N.E.	4	c	cq,o	oq	cpq,bc	8	9	a-s/cu/cu-n	a-s/fr-s	N.E.	N.E.	..	0·02	2·5	L	L	5	0	6
N.E.X.N.	2	N.E.	5	bc	bc,c	c	c,bc,oq	6	7	ci-cu/cu/cu-n	a-cu/cu/cu-n	S.W./N.E	W./N.E.	..	..	6·6	K	K	5	0	7
N.E.X.N.	3	W.S.W.	4	oq	ogqr,RR,	ogqd	ordq,c,bc	10	10	st	st/nb	N.	S.W.	1·85	0·27	0·2	J	H	0	2	8
S.S.E.	2	S.S.E.	3	bc	bc,c,od	od	odd	6	10	ci/cu/cu-nb	st/nb	E./S.	S.S.E.	0·03	0·69	3·6	L	F	2	2	9
S.E.X.S.	3	S.S.E.	4	odd	od	od	oddrq	10	10	nb/st	nb/st	S.E.	S.S.E.	0·02	0·41	0·0	F	F	2	2	10
E.	3	E.S.E.	3	odq	odq	og	og,p	10	10	nb/st	a-st	E.	S.E.	0·02	0·07	1·7	G	L	2	2	11
E.S.E.	4/5	E.S.E.	4	o	og	og	og	9	10	cu-nb/nb	st	E.S.E.	E.S.E.	Trace	..	0·8	K	K	2	1	12
E.	3	E.	4	ogy	og,bc,c	o	o	9	9	st-cu	ci/cu/cu-nb	E.	W/ENE.	..	..	3·7	L	K	1	0	13
N.E.	2	N.E.	3	o	o,bc,cp	cp	cp,bc,op	9	8	st-cu	cu-nb/nb	N.N.E.	E.N.E.	0·14	0·11	4·6	K	H	0	1	14
E.N.E.	2	E.X.S.	3	o	o,bc,b	b	b,bc,cp	9	2	st-cu	cu	N.E.	E.	..	0·20	8·4	J	K	1	0	15
N.E.	2	E.	3	cjp	c,bc,o	o	o,c,bc	8	9	cu/nb	cu-nb/nb	E.	E.	Trace	Trace	6·3	J	K	2	1	16
E.	3	E.	4	bc	bc	bc	bc,cpq	4	6	a-cu/cu-nb	ci/cu/cu-nb	E./E.	W/EXN.	Trace	0·03	8·9	K	K	0	0	17
E.	3	E.S.E.	3	bc	bc	bc	bc,cpo	4	6	fr-cu/cu	st-cu	E.	E.S.E.	..	0·24	9·2	K	K	5	0	18
E.S.E.	3	E.S.E.	3	o	c,o	o	c,op	9	9	ci-st/cu/nb	a-st/cu	W./E.	E.S.E.	..	0·03	1·4	J	K	1	0	19
E.S.E.	3	E.	4	op	c,op	o	o,c,bc	10	9	nb/st	a-cu/cu/nb	E.	N.W./E.	0·02	..	0·7	H	J	5	5	20
E.	2	E.	3	bc	bc,b	b	b,cpoq	6	3	fr-cu/cu/nb	fr-cu/cu	E.N.E.	E.	..	0·05	9·1	L	L	0	0	21
N.E.	3	N.E.	4	bc	bc	bcz	bc,c	6	6	cu	cu	N.E.	N.E.	Trace	..	8·6	K	I	5	0	22
N.E.	3	N.E.	4	bc	bc,c,b	b	bc,bw	6	3	a-cu/cu/cu-n	cu	W/ENE	N.E.	..	..	7·5	K	K	0	0	23
N.E.X.N.	2	N.E.	3	b	b,bc	bc	c,bc,bw	1	6	cu	a-cu/cu/nb	N.E.X.N.	W./N.E.	..	..	8·4	K	K	5	0	24
N.N.E.	4	N.E.X.N.	3	b	b,bc	bc	bc,c,o	3	5	a-cu/cu	ci/a-cu-cas	NW/NE.	W.X.N.	..	..	9·6	K	L	5	0	25
N.E.	2	E.N.E.	3	o	c,bc,b	bcy	bc,c	9	4	a-cu/cu/n/s	ci/ci-cu/cu	NE/NE.	WNW/N	..	Trace	8·1	K	L	0	0	26
E.	2	E.	4	bc	bc,c,o	o	oRr	4	9	cu/cu/nb	ci/cu/nb	E.	W./E.	..	0·34	5·4	K	K	5	0	27
E.S.E.	4/5	E.	4	o	oidq	oid	oid,g	9	10	cu-nb/nb	st/nb	E.S.E.	E.	0·02	0·12	0·0	I	H	1	1	28
E.S.E.	4/5	E.S.E.	4/5	og	og	ogjr	oir	10	10	nb/st	nb	E.S.E.	E.S.E.	Trace	0·23	0·0	I	H	1	1	29
S.E.	4/5	S.E.	4/5	o	c,o	o	oir	9	9	nb	cu/nb	S.E.	S.E.	Trace	0·07	0·7	K	K	1	1	30
S.E.	3	S.E.	4	o	o,c,bc	bc	bc,v	9	6	cu/nb	ci/cu/nb	S.E.	NW/SE.	..	Trace	3·6	K	L	1	0	31
...	..	...	..	...	...	...	...	227	227	...	...	...	...	2·10	3·13	144·4	..	..	..	..	..
...	..	...	..	...	...	...	...	7·3	7·3	...	...	...	..	..	..	4·7	..	..	..	..	Means

WIND SUMMARY.

	Force 8 or more	4/7.	1/3.	Calms.	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.
8.30 a.m.	0	7	24	0	0	1	10	3	8	5	3	1	0	0	0	0	0	0	0	0
3.30 p.m.	0	19	12	0	0	0	7	1	11	7	2	2	0	0	0	1	0	0	0	0
	0	26	36	0	0	1	17	4	19	12	5	3	0	0	0	1	0	0	0	0

Prevailing Direction, E.; 8.30 a.m.,N.E.; 3.30 p.m. E.

KATA THERMOMETER OBSERVATIONS IN "SCREEN."

Time of Observation between 9h. and 9h. 30m. F. 464.

Date.	Cooling Power. Dry Kata.	Wet Kata.	Date.	Cooling Power. Dry Kata.	Wet Kata.
1	6·8	19·3	17	5·7	14·5
2	6·2	17·7	18	4·9	15·5
3	6·8	20·6	18	..	..
4	7·5	20·6	20	7·0	17·5
5	8·0	23·2	21	5·7	16·0
6	8·0	21·1	22	7·3	19·3
7	6·2	19·3	23	7·9	16·6
8	6·1	15·5	24	5·2	14·7
9	5·8	14·7	25	5·0	13·3
10	6·6	14·1	26	4·8	16·6
11	6·8	15·0	27	5·9	14·5
12	6·5	15·5	28	7·0	17·5
13	7·1	18·2	29	5·5	13·6
14	6·3	17·2	30	6·5	15·0
15	7·4	14·1	31	5·8	15·0
16	7·6	18·6			
Totals	..	..	..	193·9	504·3
Means	..	..	..	6·5	16·8

WEATHER DIARY—AUGUST, 1934.

Date.

1. Fine, half cloudy all day and N.E. winds force 1/2. Moderate E. breeze 0825. Part rainbow to W. 0837. Gentle to moderate breeze after 1620. Cloudy night.
2. Trace of rain at 0013. Gentle to moderate E. breeze in early morning and overcast, gradually veering E.S.E., falling to force 3 1418 and to force 2 2320. Half to three-quarter cloudy after 0945.
3. Half cloudy in early morning. Wind backed N'ly 0122 veering E.N.E. 0824, increasing force 3, veering E.S.E. force 4 1100, backing N'ly after 2310, falling off 2300. Half cloudy all day, cloudy night. Trace of rain at 1742. Passing showers 2250.
4. Passing showers to 0610. Early morning overcast. Gentle E.N.E. breeze 0048 backing N.E. and becoming squally force 1/3, veering E.N.E. 0855, then gradually veering E. falling off 1700 backing N.E., increasing force 2/3 2010. Fine and cloudy all day.
5. Wind fell to force 1 after 0100, increasing force 3/4, gusts force 5, 0320, veering E.N.E. Half to three-quarter cloudy all day. Fresh E.xN. wind 1047, gusts force 6, moderating 1530. Squally winds after 1800 from N.E. Rain 1708 to 1712. Trace of rain at 2112. Maximum wind velocity 30 m.p.h. from E.xN. at 1413.
6. Early morning fine cloudy and squally N.E. winds force 1/5 to 0345, then N.E. airs increasing 0800 force 3/5, squally, occasional gusts force 6. Cloudy all day and night. Maximum wind velocity 29 m.p.h. from N.E. at 1104 and 1142. Wind backed N.N.E. after 1600.
7. Early morning fine, cloudy and squally N.N.E. winds to 0314 then light N.E. breeze increasing 0900. Light passing showers 0130 to 0134. Sky cleared 0730 covering again 0900. Part rainbow to W. 0904. Moderate to fresh N.E. winds 1000, occasional gusts force 6, falling to force 3/4 1700. Half cloudy night.
8. Gentle to moderate N.E. winds in early morning and overcast and gloomy. Light rain 1030. Heavy rain 1118, and wind backed W. squally to 1500 thence drizzle and rain to 2030. Wind backed S.S.W. after 1230 veering W.S.W. force 4, 1440 and S.S.W. force 5 1804, gradually veering W'ly after 2125 falling off 2220.
9. Light to gentle variable winds in early morning, mainly S.W. Calm 0500, and cloudy. Thin drizzle 0025 to 0100. Light S.S.E. breeze 0740 and sky cleared, covering again 1200. Drizzle 1450. Wind increased force 3 1310.
10. Gentle S.S.E. breeze in early morning and continuous drizzle and poor visibility to 0840. Wind increased force 4 0930 backing E.S.E. force 3 1600. Drizzle 1150 to 1200 and 1520 to 2015.
11. Light to gentle E.S.E. breeze in early morning, backing E'ly 0400. Overcast and gloomy, drizzle and rain 0442 to 1030. Wind backed N.E. 0845 force 2, veering E.S.E. 0950 increasing force 3/4. Overcast night light passing showers 2325.
12. Overcast and gloomy all day and moderate to fresh E.S.E. breeze, occasional gusts force 6. Light passing showers to 0632. Maximum wind velocity 27 m.p.h. from E.S.E. 1433 and 1442. Wind backed E. force 2/3 at 2200.
13. Early morning overcast, gloomy and gentle E. breeze. Moderate to fresh breeze 1000 and half cloudy, sky covering 1330 and wind falling off 1830, backing N.E. Overcast night.
14. N.E. airs to calm and overcast in early morning. Light N.E. breeze 0725, increasing force 4/5, veering E., backing N.E., force 3 1510, veering E. force 4 1548, backing E.N.E. 1705, gradually falling to force 2. Passing showers 1140 to 1535. Half to three-quarter cloudy night.
15. Early morning overcast, passing showers 0330 to 0710. Light N.E. breeze veering E. 0810 increasing force 3. Gradually falling off 1700 backing E.N.E. Half to quarter cloudy after 0910. Cloudy and passing showers 2220.
16. Passing showers to 0720. Squally N.E. winds 0000 to 0200 then light breeze increasing force 3/5 0902 veering E. gradually falling off 1500 backing N.E. 1800. Half cloudy during the day, cloudy to overcast afternoon and night.
17. Early morning fine, half cloudy all day, and light N.E. breeze increasing 0745 veering E. Cloudy night. Squall force 5 at 1720 then rapidly falling off backing N.E. Passing shower at 2217.
18. Passing showers at 0001 and 0115. Light to gentle E. to E.N.E. breeze after 0210 increasing force 3/4 falling off 2100 backing NW'ly. Half cloudy during the day, cloudy after 1600. Passing showers 2035.
19. Cloudy to overcast all day, passing showers to 0820. N'ly airs in early morning veering E. 0432 force 2 falling off 0632 backing N'ly. Gentle to moderate E.S.E. breeze 0722. Gentle breeze after 1400.
20. Light to gentle E.S.E. breeze in early morning. Passing shower at 0114 and 0825 to 0835. Wind gradually veered E. force 4, occasional gusts force 5, gradually backing N.E. after 1600 falling off. Cloudy to overcast all day. Passing shower at 1302.
21. N.E. airs in early morning and half cloudy, veering E. 0740 increasing force 3/4 falling off 1700 backing N.E. Clear sky during the day and early evening, covering 1945. Clear sky during the day and early evening, covering 1945. Gentle squall at 2254 and passing shower.
22. Passing shower 0050 and at 0408. Moderate to fresh N.E. squall 0402 falling off 0426 gradually increasing force 4/5 after 0610, occasional gusts force 6. Half cloudy all day, cloudy night. Gentle wind 1610, falling off 1700. Maximum wind velocity 27 m.p.h. from N.E. at 1101.
23. N.E. airs in early morning increasing 0700, and half cloudy. Cloudy after 0930, clear sky during afternoon and night. Moderate to fresh N.E. breeze after 0900 gradually falling off 1512 backing N 2342.
24. Early morning fine, cloudless sky dew on grass and N'ly airs to calm. Light N.E.xN. breeze 0810 increasing force 3/4 gradually falling off 1700. Calm 2040 and cloudless sky. Half cloudy during the day, cloudy during late afternoon.
25. Early morning fine, cloudless sky, dew on grass and N'ly airs to calm. Light N.N.E. breeze 0650, increasing force 3/4 gradually falling off 1600. Calm 2000. Half to three-quarter cloudy afternoon and chaotic sky, overcast night.
26. N.E. airs to calm in early morning and overcast, increasing force 2 0755 and to force 3/4 0900 gradually falling off 1700. Half to three-quarter cloudy during the day, cloudy night with a-cu clouds. Calm 2300.
27. Early morning fine, half cloudy and N.E. to N.N.E. airs to calm, increasing 0804 veering E. to E.S.E. Short heavy shower at 0729 lasting about 10 seconds. Cloudy to overcast afternoon and night. Moderate to fresh breeze 2045 and heavy rain to 2055 thence light rain to 2110.
28. Moderate to strong E.S.E. breeze 0200 and occasional rain 0220 to 0505. Intermittent drizzle 1030. Wind gradually backed E. falling to force 4 1513. Overcast all day and night. Maximum wind velocity 28 m.p.h. (force 6) from E.xS. at 1233.
29. Intermittent drizzle to 0615. Overcast gloomy and moderate to fresh E. to E.S.E. breeze all day and occasional misty rain. Intermittent rain 1620 to 2240.
30. Cloudy to overcast all day and night and gentle to fresh S.E. to E.S.E. breeze, occasional gusts force 6. Rainbow to W. 0920. Intermittent rain 2338.
31. Intermittent rain to 0038. Cloudy to overcast morning and gentle to moderate S.E. to E.S.E. breeze. Half cloudy afternoon and night. Trace of rain at 1915.

ADDITIONAL NOTES.

A fairly dry and warm month. Rainfall was 2·79″ below normal, whilst mean temperature exceeded the normal by 1·2°F.

METEOROLOGICAL OBSERVATIONS TAKEN AT SUVA, FIJI,

DURING

SEPTEMBER, 1934.

SEPTEMBER.

Day.	Air Pressure at Mean Sea Level in the Units of Measurement.		Temperature (degrees F.)										Humidity.					
			In Screen.						In Open.		In Ground.							
			Dry.	Wet.	Dry.	Wet.	Max.	Min.	Grass Min. Eve. to Morn.	Max. in Sun Black Bulb in Vacuo.	I		Dew Point.		Vapour Pressure.		Percentage.	
	I	II	I		II						1 foot.	4 feet.	I	II	I	II	I	II
			Tenths.				Whole Degrees.				Tenths.							
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
	in.	in.	°	°	°	°	°	°	°	°	°	°	°	°	mb.	mb.		
1	29·951	29·875	68·7	65·1	77·0	66·8	78	64	61	140	74·3	76·3	63	61	19·9	18·2	81	56
2	29·976	29·903	71·4	67·8	77·4	69·6	80	63	59	143	74·2	76·1	65	64	21·4	20·7	82	66
3	30·033	29·943	77·1	71·7	82·0	72·5	85	68	64	147	74·9	76·3	68	67	23·9	23·0	76	61
4	30·011	29·937	76·9	74·0	81·2	75·4	83	73	70	147	76·0	76·0	73	72	27·3	27·0	86	76
5	30·015	29·916	77·4	75·2	84·0	75·0	85	75	72	150	76·4	76·2	74	71	28·8	25·7	90	64
6	30·018	29·928	79·2	75·0	84·8	75·2	86	74	71	147	76·6	76·4	73	71	27·9	25·9	82	62
7	30·047	29·985	79·1	74·1	81·2	75·8	84	72	69	150	77·0	76·4	72	73	26·5	27·7	79	77
8	30·026	29·957	78·0	73·0	81·2	74·6	83	71	68	143	77·1	76·7	71	71	25·5	26·3	78	73
9	29·962	29·853	72·8	70·0	80·4	71·4	82	67	64	140	76·8	76·7	68	66	23·7	21·9	86	63
10	29·919	29·854	74·8	70·0	80·8	72·0	83	67	65	135	76·8	77·0	67	67	22·8	22·8	78	63
11	29·928	29·852	77·6	70·0	79·6	70·2	83	67	64	105	77·0	77·1	66	65	22·1	21·3	67	61
12	29·925	29·912	71·0	70·2	68·2	67·2	72	68	67	91	75·4	76·8	69	66	24·6	22·2	96	95
13	29·954	29·888	70·0	66·6	69·0	66·2	71	66	65	97	73·6	74·7	64	64	20·7	20·5	83	86
14	29·958	29·904	66·8	65·4	67·1	64·3	69	65	64	93	71·5	73·0	65	62	20·8	19·0	92	86
15	29·966	29·902	68·8	67·2	70·0	69·0	71	65	63	94	70·4	71·8	67	69	22·3	23·8	92	95
16	29·999	29·935	69·2	65·8	70·2	66·2	72	68	66	104	71·1	72·0	63	63	19·9	20·0	83	80
17	30·069	29·977	71·2	61·4	73·4	64·8	77	67	62	148	71·1	71·8	53	59	13·9	16·9	55	61
18	30·053	29·999	70·2	60·0	70·8	63·2	76	65	62	134	71·7	72·0	52	58	13·2	16·7	52	63
19	30·078	29·997	72·2	63·2	75·0	66·0	78	68	63	146	71·2	73·2	57	60	15·7	17·8	58	60
20	30·070	29·985	70·8	66·6	73·8	67·6	78	70	66	138	71·6	73·2	65	64	20·8	20·7	79	71
21	30·022	29·955	73·0	70·0	74·4	70·6	77	69	67	128	71·7	73·0	68	68	23·7	23·3	85	82
22	30·038	29·948	72·0	70·6	77·0	71·0	79	70	68	134	72·2	73·3	70	68	24·8	23·3	93	73
23	30·022	29·912	78·0	71·2	79·4	73·8	82	70	67	144	73·0	74·1	67	71	22·8	25·7	70	76
24	29·961	29·841	78·0	75·4	82·0	76·4	84	73	72	148	74·5	75·2	74	74	29·0	28·7	88	77
25	29·927	29·825	79·4	75·4	82·6	77·6	88	74	71	154	75·8	75·8	73	76	27·9	30·5	83	79
26	29·854	29·818	81·6	75·8	78·0	75·8	87	75	72	148	76·2	76·4	73	75	28·0	29·8	76	90
27	29·931	29·875	72·9	67·9	75·0	68·2	77	69	67	142	75·1	77·0	65	64	21·2	20·3	76	69
28	29·961	29·914	75·6	67·2	76·1	68·1	78	68	64	135	74·5	76·8	62	63	19·2	19·8	63	65
29	30·009	29·932	74·0	67·2	76·3	68·3	77	69	65	116	74·1	76·4	63	63	19·5	19·8	69	65
30	30·023	29·938	75·0	72·2	80·2	74·4	83	68	64	149	74·1	76·3	71	71	25·5	26·0	87	75
Totals	899·706	897·460	2222·7	2085·2	2308·1	2117·2	2388	2068	1982	3990	2225·9	2254·0	2001	2006	683·3	685·3	2365	2170
Means	29·990	29·915	74·1	69·5	76·9	70·6	79·6	68·9	66·1	133·0	74·2	75·1	66·7	66·9	22·8	22·8	78·8	72·3

METEOROLOGICAL SUMMARY FOR MONTH OF SEPTEMBER, 1934.

Highest Pressure—30·078″ at 8.30 a.m. on 19th.
Lowest Pressure—29·818″ at 3.30 p.m. on 26th.
Highest Temperature in Shade—88° on 25th.
Lowest Temperature in Shade—63° on 2nd.
Mean Daily Range—10·7°
Greatest Range 17° on 2nd and 3rd.
Least Range 4° on 12th, 14th, and 16th.
Mean Temperature for Month 74·3°.
Greatest Humidity—96 per cent. at 8.30 a.m. on 12th.
Least Humidity—52 per cent. at 8.30 a.m. on 18th.
Number of Days of—Rain, 18; Hail, 0; Thunderstorms, 1; Fog, 0; Gales (force 8 or more), 0.
Rainfall:—Total, 9·68″; Average, 7·47 for 50 years; Difference from normal + 2·21″; Greatest fall in 24 hours, 2·23″ on 12th.

VISIBILITY SUMMARY—NO. OF CASES OF

Hour.	X	A	B	C	D	E	F	G	H	I	J	K	L	M
8.30 a.m.	0	0	0	0	0	0	2	0	2	4	1	7	6	8
3.30 p.m.	0	0	0	0	0	0	2	1	0	3	3	4	12	5

Standard Distance of Objects used for Estimate of Visibility:—X—Nil, A—27 yards, B—55 yards, C—110 yards, D—220 yards, E—550 yards, F—1,100 yards, G—1¼ mile, H—2½ miles, I—4⅓ miles, J—6¼ miles, K—12½ miles, L—18¾ miles, M—31 miles.

AMOUNT OF CLOUD.

Number of cases of total cloud amount of.

Hour.	0	1/3	4/6	7/9	10
8.30 a.m.	0	0	7	14	9
3.30 p.m.	0	4	6	12	8

SEPTEMBER.

Wind Direction and Force (Beaufort Scale). I		Wind Direction and Force (Beaufort Scale). II		Weather (Beaufort Letters). At time of Observation I.	During day 1 to 2.	At time of Observation II.	During night II to I.	Cloud. Amount (0–10) I	II	Form. I	II	Direction whence coming. I	II	Amount of Rain. 7 hours during day meatye at 51h. 30m.	17 hours measured next morning at 6h. 30m.	Sunshine. Hours and tenths.	Visibility I	II	State of Ground. I	II	Day.
(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	
Dir.	Fc.	Dir.	Fc.											in.	in.						
N.	1	S.E.X.E.	3	bcv	bcv,b	bvy	bv,c,o	4	3	fr-cu	ci/a-cu-l	S.	W/E.S.E.	..	..	9·4	M	M	0	0	1
Calm	0	E.	2/3	ov	ov,bc,c	c	c,bc	9	7	st-cu	st-cu	N.W.	N.N.W.	..	..	5·4	M	M	0	0	2
N.E.	2	N.E.	4	c	c,bc,b	b	b,bc,cr	7	1	ci/ci-cu/cu/s	cu	WNW/NE	N.E.	..	0·02	9·3	K	K	0	0	3
N.E.X.N.	2	N.E.	4	c	c,bc	bc	bc,c,oid	8	4	cu/nb	ci-cu-l/cu/n	N.E.	-/N.E.	Trace	0·09	5·9	J	J	5	0	4
N.N.E.	2/3	N.N.E.	2	ojp	c	c	c,bcl	9	8	cu/nb	ci-cu/cu	N.N.E.	WNW/N	Trace	..	3·6	K	L	5	0	5
N.N.E.	1	N.E.	3	c	c,bc	bc	bc,bw	8	6	ci-st/cu	ci/a-cu	W./N.	W./W.	..	Trace	8·1	L	L	0	0	6
E.X.S.	2	E.S.E.	3	bc	c,bc	bc	b,bc,c	6	6	ci/cu/cu-n/s	ci/fr-cu/cu	E.S.E./E.	E./E.	Trace	..	6·3	K	L	5	0	7
E.	2	E.S.E.	4	c	c,bc	bc	b,c,bcwv	7	4	a-cu/cu/cu-n	cu	SE/ENE	E.S.E.	..	..	7·2	L	L	0	0	8
Calm	0	E.S.E.	3	bcv	bcv,b	b	bc,,ov	6	1	cu/cu-nb/st	fr-cu	E.	E.S.E.	..	..	9·4	M	M	5	0	9
N.	1	E.S.E.	3	ov	cv,b	bv	bw,bc	9	1	st-cu	fr-cu	S.E.	E.S.E.	..	..	7·8	M	M	0	0	10
E.N.E.	2	N.E.	4	bc	bc,c,o	o	or,RRg	6	9	ci/ci-cu/cu	ci-s/a-s/cu	W./E.	NW/NE	..	1·85	7·8	K	K	5	0	11
S.S.E.	2	S.S.E.	5	orrg	orRrrg	orrg	ogrr	10	10	nb/st	nb/st	S.S.E.	S.S.E.	1·44	0·79	0·0	F	F	2	2	12
S.E.	3	S.E.X.S.	4	ogjr	ogdd	ogd	ogddrr	10	10	nb/st	nb/st	S.E.	S.E.	0·13	1·36	0·0	I	G	2	2	13
E.S.E.	3	S.S.E.	3	ogdd	ogddrr	og	ogddrr	10	10	nb/st	nb/st	E.S.E.	S.S.E.	0·49	1·36	0·0	H	L	2	2	14
E.S.E.	2	E.S.E.	3	ogdd	ogddrr	ogdd	ogddrr	10	10	nb/st	nb/st	E.S.E.	E.S.E.	0·22	0·83	0·0	F	F	2	2	15
S.S.E.	4	S.E.	4	ogid	ogid	ogjr	ogid,bcv	10	10	nb/st	nb	S.S.E.	S.E.	0·01	Trace	0·0	I	L	2	2	16
S.S.E.	3	S.E.	4	bcvy	bcv,c	c	c,og	4	7	fr-cu	cu/cu-nb	S.E.	S.E.	..	Trace	8·1	M	L	2	2	17
S.E.	4	S.E.	4	og	og,c	og	og	10	9	a-st	a-st	S.E.	S.E.	Trace	..	1·4	L	L	2	1	18
E.S.E.	4	E.S.E.	4/5	oy	o,c	cy	c,bc,or	9	8	a-st	a-cu/cu/nb	E.	W./E.	Trace	0·03	3·1	L	K	1	0	19
N.E.	2	E.	5	og	og	ogjr	ogd,id	10	10	nb	nb	E.N.E.	E.	Trace	0·14	1·1	I	I	5	0	20
E.N.E.	3	E.	3	og	ogid	og	ogid,ir	10	10	a-st/nb	nb	E.N.E.	E.	0·02	0·17	0·6	I	I	1	1	21
N.E.	2	E.N.E.	2	ogd	ogd,ir,c	c	c,o,bc	10	8	nb/st	a-st	E.N.E.	E.	0·05	..	0·6	H	L	1	1	22
E.	2	E.	3	c	bc,cz	cz	cz,oir	7	7	ci/ci-cu/cu	ci/ci-cu/a-s/c	W./E.	W./E.	..	0·18	7·9	K	I	0	0	23
E.N.E.	2	N.E.	4	o	o,c,bc	bc	bc,b,or,cv	9	6	cu-nb/nb	flse-ci/cu/cu-	E.N.E.	SW/NE.	Trace	0·03	6·9	K	L	1	0	24
N.N.E.	3	N.N.W.	2	cv	cv,bc,ot	ojpt	ctq,bc	8	9	s-cu/cu/cu-n	ci-st/cu/nb	N.N.E.	W./N.	..	..	4·0	M	K	0	0	25
N.	4	S.W.	4	bc	bc,cPq	cq	cpq,or,bc	6	8	ci/ci-s/a-cu/c	ci/a-cu/a-s/c	WNW/N	W./S.W.	0·16	0·22	5·5	M	J	0	1	26
S.S.W.	2	S.E.	3	bc	bc,c,og	og	og,c	5	10	st-cu	a-st	S.S.E.	S.E.	..	..	1·8	L	L	1	1	27
E.S.E.	3	E.X.S.	3	c	c,og	og	og,r	7	9	st-cu	cu-nb/nb	W.N.W.	E.S.E.	..	0·04	1·6	L	L	0	0	28
E.	2	E.X.S.	3	og	og	og	og,d,bc	9	9	st-cu	st-cu	W.	W.	..	0·01	0·7	M	M	0	0	29
Calm	0	E.X.N.	4	c	c,bc	bc	bc,c,or	8	6	st-cu/cu-nb	s-cu/cu/cu-n	N./N.	N./E.N.E	Trace	0·04	7·3	K	J	0	0	30
...	..	...	..	...	...	...	...	241	216	...	...	...	...	2·52	7·16	130·8	..	..	..	..	Totals
...	..	...	..	...	...	...	...	8·7	7·2	...	...	...	...	..	..	4·4	..	..	..	..	Means

WIND SUMMARY.

	Force 8 or more.	4/7.	1/3.	Calms.	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.
8.30 a.m.	0	4	23	3	3	3	4	3	4	4	2	3	0	1	0	0	0	0	0	0
3.30 p.m.	0	14	16	0	0	1	5	1	7	6	6	2	0	0	1	0	0	0	0	1
	0	18	39	3	3	4	9	4	11	10	8	5	0	1	1	0	0	0	0	1

Prevailing Direction, E.; 8.30 a.m., E.; 3.30 p.m., E.

KATA THERMOMETER OBSERVATIONS IN "SCREEN."

Time of Observation between 9h. and 9h. 30m. F. 464.

Date.	Cooling Power. Dry Kata.	Wet Kata.	Date.	Cooling Power. Dry Kata.	Wet Kata.
1	5·2	16·0	16	9·1	17·7
2	4·7	14·8	17	7·1	16·6
3	6·2	17·7	18	6·6	18·6
4	6·8	14·5	19	6·6	17·2
5	6·4	15·5	20	5·9	15·8
6	5·3	15·5	21	7·9	20·1
7	5·5	15·0	22	6·6	16·0
8	6·1	17·2	23	6·2	15·7
9	4·4	12·1	24	6·3	13·3
10	5·9	16·6	25	4·1	12·9
11	6·9	17·2	26	4·6	15·5
12	6·3	13·3	27	9·7	21·1
13	6·5	17·7	28	5·7	18·6
14	8·8	17·2	29	7·4	18·6
15	7·0	15·5	30	4·1	11·9
Totals	..	..	..	189·9	485·4
Means	..	..	....	6·3	16·2

WEATHER DIARY—SEPTEMBER, 1934.

1. Wind backed Northerly 0216 falling off. Early morning half cloudy and unusual visibility. Light to gentle E.S.E. breeze 0848, gradually falling off after 1600 backing Northerly 1920. Quarter cloudy during the day and at night.
2. Light N.E. breeze in early morning, overcast and unusual visibility. Calm 0718. Light variable N.E. breeze 0930, increasing force 3 veering E. falling off 1620 backing N.E. Variable sky during the day.
3. N.E. airs to calm in early morning and cloudy, clear sky during the afternoon, half cloudy night. Wind gradually increased force 3/4 0748, falling to force 2 1800.
4. Light N.E. breeze in early morning and cloudy. Rain 0450 to 0453. Wind increased 0840 force 3/4, occasional gusts force 5, falling to force 2/3 1700. Half cloudy afternoon, cloudy night. Thin intermittent drizzle 2255. Rainbow to S.W. 0920 and to E. 1535.
5. Light to gentle N.E. to N.N.E. breeze in early morning, cloudy to overcast and intermittent drizzle to 0725. Half cloudy night, lightning to N.W. 2100 to 2145. Wind increased force 4/5 1023, occasional gusts force 6 falling off to force 2/3 1450 veering E.N.E. 1550 backing N.E. 1800. Maximum wind velocity 26 m.p.h. from N.N.E. at 1220.
6. N.E. airs in early morning and cloudy, increasing force 3 0425 falling off 0540, calm 0636. N.N.E. airs 0820 gradually increasing force 3/4 from N.E. falling off 1400, calm 2108. Half cloudy during the day, clear sky at night. Solar halo observed 0840 to 1025.
7. Early morning fine, half cloudy, calm and dew on grass. E.S.E. airs 0758 increasing, backing N.E., veering E.S.E. 0940. Cloudy between 1200 and 1320 and trace of rain, then half cloudy, clear sky at night. Light wind after 1700.
8. Early morning fine cloudy and variable airs (mainly N.N.E.) to calm, increasing from E. 0755 veering E.S.E. 0930 falling off 1600 gradually backing Northerly. Half cloudy afternoon. Pretty sunset. Clear sky during evening becoming cloudy 2030.
9. Northerly airs in early morning, calm 0700, half cloudy, dew and unusual visibility. Clear sky during the day and at night. Pretty sunset. Variable airs 0910 increasing force 3 from E.S.E. 1100, falling off 1700 gradually backing Northerly.
10. Early morning cloudy to overcast, Northerly airs and unusual visibility. Wind gradually increased 0850 veering E.S.E. and sky cleared, falling off 1700 backing Northerly. Clear sky at night, cloudless at times.
11. Early morning fine, half cloudy, Northerly airs to calm and dew. Wind gradually increased from E.N.E. 0735 veering E. 1130, backing N.E. 1320 falling off 1600, Northerly airs to calm 1904. Sky gradually covered, overcast afternoon and night. Light rain 2148 to 2155, moderate rain 2320 and light N.N.W. winds.
12. Light rain from 0000 increasing to heavy rain 0300 to 0535 thence light to moderate rain. Light W.N.W. wind 0050 increasing force 2/3 gradually backing S. and to S.S.E. 0815 gradually increasing force 5, occasional gusts force 6, falling off 1700 to force 2/3, backing S.E. 1925. Heavy rain 0845 to 1030 thence light to moderate rain. Gloomy all day and poor visibility. Maximum wind velocity 29 m.p.h. from S.S.E. at 1514.
13. Light to moderate rain to 0700, overcast gloomy and light to gentle S.E. to S.S.E. breeze, increasing to force 4 occasionally. Continuous drizzle and rain from 0950.
14. Early morning overcast, gloomy, continuous rain and drizzle and gentle S.E. breeze backing E.S.E., veering S.E. 0920 and to S.S.E. 1440; rain then ceased and visibility improved. Continuous drizzle and rain again 1725 and wind backed E.S.E. gusty force 2/4.
15. Early morning overcast, gloomy and continuous drizzle and rain all day and variable, gusty E.S.E. wind force 2/4. Gentle E. by S. breeze 1045 veering E.S.E. 1505 increasing force 4 1900, occasional gusts force 5.
16. Continuous drizzle and rain to 0500, thence very fine intermittent drizzle and gloomy. Moderate to fresh S.E. to S.S.E. breeze all day gradually falling to force 3 after 2300.
17. Gentle S.S.E. breeze in morning, half cloudy and unusual visibility. Wind increased force 4 1200. Cloudy afternoon, overcast night and trace of rain at 1945.
18. Moderate S.E. breeze in early morning, overcast and gloomy. Cloudy during the day, overcast and gloomy afternoon and night. Occasional gusts of wind force 5 during the day and wind backed E.S.E. at times.
19. Early morning overcast and gentle to moderate E.S.E. breeze increasing force 4/5 1000 from E. falling to force 4 1630. Variable sky all day but mainly cloudy to overcast. Solar halo observed 1208 to 1225. Lunar Corona seen occasionally during evening.
20. Wind gradually fell to force 2 after 0100 backing N.-Easterly 0700. Rain 0804 to 0814. Wind veered E. 1000 increasing force 5, occasional gusts force 6 falling to force 3 2200. Overcast and gloomy all day. Drizzle 1745 to 1815.
21. Very thin intermittent drizzle 0100 to 1710, overcast and gloomy. Wind backed E.N. Easterly 0145 force 2/3, and to N.N.E. 1004, veering E. 1108, backing N. Easterly 1622 gradually falling off. Light intermittent rain 2214.
22. Intermittent rain to 0440, very thin drizzle 0815 to 0905. N. Easterly airs to calm in early morning, increasing force 2 0710 veering E. 1025, increasing force 4 1100 backing N. 1325 force 2, increasing force 3 from E.N.E. 1529 falling off 1700 backing N.E. Intermittent rain 0958 to 1035. Cloudy to overcast all day and night.
23. N.E. to E.N.E. airs to calm in early morning, half to three-quarter cloudy during the day, overcast night. Wind increased force 2/3 from E. to E. by S. 0800, gradually falling off 1600 backing N.E. 1800.
24. Variable winds, mainly N. Easterly, to calm in early morning. Light E.N.E. breeze 0735 veering N.E. 0920 increasing force 4, falling off to force 2/3 1800. Intermittent rain 0025 to 0625. Cloudy to overcast morning and night. Half cloudy afternoon and clear sky for short period during early evening.
25. Rain 0156 to 0200. Wind backed N.N.E. force 3 0322. Early morning cloudy and unusual visibility. Variable sky during the day and rapidly changing cloud-forms, half cloudy night. Ugly and threatening to S.S.W. during afternoon and distant thunder 1405 to 1600. Wind veered N.E. 1258 backing to S. Easterly after 1500 and to Northerly airs 1748. Light to gentle N.N.E. breeze 1900 backing N. Squalls from S.S.W. at 1600 and 1650. Maximum wind velocity 29 m.p.h. from S. by W. at 1606.
26. Gentle to moderate N. wind in early morning and half cloudy and clear. Wind backed N.N.W. and to S.S.W. 1112 force 2, increasing in squalls from S.W. 1306 to force 6 at 1600 backing S.S.W. 1621 falling to force 5 1700. Shower at 1205. Heavy passing showers 1306 to 1330 and 1612 to 1648. Light rain 1900 to 2130. Cloudy to overcast afternoon and night. Maximum wind velocity 33 m.p.h., force 7, from S.S.W. at 1643.
27. Wind gradually fell to force 1 0555, backing W. 0140 gradually backing S.S.W. after 0440, increasing force 2 0730, backing S.S. Easterly force 2/3 0900 and to S.E. 1300. Early morning half cloudy, overcast and gloomy after 0940.
28. Wind fell to force 1, 0458, backing N. 0528, veering E.S.E. 0700 increasing to force 3. Variable E.N.Easterly breeze force 1/2 after 2040, backing N.N. Easterly 2327. Cloudy to overcast and gloomy all day and night. Rain 2010 to 2015.
29. N.E. airs in early morning increasing force 2/3 0630 veering E. falling off 1700 backing Northerly after 1900. Overcast and gloomy all day, drizzle 2325 to 2335.
30. N.E. airs to calm in early morning, half to three-quarter cloudy during the day, cloudy to overcast night. Light N. Easterly breeze 0930 increasing force 4. Veering E 1042 gradually falling off after 1546 backing N.E. Rain 2350 to 2355.

ADDITIONAL NOTES.

The first 10 days of the month were fine. A wet spell occurred from 11th to 15th after which it was generally fine and cloudy. Pressure at 8.30 a.m. was 0·001″ below normal whilst mean temperature showed a deficiency of 0·2° F.

METEOROLOGICAL OBSERVATIONS TAKEN AT SUVA, FIJI.

DURING

OCTOBER, 1934.

OCTOBER.

Day.	Air Pressure at Mean Sea Level in the Units of Measurement.		Temperature (degrees F.)										Humidity.					
			In Screen.						In Open.		In Ground.		Dew Point.		Vapour Pressure.		Percentage	
			Dry.	Wet.	Dry.	Wet.	Max.	Min.	Grass Min. Eve. to Morn.	Max. in Sun. Black Bulb in Vacuo.	1							
	I	II	I.		II.						1 foot.	4 feet.	I	II	I	II	I	II
			Tenths.				Whole Degrees.											
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
	in.	in.	°	°	°	°	°	°	°	°	°	°	°	°	mb.	mb.		
1	30·016	29·951	78·4	75·0	77·2	74·0	81	73	70	144	75·9	76·3	73	73	27·6	27·3	85	86
2	30·018	29·912	76·4	74·0	83·0	77·2	84	71	68	144	76·0	76·4	72	74	27·1	29·0	89	76
3	30·068	29·994	78·0	75·0	79·4	75·0	81	71	68	145	76·7	76·5	74	72	28·3	27·2	86	81
4	30·097	30·007	76·2	72·0	79·8	72·4	82	73	69	150	77·0	76·4	70	69	25·0	23·9	81	69
5	30·084	30·000	78·2	71·6	80·0	72·2	82	73	68	148	76·5	77·0	68	68	23·5	23·3	71	67
6	30·050	29·986	78·2	69·4	78·0	70·4	82	71	66	152	77·0	77·2	64	66	20·2	22·1	62	67
7	30·042	29·954	76·4	69·0	80·8	71·4	82	67	63	144	76·6	77·2	64	66	20·5	22·1	67	61
8	30·066	29·982	78·4	71·0	78·0	71·0	82	71	67	150	77·1	77·7	66	67	22·1	22·8	68	70
9	30·061	29·994	78·0	71·8	80·1	72·3	82	74	69	145	77·7	77·9	69	68	24·1	23·3	73	67
10	30·036	29·972	77·6	69·6	78·2	68·8	81	70	65	149	77·8	78·0	66	63	21·5	19·6	66	60
11	30·020	29·948	77·2	68·0	78·2	68·8	81	67	63	154	77·4	78·0	63	63	19·4	19·6	61	60
12	30·025	29·950	77·6	68·4	80·0	70·0	81	67	63	149	77·8	78·0	64	64	20·2	20·6	61	59
13	29·998	29·946	77·2	68·6	80·2	71·0	81	66	62	155	77·4	77·8	64	66	20·0	21·9	63	62
14	29·931	29·832	73·0	67·0	76·0	69·0	82	67	63	148	77·5	77·9	63	65	19·9	21·1	72	69
15	29·883	29·813	76·2	70·6	78·0	71·5	83	66	63	149	77·2	77·6	67	68	23·0	23·5	75	71
16	29·936	29·870	75·2	70·8	78·6	71·8	84	68	65	149	77·4	77·4	68	68	23·5	23·7	80	70
17	29·982	29·891	75·4	71·6	81·2	72·6	84	67	64	147	78·0	77·4	69	68	24·1	23·5	83	65
18	30·012	29·918	79·0	73·0	83·3	75·1	85	69	66	150	78·8	77·8	70	71	25·1	26·1	74	67
19	30·008	29·895	81·2	75·2	84·8	75·4	88	72	69	154	79·2	78·0	72	71	27·0	25·9	75	63
20	29·993	29·951	83·4	76·8	79·0	76·8	85	76	73	150	80·4	78·5	74	76	28·3	30·8	73	90
21	30·008	29·919	78·0	75·6	78·2	75·2	84	71	70	151	76·3	78·7	74	74	29·0	28·3	89	86
22	29·942	29·917	77·6	74·0	73·0	71·0	79	74	72	118	77·9	78·8	73	70	27·6	25·0	84	90
23	30·013	29·939	76·0	72·0	76·0	72·0	79	71	70	131	75·0	77·0	70	70	25·0	25·0	82	82
24	29·965	29·911	75·0	72·0	74·2	69·5	77	72	68	112	75·5	77·2	71	67	25·5	22·6	86	78
25	29·915	29·858	75·0	72·0	71·2	70·8	77	70	67	125	76·0	77·5	71	70	25·5	25·3	86	98
26	29·922	29·849	70·8	69·8	75·0	72·0	77	69	68	133	75·2	76·8	69	71	24·6	25·5	95	86
27	29·921	29·832	74·6	72·0	81·0	74·4	83	67	63	150	75·4	77·0	71	71	26·2	26·3	88	72
28	29·889	29·820	80·0	74·0	82·8	74·2	84	71	69	147	77·1	76·8	71	70	26·0	25·4	74	65
29	29·920	29·857	78·2	74·0	80·2	74·6	81	72	70	145	77·8	76·9	72	72	26·9	26·7	81	76
30	29·976	29·891	78·8	73·8	80·2	74·8	84	73	70	151	77·4	77·0	72	72	26·5	26·7	78	77
31	29·978	29·891	78·9	73·1	76·0	71·4	83	70	66	161	77·6	77·2	70	69	25·1	24·4	75	79
Totals	929·775	927·450	2394·1	2230·7	2441·6	2246·6	2541	2179	2077	4500	2390·6	2399·9	2144	2142	758·3	758·5	2383	2269
Means	29·993	29·918	77·2	72·0	78·8	72·5	82·0	70·3	67·0	145·2	77·1	77·4	69·2	69·1	24·5	24·5	76·9	73·2

METEOROLOGICAL SUMMARY FOR MONTH OF OCTOBER, 1934.

Highest Pressure—30·097″ at 8.30 a.m. on 4th.
Lowest Pressure—29·813″ at 3.30 p.m. on 15th.
Highest Temperature in Shade—88° on 19th.
Lowest Temperature in Shade—66° on 13th and 15th.
Mean Daily Range—11·7°.
Greatest Range 17° on 15th and 17th.
Least Range 5° on 22nd and 24th.
Mean Temperature for month—76·1°.
Greatest Humidity—98 per cent at 3.30 p.m. on 25th.
Least Humidity—59 per cent. at 3.30 p.m. on 12th.
No of Days of —Rain, 15; Hail, 0; Thunderstroms, 2; Fog, 0; Gales (force 8 or more), 0.
Rainfall—Total, 11·48″; Average, 8·38″ for 50 years; Difference from normal, +3·10″; Greatest fall in 24 hours, 4·78″, on 20th.

VISIBILITY SUMMARY—NO. OF CASES OF

Hour.	X	A	B	C	D	E	F	G	H	I	J	K	L	M
8.30 a.m.	0	0	0	0	0	0	0	0	0	3	0	9	9	10
3.30 p.m.	0	0	0	0	0	0	0	1	1	2	3	7	8	9

Standard Distance of Objects used for Estimate of Visibility:—X—Nil, A—27 yards, B—55 yards, C—110 yards, D—220 yards, E—550 yards, F—1100 yards, G—1¼ mile, H—2½ miles, I—4⅓ miles, J—6¼ miles, K—12½ miles, L—18⅝ miles, M—31 miles.

AMOUNT OF CLOUD.

Number of cases of total cloud amount of.

Hour.	0	1/3	4/6	7/9	10
8.30 a.m.	0	6	9	12	4
3.30 p.m.	0	4	10	10	7

OCTOBER.

Wind Direction and Force (Beaufort Scale). I		II		Weather (Beaufort Letters). At time of Observation I.	During day 1 to 2.	At time of Observation II.	During night II to 1.	Cloud. Amount (0–10) I	II	Form. I	II	Direction whence coming. I	II	Amount of Rain. 7 hours during day measured at 15h. 30m.	17 hours measured next morning at 8h. 90m.	Sunshine. Hours and tenths.	Visibility I	II	State of Ground. I	II	Day.
(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	
Dir.	Fc.	Dir.	Fc.											in.	in.						
E.S.E.	3	E.X.N.	3	c	c,og	og	ogr,c	7	10	s-cu/cu/cu-n	a-s/cu/cu-n	W./E.	?/E.	Trace	0·10	1·7	I	J	0	0	1
Calm	0	E.	3	c	c,bcv	bc	bcv,c,bw	7	5	cu/cu-nb	cu/cu-nb	E.	E.N.E.	Trace	Trace	6·1	M	M	1	0	2
W.S.W.	2	S.S.E.	3	b	b,bc,c,og	ogjp	or	1	9	cu	cu/nb/st	W.S.W.	S.E.	..	0·27	6·4	M	J	5	0	3
S.E.	3	S.E.X.E.	3	o	o,c,bc	bc	o,c,bc	9	4	st-cu/cu/nb	s-cu/cu/cu-n	S.E.	-/S.E.	..	Trace	1·8	M	M	1	0	4
E.S.E.	3	S.E.X.E.	3	bc	bc	bc	bc,o,b	4	4	st-cu/cu	a-cu/cu/f-cu	W./E.	NW/SE.	..	..	8·5	K	K	0	0	5
E.S.E.	3	E.S.E.	3	b	b,bc	b	b,bc,c,	3	3	fr-cu/cu	a-cu/cu	E.	W./E.	..	..	7·8	L	L	0	0	6
E.X.N.	2	E.X.S.	4	c	bc,b	b	b,bc	7	2	a-cu/s-cu/cu	cu	W./E.	N.E.	..	..	10·6	M	L	0	0	7
E.X.S.	3	E.S.E.	3	b	b,bc,c	c	o,bc,c	3	8	fr-cu/cu	cu/cu-nb	E.	E.	..	Trace	8·0	L	L	0	0	8
E.	2	E.S.E.	4	c	c,bc	bc	bc	7	4	a-cu/cu/cu/n	fr-cu/cu	N.E./E.	E.S.E.	Trace	..	8·8	L	K	5	0	9
E.S.E.	3	E.X.S.	3	bc	bc,v	bcvy	bc,v	4	6	fr-cu/cu	ci/cu	F.	W./E.	..	..	9·6	M	M	0	0	10
E.S.E.	3	E.S.E.	4	bc	bcv,c	cvy	cv,bc,b	6	7	ci/ci-s/f-cu/	st-cu	W./E.	E.S.E.	..	..	9·9	M	M	0	0	11
S.E.	4	E.S.E.	4	bv	bv	by	bv,bc	3	3	fr-cu/cu	fr-cu/cu	E.	E.S.E.	..	..	10·2	M	M	0	0	12
E.S.E.	3	E.S.E.	4	bc	bc	bc,	bc,b	4	4	cu/cu-nb	cu/cu-nb	F.	E.	Trace	..	7·5	L	L	0	0	13
N.E.	2	E.	4	b	b,bc,o	o	od,c,bv	2	9	ci-cu	cu-nb	...	E.	..	0·02	7·8	L	M	0	0	14
Calm	0	S.	2	bv	bv,bc,cp	ovjp	op,v	2	9	a-cu-l/cu	cu-nb/nb	-/W.	S.	0·02	0·04	7·0	M	M	5	0	15
Calm	0	S.	3	ov	ov,c,bc	bcv	bcv	9	5	a-st/cu	st-cu	N.W./-	S.W.	..	..	5·6	M	M	5	0	16
S.S.W.	1	E.X.S.	3	bc	bc,cv	cv	cv,o,bc	6	7	cu/nb	st-cu/cu/nb	W.NW/E	NW/NE.	..	..	8·6	L	M	0	0	17
E.X.S.	2	E.	4	o	o,b,bcz	bcz	bcz,b	9	4	st-cu	a-cu-cas	N.W.	N.E.	..	..	9·1	L	L	0	0	18
N.E.	2	N.E.	4/5	bc	bcz	bcz	bcz,c	6	6	cu/cu-nb	ci/ci-st/cu	N.E.	W./N.E.	..	..	8·2	K	K	0	0	19
N.E.X.E.	2	E.	3	bc	bc,c,odtlg	odtlg	odtlg,bqk	4	9	a-cu-l/cu	a-st/st-cu	SW/NE	W/ENE.	Trace	4·78	4·4	K	I	0	5	20
E.N.E.	2	E.S.E.	5	c	c,bc,o	o	ogtlrd	8	9	a-cu/cu-n/n	a-st/nl/st	W./E.	W./E.S.E	Trace	0·09	3·4	K	I	2	2	21
E.X.S.	4/5	E.S.E.	4/5	o	ogrRd	od	odr	9	10	cu/nl/st	nb/st	E.	E.S.E.	2·13	0·18	0·6	I	H	2	2	22
E.S.E.	4/5	S.E.X.E.	4/6	o	od	o	od	10	10	nb/st	nb/st	E.	E.	0·03	0·03	0·0	K	K	2	2	23
E.X.S.	4/5	E.	4/5	o	o	o	oir	10	10	nb/st	nb/st	E.	E.	Trace	0·33	0·0	K	K	2	2	24
E.	3	E.S.E.	2	o	orrg	orrg	orrdgq	10	10	nb/st	nb/st	E.	E.	0·66	1·85	0·1	L	G	2	2	25
E.S.E.	2	S.E.X.E.	2	odg	od,c	od	od,c,b,bc	10	10	nb/st	nb/st	E.	S.E.	0·05	0·01	1·7	K	K	2	2	26
Calm	0	E.S.E.	4	bc	bc	bc	c,bc,od	4	6	cu/cu-nb	a-cu/cu-nb	S.E.	W./E.	..	0·04	9·8	M	L	2	2	27
E.N.E.	2	E.	4	bc	bc,b	b	b,cpq,r	6	3	cu/cu-nb	fr-cu/cu	N.E.	N.E.	..	0·69	11·3	K	L	2	1	28
N.E.	3	N.E.X.E.	4	cjr	c,or	c	bc,cpq	8	8	cu-nb/nb	a-cu/cu/cu-n	N.E.	NW/NE	0·05	0·04	5·1	I	K	2	2	29
N.E.	4	E.N.E.	4	c	bc,c	c	bc,b,c	8	8	cu-nl/nb	ci/cu/cu-nb	N.E.	SW/NE.	Trace	..	7·9	K	J	2	1	30
N.E.	3	N.E.X.E.	3	c	c,o	o	od,c	8	10	ci-ci/cu/cu-n	a-st	NW/NE.	N.W.	Trace	0·07	5·1	L	L	1	1	31
...	..	...	..	...	...	...	...	194	212	...	...	...	...	2·94	8·54	190·6	..	..	..	..	Total
...	..	...	..	...	...	...	...	6·3	6·8	...	...	...	...	..	..	6·1	..	..	..	..	Means

WIND SUMMARY.

	Force 8 or more.	4/7.	1/3.	Calms.	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.
8.30 a.m.	0	5	22	4	0	0	6	2	7	8	2	0	0	1	0	1	0	0	0	0
3.30 p.m.	0	16	15	0	0	0	3	1	10	10	4	1	2	0	0	0	0	0	0	0
	0	21	37	4	0	0	9	3	17	18	6	1	2	1	0	1	0	0	0	0

Prevailing Direction, E.S.E.; 8.30 a.m., E.S.E.; 3.30 p.m., E.S.E.

KATA THERMOMETER OBSERVATIONS IN "SCREEN."

Time of Observation between 9h. and 9h. 30m. F. 464.

Date.	Cooling Power. Dry Kata.	Wet Kata.	Date.	Cooling Power. Dry Kata.	Wet Kata.
1	6·3	14·1	17	5·9	14·1
2	4·2	11·0	18	4·4	12·9
3	5·3	13·6	19	5·0	15·0
4	6·0	14·5	20	3·5	14·5
5	4·8	14·1	21	4·6	13·6
6	6·1	15·5	22	7·1	19·3
7	5·1	15·0	23	7·8	15·0
8	4·8	14·1	24	..	..
9	5·9	16·0	25	5·2	13·7
10	5·7	13·6	26	6·0	13·2
11	5·3	16·0	27	5·4	12·9
12	6·2	19·3	28	4·8	15·2
13	5·3	17·2	29	4·9	13·5
14	..	..	30	6·7	17·2
15	4·2	13·3	31	6·1	17·2
16	4·9	13·8			
Totals	..	....	..	157·5	428·4
Means	..	..	..	5·4	14·8

WEATHER DIARY—OCTOBER, 1934.

Date.

1. Northerly airs to calm in early morning, increasing from E.S.E. 0700 force 3/4, backing E. 1200, gradually falling off after 1400 backing N.E. Cloudy to overcast and gloomy all day and night. Rain 2230 to 2240 and 2346 to 2348.
2. Light N.E by E. breeze 0010, calm 0150. Early morning cloudy, half to three-quarter cloudy all day and night. Light Easterly breeze 1038 increasing force 3, backing N.E. 1400 veering E. 1510, falling off 1700 backing N.E. Unusual visibility during the day.
3. Dew on grass in morning, clear sky, calm. Light W.S.W. breeze 0750, increasing force 3, gradually backing S.E. and sky covering. Overcast, gloomy afternoon and night. Light rain 1650 to 1905 and 2130 to 2242. Wind fell to force 1 1650 backing N.E. 1818 and to S.E. force 3 2154.
4. Light S.E. breeze after 0100 increasing force 3 0700. Early morning overcast and good visibility, half to three-quarter cloudy during the day, overcast night. wind backed E.S.E. 1816 falling off to force 2 2312.
5. Light E.S.E. breeze in early morning and half cloudy, increasing force 3 0700 backing E. force 2 2000. Cloudy to overcast after 2210.
6. Early morning fine, clear sky and light E. breeze veering E.S.E. force 3 falling off 1800 backing E. and to N. 2320. Clear sky at night.
7. Northerly airs in early morning and cloudy. Light to gentle Easterly breeze 0712 increasing force 4 gradually falling off after 1600 backing N.E. 2140. Clear sky after 1030.
8. N.E. airs in early morning veering E. force 2 0400 increasing force 3/4 0710 Clear sky during the day gradually covering during the afternoon, clearing 1930. Moderate E.S.E. breeze 0910, gradually falling to force 2 after 1400 backing E.
9. Gentle Easterly breeze in early morning and half cloudy. Cloudy 0750 and trace of rain and at 0905, then half cloudy. Wind increased force 4 0900. veering E.S.E., occasional gusts force 5, gradually falling off after 1600.
10. Half cloudy all day and night, unusual visibility during the day. E.N.E. airs in early morning backing N.E. veering E. 0430 increasing force 3 falling off to force 2 1700.
11. Northerly airs 0458 veering E.S.E. force 3/4 0610. Half cloudy, fine in morning, cloudy afternoon, half to quarter cloudy night. Unusual visibility during the day. Wind gradually fell after 1700 backing Northerly 2148.
12. Early morning fine quarter cloudy and light Northerly breeze and unusual visibility. Moderate S.E. breeze 0512 gradually falling off after 1800 backing E. Half cloudy night.
13. Northerly airs to calm 0335 increasing from E.S.E. force 3/4 0655. Early morning fine, half cloudy all day and night. Occasional gusts of wind force 5 during the day, gradually falling off after 1600 backing Northerly 2225.
14. Northerly airs to calm in early morning increasing from N.E. 0731 veering Easterly 1028 backing E.N.E. after 1600 falling off 1748, increasing force 4 from N. 2110 veering E.N.E. falling off 2212 backing Northerly. Clear sky during morning, gradually covering during afternoon, overcast night, drizzle 1955 to 2000 and 2225 to 2230.
15. Clear sky in early morning unusual visibility and Northerly airs to calm, increasing force 2/3 0850, becoming variable 1010 but very gradually veering to N.N.W. airs by 2120. Gentle to moderate squalls from S.S.W. at 1638, 1900 and 1925. Sky gradually covered after 1130. Showers 1148 to 1235 and 1825 to 1902.
16. Early morning overcast, unusual visibility and N.N.W. airs to calm. Half cloudy after 0930. Westerly airs 0835 backing S.S.W. and to S.E., variable 1112 force 3 veering S. 1512, gradually backing Northerly 1650 falling off.
17. Early morning fine, half cloudy and Northerly airs to calm. S.S.W. airs 0825, gradually increasing force 4 backing E. gradually falling off 1500 backing N.E. by E. 1720. Cloudy afternoon and unusual visibility, overcast evening, clearing about 2130.
18. Early morning cloudy to overcast, clearing 0920. Northerly airs to calm increasing 0740 veering Easterly force 3/5 falling off 1600 backing N.E. 1800. Object L visible during afternoon but thick haze to N.W., clearing at sunset. Clear sky at night.
19. Early morning fine, half cloudy and N.E. airs to calm increasing 0649 veering E.N.E. variable 0850. Moderate to fresh N.E. breeze 1105 falling off 1540 veering E. 1718 backing N.E. after 1900. Visibility good to seaward during afternoon, but slight haze over the land. Cloudy night. Lunar corona 2010.

Date.

20. N.E. airs to calm in early morning and half cloudy. Wind increased force 2 0700 from N.N.E. gradually veering E.S.E. force 4 backing E. 1146. Gentle breeze 1310 backing North-Easterly 1548. Light breeze 1635, Northerly airs to calm 1900. Sky covered 1230 and slight haze. Distant thunderstorm 1430 and thin drizzle increasing to heavy rain 1615 to 1650, then thin drizzle to 1710. Moderate thunderstrom 1510 to 1730 Sky cleared 1930, covering again later. Thin drizzle 2235.
21. Line squall from South-Westerly 0007 reaching force 6 (27 m.p.h.) at 0018 then rapidly falling off, increasing again from S.S.E. 'ly 0023 reaching force 7 (34 m.p.h.) at 0028, then rapidly falling to force 5 veering S. gradually falling off to force 1/3 by 0200, backing North-Easterly after 0335 veering E.N.E. 0712 and to Easterly 0900. Torrential downpour 0023 to 0100, heavy rain to 0200 then light rain and drizzle to 0630. Three-quarter cloudy after 0900, but low clouds, sky covering 1120. Wind gradually increased force 4/5 veering E.S.E., ocassional gusts force 6 between 1515 and 1648. Distant thunderstorm during line squall. Trace of rain 1600 and distant thunderstorm to N. lightning to S.S.W. till 2130. Rain 2335 to 2340.
22. Easterly breeze in early morning force 3/5 and overcast. Drizzle 0408 to 0418, rain and drizzle 0850 to 1145. Heavy rain 1230 to 1320 thence rain and drizzle to 1620. Drizzle 2140 to 2200. Wind veered S.E. after 1200 backing E.S.E. 1430 falling to force 3 1900.
23. Drizzle and rain 0016 to 0240. Moderate to fresh E.S.E. breeze 0306, increasing force 4/6 1025 moderating 1800. Overcast all day. Drizzle 1440 to 1525 and 2110 to 2112. Maximum wind velocity 28 m.p.h. from E.S.E. at 1658.
24. Rain to 0000 to 0003. Moderate to fresh E. breeze in morning. Overcast all day. Occasional gusts of wind force 6 to 7 during morning, maximum velocity 32 m.p.h. from E at 1529. Gentle wind after 1912. Intermittent rain 1832.
25. Intermittent rain to 0358. Wind backed N. 0042 falling off, increasing force 4/5 from E. by S. at 0135 falling to force 3/4 0724. Rain and gloomy 1058 to 2340 thence thin drizzle. Wind fell 1520. Gentle squal at 1614. Light to moderate squally E.S.E. breeze 1812.
26. Drizzle to 0915. Gentle S.E. breeze 0150 gradually backing E.S.E., and to N.E. 0930, veering South-Easterly 1004. Cloudy to overcast all day. Sky began to clear about 2100. Easterly airs 1800 backing N.E. 2040. Drizzle 1500 to 1540.
27. Northerly airs to calm in early morning and cloudless. Westerly airs 0900. Half cloudy 0815. Gentle variable S.E. breeze 0925 increasing force 4 from E.S.E. 1200 falling off 1630 backing E. and to N.E. 2100. Cloudy evening, clearing about 1900, covering later, drizzle 2323 to 2340.
28. N.N.E. airs to calm in early morning, increasing force 2 from E.N.E. 0708 veering E. force 4/5. Drizzle 0300 to 0325. Half to quarter cloudy all day, cloudy evening. Passing showers 1955. Wind backed E.N.E. 1600 and N.E. 1800 falling off, but occasional squalls to 2300.
29. N.E. winds in early morning and cloudy, passing showers to 0125. Light rain 0652 to 0720. Wind increased force 3/4 0732, increasing force 4/5 0930, falling off 1735, increasing force 3 2340. Light rain 0935 to 0958. Half cloudy night. Zodiacal light.
30. Gentle N.E. breeze in early morning. Squall force 5 at 0335 and passing showers to 0340 and at 0420. Gentle to moderate N.E. breeze 0710 and three-quarter to half cloudy during the day. Half to quarter cloudy night. Moderate to fresh breeze 0920 veering E.N.E. 1300 falling off 1600 backing N.E.
31. Cloudy morning and N.E. airs to calm, increasing 0635 to force 3/4, occasional gusts force 5, falling to force 3 1400. N.N.E. airs 1720 backing N. 1842. Overcast afternoon and night. Trace of rain at 1400. Drizzle 1920 to 2240. Rainbow to E. 1715.

ADDITIONAL NOTES.

Rainfall exceeded the normal by 3·10″ and mean temperature by 0·2° F. Mean pressure at 8.30 a.m. was 0·028″ above normal. The first 20 days were generally fine and pleasant, the remainder of the month being very wet. During the line squall on 21st, temperature fell 3½° F., whilst the barogram showed a momentary dip of 0·02″. 2·45″ of rain fell between 0023 and 0100, 37 minutes.

METEOROLOGICAL OBSERVATIONS TAKEN AT SUVA, FIJI,

DURING

NOVEMBER, 1934

NOVEMBER.

Day.	Air Pressure at Mean Sea Level in the Units of Measurement.		Temperature (degrees F.)										Humidity.					
			In Screen.						In Open.		In Ground.							
			Dry.	Wet.	Dry.	Wet.	Max.	Min.	Grass Min. Eve. to Morn.	Max. in Sun. Black Bulb in Vacuo.			Dew Point.		Vapour Pressure.		Percentage.	
	I	II	I		II						I							
			Tenths.				Whole Degrees.											
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
	in.	in.	°	°	°	°	°	°	°	°	°	°	°	°	mb.	mb.		
1	29·945	29·807	79·4	74·8	82·0	76·0	89	73	70	152	77·9	77·4	74	73	28·2	28·0	80	75
2	29·944	29·892	77·2	74·2	77·0	73·8	79	72	70	142	78·7	77·3	73	73	27·3	27·3	86	85
3	29·977	29·898	75·2	69·4	76·2	70·8	79	73	70	142	77·4	77·6	66	67	21·5	23·0	73	76
4	29·951	29·886	70·2	69·0	76·2	69·4	77	68	66	117	76·7	77·5	69	65	23·8	21·1	94	70
5	29·963	29·915	74·2	72·0	78·0	73·0	80	70	69	138	76·6	77·7	71	71	25·9	25·5	89	78
6	30·020	29·977	77·2	72·8	78·6	74·0	81	73	70	140	76·9	77·6	70	72	25·3	27·2	80	80
7	30·014	29·956	77·6	73·6	78·0	74·0	79	74	71	118	77·0	77·4	72	72	26·9	26·9	82	82
8	29·983	29·885	78·2	75·2	78·2	74·4	82	71	67	140	76·9	77·2	74	72	28·3	26·9	86	83
9	29·865	29·770	75·4	70·2	79·2	73·2	80	69	68	138	77·0	77·3	67	70	22·8	25·1	77	74
10	29·808	29·776	77·2	72·0	78·4	72·0	81	67	64	141	76·8	77·0	69	68	24·6	23·5	77	72
11	29·869	29·840	77·2	72·0	77·0	71·0	83	68	64	155	77·0	77·8	69	68	24·6	23·3	77	73
12	29·911	29·844	76·6	72·6	78·2	75·0	84	69	66	156	78·7	78·7	71	74	26·0	28·3	82	86
13	29·932	29·859	79·2	75·6	81·0	76·0	84	74	73	158	78·8	78·6	74	74	28·6	28·4	84	79
14	29·942	29·822	79·2	75·4	82·2	77·0	85	71	69	152	79·4	78·4	73	75	27·9	29·5	83	78
15	29·876	29·809	78·4	75·2	80·0	75·5	82	70	68	145	78·8	78·9	74	74	28·3	28·2	86	80
16	29·880	29·785	80·0	73·6	84·0	76·2	86	72	70	153	80·1	79·1	70	72	25·3	27·1	73	69
17	29·906	29·833	79·8	75·8	86·0	77·0	87	73	70	154	80·7	79·2	74	73	29·8	27·7	83	65
18	29·931	29·865	83·2	76·8	85·6	78·4	90	75	72	158	81·4	79·8	74	76	28·3	30·7	74	72
19	29·950	29·876	82·8	77·4	89·0	78·4	90	76	72	154	81·8	79·8	75	74	29·8	28·6	77	61
20	29·981	29·885	83·0	76·4	86·4	78·4	89	75	71	147	82·0	80·0	74	75	28·3	29·2	73	69
21	29·955	29·895	83·8	76·8	84·8	77·4	87	74	71	150	82·4	80·8	74	74	28·6	28·9	72	70
22	29·892	29·835	83·0	75·6	85·6	77·0	87	74	70	146	82·6	81·0	72	74	26·8	28·4	70	67
23	29·881	29·825	82·2	75·2	85·6	77·6	87	74	70	151	83·0	81·0	72	75	26·5	29·2	71	69
24	29·883	29·837	82·2	77·8	83·4	77·6	87	78	75	156	83·4	81·0	76	74	30·2	29·0	82	76
25	29·871	29·805	80·0	77·0	84·4	79·2	87	77	74	151	83·0	81·0	76	77	30·3	31·6	87	79
26	29·862	29·813	84·0	76·6	80·0	77·4	87	74	73	154	82·8	81·1	73	76	27·8	31·1	70	89
27	29·875	29·839	80·6	76·8	80·6	77·0	86	76	73	159	82·3	81·2	75	76	29·9	30·7	83	84
28	29·889	29·842	80·1	75·9	81·6	75·2	84	76	72	146	82·1	81·3	74	73	28·9	27·3	82	74
29	29·852	29·770	80·4	75·0	82·8	73·6	85	76	71	153	81·7	81·3	72	70	26·7	24·7	77	63
30	29·779	29·719	79·7	73·0	80·6	73·8	83	73	71	139	81·3	81·2	70	71	25·3	25·6	71	71
Totals	897·387	895·360	2377·2	2233·7	2440·6	2259·3	2,527	2,185	2,100	4,405	2395·2	2375·2	2,167	2,178	812·5	822·0	2,381	2,249
Means	29·913	29·845	79·2	74·5	81·4	75·3	84·2	72·8	70·0	146·8	79·8	79·2	72·2	72·6	27·1	27·4	79·4	75·0

METEOROLOGICAL SUMMARY FOR MONTH OF NOVEMBER, 1934.

Highest Pressure—30·020 at 8.30 a.m. on 6th.
Lowest Pressure—29·719 at 3.30 p.m. on 30th.
Highest Temperature in Shade—90° on 18th and 19th.
Lowest Temperature in Shade—67° on 10th.
Mean Daily Range—11·4°
Greatest Range—16° on 1st.
Least Range—5° on 7th.
Mean Temperature for Month—78·5°
Greatest Humidity—94 per cent. at 8.30 a.m. on 4th.
Least Humidity—61 per cent. at 3.30 p.m. on 19th.
Number of Days of—Rain, 17; Hail, 0; Thunderstorms, 4; Fog, 0; Gales (force 8 or more), 0.
Rainfall:—Total, 5·33″; Average, 9·89″ for 50 years; Difference from normal, −4·56″; Greatest fall in 24 hours, 1·75″ on 14th.

Visibility Summary—No. of Cases of

Hour.	X	A	B	C	D	E	F	G	H	I	J	K	L	M
8.30 a.m.	0	0	0	0	0	0	0	0	1	3	4	9	8	5
3.30 p.m.	0	0	0	0	0	0	0	0	6	4	1	10	5	4

Standard Distance of Objects used for Estimate of Visibility:—X—Nil, A—27 yards, B—55 yards, C—110 yards, D—220 yards E—550 yards, F—1,100 yards, G—1¼ mile, H—2½ miles, I—4½ miles, J—6¼ miles, K—12½ miles, L—18 miles, M—31 miles.

Amount of Cloud.

Number of cases of total cloud amount of

Hour.	0	1/3	4/6	7/9	10
8.30 a.m.	0	5	7	16	2
3.30 p.m.	0	3	5	18	4

NOVEMBER.

Wind Direction and Force (Beaufort Scale). I		II		Weather (Beaufort Letters). At time of Observation I.	During day I to 2.	At time of Observation II.	During night II to I.	Cloud. Amount (0–10) I	II	Form I	II	Direction whence coming. I	II	Amount of Rain. 7 hours during day measured at 15h. 30m.	17 hours measured next morning at 8h. 30m.	Sunshine. Hours and tenths.	Visibility. I	II	State of Ground. I	II	Day.
(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	
Dir.	Fc.	Dir.	Fc.											in.	in.						
N.N.E.	3	N.E.	3	c	c,bc	c	or,c	7	8	ci/ci-cu/a-cu	st-cu/cu/nb	SW/NNE	NW/NW	..	0·04	6·0	L	K	1	1	1
W.	2	S.S.W.	3	cjr	c,op	cjp	o	8	9	ci/ci-cu/cu-n	cu-nb/nb	W./S.W.	S.S.W.	0·05	Trace	1·6	K	L	1	2	2
S.E.	2	E.S.E.	3	o	o,d	od	od,r,id	9	9	a-st/cu/cu-n	st/nb	W./S.E.	E.S.E.	Trace	0·20	0·5	L	K	1	1	3
N.E.N.N.	1	E.S.E.	3	oid	oid	o	or,d	10	9	nb/st	st/nb	S.E.	E.S.E.	0·01	0·05	0·0	K	L	2	2	4
N.	2	E.	3	ojr	od	o	od	9	9	cu-nb/nb	cu'-nb/nb	E.	E.N.E.	0·01	0·02	0·3	K	K	2	1	5
E.	3	E.	4	o	oz	oz	oz	9	9	a-st/st/nb	a-cu/st	-/E.N.E.	-/E.	..	Trace	0·7	J	H	1	0	6
N.E.	3	E.N.E.	3	ozq	ozq	oz	oz	10	10	nb/st	st	N.E.	E.N.E.	Trace	Trace	0·8	I	H	0	0	7
N.E.X.E.	2	E.	3	ojpz	oz	oz	oz,tr,llq,b	9	10	nb/st	nb/st	E.N.E.	E.N.E.	Trace	0·18	1·3	H	H	5	0	8
W.X.S.	1	S.W.X.S	2	b	b,bc	bc	b,w	1	5	fr-cu	a-cu-l/cu	W.S.W.	WNW/SW	..	..	10·6	K	K	1	0	9
W.	1	S.S.E'ly	2	b	b,bc,cv	ov	ov,c,b	3	9	cu	st-cu	W.	N.W.	..	..	10·1	L	M	5	0	10
S.W.	1	E'ly	2	b	b,bc,c	c	c,o,bc,bw	3	8	cu	cu-nb	S.W.	N.E.	Trace	Trace	7·8	L	M	0	0	11
Calm	0	E.S.E.	3	bc	bc,c,od	od	oirdqc	5	9	s-cu/cu/cu-n	cu/nb	N.N.E.	E.S.E.	0·01	1·20	6·7	L	J	5	5	12
S.E.	3	E.S.E.	3	c	c,bc,o	ojr	od,r,bcv,c	8	9	cu-nb/nb	ci/cu-n/nb	S.E.	?/E.S.E.	..	0·35	7·5	L	K	2	1	13
E.S.E.	1	E.S.E.	4	cv	cv,bc,o	ov	td,RTLr,b	7	9	ci/cu/cu-nb	cu/nb/st	W./N.E.	E.	..	1·75	8·0	M	M	2	1	14
W.X.S.	2	S.E'ly	3	bv	bv,bc,o	ov	ov,r,c,bcv	1	9	cu	cu-nb/nb	W.S.W.	S.E.	..	0·23	8·6	M	M	2	1	15
E.	2	N.E.	4	bcv	bcv,b	b	b,bc,cq	4	3	s-cu/cu/cu-n	ci/fr-cu	W./S.E.	WSW/N.	..	..	10·6	M	L	2	0	16
Calm	0	N.E.	4	c	c,bcv,b	b	ct,b,bcv	7	2	ci/cu	cu	NW/SE.	N.N.E.	..	..	10·3	L	L	0	0	17
N.X.E.	2	N.N.E.	3	bcv	bcv,ctl	ctljr	ctlr,bcv	5	7	ci/a-cu/cu	fls-ci/cu-n/n	W/W/N.	S.W.	..	0·01	10·0	M	L	0	0	18
N.X.E.	3	N.N.E.	3	bcv	bcv	bc	cz,bc,bw	6	6	ci/cu	ci/cu-nb	W/NNE	W/WSW	..	..	9·3	M	K	0	0	19
N.E'ly	2	E.S.E.	4	bc	bc,b	b	bz,w	6	2	cu/cu-nb	ci/cu	N.E.	-/E.S.E.	..	..	11·1	K	K	5	0	20
E.	3	E.S.E'ly	3	b	b,bc	bc	bc,b	3	4	ci/cu	fr-cu/cu	SE/ENE	E.	..	Trace	11·7	K	K	0	0	21
E.X.S.	3	E.S.E.	4	bc	bc,z	bcz	bc,z	4	4	cu	cu	E.N.E.	E.S.E.	..	..	11·2	K	I	0	0	22
E.S.E.	3	E.S.E.	4	bc	bc	bc	bc,c,o	5	4	ci/cu	cu	?/E.S.E.	E.S.E.	..	..	11·7	K	K	0	0	23
E.X.S.	3	E.X.S.	4/5	o	o,cp	c	c,orl	9	7	s-cu/cu/n/s	s-cu/cu/n/s	?/E./	E./E.	0·01	0·05	4·7	J	K	0	0	24
E.X.S.	4	E.S.E.	4	o	o,c,bc	c	c,pq,o	9	7	cu/nb/st	ci/cu/nb/st	E.	W./E.	Trace	0·58	7·2	I	I	5	0	25
E.N.E.	3	E.X.N.	4	c	c,op	op	op,c	7	9	ci-cu/cu-nb	nb	W/ENE	E.N.E.	0·14	0·10	6·1	K	H	1	1	26
E.X.N.	3	E.	4	ojp	c,ojp	ojp	ojp,p	9	9	cu-nb/st	st/nb	E.	E.	Trace	0·02	4·2	L	H	1	1	27
E.N.E.	3	E.	4	ojr	op,z	oz	op,q	9	10	a-s/cu/n/s	a-st/st	-/E.N.E.	W./E.	0·03	0·03	2·4	J	I	1	1	28
E.X.N.	3	E.X.S.	4	oq	oq,cz	oz	ozq,p	9	9	ci-st/cu/nb	ci-s/s-cu/cu	?/E.S.E.	W/W/ESE	..	0·26	4·6	J	H	0	0	29
E.X.N.	4	E.X.S.	4	oqz	oqz	oz	oz,c,qr	9	10	ci-st/cu	a-st/fr-st	?/E	?/E.	..	Trace	1·5	I.	I.	1	0	30
...	..	...	..	...	...	...	...	200	224	...	...	...	...	0·26	5·07	187·1	..	..	..	..	Totals.
...	..	..	..	...	...	...	...	6·7	7·5	...	...	...	...	..	..	6·2	..	..	..	..	Means.

WIND SUMMARY.

	Force 8 or more.	4/7.	1/3.	Calms.	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.
8.30 a.m.	0	2	26	2	4	0	4	2	9	2	2	0	0	0	1	0	4	0	0	0
3.30 p.m.	0	14	16	0	0	2	3	1	10	10	1	1	0	1	1	0	0	0	0	0
	0	16	42	2	4	2	7	3	19	12	3	1	0	1	2	0	4	0	0	0

Prevailing Direction, E.; 8.30 a.m., E.; 3.30 p.m., E.

KATA THERMOMETER OBSERVATIONS IN "SCREEN."

Time of Obervation between 9h. and 9. 30m. F. 464.

NOVEMBER, 1934.

Date.	Cooling Power. Dry Kata.	Wet Kata.	Date.	Cooling Power. Dry Kata.	Wet Kata.
1	4·9	13·5	16	4·3	15·0
2	5·2	13·5	17	3·5	10·3
3	5·0	13·0	18	2·9	11·6
4	6·4	14·5	19	3·9	11·0
5	7·7	15·5	20	3·4	13·6
6	8·0	14·5	21	3·5	12·1
7	4·4	10·3	22	3·6	12·7
8	6·4	17·2	23	4·1	13·6
9	4·6	12·9	24	4·2	13·6
10	..	..	25	6·8	13·3
11	..	..	26	4·2	13·3
12	6·4	18·6	27	4·7	13·9
13	5·3	13·6	28	4·9	14·7
14	3·5	11·0	29	6·4	16·6
15	4·4	12·9	30	6·1	20·2
Totals	..	...	..	138·7	386·5
Means	..	...	..	5·0	13·8

WEATHER DIARY—NOVEMBER, 1934.

1. Gentle N.N.E. breeze 0103 falling off 0335. Drizzle 0205 to 0210. Light N. by E. breeze 0745 increasing force 3 veering N.E. 1335 increasing force 5, falling to force 3 1430 and to force 2 1616, veering E.N.E. and to E.S.Ely force 1 1735. Light W'ly breeze 2112, N.N.W. airs 2225. Half to three-quarter cloudy during the day, overcast night. Trace of rain at 1710.
2. Light to gentle W'ly breeze 0530 and overcast. Rain 0655 to 0705 then three-quarter cloudy to overcast all day and night. Light passing showers 0945 to 1250. Gentle to moderate variable breeze between W.N.W. and S.S.W. after 0930, steady from S.S.W. force 4 after 1300, backing S.S.E. 1740 falling to force 3.
3. Early morning overcast and light to gentle S.S.E. breeze backing S.E. 0820 and to E.S.E. 0920, veering S.E. 1632, backing E.N.E. 1930 falling off 1950. Light to gentle S.E. breeze 2242. Very thin drizzle 1525 to 1535. Rainbow to E. 1548. Rain 1950 to 2020.
4. Moderate to fresh S.S.E. breeze 0200, falling off 0330 backing E.S.E. and to N'ly 0548, then very gradually veering E.S.E. Intermittent drizzle 0410 to 1010. Calm 0930, N.E. airs 1000, gentle E.S.E. breeze 1024 falling to force 2 1557 backing E.N.E'ly 1656, N.E. airs to calm 1945. Rain 2145 to 2150. Overcast all day.
5. Light to gentle E'ly breeze 0012, occasional gusts force 4, backing N. force 2 0740, veering E.N.E. 0842. Overcast all day, drizzle 0425 to 0435, 0948 to 0958 and 1755 to 1820. Gentle to moderate E. breeze 1040 falling off 1700 backing N.E., increasing force 2 from E.N.E. 2300.
6. Wind veered E. force 3/4 0433. Overcast all day and night. Haze during afternoon. Light to gentle E.N.E. breeze 2100.
7. N.E. airs 0200. Squally winds 0800 force 2/4 veering E. by S. 0918 force 2, backing N.E. squally force 3/5. Gentle E.N.E. breeze 1348 veering E. 1550 falling off 2200 backing N.E. Overcast and hazy all day.
8. N.E. airs to calm in early morning, overcast and passing showers in sight. Trace of rain 0820. Light E.N.E'ly breeze 0730, increasing 0820 veering E., backing N.E'ly force 2/3 1615. Light N.N.E. breeze 2138 backing N. 2356. Hazy during the day. Distant thunder 1550 to 1605. Rain 1615 to 1840. Sky began to clear 1850, covering again later. Lightning all night.
9. Incessant lightning 0005 to 0330. Light N.W. breeze 0100 increasing force 3 from W. 0155 falling off 0230 backing N.W. Moderate to fresh squally S.S.W. breeze 0440 falling to force 3 0548 backing S. W. by S. airs 0743. Rain 0445 to 0512 then sky cleared. Half cloudy afternoon, clear sky at night. Light S.S.W. breeze 0932 increasing force 2/3 veering after 1900 to N.N.W. airs.
10. Early morning fine, quarter cloudy and dew on grass, calm 0600. N.N.W. airs 0820 backing S.S.W. and to S., increasing force 2/3, backing S.S.E. variable force 2 1500, veering S'ly 1627 and to N'ly 1930. Cloudy to overcast afternoon and unusual visibility. Clear sky at night.
11. Early morning fine, clear sky and N'ly airs, gradually covering after 1410, clearing again during the evening. Wind backed S. after 0925 increasing force 2/3 and to E.S.E. variable 1152, gradually falling off after 1350. Calm 1710, N.N.E. airs 1934.
12. N.N.E. airs in early morning, quarter cloudy and dew on grass. Calm 0710. Light S.S.W. breeze 0914 veering E.S.E. force 3 and sky covering. Variable squally winds force 1/3 after 1925, mainly N.N.E. Drizzle 1505 to 1535 and 1800 to 1805. Intermittent rain and drizzle 1940.
13. Intermittent rain and drizzle to 0340 and light S.E. breeze increasing force 3, falling to force 2 1700, backing N.E. 2100 falling off. Calm 2314. Half to three-quarter cloudy morning, overcast afternoon and night. Thin drizzle 1735 to 1900, rain 2120 to 2330.
14. Early morning fine, half cloudy, unusual visibility and N'ly airs to calm. E.S.E. airs 0748 and cloudy, wind increasing force 3/4, becoming variable 2100 force 1/2. Overcast afternoon, occasional drizzle from 1845. Distant thunder 1715. Heavy rain and severe thunderstorm 2135 to 2210, 1·70 inch falling in the 35 minutes, thence light rain to 2250.
15. Fine, clear sky in early morning and unusual visibility. Calm 0500, Light W. by S. breeze 0700 gradually backing S., increasing force 3, gradually backing to E.S.E. after 1440, falling off 2100. Sky covered after 1430. Overcast night, rain 1750 to 1810 and 1945 to 2030.
16. Early morning fine, cloudy, N'ly airs to calm and unusual visibility. Light N.E. breeze 0700 and sky cleared, veering E. 0749 and to E.S.E. 0848 increasing force 4 backing N.E. 1350 and to N.N.E. 1900 falling off. Half cloudy after 1600, cloudy night with cirrus clouds. Lunar halo 2010 to 2130.
17. Early morning fine, cloudy and N'ly airs to calm. Gentle squall from E.N.E. 0505. Light to gentle E'ly breeze 0917, increasing force 4, backing N.E. 1506, gradually falling off after 1700. Clear sky during the day, cloudy after 1630 and distant thunder to W. 1710 to 1750. Sky cleared 1900.
18. Half cloudy calm and unusual visibility in early morning. Light N.N.E. breeze 0630 veering N.E. 0948 increasing force 4 1200. Distant thunderstorm to W. 1430 to 1600 and sky clouded. Light rain 1550 to 1600. Wind backed after 1500, gradually falling off. Variable S.W'ly breeze 1713 veering N'ly after 1900 falling off. Half cloudy night.
19. Early morning fine, half cloudy, unusual visibility and N'ly airs to calm, gradually increasing from N.N.E. 0542 falling off 1010. Gentle to moderate N.E'ly breeze 1120 backing N.N.E. 1500, falling off 1600, then cloudy and hazy. Red sunset, half cloudy night.
20. N.N.E. airs to calm in early morning, clear sky and dew. Half cloudy 0810, clearing 1010. Wind increased force 3/4 from E.S.E. 0850, falling off 1700, backing N.E. 1832. Slight haze after 1600. Lunar corona observed occasionally during the night.
21. Early morning fine, clear sky, dew and N.E. airs to calm. Gentle E. breeze 0648, veering E.S.E. 0902, falling to force 2 1810. Sky half cloudy at times during the day and cloudless between 2030 and 2110.
22. Wind increased force 3 0130 falling off 0240 backing N.E. Early morning fine, half cloudy, gentle E'ly breeze 0700 veering E.S.E., backing E. 1748 falling to force 2, gradually veering S.E. after 2200. Slight haze during afternoon, red sunset.
23. Wind backed E. 0025, N'ly airs to calm 0048. Gentle E.S.E. breeze 0657 and half cloudy. Sky began to cover 1730 and wind increased force 3/4 2024.
24. Gentle E. by S. breeze in early morning and overcast, wind increased 0800 to force 4/5. Shower at 1156. Cloudy during the day. Rain 1835 to 1845 and 2300 to 2310. Lightning to S. 2000 to 2025.
25. Rain 0400 to 0405. Gentle to fresh gusty E. by S. breeze and overcast, half to three-quarter cloudy morning, cloudy and threatening afternoon. Wind gradually fell after 1600 backing E.N.E. Squally variable winds, mainly N.E., 1900 and passing showers from 1930.
26. Passing showers to 0425 and light N.E. breeze gradually increasing force 3/5, varying between N.E. and E. falling off 1600 to N.E. airs. Passing showers 0910 to 1840.
27. Wind increased force 2 0125 and light passing showers to 0320. Gentle E'ly breeze 0805, increasing force 4/5 0850. Gentle breeze after 1700, falling to N.E. airs 2330. Cloudy to overcast all day. Light passing showers 1525 to 1535. Pretty sunset.
28. E.N.E. airs 0302, increasing force 3/4 0630. Overcast all day. Heavy showers 0750 to 0753, 1214 to 1255 and 1920 to 1930. Wind veered E. 0930, increasing force 4/5 falling to force 3/4 1648. Pretty sunset.
29. Gentle squally E. breeze in morning and overcast, increasing 0833 to force 4/5, squally winds after 1600. Cloudy to overcast all day and night and hazy. Solar halo 1515 to 1605. Heavy passing showers of short duration 1933. E.N.E'ly winds after 2225.
30. Squally E.N.E'ly winds in early morning force 3/5, veering E. by N. 0625. Heavy passing showers to 0520. Overcast and hazy all day and night. Steady moderate breeze, occasional gusts force 5, from E. by S. after 1100, gentle breeze after 2200. Pretty sunset.

ADDITIONAL NOTES.

A fine and dry month, rainfall being 4·56″ less than normal. The first and last weeks were generally cloudy to overcast, whilst it was generally fine and clear for the remainder of the month. Most of the month's rainfall fell during nights of 12th to 15th. During the thunderstorm on night of 14th, 1·70″ fell between 2135 to 2210. Pressure at 8,30 a.m. was 0·020″ above normal, and mean temperature for the month 1·2° above normal.

METEOROLOGICAL OBSERVATIONS TAKEN AT SUVA, FIJI,

DURING

DECEMBER, 1934.

DECEMBER.

Day.	Air Pressure at Mean Sea Levels in the Units of Measurement.		Temperature (degrees) F.										Humidity.					
			In Screen.						In Open		In Ground.							
			Dry.	Wet.	Dry.	Wet.	Max.	Min.	Grass Min. Eve. to Morn.	Max. in Sun. Black Bulb in Vacuo.	I		Dew Point.		Vapour Pressure.		Percentage.	
	I	II	I.		II.						1 foot.	4 foot.	I	II	I	II	I	II
			Tenths.				Whole Degrees.				Tenths.							
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
	in.	in.	°	°	°	°	°	°	°	°	°	°	°	°	mb.	mb.		
1	29·717	29·676	82·0	75·8	83·0	77·0	86	76	72	159	81·1	81·1	73	74	28·0	29·0	74	75
2	29·787	29·742	82·0	74·0	84·8	75·0	86	73	70	148	81·2	81·0	70	70	25·1	25·2	67	62
3	29·829	29·754	81·8	74·2	84·0	75·0	85	75	70	150	82·0	81·0	71	71	25·8	25·7	69	64
4	29·821	29·779	81·2	73·0	83·4	73·8	85	72	68	150	82·2	81·0	69	69	24·2	24·0	67	62
5	29·845	29·774	81·2	72·4	84·0	73·6	86	72	69	146	82·7	81·0	67	68	22·8	23·5	64	59
6	29·831	29·771	81·0	73·2	84·0	74·4	86	73	68	153	82·6	81·0	69	70	24·2	24·9	67	62
7	29·813	29·720	81·6	72·4	83·3	73·9	88	74	70	155	82·5	81·1	68	69	23·7	24·0	63	63
8	29·715	29·677	81·9	74·9	79·0	77·0	84	75	71	133	82·8	81·0	72	76	26·5	30·8	71	91
9	29·719	29·669	77·0	75·8	78·8	77·0	85	76	71	146	81·5	80·7	76	76	30·2	30·8	94	92
10	29·817	29·788	79·2	75·2	81·0	75·0	82	76	73	143	81·8	81·0	73	72	27·9	27·0	83	74
11	29·872	29·831	77·4	73·0	82·2	74·8	83	71	67	144	81·8	81·6	70	71	25·3	25·8	80	70
12	29·850	29·785	78·8	72·2	82·8	73·2	84	73	70	147	82·3	81·7	69	69	24·4	24·0	71	61
13	29·840	29·764	78·0	73·4	84·2	74·8	86	70	67	145	82·3	81·7	71	70	26·2	24·9	80	63
14	29·835	29·789	74·0	72·8	83·2	75·8	85	71	69	150	82·2	81·6	72	72	27·3	26·8	94	70
15	29·905	29·836	80·8	74·0	81·4	75·4	85	72	69	154	82·2	81·7	71	72	25·6	27·0	71	75
16	29·933	29·862	82·0	74·0	84·2	75·4	86	76	73	147	82·6	81·7	70	71	25·1	25·7	67	65
17	29·895	29·816	80·8	75·6	84·0	76·4	87	74	69	152	82·6	81·6	71	73	25·6	27·8	70	70
18	29·821	29·764	75·4	74·6	84·0	79·0	86	74	73	157	81·6	81·3	74	77	28·2	31·6	96	79
19	29·826	29·716	81·2	77·2	90·0	81·2	91	74	72	150	81·2	81·2	75	77	29·9	32·1	83	67
20	29·816	29·787	78·8	75·4	76·8	75·6	86	74	71	155	81·7	81·2	74	76	28·6	30·2	85	94
21	29·815	29·730	78·8	74·4	85·0	78·2	88	72	70	150	81·1	81·4	72	75	27·2	29·6	80	73
22	29·815	29·766	78·6	76·4	85·4	79·0	86	74	71	152	82·0	81·3	76	76	30·8	30·4	90	75
23	29·821	29·750	79·6	76·8	85·0	78·2	87	75	72	153	82·7	81·4	76	75	30·3	29·6	88	73
24	29·796	29·719	84·0	78·0	85·6	77·8	88	75	71	154	83·2	81·8	75	74	30·1	29·2	76	70
25	29·735	29·661	81·6	76·4	83·8	76·8	88	75	71	154	83·9	82·0	75	74	29·5	28·6	78	72
26	29·693	29·615	82·6	75·4	81·8	77·6	87	75	72	152	83·9	82·3	73	76	27·5	31·0	70	82
27	29·671	29·651	81·8	78·0	80·2	77·4	85	76	74	154	83·1	82·3	76	76	31·0	30·3	84	88
28	29·735	29·700	83·0	77·4	85·6	77·8	87	75	71	153	82·8	82·4	75	75	29·8	29·2	77	70
29	29·769	29·701	79·8	75·8	85·4	77·2	86	74	70	154	83·8	82·7	74	73	28·9	28·1	83	68
30	29·788	29·739	81·0	75·0	84·9	75·3	87	73	68	150	84·0	82·6	72	71	27·0	25·9	74	62
31	29·853	29·795	82·2	74·6	85·2	76·2	86	74	70	146	84·1	83·0	71	72	25·8	26·7	69	65
Totals	923·988	922·127	2489·1	2319·3	2586·0	2364·8	2667	2289	2182	4656	2555·5	2528·4	2240	2260	842·5	859·4	2385	2216
Means	29·806	29·746	80·3	74·8	83·4	76·3	86·0	73·8	70·4	150·2	82·4	81·6	72·3	72·9	27·2	27·7	76·9	71·5

METEOROLOGICAL SUMMARY FOR MONTH OF DECEMBER, 1934.

Highest Pressure—29·933″ at 8.30 a.m. on 16th.
Lowest Pressure—29·615″ at 3.30 p.m. on 26th.
Highest Temperature in Shade—91° on 19th.
Lowest Temperature in Shade—70° on 13th.
Mean Daily Range—12·2°.
Geatest Range—17° on 19th.
Least Range—6° on 10th.
Mean Temperature for month—79·9°.
Greatest Humidity—96 % at 8.30 a.m. on 18th.
Least Humidity—59 % at 3.30 p.m. on 5th.
No. of Days of—Rain, 17; Hail, 0; Thunderstorms, 3; Fog, 0; Gales (force 8 or more), 0.
Rainfall—Total, 6·20″; Average, 12·60″ for 50 years; Difference from normal, —6·40: Greatest fall in 24 hours, 1·48 on 18th.

VISIBILITY SUMMARY—No. OF CASES OF

Hour.	X	A	B	C	D	E	F	G	H	I	J	K	L	M
8.30 a.m.	0	0	0	0	0	0	1	1	0	1	2	9	12	5
3.30 p.m.	0	0	0	0	0	0	2	0	0	3	0	13	8	5

Standard Distance of Objects used for Estimate of Visibility:—X—Nil, A—27 yards, B—55 yards, C—110 yards, D—220 yards, E—550 yards, F—1,100 yards, G—1¼ mile, H—2½ miles, I—4½ miles, J—6½ miles, K—12½ miles, L—18¾ miles, M—31 miles.

AMOUNT OF CLOUD.

Number of cases of total cloud amount of.

Hour.	0	1/3	4/6	7/9	10
8.30 a.m.	0	2	19	8	2
3.30 p.m.	0	7	13	7	4

DECEMBER.

Wind Direction and Force (Beaufort Scale). I		Wind Direction and Force (Beaufort Scale). II		Weather (Beaufort Letters) At time of Observation I.	Weather (Beaufort Letters) During day 1 to 2.	Weather (Beaufort Letters) At time of Observation II.	Weather (Beaufort Letters) During night 11 to 1.	Cloud. Amount (10-10) I	Amount (10-10) II	Form. I	Form. II	Direction whence coming. I	Direction whence coming. II	Amount of Rain. 7 hours during day measured at 15h. 30m.	Amount of Rain. 17 hours measured next morning at 8h. 30m.	Sunshine. Hours and tenths.	Visibility. I	Visibility. II	State of Ground. I	State of Ground. II	Day.
(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	
Dr.	Fc.	Dr.	Fc.											in.	in.						
ENE'ly	3	E.	4	c	c,bc	bc	bc,cPq	7	4	ci-cu/nb	ci/cu	W./E.	W./E.	..	0·14	9·3	J	L	1	0	1
E.	4	E.X.S.	3	bc	bc	bc	bc,cp	5	5	ci-cu/cu/cu-n	ci/cu	W./E.	W./E.	..	0·05	11·5	L	L	1	0	2
E.X.S.	3	E.S.E.	3	bc	bc	bc	bc,bq	5	4	cu	cu	E.	E.	..	..	11·7	K	K	0	0	3
E'ly	3	E.	4	bc	b,bc	bc	c,bc,b	4	6	cu	a-cu-l/cu-n	E.	W./W.	..	..	10·0	K	K	0	0	4
N.E.X.N.	2	E.	4	b	b,bc	bcy	c,b,bc	3	4	cu	a-cu/cu	E.	W./E.	..	..	10·9	L	L	0	0	5
N.X.E.	3	E.	4	bc	c,o,bc	bc	c,o,bc	6	5	a-cu/cu	ci-cu/a-cu/cu	W./N.	WNW/E	Trace	..	6·8	K	K	0	0	6
N.E.X.N.	3	N.E.	4	bc	bcz	bcz	bcz,c,b	4	6	ci/cu	a-cu/cu	W./N.E.	W./N.E.	..	..	8·5	L	I	0	0	7
N.N.E.	4	E.N.E.	3	c	c,odr	od	od,bc,or	8	10	ci/a-st/st	nb/st	W/W/N.	N.N.E.	0·13	0·17	3·7	L	I	0	1	8
N.	1	S.W.X.S	4	or	ord,bc,rK	orKq	orKq,Rt,b	10	10	nb/st	nb/st	N.	W.S.W.	0·14	0·27	1·7	G	F	1	1	9
W.S.W.	2	S.W.X.S	5	bc	bc,b	b	b,bc,v	4	3	ci/cu/cu-nb	ci/a-cu-cas	S/WSW	SW/NW.	..	..	11·6	L	L	1	0	10
S.	1	S.S.W.	3	bcv	bcv	bcv	bcv,cd	5	4	ci/cu	ci/cu	-S.S.W.	-/S'	..	Trace	11·9	M	M	0	0	11
S.X.E.	3	S'ly	3	bc	bc,b	b	bv,v	4	2	ci-cu-lent/cu	fr-cu/cu	-/S	S.S.E.	..	Trace	11·4	L	L	5	0	12
Calm	0	S.E'ly	3	bv	bv	bv	bv,c,odrq	2	2	cu	s-cu/fr-cu	N.	SE./SE.	..	0·25	11·0	M	M	5	0	13
N.E.X.N.	3	E.S.E.	3	odr	odr,c,bc	bc	c,or,bc	10	6	nb/st	ci-cu/cu/cun	N.E.	W/ESE.	0·02	0·10	4·7	F	L	1	1	14
S.E'ly	2	E.	4	bc	bc,c	cjpq	cq,or,bc	5	7	cu	cu-nb/nb	S.E.	E.	..	0·10	9·5	L	K	1	0	15
E.N.E.	3	E.	4	bc	bc	bc	bc,c	4	4	cu	cu	E.N.E.	E.	..	..	12·1	K	K	0	0	16
E.N.E.	3	E.	4	bc	bc,c	c	cpP,odr	5	7	cu	a-cu/cu-nb	E.N.E.	N./E.	..	0·66	9·7	K	K	0	0	17
N.E.	2/3	N.E.	3	od	od,c,o	o	oRrq,c	9	9	cu/nb/st	a-st/nb	N.E.	?/NNE.	Trace	1·48	2·4	K	K	1	1	18
N.	3	N.	3	c	cv	cv	cv,or	7	8	ci/cu/nb/st	ci/ci-s/cu/n	N.W./N.	W./N.	..	0·87	7·5	M	M	2	1	19
Calm	0	N.E.X.N.	2	c	cv,ort	or	or,c,bcv	8	10	st/-cu	nb/st	NN..W.	N.E.	0·32	0·42	2·7	M	F	2	2	20
Calm	0	S.S.E.	3	bcv	bcv,c,o	ov	ov,tlrq,c,b	6	9	ci/ci-cu/cu	ci/nb/st	WNW/N	W/ENE.	..	0·12	7·6	M	M	2	1	21
W.S.W.	1	S.E.	4	bc	bc	bc	bc,bw	5	6	cu-nb	ci/cu/cu-nb	N.	W./S.E.	..	Trace	9·4	L	K	2	1	22
S.X.W.	1	E.S.E.	3	bc	bcv	bcv	bc,bw	4	5	cu/cu-nb	cu/cu-nb	E.	E.S.E.	..	Trace	10·6	L	M	5	0	23
N.N.E'ly	1	E.	4	bc	bc,b	b	b,bcw,c	5	2	cu	cu	N.E.	E.	..	Trace	12·0	K	K	0	0	24
N.E.X.E.	2/3	E.	4	c	c,bc	c	o,bc,cp,z	7	7	ci/cu/cu-nb	fls-c /cu/cu-	?/N.E.	WNW/E	..	0·01	9·3	K	K	5	0	25
E.S.E.	2	E.S.E.	2	bcz	bcz,c,oirq	ojrq	oirRq,rR	5	10	ci/cu	nb/st	W./E.	E.S.E.	0·01	0·77	6·3	J	I	0	5	26
E.	2/3	E.N.E.	1	ojr	c,oid	oid	oid,c,bc	9	9	ci/cu-nb/nb	nb/st	W./E.	E.N.E.	0·02	Trace	3·7	I	K	2	2	27
E.S.E.	2	E.S.E.	3	c	c,bc	bc	bc	7	4	ci/cu/cu-nb	ci/cu	W./E.	WNW/SE	..	Trace	11·4	K	K	1	0	28
Calm	0	S.E.	3	bc	bc,b	b	b,bc	4	2	cu/cu-nb	cu	S.S.E.	S.E.	..	..	11·8	L	L	5	0	29
E.	2	E.X.S.	4	bc	bc,b	b	b,bc,cp	6	3	cu/cu-nb	fr cu/cu	E.	E.	..	0·14	11·1	L	L	0	0	30
E.X.N.	3	E.	4	bc	bc,b	b	b,od	4	2	ci-s/f-cu/cu	cu	W./E.	E.	..	0·01	12·3	L	K	5	0	31
...	..	...	..	...	...	...	...	177	175	...	...	...	...	0·64	5·56	274·1	..	..	..	..	Total
...	..	...	..	...	...	...	.... ..	5·7	5·6	. .	...	...	...	..	..	8·8	..	..	..	..	Means

WIND SUMMARY.

	Force 8 or more.	4/7.	1/3.	Calms.	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.
8.30 a.m.	0	2	25	4	3	2	5	3	6	2	1	0	3	0	0	2	0	0	0	0
3.30 p.m.	0	15	16	0	1	0	3	2	12	5	3	1	1	1	2	0	0	0	0	0
	0	17	41	4	4	2	8	5	18	7	4	1	4	1	2	2	0	0	0	0

Prevailing Direction, E.; 8.30 a.m., E.; 3.30 p.m.,E.

KATA THERMOMETER OBSERVATIONS IN "SCREEN."

Time of Observation between 9h. and 9h. 30m. F. 464.

DECEMBER, 1934.

Date.	Cooling Power. Dry Kata.	Cooling Power. Wet Kata.	Date.	Cooling Power. Dry Kata.	Cooling Power. Wet Kata.
1	6·3	17·9	17	5·7	17·2
2	4·2	14·3	18	6·0	11·9
3	6·6	12·9	19	3·7	11·9
4	3·8	17·9	20	2·9	8·8
5	4·4	14·5	21	3·0	9·2
6	4·6	14·7	22	5·7	14·1
7	3·4	12·9	23	5·2	14·5
8	4·1	13·3	24	3·6	10·3
9	4·3	9·1	25	3·7	11·2
10	5·6	15·5	26	3·9	12·2
11	5·3	13·6	27	4·1	11·9
12	7·5	18·9	28	3·7	11·9
13	4·1	15·0	29	5·0	13·6
14	5·3	16·0	30	..	...
15	4·1	15·0	31	4·9	15·5
16	5·1	19·3			
Totals	..	...	..	139·8	415·1
Means	..	...	..	4·7	13·8

WEATHER DIARY—DECEMBER, 1934.

Date.

1. Early morning overcast, calm 0510. Moderate squally E. breeze 0722 to 0728 and light rain, then variable E.N.E. airs increasing force 3 0805 and to force 4 from E'ly 0840, and sky gradually cleared to half cloudy. Wind veered E.S.E. 1049 backing E. 1350 falling off 1746 backing N.E. Sudden squall force 5 at 2111 and heavy passing shower to 2125. Gentle squall at 2342.
2. N.E'ly winds in early morning veering E'ly 0456 increasing force 3/4 0626. Heavy passing shower 0348 to 0350. Frequent gusts of wind force 5 during the day, gentle breeze after 1730. Half cloudy all day, cloudy evening. Passing shower at 2018.
3. Passing showers at 0005 and 0228, then fine and half cloudy. Gentle E. by S. breeze blowing veering E.S.E. Frequent gusts force 4 during the day. Light to gentle breeze after 1900. Clear sky at night.
4. N.N.E. airs in early morning. Gentle squall at 0238. Variable gentle E. breeze 0652 and half cloudy, increasing force 4. Cloudy afternoon, half to quarter cloudy night. Gentle breeze after 1700, gradually falling off backing N.E.
5. N.N.E. airs in early morning and clear sky. Light variable N.E. by N. breeze 0708 veering E. force 4, gentle breeze 1600 falling off 1800 backing E.N.E. then to N. Cloudy after 1600, clear night.
6. N'ly winds in early morning force 1/2 and cloudy. Half cloudy 0820 and wind increased force 3 falling off 0950. Gentle S'ly breeze 1035 and trace of rain, backing E. 1051 increasing force 4 1112, backing N.E. 1600, gradually falling off. Overcast night.
7. Early morning fine cloudy and light N. to N.E. winds to calm, increasing force 3 after 0700 and sky clearing. Moderate to fresh N.E. breeze 1050, gradually falling to force 2 after 1625. Hazy during the day. Sky began to cover 1600, clearing 1800 stars shining very brightly during the night.
8. Early morning fine and clear, wind increased force 3 from N.N.E. 0456 and to force 4 0750 and sky covering. Gentle breeze 1100, drizzle and rain 1140 to 1530. Light breeze 1300 veering N.E'ly force 2/4 1510, falling off 2000 backing N'ly 2215. Half cloudy after 1650.
9. Calm 0008, occasional gentle squalls from N. by W. after 0035. Light N.N.E. breeze 0510 and overcast, calm 0958. Drizzle and rain 0735 to 0900, 1030 to 1120 and 1312 to 1325, then half cloudy. Gentle N.N.W. breeze 1012 falling off 1057; light N. breeze 1300 increasing force 3 1424 and sky covering. Line squall from W.S.W. 1458 and light rain, veering S.W. by S. 1503 force 6 (28 m.p.h.), then rapidly falling to force 4, veering W'ly force 2/3 1600. Heavy rain 1610 to 1620 and distant thunder, then cloudy to overcast.
10. Early morning half cloudy, wind gradually backed S.S.W. force 3/4, veering W.S.W. force 2/3 0613, backing S.S.W. force 3 0840, then very gradually veering S.W. increasing force 4/5 backing S'ly 2025 falling off. Quarter cloudy during the day, half cloudy night, pretty sunset.
11. N.E. airs to calm 0100. Fine half cloudy all day and unusual visibility. S'ly airs 0828 veering S.W. and to S.S.W. 1000 gradually increasing to force 3 veering S.W. after 1600, backing S'ly 1835.
12. N'ly airs to calm 0312. Drizzle 0712 to 0715 then half cloudy. Gentle S. by E. breeze 0756, veering S.S.W. becoming variable 1310 falling off 1742, backing S.E. and to N'ly 2140. Clear sky during the afternoon and night and unusual visibility. Beautiful sunset.
13. N'ly airs in early morning, calm 0620, dew, clear sky and unusual visibility. S.S.W. airs 0900 increasing force 3, backing S.E. variable, and to force 4 1715 and sky covered. Variable gentle E. breeze after 1900. Drizzle and rain 2240.
14. Squally winds force 2/4 0000 to 0100 then N'ly airs. Rain and drizzle to 0225. Light S.E. breeze 0520 backing N.N.E'ly 0540, drizzle and rain 0545 to 0850 then three-quarter to half cloudy. Gentle breeze 0850 veering E.S.E. 1014 backing N.E. 1050 gradually veering E.S.E. 1200 backing E. 1900, gradually falling off.
15. N.N.E. airs to calm 0020. Rain 0110 to 0120 then fine and half cloudy. Light variable S.E. breeze 0812 increasing force 4 backing E, becoming squally 1525, gradually falling off 1632, backing N.E. Gentle E.N.E. breeze 2314. Cloudy afternoon, passing showers in sight. Rain 1946 to 2014 then half cloudy.
16. N.E. airs 0400. Half cloudy, fine all day and night except between 1900 and 2030 when sky became cloudy and threatening. Gentle to moderate E.N.E. breeze 0718 veering E, occasional gusts force 5 during the day, falling off 2100. Calm 2310.

Date.

17. Early morning fine, half cloudy and calm. Gentle E.N.E. breeze 0702, fresh gust at 0840, moderate to fresh E. breeze 0900 falling off 2200 backing E.N.E. N.E. airs 2240, gentle E.N.E. breeze 2318. Sky began to cover 1520. Light passing showers 2102.
18. Heavy passing shower 0158 to 0208. Overcast drizzle and rain 0342 to 0848. Wind increased force 4/5, falling off 0200. Light to gentle N.E. winds from 0340 increasing force 3/4 0948, gentle breeze after 1415. Moderate to heavy rain 1612 to 1725 and 2212 and squally winds force 3/5 to 2345.
19. Moderate to heavy rain to 0010, light rain 0613 to 0650. N.N.E. winds force 1/2 in early morning backing N. 0730 increasing force 2/4 falling off 2103 backing N.W'ly. Moderate gust at 2212. Cloudy all day and unusual visibility, overcast night. Solar halo observed 1325 to 1545. Rain 2356.
20. Wind gradually backed to N.N.E. airs to calm, rain to 0145 then cloudy. Unusual visibility during the morning. Overcast, rain 1330 to 1915 then cloudy. Distant thunder 1320 to 1330. Pretty sunset. Light variable winds to calm all day.
21. Early morning calm, half cloudy and unusual visibility. Solar halo observed 0725 to 0745 and 1140 to 1430. S.S.W. airs 1038 gradually increasing and sky covering, backing E.S.E. 1250 veering S.S.E. 1400, backing suddenly to N.E. 1533 falling off backing N. and to W. squally 1725. Calm 1855. Light and moderate thunder storm 1700 to 1810. Half to three-quarter cloudy night.
22. Early morning fine, half cloudy with threatening cu-nb clouds, and calm W.S.W. airs 0825 very gradually backing E. increasing force 2/3 1000 falling off 1800. Calm 2148. Half cloudy all day.
23. Early morning fine, clear sky. Calm and dew on grass Half cloudy during the day and unusual visibility. S. by W. airs 0818 increasing force 2/3 very gradually backing E. and to N.E. 2320 falling off.
24. Clear sky in early morning calm and dew on grass. Variable N.N.E. airs 0740 and half cloudy, veering E.S.E. 0940 force 3/4 falling off 1722 backing N.E. Calm 1954. Half cloudy night.
25. N.E. airs 0558 gradually increasing force 3/4 veering E. gradually falling off 1522 backing E.N.E. Dew on grass in morning half to three-quarter cloudy during the day, covering 1600. Calm 2220, half cloudy night.
26. Calm in early morning, half cloudy and hazy. Cloudy and passing shower 0647 to 0650. Light to gentle E.S.E. breeze 0716 becoming squally 1510 and light to heavy intermittent rain to 2110. Wind backed N.E. 1908 falling off 2010.
27. Moderate to heavy rain 0135 to 0310 and variable airs to calm and overcast. Light N.E. breeze 0740 increasing and veering E'ly falling off 1300 backing E.N.E. Calm 1920 then intermittent drizzle 1240 to 1540. Very pretty sunset, greenish tinge in western sky. Half cloudy night.
28. Early morning fine, half cloudy and calm. Light E.S.E breeze 0750 then half to three-quarter cloudy, wind increasing force 3, falling to force 2 1830, calm 2240 Half cloudy afternoon and night, stars shining very brightly.
29. Half cloudy and calm in early morning, trace of rain 0730 S.S.W. airs 0837 increasing force 2, backing S.E. force 3 1400 and to E.S.E. 1700 gradually falling off backing E, calm 2312. Clear sky during the day, half cloudy night.
30. Early morning fine, half cloudy and calm E.N.E. airs 0740 veering E. force 2 0800, gradually increasing force 3/4, falling off 1700 backing E.N.E. 1845, calm 2100. Clear sky during the day, half to three-quarter cloudy night. Zodiacal light 1950.
31. Light E. breeze 0310 falling off 0332 to N'ly airs to calm. Cloudy and passing showers 0340 to 0430 then fine and half cloudy. Gentle E. breeze 0646 increasing force 4 gradually falling off after 1655 backing N.E'ly. Clear sky during the day, covering 2130. Trace of rain at 2210.

ADDITIONAL NOTES.

A fine summer month. Mean temperature was 1° F. above normal, but there were no extremes. The total number of hours of bright sunshine was 274·1. Rainfall was below normal to the extent of 6·40 inches.

A cyclone passed over Keppel Island, Tonga, on 28th at 0200 G.M.T. Eastern date, moving E.S.E., barometer at that time being 28·679.

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT LEVUKA FOR THE YEAR 1934.

Months.	Mean Pressure Corrected to 32° Faht. 45° Lat. and M.S.L.	Air Temperature. F°.							Mean Humidity per centage.	Prevailing Wind Directions.
		Means of			Absolute Max. and Min.					
		Max.	Min.	Mean.	Max.	Date.	Min.	Date.		
	"	°	°	°	°		°			
January	29·868	84·6	76·3	80·5	87	8	74	29	81·2	S.E.
February	29·869	84·6	75·8	80·2	87	9	72	19	81·8	S.E.
March	29·800	84·3	76·6	80·4	88	13	71	25	80·5	S.E.
April	29·876	82·0	75·0	78·5	85	9, 12	73	9, 17, 18, 20, 23, 25	80·3	S.E.
May	29·962	79·9	72·9	76·4	84	4, 11	70	15, 30	82·7	S.E.
June	29·997	79·3	73·6	76·5	84	12	70	25	82·5	S.E.
July	29·994	78·2	71·0	74·6	81	28, 30	68	25	80·5	S.E.
August	30·054	77·4	71·5	74·4	81	27	69	13, 31	80·2	S.E.
September	30·001	77·4	71·2	74·3	85	25	65	15	81·0	S.E.
October	30·021	78·6	72·3	75·5	83	3	69	26, 27, 28	80·8	S.E.
November.	29·917	81·4	74·9	78·1	85	18, 19	70	2	81·4	S.E.
December	29·782	81·6	75·9	78·8	84	10, 24	72	14	78·4	S.E.
Year	29·928	80·6	73·9	77·3	..	....	..	....	80·9	S.E.

Note.—Observations are taken at 9 a.m. Standard Time by the Harbour Master, Levuka. The site is not considered as " conventional," as it is on the wharf reclamation and rather close to buildings. Position of Station—Latitude, 17° 41′ South; Longitude, 178° 49′ East.

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MAKOGAI LEPER STATION BY THE MEDICAL SUPERINTENDENT.

1934.

Months.	Mean Pressure in Inches Corrected to 32° Faht. 45° Latitude and Mean Sea Level.		Air Temperature (F°.).											Mean Dew Point (Degrees).		Mean Vapour Pressure in Millibars.		Mean Percentage of Relative Humidity (Saturation =100).		Mean Amount of Cloud (0—10).	
			Mean Dry Bulb.		Mean Wet Bulb.		Means of		Mean.	Absolute Max. and Min.											
							Max.	Min.		Max.	Date.	Min.	Date.								
	8.30	3.30.	8.30	3.30	8.30	3.30								8.30	3.30	8.30	3·30	8.30	3.30	8.30	3.30
January	29·801	29·775	82·8	85·2	76·9	77·5	87·6	75·7	81·7	92	23	72	27, 28	74·2	73·2	29·0	28·8	76·2	69·7	5.6	6·2
February	29·842	29·765	82·0	83·8	76·4	77·2	86·1	74·7	80·4	89	16, 17	71	24	73·8	74·3	28·6	29·4	75·3	73·1	6·3	6·5
March	29·791	29·727	83·0	84·1	76·9	77·4	86·9	76·0	81·4	89	2,3,12,18,19	71	26	74·2	74·5	28·9	29·1	73·5	72·0	6·6	5·9
April	29·897	29·826	81·1	82·1	75·7	76·5	85·9	74·9	80·4	88	1, 4	72	2	73·2	74·0	28·0	28·8	75·3	74·9	5·8	5·2
May	29·915	29·832	78·9	79·0	74·8	73·9	82·8	73·3	78·1	88	3	71	15, 29	71·9	71·2	27·0	26·4	79·5	77·4	7·0	6·7
June	29·945	29·882	78·4	79·4	73·5	73·6	83·0	73·0	78·0	85	2, 11, 21,29	71	15, 16	71·0	70·7	26·1	25·7	79·9	74·6	5·7	6·6
July	29·937	29·885	76·1	78·5	71·3	72·6	81·7	71·2	76·4	83	Various	67	21	68·9	69·5	24·3	25·6	77·7	74·1	5·5	6·2
August	29·994	29·919	76·5	78·2	71·9	72·2	81·5	71·6	76·6	84	7, 25, 26	69	6, 31	70·1	69·2	25·2	24·5	79·5	74·6	5·4	5·6
September	29·968	29·890	76·2	77·6	70·7	70·9	80·9	70·7	75·8	86	24, 25, 26	66	10, 14, 15	67·7	68·0	23·4	23·5	75·6	71·6	6·9	6·9
October	29·968	29·906	78·4	80·7	72·7	73·1	83·3	71·7	77·0	86	2, 3, 19	67	11, 15	70·1	69·7	25·3	24·5	75·3	68·4	5·9	6·3
November	29·890	29·825	80·9	83·0	75·3	75·9	85·4	74·6	80·0	89	18, 19	68	11	72·7	72·6	28·1	27·4	76·5	75·9	5·9	5·9
December	29·793	29·740	81·2	83·9	75·1	76·1	85·4	74·3	79·8	88	23	71	13	72·3	72·2	27·2	27·3	74·9	70·1	5·9	5·5
Year	29·895	29·831	79·6	81·3	74·3	74·7	84·2	73·5	78·8	..	....	..	....	71·7	71·6	26·9	26·9	76·6	73·0	6·0	6·1

Observations are taken at 8.30 a.m. and 3.30 p.m. but the correct time is not always available. However, it is seldom more than 15 minutes out. There are occasions in each month when the observer has been unable to take observations.

Position of Station:—Latitude, 17° 26′ 52″ South; Longitude, 178° 58′ 38″ East.

RETURN OF MAXIMUM, MINIMUM AND MEAN TEMPERATURES AT VARIOUS STATIONS IN FIJI DURING 1934, WITH ABSOLUTE MAXIMUM AND MINIMUM AND DATES OF THEIR OCCURRENCE.

Months.	Mean Max.	Mean Min.	Mean.	Abs. Max.	Date.	Abs. Min.	Date.	Mean Max.	Mean Min.	Mean.	Abs. Max.	Date.	Abs. Min.	Date.	Mean Max.	Mean Min.	Mean.	Abs. Max.	Date.	Abs. Min.	Date.	Mean Max.	Mean Min.	Mean	Abs. Max.	Date.	Abs. Min.	Date.
	Labasa, Macuata Province. Observer, Manager C.S.R. Co., Ltd.							Lautoka, Ba Province. Observer, Manager C.S.R. Co., Ltd.							Nadarivatu, Colo North Province. Observer, District Commissioner.							Nausori, Tailevu Province. Observer, Manager, C.S.R. Co., Ltd.						
January ..	87·0	73·0	80·0	91	3	70	2, 29, 31	87·9	73·9	80·9	91	4, 24	69	27	78·2	63·9	71·0	84	2	61	1, 4, 19	87·3	72·9	80·1	91	1, 20	69	26, 27
February .	89·0	73·0	81·0	94	6, 8, 10	72	Various	88·1	76·4	82·3	92	22	70	20	77·7	62·2	69·9	81	6, 28	60	Various	87·0	71·9	79·5	90	16	69	3
March	86·0	72·0	79·0	90	2, 6	68	5	86·8	72·2	79·5	91	13	69	27	77·5	62·4	69·9	82	31	60	1, 4, 20, 24, 26	85·7	72·0	78·7	91	12	69	2, 24
April	86·0	70·0	78·0	88	2, 3, 5, 9, 12, 16, 31	64	21	86·6	70·4	78·5	90	5	66	22	79·0	62·2	70·6	82	6, 22	60	Various	83·6	70·4	77·0	88	2	66	21
May	85·0	71·0	78·0	88	3, 5, 7, 14	66	9, 10	83·1	71·3	77·2	95	2	68	21	77·3	62·5	69·9	80	Various	60	1, 6, 18, 20, 22	80·4	70·5	75·5	89	11	68	11
June	83·0	69·0	76·0	86	5, 12, 14, 23, 29, 30	66	Various	84·0	68·2	76·1	87	4, 5	65	15, 24, 26	76·2	..	..	80	Various	..	....	79·9	68·0	73·9	88	12	62	25
July	83·0	67·0	75·0	86	12, 28	60	21, 23, 31	82·7	66·1	74·4	89	12	61	19, 29	73·5	..	..	80	1, 3, 8, 10, 12	..	....	78·0	66·1	72·1	84	28	58	18
August ...	83·0	66·0	74·5	86	10, 15, 16, 23, 27, 28, 30	62	2, 3, 4, 13, 14	84·3	66·1	75·2	87	23, 24, 26, 30	63	3, 13	73·3	59·5	66·4	80	23	55	5, 7	79·3	64·8	72·1	85	18, 25	60	2, 31
September	82·0	68·0	75·0	90	7	60	10, 11, 19	83·5	66·8	75·1	88	6	60	13, 19	71·6	60·0	65·8	79	10	54	19	80·2	66·2	73·2	90	26, 27	60	1
October ..	84·0	68·0	76·0	92	22	60	15	84·9	68·9	76·9	89	20, 21	63	11, 13	76·4	65·5	71·0	80	5, 10, 11, 18, 21, 22	63	22	80·7	66·9	73·8	86	19	60	9
November	88·0	70·0	79·0	92	21	66	10, 12	87·2	71·4	79·3	91	24, 27, 29	66	11, 12	..	..	..	..	....	..	....	83·7	70·7	77·2	88	17, 20	65	9, 10
December	87·0	69·0	78·0	90	11, 19, 20, 27	64	6	87·4	72·1	79·8	91	30	67	12	80·8	57·6	69·2	84	12, 18, 20	50	21	84·9	70·3	77·6	88	19	64	12
Year ..	85·3	69·7	77·5	..	....	..	....	85·5	70·3	77·9	..	....	..	....	76·4	61·8	69·3	..	....	..	....	82·6	69·3	75·9	..	....	..	....
	Penang, Ra Province. Observer, Manager, C.S.R. Co., Ltd.							Rarawai, Ba Province. Observer, Manager, C.S.R. Co., Ltd.							Rotuma, Rotuma Island. Observer, Resident Commissioner							Suva, Rewa Province. Observer, Harbour Master.						
January ..	90·7	72·4	81·6	95	7, 9, 26	70	3	90·5	71·0	80·8	94	1, 2, 3, 4, 5	66	26, 27, 28	86·6	75·0	80·8	89	21	71	29	88·4	75·9	82·1	95	20	72	28
February .	91·5	72·4	81·9	94	16	71	Various	88·0	71·2	79·6	92	2, 3, 4, 12, 15, 28	68	3, 4	86·0	74·6	80·3	88	12, 13, 14, 19, 23	73	1, 2, 4, 9, 11, 24	86·5	74·1	80·3	94	16	72	2, 5, 6, 7, 19
March	89·5	73·3	81·4	93	8, 25, 28, 29, 30	71	4, 5	88·1	70·9	79·5	92	1, 5, 6, 7	68	22, 23, 29, 30, 31	85·0	74·1	79·6	88	1, 2, 27, 28, 30, 31	72	7, 24	86·5	74·7	80·6	91	2, 8, 12	70	25
April	87·3	73·1	80·2	92	1, 2, 12	72	Various	89·1	67·5	78·3	94	19	60	21, 22	86·0	74·9	80·4	88	2, 3, 26, 27, 30	73	15	84·5	73·8	79·2	89	2	71	20
May	85·7	71·5	78·6	91	2, 3, 5	68	4	86·1	67·6	76·9	91	4	64	2, 8, 30, 31	85·7	74·7	80·2	89	2	71	24	80·0	72·0	76·0	88	10	69	15
June	83·7	70·6	77·2	88	14	68	4, 5	86·3	64·3	75·3	88	Various	58	25, 26	86·0	74·6	80·3	88	13	72	2, 20	79·9	70·7	75·3	88	11	64	16
July	82·4	68·7	75·6	86	3, 4, 12	58	28, 29	85·6	62·7	74·1	92	10	56	18, 19	84·4	73·3	78·8	87	1, 6, 7, 11	70	9, 15	78·1	69·1	73·6	82	10, 11, 21, 22	63	19, 20
August ...	81·6	70·1	75·8	84	14	67	Various	86·9	61·3	74·1	91	24	56	4, 5	84·5	74·5	79·5	87	10, 29	71	30	79·6	70·0	74·8	86	25, 26	64	3
September	80·7	69·4	75·1	88	6, 26	63	9	85·7	63·6	74·7	92	4	56	18	85·2	74·2	79·7	89	5, 14, 24, 25, 26	69	21	79·6	68·9	74·3	88	25	63	2
October ..	84·4	70·4	77·4	89	5, 6	64	14, 15	88·0	65·6	76·6	94	20, 21	60	6, 7, 10, 12, 13, 14	85·1	75·2	80·2	87	18	71	12, 26	82·0	70·3	76·1	88	19	66	13, 15
November	85·9	72·7	79·3	91	14, 15, 20	65	10, 11, 12	90·5	68·8	79·6	96	22	62	10, 11	86·3	75·9	81·1	88	14, 19	72	8	84·2	72·8	78·5	90	18, 19	67	10
December	87·8	73·0	80·4	90	Various	20	13	89·9	68·4	79·2	95	17	64	11	86·6	75·5	81·0	89	28, 30	72	9, 13	86·0	73·8	79·9	91	19	70	13
Year ..	85·9	71·5	78·7	..	....	..	....	87·9	66·9	77·4	..	....	..	....	85·6	74·7	80·2	..	....	..	....	82·9	72·2	77·6	..	....	..	....

RETURN OF RAINFALL AT VARIOUS STATIONS IN FIJI DURING 1934 AND THE AVERAGES DURING DIFFERENT PERIODS.

Name of Station and Observer.	Province.	Approximate Height above Mean Sea Level.	No. of Years.		January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Total for Year.		Greatest fall in one day.	
			Rainfall.	Wet Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Amount.	Date.
Delanasau	Bua	71	15	15*	16·29	19	16·70	19	30·76	28	7·12	12	4·74	9	3·06	5	5·56	5	5·55	2	1·75	1	7·45	7	2·52	3	4·91	3	106·41	113	6·45	March 17
L. N. Anderson				†	12·99	13	16·17	14	16·54	17	9·53	11	6·34	7	2·20	3	1·72	2	1·78	3	1·58	2	3·55	3	6·14	5	10·49	8	89·03	88	..	
Deloi	Cakaudrove	51	20	20	10·10	17	7·36	17	7·11	19	3·83	11	24·29	15	3·86	7	3·17	6	3·69	7	8·82	6	6·84	7	1·41	4	3·11	7	83·59	123	5·30	May 22
A. Mackenzie				†	9·40	12	12·73	12	12·22	14	11·68	13	8·81	8	4·41	5	2·95	4	3·35	5	4·47	6	4·85	6	8·23	8	11·10	11	94·20	104	..	
Devo	Cakaudrove	70	7	7*	11·01	11	7·93	9	8·68	11	7·05	8	19·63	14	2·10	5	2·70	6	7·66	7	6·08	5	10·35	7	1·42	5	5·60	11	90·21	99	6·50	May 24.
R. S. Lyons				†	11·25	12	14·95	12	13·14	15	13·71	11	9·20	11	2·93	5	3·41	7	3·61	6	3·75	5	6·52	6	7·53	8	10·94	13	100·94	111	..	
Kanacea	Lau		9	8*	8·62	11	3·77	10	9·87	14	3·71	8	17·10	17	2·24	11	3·09	4	5·19	11	5·97	9	10·57	11	1·24	9	7·41	8	78·78	123	4·30	May 23
H. P. Little				†	9·29	13	7·17	11	8·25	12	4·79	9	7·16	10	2·09	6	2·19	4	3·37	9	4·42	7	2·93	6	5·56	9	5·86	10	63·08	106	..	
Katafaga	Lau	8	13	4*	7·80	13	6·20	11	9·67	12	2·60	7	13·98	10	1·75	10	4·68	6	3·26	11	7·31	6	9·44	9	1·70	4	2·92	8	70·41	107	3·47	September 16
T. O. U. Stockwell				†	8·19	14	7·29	11	9·14	13	6·98	11	6·58	13	3·55	9	2·40	5	3·66	7	3·31	6	3·58	5	4·90	8	4·34	8	63·92	110	..	
Korovou	Tailevu	50	10	10*	8·84	19	16·08	23	18·06	22	14·21	21	24·59	19	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....	..	..	
H. S. Faddy				†	11·47	16	20·46	19	16·77	20	13·70	17	12·31	19	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....	..	..	
Labasa	Macuata	15	40	24*	12·35	16	14·78	17	15·18	16	3·06	10	10·02	16	1·98	7	3·25	9	1·74	6	3·22	7	8·05	8	3·90	9	5·26	10	82·79	131	4·50	March 17
Manager, C.S.R. Co.				†	12·81	17	14·57	17	14·30	17	8·43	12	4·61	10	2·15	5	1·76	5	1·69	6	2·64	6	3·32	7	5·50	10	9·85	15	81·63	127	..	
Lakeba	Lau	87	9	9*	6·34	16	13·82	19	11·08	16	4·72	13	13·97	20	4·51	13	4·49	8	1·90	11	4·74	10	4·40	13	2·13	10	2·92	13	75·02	162	6·66	May 23
J. W. E. Eason				†	8·76	18	7·96	16	11·62	19	9·02	17	8·13	16	3·80	12	3·70	11	3·98	12	3·16	11	4·69	11	7·94	12	4·48	14	77·24	169	..	
Lautoka	Ba		34	26*	14·97	23	11·77	12	16·66	19	6·61	12	3·48	10	0·77	4	2·75	4	1·72	2	2·78	6	2·96	5	2·55	8	7·74	9	74·76	114	6·50	January 16
Manager, C.S.R. Co.				†	9·11	14	13·09	15	12·13	15	6·11	11	4·48	8	2·06	5	2·09	5	3·29	5	2·18	5	3·32	8	4·17	8	7·31	11	69·34	110	..	
Lawaqa	Nadroga	15	28	28*	11·31	11	13·72	14	14·94	18	5·98	9	2·82	10	2·36	9	7·59	9	3·07	7	5·93	6	1·50	8	1·59	5	3·21	6	74·02	112	3·30	July 15
District Commissioner				†	8·64	13	9·40	13	10·10	14	6·31	9	5·33	9	3·34	6	3·33	7	5·00	8	3·07	6	3·50	6	4·82	8	6·65	10	69·49	109		
Levuka	Lomaiviti	8	40	40*	2·94	10	17·17	18	10·30	15	3·45	14	26·47	19	0·64	6	5·99	10	5·09	8	10·58	9	8·28	11	4·54	9	4·51	12	99·96	141	10·62	May 22
Harbour Master				†	9·08	18	10·92	18	12·08	20	10·38	18	7·51	15	4·29	12	3·77	12	5·15	13	5·13	13	5·31	12	8·16	14	8·63	16	90·41	181	..	
Mago	Lau		7	7*	7·31	12	6·12	11	12·41	16	2·66	12	17·39	20	3·92	14	5·20	6	4·90	9	7·19	13	14·63	11	2·32	8	3·70	13	87·75	145	5·25	May 22
J. S. K. B. Borron				†	6·97	12	8·37	11	10·81	13	8·13	12	8·69	11	2·65	7	3·24	5	3·25	8	3·05	6	3·37	5	6·12	8	5·42	9	70·07	107	..	
Makogai	Lomaiviti	12	21	20	8·07	14	17·14	23	12·35	19	12·25	16	15·27	19	0·81	8	4·68	13	9·55	14	5·08	9	4·21	10	0·47	7	5·02	10	94·90	162	6·42	May 23
Medical Superintendent				†	7·15	16	8·95	15	10·56	19	10·11	15	6·50	14	3·27	9	2·80	9	3·54	11	3·56	10	3·67	10	5·73	10	9·40	14	75·24	152	..	
Mua	Cakaudrove	200	15	15*	13·72	18	9·64	20	12·27	21	8·40	15	29·07	23	8·40	20	5·57	12	7·28	14	8·85	17	8·32	15	4·28	13	4·15	14	119·95	202	6·30	May 25
S. A. Bull					12·32	17	14·05	17	11·44	18	14·14	15	11·65	14	5·15	11	4·16	9	4·29	11	6·18	11	7·35	12	10·51	14	10·59	15	111·83	164	..	
Munia	Lau	6	39	28*	6·92	18	9·67	19	10·47	20	2·57	14	13·93	21	5·84	17	4·12	8	1·99	11	5·01	11	8·07	11	1·73	8	5·92	13	76·24	171	3·62	May 23
H. H. Steinmetz				†	8·04	18	7·85	18	8·82	20	7·70	16	6·04	14	4·10	12	2·69	11	3·73	12	3·51	12	4·60	10	5·65	12	6·53	16	69·26	171	..	
Nabouwalu	Bua		16	16*	17·34	14	14·78	12	12·85	10	11·54	5	15·65	13	6·57	6	4·39	10	9·35	6	7·21	6	9·59	5	0·43	2	1·00	1	110·70	90	8·58	April 24
G. B. Toganivalu				†	12·07	13	15·68	16	13·39	17	10·56	14	8·47	12	4·52	8	3·47	7	4·25	8	5·63	6	6·46	6	7·55	7	10·88	9	102·93	123	..	
Nadarivatu	Colo North	2,740	34	28*	13·20	21	36·38	27	25·43	26	8·01	12	5·25	14	2·99	9	4·17	11	2·38	4	5·71	6	4·62	8	7·95	12	16·85	17	132·94	167	5·65	February 6
District Commissioner				†	21·67	20	26·63	21	24·71	24	12·69	17	7·18	14	3·50	10	3·79	7	5·53	9	4·33	9	4·91	10	8·17	14	16·17	19	139·28	174	..	
Nailaga	Ba	15	5	5*	13·43	6	17·94	16	17·12	6	6·57	9	4·12	9	1·07	3	2·61	4	1·34	1	3·79	7	1·20	6	1·24	6	3·03	8	73·46	91	7·10	January 16
Rev A. D. Lelean				†	8·07	9	18·36	13	15·53	13	7·84	10	2·84	7	0·68	2	2·79	3	1·52	2	2·29	5	1·77	4	4·28	9	4·86	9	70·83	86	..	
Naitauba	Lau	15	15	15	7·01	14	7·16	11	12·13	16	3·52	12	16·45	20	2·10	7	4·02	9	6·62	10	7·11	5	13·47	10	1·44	7	3·78	10	84·81	131	6·12	October 1
G. M. Hennings				†	9·47	14	9·00	14	10·10	16	9·68	13	8·07	11	3·14	8	2·78	7	4·11	9	4·13	8	4·29	9	6·33	10	7·23	12	78·33	131	..	
Naitonitoni	Serua	8	18	18*	21·05	15	14·81	14	19·86	17	7·12	8	17·63	13	5·20	9	13·07	14	4·86	8	9·93	9	9·36	8	7·20	10	6·35	14	136·44	139	8·07	March 14
District Commissioner				†	11·45	16	12·54	16	13·68	18	14·19	16	11·38	14	8·51	11	6·01	11	7·53	12	8·50	13	9·18	12	12·23	14	13·45	16	128·65	169	..	
Nasinu Exp. Station	Rewa		4	4*	11·13	21	22·48	22	20·93	22	10·01	22	24·77	27	2·02	16	7·94	19	6·58	20	11·31	14	7·48	14	8·88	20	6·93	13	140·46	230	5·91	February 10
D. A. Donald				†	10·60	21	18·77	20	20·37	25	14·77	23	12·97	21	3·26	14	8·33	14	6·78	17	6·60	15	7·23	19	12·88	21	10·74	19	133·30	229	..	
Nausori	Tailevu	23	40	25*	8·30	21	19·45	23	18·68	19	7·21	17	16·24	23	1·38	10	6·33	20	4·35	15	9·14	15	8·82	15	7·57	16	7·54	12	115·01	206	5·21	March 17
Manager, C.S.R. Co.				†	12·11	21	13·25	22	14·19	22	12·18	20	10·06	19	6·06	15	4·69	15	6·41	16	6·38	18	7·61	15	8·99	17	12·95	19	114·81	219	..	

* Actual rainfall. † Average rainfall.

RETURN OF RAINFALL AT VARIOUS STATIONS IN FIJI DURING 1934 AND THE AVERAGES DURING DIFFERENT PERIODS—*continued.*

Name of Station and Observer.	Province.	Approximate Height above Mean Sea Level.	No. of Years.		January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Total for Year.		Greatest fall in one day.	
			Rainfall.	Wet Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Amount.	Date.
Navo	Ba	15	33	25*	14·66	14	13·46	13	15·87	17	6·18	11	2·78	10	1·97	4	1·52	2	1·90	3	2·47	6	0·69	4	1·81	8	5·14	10	68·45	102	7·40	January 15
W. McLeod				†	9·16	12	11·66	14	10·60	15	5·14	9	3·83	6	2·13	4	2·14	4	3·24	5	2·13	4	2·78	6	3·93	8	7·47	11	64·39	97	..	
Navuso	Rewa	24	3	3	10·43	20	19·18	25	17·39	20	11·38	23	21·45	25	2·97	18	7·36	18	5·83	19	10·14	14	8·81	14	7·45	16	9·20	15	131·59	227	4·91	May 22
B. W. Parham				†	9·55	19	16·05	21	12·73	22	22·13	23	14·09	21	3·64	16	7·23	15	5·23	18	6·27	15	6·56	15	11·32	18	13·80	21	128·60	224	..	
Nayavu	Ra				..	..	..	..	30·13	20	20·35	23	31·63	22	4·77	13	5·83	13	4·23	11	8·69	10	19·86	19	5·12	21	5·81	17	....	..	..	
Geo. H. Morris				†																												
Ngau	Lomaiviti	25	7	7*	8·84	12	11·77	20	19·74	18	4·12	15	14·85	15	2·23	7	7·01	7	4·65	13	6·26	10	2·92	5	1·31	9	3·73	14	87·43	145	4·80	March 25
R. W. Fry				†	8·51	17	13·14	20	14·36	22	8·80	19	6·64	16	3·87	10	3·67	10	2·80	13	3·71	9	2·66	10	4·87	12	6·83	14	79·86	172	..	
Penang	Ra		50	29	10·93	16	13·40	17	17·38	22	10·15	18	8·15	11	3·38	8	3·14	6	2·46	8	3·59	6	2·61	6	0·81	5	3·42	6	79·42	129	4·78	January 16
Manager, C.S.R. Co.				†	11·33	15	15·17	16	12·87	18	9·98	14	5·07	11	2·87	8	2·08	7	3·01	7	2·47	7	3·33	7	5·24	10	8·75	13	82·17	133	..	
Rabi	Cakaudrove	110	30	29*	12·85	13	6·03	15	7·65	11	7·37	13	18·29	20	5·63	16	2·76	8	8·20	10	8·05	10	8·83	9	2·48	6	6·99	10	95·13	141	4·30	October 25
S. G. Lyons				†	15·83	19	15·95	19	16·55	20	15·94	18	12·76	17	6·63	13	4·06	12	5·90	12	7·19	13	7·86	12	11·03	14	15·29	17	134·99	186	..	
Rarawai	Ba		40	29*	14·56	15	18·26	19	17·09	17	5·78	7	2·79	11	0·84	5	3·08	4	1·26	1	3·57	6	2·72	6	1·04	2	2·43	9	73·42	102	5·33	January 15
Manager, C.S.R. Co.				†	11·74	15	16·90	17	13·69	16	7·93	12	4·04	8	2·30	6	2·01	4	2·99	5	2·48	5	3·41	7	4·80	10	9·01	13	81·30	118	..	
Richmond	Kadavu	87	20	20*	6·52	12	8·93	13	15·19	13	3·61	12	2·76	9	0·23	2	2·35	8	1·21	6	1·63	4	2·13	9	1·08	7	1·90	6	47·54	101	7·25	March 14
Rev. W. Whitebread				†	7·28	13	8·08	13	7·53	15	6·07	13	7·09	11	3·27	9	3·25	7	5·49	9	3·21	7	4·49	8	3·68	9	4·61	9	64·05	123	..	
Rotuma	Rotuma	84	30	22*	17·13	25	6·51	17	23·04	19	6·87	19	10·68	22	11·20	21	14·79	15	9·03	22	9·36	25	8·41	21	9·59	26	9·14	24	135·75	256	6·72	July 14
A. E. Cornish				†	13·98	21	15·75	21	14·41	21	11·23	20	12·76	20	8·95	17	7·90	18	9·19	20	9·03	20	10·57	19	12·62	20	12·42	21	138·81	238	..	
Saiyaro	Tailevu	30	1	1*	8·53	17	17·21	28	15·82	19	11·91	30	29·16	21	3·00	11	4·78	13	7·06	14	9·55	13	17·49	12	8·58	16	11·20	12	144·29	206	17·42	May 21
C. H. Price				†																												
Salialevu	Cakaudrove	100	19	19*	11·20	20	11·23	19	13·03	19	7·90	22	65·72	21	12·04	24	16·40	19	17·20	19	20·44	20	22·84	12	5·42	11	10·27	11	213·69	217	14·96	May 22
V. F. Morrison				†	15·10	15	17·97	16	14·76	16	18·15	16	20·19	16	16·40	14	12·92	13	14·69	14	22·33	15	19·00	13	17·45	12	17·77	15	206·73	175	..	
Sigatoka Cotton Station	Nadroga	160	8	8*	12·37	19	10·56	19	11·33	22	4·34	12	3·46	17	2·05	5	3·26	10	1·92	4	6·10	7	0·61	5	1·51	7	3·29	8	60·80	135	3·26	March 16
R. R. Anson				†	8·58	14	9·83	15	10·40	17	8·25	12	5·07	12	2·18	6	3·14	8	3·26	7	2·98	6	2·75	7	4·74	11	6·32	11	67·50	126	..	
Suva	Rewa	8	50	50*	9·18	22	19·95	24	22·65	26	10·77	23	20·92	25	3·20	19	9·74	22	5·23	18	9·68	18	11·48	15	5·33	17	6·20	17	134·33	246	6·16	March 19
Harbour Master				†	11·39	23	11·56	22	14·90	25	12·41	23	10·19	21	6·55	18	5·25	18	8·02	19	7·47	19	8·38	19	9·89	19	12·60	22	118·61	248	..	
Tamanua	Serua	30	4	4	15·98	20	18·63	23	33·16	24	15·59	27	24·26	26	6·27	19	8·85	22	6·16	21	11·46	14	12·08	15	5·73	23	8·46	17	166·63	251	11·34	March 14
J. Chapman				†	11·64	20	16·90	21	23·00	25	19·14	24	13·96	25	6·03	16	6·77	14	5·70	18	7·00	15	11·63	18	12·90	23	14·80	20	149·47	239	..	
Vaileka	Ra	15	5	5*	9·19	13	13·73	14	15·37	13	10·72	11	8·13	9	3·83	5	3·01	2	1·76	4	3·08	4	3·06	4	0·37	2	4·02	5	76·27	86	4·56	May 22
District Commissioner				†	7·97	11	21·76	15	14·85	13	9·83	11	3·68	7	1·31	3	2·87	3	2·36	3	2·42	4	1·48	4	4·97	7	6·41	8	79·91	89	..	
Valeci	Cakaudrove	30	28	27*	12·57	17	13·29	18	16·04	17	6·19	14	27·20	18	5·89	14	6·31	16	6·06	11	13·19	13	11·19	14	2·24	8	4·67	8	124·84	168	6·00	September 12
Wireless Officer				†	11·57	16	11·76	15	12·12	16	9·28	15	9·04	13	4·95	10	4·56	9	6·23	11	6·52	10	7·29	9	8·10	11	10·69	13	102·11	148	..	
Vatugunisese	Cakaudrove	12	3	3	11·00	22	14·83	19	11·62	19	4·29	12	15·18	18	2·78	10	4·32	11	4·74	11	6·33	6	11·66	11	2·55	8	4·15	7	93·45	154	4·02	February 15
Q. F. Freebairn				†	11·60	20	13·19	19	13·57	19	13·81	16	10·13	14	2·45	9	2·65	8	4·30	9	3·31	6	5·44	8	6·90	11	10·88	14	98·23	153	..	
Vuna	Cakaudrove	25	15	15	15·47	14	13·44	17	11·76	19	8·79	14	30·24	22	5·04	18	5·88	17	9·58	6	6·90	18	16·88	19	5·55	7	4·79	6	134·32	177	8·56	May 22
H. V. Tarte				†	13·18	17	14·65	18	10·86	19	13·85	19	11·10	15	6·03	12	5·20	11	7·08	13	7·49	14	10·41	12	9·22	13	11·20	16	120·27	179	..	
Vunidawa	Colo East	200	22	22	8·65	16	23·56	23	20·34	18	18·17	18	31·15	18	1·36	6	6·06	14	6·58	24	8·90	11	11·53	13	7·48	17	10·70	14	154·48	192	5·60	May 26
District Commissioner				†	14·39	18	18·72	18	16·55	19	17·03	18	9·88	15	7·56	11	4·81	10	6·78	12	7·78	13	9·20	14	13·12	15	16·63	16	142·45	179	..	
Vunisea	Kadavu	70	4	3	9·96	10	6·71	14	10·43	14	7·49	12	9·56	11	2·12	6	4·43	12	3·47	10	2·70	6	7·93	9	1·74	5	6·06	13	72·60	122	2·36	January 5
G. M. Thomson				†	6·41	8	8·04	9	10·18	14	11·17	16	10·62	10	2·68	7	2·73	8	4·11	9	2·09	4	4·21	9	5·33	9	6·49	10	74·06	113	..	
Waidamu	Cakaudrove	6	2	2*	13·36	22	12·72	23	13·27	23	12·82	20	38·98	22	9·33	25	8·78	18	9·42	21	14·60	22	27·23	21	5·01	21	6·32	12	171·84	250	15·85	October 22
W. A. Beddows				†	12·86	25	13·09	23	23·21	27	17·11	23	35·67	21	10·94	23	5·28	15	7·76	21	9·82	22	16·43	22	6·09	19	13·63	18	171·89	259	..	
Wainunu	Bua	25	55	25*	27·01	24	14·03	21	15·23	18	15·64	18	17·89	22	4·27	14	9·58	20	6·40	14	11·04	12	25·86	13	4·94	10	7·75	11	159·64	197	6·40	October w23
Captain D. Robbie				†	18·54	20	18·33	19	17·99	21	14·92	18	11·49	17	6·19	12	5·52	12	6·74	13	8·83	15	10·61	13	12·23	15	16·04	18	147·43	193	..	
Waiyevo	Cakaudrove	180	28	28*	15·58	12	7·68	13	7·67	14	12·37	16	23·40	18	2·63	9	2·10	5	8·35	9	4·60	7	10·87	9	3·32	12	4·97	12	103·54	136	4·38	May 22
Wireless Officer				†	11·60	14	13·07	14	11·41	16	10·61	13	9·03	11	4·71	9	2·30	7	4·02	7	4·62	9	7·24	10	8·91	11	10·30	14	97·82	135	..	

* Actual rainfall † Average rainfall.