

No. 40.—Extract of Meteorological Observations made at the Royal Observatory Hong Kong, during the month of December, 1937.

DATE.	BAROMETER AT M.S.L.	TEMPERATURE.			HUMIDITY.		CLOUDINESS.	SUNSHINE.	RAIN.	WIND.	
		Max.	Mean.	Min.	Rel.	Abs.				Mean Dir.	Mean Vel.
December.	ins.	°	°	°	p. c.	ins.	p. c.	hrs.	ins.	Points.	Mile p.h.
1.....	30.09	74.6	67.5	62.9	61	0.41	4	10.1	...	WSW	3.9
2.....	.06	75.9	69.0	63.7	57	.39	1	10.1	...	E	6.4
3.....	.09	73.0	68.6	65.6	58	.47	7	10.2	...	E by N	12.3
4.....	.12	76.8	69.7	65.0	70	.50	9	9.6	...	E	8.6
5.....	.19	71.1	66.8	62.9	76	.50	89	2.6	...	E by N	15.5
6.....	.22	69.4	63.2	60.1	70	.41	84	3.5	...	NE by N	6.7
7.....	.17	69.7	63.1	57.2	69	.40	20	9.8	...	NE	6.0
8.....	.11	70.1	64.3	58.9	58	.35	1	10.1	...	NE by E	7.0
9.....	.03	72.5	65.2	59.9	74	.46	25	10.0	...	E by N	9.7
10.....	.02	75.2	68.7	64.7	69	.48	64	5.4	...	N by E	2.7
11.....	.05	75.3	68.5	64.9	66	.45	1	9.9	...	NE by N	10.8
12.....	.08	71.6	65.2	59.0	73	.45	...	9.9	...	E by N	10.7
13.....	.09	66.5	62.7	59.6	79	.44	85	...	0.025	ENE	11.0
14.....	.10	68.8	66.3	64.1	83	.53	100	NNE	6.8
15.....	.12	68.9	66.1	63.0	87	.56	100	...	0.420	ENE	7.7
16.....	.07	64.3	62.9	61.4	92	.53	99	...	0.150	E by N	16.3
17.....	.03	71.3	65.5	52.7	91	.57	82	5.0	...	E	11.2
18.....	.09	74.9	67.0	62.0	86	.56	77	4.2	...	E by N	8.8
19.....	.13	64.4	60.9	57.0	77	.41	80	2.4	...	NE by E	14.5
20.....	.09	65.2	62.0	60.0	77	.43	60	8.3	...	ENE	17.0
21.....	.14	65.3	61.1	58.0	78	.42	97	1.0	...	NE by E	7.5
22.....	.08	62.7	59.8	57.0	85	.43	100	ENE	18.4
23.....	29.97	67.9	64.0	62.0	87	.52	70	8.2	...	E	17.2
24.....	30.04	75.4	67.5	63.5	79	.53	52	7.7	...	E	7.0
25.....	.14	68.0	63.3	61.0	77	.45	83	2.9	...	ENE	11.9
26.....	.16	67.3	63.0	60.2	79	.45	60	5.5	...	E	11.3
27.....	.16	66.3	62.3	59.6	75	.42	76	6.7	...	E by N	11.6
28.....	.12	66.5	63.6	61.1	78	.45	72	3.0	...	E by N	15.0
29.....	.10	71.9	66.6	62.6	79	.51	63	6.7	...	E by S	10.4
30.....	.11	68.0	65.5	62.4	83	.52	95	1.5	0.010	E	15.7
31.....	.11	72.0	65.8	62.4	85	.54	87	1.7	...	E	10.8
Mean,	30.10	70.0	65.0	61.1	76	0.47	59	166.0	0.605	E by N	10.7
Mean, 1937...	29.93	78.1	73.3	69.7	81	0.69	70	1894.1	82.500	E by N	11.3

MEANS AND EXTREMES FOR DECEMBER :—

Maximum,....	30.24	71.2	66.2	62.4	81	0.52	82	249.7	4.900	...	15.1
Normals,	30.17	67.8	62.9	58.8	69	0.41	55	173.3	1.151	ENE	11.8
Minimum,	30.08	63.7	58.8	54.0	56	0.30	21	71.9	0.000	...	8.6

The rainfall for the month of December at Victoria Peak was 0^{in.} .85 on 8 days, at Mount Kellett, it was 0^{in.} .88 on 4 days, at Botanical Gardens, 0^{in.} .69 on 4 days, at Cheung Chau, 0^{in.} .43 on 3 days, at Sai Kung, 0^{in.} .64 on 5 days, at Taipo, 0^{in.} .67 on 4 days, at Ping Shan, 0^{in.} .49 on 4 days, at Fanling, 0^{in.} .64 on 4 days, and at Lok Ma Chau, 0^{in.} .46 on 4 days.

The lowest reading of the barometer (M.S.L.) was 29^{ins.} .914 at 15^{h.} 03^{m.} on the 23rd.

The maximum gust velocity as recorded by the Dines-Baxendell anemograph, was at the rate of 37 miles per hour at 14^{h.} 57^{m.} on the 22nd.

C. W. JEFFRIES.
Director.

13th January, 1938.