

ROYAL OBSERVATORY.

No. 615.—Extract of Meteorological Observations made at the Royal Observatory, Hong Kong, during the month of July, 1938.

DATE.	BAROMETER AT M.S.L.	TEMPERATURE.			HUMIDITY.		CLOUDINESS.	SUNSHINE.	RAIN.	WIND.	
		Max.	Mean.	Min.	Rel.	Abs.				Mean Dir.	Mean Vel.
July.	ins.	°	°	°	p. c.	ins.	p. c.	hrs.	ins.	Points.	Mile p.h.
1,.....	29.62	94.0	86.4	82.3	78	0.97	67	8.0	...	W	4.5
2,.....	.63	91.5	85.7	81.9	79	.97	63	6.9	0.175	W	3.1
3,.....	.62	86.4	81.6	77.9	86	.92	95	...	1.945	SW by W	6.6
4,.....	.59	88.5	81.1	77.9	86	.91	90	3.0	0.260	SW by S	5.2
5,.....	.67	82.0	79.1	76.4	87	.86	96	...	2.845	SSW	13.0
6,.....	.83	90.8	84.3	79.8	81	.95	75	10.0	...	SSE	11.0
7,.....	.89	87.1	83.0	79.0	86	.97	79	7.5	0.125	E	13.0
8,.....	.85	87.6	81.8	78.0	84	.90	65	9.0	0.315	ESE	9.3
9,.....	.73	87.0	82.0	76.8	81	.88	91	3.9	1.985	SSE	19.2
10,.....	.76	87.3	82.9	80.9	82	.92	90	4.4	0.095	S	17.2
11,.....	.86	88.5	83.7	81.5	80	.92	83	10.8	...	SSE	10.7
12,.....	.88	86.3	81.9	79.9	82	.90	42	10.5	...	E by S	8.8
13,.....	.86	87.2	81.6	78.1	82	.89	45	10.2	...	E	5.5
14,.....	.82	87.7	81.9	77.9	82	.89	45	8.5	...	E by S	3.9
15,.....	.80	87.3	82.2	78.0	79	.86	25	12.1	...	E by S	6.7
16,.....	.84	87.8	82.1	78.9	80	.87	55	8.9	0.345	ESE	7.1
17,.....	.84	87.4	82.3	79.2	83	.91	46	9.0	...	E by S	9.2
18,.....	.82	87.2	82.7	79.3	84	.93	82	4.5	0.205	E	11.9
19,.....	.82	87.9	83.0	80.5	82	.93	66	8.5	0.005	E by S	12.6
20,.....	.84	87.6	82.1	78.9	83	.91	62	8.5	0.335	E by S	10.0
21,.....	.84	88.6	83.0	79.0	81	.91	51	11.5	0.020	E by S	10.5
22,.....	.82	89.4	83.4	79.9	81	.92	63	10.1	0.005	E	9.2
23,.....	.80	89.2	83.8	80.9	81	.93	56	10.8	0.015	E by S	8.0
24,.....	.79	87.5	82.5	78.9	83	.91	75	8.5	0.110	E by S	9.4
25,.....	.80	86.8	81.6	79.2	82	.89	80	7.1	0.050	ESE	9.6
26,.....	.79	88.4	82.0	78.5	80	.88	70	7.7	0.020	S by E	4.5
27,.....	.73	82.8	79.8	77.1	85	.86	86	1.2	0.295	SW by S	7.7
28,.....	.66	84.0	79.1	76.5	90	.89	97	...	2.385	WSW	8.5
29,.....	.62	84.5	81.5	77.8	86	.92	84	0.2	0.230	SW by W	11.0
30,.....	.64	86.0	82.3	80.0	85	.94	90	1.4	0.155	SW	14.9
31,.....	.69	85.2	81.9	79.0	85	.92	92	1.9	0.315	SW	14.5
Mean,	29.77	87.4	82.3	79.0	83	0.91	71	204.6	12.235	SE by S	9.6

MEANS AND EXTREMES FOR JULY:—

Maximum, ..	29.82	88.7	83.6	79.9	86	0.94	81	282.8	30.075	...	14.3
Normals,	29.72	86.8	82.0	78.4	83	0.90	68	212.2	15.006	SE	10.9
Minimum,	29.61	84.2	80.1	76.0	80	0.87	48	130.6	4.575	...	7.1

The rainfall for the month of July at Victoria Peak was 13^{ins.} .57 on 20 days, at Mount Kellett, it was 8^{ins.} .40 on 16 days, at Botanical Gardens, 11^{ins.} .36 on 13 days, at Cheung Chau, 9^{ins.} .78 on 15 days, at Sai Kung, 8^{ins.} .43 on 21 days, at Taipo, 10^{ins.} .88 on 22 days, at Ping Shan, 4^{ins.} .90 on 13 days, at Fanling, 7^{ins.} .45 on 20 days, and at Lok Ma Chau, 4^{ins.} .70 on 19 days.

The lowest reading of the barometer (M.S.L.) was 29^{ins.} .569 at 16^{h.} 00^{m.} on the 4th.

The maximum gust velocity as recorded by the Dines-Baxendell anemograph, was at the rate of 44 miles per hour at 14^{h.} 05^{m.} on the 9th.

C. W. JEFFRIES,
Director.

9th August, 1938.