

ROYAL OBSERVATORY.

No. 642.—Extract of Meteorological Observations made at the Royal Observatory, Hong Kong, during the month of September, 1930.

DATE.	BARO- METER AT M.S.L.	TEMPERATURE.			HUMIDITY.		CLOUDINESS. p. c.	SUNSHINE. hrs.	RAIN. ins.	WIND.	
		Max.	Mean.	Min.	Rel.	Abs.				Mean Dir.	Mean Vel.
September	ins.	°	°	°	p. c.	ins.	p. c.	hrs.	ins.	Points.	Miles p.h.
1,	29.89	88.1	82.3	77.6	81	0.89	56	5.9	...	WSW	3.3
2, .....	.87	80.0	82.5	78.1	76	.85	47	10.0	...	W by S	3.7
3, .....	.83	88.9	83.1	79.6	77	.87	77	7.3	...	WSW	3.8
4, .....	.83	85.1	78.6	74.4	85	.83	97	1.0	0.565	NE by E	4.2
5, .....	.84	82.8	78.3	70.7	87	.84	97	2.8	0.145	E by N	8.1
6, .....	.86	83.4	78.2	74.8	87	.83	79	4.5	0.080	E	10.8
7, .....	.87	85.1	79.8	77.1	82	.83	72	3.0	...	E	8.0
8, .....	.89	85.1	80.1	74.7	83	.85	60	9.3	...	E	8.2
9, .....	.88	87.0	81.5	77.8	82	.88	70	7.4	...	E	7.5
10, .....	.89	87.0	82.2	79.2	82	.88	65	0.9	...	E	8.5
11, .....	.94	87.9	81.7	76.3	77	.83	75	8.6	1.560	NE by E	8.5
12, .....	.96	83.0	80.1	76.0	77	.79	95	1.6	0.025	NE by E	14.5
13, .....	.90	84.1	80.0	79.0	77	.81	92	2.4	0.045	ENE	22.2
14, .....	.83	79.9	77.4	75.0	85	.80	100	...	2.585	ENE	27.1
15, .....	.79	78.0	75.5	74.5	91	.80	100	...	3.835	NE by E	25.8
16, .....	.76	78.7	76.3	74.4	92	.83	100	...	5.210	ENE	15.7
17, .....	.83	78.7	76.2	74.8	95	.86	100	...	7.965	E	12.2
18, .....	.90	82.2	78.6	76.3	85	.83	09	1.3	1.450	ENE	23.8
19, .....	.91	81.9	78.7	77.1	76	.74	87	4.1	...	E by N	27.7
20, .....	.88	83.4	78.9	74.9	73	.72	74	6.0	...	E by N	20.2
21, .....	.85	82.7	79.4	76.8	74	.74	67	6.9	...	E by N	23.1
22, .....	.84	83.8	80.2	78.0	74	.76	72	0.8	...	E by N	18.3
23, .....	.90	85.1	80.5	77.0	71	.73	73	5.4	...	E by N	25.9
24, .....	.94	79.9	76.7	73.0	76	.70	80	7.2	...	ENE	17.3
25, .....	.91	83.9	78.6	75.7	80	.78	28	10.7	...	E by N	14.7
26, .....	.88	85.4	80.6	76.8	78	.82	54	8.9	...	E by N	12.2
27, .....	.86	82.8	79.4	78.6	85	.85	99	0.2	0.090	ENE	27.4
28, .....	.90	80.1	78.2	75.4	92	.89	97	...	4.325	E	14.7
29, .....	.90	83.2	79.1	77.7	89	.89	92	2.2	0.160	E by S	9.5
30, .....	.86	83.8	78.5	75.7	88	.86	59	3.6	0.205	W by S	3.1
Mean,	29.87	83.7	79.4	76.4	82	0.82	79	137.0	28.245	E by N	14.3

MEANS AND EXTREMES FOR SEPTEMBER :—

Maximum,	29.90	87.3	82.2	78.6	84	0.88	79	266.5	30.595	...	19.0
Normals,	29.83	85.3	80.5	76.8	78	0.82	59	200.5	10.110	E by N	11.4
Minimum,	29.76	82.5	78.6	74.1	65	0.69	40	137.0	0.635	...	6.9

The rainfall for the month of September at the Botanical Gardens was 29^{ins.} .40 on 16 days, at the Matilda Hospital, Mount Kellett, it was 33^{ins.} .30 on 13 days, at Fauling, 24^{ins.} .05 on 11 days, at the Royal Naval Hospital, Hong Kong, 30^{ins.} .50 on 13 days, and at the Police Station, Taipo, 32^{ins.} .56 on 13 days.

The lowest reading of the barometer (M.S.L.) was 29^{ins.} .732 at 5^{h.} and 6^{h.} on the 16th.

The maximum gust velocity, as recorded by the Dines-Baxendell anemograph, was at the rate of 57 miles per hour at 8^{h.} 40^{m.} on the 15th.

T. F. CLAXTON,
Director.

14th October, 1930.