

ROYAL OBSERVATORY

No. 729.—Extract of Meteorological Observations made at the Royal Observatory, Hong Kong, during the month of October, 1933.

DATE.	BAROMETER AT M.S.L.	TEMPERATURE.			HUMIDITY.		CLOUDINESS.	SUNSHINE.	RAIN.	WIND.	
		Max.	Mean.	Min.	Rel.	Abs.				Mean Dir.	Mean Vel.
October	ins.	°	°	°	p. c.	ins.	p. c.	hrs.	ins.	Points.	Miles p.h.
1,.....	29.87	86.9	81.0	78.1	72	0.76	88	0.6	0.260	ENE	23.7
2,.....	.89	83.0	81.0	78.8	82	.87	94	1.8	0.215	E	28.0
3,.....	.93	82.9	79.2	76.5	86	.86	97	1.3	1.375	E	22.1
4,.....	.96	82.7	78.9	75.9	84	.83	91	5.7	0.230	E	19.1
5,.....	.99	85.8	80.6	78.4	82	.85	87	7.0	...	E	14.5
6,.....	.95	85.1	81.1	79.5	84	.89	49	5.9	0.080	E by S	8.9
7,.....	.93	90.0	83.7	78.9	75	.86	18	10.4	...	SW	2.4
8,.....	.98	86.7	82.0	79.1	78	.85	59	7.3	0.060	E	8.0
9,.....	30.07	83.9	79.5	76.9	78	.78	95	3.1	0.950	ENE	13.2
10,.....	.09	80.2	77.2	74.1	79	.73	92	0.2	0.140	NE	10.2
11,.....	.09	81.9	76.4	73.5	69	.62	87	4.1	...	NE	10.7
12,.....	.08	82.7	76.4	73.0	65	.59	72	4.3	0.045	NNE	9.7
13,.....	.05	81.6	75.8	70.2	68	.60	45	10.0	...	NE by E	10.2
14,.....	.00	84.7	77.9	73.0	68	.65	47	10.0	0.005	NE by E	10.0
15,.....	29.95	85.8	78.8	73.7	61	.59	77	5.7	...	NE by N	9.4
16,.....	.94	80.2	74.7	71.6	64	.55	66	8.4	0.025	ENE	11.7
17,.....	.95	85.0	76.1	70.9	63	.56	25	10.3	...	ENE	5.9
18,.....	.90	82.2	76.0	71.0	47	.42	17	10.7	...	N	9.2
19,.....	.85	79.5	74.0	70.9	46	.38	7	11.1	...	N by E	12.6
20,.....	.92	81.3	74.1	69.9	52	.44	1	11.0	...	NE by N	7.9
21,.....	.93	79.8	72.8	69.5	69	.56	22	8.6	...	ESE	7.7
22,.....	.95	81.8	74.5	71.4	74	.62	37	9.9	...	E by S	7.2
23,.....	30.07	84.1	75.9	70.7	77	.68	28	10.1	...	E	13.7
24,.....	.12	77.1	71.7	66.6	64	.49	68	8.0	...	N by E	13.8
25,.....	.03	78.0	69.9	64.6	62	.45	80	6.8	...	NE	10.6
26,.....	29.99	79.3	73.6	70.0	64	.53	92	5.9	...	E by N	20.6
27,.....	30.07	76.6	74.0	72.0	75	.63	100	...	0.095	E by N	26.2
28,.....	.11	79.2	74.9	71.6	75	.64	100	0.5	0.205	E by N	19.0
29,.....	.06	82.0	76.5	74.5	72	.65	77	5.2	...	E by N	17.5
30,.....	.03	81.6	75.2	70.7	74	.64	88	3.7	0.055	NE	9.4
31,.....	.03	78.8	72.9	70.7	82	.65	91	4.0	0.005	E by N	14.7
Mean....	29.99	82.3	76.7	73.1	71	0.65	64	191.6	3.745	ENE	13.2

MEANS AND EXTREMES FOR OCTOBER:—

Maximum, ...	30.08	84.3	79.3	75.6	80	0.80	80	288.6	22.985	...	17.2
Normals,	29.99	80.7	76.1	72.5	72	0.66	50	218.9	4.657	E by N	13.6
Minimum,	29.89	78.1	74.2	70.1	62	0.54	27	137.5	0.015	...	9.8

The rainfall for the month of October at the Botanical Gardens was 3^{ins.} .27 on 10 days, at the Matilda Hospital, Mount Kellett, it was 2^{ins.} .34 on 6 days, at Fanling, 1^{in.} .75 on 4 days, and at the Police Station, Taipo, 2^{ins.} .62 on 6 days.

The lowest reading of the barometer (M.S.L.) was 29^{ins.} .800 at 16^{h.} 00^{m.} on the 19th.

The maximum gust velocity as recorded by the Dines-Baxendell anemograph, was at the rate of 58 miles per hour at 12^{h.} 30^{m.} on the 1st.

C. W. JEFFRIES,
Director.

9th November, 1933.