

GOVERNMENT NOTIFICATION.—No. 685.

The following Extract of Meteorological Observations, made at the Hongkong Observatory during the month of October, 1901, is published.

By Command,

J. H. STEWART LOCKHART,
Colonial Secretary.

Colonial Secretary's Office, Hongkong, 16th November, 1901.

EXTRACT OF METEOROLOGICAL OBSERVATIONS MADE AT THE HONGKONG OBSERVATORY
DURING THE MONTH OF OCTOBER, 1901.

DATE.	BARO- METER AT M.S.L.	TEMPERATURE.			HUMIDITY.		CLOUDI- NESS.	SUN- SHINE.	RAIN.	WIND.	
		Max.	Mean.	Min.	Rel.	Abs.				Dir.	Vel.
	ins.	°	°	°	p. c.	ins.	p. c.	hrs.	ins.	Points.	Miles. p. h.
1,.....	29.95	82.3	79.3	77.0	67	0.67	74	8.8	...	E	18.0
2,.....	.90	84.0	79.4	76.2	72	.72	52	8.1	...	E	11.0
3,.....	.81	88.7	81.8	74.7	65	.71	19	10.3	...	W by S	4.5
4,.....	.76	91.4	84.7	80.4	45	.54	30	11.0	...	NW by N	8.7
5,.....	.81	87.7	81.6	76.4	36	.39	0	11.0	...	N	14.0
6,.....	.85	86.5	79.0	74.0	54	.53	14	10.6	...	NNE	5.2
7,.....	.93	83.4	78.7	75.3	74	.72	55	7.0	0.180	E by S	11.3
8,.....	.99	84.3	80.0	77.6	73	.75	36	8.8	...	E by S	12.4
9,.....	.96	85.3	80.0	77.4	83	.85	55	6.3	0.290	ESE	6.0
10,.....	.92	86.3	81.8	79.6	80	.86	58	6.9	0.020	SW by S	6.9
11,.....	.91	87.4	82.3	79.5	75	.82	34	10.4	...	SW by S	7.6
12,.....	.88	88.3	82.4	79.3	77	.85	21	10.2	...	SW	5.6
13,.....	.91	89.9	83.3	79.0	78	.89	12	10.3	0.005	SW by W	6.3
14,.....	.96	82.9	79.5	75.4	87	.87	99	1.0	1.645	E by N	12.8
15,.....	.90	84.2	79.0	73.6	76	.76	85	6.3	0.320	ENE	16.7
16,.....	.86	82.6	76.4	70.6	71	.64	100	0.3	0.015	NNE	14.3
17,.....	.97	75.6	71.8	68.6	75	.58	100	...	0.030	NE by N	18.5
18,.....	30.01	75.5	73.1	69.8	67	.55	96	NE by E	16.8
19,.....	29.97	78.2	73.6	69.0	63	.53	56	10.2	...	ENE	16.4
20,.....	.95	77.5	74.7	73.0	67	.53	37	10.0	...	E	20.4
21,.....	30.01	77.9	75.1	71.8	67	.58	38	10.4	...	E	20.5
22,.....	.02	79.7	75.6	72.8	69	.61	35	10.0	...	E	12.7
23,.....	29.96	85.5	77.7	73.2	70	.66	35	10.0	...	E	7.7
24,.....	.93	84.0	77.5	75.1	72	.68	84	7.5	...	E by N	19.2
25,.....	.95	78.5	75.1	73.4	71	.62	83	4.3	...	E by N	22.4
26,.....	30.02	80.9	74.2	69.8	66	.55	95	1.8	...	NE	15.0
27,.....	.00	78.5	72.0	65.7	51	.40	17	10.2	...	N by E	8.9
28,.....	29.97	77.3	70.8	65.3	54	.41	41	9.7	...	NNW	5.7
29,.....	30.00	79.8	72.5	67.1	63	.51	4	10.6	...	E	10.3
30,.....	.06	79.1	73.2	69.5	68	.56	31	8.4	...	E by N	11.9
31,.....	.13	76.3	73.6	70.7	68	.56	36	9.6	...	E by N	26.5
Mean or Total,	29.94	82.6	77.4	73.6	68	0.64	49	240.0	2.505	ENE	12.7

The following notices have been issued by Mr. FROG during the month :—

On the 1st at 12.15 p.—“The barometer has fallen slightly over the China coast and Phillipines. Pressure is high over China, and low, apparently, over the Pacific to the E. of the Phillipines, Gradients moderate with fresh monsoon on the China coast, and in the N. part of the China Sea.” Forecast :—“fresh NE winds ; fair.”

On the 2nd at 11.15 a.—“The barometer has fallen over the China coast and Phillipines. Pressure remains high over China, and there is a depression in the Pacific to the E. of S. Luzon. Gradients moderate with fresh monsoon on the China coast, and strong monsoon in the N. part of the China Sea.” Forecast :—“fresh NE winds ; fair.”

At 4.30 p.—“The typhoon is approaching the E. coast of Central Luzon, and probably moving WNW.”

On the 3rd at 11.30 a.—“The barometer has fallen moderately on the China coast, risen slightly in the S. Phillipines. The typhoon appears to be now lying over the W. coast of Luzon in about 16° Lat. Probably it is moving towards NW at present, but there are indications of recurvature.

A second depression is situated over China to the NW of Foochow. Moderate variable winds on the China coast, and strong N. and NE winds to gales in the NE part of the China Sea." Forecast:—"N. winds, moderate or fresh; fine."

At 4.15 p.—Red Drum hoisted.

On the 4th at 10.45 a.—"The barometer has fallen over S. China and Formosa, risen in Luzon. The typhoon centre lies to the SW of Formosa. It is moving Northwards at present, and will most probably recurve to the NE." Forecast:—"moderate to fresh N winds; fine."

On the 5th at 10.10 a.—Red Drum lowered.

At 11.25 a.—"The barometer is now rising on the S. coast of China, and over S. Formosa. The typhoon centre, recurving towards NE, passed near S. Cape, Formosa, last evening, and now lies to the E. of that island. Gradients rather steep for N. winds on the China coast." Forecast:—"fresh N. winds; fine."

On the 6th at 11.55 a.—"The barometer has fallen over the E. coast of China, risen in S. China. The typhoon is probably approaching SW Japan. Gradients slight for N winds in S. China." Forecast:—"light or moderate N winds; fine."

On the 7th at 11.50 a.—"The barometer has risen on the China coast. The typhoon is probably moving NE over W. Japan. Gradients slight for N and NE winds on the China coast." Forecast:—"moderate NE winds; fine."

On the 8th at 11.50 a.—"The barometer has risen over the China coast and Phillipines. Pressure is highest over China, and the typhoon is probably moving NE over Central Japan. Gradients slight for N and NE winds on the China coast." Forecast:—"moderate NE winds; fine."

On the 9th at 11.45 a.—"The barometer has risen slightly over the Phillipines, and is inclined to fall on the China coast. The typhoon has probably advanced to the SE coast of Japan. Pressure appears to be low also, over N. China. Gradients gentle with light variable winds on the China coast." Forecast:—"SE or varying winds, light; mostly fine, but probably some showers."

On the 12th at 12.5 p.—"The barometer continues to fall over the China coast and Phillipines. A depression appears to be lying over N. China, and pressure is low also, over the Pacific to the E. of the Southern Phillipines. Gradients slight for SW winds in S. China." Forecast:—"moderate SW winds; fine."

On the 13th at 12.20 p.—"The barometer has risen on the China coast, particularly in the North; fallen over Japan. The depression in the North has moved into the Sea of Japan, and pressure remains low in the neighbourhood of the Southern Phillipines. Gradients slight for N. and NE winds on the China coast, and in the N. part of the China Sea." Forecast:—"NW to NE winds, moderate; fair."

On the 14th at 11.55 a.—"The barometer has risen moderately on the China coast. Pressure is high over N. China, and the depression in the Pacific appears to be now lying to the E. of Luzon. Gradients moderate with fresh monsoon on the China coast, and in the N. part of the China Sea." Forecast:—"moderate to fresh NE winds; showery."

At 4.20 p.—"Typhoon approaching East coast of Central Luzon, apparently moving WNW at present."

On the 15th at 11.0 a.—Red South Cone hoisted.—"The barometer is rising in the Phillipines, falling over S. China. The typhoon has moved into the China Sea, and seems to be now lying off the W. coast of Luzon in about 16° Lat. It is probably moving towards WNW at present. Pressure remains high over N. China. Strong NE winds to gales off the coasts of S. China, and in the N. part of the China Sea." Forecast:—"NE winds, probably increasing to a gale; squally, showery."

At 4.35 p.—Black South Cone hoisted.

On the 16th at 11.25 a.—"The barometer has fallen moderately over the S. coast of China, risen slightly in the Phillipines. The typhoon seems to be situated to the SSE of Hongkong in about 18° to 19° Lat., and to be moving, at present, towards NW. Bad weather in the N. part of the China Sea." Forecast:—"NE winds, probably a gale; squally, with rain."

At 7.30 p.—"The typhoon seems to have passed to the South of Hongkong moving Westwards towards S. Hainan."

On the 17th at 5.25 a.—Black South Cone lowered. At 11.50 a.—"The barometer has risen considerably on the China coast, and slightly in the Phillipines. The typhoon has probably passed into the S. part of the Gulf of Tongking. A high pressure area is central over N. China, and gradients are steep generally with heavy monsoon along the coast, and in the N. part of the China Sea." Forecast:—"strong NE winds; squally, some rain."

On the 18th at 11.55 a.—“The barometer has risen on the S. coast of China, fallen over the E. coast and Philippines. The high pressure area still lies over N. China, and pressure is again in defect over the Pacific to the E. of Luzon. Probably the typhoon has moved up the Gulf of Tongking. Gradients continue rather steep with very strong monsoon on the coast, and in the N. part of the China Sea.” Forecast :—“NE winds, decreasing; squally, some rain.”

On the 19th at 12.5 p.—“The barometer has fallen generally, particularly in Japan. A depression, lying to the E. of the Loochoos yesterday, has moved Northwards towards the SE coast of Japan. Pressure remains in defect to the E. of the Philippines, and high over N. China. Fresh monsoon on the coast, and in the N. part of the China Sea.” Forecast :—“moderate NE winds; fine.”

On the 20th at 12.5 p.—“The barometer has fallen slightly at all stations. The depression still lies in the Pacific to the E. of the Philippines. Pressure is highest over N. China. Gradients moderate to slight with fresh monsoon on the coast, and in the N. part of the China Sea.” Forecast :—“moderate NE winds; fine.”

On the 21st at 12.5 p.—“The barometer has risen at all stations. Pressure is high between the NE coast of China and the Sea of Japan, and still low over the Pacific to the E. of the Philippines. Gradients slight to moderate with fresh monsoon on the coast, and in the N. part of the China Sea.” Forecast :—“moderate NE winds; fine.”

On the 22nd at 11.20 a.—“The barometer has risen slightly on the China coast. Pressure remains high between the NE coast of China and the Sea of Japan, and low over the Pacific to the E. of the Philippines. Fresh monsoon on the China coast, strong monsoon in the N. part of the China Sea.” Forecast :—“moderate NE winds; fine.”

On the 23rd at 11.40 a.—“The barometer has fallen considerably in Luzon, and slightly on the China coast. The depression, lying to the E. of the Philippines during the past few days, has crossed Luzon and lies now off the coast to the NW of Manila. It appears to be moving Westwards at present. Increasing monsoon on the China coast, and strong N and NE winds to gales in the NE. part of the China Sea.” Forecast :—“N. winds, moderate to fresh; fine.”

On the 24th at 11.50 a.—“The barometer has fallen on the S. coast of China, risen on the E. coast and in Luzon. The depression seems to be now lying between the W. coast of Luzon and the Paracels, and moving Westwards. Pressure is high over N. China. Strong monsoon on the China coast, and strong N. and NE winds to gales in the N. part of the China Sea.” Forecast :—“NE winds, moderate to strong; fair.”

On the 25th at 11.50 a.—“The barometer has risen slightly over the China coast and Philippines. The depression is probably moving Westwards in the neighbourhood of the Paracels. Pressure remains high over N. China. Strong monsoon on the China coast, and strong NE winds to gales in the N. part of the China Sea.” Forecast :—“fresh NE winds; fine.”

On the 26th at 12.5 p.—“The barometer has risen slightly over S. China and the Philippines. The depression has probably approached the Northern coast of Annam. Pressure remains high over N. China. Fresh monsoon on the China coast, strong monsoon in the N. part of the China Sea.” Forecast :—“moderate NE winds; fair.”

On the 27th at 12.5 p.—“Barometric changes are slight. Pressure remains high over the interior of China, and an area of low pressure appears to be lying in the Pacific to the S. of the Loochoos. Strong monsoon on the China coast, and in the N. part of the China Sea.” Forecast :—“fresh N. winds; fine.”

On the 28th at 11.55 a.—“The barometer has fallen slightly on the China coast. The depression is probably lying in the neighbourhood of the Loochoos. Pressure remains high over the interior of China. Fresh to strong monsoon on the coast and in the N. part of the China Sea.” Forecast :—“fresh N. winds; fine.”

On the 29th at 11.55 a.—“The barometer has risen slightly over the China coast and Philippines. The depression lying near the Loochoos yesterday, is probably moving NE towards the S. coast of Japan. Pressure remains high over the interior of China. Fresh to moderate monsoon on the coast and in the N. part of the China Sea.” Forecast :—“moderate NE winds; fine.”

On the 30th at 11.40 a.—“The barometer has risen on the China coast. The depression is probably moving NE off the S. coast of Japan. Pressure remains high over the interior of China. Moderate to fresh monsoon on the coast and in the N. part of the China Sea.” Forecast :—“moderate NE winds; fine.”

W. DOBERCK,
Director.

Hongkong Observatory, 15th November, 1901.