

GOVERNMENT NOTIFICATION.—No. 559.

The following Extract of Meteorological Observations, made at the Hongkong Observatory during the month of August, 1902, is published.

By Command,

F. H. MAY,
Colonial Secretary.

Colonial Secretary's Office, Hongkong, 12th September, 1902.

EXTRACT OF METEOROLOGICAL OBSERVATIONS MADE AT THE HONGKONG OBSERVATORY
DURING THE MONTH OF AUGUST, 1902.

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,.....	29.65	88.6	83.2	77.7	81	0.92	66	8.4	...	W by N	8.2
2,.....	.38	86.9	81.6	76.2	87	.94	95	0.1	8.060	W	32.8
3,.....	.59	82.2	79.0	75.0	87	.86	100	...	4.185	S	24.7
4,.....	.75	86.0	81.3	79.3	87	.93	76	5.2	0.025	SE by E	16.3
5,.....	.80	86.1	81.6	78.0	86	.93	27	11.3	...	E by S	7.0
6,.....	.71	86.8	81.7	78.4	88	.96	44	5.2	1.060	W by N	5.6
7,.....	.63	89.6	84.4	79.9	77	.91	18	11.6	...	W by N	8.4
8,.....	.65	86.8	82.2	77.7	86	.95	46	6.1	1.085	W by S	4.7
9,.....	.66	87.4	83.7	77.2	82	.95	76	10.2	0.240	SW	13.0
10,.....	.66	82.2	79.1	74.2	93	.93	100	...	3.695	SW by W	4.4
11,.....	.73	84.7	79.2	76.0	91	.90	94	0.9	0.270	SSE	3.8
12,.....	.79	81.4	77.4	74.4	93	.87	96	0.1	3.375	ESE	5.8
13,.....	.85	83.7	78.9	74.8	87	.85	97	1.1	0.865	E by S	6.4
14,.....	.84	86.8	81.3	75.0	84	.90	83	7.7	...	SE by S	6.3
15,.....	.81	85.7	81.2	77.4	80	.86	29	11.0	...	E by S	5.6
16,.....	.80	88.2	82.1	76.9	77	.84	25	10.9	...	WSW	4.4
17,.....	.79	88.2	82.4	77.4	79	.87	59	10.4	...	SE by E	7.1
18,.....	.77	88.2	82.6	78.6	83	.92	31	10.6	...	E S E	6.0
19,.....	.76	88.9	83.8	80.1	78	.91	42	10.8	...	E	13.0
20,.....	.76	85.7	82.5	77.7	79	.88	69	9.5	0.550	E	26.0
21,.....	.82	85.8	81.7	77.9	83	.90	58	10.2	0.130	E by S	19.0
22,.....	.86	90.1	82.4	77.9	79	.88	41	11.2	...	SE by E	3.9
23,.....	.83	89.0	82.2	77.4	79	.87	56	10.1	...	SSE	3.7
24,.....	.81	87.1	81.9	78.0	80	.87	60	8.7	0.175	E by S	10.5
25,.....	.80	85.0	79.5	75.3	87	.88	96	3.0	1.870	E	12.8
26,.....	.83	85.1	81.4	77.7	83	.89	74	6.7	0.205	E by S	15.4
27,.....	.83	89.2	82.8	78.5	79	.89	57	9.0	...	E	9.5
28,.....	.76	87.5	82.7	78.8	82	.92	39	10.1	0.240	E by S	9.7
29,.....	.70	89.7	83.3	79.0	80	.92	35	9.9	...	SW by W	3.7
30,.....	.67	90.6	83.1	76.3	77	.87	69	9.7	0.475	W by N	7.3
31,.....	.67	89.6	84.4	80.1	64	.76	24	11.5	...	NW by N	10.5
Mean or Total,	29.74	86.9	81.8	77.4	83	.89	61	231.2	23.505	SE by E	10.2

The following notices have been issued during the month :—

On the 4th at 11.55 a.—“The barometer has risen in the neighbourhood of Hongkong, and is again falling over the Philippines.” Forecast :—“SE. winds, moderate or light ; showery to fine.”

On the 5th at 11.15 a.—“Another typhoon exists in the Pacific to the South of the Loochoos. The barometer has risen on the S. coast of China and over the S. Philippines, fallen in the neighbourhood of the Loochoos. Pressure is high over E. Japan. NE. and N. winds probably freshening on the E. coast of China and in the Formosa Channel.” Forecast :—“varying winds, light ; fine.”

On the 6th at 11.45 a.—“Red Drum hoisted. The typhoon seems to have moved Westwards since yesterday, and to be now situated to the E. of S. Formosa. Bad weather in the Formosa Channel and NE. part of the China Sea. Barometer falling on the China coast and in Luzon.” Forecast :—“varying winds, light or moderate ; squally, showery.”

On the 7th at 11.00 a.—“The typhoon is crossing Central Formosa, moving probably towards Northwest. Bad weather in the Formosa Channel. Barometer falling on the China coast and over W. Japan, rising slowly in Luzon. High pressure over E. Japan.” Forecast:—“West to Southwest winds, moderate; fair.”

On the 8th at 11.50 a.—“Red Drum lowered. The typhoon seems to be slowly moving Northwards near N. Formosa. It has apparently filled up to some extent by contact with the island. Barometer falling over the E. coast of China, rising in Formosa and over the Philippines.” Forecast:—“moderate to fresh W. and SW. winds; squally, thundershowers.”

On the 9th at 11.25 a.—“The typhoon is moving Northwards to the West of the Loochoos. Barometer rising over Formosa, falling in the North. Fresh S. monsoon in the China Sea and along the S. and S.E. coasts of China. Bad weather between the E. coast of China and W. Japan.” Forecast:—“moderate to fresh SW. winds; fair.”

On the 10th at 12.15 p.—“Barometric changes in Hongkong and over the Philippines are slight. No reports received from other stations.” Forecast:—“moderate SW. winds; thundershowers.”

On the 11th at noon.—“Delayed observations show that the typhoon was moving NE. off the W. coast of Japan yesterday morning. The barometer has risen on the China coast, fallen in the extreme North, probably owing to the typhoon in Japan. Gradients slight with moderate variable winds on the China coast.” Forecast:—“variable or E. winds, light to moderate; thundershowers.”

On the 12th at 11.55 a.—“The typhoon, which has probably filled up considerably, appears to be moving Eastwards off the S. coast of Japan. The barometer has risen considerably over W. Japan, and slightly on the China coast. Gradients are slight with moderate SE. and S. winds on the coast and over the N. part of the China Sea.” Forecast:—“SE. or variable winds, light to moderate; thundershowers.”

On the 13th at 11.45 a.—“The barometer is falling over the Philippines; rising in S. China, where pressure is now above the normal. Gradients slight with variable and NE. winds on the China coast.” Forecast:—“E. winds, light; showery.”

On the 14th at 12.5 p.—“A depression exists to the East of Luzon, where the barometer continues to fall. Pressure is inclined to give way also in the neighbourhood of Hongkong. Wind probably freshening from N. and NE. over the NE. part of the China Sea.” Forecast:—“variable winds, light; showery to fair.”

On the 15th at noon.—“The depression is apparently still lying over the Pacific to the E. of Luzon. The barometer has fallen over the Philippines and along the China coast. A depression has passed, from the mainland, over the NE. coast of China, moving Eastwards. Wind probably freshening from NE. in the Formosa Channel, and strong N. and NE. winds probably prevail over the NE. part of the China Sea.” Forecast:—“variable winds, light; fair.”

On the 16th at 11.50 a.—“The barometer has risen over the Philippines; fallen over Formosa, the Loochoos and W. Japan. An area of low pressure, apparently shallow, seems to be lying to the SW. of Luzon. The Northern depression is approaching W. Japan, moving Eastwards. High pressure over NE. Japan.” Forecast:—“N. winds, light; fair.”

On the 17th at 11.30 a.—“The barometer has fallen a little in Hongkong, risen slightly elsewhere. The shallow area of low pressure probably still exists in the China Sea and may be lying in the neighbourhood of the Paracels. The Northern depression seems to be filling up near W. Japan, and pressure remains high over E. Japan. Gradients slight with light variable winds on the China coast.” Forecast:—“light or moderate E. winds; fair.”

On the 20th at 11.55 a.—“Probably a depression is developing in the China Sea to the Southward of Hongkong in about 17° Lat. The barometer is inclined to fall over the Philippines and in Hongkong. Pressure is still high, but giving way over E. Japan. Strong NE. winds in the N. part of the China Sea.” Forecast:—“fresh to strong E. winds; squally, showery.”

On the 21st at 11.30 a.—“The shallow depression in the China Sea has probably moved Westwards towards Hainan. The barometer has risen slightly in S. China, over Formosa and the Philippines, fallen in NE. Japan. Gradients slight with moderate SE. winds on the China coast to the North of Hongkong.” Forecast:—“fresh to moderate E. breezes; squally, showery.”

On the 23rd at 11.20 a.—“The barometer is falling slowly at all stations except over N. China, pressure remaining high over that area. Probably pressure is in defect over the Pacific to the E. of Luzon, where a depression may shortly develop. Gradients slight for moderate NE. winds on the China coast.” Forecast:—“variable or NE. winds, light; fair.”

On the 24th at 11.40 a.—“Probably a low pressure trough, in some part of which a circular depression may form, lies across the N. part of the China Sea and the Pacific to the East of N. Luzon. The barometer continues to fall slowly over the Philippines, Formosa and S. China. It has risen in Japan, and pressure remains high over NE. China. NE. winds probably freshening in the Formosa Channel and N. part of the China Sea.” Forecast:—“moderate to fresh NE. winds; fair to showery.”

On the 25th at 11.25 a.—“The low pressure trough is still lying across the N. part of the China Sea and the Pacific to the East of N. Luzon. The barometer has risen in Japan and is little changed elsewhere. Pressure is high over Japan and N. China. Fresh NE. winds along the China coast and in the N. part of the China Sea.” Forecast:—“fresh NE. winds; squally, showery.”

On the 26th at 11.45 a.—“The low pressure trough still lies across the N. part of the China Sea and the Pacific to the East of N. Luzon. The barometer has risen considerably in Japan, where pressure is high. Fresh E. and NE. winds along the China coast and over the N. part of the China Sea.” Forecast:—“fresh E. winds; squally, showery.”

On the 27th at 11.50 a.—“The low pressure trough lies across the North part of the China Sea and the Pacific to the East of the Balingtang Channel. Pressure is high over E. Japan. The barometer has risen slightly over S. Japan and the Philippines, and is little changed elsewhere. Moderate or fresh NE. wind in the Formosa Channel and the N. part of the China Sea. Forecast:—“moderate NE. winds; showery.”

On the 28th at 11.45 a.—“The low pressure trough is still lying across the N. part of the China Sea and the Pacific to the East of the Balingtang Channel. The barometer has fallen generally, particularly over Japan. Pressure is still highest over Japan. Moderate NE. winds in the N. part of the China Sea. Forecast:—“moderate NE. winds; showery.”

On the 29th at 11.55 a.—“A typhoon has probably formed in the low pressure trough to the E. of the Balingtang Channel. Barometer falling in Luzon and S. China. Wind probably freshening from NE. in the Formosa Channel. Another depression has passed from the Mainland into the N. part of the Sea of Japan.” Forecast:—“moderate N. winds; fair.”

On the 30th at 12.10 p.—“Red Drum hoisted. The typhoon is situated to the East of Formosa. It appears to be moving towards Northwest. Bad weather in the Formosa Channel. Barometer falling quickly over Formosa and the SE. coast of China, rising over Luzon, N. China and Japan.” Forecast:—“NW. to SW. winds, moderate; fair.”

On the 31st at noon.—“The typhoon centre passed near and West of Ishigakijima (Meiaco Sima group) yesterday afternoon, and it is now situated to the NNE. of Formosa. It is probably moving Northwards. Bad weather over the N. part of the Formosa Channel and along the E. coast of China. The barometer has fallen on the E. coast of China, risen over Japan.” Forecast:—“moderate W. winds; fine.”

At 6.25 p.—“Red Drum lowered.”

On the 1st of September at 11.10 a.—“The typhoon is situated to the SSE. of Gutzlaff. It continues moving Northwards. Bad weather between the E. coast of China and W. Japan. Barometer fallen considerably in the neighbourhood of Shanghai, risen over Formosa, S. China and E. Japan. Pressure is high over E. Japan and over the interior of China apparently.” Forecast:—“moderate N. winds; fine.”

On the 2nd at 12.20 p.—“The typhoon, moving Northwards, probably passed East of Gutzlaff lighthouse during the night. Bad weather between the E. coast of China and W. Japan. The barometer has fallen in W. Japan, risen over E. Japan and S. China. Light variable winds in S. China, moderate NE. winds in the N. part of the China Sea.” Forecast:—“moderate N. winds; fine.”

On the 3rd at noon.—“The typhoon has probably moved up the Yellow Sea. Observations from Gutzlaff are however not to hand. Another depression exists to the E. of the Loochoos. Pressure remains high over E. Japan. The barometer has fallen over W. Japan and the Loochoos, risen over S. China and the Philippines. Light variable winds along the coasts of S. China.” Forecast:—“light N. winds; fine.”

On the 4th at 12.20 p.—“The typhoon has apparently moved NNE. over Korea, and lies this morning to the Westward of Wladivostok, where the barometer has fallen rapidly.”

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Hongkong Observatory, 10th September, 1902.