

OBSERVATORY.

No. 883.—Extract of Meteorological Observations made at the Hongkong Observatory during the month of September, 1906.

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,	29.79	83.3	80.7	77.6	90	0.94	84	3.5	1.645	E by S	15.9
2, .....	.82	87.1	82.2	78.0	83	.91	57	9.2	0.410	ESE	8.2
3, .....	.76	87.1	83.4	77.9	74	.85	38	11.0	...	E	13.7
4, .....	.66	82.6	78.9	76.6	90	.89	100	...	3.700	E by N	17.5
5, .....	.64	83.8	81.5	77.1	85	.91	99	0.1	0.885	SE by S	23.7
6, .....	.72	86.6	82.7	78.9	82	.91	86	5.2	0.005	SE	16.8
7, .....	.74	86.2	81.4	76.1	85	.91	67	6.1	1.050	E by S	7.8
8, .....	.60	89.9	84.3	79.9	70	.83	86	6.4	...	NW by N	11.2
9, .....	.54	86.1	81.6	76.9	63	.63	79	2.8	0.050	NW	17.0
10, .....	.65	86.5	81.3	76.1	65	.69	35	11.4	...	WNW	7.5
11, .....	.73	87.5	81.7	75.9	62	.68	39	8.5	...	N by E	9.8
12, .....	.75	84.0	78.8	73.4	84	.83	99	1.6	2.850	NE by E	19.0
13, .....	.78	82.6	80.2	77.2	83	.86	79	4.3	0.025	E by N	13.8
14, .....	.82	85.8	81.0	76.9	82	.87	38	9.3	...	ESE	5.2
15, .....	.85	79.6	77.6	75.8	91	.86	61	...	2.205	E	5.1
16, .....	.81	87.0	81.3	75.0	83	.88	8	11.2	...	W by S	4.6
17, .....	.79	86.3	81.2	78.7	85	.91	56	5.1	0.070	NW by W	5.6
18, .....	.73	82.2	78.5	74.5	87	.84	90	1.9	4.560	S by W	25.2
19, .....	.80	89.2	82.2	78.2	78	.86	91	7.8	0.230	ENE	12.8
20, .....	.73	82.0	80.0	77.0	86	.88	99	...	1.570	E by S	40.5
21, .....	.90	83.6	81.1	78.7	85	.90	71	9.2	0.050	E by S	22.1
22, .....	.88	86.1	81.6	76.8	80	.86	13	11.1	...	E	11.8
23, .....	.85	86.0	82.9	79.2	73	.83	30	11.4	0.020	E by N	32.5
24, .....	.93	81.2	79.9	75.0	85	.86	100	...	0.255	E	27.2
25, .....	.99	85.9	81.9	79.2	79	.86	59	10.2	...	E by S	10.8
26, .....	.96	89.0	81.2	76.2	81	.86	87	6.8	3.525	NNE	3.8
27, .....	.88	83.4	79.3	74.4	84	.84	76	6.8	1.455	E by S	11.2
28, .....	.69	90.3	82.4	77.0	67	.74	91	6.9	0.500	N by E	20.5
29, .....	.56	82.2	78.3	75.3	84	.82	100	...	5.265	E by S	56.2
30, .....	.86	84.9	81.3	79.2	83	.88	94	3.4	0.270	SE	24.3
.....
Mean or Total,	29.77	85.3	81.0	77.0	80	0.85	70	171.2	30.595	E	16.7

MEANS OF 20 YEARS FOR SEPTEMBER.

Max'm,	29.89	87.3	81.9	78.4	84	0.85	65	245.7	19.11	...	19.0
Mean,	29.84	85.3	80.3	76.6	76	0.79	56	200.7	8.21	E by N	11.8
Min'm,	29.76	82.5	78.6	74.1	65	0.69	40	162.7	0.63	...	6.9

The following notices have been issued by Mr. F. G. Figg, during the month :—

On the 1st at 11.40 a.—“The barometer has risen along the China Coast, and fallen over Japan and the Philippines. Pressure is high in the neighbourhood of the Loochoos, and also over N.W. China. It is lowest over the Sea of Japan in the North, and over the middle part of the China Sea in the South. Probably a low pressure trough extends over the middle part of the China Sea and the Philippines. The normal pressure is exceeded by about 0.1 inch over the Loochoos, and it is in defect by 0.1 inch and upwards over E. Japan, and by about 0.05 inch over the Philippines.” Forecast:—“E. winds, moderate or fresh ; showery.”

On the 2nd at 11.55 a.—“The barometer has risen a little over the S. and E. coasts of China, and fallen slightly in Formosa. Pressure is highest over Central China, and lowest in the trough lying across the middle part of the China Sea, and extending Eastwards over the Philippines to the Pacific. Pressure is practically normal along the China Coast. It is in defect slightly over 0.05 inch over the Philippines.” Forecast:—“E. to N.E. winds, light to moderate ; weather improving.”

On the 3rd at 11.30 a.—“The barometer has risen moderately over N. China, S. Japan, and the S. Philippines; and fallen slightly over Formosa and the S. coast of China. Pressure is high over Central China, and low in a depression which having passed over E. Japan yesterday, has now moved into the Pacific. Pressure continues relatively low in the trough, which is liable to give rise to a circular depression, lying over the China Sea, probably in about 16° Lat. The normal pressure is exceeded by about 0.1 inch over N. China; and is in defect by about 0.3 inch over N.E. Japan and by 0.05 inch in Luzon.” Forecast:—“N.E. winds, moderate; fair.”

On the 4th at 11.40 a.—“The barometer has risen slightly over Japan and the Philippines, and fallen briskly in the neighbourhood of Hongkong. Probably a depression has formed in the trough to the N.E. of the Paracels. It appears to be shallow and to be moving towards N.W. Pressure is highest over N. China where it exceeds the normal by about 0.1 inch. Over N.E. Japan it remains low, and in defect between 0.2 and 0.3 inch. It is also over 0.1 inch below the normal in the neighbourhood of Hongkong.” Forecast:—“E. winds, fresh or strong; squally, rainy.”

On the 5th at 11.30 a.—“The barometer has risen in Japan, and fallen slightly over the Gulf of Pechili, Hongkong and the S. Philippines. The depression has probably approached the coast in the neighbourhood of Hainan Straits. It apparently continues to move towards N.W. Pressure is highest over Central China. It remains low over N.E. Japan, in rear of a depression which was passing to the Northward of Hokkaido and moving towards the Pacific yesterday afternoon. Departures from the normal pressure are slight, except over N.E. Japan and in Hongkong where it is in defect by about 0.2 inch.” Forecast:—“S.E. winds, strong; squally, showery.”

On the 6th at 11.20 a.—“The barometer has risen over Japan and in the neighbourhood of Hongkong, and fallen over the E. Coast of China and the Philippines. The depression has probably moved into the Gulf of Tongking. The decrease of pressure over the Philippines appears to be due to a new depression over the Pacific, probably to the E. of Luzon. Pressure is highest over S. Japan, where the normal is slightly exceeded. It is in defect about 0.1 inch in Hongkong, and about the same amount over the Philippines.” Forecast:—“S.E. and E. winds, fresh to moderate; showery to fair.”

On the 7th at 11.55 a.—“The barometer has risen over the S. and N. Coasts of China, and fallen in Formosa and Meiac Sima. The depression appears to be situated to the N.E. of Luzon, and to be moving towards N.W. A shallow area of low pressure lies off the S. Coast of Japan. Pressure is highest over N. China. It is about 0.1 inch in defect of the normal over Central Japan, S. Formosa and at Manila.” Forecast:—“E. to N.E. winds, light to moderate; weather improving.”

On the 8th at 11.30 a.—“The barometer has fallen rapidly over Formosa and the S. and S.E. coasts of China, and risen over the S. Philippines. The typhoon has reached S. Formosa. It apparently continues to move towards N.W., and threatens the Coast in the neighbourhood of Amoy. The other depression has moved into the Pacific to the N.E. of Japan. Pressure is highest over N. China, where the normal is slightly exceeded. In S. Formosa it is 0.3 inch in defect. Bad weather will prevail in and to the Northward of the Formosa Channel.” Forecast:—“N. to N.W. winds, freshening; fine at first, squally with rain later.” At 4.20 p.—Orders issued to hoist the Black Drum.

On the 9th at 10.55 a.—“The barometer has fallen on the China Coast, particularly in Amoy. The typhoon is off the Coast to the S.E. of Amoy. It continues to move towards N.W. Pressure is high, apparently, to the N.W. of China. It is below the normal from 0.3 to 0.5 inch between Hongkong and Foochow and in Formosa. Bad weather will continue in and to the Northward of the Formosa Channel, and strong N.W. and W. winds will prevail over the N. part of the China Sea.” Forecast:—“N.W. winds, strong; fair, squally.” At 11.5 a.—Orders issued to hoist the Black Cone point upwards with the Drum. At 9.50 p.—Signal lowered.

On the 10th at 11.40 a.—“The barometer has risen over Formosa and the S. and S.E. Coasts of China, and fallen on the East Coast. The typhoon centre entered the Coast yesterday evening a little to the South of Amoy. It appears to be spreading Northwards as an ordinary depression. Pressure probably remains high to the N.W. of China, and it is also about 0.1 inch above normal over S.E. Japan. It remains in defect from 0.2 to 0.3 inch on the China Coast between Hongkong and Shanghai. Gradients are rather steep over the E. Coast of China, and strong winds to gales from S.E. to N.E. will prevail over that area. Moderate N.W. to S.W. winds are indicated over the N. part of the China Sea.” Forecast:—“N.W. winds, moderate; fine.”

On the 11th at 11.30 a.—“The barometer has risen considerably over S. China and E. Japan. The recent typhoon is shown, this morning, as a feeble depression near the mouth of the Yangtze. Pressure is high to the N.W. of China, and also over E. Japan, the normal being exceeded by 0.2 inch and upwards over the latter area. It is still in defect, about 0.1 inch, on the China Coast between Hongkong and Shanghai. Probably a low pressure trough will form over the N. part of the China Sea.” Forecast:—“N.E. winds, moderate; fine.”

On the 12th at 11.35 a.—“The barometer has risen over Formosa, and the S.E. and E. Coasts of China, and is little changed elsewhere. A circular depression appears to have formed, or to be forming in the low pressure trough to the Southward of Hongkong, probably in from 18° to 20° Lat. Pressure remains high over E. Japan and also to the N.W. of China. The most important departures from the normal are shown, over E. Japan where pressure is from 0.2 to 0.3 inch in excess, and in the neighbourhood of Hongkong where it is in defect about 0.1 inch.” Forecast:—“N.E. winds, fresh to strong; squally, showery.”

On the 13th at 11.45 a.—“The barometer has risen slightly in the neighbourhood of Hongkong, and fallen moderately over Central Japan and Formosa. The depression in the China Sea appears to have moved Westwards. A new depression is shown over S. Formosa this morning, and another one in Central Japan. They appear to be shallow. Pressure is high over N. China, and also over N.E. Japan, the normal being exceeded by 0.3 inch over the latter area. Over Central Japan and Formosa it is in defect about 0.1 inch. Unsettled and squally weather will continue over the N. part of the China Sea and in the Formosa Channel.” Forecast:—“E. to N.E. winds, fresh or strong; squally, showery.”

At 5 p.—“The depression near Pescadores appears to be moving towards N.N.W.”

On the 14th at 11.40 a.—“The barometer has fallen over N. China and N.E. Japan, and risen elsewhere. The depression is still shown in the Formosa Channel, but it has almost filled up. Pressure remains high over N.E. Japan, about 0.2 inch in excess of the normal. Elsewhere departures from the average pressure are small. Gradients along the China Coast are mostly slight.” Forecast:—“S.E. or variable winds, light; showery.”

On the 15th at 11.45 a.—“The barometer has fallen considerably over N.E. Japan, and risen slightly over S. China. Pressure is almost uniform, and departures from the normal small in amount. It is highest over N. China in the West, and over the Pacific to the S.E. of Japan in the East. It is slightly lower over the N. part of the Sea of Japan, and in the neighbourhood of S. Formosa, than elsewhere. Gradients are slight generally.” Forecast:—“E. or variable winds, light; showery.”

On the 16th at 11.25 a.—“The barometer has fallen over China and Japan. A depression is moving Eastwards over N.E. Japan, and possibly a second area of low pressure is situated over N. China. Pressure is highest and in slight excess of the normal over the Pacific in the neighbourhood of the Loochoos. It is in defect by 0.3 inch over N.E. Japan, and by about 0.1 inch over the E. Coast of China.” Forecast:—“W. winds, light or moderate; fine.”

On the 17th at 11.35 a.—“The barometer is rising over N. China and Japan, and falling slowly over the Philippines. The depression over N. E. Japan, is moving into the Pacific. Pressure is relatively high in the neighbourhood of the Loochoos, and over Central China. Except over E. Japan, where pressure is from 0.2 to 0.4 inch in defect, departures from the normal are small in amount.” Forecast:—“Variable winds, moderate; probably some thunder showers.”

On the 18th at 8.0 a.—Orders issued to hoist the Black Drum and at 8.40 a. to fire the typhoon gun. “The centre of a small typhoon, probably formed last night to the East of Hongkong, passed quickly over the Colony between 8.30 a.m. and 11 a.m. It gave no indication of its existence until close to the Colony.” Forecast:—“S.E. winds, decreasing; showery.” At 12.10 p.m.—Signal lowered.

On the 19th at 1.0 p.m.—“The barometer has risen over Japan, and in Hongkong, and fallen over Formosa and Luzon. A typhoon has crossed Luzon and entered the China Sea. It appears to be situated at present to the N.W. of the island, and to be moving towards W.N.W. An area of high pressure lies over N. China and the Sea of Japan. Over the N. part of the China Sea, freshening N. and N.E. winds are indicated.” Forecast:—“N.E. winds, moderate; fair.” At 5.55 p.m.—Orders to hoist the Red Cone point downwards and Drum (typhoon S.E. of Colony distant more than 300 miles). The Black signal having been damaged on the 18th, was not available.

On the 20th at 4.10 a.—Orders issued to fire the typhoon gun and to hoist the Black Cone point downwards (typhoon S. of Colony within 300 miles). At 9 15 a. to hoist the Black Cone point downwards and Ball (typhoon S.W. of Colony within 300 miles). “The typhoon has moved across the China Sea with unusual rapidity. It continues to move towards W.N.W.” Forecast :—“Decreasing S.E. gale ; squally, showery.” At 3 p.m.—Signal lowered.

On the 21st at 12.30 p.m.—“The barometer has risen in Hongkong and Formosa, and fallen over S. Japan and the Philippines. The typhoon probably reached the coast last night in the neighbourhood of Hainan. This morning there are indications of a new depression to the S.E. of Luzon. Pressure is highest over E. Japan. Gradients are slight over the China Coast except in the West.” Forecast :—“E. winds, moderate ; fair.”

On the 22nd at 12.10 p.m.—“The barometer has fallen quickly at Manila, and it has also commenced to fall over S. China and Formosa. The typhoon has entered the China Sea and is now to the West of Manila. It will probably move at first towards W.N.W., and later towards N.W. Pressure is highest over N.E. Japan in the East, and over Central China in the West. Bad weather may be expected over the China Sea.” Forecast :—“N.E. winds, freshening ; weather again becoming squally and unsettled.”

On the 23rd at 7.40 a.—Orders issued to hoist the Red Cone point downwards (typhoon S. of Colony distant more than 300 miles.) At 11.45 a.—“The barometer has fallen slightly in Hongkong, and risen over Luzon and N. China. The typhoon is probably situated to the Eastward of the Paracels. It appears to be moving towards N.W. Pressure is highest over N. China. Bad weather will continue over the China Sea.” Forecast :—“N.E. to E. winds, moderate to fresh gale ; squally, showery.”

On the 24th at 5.30 a.m.—Signal lowered. At 12.5 p.—“The barometer has risen over S. China and the Philippines. The typhoon has probably moved up the Gulf of Tongking. Gradients are slight on the Coast between Hongkong and N. China. Weather improving over the China Sea.” Forecast :—“E. winds, fresh to moderate ; showery.”

On the 25th at 10.55 a.—“The barometer has commenced to fall again over the Philippines. This may be due to a depression as yet far out in the Pacific. Over E. Japan the barometer has fallen, probably owing to the existence of a depression over the N. part of the Sea of Japan. An anticyclonic area seems to be spreading over N. China from the N.W., a considerable increase of pressure having taken place at Weihaiwei. Strong N.E. monsoon is expected to set down the China Coast.” Forecast :—“E. to N.E. winds, moderate to fresh ; fair.”

On the 26th at 11.40 a.—“The barometer has fallen considerably over the Philippines and risen over N. China. It is inclined to fall in Hongkong. The depression noted yesterday morning is a typhoon. It is now situated to the E. of Luzon, and probably moving Westward at present. The area of high pressure remains over N. China, and very hard N.E. monsoon will be met with over the E. Coast and Formosa Channel. In the China Sea N. gales will probably prevail to the South of 20° Lat.” Forecast :—“N.E. winds freshening ; fair.”

On the 27th at 11.5 a.—“The barometer has fallen generally, particularly in Manila where the decrease of pressure exceeds 0.3 inch. The typhoon is crossing Luzon to the North of Manila. It appears to be moving towards W.N.W., and very bad weather will prevail over the China Sea during the next two or three days. Pressure is still high over N. China.” Forecast :—“N.E. winds, freshening ; showery.”

On the 28th at 8.45 a.—Orders issued to hoist the Red Cone point downwards and Drum (typhoon S.E. of the Colony distant more than 300 miles). At 11.0 a.—“The barometer has risen considerably in the Philippines, and fallen sharply in Hongkong and Formosa. The typhoon is situated to the N.W. of Luzon. It is moving towards W.N.W. at present. Pressure remains high over N. China, and gradients are steep over the whole of the China Coast to the South of Shanghai. Bad weather will continue in the Formosa Channel and over the China Sea.” Forecast :—“N. to N.E. winds gradually increasing to a gale ; squally, rain later.” At 1.45 p.—Orders issued to hoist the Black Cone point downwards and Drum (typhoon S.E. of the Colony within 300 miles), and at 5.0 p. to fire the typhoon gun.

On the 29th at 6.35 a.—Orders issued to hoist the Black Cone point downwards (typhoon S. of the Colony within 300 miles). At 12.30 p.—Orders issued to hoist the Black Ball and Cone point downwards (typhoon S.W. of the Colony within 300 miles). At 2.20 p. to hoist the Black Ball (typhoon W. of the Colony within 300 miles), and at 7.45 p. to lower it.

On the 30th at 1.5 p.—“The barometer has risen quickly in Hongkong, and moderately in Formosa. The typhoon probably entered the Coast last evening between Macao and Kwong Chau Wan Bay.” Forecast:—“S.E. to E. winds, fresh; squally, showery.”

W. DOBERCK,
Director.

16th October, 1906.

MAGISTRACY.

No. 884.—The Annual Session of His Majesty's Justices of the Peace will be held in the Justices' Room, at the Magistracy, on Wednesday, the 14th day of November, 1906, at 2.30 p.m., for the purpose of considering applications for publican's and adjunct licences for the year 1906-1907, under Ordinance No. 8 of 1898.

Forms of application may be obtained at the Magistracy.

All applications must be forwarded to the Magistracy on or before Thursday, the 1st day of November, 1906.

H. H. J. GOMPERTZ,
Police Magistrate.

17th October, 1906.

MEDICAL DEPARTMENT.

No. 885.—Tenders will be received at the Colonial Secretary's Office until Noon of Monday, the 19th of November, 1906, for the supply of Aerated Waters; Bedding and Clothing; Beer, Spirits, Wines, &c.; Chemicals, Drugs, Surgical Instruments and Sundries; Coal; Furniture, &c.; Milk, &c., Provisions; Sundries; and Washing; (Schedules Nos. 1 to 10), required locally, to this Department, for the period of one year, from the 1st of January next.

Tenders may be made for all 10 Schedules, or for each separately.

Tenders must be in duplicate and in sealed envelopes, endorsed “Tender for Civil Medical Department Contract.”

No tender will be considered unless the person tendering produces a receipt to the effect that he has deposited in the Colonial Treasury the sum of \$200, as a pledge of the *bonâ fides* of his offer, which sum shall be forfeited to the Crown, if such person refuses to carry out his tender, should the tender be accepted.

The Contractor will be required to enter into a bond for the due fulfilment of his contract, and for the supply of all articles of the best quality.

The Contractor for Schedule No. 8 will be required to supply store accommodation ample enough for the housing of provisions, and such store must be kept in a sanitary condition.

The Contractor for Schedules Nos. 7 and 8 will be required to deliver the supplies for the Victoria Hospital for Women and Children at the Hospital on Barker Road (Peak).

The Contractor for Schedule No. 10 will be required to collect the bedding and clothing at the Civil Hospital, and the Victoria Hospital for Women and Children on Barker Road (Peak), returning the same to these institutions when washed.

Except where otherwise stated, the Contractor will be required to deliver all supplies at the Civil Hospital.

The Contractor will be required to deliver all supplies, &c., free from any additional charge, beyond that stated in his tender.

The Government does not bind itself to accept the lowest or any tender.

For Form of Tender apply at the Colonial Secretary's Office.

All other information may be obtained from the Principal Civil Medical Officer at the Civil Hospital.

J. M. ATKINSON,
Principal Civil Medical Officer.

17th October, 1906.