

## GOVERNMENT NOTIFICATION.—No. 176.

The following List of Meteorological Stations in the Far East in communication with the Hongkong Observatory in 1885, is published for general information.

By Command,

FREDERICK STEWART,  
*Acting Colonial Secretary.*

Colonial Secretary's Office, Hongkong, 15th May, 1886.

LIST OF METEOROLOGICAL STATIONS IN THE FAR EAST IN COMMUNICATION WITH THE HONGKONG OBSERVATORY IN 1885.

The meteorological stations mentioned below belong to the Imperial Maritime Customs of China with the following exceptions:—

- Bolinao.—Eastern Extension A. & C. Telegraph Company.
- Manila.—Jesuit Fathers.
- Haiphong.—French Government.
- Macao.—Portuguese Government.
- Hongkong.—British Colonial Government.
- Nagasaki.—Japanese Government.
- Yuensan.—Korean Government.
- Fusan.—Korean Government.
- Wladivostock.—Russian Government.

Stations marked T report only through telegraph except when otherwise mentioned. The telegrams comprise readings of the barometer, attached, dry and damp thermometers, the direction and force (0-12) of the wind, the amount of rain, and the weather (Beaufort notation) at 10 a. and 4 p. From stations marked O observations made at other hours are occasionally received. Stations marked V have been visited by me.

Stations marked A began in the course of 1885 observations with instruments of uniform and approved construction including standard barometer, dry, damp, maximum, minimum, black bulb and grass minimum thermometers and rain-gauge. Those instruments were unpacked, verified and wooden screens constructed under my superintendence and they were distributed from the Custom House at Amoy, from which were issued also instructions for making and forms for entering the observations arranged by the Commissioner of Customs in accordance with my suggestions. The returns are received through and suggestions usually addressed to the Commissioner at Amoy. The observations are made at 3 a, 6 a, 9 a, noon, 3 p, 6 p, 9 p and midnight except at the following stations, where observations are made only at the hours named:—

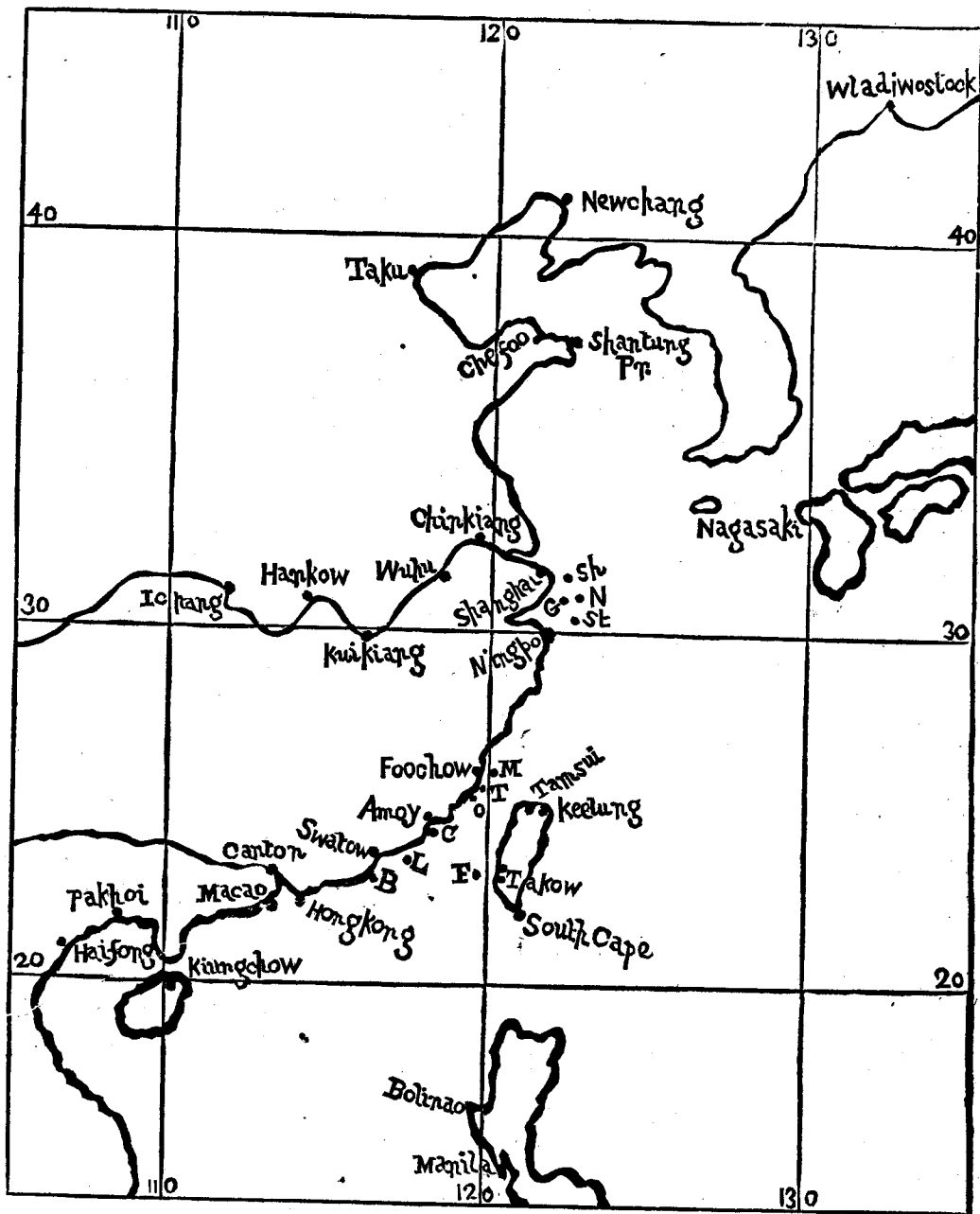
Pakhoi,.....	8 a, Noon, 4 p.
Kiungchow,.....	7 a, 10 a, 1 p, 4 p, 7 p.
Swatow, .....	3 a, 9 a, 3 p, 9 p.
Tamsui, .....	6 a, 9 a, noon, 3 p, 6 p.
Keelung, .....	6 a, 9 a, noon, 3 p, 6 p.
Anping, .....	6 a, 9 a, noon, 3 p, 6 p, 9 p.

Stations marked H began before the end of 1885 observations with instruments of approved construction, bought in Hongkong and verified here, the thermometers being exposed in screens also forwarded from here, similar to those in use at stations marked A. Similar instructions were issued to the observers by the Commissioner of Customs at Hankow, but he adopted a different form of entry and the hours are 10 a. 4 p. and 10 p. Stations marked S were in 1884 supplied with standard barometers, compared under the supervision of the Harbour Master at the Custom House in Shanghai. The hours are the same as at stations marked A.

In Takow observations are made at 9.30 a, noon and 3.30 p, in Ningpo at 4 a, 8 a, noon, 4 p, 8 p, and midnight. At Chinkiang, NE Shantung Promontory, SE Shantung Promontory, Chefoo, Howki, Taku and Newchwang observations are made at every three hours but the instruments are of inferior construction, exposed in various manners and the observations very much inferior to those marked A or H.

In Macao observations are made at 4 a, 10 a, 1 p, 4 p and 10 p. In Fusan and Yuensan observations are made at the same hours as at stations marked A or S.

In the accompanying woodcut B means Breaker Point; L Lamocks; C Chapel Island; F Fisher Island; O Ockseu; T Turnabout; M Middle Dog; Sh Shaweishan; G Gutzlaff; N North Saddle and St. Steep Island.



Meteorological Stations reporting to Hongkong Observatory 1885

The approximate latitudes (North) and the approximate longitudes (East of Greenwich) of the stations are as follows:—

1 Bolinao (T O) .....	16°24'	119°55'	24 Keelung (A) .....	25° 8'	121°45'
2 Manila (T) .....	14 36,	120 58	25 Ningpo .....	29 58,	121 44
3 Haiphong (T) .....	20 52,	106 40	26 Shanghai (T V).....	31 15,	121 29
4 Pakhoi (A) .....	21 29,	109 6	27 Shaweishan (S).....	31 25,	122 15
5 Kiungchow (Hoihow) (A) .	20 3,	110 20	28 Gutzlaff (S) .....	30 49,	122 11
6 Macao (OV) .....	22 11,	113 33	29 North Saddle (S) .....	30 52,	122 40
7 Canton (A) .....	23 7,	113 17	30 Steep Island (S) .....	30 12,	122 36
8 Hongkong (V) .....	22 18,	114 10	31 Chinkiang (V) .....	32 12,	119 30
9 Breaker Point (A).....	22 56,	116 28	32 Wuhu (H V) .....	31 22,	118 22
10 Swatow (A V) .....	23 20,	116 43	33 Kiukiang (H V).....	29 43,	116 7
11 Lamocks (A).....	23 15,	117 18	34 Hankow (H V) .....	30 33,	114 20
12 Chapel Island (A) .....	24 10,	118 13	35 Ichang (H) .....	30 12,	111 19
13 Amoy (T A V) .....	24 27,	118 4	36 Chefoo .....	37 34,	121 32
14 Dodd Island (O).....	24 26,	118 29	37 Howki .....	38 4,	120 39
15 Ockseu (A V) .....	24 59,	119 28	38 NE Shantung Promontory...	37 24,	122 42
16 Turnabout (A V) .....	25 26,	119 59	39 SE " " .....	36 54,	122 32
17 Middle Dog (A V).....	25 58,	120 2	40 Taku .....	38 53,	117 50
18 Foochow (T A).....	26 8,	119 38	41 Newchwang .....	40 35,	122 0
19 South Cape (A V).....	21 55,	120 51	42 Nagasaki (T).....	32 45,	129 52
20 Takow (V) .....	22 36,	120 16	43 Fusan .....	35 5,	129 6
21 Anping (A V) .....	22 59,	120 13	44 Yuensan.....	39 9,	127 33
22 Fisher Island (A V) .....	23 33,	119 28	45 Wladiwostock (T).....	43 2,	131 58
23 Tamsui (A) .....	25 10,	121 25			

Hongkong Observatory, 22nd April, 1886.

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