

**ROYAL OBSERVATORY  
HONG KONG**

**SUMMARY OF METEOROLOGICAL  
OBSERVATIONS IN HONG KONG  
1994**



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## 1. INTRODUCTION

Records of surface meteorological observations made at stations in Hong Kong, mostly on an hourly basis, were published since 1884 in annual volumes of 'Meteorological Results Part I—Surface Observations'. Commencing 1969, meteorological data were compiled by computer with the assistance of the then Government Data Processing Agency. Details of the computerization procedures are described in 'Royal Observatory Technical Note (Local) No. 17'. In 1987, this publication was re-named 'Surface Observations in Hong Kong'. In 1988, a new computerization scheme was adopted and processing of meteorological data was performed using Royal Observatory computers. Since 1993, major changes in presentation have been introduced. The rationale is to prepare a condensed publication containing only summarized information and in graphical form as far as possible so as to improve readability. Both surface and upper-air data are now included in this revised publication entitled 'Summary of Meteorological Observations in Hong Kong'. Accordingly, 'Surface Observations in Hong Kong' and 'Summary of Radiosonde-Radiowind Ascents' are now made obsolete.

The time used in this publication is Hong Kong Time which is 8 hours ahead of Co-ordinated Universal Time (UTC). For most practical purposes, Co-ordinated Universal Time is the same as Greenwich Mean Time (GMT).

Climatological normals refer to those computed from data collected during the 30-year period 1961–1990. Extreme weather records are compared against the data recorded in the periods 1884–1939 and 1947–1994 for the Royal Observatory Headquarters.

## 2. METEOROLOGICAL STATIONS IN HONG KONG

Both manned and automatic stations are operated by the Royal Observatory. Their locations as at 31 December 1994 are shown in Figure 1. Station details are briefly described in the following paragraphs.

### MANNED WEATHER STATIONS OPERATED BY THE ROYAL OBSERVATORY

Details on the positions, elevations of ground near the thermometer screen, barometer and anemometer of the manned stations are tabulated below.

Station	Position		Elevation above mean sea-level (metres)		
	Latitude N	Longitude E	barometer	anemometer	ground
Royal Observatory	22° 18'	114° 10'	62	74	32
King's Park	22° 19'	114° 10'	66	78	65
Hong Kong International Airport	22° 20'	114° 11'	24	16	4

Observations of wind, visibility, weather condition, atmospheric pressure, dry-bulb and wet-bulb temperatures, rainfall amount, cloud type and height of cloud base are normally taken at hourly or more frequent intervals. Climatological data and analyses for these stations are available on request from the Royal Observatory.

Royal Observatory Headquarters had been the synoptic reporting station for Hong Kong since 1884 until 1 July 1992 when it was replaced by King's Park Meteorological Station.

King's Park is also the only upper-air station in Hong Kong.

### AUTOMATIC WEATHER STATIONS

Automatic weather stations were set up in Hong Kong to meet increasing demands for regional meteorological data for engineering projects in areas under development and to improve weather services. As at 31 December 1994, there were 18 such stations in operation (see Figure 1). Details of the positions and elevations of the ground near the thermometer screen of these stations are listed below.

Station	Position		Elevation of ground above mean sea-level (metres)	Date of first operation
	Latitude N	Longitude E		
Royal Observatory	22°18'	114°10'	32	10 Jul 1984
Sha Tin	22°24'	114°12'	7	1 Oct 1984
Huangmao Zhou	21°49'	113°57'	60	10 Jul 1985
Lau Fau Shan	22°28'	113°59'	34	16 Sep 1985
Ta Kwu Ling	22°32'	114°09'	12	14 Oct 1985
Tuen Mun	22°24'	113°58'	63	23 Oct 1987
Wong Chuk Hang	22°15'	114°10'	5	1 Aug 1989
Waglan Island	22°11'	114°18'	56	22 Aug 1989
Tai Po Kau	22°27'	114°11'	4	22 Aug 1990
Sai Kung	22°23'	114°16'	4	3 Mar 1993
Tseung Kwan O	22°19'	114°15'	32	1 Dec 1991
Cheung Chau	22°12'	114°01'	72	30 Mar 1992
King's Park	22°19'	114°10'	65	1 Jul 1992
Ping Chau	22°33'	114°26'	29	1 Jan 1993
Kat O	22°32'	114°18'	10	1 Jan 1993
Tai Mei Tuk	22°29'	114°14'	55 #	1 Jan 1993
Sha Lo Wan	22°18'	113°54'	58	25 Feb 1993
Tap Mun	22°28'	114°21'	24 #	15 Sep 1993

# Height of ground near radiological monitoring equipment.

At automatic weather stations, measurements of wind, dry-bulb and wet-bulb temperatures, dew point, relative humidity, atmospheric pressure and rainfall are recorded by automatic instruments and data are transmitted to the Royal Observatory at one-minute intervals via telephone circuits. The station in Huangmao Zhou was installed in co-operation with the Guangdong Meteorological Bureau and data are transmitted to the Royal Observatory at half-hourly intervals by UHF radio and leased telephone circuit.

Wind data from nine other anemometer stations, namely, Shell and Ching Pak House on Tsing Yi Island, Tai Mo Shan, Tate's Cairn, Central, Wan Chai (Central Plaza), Star Ferry (Tsim Sha Tsui), Cheung Sha Wan and Green Island, are also transmitted in real-time to the Royal Observatory.

### RAINFALL STATIONS

There are two types of rainfall stations operated by the Royal Observatory. A network of manned rainfall stations, made possible by co-operation of voluntary observers, has been in operation since the early 1950's. Starting from 1983, automatic rainfall stations were set up in Hong Kong to provide real-time rainfall information for the operation of rainstorm, flood and landslip warnings.

### 3. INSTRUMENTS AND METHODS OF OBSERVATION

Instruments and methods of observation used at the Royal Observatory since 1884 are described in Royal Observatory Technical Memoir No. 5 'Hong Kong Meteorological Records and Climatological Notes' published in 1952 with a supplement printed later in 1963.

Figures 2 and 3 are sketch maps of the Royal Observatory Headquarters and King's Park Meteorological Station respectively showing the locations of the instruments as at 31 December 1994. The following paragraphs describe the procedures adopted for measuring various meteorological elements in 1994.

### SURFACE OBSERVATIONS

#### *Atmospheric Pressure*

At the Royal Observatory, the Kew-pattern barometer No. S3495/46/54/56, manufactured by F. Darton Co. Ltd., was used to measure atmospheric pressure every hour. Correction for index error, adjustment of the readings to the standard temperature of 0°C and the standard gravity of 9.80665 m/s<sup>2</sup>, and reduction to mean sea-level were carried out using the methods described in 'World Meteorological Organization (WMO) publication No. 8, Guide to Meteorological Instruments and Observing Practices'.

At King's Park, the Kew-pattern barometer No. S3478/46/70, also manufactured by F. Darton Co. Ltd., was used for taking observation four times daily. Also, hourly observations of atmospheric pressure were made using digital pressure gauge Model 370 by Setra System Inc.

At the Airport, the Kew-pattern barometer No. S3509/46/63 was used to measure atmospheric pressure at half-hourly intervals.

#### *Air Temperature, Wet-bulb Temperature, Dew Point, Vapour Pressure and Relative Humidity*

Surface observations of air temperature (dry-bulb temperature), wet-bulb temperature, dew point, vapour pressure and relative humidity were taken or computed at the Royal Observatory and King's Park every hour.

At the Royal Observatory, dry-bulb and wet-bulb temperatures were read from the digital display of a microprocessor-based system connected to platinum resistance thermometers placed about 1.2 metres above ground level in an open shed with a roof made of two separate layers of matting. The open shed arrangement is more satisfactory than a Stevenson screen which is liable to overheat in hot calm weather. A comparison between temperatures measured in the shed and in the screen was made in 1978 and the results were published in 'Royal Observatory Technical Note No. 49'.

In 1988, a computer program was developed to compute vapour pressure, relative humidity and dew-point temperature from readings of dry-bulb and wet-bulb temperatures using the modified Hooper's method described by G.P. Sargent of the British Meteorological Office in the 'Meteorological Magazine, No. 1297, volume 109' in 1980.

Digital recording systems of maximum and minimum temperatures were used at the Royal Observatory using the same platinum resistance thermometers. Readings were taken three times daily at 08 hours, 20 hours and midnight, and re-setting was done each time. Conventional mercury-in-glass maximum and minimum thermometers were similarly exposed in the open shed as back-up.

A Casella bimetallic thermograph, Model B.S. 3231, Serial No. 8652 was also installed in the shed. Autographic records of the dry-bulb and wet-bulb temperatures were kept and used for quality control of air temperature data.

At King's Park, platinum resistance thermometers exposed about 1.2 metres above ground level in a Stevenson screen were used. Hourly readings were computed from a microprocessor-based system connected to these platinum resistance thermometers.

At the Airport, dry-bulb and wet-bulb temperatures, dew point and relative humidity were read half-hourly from a digital recording system using platinum resistance thermometers. Maximum and minimum temperatures were taken daily from the same system and re-setting was done at midnight.

#### *Wind*

At the Royal Observatory, winds were recorded by a R.W. Munro Mk 4 cup-generator anemometer. Hourly prevailing wind directions and mean speeds are values for the 60 minutes ending on each hour. Prevailing wind directions, whether daily or monthly are obtained from the frequency distribution of wind direction by applying a 5-term binomial weighting factor (1-4-6-4-1). The results are not necessarily the modal directions.

At King's Park, winds were recorded by a R.W. Munro Mk 4 cup-generator anemometer. Hourly wind observations for King's Park referred to the 10-minute period ending on the hour as required in synoptic reports.

At the Airport, winds were recorded by a R.W. Munro Mk 4 cup-generator anemometer. Hourly wind observations for the Airport referred to the 10-minute period ending on the hour.

Since Waglan Island is better exposed geographically and not directly affected by urbanization, the wind recorded there is more representative of the general wind flow over Hong Kong. Since April 1993, a Teledyne anemometer about 82 metres above mean sea-level has been used as the station anemometer. Wind data were processed in the same way as for the Royal Observatory.

At automatic weather stations, winds were recorded by sets of Teledyne Geotech WS-201 and R.W. Munro Mk 4 cup-generator anemometer and vane. Wind data were processed in the same way as for the Royal Observatory.

Wind movement was taken daily at 08 hours from a cup-counter anemometer mounted near to the evaporation pans at King's Park, with cups 0.15 metres above the rim of the pan.

#### *Amount of Cloud*

Visual observations of cloud type and amount, and estimates of the height of cloud base were made hourly at the Royal Observatory and half-hourly at the Airport.

#### *Duration of Sunshine*

Duration of bright sunshine was recorded by a Campbell-Stokes recorder on the roof of the Radiation Laboratory at King's Park. The recorder is 4.9 metres above ground and 69.7 metres above mean sea-level. Hourly record of sunshine duration refers to the duration in the 60-minute interval centred on the hour in apparent solar time.



### *Global Solar Radiation*

Global solar radiation was recorded by a thermo-electric pyranometer (sealed thermo-pile dome solarimeter), manufactured by Kipp & Zonen of Holland, together with an integrating counter. The pyranometer was installed on the roof of the Radiation Laboratory at King's Park close to the sunshine recorder. Installed on the same roof was a bimetallic actinograph, British Meteorological Office Mk 3, which was used as a back-up instrument for global solar radiation measurement. The values of global solar radiation were estimated from the actinograph whenever they were not available from the pyranometer.

The pyranometer was last calibrated against the Eppley Angstrom pyrheliumeter No. 17864 on 5 December 1994. It was confirmed that the factor 0.004696 used since 1 November 1984 in the conversion of the pyranometer readings in mV to global solar radiation units in MJ/m<sup>2</sup> continued to be applicable. The latest comparison was made in December 1994 between readings from the actinograph and the pyranometer. The factor 0.738736 used since 1 November 1984 in the conversion of actinograph readings from units of chart area in cm<sup>2</sup> to global solar radiation units in MJ/m<sup>2</sup> was also found to be applicable.

### *Grass Minimum and Soil Temperatures*

Observations of grass minimum and soil temperatures were made at the Royal Observatory and King's Park. The grass minimum thermometers were read daily at 08 hours, representing the overnight grass minimum temperature since 19 hours on the previous day. Observations of the soil temperature were made twice daily at 07 hours and 19 hours at depths of 0.05, 0.1, 0.2, 0.5, 1.0, 1.5 and 3.0 metres.

### *Evaporation*

Evaporation measurements were made daily at King's Park at 08 hours using two U.S. Weather Bureau Class 'A' evaporation pans. Readings from pan No. 1 are used to compile the monthly values.

### *Potential Evapotranspiration*

Measurements of potential evapotranspiration were made for three turfed plots at King's Park each day at 08 hours. Sometimes, high values of potential evapotranspiration were recorded, followed by negative values on the following days. These anomalous values were caused by delayed run-off on occasions of heavy rainfall. They are therefore included in the computation of the monthly figures. More information on potential evapotranspiration can be found in 'Royal Observatory Technical Note No. 42'.

### *Sea Surface Temperature*

Sea surface temperatures were taken at the fire boat pier of North Point Fire Station twice daily at 07 hours and 14 hours by voluntary observers. The mean depth of water there is about 6.5 metres.

Automatic measurements of sea surface temperature were made at Waglan Island by the Rosemont T-200 Platinum Thermometer Probe. The sea bottom slopes steeply to over 18 metres on all sides of the island, and the temperature may be taken as representative of the adjacent open coastal waters.

### *Lightning and Thunderstorm*

Trained observers reported occasions of lightning and thunderstorm in their observations hourly at the Royal Observatory and half-hourly at the Airport.

### *Visibility*

Estimates of horizontal visibility were made hourly at the Royal Observatory and half-hourly at the Airport by trained observers.

### *Rainfall*

Hourly observations of rainfall were made at the Royal Observatory with an ordinary 203-mm rain-gauge. These observations were checked against the records of a Dines tilting-siphon rain-gauge nearby.

Hourly rainfall observations for King's Park were measured by a 400-cm<sup>2</sup> automatic tipping bucket rain-gauge. During the compilation of rainfall statistics, they were checked against readings from an ordinary 203-mm rain-gauge and a tilting siphon rain-gauge nearby.

Hourly observations of rainfall were made at the Airport with a tipping-bucket rainfall receiver and recorder. Rainfall measurements were also taken twice daily at 08 hours and 15 hours with an ordinary 125-mm rain-gauge nearby.

Rain-gauges operated by voluntary observers are either ordinary 203-mm rain-gauges which are manually measured or autographic gauges with chart records and can be either the tilting-siphon type or the tipping-bucket type. Readings from most ordinary rain-gauges were taken once a day at 15 hours.

With the advance of microcomputer technology, electrical signals from tipping-bucket gauges at outstations can be readily telemetered to the Observatory Headquarters, greatly facilitating the operation of the rainstorm

and flood warnings as well as increasing the volume of data for hydrometeorological analysis. A network of such rain-gauges under the Rainfall Data Acquisition System has been developed and maintained by the Royal Observatory. The Geotechnical Engineering Office also operates a network of remote rain-gauges which can be accessed by the Royal Observatory. Rainfall readings at 5-minute intervals are now available from different locations in the territory. These rain-gauges, and those of automatic weather stations, record rainfall in units of 0.5 mm and thus rainfall less than 0.5 mm cannot be detected.

#### UPPER-AIR OBSERVATIONS

To probe the upper atmosphere, a new sounding system, the DigiCORA, has been used instead of the MicroCORA system by Vaisala since July 1993. During sounding, the radiosonde receives VLF (very low frequency) signals from the world-wide Omega navigational network and relays them to the ground station at King's Park so as to determine the location of the radiosonde. The upper-air winds are computed from the radiosonde's tracking using a cross correlation algorithm. The sensors for pressure, temperature and humidity in the RS80-15N radiosonde are the aneroid barometer, capacitive bead and humicap thin film capacitor respectively.

Upper-air soundings were made four times a day. The Vaisala Type RS80-15N radiosonde was used in the 00 UTC and 12 UTC ascents to obtain upper winds, pressure, temperature and humidity data while Vaisala Type WS80-15N windsonde was used to measure upper winds in the 06 UTC and 18 UTC ascents.

#### 4. DATA PRESENTATION

The paragraphs underneath give a brief account of the meteorological and climatological data in this publication. The Royal Observatory, King's Park and Hong Kong International Airport are abbreviated as RO, KP and HKIA respectively in some tables.

Annual wind roses for King's Park, Hong Kong International Airport, the Royal Observatory and Waglan Island in 1994 are shown in Figure 4. As winds at Waglan Island are more representative of the general wind flow in Hong Kong, the monthly wind roses for Waglan Island are also presented in Figures 5 and 6.

Annual wind roses for automatic stations in Hong Kong are also shown in Figures 7 to 10. It should be noted that these data may include periods of incomplete data through loss in transmission from station sites to the Royal Observatory.

Monthly and annual rainfall recorded at rainfall stations manned by voluntary observers are computed from daily readings taken manually at approximately 15 hours. Monthly sums are reckoned as beginning from 15 hours on the last day of the previous month and ending at 15 hours on the last day of the month specified. Monthly and annual figures based on these data are plotted in Figures 11 to 14 with isohyets drawn to show the spatial distribution of rainfall over Hong Kong.

Figure 15 presents the monthly mean upper-air wind of Hong Kong at standard pressure levels at 00 UTC in 1994 while Figure 16 shows the monthly normals (1961-1990).

For those who are interested in the variation of temperature and humidity with height, the monthly mean temperature and relative humidity at different heights at 00 UTC together with their normals (1961-1990) are presented in Figures 17 to 20.

Daily values of air temperature, relative humidity and rainfall recorded at the Royal Observatory in 1994 are listed in Tables 1 to 5.

Daily values of duration of sunshine and global solar radiation recorded at King's Park in 1994 are listed in Tables 6 and 7.

Monthly and annual values of meteorological elements at various locations in Hong Kong in 1994 are printed in Tables 8 to 20. Since data for automatic weather stations are subject to loss during transmission, the percentage of data available for compilation, when less than 99.5, is given in brackets against the corresponding value to reflect the degree of integrity of the computed statistics.

Monthly values of evaporation, potential evapotranspiration, grass minimum temperature and soil temperature in 1994 are shown in Table 21.

Monthly values of sea surface temperature in 1994 are tabulated in Table 22. Values for Waglan Island are computed from hourly readings while those for North Point are from readings at 07 hours and 14 hours only.

Some analyses were performed on the climatological data in 1994. In Table 23, number of days with specified rainfall amounts in 1994 together with number of days with lightning and number of days with thunder observed at the Royal Observatory are shown. Table 24 presents the monthly percentage frequency of visibility below specified values in 1994.

Monthly and annual rainfall figures at rainfall stations in 1994 are printed in Tables 25 and 26. Values from rain-gauges under the Rainfall Data Acquisition System are computed from hourly readings. Rainfall statistics derived should be treated with care as such data are subject to loss through transmission.

Monthly normals (1961-1990) and extreme values (1884-1939 and 1947-1994) of meteorological elements for Hong Kong are displayed in Table 27 and monthly means of selected meteorological parameters for Hong Kong are displayed in Table 28.

The monthly mean values in 1994 and normals (1961–1990) of upper wind, air temperature, dew point and geopotential height recorded at standard levels are tabulated in Table 29 and Table 30 respectively. These figures are based on the data collected from the ascents released at King's Park at 00 UTC each day.

Only monthly summaries of meteorological data and daily values of some selected elements are printed in this publication. Hourly surface meteorological data, upper-air radiosonde data at 00 and 12 UTC and upper-air wind data at 06 and 18 UTC are available in ASCII format on floppy diskettes at cost upon request. Requests for such data and other analyses should be addressed to the Director of the Royal Observatory at the following address:

134A Nathan Road  
Kowloon  
Hong Kong  
(Attn: Data Provision)

#### **ACKNOWLEDGEMENT**

We gratefully acknowledge the help and contribution of the many voluntary rainfall observers, and in particular would like to thank those observers who sent in complete records during the year.

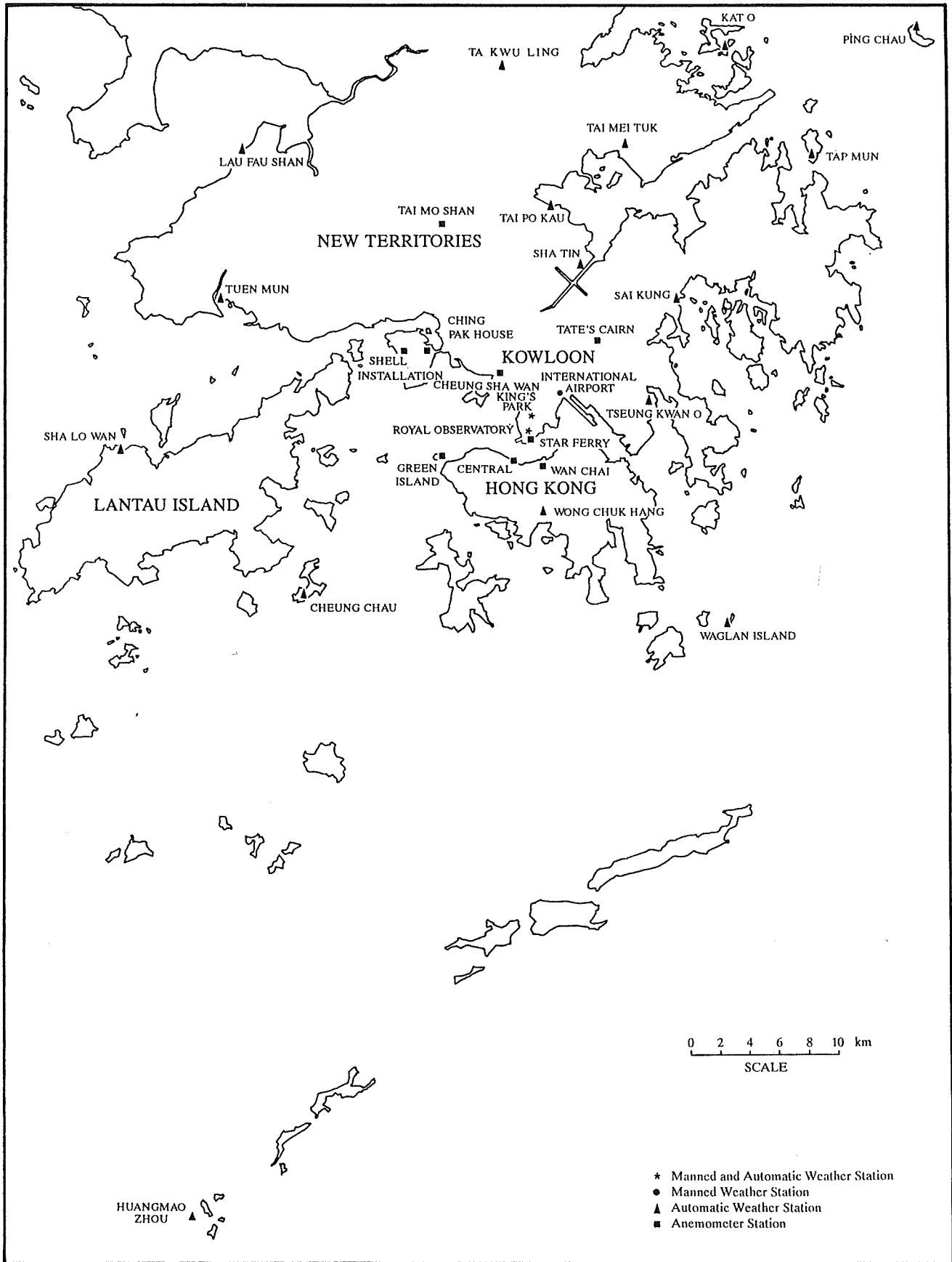


Figure 1. Locations of manned weather stations and automatic weather stations as at 31 December 1994

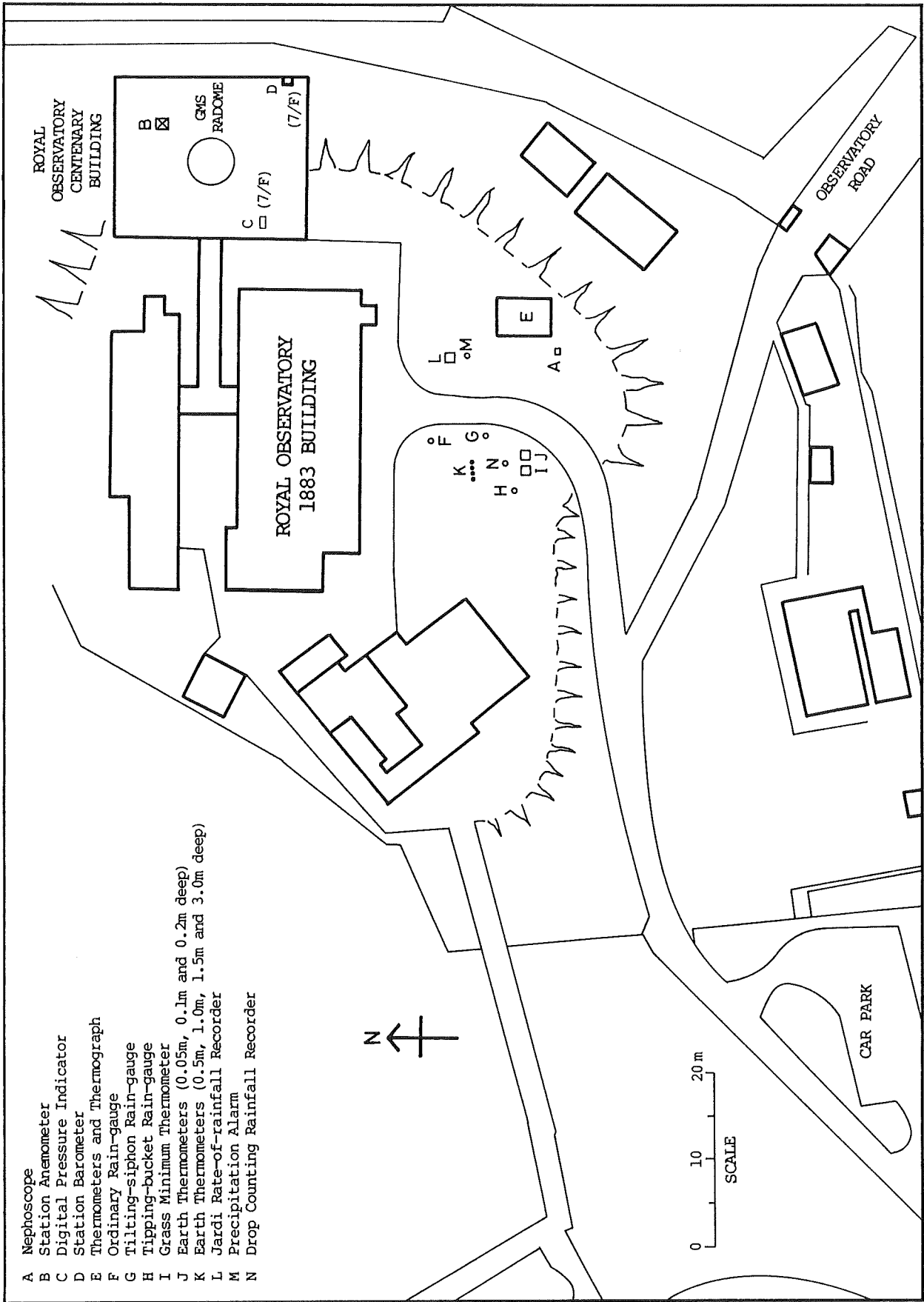


Figure 2. Locations of meteorological instruments at the Royal Observatory Headquarters

Equipment

1. Mark IV anemometer
2. Potential Evapotranspiration Tanks
3. Autographic Rain-gauge
4. Rate-of-rainfall Recorder
5. Sunshine Recorders and Pyranometers
6. Ordinary Rain-gauge
7. Cup-counter Anemometer
8. Evaporation Pans
9. Precipitation Detector
10. 0.1 mm Tipping-bucket Rain-gauge
11. Thermometer Screen
12. Soil Thermometers

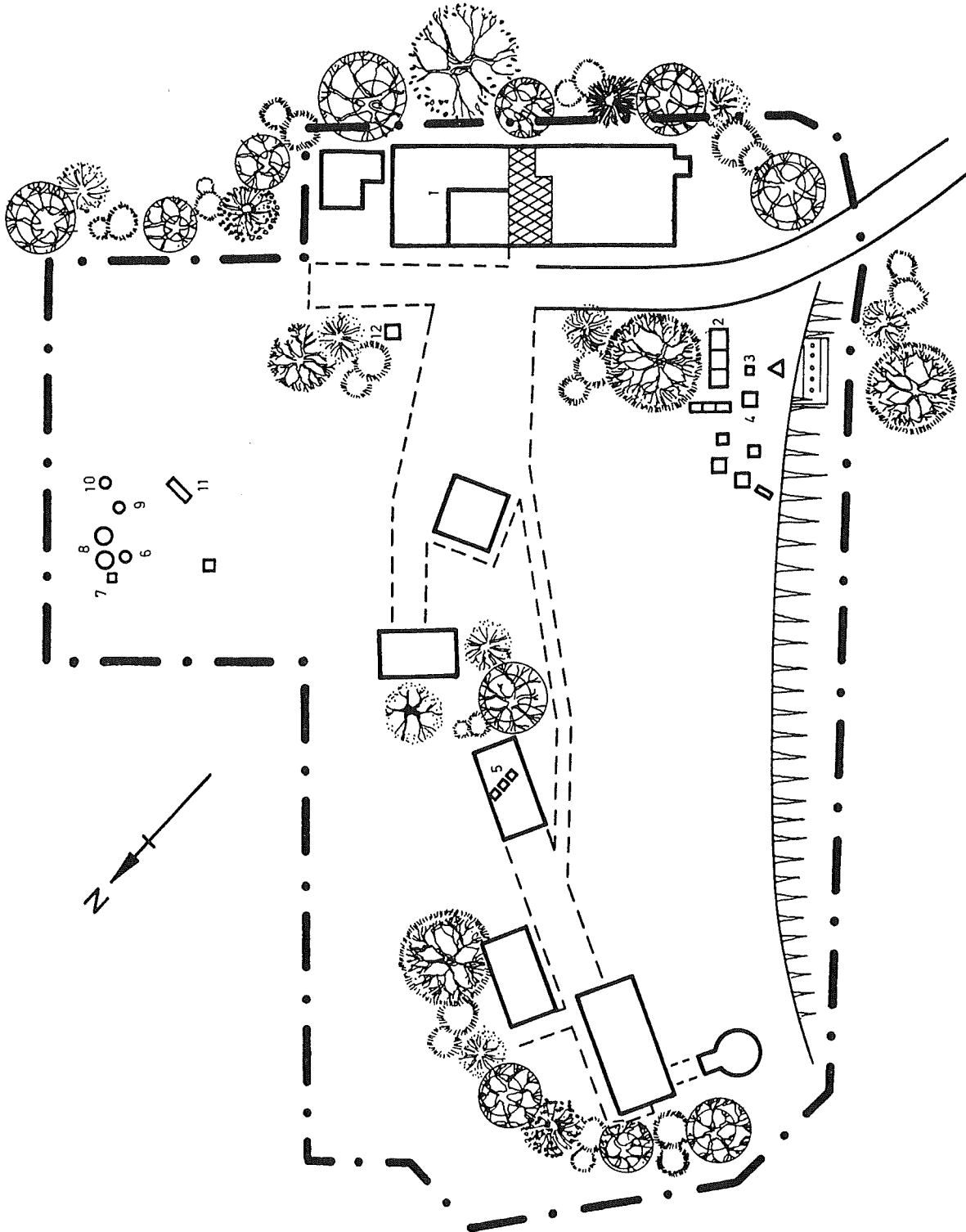


Figure 3. Locations of meteorological instruments at King's Park Meteorological Station

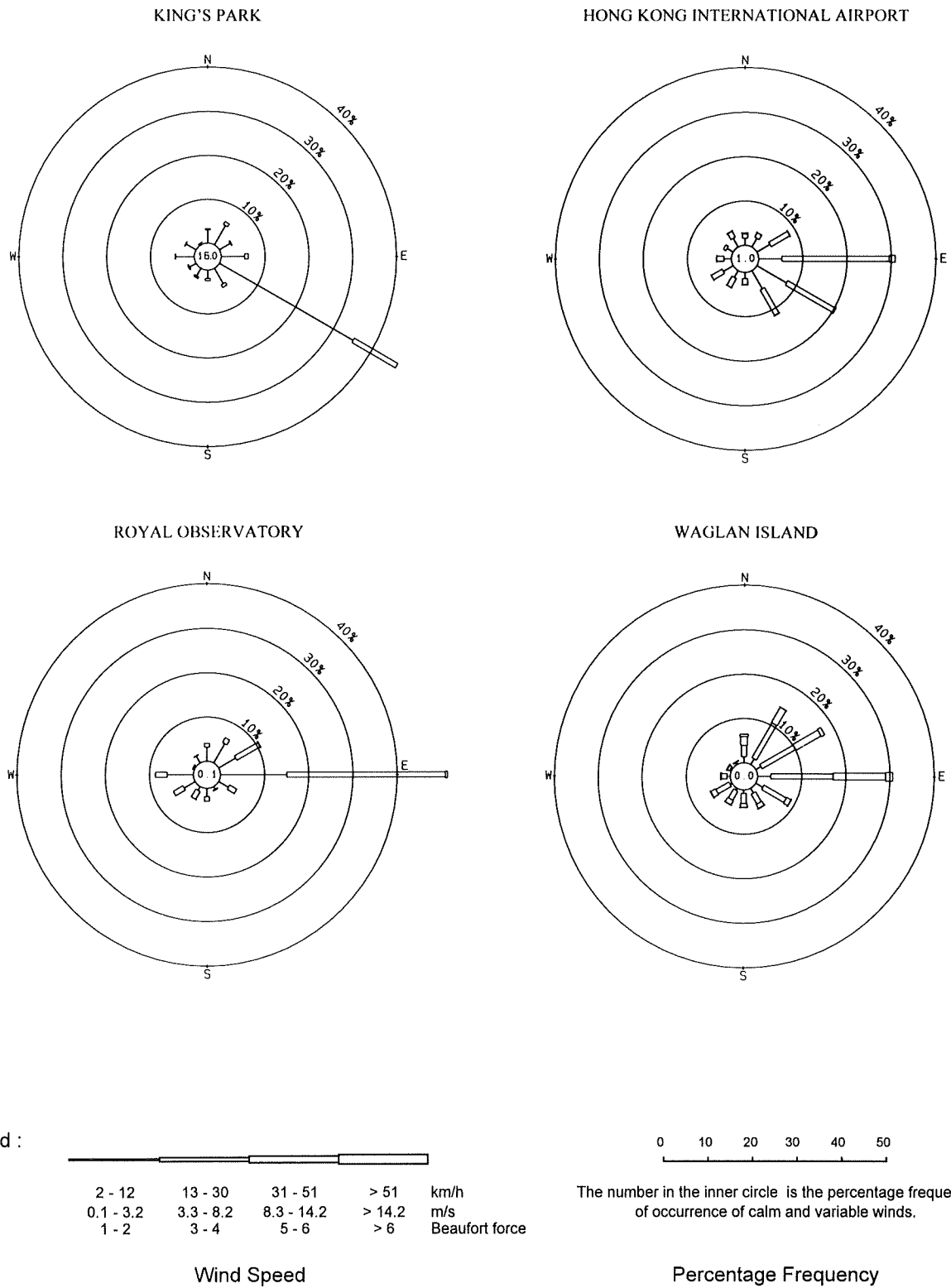


Figure 4. Annual wind roses for King's Park, Hong Kong International Airport, the Royal Observatory and Waglan Island in 1994

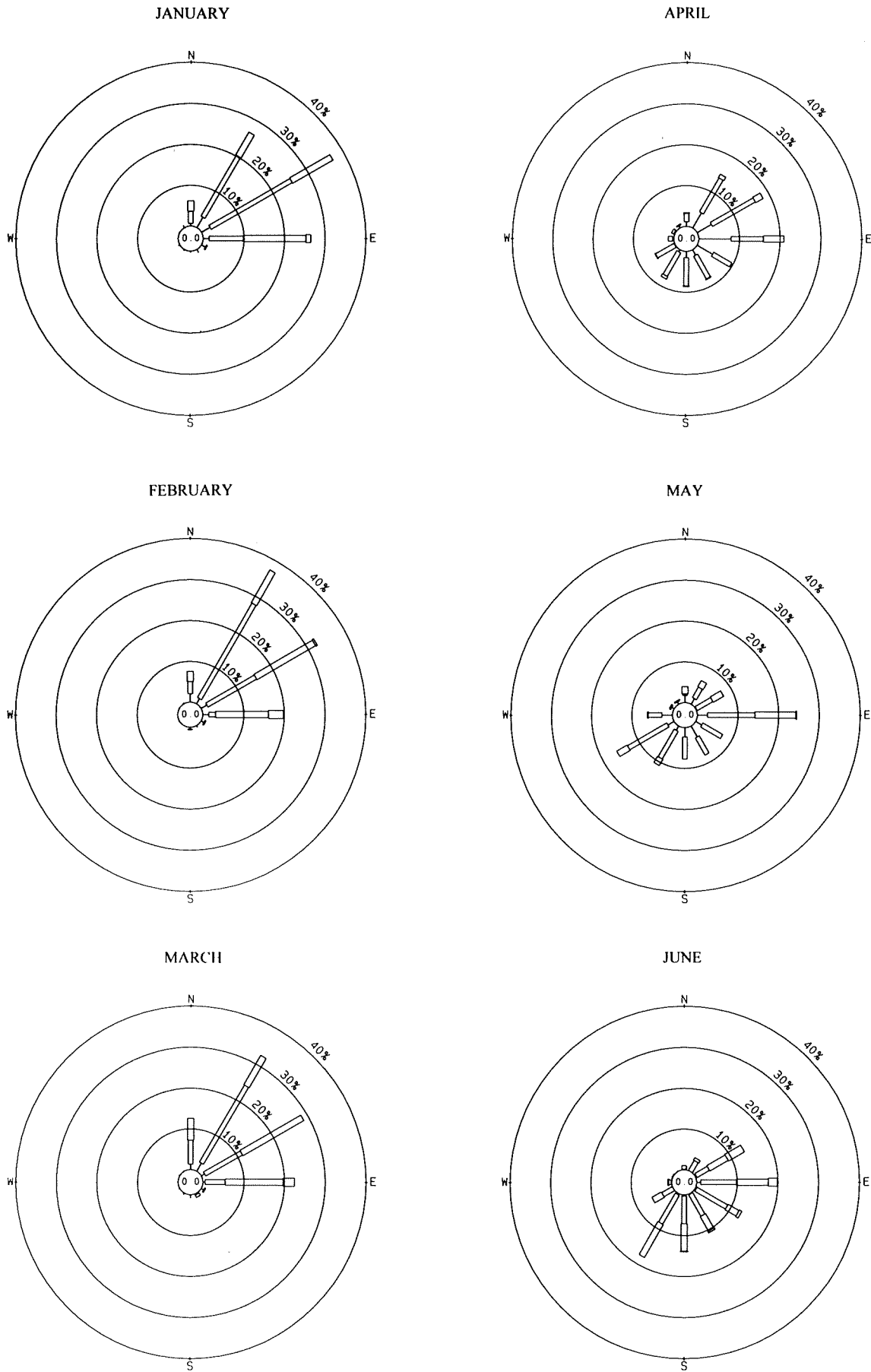


Figure 5. Monthly wind roses for Waglan Island from January to June in 1994



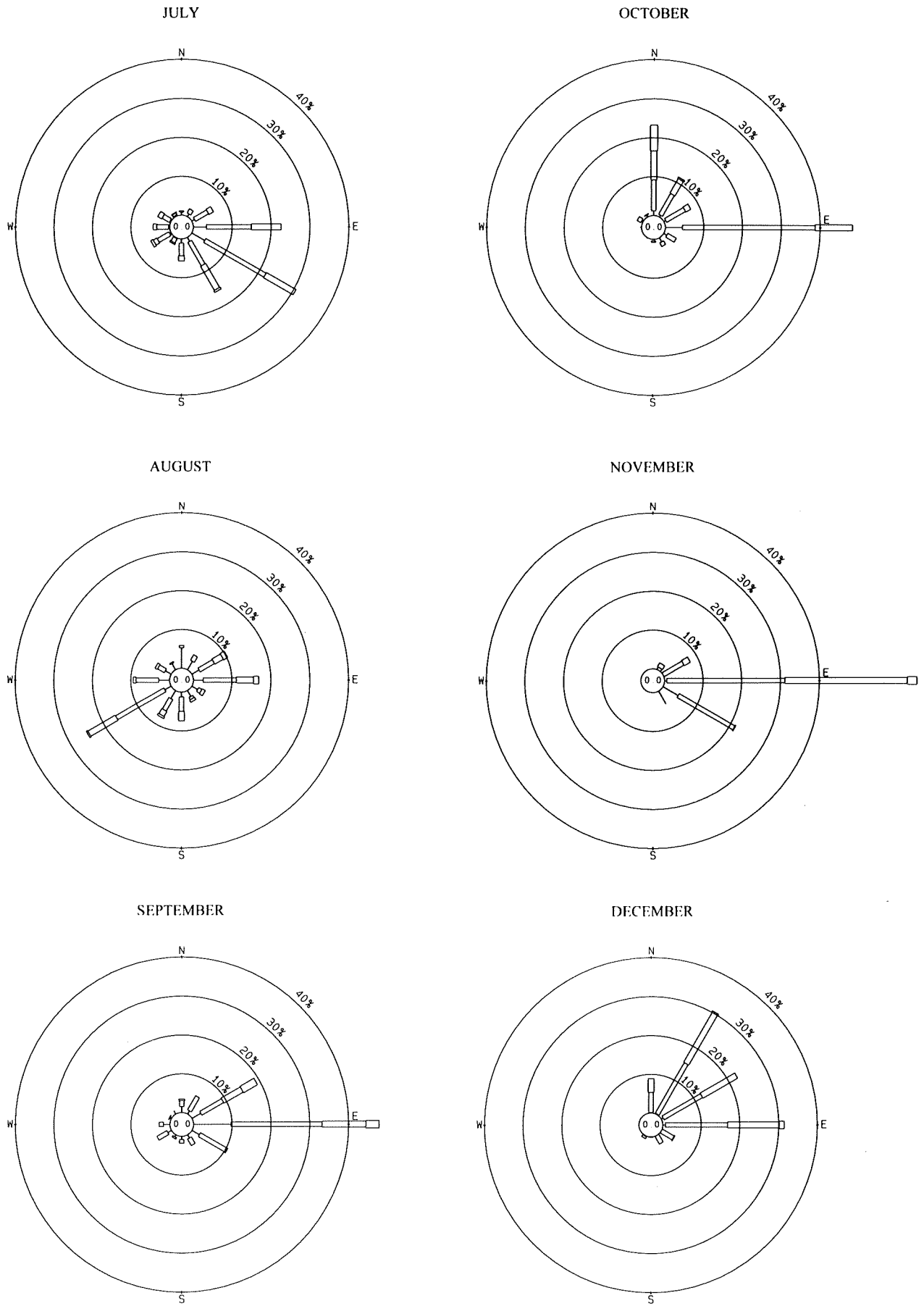


Figure 6. Monthly wind roses for Waglan Island from July to December in 1994

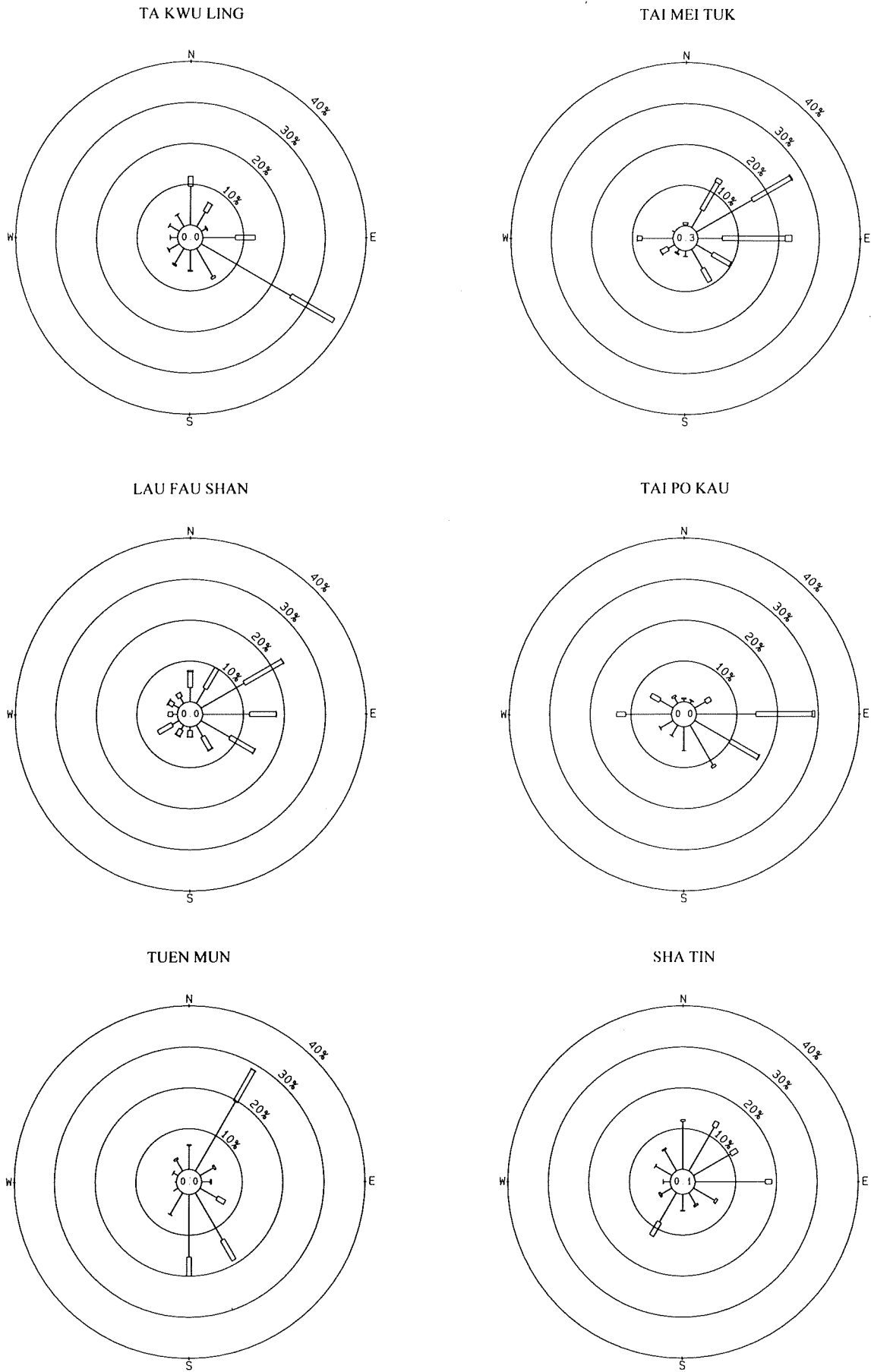


Figure 7. Annual wind roses for automatic weather stations in 1994

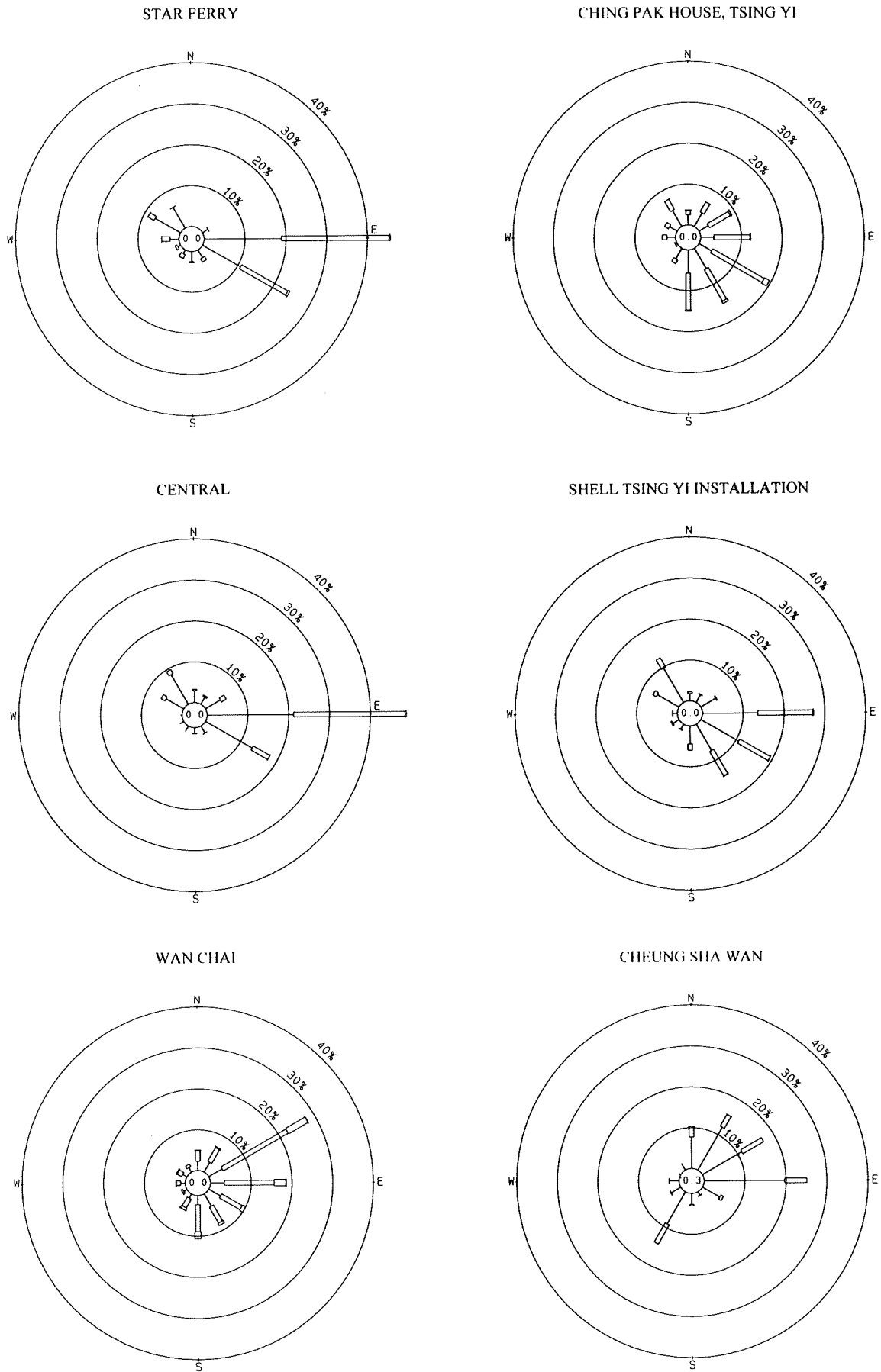


Figure 8. Annual wind roses for automatic weather stations in 1994

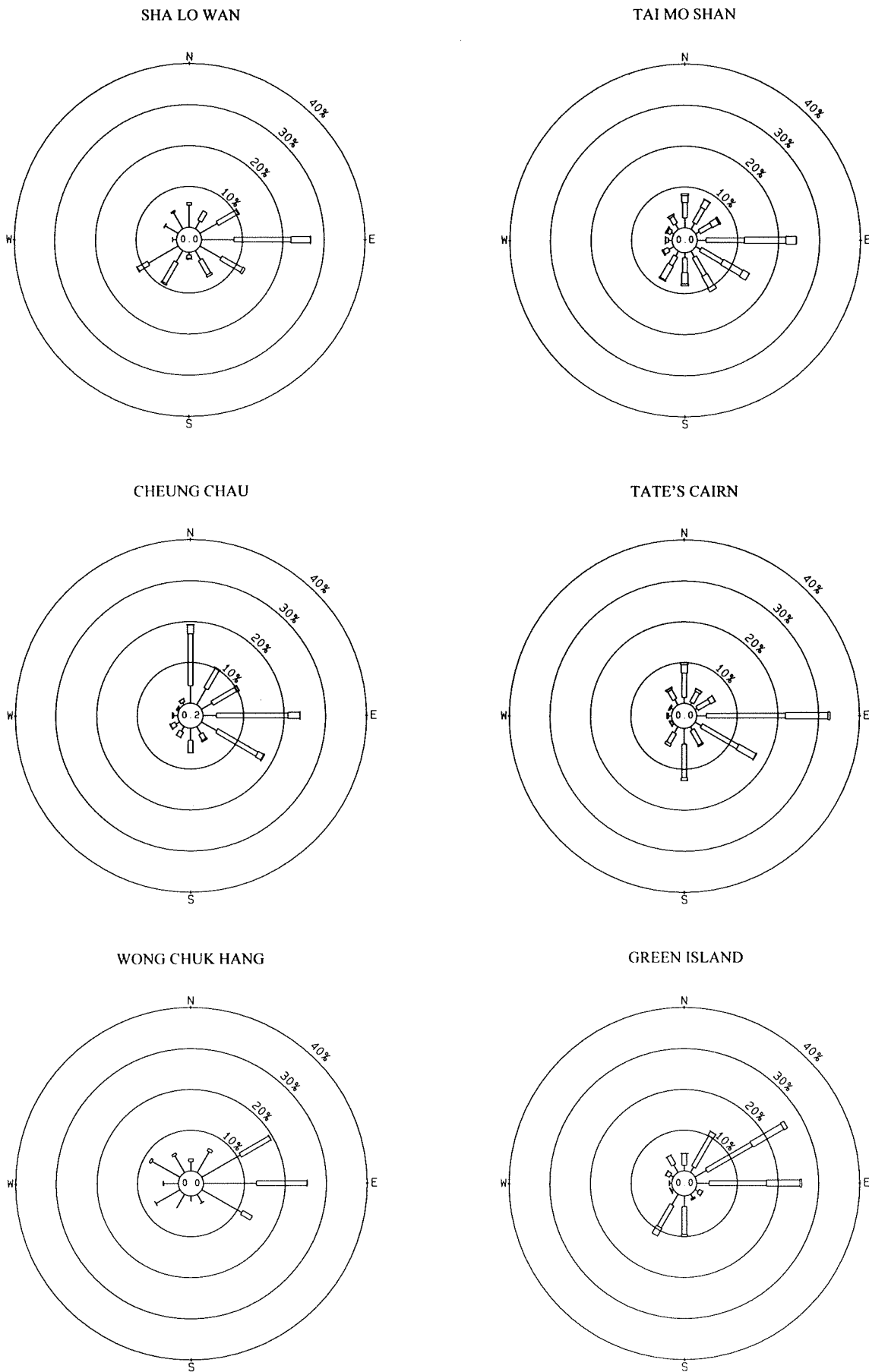


Figure 9. Annual wind roses for automatic weather stations in 1994

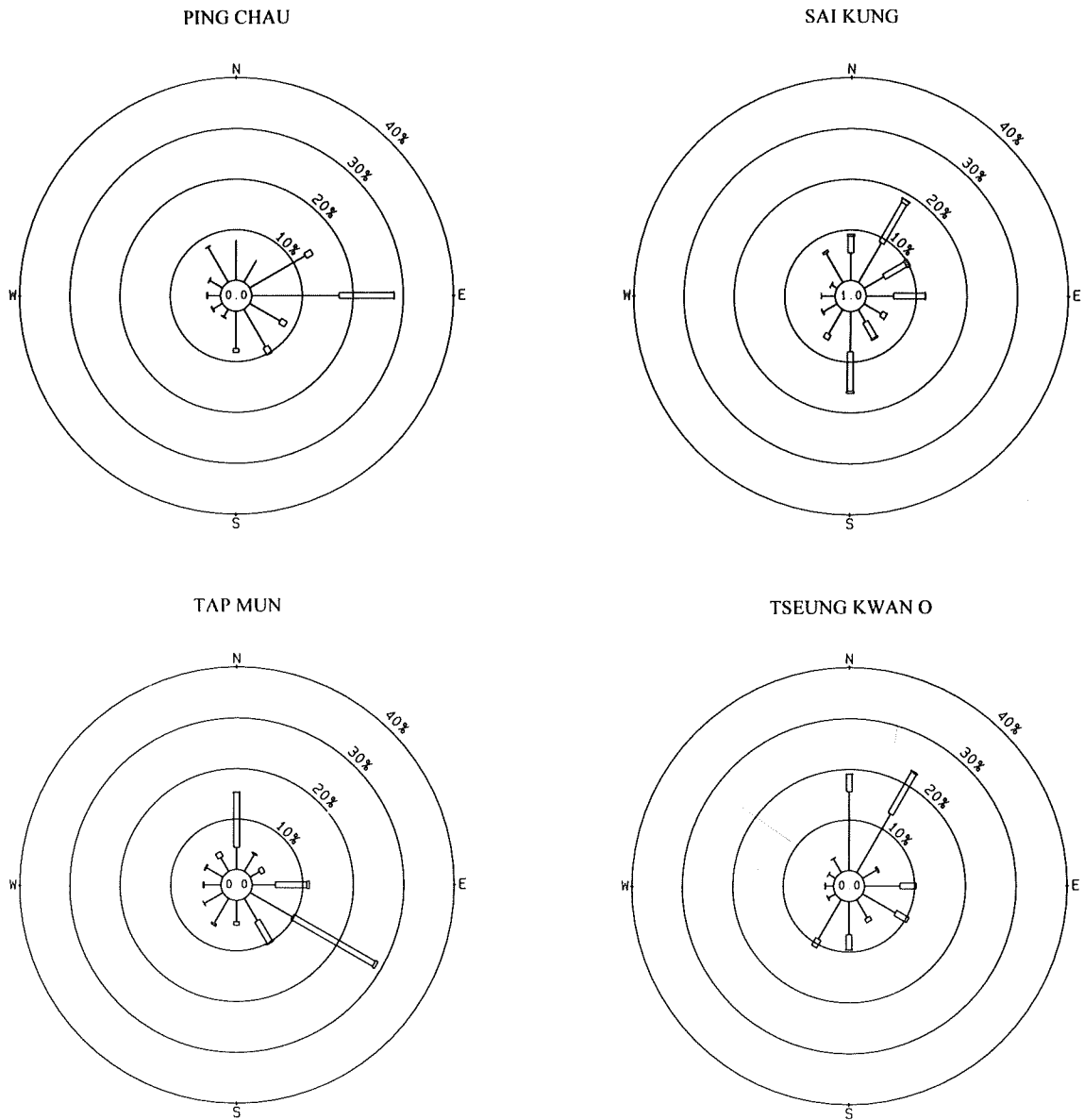


Figure 10. Annual wind roses for automatic weather stations in 1994

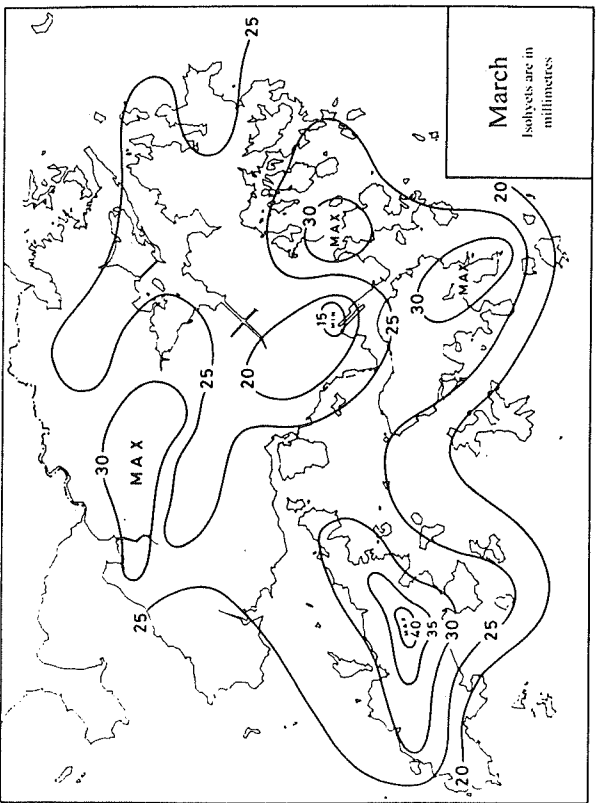
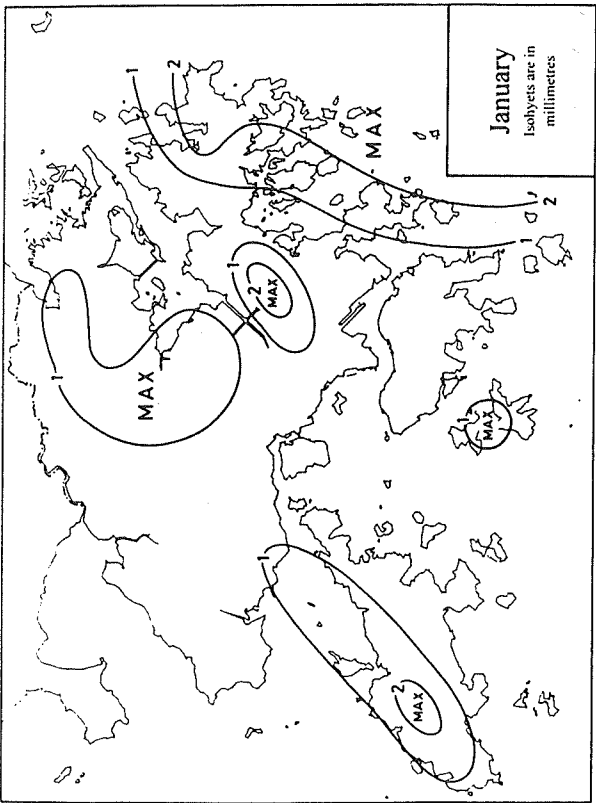
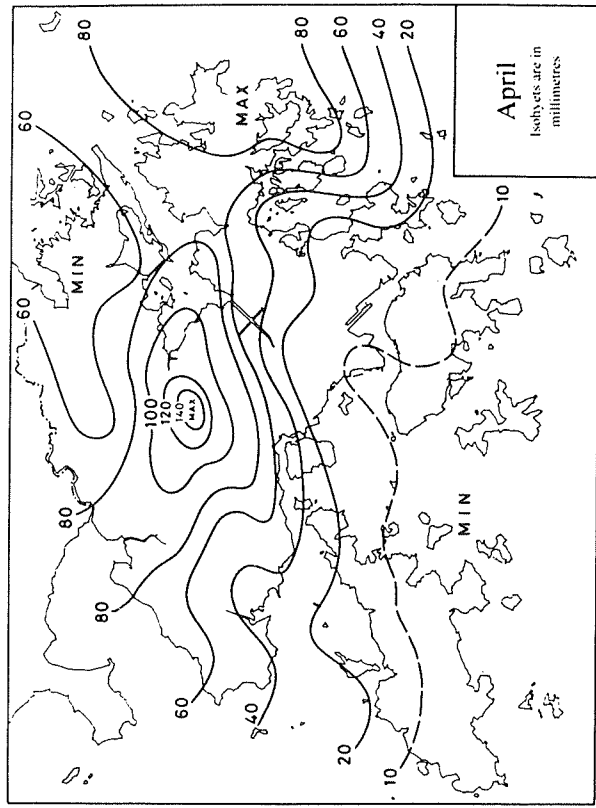
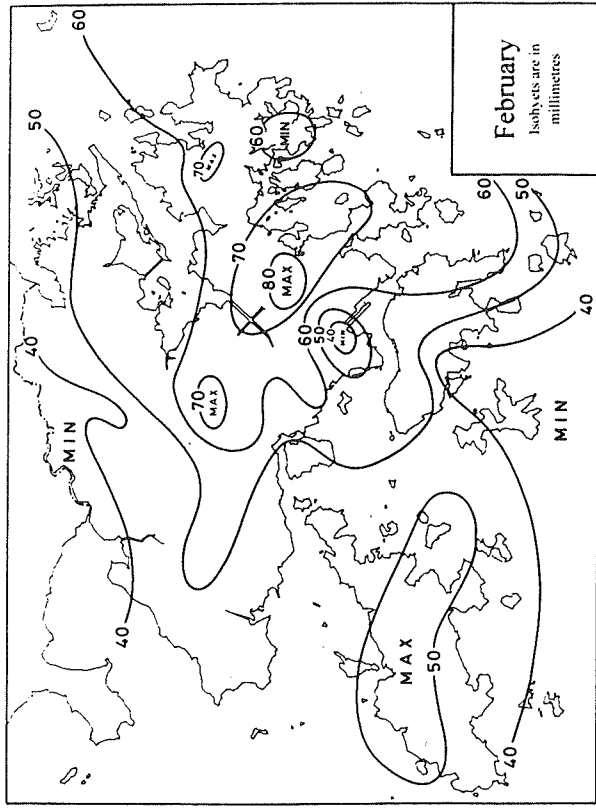


Figure 11. Monthly rainfall maps from January to April in 1994

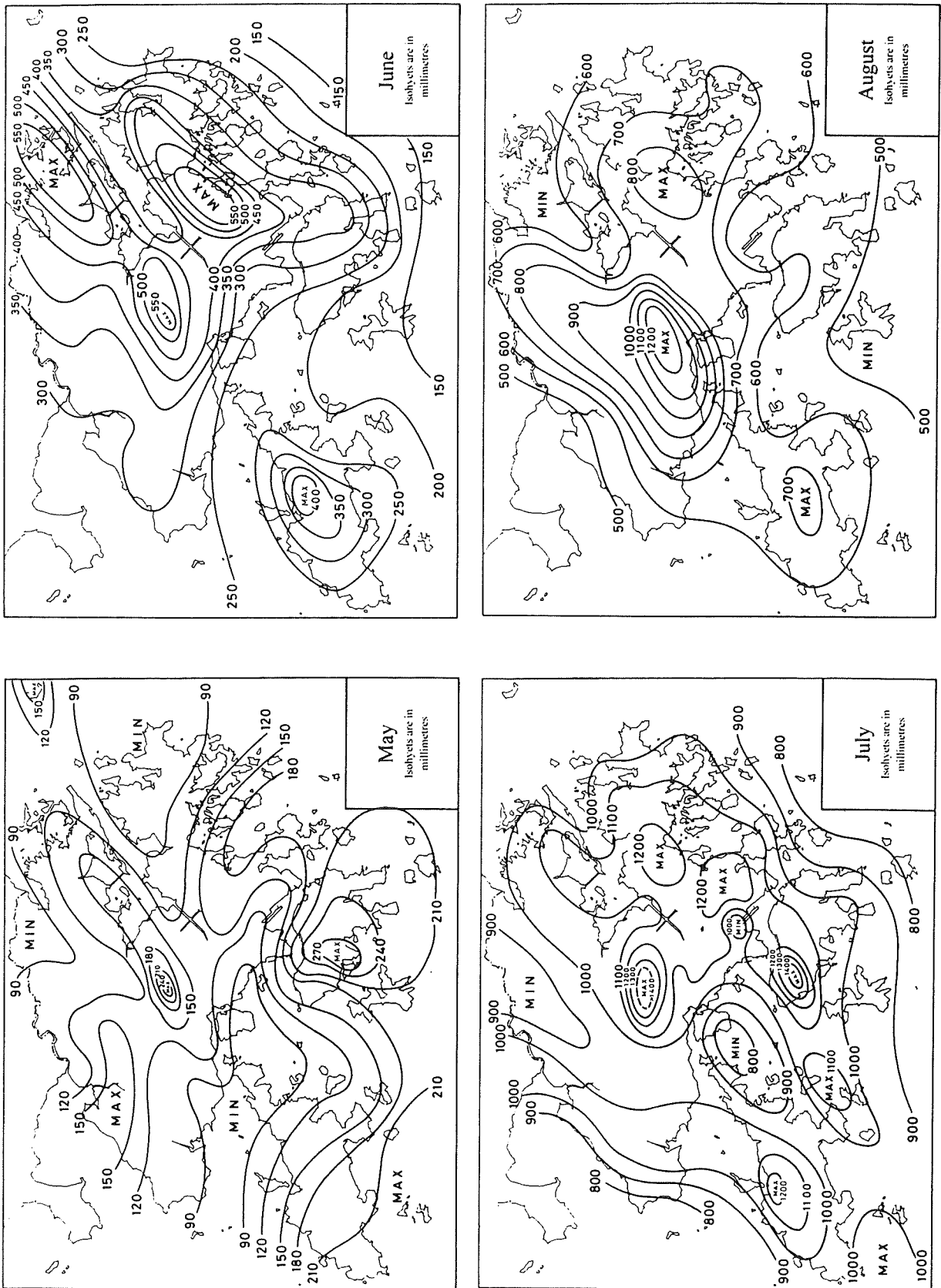


Figure 12. Monthly rainfall maps from May to August in 1994

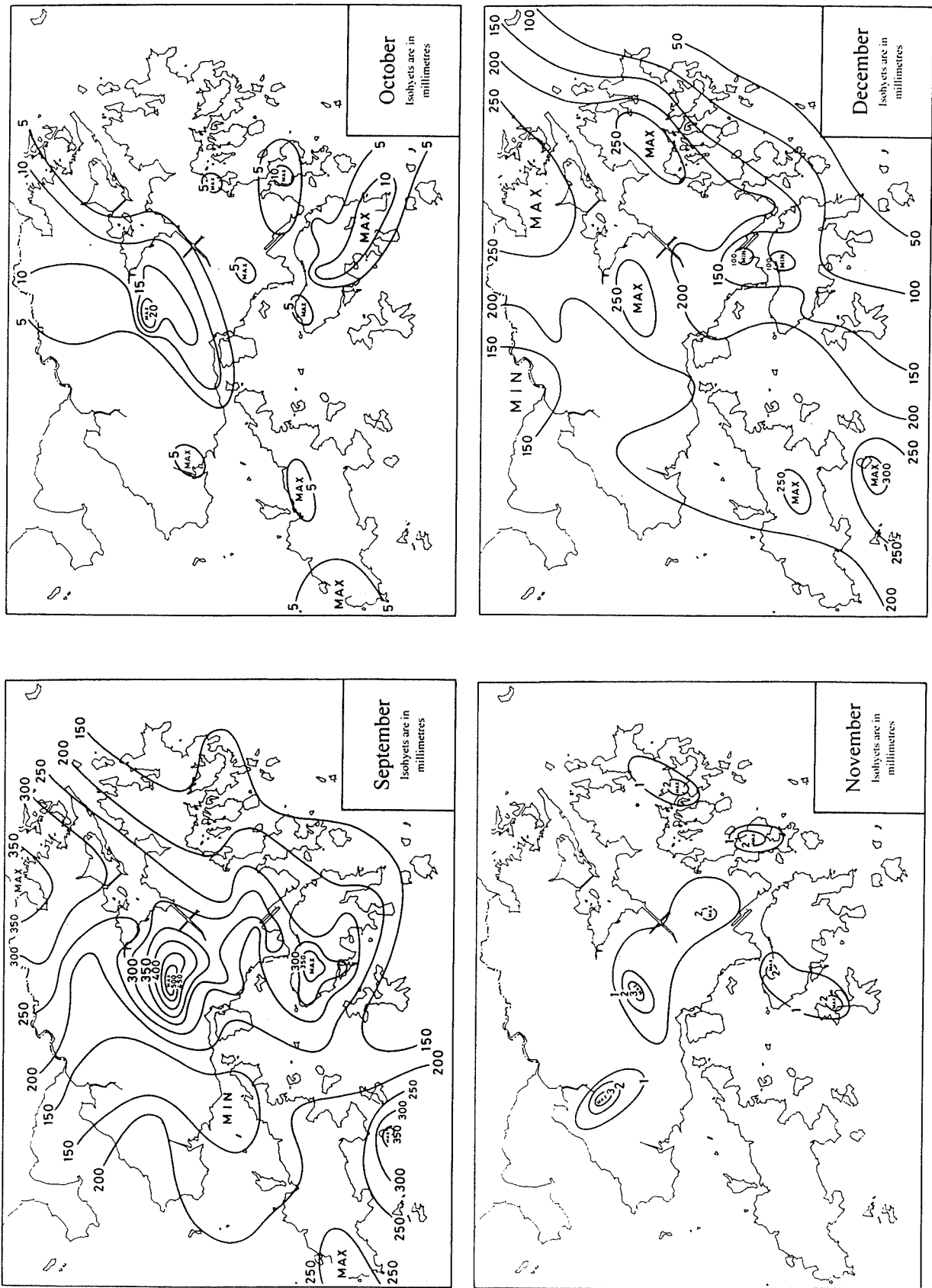


Figure 13. Monthly rainfall maps from September to December in 1994



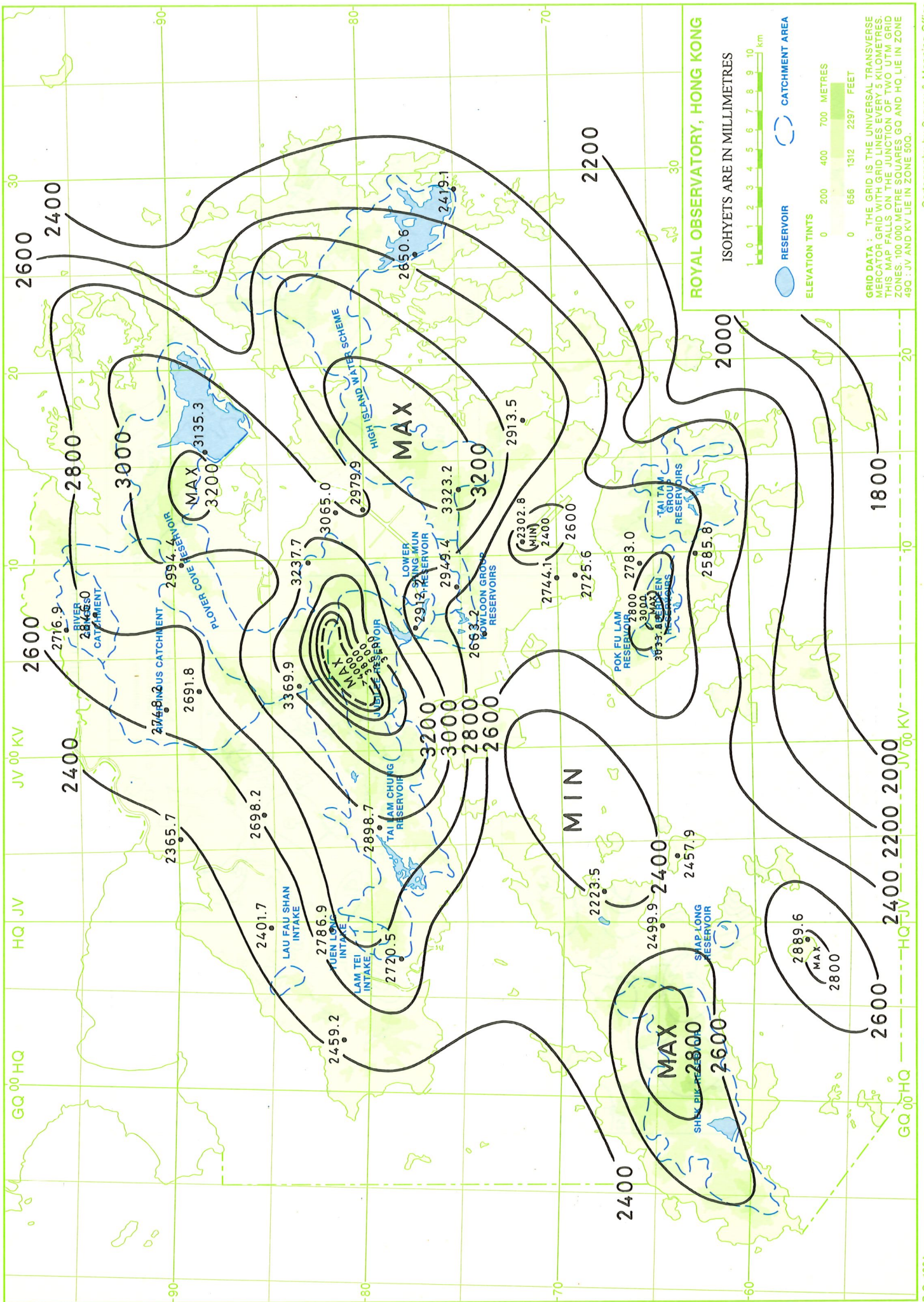


Figure 14. Annual rainfall map for 1994

Cartography by Survey & Mapping Office  
Buildings & Lands Department  
For Royal Observatory, Hong Kong.

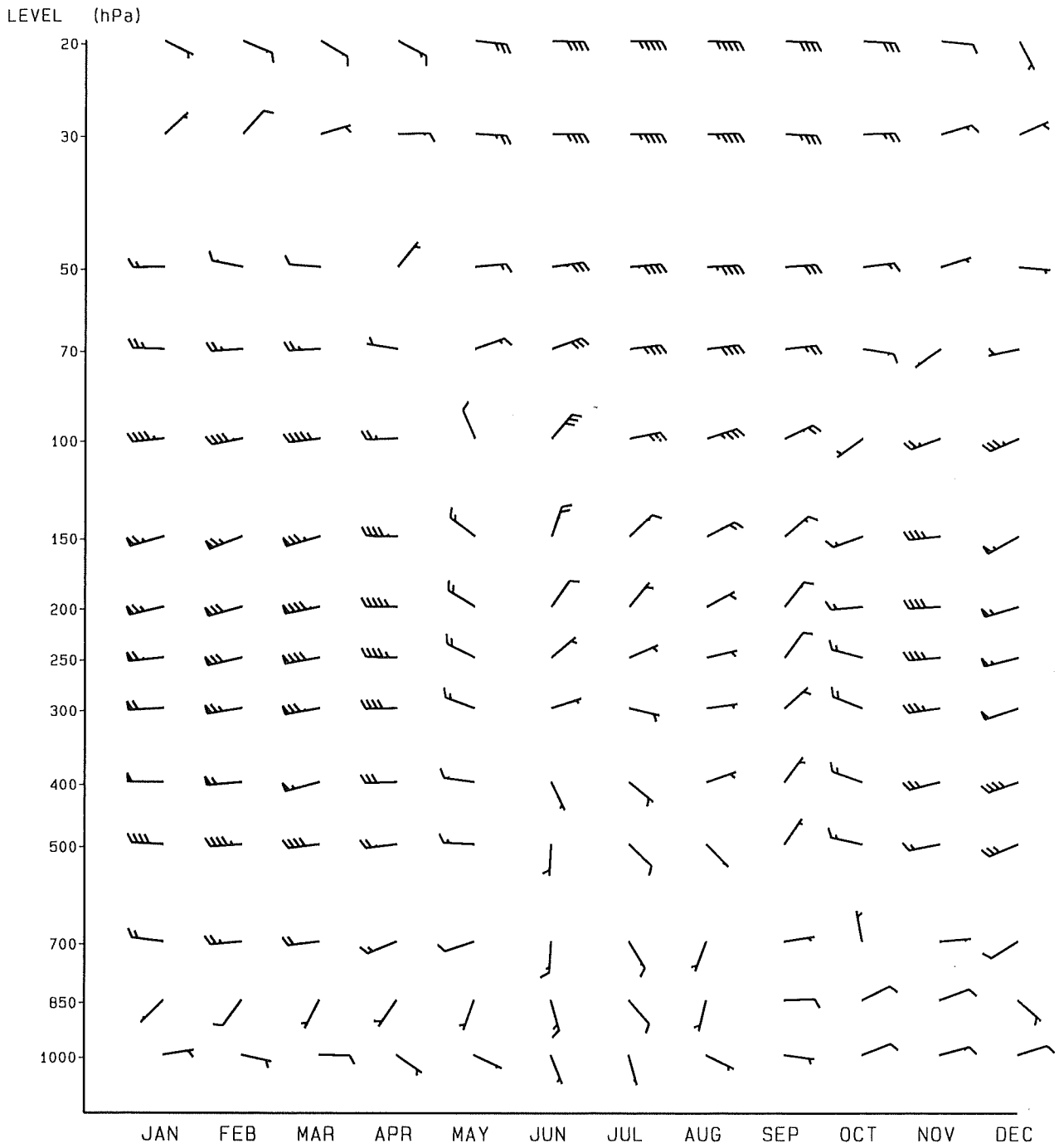


Figure 15. Monthly mean vector wind at standard levels at 00 UTC in 1994

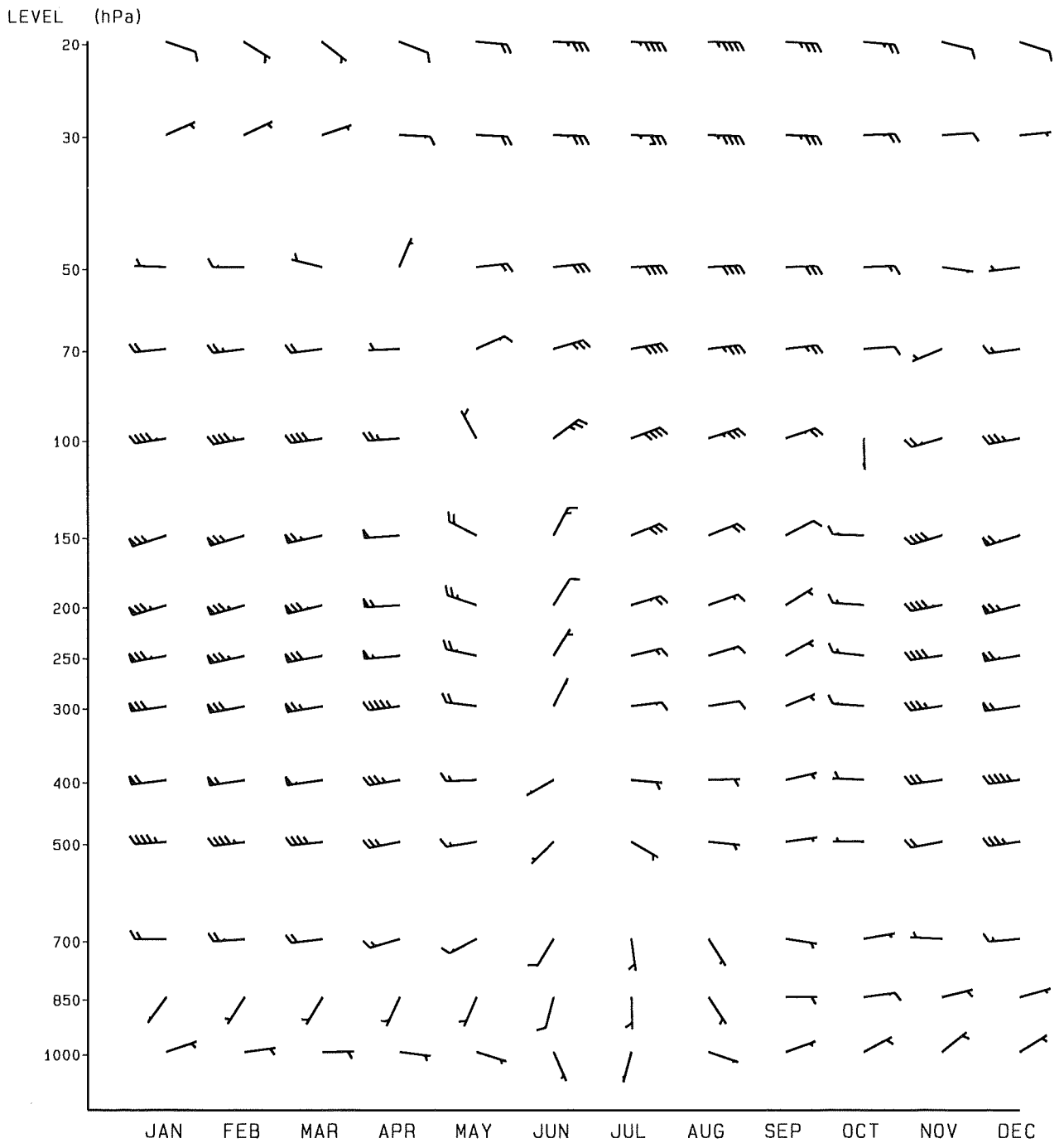


Figure 16. Monthly normals of vector wind at standard levels at 00 UTC (1961-1990)

Geopotential height (gpm)

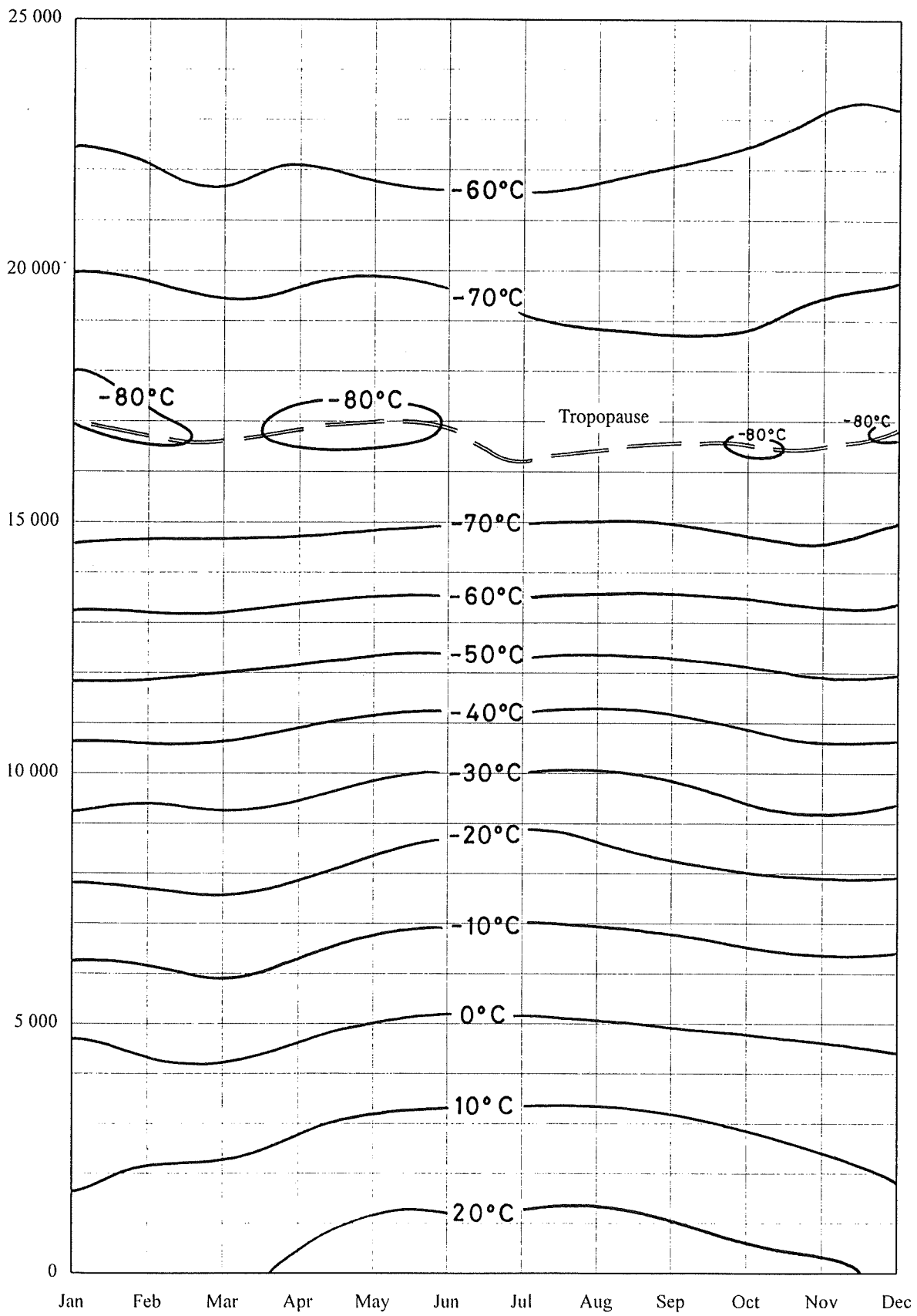


Figure 17. Monthly mean temperature (°C) at different geopotential heights at 00 UTC in 1994

Geopotential height (gpm)

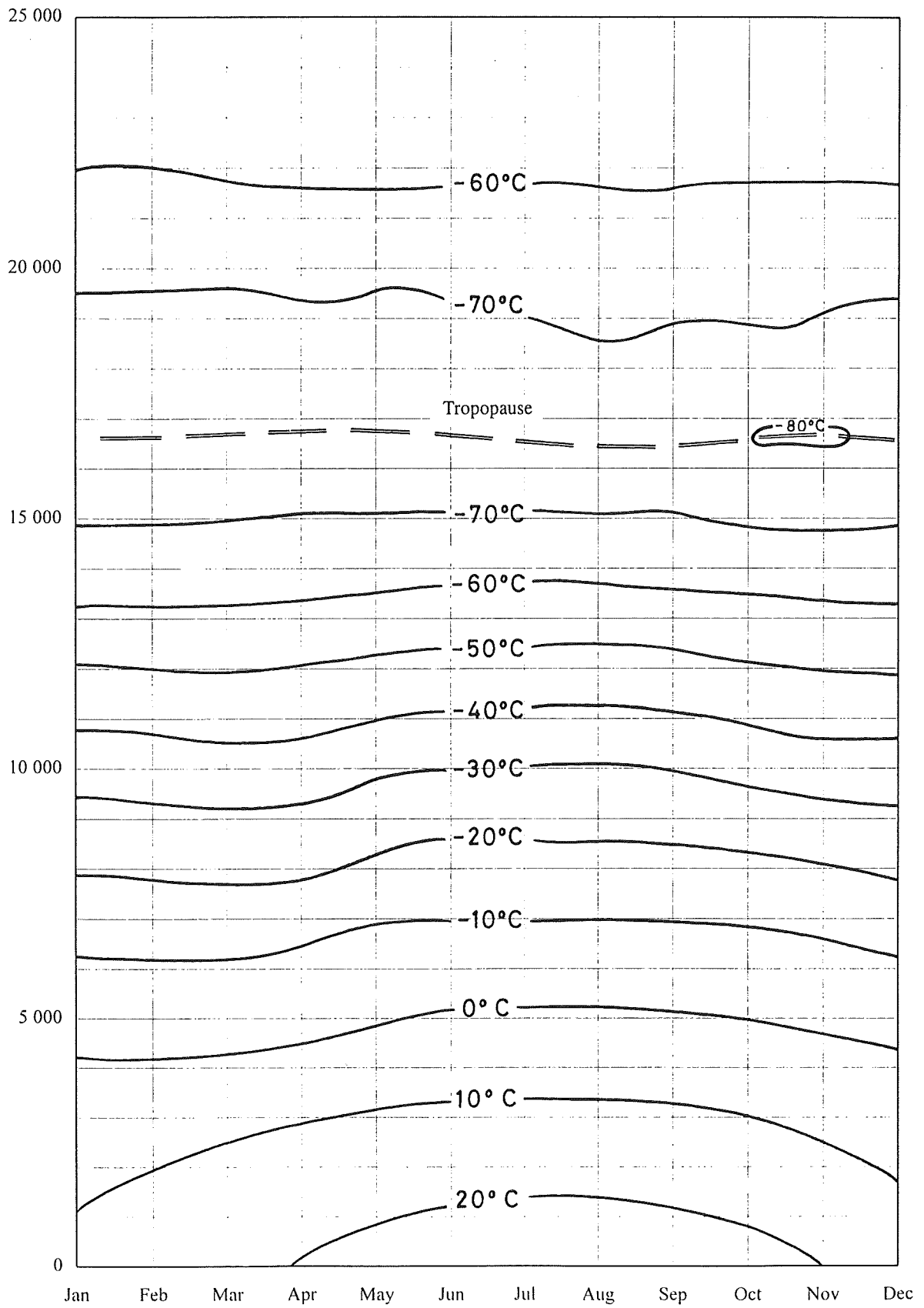


Figure 18. Monthly normals of temperature (°C) at different geopotential heights at 00 UTC (1961–1990)

Geopotential  
height (gpm)

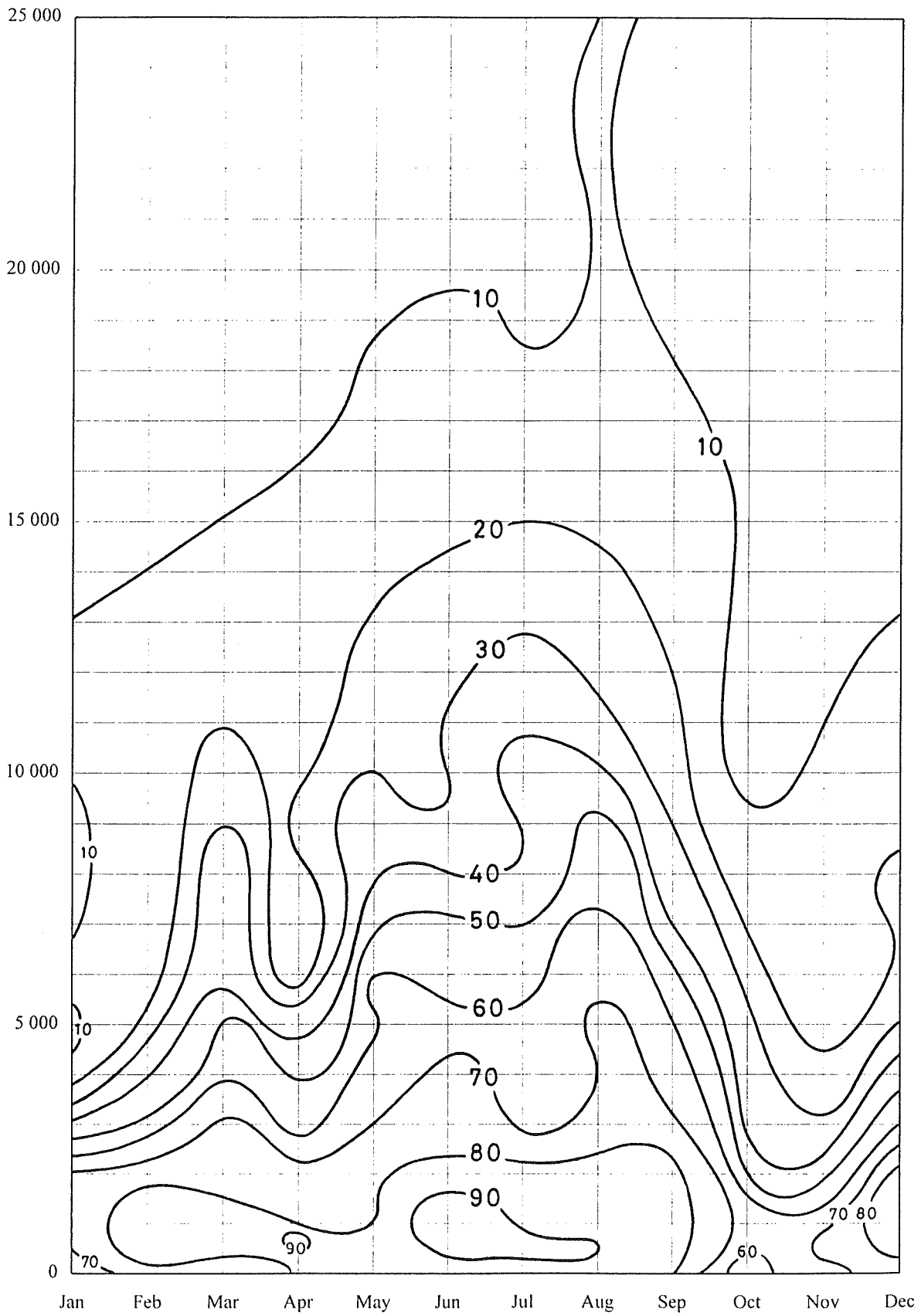


Figure 19. Monthly mean relative humidity (%) at different geopotential heights at 00 UTC in 1994

Geopotential  
height (gpm)

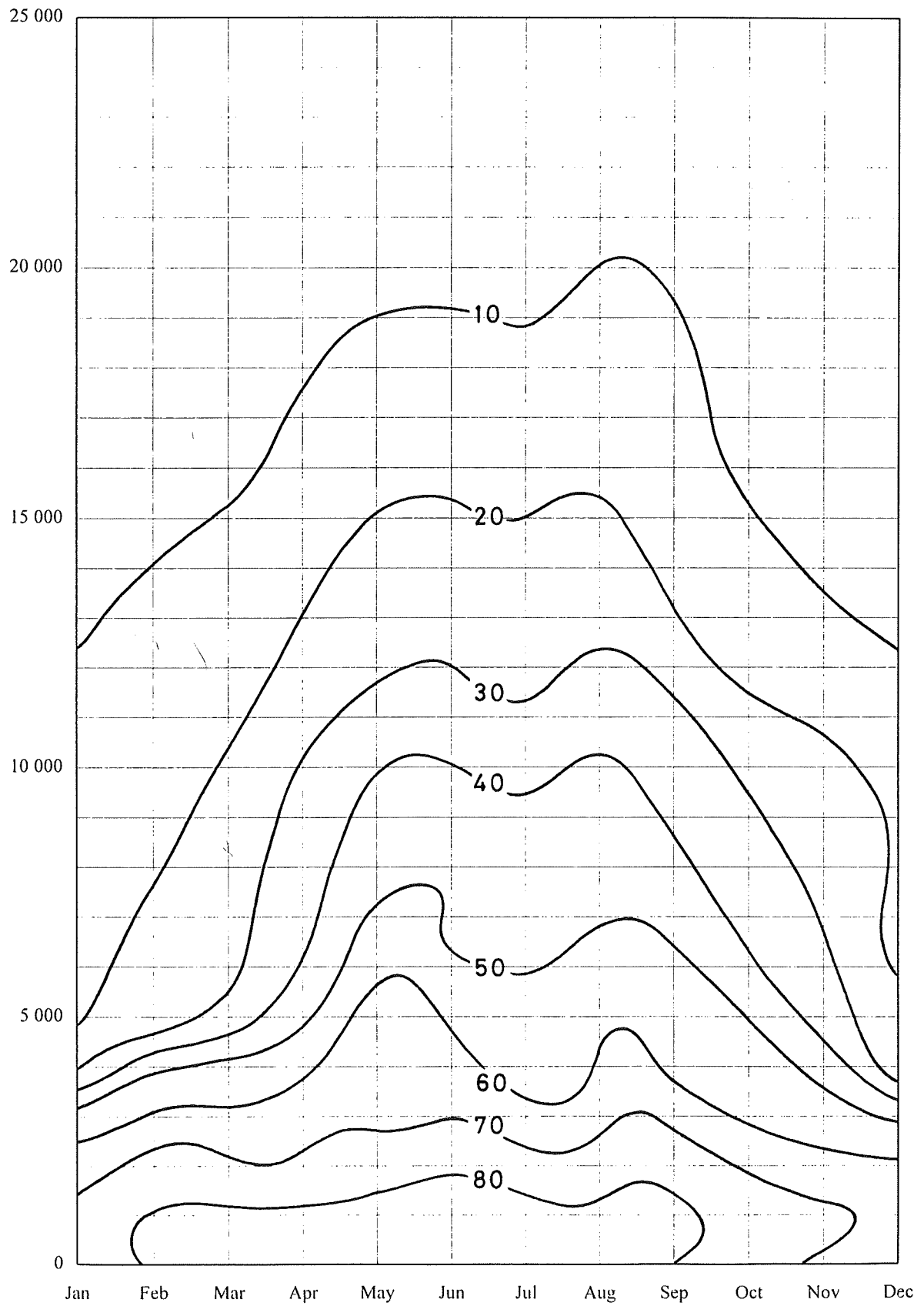


Figure 20. Monthly normals of relative humidity (%) at different geopotential heights at 00 UTC (1961–1990)

Table 1. Daily Mean Temperature ( $^{\circ}\text{C}$ ) at the Royal Observatory in 1994

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
01	16.6	21.0	13.2	21.5	28.0	26.9	30.2	29.4	28.8	26.3	21.9	23.4
02	17.4	17.6	13.4	22.4	28.6	27.0	30.9	29.4	28.9	26.1	22.2	23.3
03	20.1	16.3	14.7	22.6	26.2	26.3	29.1	29.1	28.3	26.2	22.7	21.4
04	19.2	17.9	16.4	23.6	23.7	26.0	26.9	27.9	28.3	26.3	22.8	19.5
05	19.4	20.1	18.2	24.1	24.0	28.1	27.1	27.6	27.3	26.3	22.6	19.7
06	20.2	20.6	19.0	24.4	24.3	28.4	28.6	27.8	27.8	25.9	22.9	20.8
07	18.8	18.6	21.6	24.8	24.7	26.9	27.6	26.6	28.4	26.5	23.3	21.9
08	18.9	19.6	23.2	24.8	26.2	26.6	27.4	26.9	28.2	26.6	22.2	21.7
09	19.2	19.3	18.5	22.6	26.2	28.1	29.5	26.6	28.8	27.6	22.8	23.0
10	19.4	16.2	16.8	21.2	27.6	27.5	30.6	28.2	28.3	27.9	23.0	22.9
11	18.7	19.7	16.5	22.9	27.9	27.8	31.0	29.4	28.3	27.4	22.8	23.1
12	18.8	18.6	19.7	24.2	28.1	28.4	28.6	29.4	26.0	26.2	23.0	23.7
13	17.8	15.3	18.6	19.5	28.7	28.7	27.8	28.5	26.5	26.8	23.3	17.6
14	13.9	17.6	13.9	19.3	29.6	28.9	26.9	27.1	26.2	26.6	24.0	18.9
15	15.6	18.4	14.8	21.7	28.3	28.9	26.3	26.2	26.6	26.8	24.2	19.0
16	18.2	16.7	17.9	23.0	29.5	28.9	27.9	25.4	26.8	27.1	24.0	18.9
17	20.9	15.9	17.5	24.0	28.6	29.0	28.0	25.6	26.8	27.7	23.9	19.4
18	19.5	15.4	16.8	25.1	27.1	26.1	28.8	27.5	24.5	27.4	23.6	18.0
19	15.0	16.2	16.5	26.1	26.6	25.8	29.5	28.5	26.1	26.1	23.4	18.5
20	12.9	16.3	17.0	27.3	26.2	26.8	28.1	27.4	26.9	22.3	22.9	18.0
21	10.6	16.7	18.0	27.0	27.5	27.5	26.8	27.3	27.2	19.9	23.1	15.5
22	11.1	17.1	17.5	26.5	28.3	28.3	25.9	28.3	28.4	19.4	22.2	16.4
23	13.0	19.1	18.1	27.0	28.8	28.7	25.2	29.1	26.6	20.6	21.9	18.3
24	14.9	19.7	18.7	27.7	29.2	28.7	24.8	29.6	25.5	21.5	22.3	18.9
25	15.9	14.1	18.3	28.4	29.3	27.7	25.7	29.2	26.0	22.2	22.5	18.5
26	17.2	13.8	19.6	28.5	29.5	28.8	26.5	27.2	26.3	23.2	22.6	18.9
27	17.1	13.0	17.4	28.4	29.4	29.3	26.9	26.7	26.3	23.6	22.2	18.8
28	16.7	13.0	19.3	28.3	26.0	29.8	27.4	26.5	25.2	24.3	22.7	18.4
29	16.6		21.4	26.5	27.7	29.6	28.0	27.8	26.1	23.9	23.7	18.2
30	15.4		20.0	27.8	27.7	29.7	28.3	28.6	26.7	22.3	22.7	19.0
31	18.1		19.8		25.8		28.9	28.6		21.6		19.7
Mean	17.0	17.3	17.8	24.7	27.4	28.0	27.9	27.9	27.1	24.9	22.9	19.8



Table 2. Daily Maximum Temperature ( $^{\circ}\text{C}$ ) at the Royal Observatory in 1994

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
01	18.0	25.1	15.4	25.4	31.1	30.0	33.4	32.3	31.1	29.1	24.0	25.1
02	19.1	20.2	15.0	26.2	30.3	29.4	33.7	32.4	31.9	28.3	25.2	24.4
03	22.8	17.8	17.8	25.8	28.8	27.9	32.3	32.0	30.8	28.3	26.1	23.1
04	20.3	19.6	18.4	26.8	25.9	27.8	29.4	30.2	30.5	28.9	25.0	22.0
05	21.6	22.2	20.9	27.9	28.2	32.4	29.5	29.7	29.6	28.8	25.1	22.2
06	24.3	22.7	20.9	27.7	27.2	30.8	31.3	29.1	29.9	27.1	25.7	22.1
07	20.3	20.7	24.9	27.9	28.2	27.5	30.0	28.5	30.5	28.5	26.3	23.4
08	20.9	22.8	25.1	27.3	30.2	28.5	29.1	29.4	29.4	29.1	24.0	22.5
09	21.9	22.0	21.0	24.9	28.3	29.2	32.6	29.0	31.1	31.0	25.3	24.1
10	21.7	17.5	17.9	22.0	30.5	28.8	34.0	30.1	30.5	30.9	26.3	23.9
11	20.3	22.3	17.6	25.1	31.2	29.0	34.1	31.6	30.8	30.2	25.3	24.4
12	20.8	20.7	21.6	28.3	30.8	29.9	32.0	32.6	28.6	28.8	25.7	25.7
13	19.7	16.6	21.8	21.1	31.6	30.2	30.8	30.0	28.0	29.2	25.1	20.3
14	15.7	19.8	15.8	19.9	32.3	30.1	29.5	29.9	27.4	28.2	25.7	20.0
15	16.9	19.3	16.0	24.9	29.5	30.0	28.0	27.6	28.7	28.3	27.1	20.1
16	20.0	18.0	20.0	24.8	32.9	29.9	31.3	27.2	29.0	29.0	26.8	20.5
17	23.7	17.3	18.3	26.9	32.4	29.7	29.7	28.6	29.0	31.1	26.5	21.9
18	24.0	16.4	18.8	27.8	30.4	29.0	31.7	31.2	26.3	29.3	26.1	20.0
19	16.1	17.0	19.1	29.0	29.1	27.1	32.1	32.0	28.0	28.5	25.3	19.7
20	14.9	19.8	19.9	30.4	28.3	28.2	30.4	30.1	29.0	24.2	24.1	21.2
21	13.8	19.6	19.2	30.1	30.5	29.7	28.2	30.6	28.2	22.6	26.1	17.3
22	11.6	18.0	18.5	30.2	31.3	30.9	28.0	31.7	30.8	22.7	24.5	19.1
23	16.3	20.9	21.6	30.2	32.2	31.3	27.9	32.4	28.4	23.7	23.8	21.1
24	17.0	21.3	21.5	30.2	32.6	31.2	25.5	32.5	27.5	24.4	25.2	21.4
25	19.4	16.1	21.2	30.6	31.7	29.3	27.4	31.9	28.0	25.3	24.3	19.7
26	21.2	14.3	24.7	30.7	32.6	31.6	28.7	28.7	29.1	26.1	25.2	19.7
27	19.8	13.9	18.8	31.1	32.3	32.5	28.8	27.8	28.5	26.9	24.0	20.0
28	19.8	14.7	22.2	31.6	27.3	33.2	30.5	28.1	26.7	27.8	25.1	20.5
29	18.5		25.3	29.9	30.7	32.4	30.2	30.4	29.0	27.0	26.5	19.6
30	16.1		22.0	31.3	30.8	32.9	29.9	31.7	29.3	24.9	23.4	20.0
31	21.4		21.5		26.9		31.8	31.8		23.9		22.4
Mean	19.3	19.2	20.1	27.5	30.2	30.0	30.4	30.4	29.2	27.5	25.3	21.5

Table 3. Daily Minimum Temperature (°C) at the Royal Observatory in 1994

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
01	15.2	18.9	11.4	18.8	26.4	25.1	27.9	27.5	26.9	24.5	19.9	22.4
02	15.8	16.3	12.1	20.0	27.3	25.3	28.4	27.4	27.5	24.4	19.9	22.4
03	18.4	15.1	11.4	21.2	23.2	24.4	26.5	26.5	26.4	24.9	20.3	19.9
04	18.0	16.0	14.3	21.2	21.7	24.9	25.6	24.9	26.4	24.8	20.4	17.8
05	17.8	18.0	15.7	21.6	21.1	25.8	24.8	24.5	25.7	24.8	20.7	17.3
06	17.5	18.9	17.5	22.3	23.1	27.3	26.5	25.1	26.2	24.9	20.9	19.4
07	17.9	17.7	19.1	22.4	23.2	25.9	25.3	23.9	25.8	25.2	20.8	19.9
08	17.8	17.6	21.0	22.9	23.4	24.3	25.7	25.3	27.0	25.4	20.7	20.5
09	17.4	17.4	17.6	21.2	24.5	26.8	26.9	25.1	27.1	24.7	20.8	22.0
10	18.3	15.4	15.7	20.2	25.8	25.5	27.4	24.7	25.4	25.6	20.6	22.4
11	17.7	16.4	15.2	21.3	26.6	26.9	25.4	27.9	25.8	25.1	21.1	22.3
12	17.6	16.2	16.9	20.5	26.6	27.5	22.9	27.9	24.9	24.0	21.0	20.3
13	15.6	14.7	14.5	18.1	26.8	27.7	25.7	26.2	25.1	25.4	21.6	16.3
14	12.9	15.3	12.9	18.5	27.8	28.1	24.8	23.8	25.0	25.6	23.0	17.3
15	13.7	17.6	13.0	19.6	26.1	28.1	24.9	24.6	25.4	25.7	22.6	18.0
16	16.7	15.7	15.0	21.9	27.4	27.9	26.1	23.5	25.7	26.2	22.5	17.7
17	18.6	15.3	16.6	22.0	26.1	28.3	26.8	24.3	25.2	25.7	21.7	17.6
18	15.7	14.8	15.4	23.5	25.7	24.8	27.0	24.7	23.1	26.5	21.8	15.7
19	14.1	15.1	13.7	24.1	25.0	25.0	27.2	26.1	24.4	23.7	21.7	16.7
20	9.6	13.8	13.7	25.4	24.9	25.4	26.1	25.7	24.6	20.0	22.3	15.7
21	7.9	13.7	16.6	24.6	25.8	25.9	25.6	25.3	26.3	17.2	21.5	13.8
22	10.5	16.1	15.7	24.0	25.9	26.4	23.5	25.7	26.5	16.5	20.2	13.7
23	9.5	17.4	15.6	25.2	26.7	26.7	23.4	26.7	24.9	17.2	20.2	15.7
24	12.7	16.0	17.2	26.2	27.3	27.0	24.0	27.6	24.3	18.8	20.6	17.5
25	13.3	13.1	16.3	27.2	27.2	25.6	25.0	27.0	24.6	19.3	20.7	17.3
26	14.6	13.1	17.2	27.3	27.7	27.4	25.4	24.6	24.7	20.3	20.8	17.9
27	14.9	11.9	16.0	26.8	26.9	27.7	25.6	24.9	24.7	21.1	20.9	17.8
28	14.2	11.7	17.0	26.2	25.2	27.8	25.9	24.7	23.3	21.5	20.8	17.0
29	15.1		19.2	24.2	25.9	27.1	26.3	25.5	23.6	21.6	22.2	16.7
30	14.5		18.8	25.3	26.6	27.5	26.9	26.9	24.8	19.9	22.1	17.6
31	15.3		19.0		24.6		27.1	26.9		19.2		18.4
Mean	15.1	15.7	15.8	22.8	25.6	26.5	25.8	25.7	25.4	22.9	21.1	18.2

Table 4. Daily Mean Relative Humidity (%) at the Royal Observatory in 1994

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
01	75	78	75	83	76	81	73	81	77	75	65	76
02	78	73	73	84	75	69	77	81	81	75	68	83
03	78	73	73	82	87	76	82	81	86	76	69	82
04	78	79	71	80	87	85	87	85	85	76	63	74
05	73	87	67	80	51	74	88	85	90	77	74	70
06	72	88	77	83	67	71	84	86	89	83	73	72
07	82	92	87	81	66	88	87	90	86	78	62	74
08	79	83	90	83	68	88	90	89	88	81	67	91
09	82	70	92	88	84	82	79	90	82	71	70	93
10	82	82	83	89	79	86	74	86	88	63	75	93
11	80	92	85	89	85	84	74	80	85	63	73	94
12	82	89	91	89	86	81	82	80	90	67	76	92
13	75	86	90	86	78	79	88	84	81	79	75	85
14	76	88	77	85	76	79	90	84	83	78	78	82
15	78	90	81	78	80	80	94	90	79	81	73	81
16	85	92	85	80	76	81	88	94	76	83	75	80
17	83	91	80	83	77	81	87	93	79	77	72	76
18	81	93	79	87	75	93	84	82	88	74	77	73
19	77	95	80	81	71	94	79	79	83	77	77	74
20	75	72	70	80	78	93	85	83	89	51	77	70
21	49	69	66	82	81	91	92	81	90	37	77	69
22	49	82	85	81	77	86	96	76	83	42	71	75
23	53	88	65	81	75	86	96	77	90	45	74	78
24	60	93	53	81	74	82	97	77	79	44	71	91
25	64	79	52	75	75	81	96	79	76	53	75	95
26	69	77	62	77	78	78	92	87	79	63	81	91
27	64	81	69	77	77	79	92	89	84	65	80	82
28	64	80	68	79	89	81	91	90	82	66	82	76
29	61		80	81	85	79	87	87	72	69	79	79
30	67		82	78	88	75	85	79	73	62	78	82
31	75		87		90		84	77		60		79
Mean	72	84	77	82	78	82	86	84	83	67	74	81

Table 5. Daily Total Rainfall (mm) at the Royal Observatory in 1994

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
01	-	-	Trace	-	-	1.1	-	1.9	Trace	-	-	-
02	-	Trace	-	-	Trace	Trace	-	1.2	-	-	-	Trace
03	-	-	Trace	-	86.8	0.7	14.6	11.8	12.6	-	-	0.1
04	-	Trace	Trace	-	19.4	1.0	28.9	12.0	14.5	-	-	0.7
05	-	0.2	0.1	-	-	-	50.5	44.2	27.8	Trace	-	-
06	-	-	-	-	Trace	Trace	10.6	33.1	9.3	0.9	-	Trace
07	-	Trace	Trace	-	-	10.3	18.8	20.6	1.6	-	-	0.1
08	-	Trace	Trace	-	-	33.4	39.6	5.1	4.4	0.2	-	58.9
09	-	-	Trace	0.4	0.3	Trace	Trace	27.9	Trace	-	-	0.3
10	-	0.2	0.4	1.9	Trace	42.5	-	48.3	79.1	-	-	-
11	-	10.7	Trace	Trace	15.5	1.8	21.5	Trace	14.1	-	-	-
12	-	3.2	Trace	0.7	0.3	Trace	75.9	1.3	32.1	-	-	7.2
13	-	Trace	Trace	0.6	Trace	0.3	28.1	11.6	0.5	Trace	-	3.6
14	Trace	Trace	0.2	Trace	-	0.6	46.1	5.1	3.2	-	-	-
15	Trace	0.1	0.2	-	1.6	Trace	42.0	50.9	Trace	Trace	-	0.2
16	Trace	3.1	Trace	-	-	0.2	8.8	125.2	-	Trace	-	0.8
17	-	0.9	Trace	Trace	0.2	0.2	1.8	26.4	1.0	-	-	-
18	Trace	7.9	1.9	Trace	-	48.9	4.0	-	8.9	Trace	-	0.1
19	-	23.1	18.5	-	-	89.8	-	Trace	-	1.1	-	-
20	-	-	-	-	Trace	13.0	12.9	23.6	3.6	-	Trace	-
21	-	Trace	Trace	Trace	-	13.0	32.5	1.3	12.2	-	-	-
22	-	0.1	2.3	-	-	3.3	297.0	-	-	-	Trace	-
23	-	0.3	-	-	-	5.4	195.1	Trace	58.4	-	Trace	-
24	-	0.7	-	Trace	-	4.5	119.1	Trace	0.6	-	0.2	-
25	-	Trace	Trace	Trace	-	16.5	53.3	-	0.9	-	Trace	23.9
26	-	-	-	-	-	1.2	8.6	41.8	-	-	-	24.7
27	-	Trace	-	Trace	1.4	Trace	3.7	73.4	-	-	-	2.0
28	-	Trace	Trace	-	5.4	-	25.6	18.7	4.7	-	-	Trace
29	-	-	Trace	2.4	Trace	2.2	3.2	12.2	9.4	-	Trace	-
30	Trace	-	-	-	26.2	0.3	3.8	-	-	-	-	-
31	-	-	2.9	-	26.6	-	1.2	-	-	-	-	Trace
Total	Trace	50.5	26.5	6.0	183.7	290.2	1147.2	597.6	298.9	2.2	0.2	122.6

- means no rainfall

Trace means rainfall less than 0.05 mm

Table 6. Daily Total Bright Sunshine Duration (hours) at King's Park in 1994

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
01	4.3	6.8	-	5.9	5.5	1.8	12.2	7.0	7.9	9.7	9.8	1.4
02	7.5	4.2	-	9.5	3.9	4.3	7.4	10.0	5.7	9.5	9.9	3.0
03	8.1	2.1	8.7	8.6	-	1.3	2.5	3.7	5.2	6.0	10.1	0.3
04	9.1	-	6.1	9.9	-	0.1	-	0.4	6.7	9.9	10.0	6.2
05	2.1	2.9	6.3	8.2	8.3	3.9	-	-	7.4	6.9	9.1	8.8
06	9.1	5.5	0.4	5.6	0.8	3.9	9.0	-	6.3	2.7	9.6	-
07	5.1	-	1.9	10.8	1.2	2.0	2.2	-	5.4	8.1	9.9	0.2
08	0.2	0.9	0.3	6.1	10.0	0.3	0.9	0.3	0.8	4.9	9.8	-
09	7.4	5.9	-	0.7	4.2	1.7	11.4	-	6.7	10.3	9.3	-
10	5.4	-	-	-	3.7	-	11.8	0.1	2.5	7.7	10.0	2.0
11	0.8	0.3	-	1.3	5.2	-	3.2	5.6	3.1	9.9	9.9	1.9
12	6.2	0.2	0.8	1.6	6.7	1.0	4.5	5.3	1.3	9.2	9.5	-
13	-	-	0.1	-	11.2	1.8	4.3	0.5	1.0	8.4	3.1	-
14	-	1.9	-	-	11.5	0.7	1.3	4.8	0.2	8.7	7.6	-
15	-	-	-	1.9	1.6	0.2	0.7	-	5.5	7.5	5.7	-
16	5.0	-	-	3.3	11.0	1.2	7.4	-	7.8	10.0	10.2	6.0
17	8.0	-	-	0.9	6.6	0.1	1.0	-	1.5	10.6	8.9	8.5
18	2.3	-	-	6.8	7.7	-	7.9	9.5	-	7.6	7.9	0.5
19	-	-	1.5	8.7	11.1	-	12.0	9.1	2.5	5.0	8.1	0.6
20	-	8.6	9.1	8.8	5.1	-	4.0	4.0	6.4	7.1	2.5	4.0
21	7.3	7.9	-	3.8	10.3	5.5	0.1	9.1	3.6	10.3	8.7	0.0
22	-	-	-	9.0	9.8	8.5	-	9.9	7.7	10.7	7.7	8.7
23	9.4	-	7.5	9.3	9.3	10.4	-	10.5	0.8	10.7	2.6	9.0
24	6.7	-	2.5	8.2	9.2	5.0	-	9.5	1.1	10.7	7.3	0.1
25	9.2	-	0.9	9.8	8.5	3.8	-	9.0	7.4	10.2	6.9	-
26	9.0	-	7.3	5.8	7.5	8.2	0.9	0.3	3.5	9.7	5.4	-
27	8.9	-	6.5	7.1	7.7	9.2	2.9	0.2	0.9	8.3	7.5	0.3
28	8.8	-	4.2	9.4	0.2	10.7	6.1	1.8	-	9.6	5.5	2.5
29	6.7	-	5.9	2.1	3.9	10.4	8.2	10.3	6.7	8.8	1.3	3.1
30	0.9	-	2.3	8.4	4.4	11.8	7.1	9.7	9.2	9.4	1.0	-
31	7.0	-	0.4	-	-	-	7.4	8.2	-	9.6	-	3.1
Total	154.5	47.2	72.7	171.5	186.1	107.8	136.4	138.8	124.8	267.7	224.8	70.2

- means no sunshine

**Table 7. Daily Total Global Solar Radiation ( $\text{MJ}/\text{m}^2$ ) at King's Park in 1994**

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
01	9.68	14.42	5.96	18.88	12.05	11.63	23.89	15.68	15.44	20.06	16.66	9.55
02	13.40	10.43	4.49	21.88	10.79	18.10	16.30	20.51	12.83	18.52	16.64	7.12
03	13.91	9.64	18.18	21.48	2.80	8.14	11.99	12.18	12.64	15.96	17.22	3.32
04	13.93	4.83	17.03	20.53	3.36	7.23	8.13	9.09	13.07	19.35	16.72	12.25
05	9.18	8.32	16.79	17.82	22.99	14.94	6.45	7.47	15.48	16.11	15.19	12.64
06	13.23	12.76	9.21	16.71	8.83	13.85	20.75	3.01	15.82	8.74	15.18	5.60
07	10.72	4.29	9.12	22.68	10.95	8.40	14.71	2.97	13.69	17.76	16.16	4.88
08	6.92	8.24	4.85	17.48	19.51	5.87	7.87	9.55	9.52	13.15	16.80	1.03
09	11.07	13.72	6.33	7.38	17.05	9.96	25.58	5.54	13.33	19.29	16.21	4.95
10	12.10	2.97	5.09	6.79	13.68	4.05	21.29	9.85	6.96	15.94	16.25	6.44
11	6.94	4.90	4.11	10.43	17.63	7.42	15.75	19.09	9.38	17.28	16.66	7.45
12	12.73	4.12	8.77	9.04	20.14	10.24	14.26	17.55	7.75	15.51	16.05	2.28
13	4.79	3.04	3.68	2.12	20.42	10.58	17.76	8.41	7.96	16.52	9.90	1.88
14	1.39	9.04	3.94	2.52	25.28	8.81	11.24	14.57	7.11	15.20	13.25	6.00
15	5.42	3.38	4.04	12.92	8.31	6.50	5.51	2.78	15.86	13.34	13.81	4.94
16	10.66	2.82	6.74	13.67	21.78	7.63	18.89	1.25	18.81	17.27	16.66	13.33
17	13.32	2.36	5.84	12.95	18.39	5.15	10.10	3.49	9.51	19.52	15.66	14.96
18	6.55	2.06	6.04	16.48	20.48	3.33	21.46	21.54	5.42	17.07	15.21	6.87
19	3.59	2.03	9.02	16.46	25.33	2.77	25.99	20.42	13.54	11.48	15.00	5.79
20	3.30	16.96	22.46	15.51	16.58	6.12	13.55	13.33	14.05	17.04	7.98	10.30
21	13.48	16.68	6.52	12.64	22.86	15.29	5.24	15.65	9.76	20.77	14.20	5.68
22	2.29	5.61	2.81	18.06	23.49	15.06	1.06	18.71	14.83	20.39	13.52	14.18
23	15.01	5.94	17.57	17.96	21.73	21.74	3.35	21.41	9.42	19.90	10.66	14.18
24	13.36	6.30	11.79	15.75	23.24	13.72	1.32	21.94	11.06	19.69	12.46	3.02
25	13.60	3.23	10.63	20.29	21.26	12.37	3.48	15.45	18.76	18.00	14.65	2.74
26	13.41	3.08	19.24	14.05	20.04	18.22	11.14	6.16	11.95	17.05	11.65	3.70
27	13.98	2.08	18.28	17.50	22.13	19.55	11.55	3.65	8.78	15.53	13.00	5.77
28	14.05	4.77	14.62	20.45	4.83	22.16	16.06	6.58	4.62	16.58	12.69	9.61
29	12.59		17.70	8.18	18.00	23.98	15.92	21.21	17.44	14.34	7.77	9.73
30	6.67		10.81	20.62	12.61	24.68	15.03	21.71	18.28	15.85	6.43	6.88
31	14.09		8.65		7.23	16.19	16.19	20.68		16.19		9.42
Mean	10.17	6.72	10.01	14.97	16.57	11.92	13.28	12.63	12.10	16.75	14.01	7.31

Table 8. Monthly Values of Meteorological Elements in January 1994

Station	Wind		Air Temperature			Wet Bulb	Dew Point	Relative Humidity		Pressure	Rainfall	Cloud Amount		Sunshine	Solar Radiation
	Prevailing Direction	Mean Speed	Mean Maximum	Mean	Minimum			Mean	Mean			Mean	Mean		
	degrees	m/s	°C	°C	°C	°C	°C	%	hPa	mm	%	hours	Mean MJ/m <sup>2</sup>		
King's Park	120	2.2	20.5	16.6	14.1	13.7	10.8	70	1019.3	Trace		154.5	10.17		
Royal Observatory	090	3.5	19.3	17.0	15.1	14.3	11.8	72	1018.9	Trace	52				
HKIA	100	3.9	21.3	17.4	14.5	14.0	10.8	67	1019.0	Trace	52				
Ta Kwu Ling	120 <sup>(80)</sup>	2.3 <sup>(80)</sup>	21.0 <sup>(80)</sup>	15.9 <sup>(80)</sup>	11.8 <sup>(80)</sup>	12.9 <sup>(80)</sup>	10.1 <sup>(80)</sup>	71 <sup>(80)</sup>	1019.0 <sup>(80)</sup>	.0 <sup>(80)</sup>					
Lau Fau Shan	060 <sup>(80)</sup>	2.8 <sup>(80)</sup>	19.7	15.8	12.6	13.7	11.7	78	1019.7	.0					
Sha Tin	020 <sup>(80)</sup>	1.7 <sup>(80)</sup>	19.8	15.8	12.6	13.1	10.5	73	1019.5	.0					
Cheung Chau	360 <sup>(80)</sup>	4.3 <sup>(80)</sup>	21.4	16.8	14.0	14.5	12.5	77	1018.8	.5					
Waglan Island.	070 <sup>(70)</sup>	6.6 <sup>(70)</sup>	17.8 <sup>(70)</sup>	15.2 <sup>(70)</sup>	13.6 <sup>(70)</sup>	13.0 <sup>(70)</sup>	10.8 <sup>(70)</sup>	76 <sup>(70)</sup>	1019.1 <sup>(70)</sup>	2.5 <sup>(70)</sup>					
Ping Chau	070 <sup>(74)</sup>	1.8 <sup>(74)</sup>	19.8 <sup>(74)</sup>	15.7 <sup>(83)</sup>	12.9 <sup>(74)</sup>	13.9 <sup>(83)</sup>	12.3 <sup>(83)</sup>	81 <sup>(83)</sup>		1.0 <sup>(74)</sup>					
Tai Mei Tuk	050 <sup>(66)</sup>	3.0 <sup>(66)</sup>	20.5 <sup>(81)</sup>	16.1 <sup>(84)</sup>	13.2 <sup>(81)</sup>	13.7 <sup>(85)</sup>	11.5 <sup>(85)</sup>	76 <sup>(85)</sup>		.0 <sup>(81)</sup>					
Tap Mun	130 <sup>(76)</sup>	3.0 <sup>(76)</sup>	18.7 <sup>(76)</sup>	15.0 <sup>(83)</sup>	11.9 <sup>(76)</sup>	13.0 <sup>(83)</sup>	10.9 <sup>(83)</sup>	78 <sup>(83)</sup>		.5 <sup>(76)</sup>					
Tseung Kwan O	020 <sup>(80)</sup>	2.4 <sup>(80)</sup>	18.5	16.4	14.6	13.3	10.2	68		.5					
Sha Lo Wan	080 <sup>(80)</sup>	3.2 <sup>(80)</sup>	19.3 <sup>(87)</sup>	16.3 <sup>(87)</sup>	13.8 <sup>(87)</sup>	13.7 <sup>(87)</sup>	11.3 <sup>(87)</sup>	74 <sup>(87)</sup>		1.5					
Kat O			18.6 <sup>(80)</sup>	16.0 <sup>(84)</sup>	13.7 <sup>(80)</sup>	13.9 <sup>(84)</sup>	12.0 <sup>(84)</sup>	78 <sup>(84)</sup>		.5 <sup>(80)</sup>					
Tai Po Kau	090 <sup>(80)</sup>	2.4 <sup>(80)</sup>	19.1	15.8	13.0	13.4	11.2	75							
Tuen Mun	030 <sup>(80)</sup>	2.0 <sup>(80)</sup>	20.0 <sup>(80)</sup>	16.4 <sup>(80)</sup>	13.5 <sup>(80)</sup>	13.3 <sup>(80)</sup>	10.3 <sup>(80)</sup>	69 <sup>(80)</sup>							
Sai Kung	020 <sup>(80)</sup>	2.4 <sup>(80)</sup>	18.0	15.6	13.4	13.6	11.6	78							
Wong Chuk Hang	070 <sup>(80)</sup>	2.1 <sup>(80)</sup>	19.8	16.7	13.9	14.3	12.2	76							
Tai Mo Shan	090 <sup>(80)</sup>	5.8 <sup>(80)</sup>													
Tate's Cairn	100 <sup>(80)</sup>	6.1 <sup>(80)</sup>													
Ching Pak House	130 <sup>(80)</sup>	3.2 <sup>(80)</sup>													
Shell	100 <sup>(87)</sup>	2.4 <sup>(87)</sup>													
Cheung Sha Wan	100 <sup>(80)</sup>	1.9 <sup>(80)</sup>													
Star Ferry, Kowloon	100 <sup>(80)</sup>	3.4 <sup>(80)</sup>													
Green Island	070 <sup>(80)</sup>	5.8 <sup>(80)</sup>													
Central	090 <sup>(80)</sup>	2.9 <sup>(80)</sup>													
Central Plaza	060 <sup>(80)</sup>	4.1 <sup>(80)</sup>													

For automatic weather stations, the percentage of data available for computation, when less than 99.5, is given in brackets next to the monthly value.

**Table 9. Monthly Values of Meteorological Elements in February 1994**

Station	Wind		Air Temperature			Wet Bulb		Dew Point		Relative Humidity		Pressure	Rainfall	Cloud Amount	Sunshine	Solar Radiation
	Prevailing Direction degrees	Mean Speed m/s	Maximum °C	Mean °C	Minimum °C	Mean °C	Mean °C	Mean °C	Mean %	Mean %	Mean hPa	Total mm	Mean %	Total Duration hours	Mean MJ/m <sup>2</sup>	
																Mean °C
King's Park	120	2.4	19.5	17.0	15.1	15.2	13.7	82	1016.1	38.4	47.2	6.72				
Royal Observatory	090	3.9	19.2	17.3	15.7	15.6	14.4	84	1015.8	50.5	84					
HKIA	100	4.3	20.4	17.7	15.6	15.5	13.8	78	1015.9	33.5	84					
Ta Kwu Ling	120 <sup>(93)</sup>	2.6 <sup>(93)</sup>	21.4 <sup>(94)</sup>	18.2 <sup>(95)</sup>	15.7 <sup>(94)</sup>	16.2 <sup>(95)</sup>	14.8 <sup>(95)</sup>	81 <sup>(95)</sup>	1015.7 <sup>(94)</sup>	36.0 <sup>(94)</sup>						
Lau Fau Shan	060 <sup>(96)</sup>	3.5 <sup>(96)</sup>	19.5 <sup>(96)</sup>	16.5	14.4 <sup>(96)</sup>	15.2 <sup>(96)</sup>	14.3 <sup>(96)</sup>	87 <sup>(96)</sup>	1016.5	40.0 <sup>(96)</sup>						
Sha Tin	080 <sup>(98)</sup>	1.9 <sup>(98)</sup>	19.0	16.6	14.6	14.9	13.5	83	1016.4	59.0						
Cheung Chau	360 <sup>(98)</sup>	4.6 <sup>(98)</sup>	20.2	17.3	15.2	16.0	15.1	87	1015.6	42.0						
Waglan Island	030 <sup>(97)</sup>	7.7 <sup>(97)</sup>	17.1 <sup>(91)</sup>	15.4 <sup>(91)</sup>	14.1 <sup>(91)</sup>	14.2 <sup>(91)</sup>	13.1 <sup>(91)</sup>	86 <sup>(91)</sup>	1015.7 <sup>(91)</sup>	49.0 <sup>(91)</sup>						
Ping Chau	080 <sup>(73)</sup>	2.2 <sup>(73)</sup>	18.6 <sup>(72)</sup>	16.0	14.1 <sup>(72)</sup>	14.8	13.8	88		9.5 <sup>(70)</sup>						
Tai Mei Tuk	090 <sup>(65)</sup>	3.7 <sup>(65)</sup>	19.1 <sup>(95)</sup>	16.3	14.3 <sup>(96)</sup>	15.0	13.9	87		47.0 <sup>(96)</sup>						
Tap Mun	350 <sup>(74)</sup>	3.5 <sup>(74)</sup>	18.0 <sup>(74)</sup>	15.8	14.0 <sup>(74)</sup>	14.4	13.2	85		42.5 <sup>(75)</sup>						
Tseung Kwan O	020 <sup>(96)</sup>	2.5 <sup>(96)</sup>	18.7	17.1	15.5	14.8	12.9	77		65.0						
Sha Lo Wan	080 <sup>(98)</sup>	4.1 <sup>(98)</sup>	19.5	16.9	14.8	15.5 <sup>(91)</sup>	14.4 <sup>(91)</sup>	85 <sup>(91)</sup>		56.0						
Kat O			18.3 <sup>(95)</sup>	16.4	14.7 <sup>(95)</sup>	15.1	14.0	86		47.5 <sup>(95)</sup>						
Tai Po Kau	100 <sup>(97)</sup>	3.0 <sup>(97)</sup>	18.3 <sup>(99)</sup>	16.3 <sup>(99)</sup>	14.5 <sup>(99)</sup>	14.9 <sup>(99)</sup>	13.8 <sup>(99)</sup>	86 <sup>(99)</sup>								
Tuen Mun	030 <sup>(97)</sup>	2.4 <sup>(97)</sup>	19.4 <sup>(99)</sup>	16.8 <sup>(99)</sup>	14.7 <sup>(99)</sup>	14.8 <sup>(99)</sup>	13.1 <sup>(99)</sup>	79 <sup>(99)</sup>								
Sai Kung	030 <sup>(93)</sup>	2.8 <sup>(93)</sup>	17.7 <sup>(94)</sup>	16.1 <sup>(94)</sup>	14.7 <sup>(94)</sup>	14.8 <sup>(92)</sup>	13.7 <sup>(92)</sup>	86 <sup>(92)</sup>								
Wong Chuk Hang	070 <sup>(98)</sup>	2.3 <sup>(98)</sup>	19.9	17.8	15.8	16.2	15.0	84								
Tai Mo Shan	110 <sup>(98)</sup>	8.0 <sup>(98)</sup>														
Tate's Cairn	110 <sup>(98)</sup>	7.3 <sup>(98)</sup>														
Ching Pak House	130 <sup>(95)</sup>	3.6 <sup>(94)</sup>														
Shell	100 <sup>(96)</sup>	2.9 <sup>(96)</sup>														
Cheung Sha Wan	020 <sup>(11)</sup>	2.7 <sup>(12)</sup>														
Star Ferry, Kowloon	100 <sup>(98)</sup>	3.9 <sup>(98)</sup>														
Green Island	070 <sup>(98)</sup>	6.8 <sup>(98)</sup>														
Central	090 <sup>(98)</sup>	3.2 <sup>(98)</sup>														
Central Plaza	070 <sup>(95)</sup>	4.8 <sup>(95)</sup>														

For automatic weather stations, the percentage of data available for computation, when less than 99.5, is given in brackets next to the monthly value.



Table 10. Monthly Values of Meteorological Elements in March 1994

Station	Wind		Air Temperature			Wet Bulb	Dew Point	Relative Humidity		Pressure	Rainfall		Cloud Amount		Sunshine		Solar Radiation
	Prevailing Direction	Mean Speed	Maximum	Mean	Minimum			Mean	Mean		Mean	Total	Mean	Total	Mean	Duration	
						degrees	m/s			°C							°C
King's Park	120	2.4	20.6	17.5	15.2	15.0	12.8	75	1018.8	22.7	72.7	10.01					
Royal Observatory	090	4.0	20.1	17.8	15.8	15.4	13.4	77	1018.5	26.5	84						
HKIA	100	4.2	21.6	18.4	15.8	15.3	12.6	71	1018.6	19.0	83						
Ta Kwu Ling	120 <sup>(86)</sup>	2.8 <sup>(86)</sup>	21.1 <sup>(84)</sup>	17.6 <sup>(84)</sup>	14.5 <sup>(84)</sup>	15.2 <sup>(84)</sup>	13.2 <sup>(84)</sup>	77 <sup>(84)</sup>	1018.4 <sup>(84)</sup>	29.0 <sup>(84)</sup>							
Lau Fau Shan	060 <sup>(81)</sup>	3.7 <sup>(81)</sup>	21.2 <sup>(89)</sup>	17.4	14.4 <sup>(89)</sup>	15.3	13.7	80	1019.2	32.5 <sup>(89)</sup>							
Sha Tin	070 <sup>(82)</sup>	2.0 <sup>(82)</sup>	20.0 <sup>(89)</sup>	17.0	14.6 <sup>(89)</sup>	14.6	12.6	76	1019.1	25.5 <sup>(89)</sup>							
Cheung Chau	360 <sup>(88)</sup>	4.9 <sup>(88)</sup>	21.8 <sup>(88)</sup>	17.8	15.3 <sup>(88)</sup>	15.9	14.4	81	1018.3	16.0 <sup>(88)</sup>							
Waglan Island	070 <sup>(82)</sup>	7.5 <sup>(82)</sup>	18.7 <sup>(87)</sup>	16.4 <sup>(87)</sup>	14.5 <sup>(87)</sup>	14.4 <sup>(87)</sup>	12.6 <sup>(87)</sup>	79 <sup>(87)</sup>	1018.7 <sup>(87)</sup>	15.0 <sup>(87)</sup>							
Ping Chau	080 <sup>(89)</sup>	2.1 <sup>(89)</sup>	20.2 <sup>(89)</sup>	16.7 <sup>(89)</sup>	14.2 <sup>(89)</sup>	14.9 <sup>(89)</sup>	13.4 <sup>(89)</sup>	82 <sup>(89)</sup>		31.0 <sup>(70)</sup>							
Tai Mei Tuk	060 <sup>(87)</sup>	3.3 <sup>(87)</sup>	20.5 <sup>(88)</sup>	16.9	14.3 <sup>(88)</sup>	14.8	13.1	80		27.0 <sup>(88)</sup>							
Tap Mun	350 <sup>(72)</sup>	3.1 <sup>(72)</sup>	19.4 <sup>(71)</sup>	16.5 <sup>(86)</sup>	13.9 <sup>(71)</sup>	14.6 <sup>(89)</sup>	13.0 <sup>(86)</sup>	81 <sup>(89)</sup>		30.5 <sup>(72)</sup>							
Tseung Kwan O	020 <sup>(82)</sup>	2.8 <sup>(82)</sup>	19.5 <sup>(89)</sup>	17.6	15.7 <sup>(89)</sup>	14.7	12.1	71		31.0 <sup>(89)</sup>							
Sha Lo Wan	080 <sup>(81)</sup>	4.3 <sup>(81)</sup>	20.5 <sup>(87)</sup>	17.4 <sup>(88)</sup>	14.9 <sup>(87)</sup>	15.2 <sup>(88)</sup>	13.3 <sup>(88)</sup>	78 <sup>(88)</sup>		28.5 <sup>(89)</sup>							
Kat O			19.5 <sup>(85)</sup>	17.0	14.8 <sup>(85)</sup>	15.0	13.4	80		33.5 <sup>(86)</sup>							
Tai Po Kau	100 <sup>(82)</sup>	2.8 <sup>(82)</sup>	19.6 <sup>(89)</sup>	16.9 <sup>(89)</sup>	14.5 <sup>(89)</sup>	14.8 <sup>(89)</sup>	13.1 <sup>(89)</sup>	79 <sup>(89)</sup>									
Tuen Mun	030 <sup>(83)</sup>	2.4 <sup>(83)</sup>	20.5 <sup>(89)</sup>	17.4	14.9 <sup>(89)</sup>	14.8	12.5	74									
Sai Kung	020 <sup>(81)</sup>	2.9 <sup>(81)</sup>	19.1 <sup>(89)</sup>	16.9	14.8 <sup>(89)</sup>	14.7 <sup>(89)</sup>	13.0 <sup>(89)</sup>	79 <sup>(89)</sup>									
Wong Chuk Hang	070 <sup>(80)</sup>	2.7 <sup>(80)</sup>	20.5 <sup>(89)</sup>	18.1	15.9 <sup>(89)</sup>	15.8	14.1	78									
Tai Mo Shan	110 <sup>(88)</sup>	8.4 <sup>(88)</sup>															
Tate's Cairn	100 <sup>(86)</sup>	7.3 <sup>(88)</sup>															
Ching Pak House	120 <sup>(87)</sup>	4.0 <sup>(84)</sup>															
Shell	100 <sup>(87)</sup>	3.1 <sup>(87)</sup>															
Cheung Sha Wan	080 <sup>(83)</sup>	2.5 <sup>(79)</sup>															
Star Ferry, Kowloon	100 <sup>(85)</sup>	3.8 <sup>(85)</sup>															
Green Island	070 <sup>(88)</sup>	6.9 <sup>(88)</sup>															
Central	100 <sup>(88)</sup>	3.1 <sup>(88)</sup>															
Central Plaza	070 <sup>(80)</sup>	5.1 <sup>(80)</sup>															

For automatic weather stations, the percentage of data available for computation, when less than 99.5, is given in brackets next to the monthly value.

**Table 11. Monthly Values of Meteorological Elements in April 1994**

Station	Wind		Air Temperature			Wet Bulb	Dew Point	Relative Humidity	Pressure	Rainfall	Cloud Amount	Sunshine	Solar Radiation
	Prevaling Direction	Mean Speed	Maximum	Mean	Minimum								
	degrees	m/s	°C	°C	°C	°C	°C	%	hPa	mm	%	hours	MJ/m <sup>2</sup>
King's Park	120	2.0	28.0	24.3	22.0	22.0	20.8	81	1012.1	6.3		171.5	14.97
Royal Observatory	090	3.1	27.5	24.7	22.8	22.4	21.3	82	1011.8	6.0	69		
HKIA	130	3.8	29.1	25.1	22.5	22.3	20.9	78	1011.9	8.0	68		
Ta Kwu Ling	120 (83)	2.4 (85)	29.0 (87)	24.5 (88)	21.4 (87)	22.2 (88)	21.1 (88)	82 (88)	1011.5 (85)	13.5 (88)			
Lau Fau Shan	130 (81)	3.7 (81)	28.2 (87)	24.5 (88)	21.5 (87)	22.3 (88)	21.3 (88)	83 (88)	1012.2 (88)	20.5 (87)			
Sha Tin	210 (82)	1.9 (82)	27.3 (87)	23.9 (87)	21.4 (87)	21.7 (87)	20.5 (87)	82 (87)	1012.2 (87)	37.5 (87)			
Cheung Chau	130 (44)	3.5 (44)	30.1 (88)	24.9	22.1 (88)	23.2	22.5	87	1011.7	1.0 (88)			
Waglan Island	070 (81)	4.9 (81)	27.6 (86)	23.2 (86)	21.2 (86)	21.5 (86)	20.6 (86)	86 (86)	1012.4 (86)	3.0 (86)			
Ping Chau	160 (81)	1.9 (81)	27.4 (86)	23.4 (88)	21.1 (86)	22.2 (88)	21.6 (88)	90 (88)		27.0 (81)			
Tai Mei Tuk	060 (46)	3.4 (46)	28.2 (82)	23.8	21.2 (82)	22.2	21.4	87		46.0 (82)			
Tap Mun	120 (82)	2.5 (82)	26.5 (82)	23.1 (88)	20.7 (82)	21.9 (88)	21.2 (88)	89 (88)		44.5 (82)			
Tseung Kwan O	200 (80)	2.1 (80)	26.6 (88)	24.3 (88)	22.7 (88)	22.1 (88)	20.9 (88)	82 (88)		10.5 (88)			
Sha Lo Wan	220 (85)	3.6 (85)	27.7 (88)	24.5	22.0 (88)	22.2	21.0	81		13.0 (88)			
Kat O			26.6 (86)	23.8	21.6 (86)	22.3	21.5	87		39.0 (86)			
Tai Po Kau	090 (86)	2.5 (86)	27.3 (88)	24.1	21.6 (88)	22.2	21.2	85					
Tuen Mun	170 (85)	2.4 (85)	27.2 (88)	24.4	22.0 (88)	21.9	20.6	80					
Sai Kung	180 (84)	2.6 (84)	25.9 (88)	23.3 (88)	21.7 (88)	21.9 (88)	21.2 (88)	88 (88)					
Wong Chuk Hang	110 (84)	2.1 (84)	26.8 (88)	24.3	22.2 (88)	22.6	21.8	86					
Tai Mo Shan	200 (80)	6.4 (80)											
Tate's Cairn	180 (80)	4.8 (80)											
Ching Pak House	170 (88)	3.8 (88)											
Shell	150	2.8											
Cheung Sha Wan	100 (80)	2.4 (76)											
Star Ferry, Kowloon	100 (88)	2.7 (88)											
Green Island	190 (86)	5.1 (86)											
Central	090 (80)	2.3 (80)											
Central Plaza	170 (83)	4.2 (83)											

For automatic weather stations, the percentage of data available for computation, when less than 99.5, is given in brackets next to the monthly value.

**Table 12. Monthly Values of Meteorological Elements in May 1994**

Station	Wind		Air Temperature			Wet Bulb	Dew Point	Relative Humidity	Pressure	Rainfall	Cloud Amount	Sunshine	Solar Radiation
	Prevalling Direction	Mean Speed	Mean Maximum	Mean	Minimum								
	degrees	m/s	°C	°C	°C	Mean °C	Mean °C	Mean %	Mean hPa	Total mm	Mean %	Total Duration hours	Mean MJ/m <sup>2</sup>
King's Park	120	1.9	30.2	26.9	24.8	23.9	22.4	77	1008.9	120.8		186.1	16.57
Royal Observatory	090	3.2	30.2	27.4	25.6	24.4	23.0	78	1008.6	183.7	73		
HKIA	080	3.6	31.3	27.9	25.5	24.2	22.4	73	1008.7	110.0	69		
Ta Kwu Ling	110 <sup>(96)</sup>	2.0 <sup>(96)</sup>	31.2	26.9	23.8	24.1	22.7	79	1008.5	83.5			
Lau Fau Shan	130 <sup>(97)</sup>	3.5 <sup>(97)</sup>	30.1 <sup>(96)</sup>	26.6 <sup>(96)</sup>	24.0 <sup>(96)</sup>	24.0 <sup>(96)</sup>	22.8 <sup>(96)</sup>	80 <sup>(96)</sup>	1008.4 <sup>(96)</sup>	131.0 <sup>(96)</sup>			
Sha Tin	210 <sup>(96)</sup>	2.0 <sup>(96)</sup>	29.7	26.6	24.3	23.7	22.2	78	1009.1	103.0			
Cheung Chau	110 <sup>(97)</sup>	4.1 <sup>(97)</sup>	31.1	27.0	24.6	24.9	23.9	84	1008.7	141.5			
Waglan Island	080 <sup>(74)</sup>	5.7 <sup>(74)</sup>	30.1 <sup>(96)</sup>	26.5 <sup>(96)</sup>	24.5 <sup>(96)</sup>	24.4 <sup>(96)</sup>	23.5 <sup>(96)</sup>	84 <sup>(96)</sup>	1008.5 <sup>(79)</sup>	117.0 <sup>(96)</sup>			
Ping Chau	080 <sup>(73)</sup>	2.1 <sup>(73)</sup>	29.7 <sup>(73)</sup>	26.2 <sup>(97)</sup>	23.9 <sup>(73)</sup>	24.2 <sup>(97)</sup>	23.3 <sup>(97)</sup>	85 <sup>(97)</sup>		165.0 <sup>(73)</sup>			
Tai Mei Tuk	270 <sup>(91)</sup>	2.9 <sup>(91)</sup>	30.7 <sup>(93)</sup>	26.4	23.9 <sup>(93)</sup>	24.2	23.1	83		136.0 <sup>(93)</sup>			
Tap Mun	120 <sup>(70)</sup>	2.6 <sup>(70)</sup>	29.6 <sup>(74)</sup>	26.2 <sup>(96)</sup>	23.7 <sup>(74)</sup>	24.3 <sup>(96)</sup>	23.5 <sup>(96)</sup>	86 <sup>(96)</sup>		53.5 <sup>(74)</sup>			
Tseung Kwan O	200 <sup>(98)</sup>	2.3 <sup>(98)</sup>	28.9	26.6	24.8	24.2	23.0	81		-			
Sha Lo Wan	230 <sup>(96)</sup>	3.6 <sup>(96)</sup>	30.2 <sup>(97)</sup>	27.0 <sup>(97)</sup>	24.7 <sup>(97)</sup>	23.9 <sup>(96)</sup>	22.3 <sup>(96)</sup>	76 <sup>(96)</sup>		119.0 <sup>(97)</sup>			
Kat O			29.1 <sup>(96)</sup>	26.5	24.4 <sup>(96)</sup>	24.3	23.2	83		92.5 <sup>(96)</sup>			
Tai Po Kau	090 <sup>(98)</sup>	2.4 <sup>(98)</sup>	30.2	26.9	24.6	24.3	23.1	81					
Tuen Mun	170 <sup>(97)</sup>	2.3 <sup>(97)</sup>	30.2 <sup>(96)</sup>	27.2	25.0 <sup>(96)</sup>	23.8	22.2	75					
Sai Kung	180 <sup>(98)</sup>	2.8 <sup>(98)</sup>	29.2	26.6	24.6	24.2	23.1	82					
Wong Chuk Hang	110 <sup>(97)</sup>	2.1 <sup>(96)</sup>	29.0	26.6	24.6	24.7	23.8	85					
Tai Mo Shan	200 <sup>(97)</sup>	5.8 <sup>(97)</sup>											
Tate's Cairn	100 <sup>(97)</sup>	5.0 <sup>(97)</sup>											
Ching Pak House	180 <sup>(77)</sup>	3.6 <sup>(78)</sup>											
Shell	150 <sup>(78)</sup>	2.6 <sup>(78)</sup>											
Cheung Sha Wan	210 <sup>(23)</sup>	2.6 <sup>(44)</sup>											
Star Ferry, Kowloon	100 <sup>(97)</sup>	2.8 <sup>(97)</sup>											
Green Island	200 <sup>(70)</sup>	5.3 <sup>(70)</sup>											
Central	090 <sup>(99)</sup>	2.4 <sup>(99)</sup>											
Central Plaza	070 <sup>(96)</sup>	4.2 <sup>(96)</sup>											

For automatic weather stations, the percentage of data available for computation, when less than 99.5, is given in brackets next to the monthly value.

- means data not available

Table 13. Monthly Values of Meteorological Elements in June 1994

Station	Wind		Air Temperature			Wet Bulb	Dew Point	Relative Humidity	Pressure	Rainfall	Cloud Amount	Sunshine	Solar Radiation
	Prevailing Direction	Mean Speed	Mean Maximum	Mean	Minimum								
	degrees	m/s	°C	°C	°C	Mean °C	Mean °C	Mean %	Mean hPa	Total mm	Mean %	Total Duration hours	Mean MJ/m <sup>2</sup>
King's Park	120	2.7	29.7	27.4	25.7	25.1	24.0	82	1005.9	248.4		107.8	11.92
Royal Observatory	090	4.1	30.0	28.0	26.5	25.6	24.5	82	1005.8	290.2	80		
HKIA	080	4.8	31.0	28.5	26.4	25.5	24.2	78	1005.9	295.0	79		
Ta Kwu Ling	110 <sup>(87)</sup>	2.3 <sup>(87)</sup>	30.7 <sup>(89)</sup>	27.7 <sup>(89)</sup>	25.3 <sup>(86)</sup>	25.5 <sup>(89)</sup>	24.6 <sup>(89)</sup>	84 <sup>(89)</sup>	1005.6 <sup>(89)</sup>	369.5 <sup>(89)</sup>			
Lau Fau Shan	140 <sup>(86)</sup>	4.1 <sup>(86)</sup>	29.9 <sup>(89)</sup>	27.1 <sup>(89)</sup>	25.0 <sup>(86)</sup>	25.1 <sup>(89)</sup>	24.2 <sup>(89)</sup>	85 <sup>(89)</sup>	1005.6 <sup>(89)</sup>	278.0 <sup>(89)</sup>			
Sha Tin	210 <sup>(85)</sup>	2.6 <sup>(86)</sup>	29.4 <sup>(89)</sup>	27.4 <sup>(89)</sup>	25.6 <sup>(88)</sup>	25.0 <sup>(89)</sup>	24.0 <sup>(89)</sup>	82 <sup>(89)</sup>	1006.2 <sup>(89)</sup>	342.0 <sup>(89)</sup>			
Cheung Chau	190 <sup>(86)</sup>	5.8 <sup>(86)</sup>	30.2 <sup>(89)</sup>	27.4 <sup>(89)</sup>	25.7 <sup>(89)</sup>	25.9 <sup>(89)</sup>	25.2 <sup>(89)</sup>	89 <sup>(89)</sup>	1005.7 <sup>(87)</sup>	118.0 <sup>(89)</sup>			
Waglan Island	190 <sup>(83)</sup>	8.3 <sup>(83)</sup>	28.7 <sup>(89)</sup>	26.4 <sup>(89)</sup>	25.0 <sup>(86)</sup>	24.6 <sup>(89)</sup>	23.8 <sup>(89)</sup>	86 <sup>(89)</sup>	1006.2 <sup>(89)</sup>	115.5 <sup>(86)</sup>			
Ping Chau	080 <sup>(84)</sup>	3.0 <sup>(84)</sup>	29.6 <sup>(83)</sup>	27.1 <sup>(80)</sup>	25.4 <sup>(83)</sup>	25.5 <sup>(80)</sup>	24.8 <sup>(80)</sup>	88 <sup>(80)</sup>		201.5 <sup>(84)</sup>			
Tai Mei Tuk	160 <sup>(18)</sup>	3.7 <sup>(18)</sup>	29.3 <sup>(86)</sup>	26.7 <sup>(89)</sup>	24.9 <sup>(86)</sup>	25.3 <sup>(89)</sup>	24.7 <sup>(89)</sup>	89 <sup>(89)</sup>		374.0 <sup>(86)</sup>			
Tap Mun	120 <sup>(85)</sup>	4.3 <sup>(86)</sup>	29.7 <sup>(83)</sup>	27.5 <sup>(79)</sup>	25.7 <sup>(83)</sup>	25.6 <sup>(79)</sup>	24.8 <sup>(79)</sup>	86 <sup>(79)</sup>		184.0 <sup>(83)</sup>			
Tseung Kwan O	200 <sup>(80)</sup>	3.2 <sup>(80)</sup>	28.5 <sup>(82)</sup>	27.1 <sup>(83)</sup>	26.0 <sup>(82)</sup>	25.3 <sup>(83)</sup>	24.5 <sup>(83)</sup>	86 <sup>(83)</sup>		378.0 <sup>(84)</sup>			
Sha Lo Wan	220 <sup>(86)</sup>	5.2 <sup>(86)</sup>	29.6 <sup>(89)</sup>	27.3 <sup>(89)</sup>	25.4 <sup>(89)</sup>	25.5 <sup>(81)</sup>	24.3 <sup>(81)</sup>	79 <sup>(81)</sup>		287.5 <sup>(89)</sup>			
Kat O			29.3 <sup>(85)</sup>	27.3 <sup>(89)</sup>	25.6 <sup>(85)</sup>	25.4 <sup>(89)</sup>	24.6 <sup>(89)</sup>	86 <sup>(89)</sup>		566.5 <sup>(85)</sup>			
Tai Po Kau	130 <sup>(87)</sup>	2.9 <sup>(87)</sup>	29.6 <sup>(89)</sup>	27.4 <sup>(89)</sup>	25.6 <sup>(89)</sup>	25.7 <sup>(89)</sup>	25.0 <sup>(89)</sup>	87 <sup>(89)</sup>					
Tuen Mun	170 <sup>(86)</sup>	2.8 <sup>(86)</sup>	29.7 <sup>(89)</sup>	27.6 <sup>(89)</sup>	25.7 <sup>(89)</sup>	24.6 <sup>(76)</sup>	23.3 <sup>(76)</sup>	79 <sup>(76)</sup>					
Sai Kung	180 <sup>(87)</sup>	4.4 <sup>(87)</sup>	29.2 <sup>(89)</sup>	27.5 <sup>(89)</sup>	26.0 <sup>(86)</sup>	25.6 <sup>(89)</sup>	24.8 <sup>(89)</sup>	86 <sup>(89)</sup>					
Wong Chuk Hang	080 <sup>(86)</sup>	3.1 <sup>(86)</sup>	28.9 <sup>(89)</sup>	27.4 <sup>(89)</sup>	26.0 <sup>(89)</sup>	25.7 <sup>(89)</sup>	25.1 <sup>(89)</sup>	88 <sup>(89)</sup>					
Tai Mo Shan	200 <sup>(82)</sup>	11.4 <sup>(82)</sup>											
Tate's Cairn	180 <sup>(81)</sup>	7.3 <sup>(81)</sup>											
Ching Pak House	170 <sup>(85)</sup>	5.8 <sup>(87)</sup>											
Shell	150 <sup>(80)</sup>	3.7 <sup>(80)</sup>											
Cheung Sha Wan	210 <sup>(89)</sup>	3.3 <sup>(83)</sup>											
Star Ferry, Kowloon	100 <sup>(84)</sup>	3.9 <sup>(84)</sup>											
Green Island	200 <sup>(73)</sup>	6.8 <sup>(73)</sup>											
Central	100 <sup>(84)</sup>	3.3 <sup>(84)</sup>											
Central Plaza	180 <sup>(86)</sup>	7.2 <sup>(86)</sup>											

For automatic weather stations, the percentage of data available for computation, when less than 99.5, is given in brackets next to the monthly value.

Table 14. Monthly Values of Meteorological Elements in July 1994

Station	Wind		Air Temperature			Wet Bulb	Dew Point	Relative Humidity	Pressure	Rainfall		Cloud Amount	Sunshine	Solar Radiation
	Prevailing Direction	Mean Speed	Mean Maximum	Mean	Minimum					Total	Mean			
	degrees	m/s	°C	°C	°C	°C	hPa	mm	%	hours	Mean MJ/m <sup>2</sup>			
King's Park	120	2.4	30.4	27.5	25.2	25.6	24.8	86	1003.2	1086.5	136.4	13.28		
Royal Observatory	090	3.6	30.4	27.9	25.8	26.1	25.3	86	1003.1	1147.2	78			
HKIA	110	4.2	31.6	28.6	25.7	25.9	24.8	80	1003.1	1032.5	77			
Ta Kwu Ling	110 <sup>(76)</sup>	2.4 <sup>(76)</sup>	31.6 <sup>(77)</sup>	28.3 <sup>(77)</sup>	25.5 <sup>(77)</sup>	26.2 <sup>(77)</sup>	25.3 <sup>(77)</sup>	85 <sup>(77)</sup>	1003.3 <sup>(65)</sup>	392.5 <sup>(77)</sup>				
Lau Fau Shan	080 <sup>(61)</sup>	3.6 <sup>(61)</sup>	30.4 <sup>(64)</sup>	27.4 <sup>(64)</sup>	25.0 <sup>(64)</sup>	25.6 <sup>(64)</sup>	24.9 <sup>(64)</sup>	87 <sup>(64)</sup>	1002.9 <sup>(64)</sup>	774.5 <sup>(64)</sup>				
Sha Tin	080 <sup>(76)</sup>	1.9 <sup>(76)</sup>	30.3 <sup>(60)</sup>	27.9 <sup>(61)</sup>	25.5 <sup>(60)</sup>	25.6 <sup>(61)</sup>	24.6 <sup>(61)</sup>	83 <sup>(61)</sup>	1002.9 <sup>(61)</sup>	809.5 <sup>(60)</sup>				
Cheung Chau	110 <sup>(40)</sup>	5.8 <sup>(55)</sup>	30.0 <sup>(56)</sup>	27.6 <sup>(57)</sup>	25.2 <sup>(56)</sup>	26.2 <sup>(57)</sup>	25.6 <sup>(57)</sup>	89 <sup>(57)</sup>	1003.2 <sup>(56)</sup>	203.5 <sup>(56)</sup>				
Waglan Island	110 <sup>(64)</sup>	6.5 <sup>(64)</sup>	29.3 <sup>(67)</sup>	26.9 <sup>(68)</sup>	24.7 <sup>(67)</sup>	25.2 <sup>(68)</sup>	24.4 <sup>(68)</sup>	87 <sup>(68)</sup>	1003.6 <sup>(61)</sup>	141.0 <sup>(67)</sup>				
Ping Chau	100 <sup>(72)</sup>	2.5 <sup>(72)</sup>	30.1 <sup>(71)</sup>	27.3 <sup>(69)</sup>	25.2 <sup>(71)</sup>	26.0 <sup>(69)</sup>	25.5 <sup>(69)</sup>	91 <sup>(69)</sup>		519.0 <sup>(72)</sup>				
Tai Mei Tuk	090 <sup>(15)</sup>	5.2 <sup>(15)</sup>	30.4 <sup>(67)</sup>	27.2 <sup>(65)</sup>	24.9 <sup>(67)</sup>	26.0 <sup>(65)</sup>	25.5 <sup>(65)</sup>	91 <sup>(65)</sup>		918.0 <sup>(67)</sup>				
Tap Mun	120 <sup>(60)</sup>	4.2 <sup>(60)</sup>	30.6 <sup>(68)</sup>	27.6 <sup>(67)</sup>	25.3 <sup>(68)</sup>	26.1 <sup>(67)</sup>	25.6 <sup>(67)</sup>	89 <sup>(67)</sup>		728.0 <sup>(68)</sup>				
Tseung Kwan O	160 <sup>(66)</sup>	2.3 <sup>(66)</sup>	29.0 <sup>(69)</sup>	27.4 <sup>(66)</sup>	25.6 <sup>(69)</sup>	26.0 <sup>(68)</sup>	25.4 <sup>(68)</sup>	89 <sup>(68)</sup>		1087.5 <sup>(69)</sup>				
Sha Lo Wan	130 <sup>(67)</sup>	4.3 <sup>(67)</sup>	31.0 <sup>(68)</sup>	28.1 <sup>(69)</sup>	25.2 <sup>(68)</sup>	25.6 <sup>(68)</sup>	24.5 <sup>(68)</sup>	81 <sup>(68)</sup>		512.5 <sup>(69)</sup>				
Kat O			30.4 <sup>(65)</sup>	28.2 <sup>(71)</sup>	25.8 <sup>(65)</sup>	26.2 <sup>(71)</sup>	25.4 <sup>(71)</sup>	85 <sup>(71)</sup>		340.0 <sup>(65)</sup>				
Tai Po Kau	120 <sup>(64)</sup>	3.1 <sup>(64)</sup>	30.0 <sup>(66)</sup>	27.6 <sup>(66)</sup>	25.3 <sup>(66)</sup>	26.2 <sup>(66)</sup>	25.6 <sup>(66)</sup>	90 <sup>(66)</sup>						
Tuen Mun	150 <sup>(65)</sup>	2.6 <sup>(66)</sup>	30.5 <sup>(63)</sup>	27.8 <sup>(64)</sup>	25.3 <sup>(63)</sup>	25.2 <sup>(64)</sup>	24.0 <sup>(64)</sup>	80 <sup>(64)</sup>						
Sai Kung	160 <sup>(62)</sup>	3.2 <sup>(62)</sup>	29.9 <sup>(66)</sup>	27.7	25.5 <sup>(66)</sup>	26.0	25.3	87						
Wong Chuk Hang	090 <sup>(67)</sup>	2.6 <sup>(67)</sup>	29.4	27.4	25.3	25.9	25.4	89						
Tai Mo Shan	110 <sup>(44)</sup>	10.1 <sup>(44)</sup>												
Tate's Cairn	120 <sup>(65)</sup>	6.3 <sup>(65)</sup>												
Ching Pak House	130 <sup>(62)</sup>	5.1 <sup>(65)</sup>												
Shell	110 <sup>(70)</sup>	3.7 <sup>(70)</sup>												
Cheung Sha Wan	090 <sup>(61)</sup>	2.5 <sup>(61)</sup>												
Star Ferry, Kowloon	100 <sup>(66)</sup>	3.6 <sup>(66)</sup>												
Green Island	080 <sup>(35)</sup>	6.5 <sup>(35)</sup>												
Central	100 <sup>(63)</sup>	2.8 <sup>(63)</sup>												
Central Plaza	120 <sup>(61)</sup>	5.9 <sup>(62)</sup>												

For automatic weather stations, the percentage of data available for computation, when less than 99.5, is given in brackets next to the monthly value.

Table 15. Monthly Values of Meteorological Elements in August 1994

Station	Wind		Air Temperature			Wet Bulb	Dew Point	Relative Humidity		Pressure	Rainfall		Cloud Amount		Sunshine Total Duration hours	Solar Radiation Mean MJ/m <sup>2</sup>
	Prevailing Direction	Mean Speed	Maximum	Mean	Minimum			Mean	Mean		Mean	Total	Mean	Mean		
	degrees	m/s	°C	°C	°C	°C	°C	%	hPa	mm	%	%				
King's Park	120	1.8	30.3	27.5	25.1	25.3	24.3	83	1005.6	574.9		138.8	12.63			
Royal Observatory	250	3.3	30.4	27.9	25.7	25.7	24.8	84	1005.4	597.6	78					
HKIA	250	3.5	31.6	28.6	26.0	25.7	24.5	79	1005.5	558.0	76					
Ta Kwu Ling	110 <sup>(45)</sup>	2.2 <sup>(45)</sup>	32.6 <sup>(46)</sup>	28.2 <sup>(46)</sup>	25.0 <sup>(46)</sup>	25.8 <sup>(46)</sup>	24.8 <sup>(46)</sup>	83 <sup>(46)</sup>	1006.7 <sup>(46)</sup>	125.0 <sup>(46)</sup>						
Lau Fau Shan	070 <sup>(80)</sup>	3.5 <sup>(80)</sup>	30.3 <sup>(80)</sup>	27.3 <sup>(81)</sup>	24.8 <sup>(80)</sup>	25.7 <sup>(81)</sup>	25.0 <sup>(81)</sup>	88 <sup>(81)</sup>	1005.2 <sup>(81)</sup>	442.0 <sup>(80)</sup>						
Sha Tin	210 <sup>(86)</sup>	1.9 <sup>(86)</sup>	30.8	27.7	25.1	25.6	24.7	85	1005.9	695.0						
Cheung Chau	110 <sup>(22)</sup>	6.1 <sup>(22)</sup>	29.1 <sup>(70)</sup>	26.5 <sup>(75)</sup>	24.7 <sup>(70)</sup>	25.4 <sup>(75)</sup>	25.0 <sup>(75)</sup>	92 <sup>(75)</sup>	-	377.0 <sup>(79)</sup>						
Waglan Island	240 <sup>(77)</sup>	5.1 <sup>(77)</sup>	28.9 <sup>(82)</sup>	26.2 <sup>(82)</sup>	24.2 <sup>(82)</sup>	24.7 <sup>(82)</sup>	24.1 <sup>(82)</sup>	89 <sup>(82)</sup>	1005.1 <sup>(81)</sup>	381.5 <sup>(82)</sup>						
Ping Chau	080 <sup>(86)</sup>	1.8 <sup>(86)</sup>	30.2 <sup>(85)</sup>	26.8 <sup>(87)</sup>	24.5 <sup>(85)</sup>	25.7 <sup>(87)</sup>	25.2 <sup>(87)</sup>	92 <sup>(87)</sup>		380.5 <sup>(86)</sup>						
Tai Mei Tuk	270 <sup>(26)</sup>	3.1 <sup>(26)</sup>	31.1 <sup>(78)</sup>	27.2 <sup>(88)</sup>	24.7 <sup>(78)</sup>	25.8 <sup>(88)</sup>	25.2 <sup>(88)</sup>	90 <sup>(88)</sup>		420.5 <sup>(78)</sup>						
Tap Mun	110 <sup>(86)</sup>	2.1 <sup>(86)</sup>	30.6 <sup>(88)</sup>	27.0 <sup>(90)</sup>	24.6 <sup>(88)</sup>	25.8 <sup>(88)</sup>	25.3 <sup>(88)</sup>	91 <sup>(88)</sup>		426.0 <sup>(88)</sup>						
Tseung Kwan O	210 <sup>(86)</sup>	2.1 <sup>(86)</sup>	29.2	27.2	25.6	25.6	24.9	88		703.5 <sup>(89)</sup>						
Sha Lo Wan	230 <sup>(79)</sup>	3.6 <sup>(79)</sup>	30.1 <sup>(82)</sup>	27.3 <sup>(83)</sup>	24.5 <sup>(82)</sup>	25.0 <sup>(83)</sup>	24.1 <sup>(83)</sup>	83 <sup>(83)</sup>		627.5 <sup>(82)</sup>						
Kat O			29.4 <sup>(83)</sup>	27.0 <sup>(83)</sup>	24.9 <sup>(83)</sup>	25.6 <sup>(83)</sup>	25.1 <sup>(83)</sup>	90 <sup>(83)</sup>		466.5 <sup>(83)</sup>						
Tai Po Kau	090 <sup>(84)</sup>	2.4 <sup>(84)</sup>	30.4 <sup>(88)</sup>	27.3 <sup>(89)</sup>	24.8 <sup>(88)</sup>	25.6 <sup>(89)</sup>	25.0 <sup>(89)</sup>	88 <sup>(89)</sup>								
Tuen Mun	170 <sup>(87)</sup>	2.0 <sup>(87)</sup>	30.6 <sup>(81)</sup>	27.6 <sup>(82)</sup>	24.6 <sup>(81)</sup>	25.0 <sup>(82)</sup>	23.9 <sup>(82)</sup>	81 <sup>(82)</sup>								
Sai Kung	030 <sup>(86)</sup>	2.4 <sup>(86)</sup>	30.0	27.5	25.2	25.7	25.0	87								
Wong Chuk Hang	080 <sup>(85)</sup>	2.1 <sup>(85)</sup>	29.4	27.3	25.2	25.8	25.1	88								
Tai Mo Shan	100 <sup>(47)</sup>	7.4 <sup>(47)</sup>														
Tate's Cairn	190 <sup>(67)</sup>	5.8 <sup>(67)</sup>														
Ching Pak House	180 <sup>(88)</sup>	3.8 <sup>(88)</sup>														
Shell	110 <sup>(88)</sup>	2.5 <sup>(88)</sup>														
Cheung Sha Wan	210 <sup>(90)</sup>	2.3 <sup>(90)</sup>														
Star Ferry, Kowloon	100 <sup>(88)</sup>	3.3 <sup>(88)</sup>														
Green Island	-	-														
Central	100 <sup>(88)</sup>	2.6 <sup>(88)</sup>														
Central Plaza	210 <sup>(83)</sup>	6.1 <sup>(83)</sup>														

For automatic weather stations, the percentage of data available for computation, when less than 99.5, is given in brackets next to the monthly value.

- means data not available

**Table 16. Monthly Values of Meteorological Elements in September 1994**

Station	Wind		Air Temperature			Wet Bulb		Dew Point		Relative Humidity		Pressure		Rainfall		Cloud Amount		Sunshine		Solar Radiation	
	Prevailing Direction	Mean Speed	Maximum	Mean	Minimum	Mean	Mean	Mean	Mean	Mean	Mean	Total	Total	Mean	Mean	Total	Mean	Total	Mean	Mean	
																					degrees
King's Park	120	2.0	29.8	26.7	24.8	24.4	24.4	23.3	82	1009.9	290.8	124.8	12.10								
Royal Observatory	080	3.6	29.2	27.1	25.4	24.9	23.9	83	1009.7	298.9	73										
HKIA	090	3.8	30.9	28.0	25.5	24.6	23.1	75	1009.8	217.5	76										
Ta Kwu Ling	110 <sup>(84)</sup>	1.9 <sup>(84)</sup>	30.6 <sup>(85)</sup>	27.0 <sup>(86)</sup>	24.4 <sup>(85)</sup>	24.6 <sup>(86)</sup>	23.6 <sup>(86)</sup>	82 <sup>(86)</sup>	1009.6 <sup>(86)</sup>	200.0 <sup>(86)</sup>											
Lau Fau Shan	070 <sup>(87)</sup>	3.1 <sup>(87)</sup>	29.9	26.7	24.3	24.9	24.1	86	1009.7 <sup>(88)</sup>	144.5											
Sha Tin	080 <sup>(88)</sup>	1.7 <sup>(88)</sup>	29.8	27.0	24.7	24.4	23.3	81	1010.3	249.0											
Cheung Chau	110 <sup>(87)</sup>	4.6 <sup>(87)</sup>	29.4	26.3	24.3	24.6	23.9	87	1012.6 <sup>(15)</sup>	159.5											
Waglan Island	080 <sup>(83)</sup>	6.3 <sup>(83)</sup>	29.1 <sup>(89)</sup>	25.9 <sup>(89)</sup>	24.2 <sup>(89)</sup>	23.7 <sup>(88)</sup>	22.6 <sup>(89)</sup>	83 <sup>(89)</sup>	1010.4 <sup>(88)</sup>	61.5 <sup>(89)</sup>											
Ping Chau	080 <sup>(47)</sup>	2.0 <sup>(47)</sup>	29.7 <sup>(46)</sup>	26.3 <sup>(89)</sup>	24.3 <sup>(46)</sup>	24.8 <sup>(89)</sup>	24.1 <sup>(89)</sup>	88 <sup>(89)</sup>		144.0 <sup>(47)</sup>											
Tai Mei Tuk	050 <sup>(89)</sup>	3.2 <sup>(89)</sup>	31.0 <sup>(74)</sup>	26.6	24.3 <sup>(74)</sup>	24.9	24.2	88		230.5 <sup>(74)</sup>											
Tap Mun	110 <sup>(48)</sup>	3.4 <sup>(48)</sup>	30.0 <sup>(48)</sup>	26.8	24.7 <sup>(48)</sup>	24.8	23.9	85		103.0 <sup>(48)</sup>											
Tseung Kwan O	110 <sup>(88)</sup>	2.2 <sup>(88)</sup>	28.1	26.5	25.1	24.6	23.7	85		243.5 <sup>(89)</sup>											
Sha Lo Wan	090 <sup>(74)</sup>	3.8 <sup>(74)</sup>	29.3 <sup>(76)</sup>	26.7 <sup>(76)</sup>	24.6 <sup>(76)</sup>	24.2 <sup>(76)</sup>	23.1 <sup>(76)</sup>	81 <sup>(76)</sup>		218.0 <sup>(76)</sup>											
Kat O	090 <sup>(82)</sup>	28.9 <sup>(82)</sup>	26.7 <sup>(84)</sup>	24.9 <sup>(82)</sup>	24.8 <sup>(84)</sup>	24.8 <sup>(84)</sup>	23.9 <sup>(84)</sup>	85 <sup>(84)</sup>		118.0 <sup>(84)</sup>											
Tai Po Kau	090 <sup>(88)</sup>	2.8 <sup>(88)</sup>	29.7	26.9	24.7	25.0	24.2	86													
Tuen Mun	030 <sup>(87)</sup>	2.1 <sup>(87)</sup>	29.8	27.0	24.6	24.0	22.6	77													
Sai Kung	080 <sup>(88)</sup>	3.0 <sup>(88)</sup>	29.0	26.9	25.1	24.7	23.7	83													
Wong Chuk Hang	080 <sup>(88)</sup>	2.6 <sup>(88)</sup>	28.7	26.6	24.6	24.7	23.8	85													
Tai Mo Shan	090 <sup>(88)</sup>	6.7 <sup>(88)</sup>																			
Tate's Cairn	100 <sup>(85)</sup>	5.8 <sup>(85)</sup>																			
Ching Pak House	130 <sup>(86)</sup>	3.9 <sup>(86)</sup>																			
Shell	100 <sup>(86)</sup>	2.7 <sup>(86)</sup>																			
Cheung Sha Wan	090 <sup>(86)</sup>	2.5 <sup>(86)</sup>																			
Star Ferry, Kowloon	100 <sup>(85)</sup>	3.3 <sup>(85)</sup>																			
Green Island	080 <sup>(25)</sup>	4.8 <sup>(25)</sup>																			
Central	090 <sup>(85)</sup>	3.0 <sup>(85)</sup>																			
Central Plaza	070 <sup>(88)</sup>	4.9 <sup>(88)</sup>																			

For automatic weather stations, the percentage of data available for computation, when less than 99.5, is given in brackets next to the monthly value.

Table 17. Monthly Values of Meteorological Elements in October 1994

Station	Wind		Air Temperature			Wet Bulb	Dew Point	Relative Humidity	Pressure	Rainfall	Cloud Amount	Sunshine	Solar Radiation
	Prevaling Direction	Mean Speed	Maximum	Mean	Minimum								
	degrees	m/s	°C	°C	°C	Mean °C	Mean °C	Mean %	Mean hPa	Total mm	Mean %	Total Duration hours	Mean MJ/m <sup>2</sup>
King's Park	120	2.4	28.3	24.6	22.1	20.2	17.2	65	1015.7	5.5		267.7	16.75
Royal Observatory	080	3.6	27.5	24.9	22.9	20.8	18.1	67	1015.5	2.2	36		
HKIA	090	3.8	29.5	25.8	22.9	20.5	16.9	60	1015.6	4.5	38		
Ta Kwu Ling	110 <sup>(98)</sup>	2.4 <sup>(98)</sup>	28.8	23.7	19.6	20.1	17.8	72	1014.3 <sup>(98)</sup>	4.0			
Lau Fau Shan	080 <sup>(98)</sup>	3.6 <sup>(98)</sup>	27.9	24.1	20.9	20.3	17.8	69	1015.8 <sup>(92)</sup>	3.0			
Sha Tin	090 <sup>(98)</sup>	2.0 <sup>(98)</sup>	28.0	24.2	21.1	20.0	17.0	66	1015.8	2.5			
Cheung Chau	100 <sup>(98)</sup>	5.3 <sup>(98)</sup>	28.6	24.2	21.5	20.4	17.7	69	1015.5	.0			
Waglan Island	090 <sup>(41)</sup>	5.5 <sup>(41)</sup>	27.8 <sup>(95)</sup>	23.6 <sup>(98)</sup>	21.4 <sup>(95)</sup>	19.4 <sup>(98)</sup>	16.5 <sup>(98)</sup>	66 <sup>(98)</sup>	1015.5 <sup>(98)</sup>	5.5 <sup>(95)</sup>			
Ping Chau	350 <sup>(9)</sup>	1.1 <sup>(9)</sup>	28.1 <sup>(9)</sup>	22.2 <sup>(21)</sup>	18.4 <sup>(9)</sup>	18.3 <sup>(21)</sup>	15.7 <sup>(21)</sup>	69 <sup>(21)</sup>		.0 <sup>(10)</sup>			
Tai Mei Tuk	040 <sup>(98)</sup>	4.2 <sup>(98)</sup>	28.8 <sup>(98)</sup>	24.2	21.1 <sup>(98)</sup>	21.4 <sup>(94)</sup>	19.2 <sup>(94)</sup>	73 <sup>(94)</sup>		1.5 <sup>(95)</sup>			
Tap Mun	120 <sup>(19)</sup>	3.1 <sup>(19)</sup>	28.6 <sup>(20)</sup>	24.5 <sup>(42)</sup>	21.5 <sup>(20)</sup>	21.2 <sup>(42)</sup>	19.4 <sup>(42)</sup>	75 <sup>(42)</sup>		.0 <sup>(20)</sup>			
Tseung Kwan O	010 <sup>(98)</sup>	3.1 <sup>(98)</sup>	26.1	24.0	22.2	20.1	17.2	68		5.5			
Sha Lo Wan	090 <sup>(98)</sup>	3.8 <sup>(98)</sup>	27.6	24.4	21.7	20.0	17.0	65		2.0			
Kat O			27.2 <sup>(98)</sup>	24.3 <sup>(98)</sup>	22.0 <sup>(98)</sup>	20.6 <sup>(98)</sup>	18.1 <sup>(98)</sup>	70 <sup>(98)</sup>		.0 <sup>(91)</sup>			
Tai Po Kau	090 <sup>(98)</sup>	2.8 <sup>(98)</sup>	28.0	24.5	21.6	20.8	18.4	71					
Tuen Mun	030 <sup>(98)</sup>	2.8 <sup>(98)</sup>	27.7	24.6	21.8	19.7	16.3	61					
Sai Kung	010 <sup>(98)</sup>	3.8 <sup>(98)</sup>	26.6	24.1	21.9	20.2	17.5	69					
Wong Chuk Hang	080 <sup>(98)</sup>	2.6 <sup>(98)</sup>	27.4	24.2	21.4	20.6	18.3	71					
Tai Mo Shan	100 <sup>(98)</sup>	7.4 <sup>(98)</sup>											
Tate's Cairn	100 <sup>(98)</sup>	7.0 <sup>(98)</sup>											
Ching Pak House	090 <sup>(98)</sup>	4.2 <sup>(98)</sup>											
Shell	100	2.8											
Cheung Sha Wan	010 <sup>(98)</sup>	3.1 <sup>(98)</sup>											
Star Ferry, Kowloon	100 <sup>(98)</sup>	2.9 <sup>(98)</sup>											
Green Island	080 <sup>(98)</sup>	5.6 <sup>(98)</sup>											
Central	090 <sup>(98)</sup>	2.9 <sup>(98)</sup>											
Central Plaza	080 <sup>(98)</sup>	4.9 <sup>(98)</sup>											

For automatic weather stations, the percentage of data available for computation, when less than 99.5, is given in brackets next to the monthly value.



Table 18. Monthly Values of Meteorological Elements in November 1994

Station	Wind		Air Temperature			Wet Bulb	Dew Point	Relative Humidity		Pressure	Rainfall		Cloud Amount		Sunshine		Solar Radiation
	Prevailing Direction	Mean Speed	Maximum	Mean	Minimum			Mean	Mean		Mean	Total	Mean	Mean	Total	Mean	
						degrees	m/s			°C							°C
King's Park	120	2.2	27.3	22.7	20.2	19.2	17.0	71	1019.6	0.5	41	224.8	14.01				
Royal Observatory	080	3.7	25.3	22.9	21.1	19.7	17.8	74	1019.5	0.2	41						
HKIA	090	4.2	27.6	23.6	20.9	19.3	16.6	66	1019.6	Trace	42						
Ta Kwu Ling	110 <sup>(95)</sup>	1.9 <sup>(95)</sup>	27.7	22.1	17.7	18.7	16.6	73	1018.1 <sup>(92)</sup>	.0							
Lau Fau Shan	080 <sup>(98)</sup>	3.1 <sup>(98)</sup>	26.5	22.3	18.9	19.3	17.5	75	1019.5	.0							
Sha Tin	080 <sup>(98)</sup>	1.7 <sup>(98)</sup>	26.2	22.1	18.9	19.0	17.0	74	1019.7	.0							
Cheung Chau	090 <sup>(98)</sup>	4.7 <sup>(98)</sup>	27.4	22.6	20.2	19.4	17.5	74	1019.4	.0							
Waglan Island	090 <sup>(26)</sup>	6.4 <sup>(26)</sup>	25.5 <sup>(96)</sup>	21.8	20.1 <sup>(96)</sup>	18.7	16.7	74	1019.4	.0 <sup>(96)</sup>							
Ping Chau	080 <sup>(99)</sup>	2.1 <sup>(99)</sup>	26.3 <sup>(99)</sup>	21.9 <sup>(95)</sup>	19.2 <sup>(98)</sup>	19.1 <sup>(95)</sup>	17.3 <sup>(95)</sup>	76 <sup>(95)</sup>		.5 <sup>(39)</sup>							
Tai Mei Tuk	050 <sup>(95)</sup>	3.5 <sup>(95)</sup>	27.8 <sup>(95)</sup>	22.3 <sup>(96)</sup>	19.4 <sup>(95)</sup>	19.4 <sup>(96)</sup>	17.7 <sup>(96)</sup>	77 <sup>(96)</sup>		.0 <sup>(95)</sup>							
Tap Mun	120 <sup>(41)</sup>	3.2 <sup>(41)</sup>	25.7 <sup>(41)</sup>	21.7 <sup>(95)</sup>	18.9 <sup>(41)</sup>	18.9 <sup>(95)</sup>	17.2 <sup>(95)</sup>	77 <sup>(95)</sup>		.0 <sup>(41)</sup>							
Tseung Kwan O	020 <sup>(95)</sup>	2.3 <sup>(95)</sup>	23.8	22.1	20.6	19.1	17.2	74		.0							
Sha Lo Wan	090 <sup>(94)</sup>	3.5 <sup>(94)</sup>	26.1 <sup>(95)</sup>	22.5 <sup>(95)</sup>	19.9 <sup>(95)</sup>	18.9 <sup>(95)</sup>	16.5 <sup>(95)</sup>	70 <sup>(95)</sup>		.0 <sup>(95)</sup>							
Kat O			25.1 <sup>(96)</sup>	22.1 <sup>(96)</sup>	20.0 <sup>(96)</sup>	19.2 <sup>(96)</sup>	17.5 <sup>(96)</sup>	76 <sup>(96)</sup>		.0 <sup>(96)</sup>							
Tai Po Kau	100 <sup>(99)</sup>	2.5 <sup>(99)</sup>	26.5	22.8	20.1	20.0	18.3	77									
Tuen Mun	030 <sup>(96)</sup>	2.0 <sup>(96)</sup>	26.1 <sup>(99)</sup>	22.7	19.7 <sup>(99)</sup>	18.7	16.2	68									
Sai Kung	080 <sup>(97)</sup>	2.8 <sup>(97)</sup>	24.4 <sup>(99)</sup>	21.9 <sup>(99)</sup>	19.8 <sup>(99)</sup>	19.2 <sup>(99)</sup>	17.5 <sup>(99)</sup>	77 <sup>(99)</sup>									
Wong Chuk Hang	080 <sup>(99)</sup>	2.9 <sup>(99)</sup>	25.5	22.5	19.8	19.5	17.7	75									
Tai Mo Shan	090 <sup>(97)</sup>	6.4 <sup>(97)</sup>															
Tate's Cairn	090 <sup>(96)</sup>	5.9 <sup>(96)</sup>															
Ching Pak House	090 <sup>(99)</sup>	3.8 <sup>(99)</sup>															
Shell	100 <sup>(99)</sup>	2.6 <sup>(99)</sup>															
Cheung Sha Wan	070 <sup>(99)</sup>	2.6 <sup>(99)</sup>															
Star Ferry, Kowloon	100 <sup>(97)</sup>	3.7 <sup>(98)</sup>															
Green Island	080 <sup>(96)</sup>	6.3 <sup>(96)</sup>															
Central	090 <sup>(98)</sup>	3.3 <sup>(98)</sup>															
Central Plaza	070 <sup>(95)</sup>	5.2 <sup>(95)</sup>															

For automatic weather stations, the percentage of data available for computation, when less than 99.5, is given in brackets next to the monthly value.

Table 19. Monthly Values of Meteorological Elements in December 1994

Station	Wind		Air Temperature		Wet Bulb	Dew Point	Relative Humidity	Pressure	Rainfall	Cloud Amount	Sunshine	Solar Radiation
	Prevailing Direction	Mean Speed	Maximum	Mean								
	degrees	m/s	°C	°C	°C	°C	%	hPa	mm	%	hours	MJ/m <sup>2</sup>
King's Park	120	2.0	22.4	19.5	17.5	17.1	78	1020.0	126.3		70.2	7.31
Royal Observatory	090	2.9	21.5	19.8	18.2	17.8	81	1019.8	122.6	82		
HKIA	090	3.2	23.3	20.5	18.2	17.5	74	1019.9	105.0	79		
Ta Kwu Ling	010 <sup>(87)</sup>	2.3 <sup>(87)</sup>	21.9 <sup>(88)</sup>	18.6	16.1 <sup>(88)</sup>	16.4	79	1020.1	171.5 <sup>(88)</sup>			
Lau Fau Shan	050 <sup>(88)</sup>	3.6 <sup>(88)</sup>	21.4 <sup>(88)</sup>	18.4	16.0 <sup>(88)</sup>	16.7	83	1020.3	162.5 <sup>(88)</sup>			
Sha Tin	040 <sup>(87)</sup>	2.0 <sup>(87)</sup>	21.6 <sup>(88)</sup>	19.0	17.0 <sup>(88)</sup>	16.8	79	1020.1	185.5 <sup>(88)</sup>			
Cheung Chau	360 <sup>(86)</sup>	5.0 <sup>(86)</sup>	22.0 <sup>(88)</sup>	19.1	17.1 <sup>(88)</sup>	17.1	81	1019.7	145.5 <sup>(88)</sup>			
Waglan Island	030 <sup>(89)</sup>	8.1 <sup>(89)</sup>	20.1 <sup>(89)</sup>	18.0 <sup>(89)</sup>	16.5 <sup>(89)</sup>	15.6 <sup>(89)</sup>	77 <sup>(86)</sup>	1021.6 <sup>(86)</sup>	12.0 <sup>(85)</sup>			
Ping Chau	350 <sup>(84)</sup>	1.9 <sup>(84)</sup>	21.3 <sup>(84)</sup>	17.8 <sup>(73)</sup>	15.5 <sup>(84)</sup>	15.8 <sup>(73)</sup>	81 <sup>(73)</sup>		26.5 <sup>(84)</sup>			
Tai Mei Tuk	060 <sup>(24)</sup>	4.0 <sup>(24)</sup>	21.9 <sup>(86)</sup>	18.6	16.4 <sup>(86)</sup>	17.0	84		249.0 <sup>(86)</sup>			
Tap Mun	350 <sup>(37)</sup>	3.7 <sup>(37)</sup>	20.6 <sup>(37)</sup>	17.4 <sup>(73)</sup>	15.3 <sup>(37)</sup>	15.5 <sup>(73)</sup>	81 <sup>(73)</sup>		33.0 <sup>(37)</sup>			
Tseung Kwan O	020 <sup>(47)</sup>	3.1 <sup>(47)</sup>	21.3 <sup>(84)</sup>	19.9 <sup>(84)</sup>	18.2 <sup>(84)</sup>	17.5 <sup>(84)</sup>	78 <sup>(84)</sup>		122.5 <sup>(84)</sup>			
Sha Lo Wan	050 <sup>(78)</sup>	3.3 <sup>(78)</sup>	20.7 <sup>(81)</sup>	18.2 <sup>(82)</sup>	16.1 <sup>(81)</sup>	16.5 <sup>(81)</sup>	83 <sup>(81)</sup>		189.0 <sup>(81)</sup>			
Kat O			20.5 <sup>(84)</sup>	18.5 <sup>(88)</sup>	16.6 <sup>(84)</sup>	16.8 <sup>(88)</sup>	84 <sup>(88)</sup>		235.0 <sup>(86)</sup>			
Tai Po Kau	270 <sup>(83)</sup>	2.7 <sup>(83)</sup>	21.8 <sup>(85)</sup>	19.3 <sup>(86)</sup>	17.4 <sup>(85)</sup>	17.8 <sup>(83)</sup>	85 <sup>(83)</sup>					
Tuen Mun	030 <sup>(87)</sup>	3.0 <sup>(87)</sup>	21.0 <sup>(83)</sup>	18.5 <sup>(83)</sup>	16.2 <sup>(83)</sup>	16.1 <sup>(83)</sup>	77 <sup>(83)</sup>					
Sai Kung	020 <sup>(86)</sup>	3.4 <sup>(86)</sup>	20.6 <sup>(88)</sup>	18.8	17.1 <sup>(88)</sup>	16.9	82					
Wong Chuk Hang	070 <sup>(84)</sup>	2.6 <sup>(84)</sup>	22.0 <sup>(88)</sup>	19.8 <sup>(88)</sup>	18.1 <sup>(88)</sup>	17.6 <sup>(88)</sup>	80 <sup>(88)</sup>					
Tai Mo Shan	090 <sup>(85)</sup>	7.4 <sup>(85)</sup>										
Tate's Cairn	090 <sup>(85)</sup>	6.6 <sup>(85)</sup>										
Ching Pak House	040 <sup>(83)</sup>	3.6 <sup>(84)</sup>										
Shell	100 <sup>(84)</sup>	2.6 <sup>(84)</sup>										
Cheung Sha Wan	020 <sup>(86)</sup>	2.5 <sup>(86)</sup>										
Star Ferry, Kowloon	100 <sup>(85)</sup>	2.7 <sup>(85)</sup>										
Green Island	080 <sup>(88)</sup>	5.9 <sup>(88)</sup>										
Central	090 <sup>(85)</sup>	2.7 <sup>(85)</sup>										
Central Plaza	060 <sup>(18)</sup>	7.4 <sup>(18)</sup>										

For automatic weather stations, the percentage of data available for computation, when less than 99.5, is given in brackets next to the monthly value.

**Table 20. Annual Values of Meteorological Elements in 1994**

Station	Wind		Air Temperature			Wet Bulb	Dew Point	Relative Humidity		Pressure	Rainfall		Cloud Amount		Sunshine	Solar Radiation
	Prevaling Direction	Mean Speed	Maximum	Mean	Minimum			Mean	Mean		Mean	Total	Mean	Mean		
	degrees	m/s	°C	°C	°C	°C	°C	%	hPa	mm	%	mm	hours	MJ/m <sup>2</sup>		
King's Park	120	2.2	26.4	23.2	21.0	20.6	18.9	78	1012.9	2488.4		1702.5	12.24			
Royal Observatory	090	3.5	25.9	23.6	21.7	21.1	19.6	79	1012.7	2725.6	69					
HKIA	090	3.9	27.5	24.2	21.7	20.9	18.9	73	1012.8	2383.0	68					
Ta Kwu Ling	110 <sup>(88)</sup>	2.3 <sup>(88)</sup>	27.3 <sup>(89)</sup>	23.2 <sup>(91)</sup>	20.0 <sup>(90)</sup>	20.6 <sup>(91)</sup>	19.1 <sup>(91)</sup>	79 <sup>(91)</sup>	1012.5 <sup>(90)</sup>	1424.5 <sup>(91)</sup>						
Lau Fau Shan	070 <sup>(94)</sup>	3.5 <sup>(94)</sup>	26.2 <sup>(96)</sup>	22.8 <sup>(98)</sup>	20.1 <sup>(96)</sup>	20.6 <sup>(96)</sup>	19.3 <sup>(96)</sup>	81 <sup>(98)</sup>	1012.9 <sup>(97)</sup>	2028.5 <sup>(98)</sup>						
Sha Tin	080 <sup>(95)</sup>	1.9 <sup>(95)</sup>	25.9 <sup>(97)</sup>	22.9 <sup>(99)</sup>	20.4 <sup>(97)</sup>	20.3 <sup>(96)</sup>	18.7 <sup>(98)</sup>	78 <sup>(98)</sup>	1013.1 <sup>(98)</sup>	2508.5 <sup>(97)</sup>						
Cheung Chau	090 <sup>(91)</sup>	4.9 <sup>(92)</sup>	26.7 <sup>(93)</sup>	23.1 <sup>(94)</sup>	20.8 <sup>(93)</sup>	21.1 <sup>(94)</sup>	19.9 <sup>(94)</sup>	83 <sup>(94)</sup>	1013.5 <sup>(78)</sup>	1204.5 <sup>(93)</sup>						
Waglan Island	080 <sup>(72)</sup>	6.6 <sup>(72)</sup>	25.0 <sup>(86)</sup>	22.1 <sup>(86)</sup>	20.3 <sup>(86)</sup>	19.9 <sup>(86)</sup>	18.5 <sup>(86)</sup>	81 <sup>(86)</sup>	1013.0 <sup>(85)</sup>	903.5 <sup>(85)</sup>						
Ping Chau	080 <sup>(86)</sup>	2.0 <sup>(86)</sup>	25.9 <sup>(86)</sup>	22.2 <sup>(86)</sup>	19.8 <sup>(86)</sup>	20.4 <sup>(86)</sup>	19.2 <sup>(86)</sup>	84 <sup>(86)</sup>		1505.5 <sup>(86)</sup>						
Tai Mei Tuk	050 <sup>(45)</sup>	3.6 <sup>(45)</sup>	26.6 <sup>(86)</sup>	22.6 <sup>(87)</sup>	20.2 <sup>(86)</sup>	20.8 <sup>(95)</sup>	19.6 <sup>(95)</sup>	83 <sup>(95)</sup>		2449.5 <sup>(86)</sup>						
Tap Mun	120 <sup>(96)</sup>	3.2 <sup>(96)</sup>	25.6 <sup>(98)</sup>	22.4 <sup>(87)</sup>	20.0 <sup>(90)</sup>	20.5 <sup>(87)</sup>	19.3 <sup>(87)</sup>	83 <sup>(87)</sup>		1645.5 <sup>(98)</sup>						
Tseung Kwan O	020 <sup>(90)</sup>	2.5 <sup>(90)</sup>	24.8 <sup>(95)</sup>	23.0 <sup>(95)</sup>	21.3 <sup>(95)</sup>	20.6 <sup>(95)</sup>	18.9 <sup>(95)</sup>	78 <sup>(95)</sup>		2647.5 <sup>(86)</sup>						
Sha Lo Wan	090 <sup>(88)</sup>	3.9 <sup>(88)</sup>	25.9 <sup>(91)</sup>	23.0 <sup>(91)</sup>	20.6 <sup>(91)</sup>	20.5 <sup>(84)</sup>	18.9 <sup>(84)</sup>	78 <sup>(84)</sup>		2054.5 <sup>(91)</sup>						
Kat O			25.2 <sup>(82)</sup>	22.8 <sup>(95)</sup>	20.7 <sup>(82)</sup>	20.7 <sup>(95)</sup>	19.5 <sup>(95)</sup>	82 <sup>(95)</sup>		1939.0 <sup>(82)</sup>						
Tai Po Kau	090 <sup>(86)</sup>	2.7 <sup>(86)</sup>	25.8 <sup>(88)</sup>	22.9 <sup>(89)</sup>	20.6 <sup>(88)</sup>	20.8 <sup>(98)</sup>	19.6 <sup>(98)</sup>	82 <sup>(98)</sup>								
Tuen Mun	170 <sup>(83)</sup>	2.4 <sup>(84)</sup>	26.0 <sup>(97)</sup>	23.1 <sup>(98)</sup>	20.6 <sup>(97)</sup>	20.1 <sup>(98)</sup>	18.2 <sup>(98)</sup>	75 <sup>(98)</sup>								
Sai Kung	020 <sup>(85)</sup>	3.0 <sup>(85)</sup>	24.9 <sup>(97)</sup>	22.7 <sup>(99)</sup>	20.8 <sup>(97)</sup>	20.6 <sup>(98)</sup>	19.3 <sup>(98)</sup>	82 <sup>(99)</sup>								
Wong Chuk Hang	080 <sup>(96)</sup>	2.5 <sup>(96)</sup>	25.6 <sup>(99)</sup>	23.2 <sup>(99)</sup>	21.0 <sup>(99)</sup>	21.1 <sup>(99)</sup>	19.8 <sup>(99)</sup>	82 <sup>(99)</sup>								
Tai Mo Shan	100 <sup>(85)</sup>	7.6 <sup>(86)</sup>														
Tate's Cairn	100 <sup>(87)</sup>	6.3 <sup>(87)</sup>														
Ching Pak House	130 <sup>(83)</sup>	4.0 <sup>(82)</sup>														
Shell	100 <sup>(83)</sup>	2.9 <sup>(83)</sup>														
Cheung Sha Wan	090 <sup>(72)</sup>	2.6 <sup>(76)</sup>														
Star Ferry, Kowloon	100 <sup>(91)</sup>	3.3 <sup>(91)</sup>														
Green Island	070 <sup>(71)</sup>	6.0 <sup>(71)</sup>														
Central	090 <sup>(92)</sup>	2.9 <sup>(92)</sup>														
Central Plaza	070 <sup>(81)</sup>	5.3 <sup>(81)</sup>														

For automatic weather stations, the percentage of data available for computation is given in brackets next to the annual value.

**Table 21. Monthly Values of Evaporation, Potential Evapotranspiration, Mean Grass Minimum Temperature and Soil Temperature in 1994**

Month	Station	Pan-water Temperature				Mean Daily Wind Movement	Total Evaporation	Total Potential Evapotranspiration	Mean Grass Minimum Temperature	Mean Soil Temperature													
		Mean Maximum	Mean	Mean Minimum	Mean					At depth of 0.05 m		At depth of 0.1 m		At depth of 0.2 m		At depth of 0.5 m		At depth of 1.0 m		At depth of 1.5 m		At depth of 3.0 m	
		°C	°C	°C	°C					07 hr	19 hr	07 hr	19 hr	07 hr	19 hr	07 hr	19 hr	07 hr	19 hr	07 hr	19 hr	07 hr	19 hr
Jan	KP RO	21.9	16.7	11.6	61.8	42.9	12.9	17.8	19.7	18.2	19.6	18.9	19.3	19.8	19.8	21.2	21.1	22.4	22.4	25.1	25.0		
Feb	KP RO	20.6	16.9	13.2	37.7	34.5	14.7	18.0 (19.2)	18.4	19.3	19.0	19.2	19.9	19.8	20.9	20.9	21.9	21.9	21.9	21.9	24.2	24.2	
Mar	KP RO	22.7	18.1	13.6	66.5	53.6	15.3	17.6	19.5	17.9	19.3	18.4	18.9	19.4	19.3	20.3	20.3	21.3	21.3	25.6	23.6		
Apr	KP RO	31.5	26.2	20.9	98.2	80.7	21.4	24.1	26.7	24.1	26.3	24.2	25.0	24.2	24.2	22.9	23.0	22.4	22.5	23.3	23.3		
May	KP RO	34.0	28.4	22.8	130.7	118.3	25.7	27.4	30.0	27.4	29.4	27.7	28.5	27.8	27.8	26.4	26.4	25.1	25.2	24.0	24.0		
Jun	KP RO	32.5	28.0	23.5	87.7	85.8	25.1	27.6	29.6	27.7	29.3	28.0	28.7	28.2	28.2	27.5	27.6	26.7	26.7	25.1	25.1		
Jul	KP RO	33.9	28.8	23.8	92.4	(29.0)	24.7	27.8	29.7	27.9	29.4	28.3	28.8	28.6	28.5	28.2	28.2	27.8	27.8	26.3	26.3		
Aug	KP RO	33.4	28.5	23.5	105.5	135.2	25.4	27.0	28.9	27.3	29.2	27.8	28.8	28.9	28.8	28.5	28.5	28.0	28.0	26.3	26.4		
Sep	KP RO	32.9	28.2	23.4	85.1	(67.1)	24.6	25.7	26.7	26.1	27.0	26.6	27.1	29.0	28.9	28.8	28.8	28.4	28.4	27.6	27.6		
Oct	KP RO	31.7	24.9	18.1	135.4	(48.8)	20.0	24.8	27.3	25.3	27.3	26.2	27.0	26.9	26.8	27.5	27.5	27.7	27.7	27.6	27.6		
Nov	KP RO	29.4	23.1	16.9	96.3	77.3	17.6	22.9	25.2	23.4	25.1	24.1	24.8	24.8	24.7	25.6	25.6	26.3	26.2	27.4	27.3		
Dec	KP RO	23.3	19.2	15.0	55.9	45.6	16.5	20.8	21.9	21.2	22.0	21.9	22.2	23.0	22.9	24.4	24.4	25.4	25.4	26.8	26.8		
Year	KP RO	40.8	29.0	23.9	1053.2	(818.8)	(11.9)	23.7	(22.5)	23.9	25.5	24.4	25.0	25.0	24.9	25.1	25.1	25.3	25.3	25.7	25.7		
							20.7	22.0	23.3	22.3	23.6	22.8	23.4	24.6	24.5	24.7	24.7	(8.5)	(11.7)	25.1	25.1		

Note : ( ) = Incomplete data

**Table 22. Monthly Sea Surface Temperature at North Point Fire Station  
and at Waglan Island in 1994**

Month	North Point Fire Station				Waglan Island			
	Mean at 07 hr	Mean at 14 hr	Maximum	Minimum	Maximum	Mean	Minimum	
	°C	°C	°C	°C	°C	°C	°C	°C
January	17.5	18.3	20.5	15.0	-	-	-	-
February	17.1	17.6	18.5	16.0	-	-	-	-
March	17.3	17.9	19.0	16.0	-	-	-	-
April	22.0	22.7	26.0	18.5	-	-	-	-
May	25.4	26.4	28.0	24.0	-	-	-	-
June	26.9	27.4	28.5	26.0	-	-	-	-
July	27.0	27.5	28.5	25.5	(29.3)	(27.7)	(25.8)	(25.8)
August	25.8	26.5	28.5	24.0	(29.9)	(29.2)	(28.0)	(28.0)
September	27.3	27.6	28.0	26.0	(29.1)	(27.9)	(26.9)	(26.9)
October	26.3	26.9	28.0	24.0	(28.1)	(26.7)	(24.4)	(24.4)
November	23.6	24.1	25.5	22.0	(24.7)	(23.7)	(23.1)	(23.1)
December	21.7	22.0	24.0	20.0	(23.3)	(22.2)	(20.6)	(20.6)

Figures in ( ) are computed from incomplete data set.  
- means data not available

**Table 23. Number of Days With Specified Rainfall Amounts, Number of Days with Lightning and Number of Days with Thunder Observed at the Royal Observatory in 1994**

Month	Number of days with rainfall greater than or equal to										Number of Days with Lightning	Number of Days with Thunder
	Trace	0.1 mm	1.0 mm	2.5 mm	5.0 mm	10.0 mm	25.0 mm	50.0 mm	100.0 mm			
January	5	-	-	-	-	-	-	-	-	-	-	-
February	22	12	5	5	3	2	-	-	-	-	1	1
March	23	8	4	2	1	1	-	-	-	-	-	-
April	13	5	2	-	-	-	-	-	-	-	4	2
May	17	11	8	6	6	5	3	1	-	-	10	5
June	28	22	16	11	9	8	4	1	-	-	3	3
July	27	26	26	24	20	18	13	6	3	-	19	11
August	26	22	22	18	18	16	9	3	1	-	19	15
September	23	20	17	15	11	8	4	2	-	-	4	3
October	8	3	1	-	-	-	-	-	-	-	-	-
November	5	1	-	-	-	-	-	-	-	-	-	-
December	17	13	6	5	4	3	1	1	-	-	-	-
Year	214	143	107	86	72	61	34	14	4	60	40	

- means no rainfall recorded or no lightning or thunder observed.

**Table 24. Monthly Percentage Frequency of Visibility below Specified Values Observed at the Royal Observatory in 1994**

Month	Percentage Frequency of Visibility below Specified Values											
	0.1 km	0.2 km	0.5 km	1.0 km	1.5 km	3.0 km	5.0 km	8.0 km	10.0 km	15.0 km	20.0 km	25.0 km
January	-	-	-	-	-	0.3	6.5	29.7	47.0	87.1	98.4	99.5
February	-	-	0.3	1.2	1.9	4.6	17.7	39.7	56.4	82.7	97.5	99.6
March	-	-	-	-	-	2.2	12.0	25.1	34.9	65.7	86.4	90.7
April	-	-	-	-	-	0.6	3.6	14.0	21.1	43.5	68.2	82.5
May	-	-	-	-	-	0.1	1.5	5.0	10.8	34.0	53.6	70.4
June	-	-	-	0.1	0.1	0.3	1.1	3.1	4.9	13.8	45.0	61.1
July	-	-	-	-	0.1	0.7	4.0	9.3	12.8	25.7	47.8	63.6
August	-	-	-	-	0.1	0.5	5.0	12.6	15.3	29.8	56.7	72.0
September	-	-	-	-	-	0.6	2.2	10.0	17.4	46.1	73.6	87.2
October	-	-	-	-	-	-	-	-	3.0	47.8	70.8	83.3
November	-	-	-	-	-	-	0.4	1.4	6.1	62.4	84.4	93.6
December	-	-	-	-	-	0.8	3.3	12.2	17.6	46.1	76.9	92.4
Year	-	-	*	0.1	0.2	0.9	4.7	13.4	20.4	48.5	71.4	82.9

- means no such occurrence.

\* means less than 0.1

Table 25. Monthly and Annual Rainfall Recorded at Manned Stations in 1994

Location	Ref. on Universal Transverse Mercator Grid	Height above Mean Sea Level	January	February	March	April	May	June	July	August	September	October	November	December	Year
		m	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
ABERDEEN LOWER RESERVOIR	KV 072638	85	NIL	(19.5)	(9.4)	3.2	(189.8)	(92.0)	(336.7)	(389.0)	(149.1)	2.2	NIL	87.9	(1278.8)
AIRPORT METEOROLOGICAL OFFICE	KV 104719	5	TRACE	38.3	14.3	11.4	110.7	306.6	987.2	518.5	218.5	4.6	TRACE	92.7	2302.8
AU TAU POND FISH FARM	JV 963858	5	NIL	46.2	27.3	94.4	161.5	339.1	925.9	793.9	126.0	1.0	NIL	182.9	2698.2
C-CAPE COLLINSON CORRECTIONAL INSTITUTION	KV 167632	40	N/A	N/A	N/A	N/A	N/A	N/A	N/A	457.4 +	N/A	N/A	0.5	N/A	(437.9)
CASTLE PEAK FARM	HQ 057815	10	NIL	41.6	22.6	55.8	111.6	314.0	1008.6	655.2	202.8 +	NIL +	NIL	184.6	2576.8 -
CHINESE UNIVERSITY OF HONG KONG	KV 122818	25	1.1	65.9	23.9	84.8	108.3	388.0	1086.5	761.8	299.9	12.1	NIL	352.7	3065.0
CHUEN LUNG COUNTRY PARK MANAGEMENT C.	KV 023791	330	NIL	66.0	25.0	89.5	147.5	447.0	1047.5	726.5 +	282.5	16.0	NIL	216.5	3064.0 +
* CHUNG MEI	KV 158910	20	0.7	55.0	26.4	42.5	127.9	555.9	1124.5	(591.7)	(125.1)	(1.1)	NIL	275.1	(3925.9)
CLEARWATER BAY GOLF AND COUNTRY CLUB	KV 214656	75	N/A	N/A	N/A	(5.5)	(83.3)	(226.8)	818.1	628.5	(103.4)	N/A	N/A	N/A	(1865.6)
DEEP WATER BAY ROYAL HONG KONG GOLF CLUB	KV 098630	5	TRACE	40.5	27.2	11.8	264.1	273.3	1085.7	558.1	245.6	8.5	NIL	71.0	2585.8
DISCOVERY BAY WATER TREATMENT WORKS	JV 915683	75	0.2	45.1	33.6	12.1	94.7	206.6	878.3	588.9	162.8	3.8	NIL	197.4	2232.5
FANLING ROYAL HONG KONG GOLF CLUB	KV 022908	10	0.6	43.8	25.9	59.8	113.7	365.1	863.2	878.2	153.4	5.5	TRACE	239.0	2748.2
# HAPPY VALLEY RACE COURSE	KV 092659	35	0.1	50.0	25.6	10.2	246.6	298.8	1197.1	648.7	195.9	2.7	0.6	106.7	2783.0
HAVEN OF HOPE HOSPITAL	KV 172705	25	0.5	63.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	(64.0)
HEI LING CHAU ADDICTION TREATMENT CENTRE	JV 940643	10	0.3	57.0	24.6	(4.0)	(142.0)	(168.0)	1142.0	574.0 +	181.0 +	NIL	NIL	219.5	(2457.9)
HIGH ISLAND EAST	KV 290753	125	2.8	61.2	20.1	81.9	(87.3)	(256.0)	(959.6)	704.8	167.2	1.5	0.4	76.3	(3419.1)
HIGH ISLAND WEST	KV 257775	85	1.4	58.9	20.1	74.4	(110.1)	354.6	1103.4	656.4	144.7	2.5	1.6	122.5	(2650.6)
HOI HA COUNTRY PARK MANAGEMENT CENTRE	KV 247844	120	(NIL)	56.7	23.0	77.1	73.6	471.7	1167.8	583.3 +	131.2 +	NIL	NIL	254.3	(2838.7)
* HOK TAU	KV 097897	115	0.7	55.2	25.0	71.9	121.0	459.7	1002.4	772.6	240.6	(NIL)	NIL	245.3	(3994.4)
JUBILEE RESERVOIR	KV 061779	200	NIL	60.0	16.9	53.4	137.8	407.6	1015.4	738.2	270.2	(5.1)	0.4	307.2	(2912.2)
JUNK BAY DEVELOPMENT OFFICE	KV 170717	10	0.2	73.1	30.8	15.3	161.7	395.3	1213.4	618.6	213.2	13.8	NIL	178.1	2913.5
KADOORIE EXPERIMENTAL & EXTENSION FARM	KV 054838	305	1.6	60.9	33.9	143.9	119.6	484.5	1046.5	953.3	262.7	22.0	TRACE	241.0	3369.9
KAT O FISHERIES RESEARCH SUB-STATION	KV 222949	10	0.4	48.4	28.4	47.4	115.3	(516.1)	(550.6)	538.4 +	288.5 +	NIL	NIL	256.0	(2387.5)
KING LAM SCHOOL	KV 281876	10	0.4	60.8	24.4	85.9	71.0	(66.6)	(31.8)	N/A	140.3 +	NIL	0.1	29.4 +	(510.7)
KING'S PARK METEOROLOGICAL STATION	KV 085703	65	TRACE	46.2	23.3	9.9	138.7	294.6	1152.0	632.0	312.2	4.7	0.4	130.1	2744.1
LAMMA POLICE STATION	KV 026602	40	1.1	(34.0)	18.0	(2.5)	(1.2)	(NIL)	N/A	N/A	N/A	1.5	NIL	N/A	(58.3)
LING YING PUBLIC SCHOOL	KV 057953	10	NIL	(1.5)	28.5	64.0	96.1	(276.0)	(104.4)	N/A	276.4 +	6.9	NIL	(119.0)	(972.8)
* LO SHUE LING	KV 058956	5	NIL	36.7	22.8	(53.8)	(74.5)	(175.3)	(728.9)	(242.6)	(230.5)	5.1	NIL	(43.2)	(1613.4)
LOK MA CHAU POLICE STATION	JV 993925	50	0.2	(9.0)	(10.2)	(55.0)	111.5	(257.4)	(287.3)	449.3 +	202.3 +	NIL +	NIL	112.3 +	(1494.5)
MAI PO	JV 954901	0	NIL	38.2	29.3	87.2	99.7	322.6	1012.5	500.9	145.1	0.4	NIL	129.8 +	2365.7 +
MARYKNOLL CONVENT SCHOOL	KV 093721	45	NIL	45.9	18.8	(4.5)	106.0	295.7	1113.6	673.1	262.2	3.5	NIL	N/A	(3523.3)
MARYMOUNT SECONDARY SCHOOL	KV 102649	95	NIL	(NIL)	29.1	(0.8)	(171.2)	(272.9)	(274.0)	N/A	N/A	NIL +	NIL	127.3	(840.3)
* NIM W'AN	HQ 024818	15	0.2	47.7	20.5	60.6	106.9	301.6	966.0	555.8	226.2	2.6	NIL	171.1	2459.2
PEAK POLICE STATION	KV 065650	400	NIL	(37.7)	26.6	10.9	236.0	(170.0)	1459.0	612.0	275.5 +	2.5	0.6	203.0	(3033.8)
PENG CHAU PUMPING STATION	JV 952672	5	TRACE	(36.4)	(16.9)	5.7	86.4	(176.3)	(639.9)	417.8 +	86.6 +	3.4	NIL	171.0 +	(1640.4)
POKFULAM RESERVOIR	KV 046652	175	NIL	52.8	27.2	4.1	168.5	(169.2)	(970.3)	N/A	303.4	1.6	NIL	127.3	(1834.4)
QUEEN'S COLLEGE	KV 103668	15	NIL	(NIL)	(NIL)	(0.2)	223.4	(43.5)	N/A	N/A	N/A	0.5 +	N/A	N/A	(267.6)
ROYAL OBSERVATORY	KV 086692	30	TRACE	50.5	23.6	8.9	183.7	290.2	1147.2	597.6	398.9	2.2	0.2	122.6	2725.6

Monthly rainfall totals are reckoned from 15 hours on the last day of the previous month except those marked with # which are reckoned from 09 hours on the last day of the previous month.

( ) indicates that the figure is obtained from an incomplete series of records

+ means that part of the data has been excluded through quality control procedures

\* Monthly gauge N/A Record not available



Table 25 (cont'd). Monthly and Annual Rainfall Recorded at Manned Stations in 1994

Location	Ref. on Universal Transverse Mercator Grid	Height above Mean Sea Level	Year												
			January	February	March	April	May	June	July	August	September	October	November	December	
= SAI KUNG FARM	KV 183773	45	0.5	74.9	25.0	31.0	134.0	559.5	1147.0	655.0+	125.8+	5.6	NIL	65.0+	2821.3-
SAN MIGUEL BREWERY	JV 971766	5	0.2	(33.0)	26.4	56.1	(108.4)	(237.7)	(907.7)	1038.1	132.9+	1.5	NIL	196.6	(2738.6)
SHA TAU KOK POLICE STATION	KV 129952	35	(NIL)	(47.0)	27.9	3.6+	(21.7)	(160.5)	(470.0)	444.2+	N/A	NIL+	NIL	N/A	(1225.6)
= SHA TIN RACE COURSE	KV 124803	10	0.4	74.1	17.6	51.5	110.1	377.1	1087.5	769.3	264.7	3.0	TRACE	220.6	2979.9
SHA TIN TREATMENT WORKS	KV 082756	30	0.7	62.2	21.6	15.5	147.9	375.5	1101.0	952.0	293.3	NIL+	NIL	178.5	2949.4-
SHEK KONG VILLAGE	KV 024827	185	0.9	(43.0)	23.2	122.0	(131.0)	461.0	(158.0)	789.0+	209.0+	3.6	NIL	188.0+	(2321.7)
SHEK KWU CHAU REHABILITATION CENTRE	HQ 079575	75	TRACE	45.8	25.3	0.6	222.8	245.1	1057.1	593.8	363.0	TRACE	TRACE	356.1	2889.6
SHEK LEI PUI SERVICE RESERVOIR	KV 057744	125	0.3	67.4	18.9	13.3	101.7	301.0	1071.8	709.6	199.1+	2.9	NIL	177.2	2663.2-
* SHUI WO	GQ 981607	5	1.0	43.8	18.3	3.7	198.6	(215.2)	981.5	608.6	225.8	4.7	NIL	196.0	(2497.2)
= SHUNG YEE PUBLIC PRIMARY SCHOOL	KV 039851	90	(NIL)	(39.0)	(21.5)	(65.0)	N/A	(47.0)	(61.5)	(125.0)	N/A	(5.2)	NIL	(47.0)	(411.2)
SILVER MINE BAY TREATMENT WORKS	JV 915892	15	NIL	(13.2)	30.0	(94.5)	153.6	272.2	(332.3)	475.3+	116.4+	TRACE	NIL	145.3+	(1633.0)
ST. MARK'S SCHOOL	HQ 087651	60	0.3	54.0	(26.2)	7.9	138.5	234.8	(916.0)	678.3	223.9	NIL	NIL	220.0	(2499.0)
ST. STEPHEN'S COLLEGE	KV 145663	25	NIL	66.1	(7.3)	(8.0)	(157.3)	(NIL)	N/A	N/A	98.5+	8.9	0.3	(115.4)	(461.8)
SUNG TSUN SECONDARY SCHOOL	KV 128595	30	NIL	(NIL)	27.5	(NIL)	171.0+	(158.6)	(542.2)	424.0+	19.5+	4.7	NIL	(38.1)	(1385.6)
TA KWU LING PIG BREEDING CENTRE	KV 185779	30	0.6	71.7	22.6	32.1	(119.4)	(TRACE)	N/A	N/A	(130.1)	0.9	NIL	N/A	(377.4)
TA KWU LING POLICE STATION	KV 072943	15	0.9	42.8	23.4	57.0	89.3	411.3	871.4	794.1+	337.5	5.0	NIL	215.3	2846.0-
TAI LAM CHUNG RESERVOIR	KV 065957	5	NIL	38.9	27.6	70.9	(79.7)	369.0	(818.9)	798.8	298.7	6.8	NIL	208.5	(2716.9)
TAI LAM COUNTRY PARK COMPARTMENT 39	JV 950773	45	1.0	39.0	26.5	(39.0)	84.5	262.0	950.5	809.5+	120.0+	1.0	NIL	205.0+	(2558.0)
TAI LAM COUNTRY PARK MANAGEMENT CENTRE	JV 954791	100	0.6	48.9	26.6	59.0	(99.4)	(344.4)	(795.9)	(699.3)	(143.6)	(0.3)	NIL	(82.8)	(2501.0)
TAI LAM COUNTRY PARK MANAGEMENT CENTRE	JV 958799	95	0.6	51.4	27.2	57.6	108.0	345.3	930.8	1066.3	145.8	TRACE+	NIL	165.7+	2898.7-
TAI LUNG FARM	KV 032893	35	1.8	(31.5)	31.1	(40.9)	119.3	(334.7)	916.0	883.0	154.2+	5.3	NIL	174.0+	(2691.8)
* TAI NEI TUK PUMPING STATION	KV 157886	10	0.4	52.5	23.0	55.9	155.5	(531.6)	1176.5	567.8+	313.6	1.3	NIL	257.0	(3135.3)
TAI MO SHAN NO. 1	KV 036818	830	1.6	70.4	24.3	(74.2)	(187.2)	995.9	(1118.3)	938.7+	363.3+	10.5	NIL	265.1	(3649.3)
TAI MO SHAN NO. 2	KV 037814	950	1.2	64.6	28.5	(7.1)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	(63.8)
TAI O PUBLIC PRIMARY SCHOOL	GQ 942645	10	(NIL)	55.9	28.5	(7.1)	218.4	247.6	(373.9)	N/A	N/A	N/A	N/A	N/A	(931.4)
TAI PO KAU COUNTRY PARK MANAGEMENT C.	KV 096833	130	1.6	62.0	28.2	104.1	154.1	517.0	1074.8	783.0	257.3	12.3	NIL	243.1	3237.7
TAI PO TAU TREATMENT WORKS	KV 063858	105	1.7	59.6	(26.9)	123.9	98.0	(401.0)	(763.2)	700.7+	264.6+	1.2+	NIL	227.3	(2668.1)
TAI TAM RESERVOIR	KV 123642	155	NIL	(30.6)	(0.5)	(4.2)	(166.9)	333.5	(390.1)	N/A	N/A	N/A	0.7	54.3+	(980.8)
TAI TAM TUK RESERVOIR	KV 134627	55	NIL	(24.9)	(0.7)	(9.6)	(174.7)	353.7	(420.4)	N/A	N/A	N/A	TRACE	207.2	(1050.3)
TATES CAIRN WEATHER RADAR STATION	KV 133753	575	2.0	86.0	24.5	28.2	174.5	549.7	1171.1	777.5	298.7	3.8	TRACE	663.3+	3323.2
TIN SHUI WAI	HQ 085855	10	NIL	(NIL)	27.3	64.7	171.5	303.0	(999.4)	(461.8)	195.4	1.4	NIL	177.2	(2401.7)
* TSAK YUE WU UPPER	KV 253811	80	1.1	63.3	(5.2)	(25.9)	73.7	250.3	1040.2	(608.5)	142.0	0.6	NIL	203.7	(2414.5)
TSUEN WAN R.G. FILTERS	KV 041773	120	NIL	55.8	20.7	61.1	108.6	(322.8)	(815.0)	(89.0)	267.4	13.3	NIL	(175.2)	(1924.9)
TSUEN WAN REGIONAL LABORATORY	KV 005755	10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	(64.0)	1.1	NIL	214.1	(279.2)
TSZ OI ESTATE, TSZ WAN SHAN	KV 115746	200	N/A	50.5	(NIL)	(8.3)	(75.0)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	(135.8)
TUEN MUN NEW TOWN C.R.E. OFFICE	HQ 067787	5	0.6	42.8	28.7	37.5	102.7	295.3	1042.2	793.4	151.5	0.5	NIL	225.5	2720.5
TUNG CHUNG AU COUNTRY PARK MANAGEMENT	HQ 026650	70	(NIL)	52.0	40.0	(12.0)	179.0	391.0	1131.0	(527.0)	192.0+	NIL	NIL	258.0	(2782.0)
WONG SHIU CHIMIDDLE SCHOOL	KV 086851	25	1.2	54.1	28.6	107.1	145.2	447.1	(538.6)	630.6	181.0	14.4	NIL	(140.4)	(2283.3)
YUEN LONG DISTRICT OFFICE	JV 934854	45	0.1	44.8	25.0	90.3	171.9	294.6	967.7	(490.3)	80.2+	1.4	NIL	105.0+	(2271.3)
YUEN LONG R.G. FILTERS	HQ 082825	90	0.2	53.5	25.7	54.5	111.5	314.6	1140.7	642.3	208.6	2.2	NIL	233.1	2786.9

Monthly rainfall totals are reckoned from 15 hours on the last day of the previous month except those marked with # which are reckoned from 09 hours on the last day of the previous month.

( ) indicates that the figure is obtained from an incomplete series of records

+ means that part of the data has been excluded through quality control procedures

\* Monthly gauge N/A Record not available

Table 26. Monthly and Annual Rainfall Recorded at Rainfall Data Acquisition System Stations in 1994

Location	Ref. on Universal Transverse Mercator Grid	Height above Mean Sea Level	Year													
			January	February	March	April	May	June	July	August	September	October	November	December		
		m	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
NGONG PING TEA GARDEN	GQ 994642	440	3.5	( 45.5 )	N/A	( 2.5 )	( 183.0 )	( 338.5 )	( 636.5 )	( 673.0 )	( 172.0 )	( 0.5 )	NIL	( 183.5 )	( 2238.5 )	
DISCOVERY BAY WATER TREATMENT WORKS	JV 915683	75	0.5	( 30.5 )	( 34.0 )	( 10.5 )	( 96.0 )	( 221.5 )	( 999.0 )	( 653.0 )	( 167.5 )	( 3.5 )	NIL	( 227.0 )	( 2463.0 )	
LAXIMIA POLICE STATION	KV 026602	40	0.5	( 36.0 )	( 15.5 )	( 2.5 )	( 196.5 )	( 152.5 )	( 686.5 )	( 0.5 )	( 130.5 )	( 2.5 )	NIL	( 166.0 )	( 1389.5 )	
CAPE D'AGUILAR H.F. TRANSMITTING STATION	KV 169388	50	NIL	( 39.5 )	( 31.0 )	( 3.0 )	( 217.5 )	( 138.0 )	( 776.5 )	( 516.5 )	( 173.5 )	( 11.0 )	NIL	( 30.5 )	( 1957.0 )	
GREEN ISLAND LIGHTHOUSE	KV 023674	75	NIL	( 38.0 )	( 23.5 )	( 10.5 )	( 101.0 )	( 198.5 )	( 120.0 )	N/A	( 66.0 )	( 2.0 )	NIL	( 200.0 )	( 759.5 )	
SAM YUK MIDDLE SCHOOL	KV 202696	105	1.5	( 69.5 )	( 29.5 )	( 14.0 )	( 181.0 )	( 307.0 )	( 1156.5 )	( 317.0 )	( 159.5 )	( 9.5 )	NIL	( 128.0 )	( 2373.0 )	
QUARRY BAY TIDE GAUGE HOUSE	KV 125679	10	NIL	( 55.0 )	( 26.0 )	( 8.0 )	( 118.0 )	( 285.0 )	( 392.5 )	( 529.5 )	( 237.5 )	( 2.0 )	0.5	( 131.5 )	( 1785.5 )	
TAP SHEK KOK POWER STATION	HQ 003776	25	NIL	( 43.0 )	( 33.0 )	( 39.0 )	( 96.5 )	( 279.0 )	( 615.5 )	( 551.5 )	( 154.5 )	( 2.0 )	NIL	( 169.0 )	( 1983.0 )	
TSIM BEI TSUI SEISMOMETER STATION	JV 909899	5	NIL	( 39.0 )	( 32.0 )	( NIL )	N/A	( 270.0 )	( 861.5 )	( 419.0 )	( 143.5 )	( NIL )	NIL	( 162.0 )	( 1927.0 )	
WONG SHIU CHI MIDDLE SCHOOL	KV 086851	25	1.5	( 52.0 )	( 35.5 )	( 91.5 )	( 137.0 )	( 409.5 )	( 922.5 )	( 641.5 )	( 180.5 )	( 15.0 )	NIL	( 224.0 )	( 2710.5 )	
SHA TAU KOK POLICE STATION	KV 129952	35	1.0	( 46.5 )	( 32.5 )	( 2.5 )	N/A	( 2.5 )	( 985.5 )	( 471.0 )	( 362.5 )	( 15.5 )	NIL	( 260.0 )	( 2179.5 )	
PAK TAI AU COUNTRY PARK MANAGEMENT C.	KV 252822	105	2.0	( 70.5 )	( 30.0 )	( 83.5 )	( 79.5 )	( 147.5 )	( 145.0 )	( 692.0 )	( 173.5 )	( 2.0 )	0.5	( 257.0 )	( 1683.0 )	
SHEK KONG RAF AIRFIELD	JV 994843	10	NIL	( 45.5 )	( 29.0 )	( 67.5 )	( 142.0 )	( 355.0 )	( 866.5 )	( 920.0 )	( 146.5 )	( NIL )	NIL	( 177.0 )	( 2749.0 )	
AU TAU POND FISH FARM	JV 963858	5	NIL	( 42.0 )	( 32.0 )	( 78.5 )	( 148.0 )	( 283.5 )	( 422.5 )	( 349.5 )	( 172.5 )	( 2.5 )	NIL	( 72.5 )	( 1514.0 )	
LOK MA CHAU POLICE STATION	JV 993925	50	0.5	( 39.0 )	( 27.5 )	( 61.0 )	( 114.0 )	( 272.0 )	( 734.5 )	( 88.0 )	( 211.0 )	( 0.5 )	NIL	( 138.0 )	( 1686.0 )	
KAT O FISHERIES RESEARCH SUB-STATION	KV 222949	10	0.5	( 48.5 )	( 36.0 )	( 30.0 )	( 28.0 )	( NIL )	( 485.0 )	N/A	N/A	( NIL )	NIL	( 255.5 )	( 883.5 )	
TAI NEI TUK PUMPING STATION	KV 157886	10	0.5	( 47.5 )	( 28.5 )	( 41.0 )	( 141.0 )	( 484.0 )	( 989.0 )	( 621.0 )	( 281.5 )	( 1.5 )	NIL	( 199.0 )	( 2834.5 )	
LEUNG SHUEN WAN PUBLIC SCHOOL	KV 271744	10	3.0	( 60.0 )	( 25.0 )	( 96.5 )	( 98.0 )	( 256.5 )	( 343.5 )	N/A	N/A	( NIL )	NIL	( 74.5 )	( 957.0 )	
TAI O PUBLIC PRIMARY SCHOOL	GQ 942643	10	1.0	( 4.0 )	( 7.5 )	( 6.0 )	( 216.0 )	( 269.0 )	( 947.5 )	( 361.5 )	( 251.5 )	( 9.5 )	NIL	( 184.5 )	( 2258.0 )	
PAT HEUNG FIRE SERVICES TRAINING SCHOOL	KV 011866	10	0.5	( 46.0 )	( 36.0 )	( 3.5 )	( 97.5 )	( 340.5 )	( 438.5 )	( 360.5 )	( 162.5 )	( 0.5 )	NIL	( 99.0 )	( 1585.0 )	

( ) indicates that the figure is obtained from an incomplete series of records  
N/A Record not available

Table 27. Monthly Normals (1961-1990) and Extreme Values (1884-1939 and 1947-1994) of Meteorological Elements for Hong Kong

MONTH	ATMOSPHERIC PRESSURE				AIR TEMPERATURE				WET-BULB TEMPERATURE	DEW POINT	VAPOUR PRESSURE	RELATIVE HUMIDITY				AMOUNT OF CLOUD	RAINFALL							BRIGHT SUNSHINE		WIND					
	Absolute Maximum	Mean	Absolute Minimum	Mean Diurnal Range	Absolute Maximum	Mean Daily Maximum	Mean	Mean Daily Minimum				Absolute Minimum	Mean at 0200 hours	Mean at 1400 hours	Absolute Minimum		Mean	0.1 mm or more	25.0 mm or more	50.0 mm or more	Duration	Total	Duration	0.1 mm or more	25.0 mm or more	50.0 mm or more	Maximum Hourly	Maximum Daily	Maximum Monthly	Duration	Percentage of Possible
January	1035.4	1020.2	1003.1	4.1	26.9	18.6	15.8	13.6	0.0	13.0	10.2	13.1	71	76	62	10	58	23.4	41	5.63	0.10	0.00	21.8	99.8	214.3	152.4	45	070	24.0	103	
February	1032.7	1018.7	998.3	4.1	27.8	18.6	15.9	13.9	2.4	13.8	11.8	14.5	78	82	70	13	73	48.0	69	8.93	0.43	0.03	31.9	86.1	241.0	97.7	30	070	23.6	110	
March	1032.4	1016.2	1001.9	4.2	30.1	21.3	18.5	16.5	4.8	16.5	15.0	17.6	81	85	73	16	76	66.9	89	10.07	0.60	0.27	50.1	126.4	428.0	96.4	26	070	22.1	103	
April	1028.4	1013.1	999.9	3.8	33.4	24.9	22.2	20.2	9.9	20.2	19.0	22.4	83	88	75	22	78	161.5	82	11.13	2.20	0.97	92.4	190.2	492.2	108.9	29	080	19.7	135	
May	1020.2	1009.1	981.1	3.4	35.5	28.7	25.9	23.9	15.4	23.7	22.6	27.7	83	87	76	23	74	316.7	92	14.93	3.40	1.93	109.9	520.6	1241.1	153.8	38	090	19.2	140	
June	1014.4	1006.0	973.8	3.0	35.6	30.3	27.8	25.9	19.2	25.4	24.4	30.7	82	86	76	29	75	376.0	86	19.23	4.23	1.97	108.2	382.6	982.9	161.1	40	090	21.6	194	
July	1014.8	1005.3	975.8	3.4	35.7	31.5	28.8	26.6	21.7	26.0	24.9	31.6	80	85	73	43	65	323.5	67	17.47	3.93	1.97	100.7	534.1	1147.2	231.1	56	230	20.0	158	
August	1016.3	1005.1	961.6	3.5	36.1	31.3	28.4	26.3	21.6	25.9	24.8	31.4	81	86	74	41	66	391.4	73	17.30	4.70	2.17	82.1	334.2	872.2	207.0	52	090	18.5	209	
September	1018.2	1008.8	953.2	3.6	35.2	30.3	27.6	25.5	18.4	24.6	23.3	28.8	78	83	71	26	63	299.7	68	14.37	3.57	1.63	84.0	325.5	844.2	181.7	49	090	21.9	230	
October	1024.5	1014.0	977.3	3.6	34.3	27.9	25.2	23.1	13.5	21.8	19.8	23.6	73	78	66	21	56	144.8	48	8.60	1.50	0.87	71.6	292.2	718.4	195.0	54	090	27.6	184	
November	1033.2	1017.9	974.9	3.8	31.8	24.2	21.4	19.2	6.5	17.9	15.2	18.0	69	74	61	17	53	35.1	37	5.87	0.40	0.10	44.2	149.2	224.2	181.5	55	080	27.2	175	
December	1033.5	1020.2	1004.6	4.0	28.7	20.5	17.6	15.4	4.3	14.3	11.2	14.1	68	73	59	14	49	27.3	31	3.87	0.23	0.10	51.7	177.3	206.9	181.5	54	080	25.5	104	
Year	1035.4	1012.9	953.2	3.7	36.1	25.7	23.0	20.9	0.0	20.3	18.6	22.8	77	82	70	10	65	2214.3	782	137.40	25.30	12.00	109.9	594.1	1241.1	1948.1	44	080	22.6	230	
Date on which the extreme value was recorded	6 January 1903		1 September 1962		19 August 1900																				19 July 1926						5 September 1964
Observed at																															Waglan Island

\* 1953 - 1994

Table 28. Monthly Means of Selected Meteorological Parameters for Hong Kong

MONTH	THUNDERSTORM ACTIVITY		NUMBER OF DAYS WITH FOG (Visibility < 1000 m)	WIND			SOIL TEMPERATURE								MEAN DAILY GLOBAL SOLAR RADIATION MJ/m <sup>2</sup>	TOTAL EVAPORATION mm	TOTAL POTENTIAL EVAPOTRANSPIRATION mm	SEA SURFACE TEMPERATURE				NUMBER OF DAYS WITH TROPICAL CYCLONE WARNING SIGNAL				NUMBER OF DAYS WITH STRONG MONSOON SIGNAL
	Number of Days with Lightning	Number of Days with Thunderstorm		Prevailing Direction	Mean Speed km/h	Maximum Gust km/h	0.5 m		1.0 m		1.5 m		0700 °C	1400 °C				0700 or 1100 °C	1400 or 1700 °C	No. 1 and/or Higher	No. 3 and/or Higher	No. 8 and/or Higher	No. 9 and/or No. 10			
							0700 °C	1900 °C	0700 °C	1900 °C	0700 °C	1900 °C														
January	0.17	0.10	090	11.2	96	18.9	19.0	20.6	20.6	21.8	21.8	17.3	17.4	17.1	17.3	-	-	-	-	2.77						
February	0.63	0.60	090	11.9	103	18.9	19.0	20.0	20.0	20.9	20.9	16.6	16.8	16.3	16.4	-	-	-	-	3.17						
March	1.93	1.83	090	12.6	108	20.4	20.5	20.7	20.8	21.1	21.2	17.6	17.9	17.3	17.5	-	-	-	-	2.60						
April	4.40	4.00	090	11.7	106	23.2	23.3	22.6	22.7	22.4	22.5	20.6	20.9	20.3	20.5	0.17	-	-	-	2.37						
May	6.30	4.80	090	10.6	166	26.6	26.7	25.5	25.6	24.8	24.8	24.3	24.7	24.5	24.8	0.70	0.50	0.13	0.03	1.13						
June	7.27	5.20	090	10.4	191	28.4	28.6	27.5	27.6	26.8	26.8	26.3	26.8	26.6	26.9	1.97	0.93	0.13	-	0.93						
July	7.10	5.03	090	10.1	151	29.9	30.0	29.1	29.1	28.3	28.3	26.8	27.3	27.4	27.7	4.57	2.93	0.67	0.07	0.30						
August	10.17	6.93	090	9.4	224	30.0	30.1	29.5	29.5	29.0	29.0	26.5	27.0	27.3	27.6	3.33	1.70	0.53	0.17	0.17						
September	6.63	3.93	090	10.7	259	29.6	29.7	29.4	29.4	29.1	29.1	27.3	27.6	27.4	27.7	4.50	2.50	0.57	0.10	1.17						
October	1.23	0.87	090	12.2	175	27.6	27.6	28.1	28.1	28.2	28.2	26.3	26.6	26.3	26.5	3.37	2.40	0.30	0.10	3.80						
November	0.17	0.17	090	11.0	155	24.4	24.4	25.7	25.6	26.4	26.4	23.3	23.4	23.4	23.5	0.50	0.30	0.07	-	3.27						
December	-	-	090	10.5	104	20.7	20.7	22.6	22.6	23.7	23.8	19.6	19.8	19.5	19.7	0.07	0.07	-	-	3.97						
Year	46.00	33.47	090	11.0	259	24.9	25.0	25.1	25.1	25.2	25.2	22.7	23.0	22.8	23.0	19.17	11.33	2.40	0.47	25.63						
Period of Record	1961-1990			*			1967-1994								1975-1994				1961-1990							
Observed at	Royal Observatory												King's Park				North Point				Wai-lan Island					

\* 1911 - 1939 and April 1947 - 1994 # Times indicated refer to Hong Kong Time, i.e. Co-ordinated Universal Time + 8 hours

Table 29. Summary of Upper-air Data at 00 UTC in 1994

	1000 hPa	925 hPa	850 hPa	700 hPa	500 hPa	400 hPa	300 hPa	250 hPa
JANUARY	081 4.0 31 15.2 31 9.1 31 167 31	084 3.1 31 13.2 31 7.7 31 824 31	225 1.1 31 10.4 31 5.5 31 1533 31	277 8.6 31 5.5 31 -9.3 31 3135 31	273 20.3 31 -6.6 31 -34.7 31 5835 31	270 24.6 30 -17.9 31 -45.5 31 7540 31	267 29.8 31 -32.1 31 -55.4 31 9631 31	264 30.8 29 -41.8 31 -62.6 31 10892 31
FEBRUARY	102 4.2 28 15.9 28 11.9 28 140 28	140 4.2 28 14.7 28 12.8 28 801 28	216 5.0 28 13.1 28 9.9 28 1517 28	265 12.1 28 6.6 28 -6.8 28 3133 28	266 22.3 28 -7.2 28 -35.2 28 5822 28	265 28.8 28 -17.8 28 -43.8 28 7524 28	261 33.1 28 -31.6 28 -54.2 28 9618 28	257 34.5 28 -41.1 28 -63.4 28 10882 28
MARCH	091 4.9 31 15.7 31 10.0 31 164 31	118 4.0 31 14.1 31 10.6 31 824 31	207 3.1 31 12.3 31 7.8 31 1537 31	263 10.1 30 5.6 31 -8 31 3150 31	263 19.5 30 -9.0 31 -25.6 31 5827 31	255 26.6 31 -19.3 31 -36.7 31 7520 31	260 35.5 31 -33.1 31 -49.4 31 9600 31	260 39.5 31 -41.9 31 -58.6 31 10857 31
APRIL	125 2.5 30 23.0 30 19.5 30 111 30	171 3.2 30 19.4 30 17.5 30 787 30	214 4.3 30 16.8 30 12.5 30 1514 30	248 8.1 30 9.1 30 .5 30 3152 30	263 11.1 30 -6.1 30 -29.2 30 5858 30	268 14.9 30 -17.1 30 -38.9 30 7568 30	269 20.4 30 -31.5 30 -50.5 30 9665 30	271 22.6 30 -40.8 30 -60.3 30 10930 30
MAY	115 1.3 22 25.9 22 20.4 22 95 22	169 2.3 31 21.7 31 17.9 31 767 31	200 3.1 31 18.4 31 13.8 31 1499 31	252 5.3 31 10.8 31 5.1 31 3145 31	273 6.6 31 -4.5 31 -11.9 31 5875 31	278 6.3 31 -14.2 31 -25.2 31 7601 31	290 8.2 30 -28.4 31 -42.1 31 9726 31	296 9.4 30 -38.5 31 -52.3 31 11006 31
JUNE	158 2.0 13 27.5 13 24.6 13 74 13	149 6.0 30 22.3 30 21.0 30 742 30	164 7.5 30 18.3 30 17.3 30 1476 30	183 7.2 30 11.5 30 6.5 30 3125 30	183 4.4 30 -3.4 30 -11.7 30 5865 30	154 2.2 30 -13.2 30 -23.9 30 7598 30	072 2.1 30 -27.5 30 -42.5 30 9731 30	050 3.2 30 -38.0 30 -51.4 30 11014 30
JULY	164 1.0 4 27.6 4 24.9 4 59 6	132 4.9 28 23.2 31 21.4 31 720 31	138 5.3 29 19.1 31 17.1 31 1456 31	148 5.7 30 11.6 31 5.1 31 3106 31	133 5.1 29 -3.4 31 -12.4 31 5845 31	129 4.1 29 -13.3 29 -25.3 29 7579 29	103 3.5 29 -27.7 29 -38.9 29 9710 29	067 2.6 28 -37.7 28 -47.9 28 10993 28
AUGUST	116 2.1 11 27.3 11 24.2 11 80 11	185 2.4 29 23.0 31 21.2 31 741 31	193 2.9 30 18.9 31 16.7 31 1476 31	200 2.5 30 10.8 31 6.1 31 3124 31	135 1.3 28 -4.0 31 -10.2 31 5857 31	071 2.8 28 -13.7 31 -22.1 31 7587 31	082 2.0 30 -28.1 31 -37.4 31 9715 31	077 2.9 31 -38.0 31 -48.6 31 10997 31
SEPTEMBER	097 2.9 27 25.7 27 22.3 27 95 27	085 5.1 30 21.3 30 19.6 30 775 30	088 4.7 30 17.8 30 15.6 30 1506 30	081 1.9 30 10.3 30 5.1 30 3150 30	035 2.2 30 -4.4 30 -13.6 30 5879 30	037 3.2 30 -14.2 30 -29.5 30 7605 30	049 3.8 30 -29.0 30 -45.7 30 9725 30	037 4.8 30 -39.1 30 -55.4 30 11002 30
OCTOBER	069 4.7 31 22.7 31 13.6 31 142 31	070 6.2 31 18.3 31 10.6 31 815 31	064 5.2 31 14.2 31 6.5 31 1536 31	350 2.9 31 8.7 31 -9.1 31 3161 31	283 7.3 31 -6.0 31 -23.6 31 5869 31	290 8.2 31 -16.2 31 -38.8 31 7583 31	292 8.6 31 -31.3 31 -57.0 31 9684 31	285 8.1 31 -41.2 31 -65.2 31 10948 31
NOVEMBER	075 5.9 30 20.5 30 13.8 30 176 30	072 7.6 30 16.2 30 10.4 30 844 30	070 5.4 30 13.2 30 3.5 30 1560 30	085 .7 30 7.6 30 -12.1 30 3176 30	259 7.9 30 -6.5 30 -33.9 30 5879 30	256 13.9 29 -17.7 30 -41.5 30 7584 30	262 17.9 28 -32.3 30 -54.1 29 9676 30	265 19.4 30 -42.1 30 -63.1 29 10935 30
DECEMBER	073 5.1 31 17.6 31 13.0 31 173 31	091 5.7 31 14.8 31 13.1 31 837 31	131 4.0 31 13.1 31 10.7 31 1553 31	238 5.0 31 6.8 31 -4.1 31 3167 31	248 13.7 31 -6.4 31 -31.8 31 5865 31	251 19.3 31 -17.4 31 -40.9 31 7573 31	252 25.3 31 -31.7 31 -52.1 31 9668 31	256 27.3 29 -41.6 31 -60.2 31 10931 31
YEAR	092 3.1 289 22.1 289 17.3 289 123 291	112 3.6 360 18.5 365 15.3 365 790 365	152 2.5 362 15.5 365 11.4 365 1513 365	246 4.0 362 8.7 365 -1.1 365 3144 365	261 8.6 359 -5.6 365 -22.8 365 5856 365	263 11.0 358 -16.0 363 -34.3 363 7572 363	265 13.8 359 -30.4 363 -48.3 362 9679 363	266 14.8 357 -40.2 362 -57.4 361 10949 362

Legend : wind direction and speed (deg,m/s) nn  
temperature (deg C) nn  
dew point (deg C) nn  
geopotential height (gpm) nn

nn = number of observations for the month for the meteorological parameter.

Table 29. (Cont.) Summary of Upper-air Data at 00 UTC in 1994

200 hPa	150 hPa	100 hPa	70 hPa	50 hPa	30 hPa	20 hPa	Tropopause
257 33.1 30	254 31.6 30	264 21.8 28	272 13.3 28	269 8.3 26	047 1.7 26	116 2.9 22	267 20.6 27
-53.2 31	-66.5 31	-78.4 31	-78.9 31	-67.1 30	-57.7 26	-54.5 24	-81.5 30
-72.0 31	-84.7 31	-96.2 30	-96.4 30	-86.3 29	-86.7 26	-86.1 24	-99.3 29
12365 31	14159 31	16531 31	18548 31	20521 30	23685 26	26265 24	17089 30
255 35.1 27	249 33.0 27	259 21.0 26	266 12.3 26	281 5.8 25	042 4.7 23	112 5.9 22	258 20.6 26
-52.7 28	-66.4 28	-79.2 28	-77.9 28	-66.0 27	-57.7 25	-53.3 24	-80.8 28
-71.3 28	-83.2 28	-96.4 28	-94.9 28	-86.9 27	-86.1 25	-83.2 24	-98.0 28
12360 28	14157 28	16529 28	18553 28	20532 27	23712 25	26294 24	16746 28
259 41.4 31	254 37.2 31	263 23.5 31	267 12.1 29	274 5.2 29	074 3.8 29	120 6.0 26	263 23.5 29
-52.8 31	-66.3 31	-77.7 31	-75.9 29	-63.7 29	-56.5 29	-51.9 26	-79.5 29
-70.0 31	-82.6 31	-93.4 31	-92.9 29	-87.0 29	-85.1 29	-82.7 26	-95.0 29
12333 31	14132 31	16506 31	18551 29	20556 29	23755 29	26352 26	16696 29
270 23.8 29	271 20.7 28	268 11.8 27	279 3.9 27	039 3.1 26	089 5.8 22	118 7.3 19	268 10.6 27
-52.7 30	-66.1 28	-80.0 27	-76.3 27	-66.2 27	-56.0 23	-50.9 19	-82.0 27
-69.6 30	-81.5 28	-94.5 27	-92.2 27	-90.4 27	-86.2 23	-84.1 19	-96.3 27
12409 30	14213 28	16580 27	18599 27	20592 27	23774 23	26377 19	16907 27
301 8.7 29	307 8.0 29	336 4.8 28	071 6.5 27	085 7.8 27	093 12.3 27	096 14.4 25	357 3.9 27
-50.9 31	-65.3 30	-80.5 29	-78.4 28	-65.0 28	-55.4 28	-49.3 26	-82.6 28
-64.9 31	-78.7 30	-93.4 29	-92.0 28	-86.5 28	-85.3 28	-80.7 26	-95.4 28
12498 31	14309 30	16677 29	18688 28	20669 28	23870 28	26487 26	17141 28
035 5.3 30	019 10.9 30	040 14.5 29	070 15.2 29	082 15.6 27	090 18.7 27	091 20.1 22	043 14.4 29
-50.2 30	-65.5 30	-78.8 29	-75.0 29	-64.0 27	-54.6 27	-48.9 22	-80.6 29
-63.4 30	-77.4 30	-91.2 29	-88.8 29	-84.6 27	-82.0 27	-78.9 22	-93.0 29
12510 30	14322 30	16694 29	18725 29	20736 27	23941 27	26567 22	16903 29
040 4.0 29	047 5.9 29	079 14.1 29	083 19.3 29	085 20.5 25	090 23.4 23	090 24.0 15	075 13.3 28
-50.3 29	-65.7 29	-77.4 29	-71.0 29	-63.2 25	-55.0 23	-49.4 15	-78.9 29
-60.9 29	-76.5 29	-89.5 28	-86.8 28	-87.1 24	-83.4 23	-80.7 15	-90.5 29
12491 29	14301 29	16671 29	18744 29	20781 25	23989 23	26607 15	16302 29
062 4.3 31	063 9.4 31	072 18.4 31	083 20.4 29	087 21.7 28	089 22.8 25	091 23.9 16	072 17.5 30
-50.3 31	-65.0 31	-77.0 31	-70.1 30	-63.3 28	-55.8 25	-50.3 16	-78.5 30
-62.0 31	-76.6 31	-89.0 31	-85.2 30	-84.9 28	-80.0 25	-76.0 16	-90.3 30
12493 31	14306 31	16688 31	18762 30	20799 28	24007 25	26630 16	16533 30
039 5.9 30	050 7.1 29	065 11.2 28	084 13.1 27	086 15.3 23	092 17.8 20	092 19.7 20	062 11.1 25
-51.2 30	-65.3 30	-78.6 28	-71.0 27	-63.3 23	-56.3 22	-52.4 21	-79.3 25
-66.5 30	-79.9 30	-92.2 28	-87.1 27	-89.5 23	-86.9 22	-84.4 21	-93.3 25
12490 30	14299 30	16675 28	18729 27	20763 23	23959 22	26556 21	16582 25
265 7.5 31	250 6.6 31	234 2.5 30	099 5.5 31	083 8.4 31	088 12.5 27	093 14.8 24	230 2.9 30
-52.4 31	-66.1 31	-79.6 31	-71.7 31	-64.2 31	-57.5 29	-53.7 25	-80.6 31
-73.9 31	-83.5 31	-94.9 31	-89.1 31	-90.4 30	-87.2 28	-85.3 24	-95.8 31
12427 31	14228 31	16594 31	18644 31	20670 31	23848 29	26419 25	16621 31
267 19.5 30	264 18.5 30	250 11.8 30	234 1.0 30	072 2.0 29	073 6.5 28	095 5.0 25	249 12.2 30
-53.6 30	-66.8 30	-78.9 30	-74.6 30	-66.4 30	-59.5 29	-51.9 27	-79.9 30
-73.2 29	-84.0 29	-95.8 29	-91.7 29	-90.8 29	-89.5 28	-84.1 27	-96.8 29
12406 30	14198 30	16564 30	18603 30	20603 30	23742 29	26319 27	16533 30
254 28.4 31	241 27.3 28	247 16.6 28	258 3.9 28	095 1.9 28	066 4.1 25	152 2.9 21	244 15.1 28
-52.9 31	-66.2 30	-78.1 30	-75.2 30	-67.6 30	-58.9 27	-51.5 22	-80.5 30
-70.9 31	-84.2 30	-97.4 30	-93.8 30	-90.8 30	-87.1 27	-82.3 22	-99.3 30
12406 31	14202 30	16586 30	18618 30	20611 30	23743 27	26334 22	16892 30
265 15.0 358	263 12.7 353	277 4.8 345	072 2.9 340	081 6.4 324	086 11.0 302	097 12.0 257	278 4.5 336
-51.9 363	-65.9 359	-78.7 354	-74.7 349	-65.0 335	-56.7 313	-51.5 267	-80.4 346
-68.2 362	-81.1 358	-93.7 351	-90.9 346	-87.9 331	-85.5 311	-82.4 266	-95.3 344
12432 363	14236 359	16608 354	18647 349	20653 335	23835 313	26434 267	16745 346

Table 30. Normals of Upper-air Data at 00 UTC (1961-1990)

	1000 hPa		850 hPa		700 hPa		500 hPa		400 hPa		300 hPa		250 hPa								
JANUARY	070	3.2	763	216	0.7	914	270	9.2	908	266	22.7	893	263	29.7	893	262	34.6	892	260	36.2	886
		13.4	771		9.4	926		3.7	919		-8.4	851		-17.9	927		-32.1	927		-41.5	925
		8.9	764		2.9	919		-9.8	890		-33.2	924		-41.8	919		-51.2	593		-64.5	308
		175	772		1534	927		3128	927		5805	927		7506	927		9597	927		10859	925
FEBRUARY	082	3.5	696	213	3.3	834	266	10.9	827	263	22.4	818	262	29.1	818	260	35.2	820	258	36.9	822
		13.8	700		10.5	842		4.1	835		-8.6	796		-18.5	842		-32.4	842		-41.6	841
		10.4	700		6.2	835		-5.8	792		-30.1	840		-39.8	832		-49.9	546		-62.6	280
		163	703		1527	843		3125	843		5806	843		7504	842		9592	842		10854	841
MARCH	089	3.8	749	211	4.3	898	263	10.4	900	264	18.9	900	262	26.0	901	261	32.7	900	260	35.1	899
		16.7	769		12.9	926		6.0	926		-8.5	844		-18.6	927		-32.5	927		-41.4	926
		13.8	768		8.5	920		-2.3	875		-28.2	924		-37.9	918		-48.3	642		-61.8	307
		145	772		1523	926		3139	927		5822	927		7520	927		9607	927		10867	926
APRIL	097	3.1	711	205	4.3	851	254	8.3	847	259	13.7	843	261	18.1	844	263	23.9	843	265	26.7	840
		20.6	728		15.3	896		8.2	896		-7.4	832		-17.8	895		-32.5	893		-41.8	893
		18.0	727		10.8	886		0.1	852		-21.0	888		-31.9	888		-44.4	711		-56.2	293
		119	746		1514	896		3144	896		5842	895		7547	895		9636	893		10897	893
MAY	107	2.2	614	204	4.3	888	243	6.1	875	261	7.1	853	268	8.1	848	277	9.9	846	282	10.9	839
		24.3	620		17.3	925		9.8	925		-4.4	801		-15.1	922		-29.7	922		-39.5	918
		21.7	620		13.4	925		3.1	911		-13.8	906		-25.3	920		-40.2	788		-51.7	305
		85	772		1496	925		3136	925		5857	925		7579	923		9694	922		10968	920
JUNE	156	1.6	318	195	4.9	844	212	5.0	827	226	2.4	820	241	0.7	810	027	1.3	811	032	2.8	810
		26.6	322		18.4	883		11.0	884		-3.1	768		-13.6	882		-28.0	880		-37.9	877
		24.1	322		15.1	881		4.7	870		-12.6	836		-23.8	877		-38.9	753		-50.5	295
		58	731		1477	883		3123	884		5859	886		7590	883		9718	880		11001	878
JULY	195	1.3	307	178	4.1	894	172	3.9	891	120	3.0	883	095	4.3	876	083	6.4	868	077	8.0	870
		27.6	308		19.0	903		11.4	903		-3.2	779		-13.9	900		-28.3	897		-38.1	896
		24.8	309		15.0	903		3.6	892		-14.3	873		-25.4	899		-40.2	762		-52.0	296
		53	741		1474	903		3123	903		5859	903		7590	900		9715	898		10996	896
AUGUST	109	1.0	218	147	2.7	914	148	2.4	911	096	2.5	902	088	3.5	896	081	4.6	896	073	5.6	897
		24.7	217		18.9	914		11.0	914		-3.2	789		-13.9	912		-28.3	911		-38.1	908
		22.4	217		15.1	911		4.4	890		-13.2	875		-24.0	908		-38.5	768		-50.1	291
		48	756		1471	914		3119	914		5855	913		7585	912		9700	911		10992	908
SEPTEMBER	070	2.1	578	090	4.4	877	099	2.5	869	082	2.3	867	077	2.7	860	068	2.8	855	061	2.6	848
		26.0	583		17.9	895		10.3	895		-3.8	776		-14.7	894		-29.4	893		-39.3	889
		22.4	583		13.9	893		3.2	867		-14.2	878		-26.1	894		-41.2	764		-53.5	298
		85	745		1499	895		3141	895		5869	896		7594	894		9712	893		10988	889
OCTOBER	062	3.7	749	082	5.7	921	080	1.6	917	271	2.2	911	273	4.0	907	274	5.8	902	276	6.7	899
		23.2	751		15.7	928		9.1	928		-5.0	805		-15.8	927		-30.8	924		-40.5	922
		18.1	751		10.8	925		0.2	903		-17.2	921		-29.7	924		-44.6	762		-58.1	305
		128	774		1529	928		3161	928		5877	928		7594	927		9701	924		10969	923
NOVEMBER	051	3.7	742	076	3.9	891	273	2.7	882	259	10.2	878	262	14.6	876	262	18.4	872	262	19.9	870
		18.9	747		13.2	899		6.9	899		-6.4	786		-16.9	899		-31.5	899		-41.1	898
		12.9	746		6.2	892		-3.5	835		-23.9	897		-34.7	895		-47.0	682		-60.5	298
		162	749		1543	899		3160	899		5861	899		7571	899		9670	899		10935	898
DECEMBER	058	3.4	765	074	1.5	917	265	6.8	913	262	18.2	909	263	24.0	907	262	29.4	902	261	31.2	898
		15.0	773		10.4	928		4.8	913		-7.9	859		-18.0	928		-32.4	928		-41.9	927
		9.1	760		2.4	915		-9.2	861		-30.2	927		-39.6	922		-49.7	653		-62.9	305
		178	773		1542	928		3143	928		5831	928		7533	928		9624	928		10884	928
YEAR	082	2.3	7210	162	2.1	10643	250	4.4	10567	261	9.2	10477	262	12.0	10436	263	14.6	10407	264	15.4	10378
		21.0	7289		14.9	10865		8.0	10837		-6.5	9686		-16.2	10855		-30.6	10843		-40.2	10820
		17.3	7267		10.0	10805		-0.9	10438		-21.0	10689		-31.7	10796		-44.5	8424		-57.0	3581
		117	9034		1511	10867		3137	10869		5845	10870		7559	10857		9664	10844		10934	10825

Legend : wind direction and speed (deg,m/s) nn  
temperature (deg C) nn  
dew point (deg C) nn  
geopotential height (gpm) nn

nn = number of observations for the month for the meteorological parameter.

Note : The data series of dew point is incomplete from 1961 to 1980.

Table 30. (Cont.) Normals of Upper-air Data at 00 UTC (1961-1990)

200 hPa		150 hPa		100 hPa		70 hPa		50 hPa		30 hPa		20 hPa		Tropopause									
254	36.8	873	252	33.6	844	261	21.0	801	264	10.1	722	272	4.4	583	066	3.2	410	109	5.0	216	260	17.8	261
	-52.8	923		-65.7	907		-77.8	888		-72.9	799		-65.3	659		-52.5	452		-51.5	238		-76.5	804
	-74.1	307		-86.0	303		-96.9	299		-94.8	275		-87.9	258		-83.7	216		-81.1	127		-89.7	261
	12336	924		14136	912		16520	893		17941	811		20559	709		22177	523		26369	347		16059	803
255	37.2	819	254	34.0	795	260	22.0	760	263	11.6	672	270	5.6	566	065	2.6	368	122	3.8	179	259	19.2	237
	-52.8	839		-65.7	832		-77.7	817		-73.1	733		-65.3	636		-50.3	401		-50.8	209		-76.6	744
	-73.1	279		-85.4	277		-96.3	273		-86.6	245		-80.5	230		-75.9	174		-73.8	91		-89.4	239
	12330	840		14131	833		16514	827		17935	746		20551	672		22159	490		26336	321		16063	744
257	35.9	895	258	32.2	878	262	20.3	831	263	10.3	761	284	4.2	635	072	2.2	438	128	3.1	238	261	17.7	261
	-52.8	925		-65.5	920		-77.4	898		-73.0	827		-65.0	689		-49.8	491		-50.1	266		-76.4	825
	-72.0	307		-83.9	307		-95.2	303		-86.3	266		-80.0	256		-75.7	206		-73.2	124		-88.7	263
	12344	926		14145	922		16533	908		17955	847		20573	732		22184	565		26406	382		16186	824
267	28.7	832	266	25.3	821	266	13.4	792	268	4.3	715	023	1.5	604	093	6.0	405	111	4.9	221	264	12.8	253
	-52.8	890		-65.0	878		-76.6	863		-72.5	788		-64.5	674		-50.4	445		-45.7	253		-75.8	787
	-68.0	293		-81.0	290		-92.7	288		-84.0	253		-78.0	236		-74.3	195		-70.8	126		-86.4	252
	12373	892		14133	882		16555	872		17998	802		20625	715		22247	519		25427	350		16237	787
289	11.7	840	297	10.4	830	331	4.1	801	066	5.9	695	084	8.8	615	093	10.1	413	095	9.5	226	323	3.5	257
	-51.1	916		-64.7	905		-77.6	882		-72.8	774		-63.9	683		-49.8	450		-45.1	257		-76.5	785
	-63.9	304		-77.9	303		-90.7	299		-81.3	252		-76.5	240		-73.5	200		-70.3	133		-84.2	258
	12457	917		14268	908		16658	893		18073	795		20704	720		23119	528		25514	362		16296	785
032	5.0	806	028	8.0	795	054	12.5	764	074	13.7	670	084	15.4	576	092	15.8	408	092	17.2	202	057	11.9	250
	-50.2	876		-64.5	866		-77.6	839		-71.3	723		-63.4	620		-49.6	446		-45.5	223		-76.4	747
	-62.2	295		-77.0	295		-90.9	292		-80.7	247		-77.0	230		-73.2	190		-71.2	115		-84.5	248
	12499	876		14316	867		16704	859		18128	752		20772	653		22398	512		26638	325		16240	747
073	10.7	867	068	14.8	861	070	19.7	811	080	19.8	742	087	21.2	622	092	22.4	437	092	22.1	205	072	17.4	248
	-50.0	895		-64.2	890		-76.9	852		-70.8	785		-62.7	661		-50.3	471		-48.0	235		-78.0	808
	-63.5	293		-77.6	291		-90.0	285		-78.7	246		-77.1	231		-73.8	178		-72.3	110		-83.0	249
	12494	896		14313	892		16704	874		18777	795		20812	701		23220	528		26689	324		16560	808
070	7.1	895	068	10.0	887	072	16.5	856	083	18.4	765	087	20.3	620	092	21.6	430	091	23.0	239	069	15.0	279
	-50.0	908		-64.2	899		-76.6	879		-69.6	791		-62.2	646		-48.4	450		-46.4	250		-77.6	827
	-62.4	290		-76.5	288		-89.5	287		-84.9	276		-84.4	256		-81.0	224		-70.5	150		-90.3	277
	12490	908		14308	900		16700	891		18780	813		20824	691		22447	523		25637	345		16461	827
058	3.0	844	062	5.0	834	071	10.5	815	083	12.8	737	088	14.8	610	092	16.9	423	093	17.6	208	070	10.2	286
	-51.1	887		-64.7	876		-77.3	862		-70.7	785		-62.8	652		-48.3	449		-46.6	219		-78.4	807
	-65.0	296		-79.7	294		-91.7	290		-86.3	281		-85.7	251		-82.2	216		-80.7	131		-92.6	285
	12478	888		14290	881		16680	869		18748	810		20783	709		22406	525		25591	322		16593	807
274	7.1	896	272	5.7	886	178	1.0	857	086	5.1	781	088	7.9	657	088	11.3	441	095	11.7	220	096	1.4	290
	-51.9	921		-65.5	911		-78.6	890		-72.1	823		-63.1	687		-50.4	466		-46.6	234		-80.0	842
	-69.5	303		-82.5	302		-95.3	301		-88.9	288		-86.9	274		-83.7	239		-81.8	138		-96.6	289
	12452	922		14258	913		16636	905		18688	851		20716	730		22340	553		26574	342		16681	842
259	20.8	867	253	19.6	851	254	11.3	818	247	2.9	741	098	1.3	642	086	5.4	439	104	5.3	232	254	10.7	285
	-52.6	898		-66.1	886		-78.8	861		-73.9	790		-64.1	683		-49.2	487		-49.5	249		-80.4	804
	-70.9	297		-84.1	295		-97.2	294		-91.9	285		-88.0	276		-84.1	242		-82.0	138		-98.4	284
	12414	898		14214	889		16587	875		18627	810		20640	706		21467	554		26482	373		16684	804
256	32.5	895	253	30.9	885	260	18.4	842	262	8.2	778	263	3.3	648	084	2.4	439	108	4.5	224	259	17.8	301
	-53.2	927		-66.3	920		-78.0	896		-74.8	843		-64.3	723		-53.7	478		-50.1	245		-79.6	847
	-73.0	305		-86.1	305		-97.5	301		-94.5	300		-88.8	289		-85.2	248		-82.5	150		-99.2	299
	12359	927		14155	921		16533	909		18576	853		20582	765		22983	577		26420	360		16624	848
262	15.4	10329	263	12.9	10167	279	4.4	9748	075	2.5	8779	085	6.2	7378	090	11.1	5051	097	11.0	2610	279	3.7	3208
	-51.8	10805		-65.2	10690		-77.6	10427		-73.5	9461		-63.9	8013		-54.9	5486		-49.0	2878		-79.1	9627
	-68.1	3569		-81.5	3550		-93.7	3512		-90.9	3214		-86.6	3027		-82.8	2528		-80.3	1533		-95.8	3204
	12419	10814		14222	10720		16610	10575		18663	9685		20678	8503		23881	6397		26527	4153		16685	9626