551.506.7:551.582(512.317)

ROYAL OBSERVATORY, HONG KONG

Technical Note No.73

Hong Kong Upper-air Climatological Summaries 1971 - 1980

by

T.S. Li

January 1985

CONTENTS

TABLES

1. INTRODUCTION

Upper-air observations in Hong Kong have been made at King's Park Meteorological Station since 1951. The elevation of the station floor beneath the barometer is 66 metres above mean sea-level and the position is 22°19'N, 114°10'E. A brief history of the development of upper-air soundings made in Hong Kong prior to 1971 can be found in a previous report (Leong 1976).

This report presents the monthly as well as the annual mean and extreme values of various elements observed during the period 1971-1980. The sounding instruments used and the method of computation adopted are also described.

2. SOUNDING INSTRUMENTS

The Vaisala RS 13 radiosondes brought into use on 1 January 1969 were used in the upper-air measurements scheduled daily at 0800 hours and 2000 hours Hong Kong Time (GMT + 8). On 18 November 1974 they were replaced by the Vaisala RS 18 radiosondes. The two types of radiosondes employed basically the same sensors: a nickel alloy aneroid capsule for pressure, a bimetallic thermometer for temperature and a piece of chemically treated hair for relative humidity. The carrier frequency of the transmitter signal was modulated by the output of each sensor in turn. Thus the frequency of the transmitted signal was a function of pressure, temperature and relative humidity of the air at the corresponding atmospheric level. The only significant difference between these two types of radiosondes lay in the pressure sensors. The RS 18 employed two pressure sensors, one for sensing pressures up to the 100-millibar level and the other above the 100-milliber level while the RS 13 used only one pressure sensor for all levels.

Upper wind measurements were made four times a day: combined radiosonde-rawinsonde ascents at 0800 and 2000 hours using 0.7 kilogram balloons, and rawinsonde ascents at 0600 and 1800 hours using 0.5 kilogram balloons. The balloons carried the Vacuum Reflex type 336W corner reflectors of about one metre hypotenuse. Japanese and local aluminium foil corner reflectors were sometimes used on dry days. The balloons were tracked by a 30-mm Plessey WF-2 wind-finding radar which was in use since May 1960. Whenever the wind-finding radar was unserviceable, upper-winds were determined by pilot balloons and single theodolite provided that the cloud base was sufficiently high.

3. METHOD OF COMPUTATION

(a) Computerization

For day to day operational use, various parameters such as heights of isobaric surfaces above mean sea-level, tropopause, freezing level, dew-point temperatures, inversions etc. were computed manually from pressures, temperatures and relative humidities measured by radiosondes. However, since 1970 these elements were re-computed for the purpose of climatological record using computer in order to achieve higher accuracy in the computation and better quality control of the data. It also facilitated the printing of the annual volume of Meteorological Results, Part II— Upper-air Observations. Data input for each ascent consisted of three time curves for pressure, temperature and relative humidity together with the surface data, termination data and winds at various standard heights and pressure levels. The methods of computation of the various elements are described below.

(b) Geopotential height

The geopotential height of an isobaric surface was calculated as the sum of the thickness of successive strata in each of which the lapse rate of temperature was nearly constant. The thickness of each stratum was computed in units of geopotential metres from observations of pressure, temperature and relative humidity using the following formula :

$$\Phi_{gpm} = 67.4422\ T_v \log_{10} (p_1 / p_2) ,$$

where Φ_{gmp} = thickness of the stratum in geopotential metres,

T_v = mean virtual temperature of the stratum in kelvins,

p_1 = pressure at the base of the stratum in millibars,

p_2 = pressure at the top of the stratum in millibars.

(c) Air temperature

Air temperatures were corrected for effects due to incident solar radiation. The corrections were based on procedures recommended by Vaisala (Vaisala 1967). No lag corrections were applied to the observed temperatures. It was estimated that the lag corrections amounted to only 0.3 to 0.5 degrees Celsius in the troposphere when the lapse rate was dry adiabatic.

(d) Dew-point temperature

Dew-point temperatures were computed from the corrected air temperatures and relative humidities. Due to the inaccuracy of humidity measurements in the higher troposphere, dew-points were not computed at levels where the air temperatures were lower than -40 degress Celsius.

(e) Mixing ratio

Humidity mixing ratios were computed from the following formula :

$$r_w = \frac{621.97\, f_w e_w}{p - f_w e_w} \quad ,$$

where r_w = the saturation mixing ratio over water at dew-point temperature,

e_w = the saturation vapour pressure in millibars over water in the pure phase at dew-point temperature,

f_w = the correction factor for the departure of the mixture of air and water vapour from ideal gas laws (Table 89, Smithsonian Meteorological Tables — Sixth Revised Edition),

p = the total pressure in millibars.

(f) Wind

Upper-wind measurements were made by means of a tracking radar. The ranges, angles of elevation and azimuths were determined at intervals of one minute. The calculated plan positions were plotted on a 1:50 000 chart. the wind at a given height or pressure level was measured over an interval of two or three minutes so chosen that the midpoint almost coincided with the instant at which the balloon attained that particular height or pressure level. The rate of ascent was approximately 6 metres per second.

4. BRIEF NOTES ON THE TABLES

a. Wind speeds are given in knots and directions in degrees from true north.

b. Constancy , defined as 100 V_r / V_s , is given in percentage, where V_r is the vector mean speed and V_s is the scalar mean speed.

c. S.V.D. stands for standard vector deviation which is defined as the positive square root of mean square of the modules of the vector deviations from the mean vector velocity. It is computed from the equation

$$S.V.D. = \left[\left(\Sigma V^2 / N \right) - V_r^2 \right]^{1/2}$$

where V is the speed of each vector, N the total number of vectors and V_r the vector mean speed (Brooks et al 1953).

d. S.D. stands for standard deviation with N - 1 degrees of freedom.

e. Heights are given in geopotential metres (gpm).

f. Dates given in connection with maximum or minimum values refer to the dates when the maximum or minimum values were first observed within a month or in the year.

g. Temperatures are given in degrees Celsius.

h. Dew-point temperatures are given in degrees Celsius. Due to the limitations of the humidity sensor, dew-point temperatures are not presented whenever the computed values are lower than -50.0 degrees. Thus mean dew-point temperatures are not included in those levels when more than 5 per cent of the observations are without data. Besides, the minimum and S.D. values are not given for those months and levels with one or more dew-point temprature below -50.0 degrees.

i. Relative humidity is given in percentage while humidity mixing ratio is in grams per kilogram.

j. Data for tropopause refers to the lowest tropopause.

k. Lapse rate is obtained by dividing the difference in temperatures at the base and at the top of the layer concerned by the thickness of the layer obtained in each ascent.

l. Hong Kong Time (HKT) is 8 hours ahead of GMT.

REFERRENCES

1. Leong, H.C.	1976	Hong Kong Upper-air Climatological Summaries, 1961-1970, Royal Observatory Technical Note No. 59.
2. Vaisala	1967	Instruction Manual for Radiosonde Computation Applied to Vaisala Radiosonde RS 13 (Amended), Vaisala, Finland.
3. Brooks, C.E.P., and Carruthers, N	1953	Handbook of Statistical Methods in Meteorology, pp. 195-196, HMSO.

TABLE 1A MEANS OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

SURFACE DATA TIME OF ASCENT : 0800 HKT (0000 GMT)

MONTH	STATION LEVEL PRESSURE (MBAR)	(S.D.)	TEMPERATURE (CELSIUS)	(S.D.)	DEW-POINT (CELSIUS)	(S.D.)	VECTOR MEAN DIRECTION (DEGREES)	W MEAN SPEED (KNOTS)	I SCALAR MEAN (KNOTS)	N CONSTANCY (%)	D STANDARD VECTOR DEVIATION
JAN	1012.6	3.5	13.9	2.8	9.6	5.2	79	5	6	76.7	6.1
NO. OF OBS.	310		310		310		310		310		
FEB	1011.5	4.4	14.5	3.9	11.1	6.1	85	5	7	77.6	6.6
NO. OF OBS.	283		283		283		283		283		
MAR	1009.5	3.8	17.7	2.9	14.8	4.9	95	7	8	87.8	6.1
NO. OF OBS.	310		310		310		310		310		
APR	1005.9	3.2	21.5	2.8	19.1	3.7	104	6	7	83.9	5.9
NO. OF OBS.	300		300		300		300		300		
MAY	1002.1	3.0	25.0	2.1	22.8	2.6	111	4	6	66.7	6.5
NO. OF OBS.	310		310		310		310		310		
JUN	999.3	3.0	27.1	1.6	24.6	1.4	148	3	6	43.8	7.0
NO. OF OBS.	294		294		294		294		294		
JUL	997.9	4.3	27.7	1.3	25.0	1.1	170	2	6	29.5	7.4
NO. OF OBS.	307		307		307		307		307		
AUG	997.8	3.9	27.1	1.2	24.7	1.1	123	2	5	34.7	6.6
NO. OF OBS.	310		310		310		310		310		
SEP	1002.4	2.8	26.3	1.4	22.8	2.6	81	4	5	68.3	6.2
NO. OF OBS.	298		298		298		298		298		
OCT	1006.8	3.9	23.6	2.2	18.6	4.5	66	5	7	72.7	7.1
NO. OF OBS.	310		310		310		310		310		
NOV	1011.3	3.4	19.2	3.1	13.9	5.9	51	4	6	73.7	6.0
NO. OF OBS.	300		300		300		300		300		
DEC	1013.1	3.5	15.7	3.4	10.3	6.6	68	4	6	72.7	5.9
NO. OF OBS.	310		310		310		310		310		
YEAR	1005.9	6.6	21.6	5.6	18.0	7.2	90	4	6	59.9	6.9
NO. OF OBS.	3642		3642		3642		3642		3642		

TABLE 2A MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 1000 MILLIBARS TIME OF ASCENT : 0800 HKT (0000 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	30	35	35	35	28	37	21	28	34	40	37	34	40
DATE	740131	710210	720301	720422	800507	760603	740701	750828	730914	741031	711123	801212	741031
MIN. SPEED	1	1	1	0	0	1	0	0	0	1	1	1	0
DATE	730101	720222	720309	750426	740502	750621	710703	750808	710906	741003	741107	721208	750426
SCALAR MEAN	10	10	12	10	9	8	7	6	8	12	10	10	10
VECTOR MEAN	6 5 8	7 4 8	8 4 10	9 2 7	10 3 5	14 9 3	21 4 4	13 1 1	6 7 5	5 7 10	4 3 9	5 1 8	7 1 6
CONSTANCY (%)	81	77	83	69	60	43	51	21	60	42	84	83	66
S. V. D.	8.2	9.4	9.0	9.5	9.0	9.0	7.4	7.0	9.0	9.5	7.9	7.9	9.5
NO. OF OBS.	308	280	306	290	280	137	123	102	285	285	298	306	2960
HEIGHT :													
MAXIMUM	207	247	256	192	153	119	111	110	136	195	237	244	256
DATE	780105	770222	770304	720410	740512	780610	790712	710814	720926	791022	751124	731225	770304
MINIMUM	89	57	58	40	-15	-23	-140	-59	13	-30	40	83	-140
DATE	800129	790221	800308	750428	780520	780630	710722	750814	740902	741019	741108	741202	710722
MEAN	171.4	161.8	146.3	117.2	84.4	59.9	47.6	46.9	87.6	125.0	162.5	176.3	115.5
S. D.	28.9	35.7	31.2	27.2	26.5	26.3	28.6	34.2	24.7	34.0	28.3	28.3	56.0
NO. OF OBS.	310	283	310	300	310	295	307	310	288	310	300	310	3643
TEMPERATURE :													
MAXIMUM	19.3	23.7	24.7	28.7	30.0	29.1	29.5	28.8	28.4	28.7	25.4	22.0	30.0
DATE	750101	730227	790330	800430	770520	800625	770716	770829	710905	741003	721109	741202	770520
MINIMUM	4.5	5.1	8.2	10.4	17.3	21.5	24.4	22.9	20.9	13.0	7.7	2.9	2.9
DATE	710130	720209	780302	740402	760505	800604	750722	760825	710931	781029	751124	751214	751214
MEAN	13.2	13.9	17.1	21.0	24.5	26.8	27.7	26.9	26.1	23.1	18.5	15.0	19.9
S. D.	2.9	4.1	5.1	5.0	2.2	1.7	1.2	1.1	1.4	2.3	3.2	3.5	5.7
NO. OF OBS.	309	282	309	295	282	137	123	102	256	285	298	310	2978
DEW POINT :													
MAXIMUM	19.0	22.2	22.7	24.7	26.4	26.3	28.1	26.4	26.3	24.9	23.2	21.8	28.1
DATE	720124	790233	790331	750437	730518	790630	770716	800831	800906	741001	721115	741202	770716
MINIMUM	-11.6	-11.3	-7.3	5.6	5.3	18.5	21.4	22.2	13.0	-4.2	-4.9	-12.9	-12.9
DATE	760111	740226	770305	740402	790530	790601	750733	720834	770932	781039	761136	731231	731231
MEAN	9.0	10.5	14.3	18.7	22.3	24.3	24.8	24.5	22.8	18.1	12.4	9.6	16.2
S. D.	5.2	6.2	5.1	3.8	2.8	1.5	1.0	.9	2.3	4.5	5.9	6.7	7.3
NO. OF OBS.	309	282	308	295	282	137	123	102	256	285	298	310	2977
REL. HUMIDITY													
MAXIMUM	99	100	99	99	99	99	98	98	100	98	96	99	100
DATE	720124	720201	780308	790402	790512	790610	730710	760825	800901	741031	791104	711218	720201
MINIMUM	21	23	26	49	51	73	65	77	50	30	25	17	17
DATE	760111	750221	770305	750402	790520	790601	750723	730807	760911	781029	761126	731231	731231
MEAN	77.0	81.3	84.5	87.0	87.7	86.4	84.9	86.8	82.8	74.9	69.4	72.8	80.3
S. D.	14.7	15.0	13.0	8.9	8.5	5.5	5.6	4.9	8.6	13.3	15.1	17.7	14.0
NO. OF OBS.	309	282	308	295	282	137	123	102	256	285	298	310	2977
HUMIDITY D.K.													
MAXIMUM	14.036	17.185	17.731	20.073	22.280	22.145	24.707	22.280	22.145	20.322	18.292	16.760	24.707
DATE	720124	790223	790331	750427	730518	790620	770716	800831	800906	741001	721115	741202	770716
MINIMUM	1.554	1.618	2.217	5.733	5.614	13.595	16.345	17.185	9.498	2.810	2.665	1.422	1.422
DATE	760111	740226	770305	740402	790520	790601	750723	720824	770922	781029	761126	731231	731231
MEAN	7.639	8.631	10.817	14.106	17.462	19.654	20.280	19.877	18.014	13.744	9.744	8.209	12.825
S. D.	2.429	3.220	3.091	3.137	2.574	1.679	1.190	1.124	2.342	3.429	3.326	3.044	5.170
NO. OF OBS.	309	282	308	294	282	136	123	102	256	295	298	310	2975

TABLE 3A MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 950 MILLIBARS TIME OF ASCENT : 0800 HKT (0000 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	35	30	27	35	32	45	46	35	46	45	40	33	46
DATE	710108	750213	770304	740428	770529	760603	800722	710816	760919	741019	791118	801212	800722
MIN. SPEED	1	1	1	1	1	1	1	1	1	1	1	1	1
DATE	760131	710216	740307	710408	710508	790612	710715	760817	720923	741004	761115	721224	760131
SCALAR MEAN	11	11	12	11	11	12	12	11	12	13	13	12	12
VECTOR MEAN	79 8	97 7	110 9	127 7	150 5	181 6	196 4	139 2	76 7	69 13	60 11	67 10	95 6
CONSTANCY (%)	76	69	72	62	47	47	31	20	64	85	89	87	50
S. V. D.	9.0	9.7	10.0	10.5	11.2	13.0	13.9	12.8	11.6	10.9	8.1	8.0	12.2
NO. OF OBS.	309	281	307	295	306	290	306	309	287	310	300	305	3615
HEIGHT :													
MAXIMUM	672	672	681	626	598	575	567	564	586	636	660	667	681
DATE	780105	770222	770304	800402	740512	780610	790712	710827	730929	791022	751124	781202	770304
MINIMUM	489	494	486	479	440	425	509	395	455	412	480	527	309
DATE	800129	790221	800308	730411	760526	740612	730717	750814	740901	741019	741109	741202	730717
MEAN	602.2	593.9	583.6	560.8	533.7	511.0	499.4	497.6	538.5	571.1	601.1	609.6	558.5
S. D.	26.2	31.3	27.5	24.0	25.8	28.1	40.3	35.2	26.1	33.0	25.0	24.7	49.4
NO. OF OBS.	310	283	310	300	310	294	307	310	298	310	300	310	3642
TEMPERATURE :													
MAXIMUM	19.3	20.3	22.8	24.6	27.1	27.1	28.7	27.1	25.8	24.8	22.5	20.3	28.7
DATE	790127	790232	780329	750437	760536	760629	710731	740831	800904	751001	721104	741203	710731
MINIMUM	2.2	2.6	6.4	7.7	14.1	19.5	21.0	20.7	17.8	11.2	6.3	2.2	2.2
DATE	710131	740208	760301	740402	760505	790614	720727	760824	710930	781029	791119	731225	740208
MEAN	11.5	12.5	15.3	18.7	21.9	23.7	24.4	24.0	22.9	20.1	15.9	12.9	18.6
S. D.	3.3	4.4	4.5	5.0	1.9	1.4	1.1	1.1	1.3	2.1	3.0	3.4	5.4
NO. OF OBS.	310	283	310	300	310	294	307	310	298	310	300	310	3642
DEW POINT :													
MAXIMUM	18.8	19.5	21.6	24.1	24.7	24.9	25.8	26.0	25.1	23.0	20.8	19.4	26.0
DATE	800129	790223	780329	750427	770520	800630	770716	740821	800904	741001	721115	741201	740821
MINIMUM	-16.0	-12.6	-10.9	4.3	4.1	5.3	15.3	12.0	8.3	-6.6	-9.1	-17.8	-17.8
DATE	760111	740226	770305	750402	790520	790601	800726	770831	770922	781029	761126	731231	731231
MEAN	7.5	9.1	12.8	16.6	20.1	22.1	22.4	22.0	20.3	16.2	10.8	7.8	15.7
S. D.	5.6	6.3	5.3	5.7	2.7	1.9	1.6	1.7	2.5	4.3	5.7	6.6	7.1
NO. OF OBS.	310	283	309	300	310	294	307	310	298	310	300	310	3641
REL. HUMIDITY													
MAXIMUM	100	100	100	100	100	100	100	100	100	100	99	99	100
DATE	750108	750226	780315	760405	740511	750605	710709	760817	760927	781003	721113	711218	750108
MINIMUM	19	25	23	45	32	37	51	50	42	28	21	14	14
DATE	760111	750221	770305	780413	790520	790601	800726	770831	770911	781029	761126	731231	731231
MEAN	78.8	82.5	86.1	86.4	90.0	90.7	89.2	89.0	85.9	79.9	73.4	73.7	83.9
S. D.	17.2	15.9	13.1	10.0	9.0	7.0	7.5	8.4	10.5	14.5	16.8	19.4	14.4
NO. OF OBS.	310	283	309	300	310	294	307	310	298	310	300	310	3641
HUMIDITY M.R.													
MAXIMUM	14.604	15.272	17.447	20.594	21.165	21.429	22.648	22.928	21.694	19.045	16.589	15.175	22.928
DATE	800129	790223	780329	750427	770520	800630	770716	740821	800904	741001	721115	741201	740821
MINIMUM	1.160	1.534	1.754	5.510	5.432	5.912	11.645	9.360	7.282	2.464	2.028	.997	.997
DATE	760111	740226	770305	750402	790520	790601	800726	770831	770922	781029	761126	731231	731231
MEAN	7.344	8.261	10.548	13.019	16.074	18.066	18.473	17.928	16.285	12.759	9.160	7.595	12.949
S. D.	2.487	3.079	3.012	2.828	2.394	1.884	1.764	1.849	2.322	3.120	3.025	2.807	4.883
NO. OF OBS.	310	283	309	300	310	294	307	310	298	310	300	310	3641

TABLE 4A MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 900 MILLIBARS TIME OF ASCENT : 0800 HKT (0000 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	40	32	33	40	37	44	65	47	63	55	39	40	65
DATE	710108	740204	770304	740428	800523	760603	800722	730821	760919	741019	791118	741202	800722
MIN. SPEED	1	1	1	1	1	1	1	1	1	1	1	1	1
DATE	720114	760229	750316	730404	740523	780604	800726	710829	720929	741003	771124	721215	720114
SCALAR MEAN	10	11	12	12	13	15	15	14	14	17	14	12	13
VECTOR MEAN	101 5	145 5	152 7	168 8	187 8	188 9	183 6	147 4	89 9	79 14	69 12	75 9	122 5
CONSTANCY (%)	52	47	56	61	60	60	59	71	67	84	85	73	41
S. V. D.	10.6	11.6	12.1	11.6	12.1	14.2	16.6	15.5	13.8	13.2	10.0	10.5	14.3
NO. OF OBS.	309	281	307	295	306	290	306	309	297	310	300	304	3614
HEIGHT :													
MAXIMUM	1117	1118	1126	1082	1063	1044	1042	1036	1056	1096	1108	1121	1126
DATE	780104	770222	770304	800402	740512	780610	790712	710827	770930	791021	791118	781202	770304
MINIMUM	955	958	952	947	919	895	782	870	924	880	948	990	782
DATE	800129	790221	800308	730411	760526	740612	730717	750814	740901	741019	741109	741202	730717
MEAN	1054.3	1047.5	1042.2	1025.2	1003.2	983.5	972.9	970.7	1009.4	1036.8	1060.0	1063.9	1022.4
S. D.	24.2	27.7	24.1	21.3	24.3	28.0	40.0	34.7	26.0	31.8	22.2	22.2	42.7
NO. OF OBS.	310	283	310	300	310	294	307	310	298	310	300	310	3642
TEMPERATURE :													
MAXIMUM	17.8	18.5	19.9	23.2	26.0	24.5	26.6	26.9	25.0	22.9	21.3	19.2	26.9
DATE	800129	770227	780331	790425	760526	760629	710726	760810	800904	751012	741107	741201	760810
MINIMUM	1.2	0	3.8	6.9	12.7	15.9	18.0	17.1	13.6	9.2	4.0	.6	0
DATE	800131	740226	720301	720409	760505	790614	720727	710817	710920	781030	751123	731225	740226
MEAN	10.8	11.6	14.3	17.2	19.6	20.9	21.4	21.3	20.3	17.8	14.4	12.0	16.8
S. D.	3.1	3.9	3.2	2.5	1.7	1.5	1.4	1.3	1.6	2.1	2.9	3.4	4.6
NO. OF OBS.	310	283	310	300	310	294	307	310	298	310	300	310	3642
DEW POINT :													
MAXIMUM	16.1	17.0	18.5	22.5	22.1	22.7	22.8	23.3	23.8	20.0	18.0	16.8	23.8
DATE	750108	760228	790315	750427	770529	780625	730722	790803	800904	761024	721115	741203	800904
MINIMUM	-16.6	-13.0	-11.8	-2	1.2	8.9	5.4	8.4	7.9	-9.6	-10.4	-20.6	-20.6
DATE	780121	790201	720305	790421	790520	790604	750728	740826	770911	781029	761127	731231	731231
MEAN	6.4	7.9	11.2	14.2	17.1	18.5	18.4	18.5	17.3	13.6	8.9	6.1	13.2
S. D.	5.8	6.0	5.1	3.6	2.7	2.0	2.3	2.0	2.3	4.3	5.8	6.7	6.4
NO. OF OBS.	310	283	309	300	310	294	307	310	298	310	300	310	3641
REL. HUMIDITY													
MAXIMUM	100	99	100	100	100	100	100	100	100	100	99	99	100
DATE	750108	720223	780315	720402	730514	750605	730716	710817	730905	761002	731110	711218	750108
MINIMUM	16	23	24	30	28	49	30	49	46	18	18	12	12
DATE	710108	750221	770305	750419	790520	740606	750728	710826	730926	731028	761127	731231	731231
MEAN	76.8	80.0	83.4	83.7	86.1	86.9	83.9	85.0	83.6	78.2	72.0	70.3	80.8
S. D.	18.4	17.6	14.5	13.5	10.5	9.5	11.8	10.0	11.1	15.2	18.4	19.7	15.5
NO. OF OBS.	310	283	309	300	310	294	307	310	298	310	300	310	3641
HUMIDITY M.R.													
MAXIMUM	12.956	13.736	15.131	19.506	19.022	19.752	19.876	20.506	21.155	16.653	14.652	13.559	21.155
DATE	750108	760228	790315	750427	770529	780625	730722	790803	800904	761024	721115	741203	800904
MINIMUM	1.144	1.566	1.726	4.330	4.657	8.010	6.283	7.739	7.478	2.057	1.931	.827	.827
DATE	780121	790201	720305	790421	790520	790604	750728	740826	770911	781029	761127	731231	731231
MEAN	7.174	8.005	9.811	11.702	13.984	15.273	15.208	15.286	14.114	11.361	8.523	7.159	11.471
S. D.	2.350	2.711	2.626	2.507	2.105	1.795	2.069	1.880	1.949	2.749	2.832	2.589	3.919
NO. OF OBS.	310	283	309	300	310	294	307	310	298	310	300	310	3641

TABLE 5A MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 850 MILLIBARS TIME OF ASCENT : 0800 HKT (0000 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	42	40	36	36	41	48	67	44	56	62	40	44	67
DATE	710108	790221	780309	740428	800523	740612	800722	730821	760919	741019	731126	741202	800722
MIN. SPEED	1	1	1	1	1	1	1	1	1	1	1	1	1
DATE	740119	710214	720310	750423	760523	750613	750720	710802	710924	761015	731115	721209	740119
SCALAR MEAN	10	12	13	13	13	17	16	15	14	15	12	10	13
VECTOR MEAN	206 2	217 7	209 8	204 9	210 10	195 11	177 7	150 5	94 9	84 12	67 7	74 4	162 4
CONSTANCY (%)	19	55	59	68	74	66	43	36	65	77	62	36	31
S. V. D.	11.7	12.6	12.6	11.9	11.4	14.8	17.4	16.4	14.3	14.3	11.6	11.8	15.2
NO. OF OBS.	309	281	307	295	306	290	306	309	296	310	300	304	3613
HEIGHT :													
MAXIMUM	1592	1590	1595	1565	1552	1541	1539	1528	1552	1584	1586	1599	1599
DATE	780104	770222	770304	800402	740512	800623	750719	710827	790914	791021	791113	781202	781202
MINIMUM	1442	1446	1440	1439	1419	1388	1277	1368	1417	1371	1438	1427	1277
DATE	800129	790221	800308	730411	760527	720606	730717	750814	740901	741019	741109	741202	730717
MEAN	1530.5	1525.4	1524.9	1512.8	1495.2	1477.9	1468.1	1465.7	1502.4	1525.3	1542.3	1542.0	1509.4
S. D.	23.3	25.4	21.9	19.7	23.2	28.0	29.8	34.1	25.9	31.1	20.4	21.0	37.5
NO. OF OBS.	310	283	310	300	310	294	307	310	298	310	300	310	3642
TEMPERATURE :													
MAXIMUM	15.7	21.3	20.8	20.9	22.4	22.0	23.8	22.5	22.0	20.6	19.8	17.4	23.8
DATE	800103	730228	770314	750418	760526	780630	710721	760810	750923	801013	741107	741203	710721
MINIMUM	2.4	-1.5	.6	6.3	11.2	13.4	15.4	13.5	10.6	8.6	4.1	1.5	-1.5
DATE	740102	740227	720301	720409	710507	790614	730709	710817	710920	711014	751124	731225	740227
MEAN	9.6	10.4	12.9	15.4	17.4	18.5	19.0	18.8	17.8	15.8	12.9	10.7	14.9
S. D.	2.5	3.7	3.0	2.2	1.7	1.3	1.4	1.4	1.9	2.7	2.7	2.7	4.0
NO. OF OBS.	310	283	310	300	310	294	307	310	298	310	300	310	3642
DEW POINT :													
MAXIMUM	14.4	14.7	16.1	19.8	18.9	19.8	21.3	19.6	20.8	18.1	17.8	15.7	21.3
DATE	750126	750205	800305	720418	770531	780607	800711	800830	800904	781003	741129	741203	800711
MINIMUM	-26.0	-18.0	-15.7	-9.1	-1.3	5.6	1.5	7.2	-1.3	-15.1	-19.5	-23.8	-26.0
DATE	710108	770210	720303	770403	740521	720625	750727	740806	750907	731028	761125	731231	710108
MEAN	4.1	5.8	8.9	11.0	13.9	15.2	15.1	15.4	14.5	10.6	6.4	3.9	10.4
S. D.	6.3	5.7	5.2	4.2	2.9	2.6	2.9	2.3	2.7	5.1	6.5	7.3	6.4
NO. OF OBS.	310	283	309	300	310	294	307	310	298	310	300	310	3641
REL. HUMIDITY													
MAXIMUM	100	100	100	100	100	100	100	100	100	100	99	99	100
DATE	750126	710207	730318	790405	730518	760603	730716	710817	780929	781003	731128	711218	750126
MINIMUM	8	14	17	19	24	39	28	47	26	12	11	9	8
DATE	710108	770210	770317	730405	740521	720625	750727	710826	750907	731028	761125	731231	710108
MEAN	72.0	75.7	79.2	77.3	81.5	82.3	79.5	81.5	81.7	73.9	68.5	67.2	76.7
S. D.	20.7	19.2	18.3	17.5	13.6	13.0	14.0	11.9	12.3	18.1	21.6	22.4	18.0
NO. OF OBS.	310	283	309	300	310	294	307	310	298	310	300	310	3641
HUMIDITY M.R.													
MAXIMUM	12.283	12.528	13.733	17.433	16.458	17.434	19.182	17.212	18.584	15.634	15.334	13.377	19.182
DATE	750126	750205	800305	720418	770531	780607	800711	800830	800904	781003	741129	741203	800711
MINIMUM	.542	1.095	1.328	2.265	4.107	6.750	5.040	7.546	4.107	1.396	.963	.661	.542
DATE	710108	770210	720303	770403	740521	720625	750727	740806	750907	731028	761125	731231	710108
MEAN	6.529	7.271	8.910	10.103	12.098	13.148	13.086	13.230	12.488	9.986	7.718	6.600	10.100
S. D.	2.163	2.330	2.434	2.488	2.106	2.079	2.196	1.906	1.975	2.772	2.805	2.556	3.453
NO. OF OBS.	310	283	309	300	310	294	307	310	298	310	300	310	3641

TABLE 6A MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 800 MILLIBARS TIME OF ASCENT : 0800 HKT (0000 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	35	38	35	40	42	46	72	48	60	62	43	42	72
DATE	750115	790221	750311	740401	800523	760603	800725	750822	760919	751014	731126	741202	800725
MIN. SPEED	1	1	1	1	1	2	1	1	1	1	1	1	1
DATE	720119	750222	730324	740416	790524	780604	740728	710824	720929	801010	781116	741224	720119
SCALAR MEAN	13	16	15	15	14	17	16	15	14	13	11	11	14
VECTOR MEAN	260 8	249 12	243 12	230 12	224 11	201 12	175 7	151 6	99 8	85 9	49 3	281 2	212 5
CONSTANCY (%)	59	78	76	78	79	69	45	38	59	64	29	20	33
S. V. D.	12.5	12.8	12.5	12.0	11.2	15.0	17.7	16.3	14.4	14.6	12.2	12.4	15.8
NO. OF OBS.	308	281	307	294	306	291	306	309	296	309	300	304	3611
HEIGHT :													
MAXIMUM	2096	2093	2099	2076	2068	2064	2062	2050	2071	2098	2094	2103	2103
DATE	780104	780225	770324	800402	740512	800623	750719	750831	790914	781024	741120	781202	781202
MINIMUM	1953	1964	1957	1960	1942	1905	1797	1887	1932	1886	1954	1988	1797
DATE	800129	790221	800308	730411	760527	720606	730717	760824	750924	741019	741109	711226	730717
MEAN	2032.7	2029.4	2034.0	2026.3	2012.4	1997.3	1988.5	1985.6	2020.3	2039.5	2050.9	2046.1	2021.9
S. D.	23.5	24.3	20.7	18.7	22.4	28.1	39.7	33.6	26.0	30.5	19.8	21.0	33.7
NO. OF OBS.	310	283	310	300	310	295	307	310	298	310	300	310	3643
TEMPERATURE :													
MAXIMUM	13.5	19.3	19.7	18.8	19.2	20.1	20.8	22.0	20.8	18.6	17.4	16.3	22.0
DATE	780101	730238	800331	790426	740521	780612	790721	770813	800904	801010	741129	741203	770813
MINIMUM	1	0	-.5	5.3	8.7	10.5	12.3	11.4	11.1	8.2	2.9	1.5	-.5
DATE	740101	740211	720301	720409	710509	790614	730709	710817	710921	711012	751124	731225	720301
MEAN	7.6	8.7	11.5	13.5	15.0	16.1	16.6	16.3	15.2	14.0	11.2	8.7	12.9
S. D.	2.2	2.5	2.9	2.3	1.6	1.5	1.5	1.3	1.4	1.8	2.5	2.4	3.8
NO. OF OBS.	310	283	310	300	310	295	307	310	298	310	300	310	3643
DEW POINT :													
MAXIMUM	12.4	13.1	15.4	15.5	16.9	17.9	18.1	17.8	17.8	15.5	15.9	12.1	18.1
DATE	750126	790232	780331	800422	800502	800626	800711	800830	800904	751025	741130	741203	800711
MINIMUM	-32.5	-25.9	-24.1	-16.3	-4.8	-3.5	-3.4	1.1	-1.6	-15.1	-20.8	-28.1	-32.5
DATE	710108	770210	720303	770401	770504	800621	760718	760817	750901	731028	761124	751222	710108
MEAN	1.4	3.4	5.2	7.6	10.8	11.9	11.6	12.2	11.2	7.1	3.5	1.4	7.3
S. D.	6.4	5.4	6.1	5.0	3.4	3.1	3.5	2.9	2.8	6.2	7.2	7.6	6.6
NO. OF OBS.	310	283	309	300	310	295	307	310	298	310	300	310	3642
REL. HUMIDITY													
MAXIMUM	100	99	99	100	100	100	100	100	100	100	100	100	100
DATE	750120	710206	740320	780407	800508	760603	730716	710817	730903	731010	721118	801222	750120
MINIMUM	5	8	11	14	20	25	21	31	25	13	12	7	5
DATE	710108	770210	710324	770401	740521	800621	760718	800814	750901	731028	761124	751222	710108
MEAN	69.1	72.5	70.0	71.3	77.5	77.8	74.5	78.0	78.4	67.7	64.2	65.9	72.2
S. D.	21.3	19.8	22.5	21.3	15.7	15.2	16.8	14.0	14.1	22.8	23.7	24.5	20.2
NO. OF OBS.	310	283	309	300	310	295	307	310	298	310	300	310	3642
HUMIDITY M.R.													
MAXIMUM	11.437	11.985	13.953	14.045	15.390	16.421	16.634	16.315	16.315	14.044	12.639	11.209	16.634
DATE	750126	790222	780331	800422	800502	800626	800711	800830	800904	751025	741130	741203	800711
MINIMUM	.313	.581	.683	1.342	3.357	3.704	3.732	5.203	4.268	1.483	.915	.475	.313
DATE	710108	770210	720303	770401	770504	800621	760718	760817	750901	731028	761124	751222	710108
MEAN	5.755	6.477	7.481	8.624	10.467	11.278	11.113	11.464	10.733	8.552	6.825	5.938	8.727
S. D.	1.940	2.021	2.434	2.480	2.109	2.109	2.326	2.043	1.822	2.930	2.704	2.461	3.127
NO. OF OBS.	310	283	309	300	310	295	307	310	298	310	300	310	3642

TABLE 7A MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 700 MILLIBARS TIME OF ASCENT : 0800 HKT (0000 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	45	41	40	40	40	52	60	49	58	66	42	39	66
DATE	780120	740208	790313	740401	800523	740613	800722	790802	760919	741019	731126	741202	741019
MIN. SPEED	2	2	3	3	1	1	2	1	0	1	1	1	0
DATE	760128	800216	710312	790414	800521	760625	730706	720802	780913	721004	711112	721202	780913
SCALAR MEAN	22	24	22	19	15	16	15	13	12	12	12	17	17
VECTOR MEAN	270 19	268 22	264 19	254 17	243 13	213 11	172 7	154 5	104 6	93 3	278 6	261 13	250 9
CONSTANCY (%)	87	92	89	91	85	66	45	36	47	27	48	77	54
S. V. D.	14.0	12.5	12.6	11.0	11.0	14.7	16.9	15.2	13.6	15.3	13.1	13.4	16.9
NO. OF OBS.	307	281	305	294	306	289	306	309	294	309	299	301	3600
HEIGHT :													
MAXIMUM	3195	3192	3218	3193	3191	3200	3195	3177	3214	3211	3209	3209	3218
DATE	780110	780225	770314	790424	780508	800623	750719	750831	800904	781023	741117	781204	770314
MINIMUM	3041	3048	3051	3084	3075	3032	2930	3011	3054	3007	3079	3080	2930
DATE	740102	740206	720301	720430	770529	740612	730717	760824	750924	741019	741109	721223	730717
MEAN	3125.4	3125.4	3140.8	3141.7	3135.1	3125.2	3117.8	3113.5	3144.3	3157.8	3157.9	3143.9	3135.8
S. D.	26.0	27.3	22.2	19.8	21.9	29.0	39.8	32.7	26.3	29.2	21.3	24.3	30.5
NO. OF OBS.	310	283	310	300	310	285	307	310	298	310	300	310	3643
TEMPERATURE :													
MAXIMUM	12.4	11.9	13.6	13.7	13.5	15.0	15.4	16.3	14.8	13.9	13.3	13.1	16.3
DATE	770128	730228	730301	750428	800521	780612	720714	750814	800904	741012	741128	741204	750814
MINIMUM	-3.7	-2.7	-1.7	2.6	5.7	7.3	6.9	6.3	6.0	4.0	.3	-5.1	-5.1
DATE	720116	710201	720302	720410	710511	770614	730720	710817	800924	721030	751126	731218	731218
MEAN	3.4	3.9	6.1	8.2	9.8	11.1	11.4	10.9	10.2	9.1	6.7	4.9	8.0
S. D.	3.4	3.3	2.4	1.9	1.4	1.4	1.4	1.4	1.4	1.8	2.5	3.3	3.6
NO. OF OBS.	310	283	310	300	310	285	307	310	298	310	300	310	3643
DEW POINT :													
MAXIMUM	5.4	6.5	7.6	9.1	11.7	12.5	12.8	12.3	10.4	10.3	9.5	7.8	12.8
DATE	750110	730226	750326	780428	780518	750605	790706	750808	800913	751008	741109	751209	790706
MINIMUM	-33.0	-36.2	-34.9	-27.6	-11.9	-14.5	-10.3	-7.6	-14.2	-24.5	-27.7	-40.3	-40.3
DATE	710111	770211	770305	770424	770505	800621	780710	740817	770911	711013	761108	751222	751222
MEAN	-7.6	-4.8	-2.6	.0	3.9	4.5	5.9	4.8	3.5	.3	-2.5	-6.1	-.2
S. D.	7.8	6.3	6.2	5.9	5.8	4.2	4.4	4.1	4.6	6.9	7.1	7.8	7.3
NO. OF OBS.	310	283	309	300	310	285	307	310	298	310	300	310	3642
REL. HUMIDITY													
MAXIMUM	100	100	99	100	99	99	100	100	100	100	99	99	100
DATE	760124	800227	750326	790406	780518	720605	730716	750808	730903	721011	741111	711222	760124
MINIMUM	4	4	4	5	20	18	20	24	14	8	5	3	3
DATE	740122	770210	770305	770424	770505	800621	780710	740817	770911	711013	761108	751222	751222
MEAN	53.9	60.0	58.4	60.9	68.6	66.6	62.6	68.4	66.4	59.4	57.6	52.4	61.2
S. D.	28.9	25.4	22.3	21.0	17.4	19.1	19.1	18.0	19.8	23.6	24.1	26.5	22.9
NO. OF OBS.	310	283	309	300	310	285	307	310	298	310	300	310	3642
HUMIDITY M.R.													
MAXIMUM	8.095	8.745	9.441	10.470	12.498	13.189	13.457	13.013	11.446	11.367	10.761	9.573	13.457
DATE	750110	730226	750326	780428	780518	750605	790706	750808	800913	751008	741109	751209	790706
MINIMUM	.341	.249	.283	.568	2.201	1.781	2.502	3.094	1.825	.753	.563	.163	.163
DATE	710111	770211	770305	770424	770505	800621	780710	740817	770911	711013	761108	751222	751222
MEAN	3.558	4.174	4.894	5.882	7.484	7.891	7.588	8.044	7.376	6.165	5.075	3.986	6.012
S. D.	1.732	1.596	1.754	1.917	1.826	2.097	2.234	2.082	2.039	2.416	2.194	1.972	2.548
NO. OF OBS.	310	283	309	300	310	295	307	310	298	310	300	310	3642

TABLE 8A MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 600 MILLIBARS TIME OF ASCENT : 0800 HKT (0000 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	66	69	60	61	38	50	60	49	54	63	41	53	69
DATE	780120	750214	720301	740401	800508	740613	800722	790802	740906	741019	731126	721228	750214
MIN. SPEED	8	6	5	3	1	1	1	1	1	1	2	3	1
DATE	740105	730201	720313	730424	740523	760625	720718	740806	720909	721003	731105	791209	740523
SCALAR MEAN	34	34	27	23	16	14	14	13	11	14	18	28	20
VECTOR MEAN	265 32	265 33	267 25	260 21	255 14	219 9	149 5	140 4	92 5	209 1	262 14	260 26	257 13
CONSTANCY (%)	95	95	93	93	84	61	38	30	41	8	77	93	66
S. V. D.	15.4	14.2	13.3	12.1	11.4	13.8	15.9	15.0	13.0	16.8	14.5	14.6	19.5
NO. OF OBS.	307	281	305	294	305	290	306	309	294	309	299	300	3599
HEIGHT :													
MAXIMUM	4455	4453	4475	4465	4469	4481	4475	4446	4501	4474	4491	4474	4501
DATE	750126	730201	770314	790424	780508	800623	790712	760816	800904	781024	741121	781204	800904
MINIMUM	4273	4267	4281	4335	4346	4302	4217	4272	4319	4275	4336	4311	4217
DATE	740102	710202	720302	720409	760528	720605	730717	710817	710919	741019	771116	721223	730717
MEAN	4366.5	4367.7	4389.9	4398.4	4401.8	4398.0	4392.0	4386.4	4413.4	4421.2	4412.2	4392.1	4395.0
S. D.	32.1	34.1	27.5	23.6	22.5	30.0	39.2	31.5	26.2	28.7	25.8	29.9	33.6
NO. OF OBS.	310	283	310	300	310	296	307	310	298	310	300	310	3644
TEMPERATURE :													
MAXIMUM	8.1	7.1	8.6	5.4	7.6	7.9	9.7	12.3	8.2	7.3	7.7	8.1	12.3
DATE	760118	750225	770302	730401	800524	720607	800710	750814	800913	751013	801107	761206	750814
MINIMUM	-10.5	-8.8	-7.3	-6.0	-1.3	.4	.6	.0	-.4	-1.4	-7.5	-6.6	-10.5
DATE	740111	710204	720302	720409	710514	710602	730709	790818	800901	731027	771124	801232	740111
MEAN	-.8	-.9	-.2	.6	2.9	4.2	4.6	4.4	3.6	2.6	1.3	.7	1.9
S. D.	3.0	3.1	2.4	1.8	1.6	1.5	1.5	1.6	1.4	1.7	2.6	2.8	2.9
NO. OF OBS.	310	283	310	300	310	296	307	310	298	310	300	310	3644
DEW POINT :													
MAXIMUM	1.1	-.6	.9	2.4	4.6	5.9	7.1	5.2	4.8	4.0	1.5	-.2	7.1
DATE	750112	720228	750326	740408	800523	780625	770720	760825	770925	751022	741109	741202	770720
MINIMUM	-41.9	-39.0	-37.9	-38.8	-23.9	-27.2	-27.1	-19.6	-27.3	-28.7	-34.3	-40.3	-41.9
DATE	720123	770211	760312	770424	770501	800621	750729	710824	800912	761002	761108	751232	720123
MEAN	-19.5	-17.0	-14.2	-8.0	-3.6	-2.9	-4.0	-2.7	-4.0	-6.2	-11.8	-16.2	-9.2
S. D.	8.2	7.5	7.7	6.0	4.9	4.9	5.5	4.8	5.3	6.3	8.1	7.8	8.8
NO. OF OBS.	310	283	309	300	310	296	307	310	298	310	300	310	3643
REL. HUMIDITY													
MAXIMUM	99	96	99	99	99	100	100	100	100	100	99	98	100
DATE	730119	740221	750326	740408	710511	720612	730717	710817	730903	721011	721120	721218	720612
MINIMUM	2	3	4	3	11	9	8	16	7	8	5	3	2
DATE	720123	770203	760312	770424	770501	800621	750729	710824	800912	761002	751119	751222	720123
MEAN	30.3	35.9	41.3	57.7	65.9	63.6	57.3	63.1	61.3	57.3	45.5	34.1	51.2
S. D.	25.5	25.3	25.1	21.6	20.9	21.0	20.7	19.7	20.9	22.4	27.4	25.0	26.1
NO. OF OBS.	310	283	309	300	310	296	307	310	298	310	300	310	3643
HUMIDITY M.R.													
MAXIMUM	6.952	6.137	6.852	7.639	9.069	9.801	10.660	9.329	9.069	8.567	7.157	6.321	10.660
DATE	750112	720228	750326	740408	800523	780625	770720	760825	770925	751022	741109	741202	770720
MINIMUM	.161	.218	.244	.223	.927	.687	.694	1.352	.681	.598	.350	.191	.161
DATE	720123	770211	760312	770424	770501	800621	750729	710824	800912	761002	761108	751222	720123
MEAN	1.701	1.907	2.504	3.802	5.167	5.474	5.122	5.517	5.057	4.396	3.070	2.168	3.835
S. D.	1.285	1.193	1.408	1.354	1.581	1.707	1.929	1.699	1.658	1.736	1.730	1.391	2.110
NO. OF OBS.	310	283	309	300	310	296	307	310	298	310	300	310	3643

TABLE 9A MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 500 MILLIBARS TIME OF ASCENT : 0800 HKT (0000 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	81	79	67	60	44	46	53	50	52	60	63	71	81
DATE	780119	710201	750315	790402	710506	740613	800722	790802	760919	741019	771120	721229	780119
MIN. SPEED	19	10	2	6	2	1	1	1	1	1	2	12	1
DATE	740106	710218	720314	780412	720527	760624	720718	720803	710927	791012	711107	751209	760624
SCALAR MEAN	47	46	36	28	17	13	14	13	11	16	25	38	25
VECTOR MEAN	266 46	264 45	265 35	258 27	263 14	226 6	118 5	105 4	82 5	254 4	261 21	261 36	261 18
CONSTANCY (%)	97	96	95	95	84	44	38	35	43	27	86	94	72
S. V. D.	17.4	17.2	15.3	12.9	12.4	13.8	15.6	14.8	12.6	18.3	17.3	17.1	24.1
NO. OF OBS.	307	281	305	294	305	290	306	308	293	308	298	300	3595
HEIGHT :													
MAXIMUM	5911	5911	5921	5927	5941	5955	5941	5916	5981	5936	5958	5930	5981
DATE	750126	730201	770322	790424	780508	800623	790713	800814	800904	791021	741121	781204	800904
MINIMUM	5689	5699	5724	5751	5790	5765	5698	5723	5769	5738	5745	5743	5689
DATE	740101	720210	720302	720409	710511	720605	730717	710817	710919	741019	711116	721222	740101
MEAN	5802.2	5803.8	5828.5	5842.5	5858.4	5862.1	5857.0	5851.1	5873.6	5875.1	5859.0	5834.5	5845.8
S. D.	38.4	40.4	34.3	29.5	24.5	30.7	37.7	29.9	26.7	29.1	31.8	35.6	40.0
NO. OF OBS.	310	283	310	300	310	296	307	310	298	310	300	310	3644
TEMPERATURE :													
MAXIMUM	-.6	.4	.9	-1.1	-.3	.1	1.9	1.3	.6	-.4	-.3	-1.5	1.9
DATE	730126	720227	720302	790407	760526	790630	790705	750814	790929	791018	741107	761207	790705
MINIMUM	-15.1	-15.4	-14.3	-11.8	-9.3	-8.0	-8.4	-8.6	-7.5	-11.3	-15.4	-14.3	-15.4
DATE	760115	740203	720313	750403	710514	770613	740738	710819	740952	761016	711116	791224	740203
MEAN	-8.2	-8.0	-7.8	-6.9	-4.9	-3.6	-3.5	-3.5	-4.3	-5.4	-6.4	-7.3	-5.8
S. D.	2.6	3.1	2.4	2.1	1.5	1.4	1.6	1.6	1.4	1.8	2.1	2.4	2.7
NO. OF OBS.	310	283	310	300	310	296	307	310	298	310	300	310	3644
DEW POINT :													
MAXIMUM	-8.5	-9.6	-8.0	-2.8	-3.8	-.5	-.1	-1.6	-1.8	-2.9	-5.6	-6.6	-.1
DATE	750112	710226	780324	740408	750517	790630	780729	760825	770925	741018	741110	741202	780729
MINIMUM		-44.7	-48.3	-41.8	-39.0	-32.5	-37.9	-26.9	-30.3	-39.3	-40.6	-45.4	
DATE		730202	770310	750422	770504	750623	760718	710824	770911	761002	761108	751222	
MEAN	-29.2	-27.6	-26.5	-19.6	-13.1	-11.1	-13.2	-11.8	-13.1	-15.6	-21.8	-26.0	-19.0
S. D.		6.7	7.6	7.1	6.4	6.0	6.6	5.7	5.8	6.7	8.2	7.4	
NO. OF OBS.	309	283	309	300	310	296	307	310	298	310	300	310	3642
REL. HUMIDITY													
MAXIMUM	98	94	99	99	98	99	100	100	99	98	97	98	100
DATE	720104	740220	740320	740408	780507	800602	780730	730827	800917	721011	721120	751221	780730
MINIMUM	1	3	2	5	8	5	15	12	6	15	5	3	1
DATE	720123	730202	770310	750421	770504	750623	760718	760804	770911	761002	751117	751222	720123
MEAN	70.7	73.7	76.3	82.2	87.9	81.3	82.4	87.0	85.0	80.1	75.4	76.2	82.4
S. D.	17.3	18.4	20.6	24.0	24.0	24.1	23.3	22.5	22.8	23.3	24.3	20.3	26.5
NO. OF OBS.	310	283	309	300	310	296	307	310	298	310	300	310	3643
HUMIDITY M.R.													
MAXIMUM	4.042	3.706	4.203	6.262	5.807	7.431	7.654	6.849	6.748	6.215	5.062	4.687	7.654
DATE	750112	710226	780324	740408	750517	790630	780729	760825	770925	741018	741110	741202	780729
MINIMUM	.080	.143	.096	.196	.262	.500	.293	.848	.617	.254	.222	.133	.080
DATE	720123	730202	770310	750422	770504	750623	760718	710824	770911	761002	761108	751222	720123
MEAN	.830	.940	1.084	1.896	3.090	3.611	3.135	3.385	3.058	2.575	1.663	1.158	2.202
S. D.	.660	.624	.784	1.065	1.300	1.474	1.525	1.391	1.298	1.265	1.116	.810	1.529
NO. OF OBS.	310	283	309	300	310	296	307	310	298	310	300	310	3643

TABLE 10A MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 400 MILLIBARS TIME OF ASCENT : 0800 HKT (0000 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	98	99	87	77	50	48	50	43	44	62	82	84	99
DATE	800131	790201	780317	780410	780514	740613	800722	790802	760919	791031	711116	801222	790201
MIN. SPEED	27	26	16	5	1	1	1	1	1	1	2	14	1
DATE	750104	720204	710305	750430	740523	710608	730710	710802	710909	771009	711106	741219	740523
SCALAR MEAN	61	59	51	37	18	12	14	13	12	19	34	48	32
VECTOR MEAN	263 59	263 58	262 49	263 36	269 15	235 2	96 8	92 6	71 5	264 8	263 30	262 46	262 24
CONSTANCY (%)	97	97	96	96	84	19	58	43	43	42	89	96	75
S. V. D.	20.0	19.6	19.2	16.1	15.7	14.2	14.1	14.2	13.3	20.8	22.0	20.0	30.2
NO. OF OBS.	307	281	305	294	302	289	305	308	292	308	298	298	3587
HEIGHT :													
MAXIMUM	7626	7630	7650	7658	7689	7699	7679	7666	7730	7674	7667	7655	7730
DATE	750126	730201	770302	790424	800521	800623	790713	760825	800904	791021	741121	791205	800904
MINIMUM	7384	7389	7404	7429	7490	7503	7462	7442	7484	7478	7422	7424	7384
DATE	740101	720210	740317	720409	710511	740613	710722	710817	710919	741030	711116	721222	740101
MEAN	7502.4	7503.5	7529.5	7548.9	7581.3	7593.7	7548.3	7582.0	7598.6	7592.6	7569.9	7548.0	7560.9
S. D.	42.6	46.8	42.3	38.1	28.8	32.2	35.3	29.0	28.3	31.2	37.6	42.4	49.6
NO. OF OBS.	310	283	310	300	310	296	305	310	298	310	300	310	3642
TEMPERATURE :													
MAXIMUM	-12.3	-11.0	-8.3	-8.8	-6.4	-10.0	-6.3	-8.3	-9.4	-8.8	-10.6	-12.5	-6.3
DATE	770127	770212	800308	740428	800521	710618	800712	750814	770925	741019	731124	751202	800712
MINIMUM	-26.6	-26.2	-26.6	-23.4	-19.3	-18.8	-19.7	-21.0	-19.4	-21.7	-21.8	-25.0	-26.6
DATE	710117	760217	720313	780412	720502	790614	740728	710819	780904	781019	711112	711223	710117
MEAN	-17.9	-18.3	-18.1	-17.6	-14.9	-13.6	-13.8	-13.8	-14.8	-15.9	-16.7	-17.9	-16.1
S. D.	2.8	2.9	2.6	2.1	1.7	1.5	2.0	1.9	1.6	1.9	1.9	2.2	2.8
NO. OF OBS.	310	283	310	300	310	296	305	310	298	310	300	310	3642
DEW POINT :													
MAXIMUM	-19.2	-21.1	-18.8	-11.2	-13.5	-10.6	-7.7	-11.1	-11.4	-10.9	-18.2	-15.2	-7.7
DATE	750106	780232	770330	740428	730506	710618	800712	780827	760919	741019	741104	741202	800712
MINIMUM					-43.2	-41.4	-47.6	-43.1	-40.4	-47.4			
DATE					730520	750615	760718	760829	760915	761002			
MEAN	-38.8	-37.6	-36.1	-31.0	-24.7	-22.4	-24.2	-23.2	-24.9	-28.0	-32.3	-35.9	-29.9
S. D.					6.4	6.1	6.6	6.3	5.9	6.8			
NO. OF OBS.	304	276	303	299	310	296	305	310	298	310	298	306	3615
REL. HUMIDITY													
MAXIMUM	96	88	96	98	96	98	95	98	98	89	93	97	98
DATE	780107	790211	740320	790426	710507	710607	710727	790806	740901	711026	721113	791203	790426
MINIMUM	3	2	3	5	6	6	5	7	9	5	4	3	2
DATE	740129	710204	750306	740423	730520	750615	760718	760829	760915	751020	761107	761204	710204
MEAN	16.9	20.2	23.8	35.2	48.5	53.0	46.1	49.8	46.4	39.8	30.3	23.0	36.1
S. D.	13.9	16.5	19.3	20.5	23.1	22.6	21.4	22.5	21.6	21.2	21.4	16.9	23.7
NO. OF OBS.	310	283	309	300	310	296	305	310	298	310	300	310	3641
HUMIDITY M.R.													
MAXIMUM	2.100	1.781	2.173	4.081	3.386	4.282	5.386	4.114	4.016	4.180	2.287	2.944	5.386
DATE	750106	780222	770330	740428	730506	710618	800712	780827	760919	741019	741104	741202	800712
MINIMUM	.100	.100	.100	.100	.210	.255	.130	.213	.283	.133	.100	.100	.100
DATE	720123	710204	750306	740423	730520	750615	760718	760829	760915	761002	761107	751205	720123
MEAN	.388	.435	.531	.837	1.473	1.790	1.568	1.676	1.426	1.124	.782	.528	1.048
S. D.	.290	.301	.389	.505	.728	.824	.864	.845	.712	.662	.540	.373	.797
NO. OF OBS.	310	283	309	300	310	296	305	310	298	310	300	310	3641

TABLE 11A MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 350 MILLIBARS TIME OF ASCENT : 0800 HKT (0000 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	101	108	102	89	50	48	62	53	42	74	95	99	108
DATE	800118	760204	780311	730406	780514	800604	710722	790802	760919	791030	711116	791224	760204
MIN. SPEED	30	23	15	9	3	2	1	1	1	2	1	19	1
DATE	750104	720204	710304	750430	750501	710604	720728	760817	740921	751021	711106	741203	720728
SCALAR MEAN	67	66	57	43	20	13	14	13	21	37	37	53	35
VECTOR MEAN	262 65	261 64	260 55	263 41	272 17	277 1	91 9	89 7	69 5	266 10	262 34	261 51	262 26
CONSTANCY (%)	97	97	97	96	83	6	65	48	39	48	91	96	75
S. D.	20.9	23.0	20.4	18.8	15.1	15.4	14.0	14.5	14.2	22.6	23.1	21.8	33.2
NO. OF OBS.	307	281	304	294	301	288	303	308	291	308	298	296	3579
HEIGHT :													
MAXIMUM	8617	8625	8652	8656	8715	8708	8690	8689	8740	8679	8673	8648	8740
DATE	750126	730201	770302	790424	800521	800623	790713	760825	800904	791021	741121	791205	800904
MINIMUM	8380	8358	8366	8409	8472	8493	8484	8439	8481	8472	8413	8393	8356
DATE	710130	750213	760304	720409	720502	790614	710722	710817	710919	791026	711116	711223	750213
MEAN	8488.1	8487.8	8514.8	8535.3	8579.0	8596.7	8590.7	8584.4	8596.7	8586.1	8560.2	8523.6	8553.8
S. D.	45.1	50.4	47.0	43.7	32.7	33.8	35.4	30.2	30.3	33.8	40.9	46.3	56.2
NO. OF OBS.	310	283	310	300	310	285	305	310	298	310	300	310	3641
TEMPERATURE :													
MAXIMUM	-18.7	-18.5	-16.6	-16.9	-15.6	-16.0	-10.6	-14.2	-15.5	-12.7	-17.8	-18.7	-10.6
DATE	730103	750214	800308	740428	790517	720617	800712	780827	770925	741019	791104	751201	800712
MINIMUM	-33.2	-31.6	-32.2	-31.3	-28.0	-26.1	-26.0	-27.0	-25.8	-28.7	-28.6	-31.5	-33.2
DATE	760130	800224	720313	740402	720502	790614	740728	720831	720906	791027	761108	771226	760130
MEAN	-24.3	-24.7	-24.4	-24.4	-21.6	-20.1	-20.2	-20.3	-21.4	-22.6	-23.3	-24.4	-22.6
S. D.	2.6	2.5	2.4	2.1	1.8	1.7	2.1	2.0	1.7	2.1	1.8	2.1	2.8
NO. OF OBS.	310	283	310	300	310	284	305	310	298	310	300	310	3640
DEW POINT :													
MAXIMUM	-26.4	-27.7	-25.1	-19.8	-19.7	-17.2	-12.9	-16.6	-19.2	-15.1	-24.6	-22.1	-12.9
DATE	750106	710225	770330	740428	730530	710607	800712	780827	770925	741019	741108	741202	800712
MINIMUM						-47.5							
DATE						720607							
MEAN				-36.7	-31.8	-29.6	-30.7	-30.1	-32.1	-35.0			
S. D.						5.9							
NO. OF OBS.	257	243	267	290	309	284	303	309	297	308	279	285	3441
REL. HUMIDITY													
MAXIMUM	90	83	94	91	86	97	95	91	90	88	93	86	97
DATE	780107	790211	740320	740408	730530	710607	710727	730808	710930	721014	761129	711221	710607
MINIMUM	3	1	3	4	5	8	5	6	5	5	4	3	1
DATE	730124	730202	750306	770424	770521	780630	750729	750803	760930	751020	761107	761204	730202
MEAN	15.7	19.0	23.3	34.9	44.1	47.6	42.7	45.9	41.5	36.1	27.8	21.7	33.4
S. D.	11.7	14.8	18.4	20.2	21.3	21.2	20.2	21.5	19.6	19.9	19.7	15.3	21.8
NO. OF OBS.	310	283	309	300	310	294	305	310	298	310	300	310	3639
HUMIDITY M.R.													
MAXIMUM	1.268	1.125	1.427	2.279	2.299	2.846	4.067	2.994	2.400	3.394	1.493	1.865	4.067
DATE	750106	710225	770330	740428	730530	710607	800712	780827	770925	741019	741108	741202	800712
MINIMUM	.114	.114	.114	.114	.114	.150	.114	.114	.114	.114	.114	.114	.114
DATE	710111	710204	710324	740402	770521	720607	750729	760829	760930	711013	711113	711230	710111
MEAN	.242	.275	.345	.525	.870	1.068	.973	1.032	.834	.656	.466	.329	.635
S. D.	.153	.180	.244	.313	.450	.523	.572	.557	.431	.421	.319	.232	.491
NO. OF OBS.	310	283	309	300	310	294	305	310	298	310	300	310	3639

TABLE 12A MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 300 MILLIBARS TIME OF ASCENT : 0800 HKT (0000 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	113	122	108	89	57	57	60	59	45	80	96	107	122
DATE	790127	790213	760304	730406	780514	800604	710722	790802	770908	791031	771122	771229	790213
MIN. SPEED	36	38	18	9	3	2	1	1	1	1	1	17	1
DATE	740122	740209	710306	750430	710524	740626	730709	790805	720901	711015	741106	741202	730709
SCALAR MEAN	71	70	61	48	22	14	17	15	14	24	41	58	38
VECTOR MEAN	261 69	261 68	260 59	264 47	278 18	28 2	85 12	83 8	60 4	267 13	263 38	261 56	263 28
CONSTANCY (%)	97	97	97	96	82	16	69	53	29	53	92	96	75
S. V. D.	22.7	25.0	21.3	20.8	16.9	16.2	15.1	15.4	15.6	24.7	24.0	23.1	36.0
NO. OF OBS.	307	281	304	293	300	288	303	308	290	308	298	296	3576
HEIGHT :													
MAXIMUM	9732	9741	9769	9768	9856	9837	9820	9835	9875	9804	9791	9765	9875
DATE	800104	730201	770302	790424	800521	800623	790713	760825	800904	791021	741121	791202	800904
MINIMUM	9478	9452	9462	9491	9571	9587	9628	9561	9598	9560	9522	9472	9452
DATE	760116	780216	760304	740402	720502	790614	720727	710817	710919	791026	771124	711223	780216
MEAN	9594.2	9592.4	9620.7	9641.0	9696.9	9721.5	9715.1	9708.7	9714.9	9699.1	9670.2	9629.2	9667.2
S. D.	48.4	54.1	51.8	49.3	37.8	36.8	37.8	33.2	33.7	38.4	44.5	50.3	63.8
NO. OF OBS.	310	283	310	300	310	294	305	310	298	310	300	310	3640
TEMPERATURE :													
MAXIMUM	-26.7	-25.0	-26.5	-26.9	-22.9	-23.5	-20.2	-21.1	-23.2	-21.9	-26.5	-26.9	-20.2
DATE	800109	800226	800308	740428	740530	750621	800712	780827	770925	741019	741109	741202	800712
MINIMUM	-41.0	-40.3	-37.9	-38.0	-34.0	-35.6	-34.1	-33.8	-34.7	-37.2	-35.4	-39.8	-41.0
DATE	760129	800223	780302	740401	740512	790614	710729	760828	760902	791025	751108	771226	760129
MEAN	-32.0	-32.3	-32.0	-32.2	-29.7	-28.1	-28.2	-28.2	-29.6	-30.8	-31.3	-32.5	-30.5
S. D.	2.2	2.1	2.0	1.9	1.8	1.7	2.1	2.0	1.8	2.2	1.6	1.8	2.7
NO. OF OBS.	310	283	310	300	310	294	304	310	298	310	300	310	3639
DEW POINT :													
MAXIMUM	-33.9	-37.0	-32.4	-30.3	-27.5	-24.6	-23.3	-24.2	-27.5	-24.6	-30.3	-30.0	-23.3
DATE	750106	790210	770330	740428	740530	710607	800712	780827	770925	741019	741108	741202	800712
MINIMUM													
DATE													
MEAN					-39.3	-37.3	-38.2		-40.0				
S. D.													
NO. OF OBS.	116	114	169	243	300	287	293	294	290	274	209	174	2763
REL. HUMIDITY													
MAXIMUM	95	81	85	86	85	94	93	89	82	83	85	83	94
DATE	750106	780221	740320	740408	730530	710607	710727	720822	710930	721014	741108	711221	710607
MINIMUM	3	2	3	4	5	6	5	4	5	4	4	3	2
DATE	730124	710204	750311	770415	770521	750615	760718	750803	760930	751020	761107	761204	710204
MEAN	14.7	17.4	21.6	33.6	41.4	44.3	40.0	43.5	38.6	33.7	25.6	20.1	31.2
S. D.	8.9	12.2	16.6	18.8	18.6	19.9	19.0	20.6	18.3	18.7	17.4	13.2	20.0
NO. OF OBS.	308	282	309	300	310	294	304	309	298	310	300	310	3634
HUMIDITY M.R.													
MAXIMUM	.727	.534	.841	1.029	1.337	1.742	1.957	1.806	1.337	1.742	1.029	1.058	1.957
DATE	750106	790210	770330	740428	740530	710607	800712	780827	770925	741019	741108	741202	800712
MINIMUM	.134	.134	.134	.134	.134	.134	.134	.134	.134	.134	.134	.134	.134
DATE	710101	710201	710303	710417	710529	720606	750726	710822	710925	711005	711105	711204	710101
MEAN	.160	.174	.205	.291	.459	.566	.522	.567	.433	.343	.255	.193	.347
S. D.	.061	.075	.113	.155	.226	.285	.305	.313	.232	.216	.155	.103	.254
NO. OF OBS.	308	282	309	300	310	294	304	309	298	310	300	310	3634

TABLE 13A MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 250 MILLIBARS TIME OF ASCENT : 0800 HKT (0000 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	121	133	112	94	66	63	48	54	46	92	94	114	133
DATE	790128	790201	780310	780411	780514	800618	790705	720822	760902	791031	711117	771229	790201
MIN. SPEED	41	39	18	15	3	2	1	1	1	2	4	13	1
DATE	720112	710223	710307	750429	730515	710610	730704	750818	710923	711019	741106	741202	730704
SCALAR MEAN	74	73	64	53	24	17	19	17	16	26	44	62	41
VECTOR MEAN	258 72	259 71	258 62	266 51	281 20	31 5	79 14	72 10	54 3	268 15	262 40	259 60	263 30
CONSTANCY (%)	97	97	97	96	81	33	74	57	21	58	92	96	73
S. V. D.	23.4	25.9	22.4	23.4	18.8	18.4	16.2	17.2	18.0	27.0	24.9	24.3	38.5
NO. OF OBS.	305	281	304	293	300	288	303	308	288	306	288	286	3552
HEIGHT :													
MAXIMUM	11005	11015	11039	11034	11150	11126	11130	11146	11170	11088	11060	11034	11170
DATE	800104	730201	770302	790424	800521	800623	800712	760825	800904	791021	741121	791202	800904
MINIMUM	10709	10697	10729	10731	10838	10836	10881	10842	10877	10802	10779	10709	10697
DATE	760130	780216	720513	740402	720502	790614	740728	710817	710919	791026	771124	711223	780216
MEAN	10857.1	10853.7	10883.6	10902.9	10971.0	11003.6	10997.4	10990.8	10989.1	10967.7	10936.5	10890.3	10937.1
S. D.	51.9	57.7	56.1	55.1	44.1	41.3	42.5	38.5	38.4	44.8	48.3	54.5	72.4
NO. OF OBS.	310	283	310	300	310	294	304	310	287	310	300	310	3638
TEMPERATURE :													
MAXIMUM	-37.2	-35.8	-37.1	-36.3	-32.0	-32.1	-29.6	-31.9	-33.5	-35.0	-36.1	-37.5	-29.6
DATE	740134	800226	760310	790431	740550	790650	710732	780827	760919	741019	741109	781218	710732
MINIMUM	-45.9	-48.6	-45.9	-47.9	-43.9	-42.8	-43.4	-44.6	-43.4	-46.1	-45.6	-47.5	-48.6
DATE	750120	730214	780302	740401	730536	710612	710729	760828	740922	791027	801119	711251	730214
MEAN	-41.3	-41.6	-41.3	-41.5	-39.5	-38.1	-37.9	-38.0	-39.5	-40.5	-40.8	-41.7	-40.1
S. D.	1.8	1.9	1.6	1.9	1.7	1.7	1.9	1.9	1.7	2.1	1.6	1.7	2.5
NO. OF OBS.	310	283	310	300	310	294	304	310	287	310	300	310	3638
DEW POINT :													
MAXIMUM	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******
DATE	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******
MINIMUM	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******
DATE	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******
MEAN	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******
S. D.	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******
NO. OF OBS.	0	0	0	0	0	0	0	0	0	0	0	0	0
REL. HUMIDITY													
MAXIMUM	37	39	71	84	83	91	91	86	79	77	81	71	91
DATE	790128	790211	770330	740408	730530	710607	710727	730821	730902	731001	741108	741202	710607
MINIMUM	3	2	4	4	5	7	5	4	6	3	5	4	2
DATE	750124	710204	720303	750429	770521	750623	760718	750803	760930	751020	761108	721205	710204
MEAN	12.0	14.8	16.6	26.8	39.4	41.5	38.1	41.6	36.7	30.9	24.2	17.6	34.2
S. D.	5.9	9.0	11.0	17.1	17.6	18.4	17.9	18.3	16.2	18.6	15.1	11.9	19.1
NO. OF OBS.	77	54	66	66	147	263	265	270	177	124	82	46	1647
HUMIDITY W.R.													
MAXIMUM	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******
DATE	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******
MINIMUM	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******
DATE	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******
MEAN	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******
S. D.	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******
NO. OF OBS.	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 14A MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 200 MILLIBARS TIME OF ASCENT : 0800 HKT (0000 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	126	131	130	98	70	69	62	55	49	99	94	115	131
DATE	790128	790201	780310	790405	780506	800618	790705	760807	760902	791031	791101	721218	790201
MIN. SPEED	38	34	14	16	3	2	3	2	2	1	4	15	1
DATE	730127	740224	710304	750430	770518	780601	740723	720825	740905	711006	741111	741201	711006
SCALAR MEAN	74	73	66	57	27	22	24	21	19	27	45	65	43
VECTOR MEAN	253 72	256 70	255 63	267 54	288 21	27 10	74 19	70 13	49 4	268 16	259 42	253 63	261 30
CONSTANCY (%)	97	97	97	95	78	46	78	62	19	60	92	96	68
S. V. D.	24.2	25.8	23.6	24.5	20.8	22.8	20.3	19.9	20.9	26.8	25.4	24.8	40.9
NO. OF OBS.	305	281	303	292	300	288	303	308	286	308	297	295	3546
HEIGHT :													
MAXIMUM	12488	12506	12525	12523	12662	12638	12664	12679	12677	12589	12542	12535	12679
DATE	800104	730201	770302	750424	800521	790630	800712	760825	800904	791021	741121	791202	760825
MINIMUM	12166	12157	12201	12176	12302	12314	12346	12338	12344	12259	12260	12167	12157
DATE	710130	780216	720313	740401	720502	790614	740728	710817	760914	791026	771123	711223	780216
MEAN	12336.0	12330.6	12362.8	12381.7	12460.5	12500.9	12496.3	12489.0	12478.4	12451.5	12417.8	12366.1	12422.8
S. D.	56.1	62.2	60.3	61.3	51.5	47.2	49.0	46.1	44.2	52.9	53.2	59.3	81.8
NO. OF OBS.	310	283	310	300	310	294	304	310	297	310	300	310	3638
TEMPERATURE :													
MAXIMUM	-47.2	-47.1	-46.8	-46.4	-45.2	-42.5	-42.3	-44.3	-45.5	-46.0	-46.9	-48.6	-42.3
DATE	790126	720205	730330	790421	740530	790630	710732	790803	760919	751014	791104	741202	710732
MINIMUM	-58.8	-57.3	-57.6	-57.9	-55.3	-55.0	-54.6	-55.3	-55.6	-57.4	-56.3	-57.4	-58.8
DATE	710130	770202	740321	760428	710514	760606	740728	760828	790910	711030	761115	711232	710130
MEAN	-52.4	-52.7	-52.3	-52.3	-51.0	-50.1	-49.8	-49.9	-51.1	-51.8	-52.2	-53.0	-51.5
S. D.	1.7	1.8	1.6	1.8	1.6	1.7	1.8	1.8	1.7	1.8	1.5	1.7	2.4
NO. OF OBS.	310	283	310	299	310	294	304	310	297	310	300	310	3637

TABLE 15A MEANS AND EXTREMES OF RADIOSONDE- RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 175 MILLIBARS TIME OF ASCENT : 0800 HKT (0000 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	121	120	129	96	63	75	82	69	57	92	93	122	129
DATE	790131	790201	780310	800411	780506	800618	750710	770809	740914	791031	791101	781214	780310
MIN. SPEED	34	25	16	2	1	2	3	2	2	1	2	23	1
DATE	730127	760220	710304	710426	730508	750618	710714	710817	740919	771009	711104	741201	730508
SCALAR MEAN	72	71	63	55	26	25	28	23	19	25	45	65	43
VECTOR MEAN	251 69	254 69	254 61	268 53	293 20	26 13	70 23	69 16	50 5	266 15	257 41	252 62	261 28
CONSTANCY (%)	97	97	96	96	76	52	81	69	25	58	92	96	64
S. V. D.	24.0	24.9	23.9	23.6	20.8	24.7	22.2	21.3	21.3	26.4	24.7	24.9	41.4
NO. OF OBS.	302	281	301	286	298	286	301	304	282	306	295	293	3535
HEIGHT :													
MAXIMUM	13341	13361	13382	13391	13532	13526	13544	13555	13545	13449	13407	13388	13555
DATE	800104	730201	770306	750424	800521	790630	800712	760825	800904	791021	741128	791202	760825
MINIMUM	13025	12999	13033	13015	13152	13172	13188	13195	13180	13105	13106	13009	12999
DATE	720127	780216	740321	740401	720502	790614	740728	710817	760914	791026	771123	711223	780216
MEAN	13187.8	13180.5	13214.2	13233.2	13316.5	13359.7	13356.8	13349.0	13334.2	13304.7	13269.5	13214.8	13276.9
S. D.	57.9	64.9	62.7	64.5	55.6	50.6	52.7	50.7	47.9	57.0	55.9	62.2	86.5
NO. OF OBS.	308	283	310	298	310	293	304	309	286	310	300	310	3631
TEMPERATURE :													
MAXIMUM	-53.0	-53.7	-51.8	-52.4	-52.9	-49.6	-49.5	-51.3	-52.5	-54.0	-52.1	-54.3	-49.5
DATE	790126	720205	730330	790430	740530	790630	710722	790803	750923	751014	791104	721231	710722
MINIMUM	-64.1	-64.1	-65.1	-63.5	-61.8	-61.6	-61.3	-62.4	-63.1	-64.7	-64.0	-63.9	-65.1
DATE	750131	780211	740321	760428	770510	760621	750722	760831	760914	711030	761115	741229	740321
MEAN	-58.7	-59.0	-58.6	-58.3	-57.5	-56.9	-56.5	-56.7	-57.7	-58.2	-58.6	-59.4	-58.0
S. D.	1.8	1.9	1.7	1.8	1.7	1.7	1.7	1.8	1.8	1.8	1.6	1.8	2.4
NO. OF OBS.	308	283	309	296	309	292	303	307	292	308	298	308	3613

TABLE 16A MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 150 MILLIBARS TIME OF ASCENT : 0800 HKT (0000 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	117	112	100	92	65	70	85	74	58	92	87	115	117
DATE	790130	790213	780301	780412	780513	800618	750710	770809	760901	791031	771122	721221	790130
MIN. SPEED	33	31	16	5	3	1	2	3	1	3	1	14	1
DATE	730127	760220	710305	750430	740513	730627	760703	750811	780904	711006	711104	751203	730627
SCALAR MEAN	66	65	58	49	34	26	31	26	19	23	42	60	41
VECTOR MEAN	251 64	255 64	255 55	267 47	299 18	28 16	68 26	71 20	53 8	264 13	254 39	252 58	262 24
CONSTANCY (%)	97	97	96	96	74	62	85	77	40	57	92	96	59
S. V. D.	21.7	22.7	22.3	21.7	20.1	24.2	23.6	21.7	20.2	24.4	23.4	23.3	40.1
NO. OF OBS.	300	278	300	286	285	286	301	305	280	302	292	293	3516
HEIGHT :													
MAXIMUM	14303	14317	14341	14367	14507	14518	14529	14528	14524	14409	14388	14343	14529
DATE	760120	730201	770306	750424	800521	790630	800712	760825	800904	791021	791104	741201	800712
MINIMUM	13974	13946	13954	13965	14105	14138	14130	14151	14119	14065	14050	13949	13946
DATE	720127	780216	740321	740401	710514	790614	740728	710817	760914	791026	771123	711223	780216
MEAN	14141.4	14132.5	14167.8	14188.9	14274.3	14319.1	14318.6	14309.8	14290.8	14259.8	14222.3	14184.3	14232.5
S. D.	60.6	67.9	65.6	68.1	59.8	54.6	56.7	55.7	51.8	61.5	59.1	65.5	91.2
NO. OF OBS.	308	283	309	296	308	292	303	305	293	308	298	308	3611
TEMPERATURE :													
MAXIMUM	-57.9	-57.1	-57.3	-58.4	-59.1	-57.4	-58.6	-58.3	-59.1	-60.6	-58.0	-59.2	-57.1
DATE	760128	760203	730330	790430	790524	790630	710722	780827	800904	741031	791104	721233	760203
MINIMUM	-70.5	-70.6	-73.2	-70.4	-70.4	-69.1	-69.2	-70.9	-69.0	-71.3	-71.4	-72.4	-73.2
DATE	770139	740226	740321	750403	760528	760608	750722	760831	790909	761029	761115	741214	740321
MEAN	-65.2	-65.6	-65.2	-64.6	-64.3	-64.2	-63.8	-63.9	-64.6	-65.1	-65.5	-66.1	-64.8
S. D.	2.0	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.9	1.9	1.8	2.1	2.5
NO. OF OBS.	307	282	307	295	307	282	303	305	290	306	296	308	3548

TABLE 17A MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 125 MILLIBARS TIME OF ASCENT : 0800 HKT (0000 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	96	98	88	84	87	80	86	87	89	66	85	89	98
DATE	790131	790212	790318	790403	780515	750624	720708	770809	770912	761021	771122	781231	790212
MIN. SPEED	17	22	11	6	2	3	3	1	2	1	3	18	1
DATE	720107	770228	720323	790423	710519	770623	760725	720816	730919	751008	711104	751203	720816
SCALAR MEAN	54	55	48	39	20	26	34	30	19	19	36	50	36
VECTOR MEAN	255 52	259 53	258 46	266 37	310 13	40 19	68 31	70 26	59 13	257 8	253 33	255 48	267 17
CONSTANCY (%)	97	97	96	95	67	74	91	88	67	41	90	97	47
S. V. D.	19.3	20.4	19.6	19.3	17.9	21.7	21.3	20.0	17.2	21.3	21.3	19.5	36.7
NO. OF OBS.	296	278	295	284	292	282	291	300	278	298	291	287	3472
HEIGHT :													
MAXIMUM	15405	15410	15434	15487	15624	15646	15653	15628	15651	15508	15519	15488	15653
DATE	760120	730201	770302	750424	800521	790630	800712	760825	800904	791021	791104	741201	800712
MINIMUM	15073	15050	15009	15049	15191	15246	15215	15234	15200	15172	15139	15021	15009
DATE	720127	780216	740321	740402	710511	790614	740728	710815	760914	791026	771123	711223	740321
MEAN	15234.4	15223.2	15259.8	15285.6	15370.7	15415.4	15416.5	15407.6	15385.7	15351.8	15312.1	15253.0	15326.4
S. D.	63.9	71.2	69.6	71.3	64.0	59.1	60.6	59.4	56.5	65.5	62.3	69.5	95.4
NO. OF OBS.	307	282	306	295	306	292	302	305	290	306	296	307	3504
TEMPERATURE :													
MAXIMUM	-65.1	-65.9	-63.5	-64.6	-66.0	-64.4	-66.2	-66.7	-65.2	-67.3	-64.7	-63.3	-63.3
DATE	790128	760203	730330	770404	790504	710607	720714	790805	800904	721007	791104	721204	721204
MINIMUM	-80.6	-78.7	-79.9	-76.6	-77.6	-77.2	-77.5	-75.7	-77.9	-79.1	-77.9	-78.8	-80.6
DATE	770139	740202	710305	750406	740536	710628	750712	780828	790918	711030	761135	741207	770139
MEAN	-71.8	-72.1	-71.9	-70.8	-71.3	-71.5	-71.3	-71.2	-71.6	-72.1	-72.5	-72.5	-71.7
S. D.	2.4	2.4	2.5	2.3	2.1	2.0	1.9	1.8	2.1	2.2	2.1	2.5	2.8
NO. OF OBS.	305	282	304	293	304	290	299	303	288	304	295	303	3570

TABLE 18A MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 100 MILLIBARS TIME OF ASCENT : 0800 HKT (0000 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	85	80	75	64	40	66	72	67	48	47	72	68	85
DATE	790128	780213	770325	780403	780530	750627	720708	770806	750902	791029	771122	791227	790128
MIN. SPEED	4	4	3	4	1	4	12	3	3	1	3	7	1
DATE	720107	770228	730331	710422	730509	780604	720727	750812	720930	791007	711127	761202	730509
SCALAR MEAN	38	41	35	27	16	28	38	35	21	16	25	34	29
VECTOR MEAN	259 37	262 40	261 34	268 24	344 7	54 25	70 37	73 33	69 19	199 1	254 21	261 32	283 7
CONSTANCY (%)	96	97	96	90	46	89	97	97	92	7	84	94	24
S. V. D.	16.9	17.5	16.7	16.7	16.2	16.9	15.4	14.0	13.1	18.1	17.9	16.7	32.0
NO. OF OBS.	287	273	287	280	284	273	283	290	273	286	279	281	3376
HEIGHT :													
MAXIMUM	16724	16717	16735	16809	16955	16981	16870	16959	16986	16815	16872	16756	16986
DATE	790106	730203	770302	750424	800521	790630	790704	760825	800904	751025	791104	791202	800904
MINIMUM	16370	16328	16267	16335	16473	16556	16509	16526	16494	16440	16432	16309	16267
DATE	710127	710201	740321	740402	710511	710628	740728	710815	760914	711030	761115	711223	740321
MEAN	16533.6	16520.4	16555.7	16591.1	16670.6	16715.1	16718.6	16713.3	16687.0	16647.2	16606.2	16549.8	16625.7
S. D.	68.1	74.3	74.5	75.0	68.2	63.5	59.9	59.1	60.2	67.2	63.6	74.0	98.6
NO. OF OBS.	305	282	304	293	304	290	299	302	287	304	295	302	3567
TEMPERATURE :													
MAXIMUM	-69.7	-69.6	-69.9	-69.6	-71.5	-68.2	-69.4	-66.7	-68.3	-70.9	-67.5	-68.7	-66.7
DATE	780114	750209	790334	770403	800521	710607	770717	760825	750903	771013	791104	721224	760825
MINIMUM	-84.3	-85.1	-84.0	-83.0	-82.5	-81.9	-81.8	-81.7	-81.9	-83.8	-82.2	-85.2	-85.2
DATE	710104	710201	710305	720413	720530	740615	740714	790818	710921	741030	731104	741221	741221
MEAN	-77.1	-77.2	-77.7	-76.1	-77.2	-76.8	-76.1	-75.4	-76.6	-77.5	-77.4	-76.9	-76.8
S. D.	2.8	3.0	2.7	2.4	2.1	2.1	2.4	2.6	2.2	2.6	2.3	2.7	3.1
NO. OF OBS.	302	279	301	290	300	282	290	297	285	292	285	287	3500

TABLE 19A MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 90 MILLIBARS TIME OF ASCENT : 0800 HKT (0000 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	71	75	67	54	42	60	72	69	77	38	61	57	77
DATE	790131	760201	770325	780403	780530	750627	720708	770806	770924	751026	771122	721218	770924
MIN. SPEED	5	6	4	3	2	4	18	9	3	1	1	1	1
DATE	720107	730205	720330	710422	790506	790614	720715	770827	800926	751030	751114	711218	751030
SCALAR MEAN	31	35	29	22	15	29	39	36	23	14	20	27	27
VECTOR MEAN	261 30	262 34	262 28	267 19	22 7	61 27	74 39	76 36	74 22	101 4	252 15	260 25	311 3
CONSTANCY (%)	95	97	95	84	46	94	98	98	95	27	75	92	10
S. V. D.	15.4	15.9	15.3	16.0	15.7	14.8	12.4	10.9	12.3	15.8	16.6	15.6	29.7
NO. OF OBS.	276	263	281	278	276	268	278	282	264	277	274	271	3288
HEIGHT :													
MAXIMUM	17337	17323	17342	17417	17574	17601	17473	17598	17512	17419	17507	17364	17601
DATE	790106	730203	770302	750424	800521	790630	790704	760825	770925	751025	741104	791202	790630
MINIMUM	16959	16911	16860	16957	17073	17163	17115	17130	17103	17040	17033	16916	16860
DATE	710127	710201	740321	740402	710511	710602	740728	710815	760914	711030	761115	711223	740321
MEAN	17136.8	17123.4	17157.9	17196.6	17274.6	17320.9	17327.5	17324.3	17293.4	17252.1	17208.9	17155.0	17230.6
S. D.	69.8	75.8	76.1	76.5	68.1	65.2	58.7	58.8	58.4	67.2	63.5	74.8	100.4
NO. OF OBS.	297	277	299	288	291	281	289	294	281	289	285	296	3447
TEMPERATURE :													
MAXIMUM	-69.9	-67.0	-70.8	-71.2	-73.3	-69.7	-68.2	-65.2	-66.4	-69.0	-67.5	-68.8	-65.2
DATE	750131	750209	730327	790404	740530	790614	750714	760831	750903	771017	791104	771258	760831
MINIMUM	-85.6	-86.8	-85.3	-83.2	-83.1	-82.1	-82.5	-82.4	-82.6	-86.1	-86.1	-83.4	-86.8
DATE	710104	710225	790315	720413	780520	720636	790707	740832	710923	741028	741107	741240	710225
MEAN	-77.9	-78.1	-78.7	-77.3	-78.2	-77.3	-75.5	-74.6	-75.9	-77.3	-78.1	-77.5	-77.2
S. D.	2.7	3.2	2.8	2.3	2.0	2.3	2.9	2.9	2.7	3.0	2.7	2.6	3.4
NO. OF OBS.	291	275	297	287	290	276	286	289	277	285	282	292	3427

TABLE 20A MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 80 MILLIBARS TIME OF ASCENT : 0800 HKT (0000 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	58	83	54	47	50	55	64	60	57	35	49	56	83
DATE	790131	780217	790322	780403	780531	750626	720708	770806	780907	781003	771122	721218	780217
MIN. SPEED	3	5	4	2	2	9	20	17	3	1	1	2	1
DATE	720107	730205	770307	800424	720524	790614	730702	790804	720928	711017	711106	711218	711017
SCALAR MEAN	25	29	24	18	15	30	39	37	24	13	15	21	24
VECTOR MEAN	262 23	263 28	263 23	268 13	54 9	67 29	77 39	79 37	79 23	95 7	249 9	261 18	51 3
CONSTANCY (%)	93	96	93	74	64	97	99	99	97	53	62	88	11
S. V. D.	14.3	14.2	13.8	15.2	14.2	12.3	10.1	9.1	10.4	13.2	14.6	13.9	27.0
NO. OF OBS.	268	261	276	274	269	261	273	275	260	267	266	267	3217
HEIGHT :													
MAXIMUM	18020	18012	18022	18095	18266	18293	18152	18319	18199	18098	18216	18051	18319
DATE	790106	750209	770302	750424	800521	790630	790704	760825	770925	751025	791104	791202	760825
MINIMUM	17629	17575	17542	17652	17750	17832	17805	17808	17790	17724	17714	17600	17542
DATE	710127	710201	740321	740402	710511	710602	740728	710815	740922	711030	761115	731201	740321
MEAN	17811.7	17797.1	17830.4	17872.7	17948.7	17998.0	18013.7	18012.7	17979.0	17930.3	17884.8	17852.8	17909.0
S. D.	71.5	77.9	77.7	77.1	70.0	65.5	57.5	60.0	58.6	66.3	63.1	75.8	103.8
NO. OF OBS.	249	243	264	246	248	246	246	249	243	248	249	240	2921
TEMPERATURE :													
MAXIMUM	-66.8	-67.4	-68.3	-68.3	-70.3	-67.0	-65.1	-61.7	-65.3	-65.0	-67.6	-68.6	-61.7
DATE	780106	750209	770331	760430	760505	760620	750722	760831	760904	761020	791104	711250	760831
MINIMUM	-84.3	-86.5	-85.7	-84.2	-83.9	-82.7	-82.5	-80.5	-85.0	-84.8	-86.5	-83.6	-86.5
DATE	710131	750252	710306	760417	750502	720624	720712	740820	710919	731012	741109	731230	750252
MEAN	-77.4	-77.5	-77.9	-76.9	-77.4	-75.8	-73.2	-72.1	-73.3	-75.1	-76.6	-76.7	-75.8
S. D.	3.0	3.4	3.0	2.6	2.4	2.9	3.3	2.8	3.0	3.5	3.2	3.0	3.9
NO. OF OBS.	285	271	291	284	281	273	282	279	269	274	276	286	3351

TABLE 21A MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 70 MILLIBARS TIME OF ASCENT : 0800 HKT (0000 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	47	53	48	42	43	54	59	55	48	33	35	39	59
DATE	790131	780213	790316	720410	760528	780627	750705	780805	800911	731012	771122	721218	750705
MIN. SPEED	1	3	3	1	1	9	21	15	6	2	1	2	1
DATE	730111	750207	720318	730424	720505	740601	760703	790804	720930	751030	741125	741211	730111
SCALAR MEAN	19	23	20	14	15	30	38	37	25	13	12	16	22
VECTOR MEAN	263 17	262 22	265 18	274 8	70 13	75 30	81 38	83 36	84 24	86 10	238 4	259 13	78 6
CONSTANCY (%)	88	95	92	59	84	98	99	99	98	75	38	82	26
S. V. D.	13.0	12.0	12.2	14.0	12.2	10.7	8.8	8.5	9.2	11.1	12.5	11.8	24.3
NO. OF OBS.	262	256	272	263	268	259	270	270	251	256	260	262	3149
HEIGHT :													
MAXIMUM	18795	18824	18803	18874	19062	19091	18929	19142	18975	18886	19026	18839	19142
DATE	790106	750209	770302	750424	800521	790630	790704	760825	770925	751025	791104	791202	760825
MINIMUM	18401	18346	18337	18437	18526	18602	18601	18592	18567	18514	18504	18379	18337
DATE	710127	710201	740321	750406	710511	710602	740728	710815	740922	711030	761115	731201	740321
MEAN	18584.5	18568.7	18600.4	18645.1	18720.2	18778.2	18803.1	18804.8	18768.2	18712.3	18661.0	18607.9	18687.2
S. D.	73.6	80.7	78.8	77.8	70.7	67.9	58.5	61.9	63.5	67.3	64.4	76.7	109.7
NO. OF OBS.	283	269	290	283	280	271	282	279	267	274	275	284	3337
TEMPERATURE :													
MAXIMUM	-63.1	-63.6	-66.7	-61.9	-66.2	-63.4	-62.3	-61.9	-61.2	-61.9	-64.5	-64.0	-61.2
DATE	770104	750209	760324	760430	760505	780629	770706	780804	760904	771009	791104	741207	760904
MINIMUM	-83.1	-82.8	-82.1	-82.7	-82.0	-80.3	-79.4	-77.8	-83.5	-81.9	-81.8	-82.9	-83.5
DATE	740109	790225	730320	750430	750502	720604	720723	740830	710919	741027	801102	731211	710919
MEAN	-73.9	-74.3	-74.8	-74.6	-74.4	-72.0	-69.7	-68.6	-69.6	-70.9	-72.6	-73.7	-72.8
S. D.	3.5	3.6	3.5	3.0	2.8	3.5	3.2	2.7	3.0	3.2	3.4	3.4	4.2
NO. OF OBS.	279	265	289	279	279	267	280	274	261	263	268	282	3286

TABLE 22A MEANS AND EXTREMES OF RADIOSONDE- RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 60 MILLIBARS TIME OF ASCENT : 0800 HKT (0000 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	66	51	45	38	47	51	55	55	46	34	35	37	66
DATE	790103	780214	790317	720410	760530	780630	750727	750831	740907	731004	721128	801223	790103
MIN. SPEED	1	3	2	1	2	12	22	19	11	1	2	1	1
DATE	740108	730201	770302	790412	790508	730612	760708	790804	800930	801023	721115	711222	740108
SCALAR MEAN	15	18	15	11	16	29	39	38	27	15	10	12	21
VECTOR MEAN	263 11	264 16	274 13	293 4	78 15	82 29	84 39	86 37	87 27	87 14	157 2	263 9	83 9
CONSTANCY (%)	76	89	84	38	92	98	99	99	99	89	19	73	44
S. V. D.	12.5	12.2	11.3	12.4	10.2	9.2	7.8	8.1	8.4	9.6	11.6	11.0	22.1
NO. OF OBS.	247	245	260	250	262	250	258	257	242	247	256	254	3028
HEIGHT :													
MAXIMUM	19731	19780	19724	19787	20001	20038	19874	20106	19921	19846	19981	19768	20106
DATE	780120	750209	770302	750424	800521	790630	760702	760825	770925	771009	791104	791202	760825
MINIMUM	19311	19258	19271	19338	19426	19480	19533	19510	19478	19446	19416	19299	19258
DATE	710127	710201	740321	750406	790507	720604	740728	710815	710919	711030	711126	731201	710201
MEAN	19493.9	19478.2	19506.8	19554.3	19630.1	19698.5	19730.6	19736.5	19695.2	19637.0	19577.3	19519.5	19604.1
S. D.	76.4	84.7	81.6	80.3	73.6	74.6	62.5	60.6	70.8	70.6	68.2	80.1	118.0
NO. OF OBS.	275	264	286	274	279	264	280	274	258	261	268	280	3243
TEMPERATURE :													
MAXIMUM	-58.1	-58.3	-60.3	-57.3	-60.0	-58.8	-58.1	-57.3	-59.6	-55.6	-58.8	-60.8	-55.6
DATE	770104	750211	770304	740402	760513	770629	760714	760825	750903	771009	791104	741207	771009
MINIMUM	-78.2	-79.4	-79.7	-78.0	-77.4	-77.0	-73.5	-73.7	-78.7	-74.4	-75.6	-80.1	-80.1
DATE	740109	750228	730303	800430	720512	720604	720722	740820	710919	791019	801102	731218	731218
MEAN	-68.8	-69.0	-69.5	-69.3	-68.9	-67.0	-65.8	-65.1	-65.9	-66.3	-67.7	-68.8	-67.7
S. D.	3.3	3.6	3.6	3.1	3.3	3.5	2.8	2.6	2.8	2.7	2.9	3.0	3.8
NO. OF OBS.	270	258	276	264	272	259	271	264	253	255	264	276	3182

TABLE 23A MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 50 MILLIBARS TIME OF ASCENT : 0800 HKT (0000 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	44	55	34	32	41	51	67	62	53	35	33	24	67
DATE	710115	770215	780301	750430	800523	780627	800720	800803	750911	781003	791110	761202	800720
MIN. SPEED	1	2	2	1	3	13	24	22	13	1	1	2	1
DATE	710122	710211	720317	740412	740505	720606	720709	760826	720928	711027	791116	781213	710122
SCALAR MEAN	11	13	11	10	17	32	42	40	30	17	10	10	20
VECTOR MEAN	271 4	274 8	288 7	26 3	82 16	85 32	87 41	88 40	88 30	87 16	97 4	267 5	80 13
CONSTANCY (%)	36	61	63	32	94	99	99	99	99	95	37	48	64
S. V. D.	12.5	13.5	10.7	11.2	9.4	8.8	8.3	7.6	8.4	9.0	11.1	10.4	20.6
NO. OF OBS.	234	225	248	235	242	231	241	241	229	238	247	241	2842
HEIGHT :													
MAXIMUM	20867	20935	20844	20907	21135	21189	21022	21274	21063	20998	21132	20891	21274
DATE	780120	750209	770328	750424	800521	790630	770706	760825	770925	771009	791104	791202	760825
MINIMUM	20406	20351	20385	20437	20537	20585	20653	20612	20538	20555	20504	20370	20351
DATE	710127	750222	740321	750406	710519	720604	740728	710815	710919	801031	711126	731218	750222
MEAN	20596.6	20581.2	20610.2	20659.5	20739.5	20813.0	20850.4	20857.8	20811.5	20753.8	20686.9	20626.9	20714.7
S. D.	80.8	89.7	86.3	84.6	79.2	82.5	67.9	73.2	79.7	75.7	73.4	83.3	126.0
NO. OF OBS.	263	256	273	264	269	259	266	260	252	262	262	274	3150
TEMPERATURE :													
MAXIMUM	-56.7	-54.4	-55.6	-56.4	-55.1	-54.6	-53.6	-52.4	-55.1	-54.9	-56.4	-56.4	-52.4
DATE	770104	750209	770304	770427	750528	790630	770706	760805	790906	761031	751121	801226	760805
MINIMUM	-72.4	-73.9	-74.1	-73.0	-73.3	-69.3	-70.5	-68.9	-70.5	-69.6	-71.1	-69.8	-74.1
DATE	730131	750228	730303	730416	740516	740622	740719	730827	710919	711006	731123	721210	730303
MEAN	-64.3	-64.3	-63.9	-63.5	-62.8	-61.8	-62.0	-61.5	-62.1	-62.3	-63.3	-63.6	-63.0
S. D.	2.8	3.3	3.3	2.9	3.4	2.9	2.6	2.5	2.7	2.7	2.6	2.5	3.3
NO. OF OBS.	252	248	266	253	265	284	254	249	243	243	260	265	3032

TABLE 24A MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 40 MILLIBARS TIME OF ASCENT : 0800 HKT (0000 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	50	42	32	29	40	52	69	61	51	38	35	38	69
DATE	710115	780213	780306	750416	800531	800622	800721	800802	790908	791003	791104	741210	800721
MIN. SPEED	2	1	1	2	5	14	23	27	19	4	1	2	1
DATE	720110	750219	740327	740403	780504	710622	760709	760821	720920	731024	711124	711201	750219
SCALAR MEAN	11	12	9	11	21	35	44	43	34	20	12	9	22
VECTOR MEAN	04 3	04 3	11 3	07 8	07 21	09 34	09 44	08 43	08 34	06 20	06 8	04 1	06 18
CONSTANCY (%)	32	25	34	70	97	99	99	99	99	97	67	6	83
S. V. D.	12.2	13.4	10.4	9.6	8.8	8.5	9.8	8.6	8.1	9.1	11.0	10.1	19.1
NO. OF OBS.	175	178	201	195	200	197	212	199	200	201	215	201	2374
HEIGHT :													
MAXIMUM	22268	22364	22271	22331	22552	22631	22458	22450	22494	22409	22555	22284	22631
DATE	780120	750209	770304	750424	800521	790630	770706	770809	770925	771009	791104	791202	790630
MINIMUM	21759	21705	21779	21803	21887	21991	22004	21993	21865	21898	21873	21732	21705
DATE	710127	750222	740321	750406	710519	740620	740710	710815	710919	791012	711126	731218	750222
MEAN	21973.8	21961.0	21991.8	22046.4	22131.9	22210.2	22245.1	22253.8	22205.9	22143.9	22073.3	22012.3	22102.8
S. D.	88.2	96.5	95.2	92.2	90.9	88.8	76.4	77.7	88.6	83.9	80.0	88.2	135.4
NO. OF OBS.	246	240	263	247	248	241	249	243	241	242	256	260	2976
TEMPERATURE :													
MAXIMUM	-52.8	-51.0	-50.4	-52.2	-46.7	-48.4	-51.4	-49.2	-51.8	-49.7	-51.3	-49.6	-46.7
DATE	790103	750209	790321	790430	750528	790613	760702	760823	790906	801017	781115	781211	750528
MINIMUM	-68.6	-71.4	-71.0	-67.9	-66.2	-65.1	-65.5	-64.8	-69.6	-67.1	-66.0	-68.1	-71.4
DATE	710126	730217	730309	720420	720512	730617	740710	720816	710919	791012	731121	721201	730217
MEAN	-60.2	-60.1	-59.7	-58.7	-57.4	-57.2	-57.8	-57.3	-57.9	-58.3	-58.9	-59.1	-58.6
S. D.	2.9	3.4	3.5	2.7	2.8	2.8	2.5	2.7	2.6	2.5	2.6	3.0	3.3
NO. OF OBS.	211	213	242	224	235	214	226	216	216	224	237	236	2684

TABLE 25A MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 30 MILLIBARS TIME OF ASCENT : 0800 HKT (0000 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	40	45	29	31	44	57	63	63	62	46	33	43	63
DATE	800101	750208	800304	710428	800530	800630	780721	750814	750901	791008	791103	781212	780721
MIN. SPEED	2	2	2	3	7	16	25	31	18	7	2	1	1
DATE	780127	720209	780314	720410	760504	780601	780718	770815	800919	761019	771120	771221	771221
SCALAR MEAN	14	14	12	14	24	36	46	46	37	25	15	13	25
VECTOR MEAN	78 10	72 9	73 7	96 13	93 23	93 35	91 46	91 46	92 37	89 25	87 12	88 8	90 23
CONSTANCY (%)	74	60	55	68	97	99	99	99	99	98	84	64	91
S. V. D.	12.9	14.5	11.6	9.9	9.6	9.7	9.5	9.4	9.0	9.0	10.9	12.9	18.1
NO. OF OBS.	116	123	132	134	144	141	155	139	141	141	147	131	1644
HEIGHT :													
MAXIMUM	24115	24261	24149	24204	24423	24516	24343	24302	24309	24215	24414	24145	24516
DATE	780120	750209	770304	750424	800521	790630	760702	750801	800930	751025	791104	781211	790630
MINIMUM	23542	23455	23595	23595	23692	23813	23794	23808	23606	23670	23664	23548	23455
DATE	710127	750222	800301	750406	740508	740620	740710	720816	710919	791012	771127	731218	750222
MEAN	23790.2	23782.9	23818.8	23875.3	23978.1	24059.0	24086.2	24097.5	24039.5	23972.8	23900.8	23840.4	23936.6
S. D.	99.2	112.3	110.2	101.6	105.6	101.6	87.9	88.8	100.6	91.4	91.2	101.5	149.0
NO. OF OBS.	199	201	220	213	211	204	219	207	209	210	228	225	2546
TEMPERATURE :													
MAXIMUM	-47.6	-47.7	-46.8	-48.3	-46.7	-44.6	-44.4	-47.4	-46.2	-46.7	-46.2	-48.4	-44.4
DATE	790120	790211	790321	770411	760524	750612	760712	800802	760905	751015	751105	781212	760712
MINIMUM	-63.4	-64.8	-63.8	-60.0	-59.9	-58.4	-59.7	-58.9	-63.4	-61.0	-62.4	-62.0	-64.8
DATE	730107	710214	800301	800409	740508	750626	740718	730816	710919	781005	801102	721213	710214
MEAN	-55.7	-56.0	-55.0	-53.7	-52.3	-52.1	-52.9	-53.0	-53.8	-53.8	-54.1	-54.3	-53.9
S. D.	3.0	3.3	3.3	2.8	2.6	2.5	2.9	2.5	2.6	2.6	2.7	2.9	3.2
NO. OF OBS.	150	152	174	164	162	167	182	164	164	159	182	160	1970

TABLE 26A MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 25 MILLIBARS TIME OF ASCENT : 0800 HKT (0000 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	40	48	31	37	39	54	60	64	54	44	33	54	64
DATE	790123	750206	750312	800424	750509	800607	780709	790828	730905	791023	761103	781212	790828
MIN. SPEED	2	3	3	1	5	3	9	25	21	7	3	1	1
DATE	720123	720209	740322	780414	760504	710602	780725	790825	770921	801026	711117	761215	780414
SCALAR MEAN	16	17	13	15	24	35	44	47	38	27	14	15	25
VECTOR MEAN	94 13	86 12	93 9	101 13	95 23	95 35	91 44	91 47	93 37	93 26	93 12	98 11	93 23
CONSTANCY (%)	82	73	68	89	95	98	99	99	98	97	84	75	92
S. V. D.	13.2	15.4	12.1	10.4	10.7	10.8	9.8	9.9	9.5	9.8	10.4	14.6	17.5
NO. OF OBS.	71	82	92	90	97	87	90	85	80	88	100	81	1043
HEIGHT :													
MAXIMUM	25312	25471	25271	25325	25634	25720	25535	25481	25503	25407	25607	25291	25720
DATE	780120	750209	770321	790430	800521	790630	770706	770809	800930	751022	791104	791202	790630
MINIMUM	24697	24716	24714	24748	24848	24991	24953	24967	24736	24817	24805	24712	24697
DATE	710127	710211	800301	750406	740508	740620	740710	720816	710919	791012	771127	731218	710127
MEAN	25960.4	24955.7	24984.6	25051.6	25161.7	25244.1	25272.5	25285.7	25222.9	25144.9	25076.6	25014.7	25117.4
S. D.	110.1	119.0	111.6	104.9	112.2	108.5	92.5	91.2	108.0	97.4	103.3	102.8	157.5
NO. OF OBS.	133	139	160	148	152	152	167	145	149	144	168	144	1801
TEMPERATURE :													
MAXIMUM	-42.2	-42.1	-42.2	-44.3	-43.2	-39.1	-42.0	-44.5	-42.1	-42.8	-41.9	-42.2	-39.1
DATE	770107	770217	760324	720423	780503	750612	760708	710812	780906	781004	751105	781212	750612
MINIMUM	-61.6	-62.9	-63.6	-57.8	-58.1	-56.6	-56.4	-57.5	-56.9	-60.3	-61.0	-59.6	-63.6
DATE	800110	710214	800301	750401	740520	790612	730718	780826	770921	781005	801102	721213	800301
MEAN	-53.3	-53.7	-52.7	-51.0	-49.8	-49.8	-50.4	-50.7	-51.1	-51.3	-51.4	-51.6	-51.4
S. D.	3.4	3.6	3.3	2.9	2.9	2.9	2.9	2.5	2.6	2.8	2.9	3.0	3.3
NO. OF OBS.	107	121	127	121	117	113	120	113	101	107	121	116	1384

TABLE 27A MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 20 MILLIBARS TIME OF ASCENT : 0800 HKT (0000 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	43	46	36	33	47	55	63	64	63	43	35	58	64
DATE	800129	750206	800301	800425	800531	800621	710721	790801	720907	731003	771130	781213	790801
MIN. SPEED	4	2	2	3	3	20	31	28	23	8	2	3	2
DATE	720117	760218	780307	720405	730502	720614	720718	710804	800922	801021	791128	771207	760218
SCALAR MEAN	17	19	13	14	24	35	45	48	40	24	14	18	25
VECTOR MEAN	104 12	113 11	138 5	118 10	95 23	90 34	91 44	89 47	92 40	94 23	109 10	109 14	97 21
CONSTANCY (%)	68	59	39	69	95	98	99	99	99	96	73	81	86
S. V. D.	16.1	18.3	13.7	12.5	12.1	10.4	10.1	9.8	9.8	10.4	12.2	16.0	19.4
NO. OF OBS.	47	49	55	57	53	48	44	47	41	51	55	50	597
HEIGHT :													
MAXIMUM	26804	26965	26780	26796	26891	27085	26978	26962	26990	26895	26745	26752	27085
DATE	780120	750209	760324	790430	790517	750612	790706	770809	800930	751022	801109	781212	750612
MINIMUM	26113	22025	26108	26226	26286	26455	26369	26395	26417	26341	26314	26240	22025
DATE	710104	780201	800301	800430	740508	740620	740710	720816	740920	801031	801102	791211	780201
MEAN	26407.9	26345.0	26441.1	26521.2	26622.8	26690.5	26724.9	26746.5	26685.5	26602.6	26540.5	26480.6	26562.6
S. D.	130.1	435.3	124.4	110.7	116.0	116.3	109.5	99.0	109.4	105.8	107.2	107.4	210.1
NO. OF OBS.	48	110	114	110	108	100	100	47	89	96	111	100	1233
TEMPERATURE :													
MAXIMUM	-39.4	-40.2	-41.9	-42.7	-41.0	-39.1	-39.7	-39.4	-43.2	-41.7	-40.9	-35.7	-35.7
DATE	770107	770213	720322	720422	790530	730608	760711	710812	780917	761019	781129	781212	781212
MINIMUM	-68.4	-57.9	-56.0	-55.7	-56.1	-53.2	-56.5	-55.0	-55.8	-54.9	-59.3	-54.1	-68.4
DATE	800113	750211	800301	800421	800511	740616	740710	780826	740918	731024	801102	741216	800113
MEAN	-50.1	-50.3	-49.4	-47.3	-46.3	-46.6	-47.7	-48.2	-48.1	-48.0	-48.5	-48.4	-48.3
S. D.	4.0	4.3	3.5	2.9	3.2	2.7	3.4	3.2	2.6	2.9	3.6	3.3	3.6
NO. OF OBS.	64	65	69	73	71	54	57	47	51	60	64	66	751

TABLE 28A MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 15 MILLIBARS TIME OF ASCENT : 0800 HKT (0000 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	33	35	22	33	35	50	65	67	54	42	24	66	67
DATE	800113	710217	720315	710407	720531	790620	720718	720809	720913	731003	731121	781215	720809
MIN. SPEED	3	5	4	4	2	21	33	39	24	11	5	3	2
DATE	720112	750211	740314	720421	720510	780605	740703	710816	780920	721022	771116	711229	720510
SCALAR MEAN	13	14	12	12	22	35	48	53	41	23	11	30	26
VECTOR MEAN	195 4	172 4	245 5	155 5	97 21	90 35	87 47	92 52	89 41	96 22	126 6	100 23	96 20
CONSTANCY (%)	34	31	46	48	97	99	99	98	99	98	52	76	77
S. V. D.	14.4	16.2	12.0	12.2	12.2	10.7	11.7	13.0	10.5	10.1	11.6	28.8	23.7
NO. OF OBS.	18	10	16	18	11	19	17	12	17	15	21	14	188
HEIGHT :													
MAXIMUM	28725	28953	28658	28732	28830	28902	28925	28857	28847	28841	28705	28787	28953
DATE	790103	750209	780329	750423	790517	780617	760711	780802	750903	751022	751112	781212	750209
MINIMUM	27968	28013	27977	28126	28335	28372	28234	28266	28284	28298	28125	28135	27968
DATE	710104	710217	800301	800409	800506	740620	740710	720816	740920	781019	801102	791211	710104
MEAN	28282.6	28289.0	28338.9	28421.8	28586.8	28609.1	28628.9	28625.7	28563.1	28514.3	28446.3	28382.2	28464.9
S. D.	138.0	165.8	153.2	128.9	123.5	127.5	137.5	108.0	126.8	118.9	139.0	127.4	182.2
NO. OF OBS.	54	53	64	59	52	51	46	48	41	42	60	56	636
TEMPERATURE :													
MAXIMUM	-39.7	-36.8	-35.3	-37.6	-35.0	-37.0	-35.0	-40.0	-37.4	-35.0	-36.2	-37.8	-33.3
DATE	720122	720216	790328	790418	770516	750630	750709	780809	780917	721020	751119	781215	790328
MINIMUM	-54.1	-53.1	-50.9	-53.2	-46.9	-49.2	-50.6	-52.9	-50.2	-49.6	-54.7	-49.5	-54.7
DATE	800113	750208	800331	720413	740501	800603	740724	750811	790919	741016	791125	741225	791125
MEAN	-45.4	-46.4	-43.3	-41.5	-41.0	-42.5	-43.8	-44.6	-43.4	-43.7	-43.6	-42.8	-43.4
S. D.	4.0	4.6	4.2	3.3	2.9	3.2	3.1	3.3	3.1	3.4	4.0	3.5	3.8
NO. OF OBS.	35	21	33	36	36	38	35	23	24	21	33	23	308

TABLE 29A MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 10 MILLIBARS TIME OF ASCENT : 0800 HKT (0000 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	33	15	*****	8	35	*****	57	72	37	6	*****	*****	72
DATE	720117	730228	*******	720421	720524	*******	730718	720809	720913	711020	*******	*******	720809
MIN. SPEED	3	15	*****	7	35	*****	55	72	37	6	*****	*****	3
DATE	710104	730228	*******	730425	720524	*******	720726	720809	720913	711020	*******	*******	710104
SCALAR MEAN	16	15	*****	8	35	*****	56	72	37	6	*****	*****	27
VECTOR MEAN	217 15	270 15	*** ***	281 7	52 35	*** ***	85 56	90 72	104 37	142 6	*** ***	*** ***	98 14
CONSTANCY (%)	91	100	*****	96	100	*****	100	100	100	100	*****	*****	53
S. V. D.	14.9	*******	*******	3.1	*******	*******	5.0	*******	*******	*******	*******	*******	33.2
NO. OF OBS.	4	1	0	2	1	0	2	1	1	1	0	0	13
HEIGHT :													
MAXIMUM	31290	31259	31470	31486	31667	31695	31754	31618	31634	31439	31489	31351	31754
DATE	780111	790221	790328	790418	770516	780617	750709	780802	780917	731017	781122	781215	750709
MINIMUM	30653	30674	30868	30758	31108	31156	30987	31115	31008	31073	30801	30948	30653
DATE	710104	710217	740311	720413	720510	780615	740710	720809	740920	731024	791125	771214	710104
MEAN	30984.7	30928.7	31134.6	31182.7	31377.6	31377.3	31356.8	31327.5	31323.5	31224.2	31233.3	31153.7	31219.8
S. D.	165.6	189.8	164.3	184.2	164.9	148.0	158.0	120.1	155.9	93.1	185.0	136.8	206.9
NO. OF OBS.	20	12	23	19	14	22	19	13	17	15	26	15	215
TEMPERATURE :													
MAXIMUM	-34.6	-41.0	-35.9	-34.5	-33.0	-31.8	-37.0	-38.0	-35.1	-28.7	-38.1	*******	-28.7
DATE	720122	720202	720322	720405	780531	720614	720716	730808	780909	711020	781117	*******	711020
MINIMUM	-46.1	-41.8	-40.9	-38.2	-38.9	-41.6	-42.7	-41.8	-37.9	-38.9	-38.1	*******	-46.1
DATE	730131	730228	780316	720426	720503	780615	720718	720809	720906	721015	781117	*******	730131
MEAN	-39.1	-41.4	-38.1	-36.1	-36.9	-38.0	-39.8	-40.0	-36.6	-33.8	-38.1	*******	-38.2
S. D.	4.5	.6	2.2	1.5	2.7	5.4	2.0	1.9	1.4	7.2	*******	*******	3.5
NO. OF OBS.	10	2	4	5	4	3	5	3	3	2	1	0	42

TABLE 30A MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

HIGHEST FREEZING LEVEL DATA TIME OF ASCENT : 0800 HKT (0000 GMT)

MONTH	MEAN PRESSURE (MBAR)	(S.D.)	MEAN HEIGHT (GPM)	(S.D.)	EXTREME VALUES PRESSURE (MBAR) MAXIMUM	MINIMUM	EXTREME VALUES HEIGHT (GPM) MAXIMUM	MINIMUM
JAN	612.8	47.2	4239.2	621.4	749.0	506.0	5750	2531
NO.OF OBS.	310		310					
FEB	608.2	51.1	4304.8	680.7	754.0	495.0	5881	2504
NO.OF OBS.	283		283					
MAR	599.5	35.3	4425.8	485.6	702.0	491.0	5886	3074
NO.OF OBS.	310		310					
APR	589.0	26.6	4570.5	377.5	673.0	514.0	5644	3439
NO.OF OBS.	300		300					
MAY	560.9	19.8	4967.1	291.8	616.0	495.0	5934	4158
NO.OF OBS.	310		310					
JUN	544.8	17.9	5201.9	270.3	595.0	498.0	5937	4450
NO.OF OBS.	296		296					
JUL	541.7	19.5	5243.6	290.7	594.0	472.0	6343	4466
NO.OF OBS.	307		307					
AUG	543.1	19.3	5215.4	285.8	601.0	487.0	6042	4345
NO.OF OBS.	310		310					
SEP	552.3	17.4	5103.7	259.0	594.0	495.0	6001	4537
NO.OF OBS.	298		298					
OCT	563.8	22.0	4944.4	316.1	621.0	503.0	5813	4140
NO.OF OBS.	310		310					
NOV	580.8	32.3	4702.1	449.4	688.0	503.0	5838	3279
NO.OF OBS.	300		300					
DEC	590.7	38.5	4553.3	521.2	770.0	517.0	5614	2360
NO.OF OBS.	310		310					
YEAR	573.9	39.7	4790.7	552.3	770.0	472.0	6343	2360
NO.OF OBS.	3644		3644					

TABLE 31A MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

TROPOPAUSE DATA TIME OF ASCENT : 0800 HKT (0000 GMT)

MONTH	MEAN PRESSURE (MBAR)	(S.D.)	MEAN HEIGHT (GPM)	(S.D.)	MEAN TEMPERATURE (CELSIUS)	(S.D.)	EXTREME VALUES PRESSURE (MBAR) MAXIMUM	MINIMUM	EXTREME VALUES HEIGHT (GPM) MAXIMUM	MINIMUM	EXTREME VALUES TEMPERATURE (CELSIUS) MAXIMUM	MINIMUM
JAN	102.8	14.1	16421.7	792.6	-78.3	3.3	164.0	75.0	18183	13533	-64.8	-87.6
NO. OF OBS.	282		282		282							
FEB	102.3	14.8	16448.1	838.2	-78.6	3.8	150.0	64.0	19190	14040	-67.8	-87.3
NO. OF OBS.	277		277		277							
MAR	99.7	11.9	16614.5	704.1	-79.1	3.1	144.0	72.0	18463	14293	-67.1	-86.1
NO. OF OBS.	298		298		298							
APR	99.6	14.5	16669.3	833.3	-77.7	3.0	178.0	70.0	18756	12979	-63.6	-83.8
NO. OF OBS.	286		286		286							
MAY	99.2	12.0	16758.8	706.3	-78.7	2.6	144.0	70.0	18719	14462	-71.5	-84.0
NO. OF OBS.	292		292		292							
JUN	103.5	12.0	16557.6	690.8	-77.8	2.5	145.0	74.0	18385	14497	-69.3	-84.0
NO. OF OBS.	278		278		278							
JUL	105.8	11.0	16424.9	626.6	-77.1	2.9	146.0	79.0	18114	14694	-69.9	-83.6
NO. OF OBS.	291		291		291							
AUG	108.8	11.4	16255.5	624.3	-76.2	2.8	150.0	85.0	17709	14170	-68.1	-83.4
NO. OF OBS.	294		294		294							
SEP	106.2	11.0	16367.4	609.7	-77.3	2.6	139.0	78.0	18019	14689	-67.6	-85.7
NO. OF OBS.	276		276		276							
OCT	103.6	11.6	16480.4	668.8	-78.4	3.1	139.0	76.0	18315	14690	-67.7	-86.6
NO. OF OBS.	289		289		289							
NOV	102.0	13.0	16536.3	749.6	-78.8	2.9	135.0	74.0	18413	14766	-65.0	-87.4
NO. OF OBS.	282		282		282							
DEC	104.9	15.1	16335.8	853.4	-78.0	3.0	154.0	70.0	18658	14006	-67.3	-85.2
NO. OF OBS.	296		296		296							
YEAR	103.2	13.1	16489.1	741.8	-78.0	3.1	178.0	64.0	19190	12979	-59.9	-87.6
NO. OF OBS.	3451		3451		3451							

TABLE 32A MEANS OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

LAPSE RATE BETWEEN SPECIFIED LEVELS (°C/km) TIME OF ASCENT : 0800 HKT (0000 GMT)

(MBAR)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
1000-950	4.1	3.8	4.2	5.4	6.4	7.3	7.8	7.2	7.0	6.9	5.9	4.7	5.6
(S.D.)	(2.93)	(3.04)	(3.42)	(2.92)	(2.38)	(1.67)	(1.48)	(1.91)	(1.61)	(1.74)	(2.10)	(2.86)	(2.45)
NO. OF OBS.	309	282	309	295	262	197	123	102	256	295	298	310	2978
950-900	1.5	1.4	2.2	3.3	4.9	6.0	6.2	5.6	5.7	4.9	3.4	2.0	3.9
(S.D.)	(3.85)	(4.20)	(3.85)	(3.38)	(2.32)	(1.98)	(1.96)	(1.98)	(1.97)	(2.27)	(3.04)	(3.78)	(3.47)
NO. OF OBS.	310	283	310	300	310	294	307	310	298	310	300	310	3642
900-850	2.4	2.5	2.7	3.7	4.6	4.8	4.9	5.1	5.0	4.0	3.1	2.7	3.8
(S.D.)	(3.77)	(4.01)	(4.21)	(2.69)	(2.24)	(2.08)	(2.13)	(1.91)	(2.00)	(3.13)	(3.36)	(4.03)	(3.26)
NO. OF OBS.	310	283	310	300	310	294	307	310	298	310	300	310	3642
850-800	4.0	3.5	2.8	3.7	4.5	4.6	4.7	4.6	5.0	3.6	3.3	4.0	4.0
(S.D.)	(3.24)	(3.51)	(3.56)	(2.77)	(2.19)	(1.93)	(1.95)	(1.92)	(2.07)	(3.41)	(3.20)	(3.27)	(2.90)
NO. OF OBS.	310	283	310	300	310	294	307	310	298	310	300	310	3642
800-700	3.9	4.4	4.8	4.7	4.6	4.4	4.6	4.8	4.5	4.3	4.0	3.5	4.4
(S.D.)	(3.00)	(2.97)	(2.10)	(1.48)	(1.25)	(1.04)	(1.16)	(1.05)	(1.25)	(1.64)	(1.98)	(2.66)	(1.97)
NO. OF OBS.	310	283	310	300	310	295	307	310	298	310	300	310	3643
700-600	3.4	3.8	5.1	6.0	5.5	5.4	5.4	5.1	5.2	5.2	4.4	3.3	4.8
(S.D.)	(2.83)	(2.64)	(1.98)	(1.28)	(1.07)	(.98)	(1.11)	(1.01)	(1.03)	(1.31)	(2.14)	(3.06)	(2.04)
NO. OF OBS.	310	283	310	300	310	295	307	310	298	310	300	310	3643
600-500	5.2	5.0	5.3	5.2	5.3	5.3	5.6	5.4	5.4	5.5	5.3	5.6	5.3
(S.D.)	(1.92)	(2.41)	(1.67)	(1.15)	(.93)	(.84)	(.96)	(.85)	(.84)	(1.15)	(1.59)	(1.58)	(1.41)
NO. OF OBS.	310	283	310	300	310	296	307	310	298	310	300	310	3644
500-400	5.7	6.0	6.1	6.3	5.6	5.8	5.9	5.9	6.1	6.1	6.0	6.2	6.0
(S.D.)	(1.71)	(1.58)	(1.36)	(.98)	(.73)	(.76)	(.84)	(.77)	(.76)	(.85)	(1.18)	(1.18)	(1.12)
NO. OF OBS.	310	283	310	300	310	296	305	310	298	310	300	310	3642
400-300	6.7	6.7	6.6	7.0	7.0	6.8	6.8	6.8	7.0	7.1	6.9	6.9	6.9
(S.D.)	(1.20)	(1.24)	(1.01)	(.81)	(.56)	(.56)	(.62)	(.56)	(.60)	(.62)	(.77)	(.91)	(.83)
NO. OF OBS.	310	283	310	300	310	294	304	310	298	310	300	310	3639
300-250	7.4	7.5	7.3	7.3	7.7	7.7	7.6	7.6	7.8	7.6	7.6	7.5	7.5
(S.D.)	(1.01)	(1.13)	(.89)	(.88)	(.63)	(.61)	(.60)	(.63)	(.61)	(.67)	(.74)	(.88)	(.81)
NO. OF OBS.	310	283	310	300	310	294	304	310	297	310	300	310	3638
250-200	7.5	7.5	7.5	7.5	7.8	8.0	7.9	7.9	7.8	7.6	7.6	7.6	7.7
(S.D.)	(.84)	(.95)	(.84)	(.81)	(.60)	(.66)	(.57)	(.61)	(.66)	(.71)	(.68)	(.80)	(.76)
NO. OF OBS.	310	283	310	299	310	294	304	310	297	310	300	310	3637
200-150	7.1	7.2	7.1	6.8	7.3	7.8	7.7	7.7	7.5	7.3	7.4	7.3	7.3
(S.D.)	(1.02)	(1.01)	(.95)	(1.00)	(.79)	(.71)	(.74)	(.78)	(.78)	(.84)	(.78)	(.86)	(.90)
NO. OF OBS.	307	282	307	295	307	292	303	305	289	306	296	308	3597
150-100	5.0	4.9	5.2	4.8	5.4	5.3	5.1	4.8	5.0	5.2	5.0	4.6	5.0
(S.D.)	(1.19)	(1.28)	(.99)	(1.05)	(.95)	(1.06)	(1.29)	(1.40)	(1.15)	(1.26)	(1.08)	(1.20)	(1.18)
NO. OF OBS.	302	279	301	290	300	282	290	297	285	292	285	297	3500
100- 50	-3.1	-3.1	-3.4	-3.1	-3.5	-3.7	-3.4	-3.3	-3.5	-3.7	-3.4	-3.3	-3.4
(S.D.)	(.89)	(1.11)	(.95)	(.91)	(.95)	(.78)	(.75)	(.68)	(.71)	(.68)	(.71)	(.86)	(.86)
NO. OF OBS.	252	208	266	253	255	204	254	209	243	243	260	265	3032

TABLE 33A RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PERCENTAGE FREQUENCY DISTRIBUTION OF INVERSIONS WITH BASE BETWEEN SPECIFIED PRESSURE LEVELS TIME OF ASCENT : 0800 HKT (0000 GMT)

(MBAR)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
SFC-951	24.84	30.39	25.17	14.67	9.04	1.02	.98	.97	1.35	5.17	11.01	25.49	12.47
NO.OF OCCURRENCE	77	86	78	44	28	3	3	3	4	16	33	79	454
ASCENTS REACHED	310	283	310	300	310	295	307	310	298	310	300	310	3643
950-901	26.13	24.74	21.62	20.67	10.97	5.79	10.10	9.68	12.42	15.81	25.34	26.46	17.47
NO.OF OCCURRENCE	81	70	67	62	34	17	31	30	37	49	76	82	636
ASCENTS REACHED	310	283	310	300	310	294	307	310	298	310	300	310	3642
900-851	26.13	20.85	25.49	21.34	11.62	7.83	9.78	9.04	9.40	18.71	21.67	23.23	17.11
NO.OF OCCURRENCE	81	59	79	64	36	23	30	28	28	58	65	72	623
ASCENTS REACHED	310	283	310	300	310	294	307	310	298	310	300	310	3642
850-801	14.52	18.03	18.71	21.00	13.55	8.51	8.15	8.39	12.76	22.59	22.00	15.81	15.33
NO.OF OCCURRENCE	45	51	58	63	42	25	25	26	38	70	66	49	558
ASCENTS REACHED	310	283	310	300	310	294	307	310	298	310	300	310	3642
800-701	32.26	28.98	21.30	22.34	20.65	18.31	16.62	14.20	20.47	26.78	32.67	37.75	24.35
NO.OF OCCURRENCE	100	82	66	67	64	54	51	44	61	83	98	117	887
ASCENTS REACHED	310	283	310	300	310	295	307	310	298	310	300	310	3643
700-601	34.84	34.63	25.17	9.01	8.71	4.07	8.47	12.91	9.74	14.20	26.67	32.91	18.42
NO.OF OCCURRENCE	108	98	78	27	27	12	26	40	29	44	80	102	671
ASCENTS REACHED	310	283	310	300	310	295	307	310	298	310	300	310	3643
600-501	14.84	16.61	14.20	15.01	10.01	5.07	9.45	7.42	6.38	10.33	15.01	10.33	11.20
NO.OF OCCURRENCE	46	47	44	45	31	15	29	23	19	32	45	32	408
ASCENTS REACHED	310	283	310	300	310	296	307	310	298	310	300	310	3644
500-401	13.55	11.31	9.04	3.01	2.26	3.05	1.63	2.91	2.02	3.23	8.34	7.10	5.60
NO.OF OCCURRENCE	42	32	28	9	7	9	5	9	6	10	25	22	204
ASCENTS REACHED	310	283	310	300	310	296	307	310	298	310	300	310	3644
400-301	2.91	5.31	3.23	.67	.97	.34	1.64	.33	.68	.33	1.34	2.26	1.65
NO.OF OCCURRENCE	9	15	10	2	3	1	5	1	2	1	4	7	60
ASCENTS REACHED	310	283	310	300	310	296	305	310	298	310	300	310	3642
300-251	.33	.36	.00	.00	.00	.00	.00	.00	.00	.00	.00	.97	.14
NO.OF OCCURRENCE	1	1	0	0	0	0	0	0	0	0	0	3	5
ASCENTS REACHED	310	283	310	300	310	294	305	310	298	310	300	310	3640
250-201	.33	.00	.00	.34	.00	.00	.00	.00	.00	.00	.00	.00	.06
NO.OF OCCURRENCE	1	0	0	1	0	0	0	0	0	0	0	0	2
ASCENTS REACHED	310	283	310	300	310	294	304	310	297	310	300	310	3638
200-151	.65	.36	.00	.34	.00	.00	.00	.00	.00	.00	.00	.00	.11
NO.OF OCCURRENCE	2	1	0	1	0	0	0	0	0	0	0	0	4
ASCENTS REACHED	310	283	310	300	310	294	304	310	297	310	300	310	3638
150-101	8.77	6.01	5.18	3.72	7.80	11.65	24.10	29.84	22.53	16.56	9.74	10.07	13.02
NO.OF OCCURRENCE	27	17	16	11	24	34	73	91	66	51	29	31	470
ASCENTS REACHED	308	283	309	296	308	292	303	305	293	308	298	308	3611
100- 51	72.70	73.41	74.02	76.46	68.75	64.14	59.67	59.61	61.33	68.75	69.50	74.18	68.55
NO.OF OCCURRENCE	221	207	225	224	209	186	179	180	176	209	205	224	2445
ASCENTS REACHED	304	282	304	293	304	290	300	302	287	304	295	302	3567

TABLE 34A (I) MEANS AND EXTREMES OF RADIOSONDE - RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

TIME OF ASCENT : 0800 HKT (0000 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
HEIGHT : 600 M													
MAX. SPEED	26	25	22	20	17	24	26	26	25	27	24	28	27
DATE	740131	710224	710307	720422	720521	740613	740722	780827	760919	751014	721108	761209	751014
MIN. SPEED	0	0	0	0	0	0	0	0	0	0	0	0	0
DATE	710112	710201	710303	710408	710524	710620	710703	710810	710906	721003	721106	711211	710112
SCALAR MEAN	6	7	8	7	6	6	6	5	5	7	6	6	6
VECTOR MEAN	79 5	85 5	95 7	103 6	111 4	149 3	163 2	123 2	81 4	66 5	51 4	67 5	90 8
CONSTANCY (%)	75	77	80	83	67	42	30	34	68	73	74	73	60
S. V. D.	6.3	6.6	6.1	6.0	6.8	7.2	7.2	6.6	6.2	7.1	5.7	6.0	6.9
NO. OF OBS.	308	280	307	295	306	291	306	310	298	310	299	306	3616
HEIGHT : 300 M													
MAX. SPEED	30	33	33	33	32	41	46	47	44	43	37	38	47
DATE	740131	710210	720301	720422	770529	760603	800722	780827	760919	741019	711123	801212	780827
MIN. SPEED	1	1	1	0	1	1	1	1	1	1	1	1	0
DATE	730101	720222	720309	750426	710508	760620	710704	720807	710912	741003	741107	721208	750426
SCALAR MEAN	10	11	12	11	10	11	11	10	10	13	11	10	11
VECTOR MEAN	65 8	76 8	87 10	98 7	119 4	182 4	213 3	113 1	64 6	59 10	45 9	54 9	76 5
CONSTANCY (%)	80	77	82	84	83	77	65	67	59	81	85	83	50
S. V. D.	8.5	9.6	9.3	10.1	10.7	12.2	12.7	11.9	10.8	10.5	8.0	8.0	11.3
NO. OF OBS.	309	281	307	295	306	290	306	310	298	310	300	306	3618
HEIGHT : 600 M													
MAX. SPEED	35	28	30	40	32	45	54	50	54	48	40	32	54
DATE	710108	740204	780301	740428	770529	760603	800722	780827	760919	741019	791118	751221	800722
MIN. SPEED	1	1	1	1	1	1	1	1	1	1	1	1	1
DATE	760131	720222	720326	720427	710508	790612	710715	760817	710921	741004	761115	721224	760131
SCALAR MEAN	11	11	12	12	11	13	13	12	12	15	13	12	12
VECTOR MEAN	80 8	97 7	112 9	130 7	157 5	183 7	192 4	137 3	79 8	71 13	61 12	67 10	97 6
CONSTANCY (%)	77	66	71	61	48	51	32	28	66	86	89	86	49
S. V. D.	9.1	9.9	10.3	10.8	11.5	13.3	14.8	14.0	12.3	11.2	8.2	8.1	12.7
NO. OF OBS.	309	281	307	295	306	290	306	310	298	310	300	305	3617
HEIGHT : 900 M													
MAX. SPEED	40	30	32	40	37	44	65	66	63	55	40	39	66
DATE	710108	750213	750322	740428	800523	760603	800722	780827	760919	741019	721108	741202	780827
MIN. SPEED	1	1	1	2	1	1	1	1	1	2	2	1	1
DATE	730113	720222	720324	740414	710508	780604	760731	720816	720923	721012	761113	721224	730113
SCALAR MEAN	11	12	13	13	13	15	15	14	14	17	14	13	14
VECTOR MEAN	92 8	120 6	136 8	155 8	180 7	187 9	184 5	143 4	87 9	77 15	67 13	74 10	113 6
CONSTANCY (%)	66	55	61	61	56	58	37	30	68	86	88	81	46
S. V. D.	10.8	11.6	12.0	11.8	12.4	14.2	16.6	15.8	13.7	12.6	9.6	9.9	14.3
NO. OF OBS.	309	281	307	295	306	290	306	310	298	310	300	304	3616
HEIGHT : 1200 M													
MAX. SPEED	39	37	36	37	38	44	67	45	59	57	42	41	67
DATE	710108	800227	770304	740428	800523	760603	800722	730821	760919	741019	791118	741202	800722
MIN. SPEED	1	1	1	1	1	1	2	1	2	1	2	1	1
DATE	730107	710208	750306	730404	720526	730608	750711	710825	720926	721012	721128	721211	730107
SCALAR MEAN	10	11	13	13	13	16	16	14	15	17	13	12	14
VECTOR MEAN	112 4	170 5	170 7	181 8	197 9	192 10	181 6	149 5	91 10	81 14	69 11	76 8	133 5
CONSTANCY (%)	57	48	53	64	65	63	40	33	68	83	81	64	58
S. V. D.	11.3	12.2	12.5	11.8	12.0	14.6	17.1	16.1	14.2	13.6	10.5	11.2	14.8
NO. OF OBS.	309	281	307	295	306	290	306	309	297	310	300	304	3614

TABLE 34A (II) MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

TIME OF ASCENT : 0800 HKT (0000 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
HEIGHT : 1500 M													
MAX. SPEED	42	40	34	36	41	48	67	44	49	62	40	44	67
DATE	710108	790221	780309	740428	800523	740612	800722	730821	760919	741019	731126	741202	800722
MIN. SPEED	1	1	1	1	1	2	1	1	1	1	1	1	1
DATE	740119	710214	720330	710417	760523	750613	750720	710802	710924	741003	741110	721209	740110
SCALAR MEAN	10	12	13	13	13	17	16	15	14	16	12	11	13
VECTOR MEAN	191 2	214 6	205 7	202 9	210 10	195 11	177 7	151 5	95 9	84 12	68 8	74 4	159 4
CONSTANCY (%)	17	53	57	68	73	66	43	36	66	78	64	39	31
S. V. D.	11.8	12.7	12.7	11.7	11.5	14.8	17.5	16.4	14.2	14.3	11.6	11.9	15.2
NO. OF OBS.	309	281	307	295	306	290	306	309	297	310	300	304	3614
HEIGHT : 1600 M													
MAX. SPEED	35	40	34	35	40	47	72	44	60	61	45	42	72
DATE	800129	790221	780321	780410	800523	740612	800722	730821	760919	751014	731126	741202	800722
MIN. SPEED	1	1	1	1	1	1	1	1	1	1	1	1	1
DATE	740118	720229	720313	750423	790524	780619	740728	710802	710924	721010	731115	721208	740118
SCALAR MEAN	12	14	14	14	14	17	16	15	14	14	11	11	14
VECTOR MEAN	252 5	238 9	230 9	219 10	219 11	199 12	176 7	152 6	98 9	86 10	62 5	42 1	190 4
CONSTANCY (%)	40	68	66	74	77	68	45	38	62	71	45	10	30
S. V. D.	12.3	12.7	12.8	11.8	11.3	15.0	17.7	16.3	14.4	14.5	12.0	12.3	15.5
NO. OF OBS.	308	281	307	294	306	291	306	309	297	309	300	304	3613
HEIGHT : 2100 M													
MAX. SPEED	37	37	36	37	42	44	70	46	63	62	43	41	70
DATE	750115	790221	780321	780410	800523	760603	800722	730822	760919	741019	731126	741202	800722
MIN. SPEED	1	1	1	2	1	2	1	1	1	1	1	1	1
DATE	720119	750222	710316	710412	760520	750614	740728	710824	720928	781006	731115	741224	720119
SCALAR MEAN	13	16	15	15	14	17	16	15	14	13	11	11	14
VECTOR MEAN	263 8	251 13	244 12	231 12	226 11	203 12	176 7	153 5	100 8	86 8	43 3	275 3	215 5
CONSTANCY (%)	59	79	76	79	80	69	45	38	59	62	28	23	33
S. V. D.	12.7	12.9	12.8	11.7	11.3	15.1	17.8	16.2	14.3	14.6	12.3	12.5	15.8
NO. OF OBS.	308	281	307	294	306	290	306	309	296	309	300	304	3610
HEIGHT : 2400 M													
MAX. SPEED	41	41	38	40	44	45	70	46	63	66	42	39	70
DATE	750115	770202	800307	740401	800523	740613	800722	710817	760919	741019	731126	741202	800722
MIN. SPEED	1	1	1	1	2	1	1	1	1	1	1	2	1
DATE	760130	790203	800315	740416	780506	720601	720726	710824	720921	761014	751118	721206	760130
SCALAR MEAN	15	18	17	16	14	17	16	14	13	13	11	12	15
VECTOR MEAN	267 11	259 15	253 14	241 13	232 12	206 12	176 7	150 5	102 7	85 7	355 2	266 5	231 6
CONSTANCY (%)	73	85	82	85	82	69	45	37	54	53	16	45	39
S. V. D.	13.2	13.0	12.7	11.5	11.3	14.9	17.7	15.9	14.3	14.7	12.6	12.7	16.1
NO. OF OBS.	307	281	306	294	306	290	306	309	295	309	299	303	3605
HEIGHT : 3000 M													
MAX. SPEED	44	41	43	39	40	49	62	48	60	66	42	39	66
DATE	750116	770203	800306	740401	800523	740613	800722	790802	760919	741019	731126	741202	741019
MIN. SPEED	2	3	1	1	1	1	2	1	1	1	1	2	1
DATE	710104	730209	800324	800417	800521	760618	730706	720802	710911	761014	731104	711211	800324
SCALAR MEAN	21	23	21	18	17	15	15	13	12	12	12	16	16
VECTOR MEAN	269 17	267 21	263 18	253 17	242 13	212 11	173 7	153 5	105 6	90 4	283 5	261 12	248 8
CONSTANCY (%)	85	91	88	90	84	68	46	37	49	31	40	73	51
S. V. D.	14.1	12.5	12.7	10.9	11.1	14.8	17.0	15.2	13.8	15.2	13.1	13.3	16.7
NO. OF OBS.	307	281	306	294	305	289	306	309	295	309	299	302	3602

TABLE 34A(III) MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

TIME OF ASCENT : 0800 HKT (0000 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
HEIGHT : 3300 M													
MAX. SPEED	50	45	46	39	40	52	58	47	57	64	43	44	64
DATE	780119	770209	800306	740401	800523	740613	800722	790802	760919	741019	731126	751214	741019
MIN. SPEED	2	2	1	1	1	2	1	1	1	1	1	2	1
DATE	760128	800216	800324	790418	800521	780617	730706	720802	710911	721004	711112	711214	800324
SCALAR MEAN	23	25	22	19	16	16	15	13	12	13	13	18	17
VECTOR MEAN	269 21	268 23	265 20	256 18	245 13	219 11	170 7	153 5	103 5	97 3	275 7	261 14	252 9
CONSTANCY (%)	89	93	90	91	84	66	45	36	45	23	54	80	59
S. V. D.	14.2	12.7	13.0	11.0	11.2	14.6	16.7	15.1	13.6	15.6	13.3	13.6	17.2
NO. OF OBS.	307	281	305	294	305	289	306	309	295	309	299	301	3600
HEIGHT : 3600 M													
MAX. SPEED	54	50	48	40	39	55	56	43	56	62	42	44	62
DATE	780120	770209	800306	740401	800508	740613	800722	790802	760919	741019	731126	751214	741019
MIN. SPEED	5	6	2	1	1	1	1	1	1	1	1	2	1
DATE	740107	730210	710313	790418	800521	760619	720729	720805	710911	721004	711112	711201	790418
SCALAR MEAN	26	27	24	20	16	15	15	13	12	13	15	21	18
VECTOR MEAN	267 24	268 25	267 22	258 19	248 13	216 10	166 7	152 5	101 5	102 2	270 9	261 18	254 11
CONSTANCY (%)	91	93	91	91	84	68	45	35	43	15	63	87	59
S. V. D.	14.5	13.0	13.1	11.2	11.2	14.8	16.2	14.9	13.3	15.8	13.7	13.6	17.6
NO. OF OBS.	307	281	305	294	305	290	306	309	295	309	299	301	3601
HEIGHT : 4500 M													
MAX. SPEED	70	63	60	46	38	51	57	49	54	62	44	53	70
DATE	800129	770201	720301	790402	800508	740613	800722	790802	740906	741019	741124	721228	800129
MIN. SPEED	7	6	5	3	1	1	1	1	1	1	1	4	1
DATE	740106	730201	720313	730424	760522	750615	720719	790814	720909	741003	771102	711214	760522
SCALAR MEAN	35	35	27	23	16	14	14	13	11	14	18	29	21
VECTOR MEAN	265 33	265 34	267 25	260 21	256 14	219 8	146 5	137 4	94 5	222 1	262 14	260 27	258 14
CONSTANCY (%)	95	95	93	93	84	59	37	29	41	9	78	93	66
S. V. D.	15.8	14.5	13.5	12.0	11.5	13.8	15.9	15.1	12.9	17.1	15.0	14.6	19.9
NO. OF OBS.	307	281	305	294	305	290	306	309	295	309	299	300	3600
HEIGHT : 5400 M													
MAX. SPEED	78	75	61	55	42	48	53	51	51	60	59	70	78
DATE	800130	710201	720302	790402	710506	740613	800722	790802	760919	741019	711115	721230	800130
MIN. SPEED	9	6	4	7	1	1	1	1	1	1	2	9	1
DATE	740106	800228	720314	710412	720530	710630	720718	720803	710909	771009	711107	741216	720530
SCALAR MEAN	44	43	33	26	17	13	14	13	11	15	23	35	24
VECTOR MEAN	265 42	264 41	265 31	258 25	260 14	223 6	127 5	111 4	85 4	248 4	260 19	261 33	260 17
CONSTANCY (%)	96	96	95	95	84	49	34	31	41	28	84	94	70
S. V. D.	16.9	16.6	14.7	12.6	12.1	13.7	15.8	15.0	12.5	17.8	17.0	16.2	22.7
NO. OF OBS.	307	281	305	294	305	290	306	308	294	308	299	300	3597
HEIGHT : 6000 M													
MAX. SPEED	85	81	72	61	44	48	49	48	49	59	64	71	85
DATE	800131	710201	750315	790402	710506	740613	800722	790826	760919	741019	711115	721229	800131
MIN. SPEED	19	10	3	7	2	1	1	1	1	1	2	12	1
DATE	750127	710218	720314	710412	720527	760624	720718	720803	710907	791001	711107	791208	760624
SCALAR MEAN	49	48	37	29	17	13	14	13	11	16	26	39	26
VECTOR MEAN	265 48	264 46	265 36	259 28	264 14	226 5	115 5	103 4	79 5	254 5	261 22	262 37	261 19
CONSTANCY (%)	97	96	95	95	84	41	39	38	42	31	87	95	72
S. V. D.	17.9	17.8	15.8	13.1	12.5	13.9	15.3	14.6	12.6	18.5	17.7	17.0	24.7
NO. OF OBS.	307	281	305	294	304	289	306	308	294	308	298	300	3594

TABLE 34A(IV) MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

TIME OF ASCENT : 0800 HKT (0000 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
HEIGHT : 7200 m													
MAX. SPEED	97	99	87	69	50	44	48	45	44	59	79	85	99
DATE	780118	790201	780317	800415	780514	740613	780726	790802	760919	741019	711115	801222	790201
MIN. SPEED	27	19	14	6	2	1	1	1	1	1	2	12	1
DATE	750104	710218	710305	750430	720527	750609	780722	790805	710909	721001	741116	741201	750609
SCALAR MEAN	59	57	48	36	18	12	14	13	12	18	32	46	30
VECTOR MEAN	268 58	264 56	263 46	262 34	268 15	231 3	99 7	95 6	71 5	264 7	262 29	262 44	262 23
CONSTANCY (%)	97	97	96	96	84	24	52	42	43	59	89	96	75
S. V. D.	19.7	19.3	18.8	15.5	13.4	13.8	14.5	14.3	12.8	20.0	21.2	19.2	29.1
NO. OF OBS.	307	281	305	298	303	289	306	308	294	308	298	299	3592
HEIGHT : 9000 m													
MAX. SPEED	108	117	111	84	56	51	62	52	46	80	94	106	117
DATE	780114	780216	780311	780410	780514	800604	710722	790802	770908	791030	711116	791224	780216
MIN. SPEED	36	32	14	8	3	2	1	1	1	2	3	20	1
DATE	800104	720204	710305	750430	710529	710604	730713	760817	740921	711019	741102	741201	730713
SCALAR MEAN	70	69	59	46	21	13	15	14	13	22	39	56	36
VECTOR MEAN	261 68	261 66	260 57	263 48	274 17	338 1	89 10	86 7	66 5	267 11	263 36	261 53	262 27
CONSTANCY (%)	97	97	97	96	83	5	66	50	37	49	91	96	76
S. V. D.	22.5	24.4	21.0	19.9	15.9	15.7	14.5	14.7	14.4	23.5	23.8	22.9	34.7
NO. OF OBS.	307	281	304	298	301	288	305	308	292	308	298	297	3587
HEIGHT : 9900 m													
MAX. SPEED	118	133	111	90	64	52	48	55	42	87	96	109	133
DATE	790131	790201	760304	740402	780514	800604	790705	790802	770908	791031	771121	721223	790201
MIN. SPEED	38	7	18	9	2	2	1	2	1	2	2	12	1
DATE	740123	780227	710306	750430	730517	720617	760702	710829	720901	711015	741105	741202	760702
SCALAR MEAN	72	71	62	50	22	14	17	15	14	24	42	59	38
VECTOR MEAN	260 70	261 69	259 60	264 48	279 18	25 3	84 12	80 8	62 4	268 13	263 39	261 57	263 29
CONSTANCY (%)	97	97	97	96	82	20	69	53	29	54	92	96	75
S. V. D.	23.2	25.8	21.8	22.0	17.1	16.2	15.0	15.8	15.8	25.1	24.0	23.6	36.7
NO. OF OBS.	306	281	304	298	300	288	305	308	291	308	298	297	3579
HEIGHT : 10500 m													
MAX. SPEED	125	138	112	96	66	49	44	53	45	93	93	114	138
DATE	790128	790201	780310	780411	780514	800618	790705	790802	800929	791031	711117	771229	790201
MIN. SPEED	41	37	18	13	3	2	2	1	1	2	3	13	1
DATE	720112	740219	710306	750430	730515	720617	740719	790811	750927	711019	711105	741202	790811
SCALAR MEAN	73	72	64	53	23	15	18	16	16	26	43	61	40
VECTOR MEAN	259 72	260 70	258 62	265 50	260 19	52 4	82 13	75 9	60 4	268 14	263 40	260 59	263 30
CONSTANCY (%)	98	97	97	96	83	29	72	55	25	56	92	96	74
S. V. D.	23.2	25.8	22.2	23.2	18.2	17.2	15.3	16.6	17.1	26.5	24.6	24.0	37.9
NO. OF OBS.	306	281	304	298	300	288	305	308	291	308	298	296	3578
HEIGHT : 12000 m													
MAX. SPEED	123	125	129	104	69	65	54	55	52	99	93	114	129
DATE	790128	790201	780310	790405	780506	800618	730701	720822	760902	791031	791101	721221	780310
MIN. SPEED	39	35	14	20	4	2	3	2	1	1	2	15	1
DATE	730127	720226	710304	740419	730515	720601	740723	720825	740905	711006	711104	741201	740905
SCALAR MEAN	74	73	65	57	26	20	22	19	18	27	45	65	43
VECTOR MEAN	258 72	257 70	255 63	267 54	286 21	28 9	76 17	69 12	47 3	268 16	260 42	254 63	261 30
CONSTANCY (%)	97	97	97	95	79	42	76	61	17	59	92	96	70
S. V. D.	24.2	24.8	23.6	24.4	20.5	21.2	18.8	18.0	20.2	27.0	25.5	25.1	40.2
NO. OF OBS.	305	281	303	298	300	288	305	308	290	308	298	295	3579

TABLE 34A(V) MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

TIME OF ASCENT : 0800 HKT (0000 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
HEIGHT : 13800 M													
MAX. SPEED	113	109	97	91	64	72	85	73	57	95	89	100	113
DATE	790131	790213	780301	750403	780513	800618	750710	770808	740914	791031	791128	721218	790131
MIN. SPEED	30	24	16	6	1	2	3	2	1	2	14	1	1
DATE	740125	760220	710305	750430	740513	710607	730706	710817	780910	781004	711104	751203	740513
SCALAR MEAN	66	65	58	50	25	26	29	25	19	24	43	61	41
VECTOR MEAN	251 64	255 63	254 56	267 48	296 19	25 14	69 24	69 18	52 6	264 14	255 39	252 59	262 25
CONSTANCY (%)	97	97	96	96	76	55	83	74	52	58	92	96	61
S. V. D.	21.7	22.4	21.8	21.6	20.2	24.9	23.0	21.7	20.8	25.3	23.9	22.7	39.6
NO. OF OBS.	302	279	301	286	298	288	304	306	283	308	297	293	3545
HEIGHT : 14100 M													
MAX. SPEED	114	112	94	96	65	72	84	74	58	92	88	93	114
DATE	790129	790213	790318	800416	780513	800618	750710	770809	760901	791031	771122	721218	790129
MIN. SPEED	29	27	16	6	3	3	3	2	1	3	1	13	1
DATE	740109	760220	710305	750430	740513	720617	730706	750810	780904	711006	711104	751203	780904
SCALAR MEAN	63	63	55	47	24	26	31	26	19	23	42	58	40
VECTOR MEAN	252 61	256 61	255 53	266 46	298 18	26 16	69 26	70 20	53 7	263 13	254 38	252 56	263 23
CONSTANCY (%)	97	97	96	96	75	60	85	77	58	57	92	96	58
S. V. D.	20.9	21.6	20.9	20.7	19.9	24.4	23.2	21.7	20.4	24.3	23.3	22.0	38.8
NO. OF OBS.	301	279	301	286	297	288	304	306	284	307	297	293	3543
HEIGHT : 15300 M													
MAX. SPEED	85	99	88	81	46	77	66	87	49	66	81	82	99
DATE	790131	790213	790318	790403	800505	750624	720708	770809	770912	791031	771122	711206	790212
MIN. SPEED	12	18	9	6	2	4	3	2	1	3	12	1	1
DATE	720107	740222	730331	710403	790507	780604	710716	720801	710926	751008	711102	761203	751008
SCALAR MEAN	48	50	44	36	20	26	34	29	19	19	34	46	34
VECTOR MEAN	257 47	260 49	259 42	266 34	312 13	39 19	68 31	70 25	58 13	256 7	254 31	256 44	270 15
CONSTANCY (%)	97	97	96	94	67	74	91	87	67	39	90	96	45
S. V. D.	18.0	18.6	17.9	18.1	17.1	21.4	21.5	20.0	17.2	21.0	20.1	18.1	34.6
NO. OF OBS.	300	278	301	286	295	286	299	304	283	304	294	291	3521
HEIGHT : 16200 M													
MAX. SPEED	76	79	72	61	41	67	71	82	49	54	68	68	82
DATE	790131	790201	790322	790403	790516	800630	720708	770808	730908	791027	771122	791227	770808
MIN. SPEED	1	7	3	1	2	3	8	3	2	2	2	7	1
DATE	720107	770228	730331	710403	750508	760605	770719	750812	740924	741010	711107	761202	720107
SCALAR MEAN	37	40	35	27	16	27	36	33	20	16	26	34	29
VECTOR MEAN	259 35	262 39	260 33	268 25	332 8	50 23	68 35	71 31	65 18	233 3	255 23	261 32	283 8
CONSTANCY (%)	96	97	96	91	51	85	95	95	87	16	86	94	28
S. V. D.	15.6	15.8	15.5	16.2	16.1	17.7	17.4	16.6	14.2	18.7	17.5	16.5	31.1
NO. OF OBS.	295	274	296	285	293	280	296	300	282	290	291	287	3478
HEIGHT : 16800 M													
MAX. SPEED	67	66	63	51	48	66	71	69	45	36	54	54	71
DATE	790131	790205	790322	780403	780531	750627	720708	770806	750902	751001	761115	801223	720708
MIN. SPEED	4	4	3	3	2	5	16	9	2	2	3	5	2
DATE	720107	770228	710303	710422	710511	800625	720727	770824	800926	721006	751102	741217	710511
SCALAR MEAN	30	34	29	22	15	28	38	35	22	15	21	28	26
VECTOR MEAN	261 28	262 32	262 27	267 19	2 7	57 26	71 37	73 34	71 20	113 2	253 17	262 26	308 4
CONSTANCY (%)	90	96	95	86	45	91	98	97	94	13	80	92	14
S. V. D.	18.7	18.0	18.3	15.2	15.5	16.2	13.9	13.0	12.5	16.6	15.8	15.4	28.9
NO. OF OBS.	290	269	293	283	285	276	295	297	278	291	287	282	3426

TABLE 34A (VI) MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

TIME OF ASCENT : 0800 HKT (0000 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
HEIGHT : 18300 M													
MAX. SPEED	41	52	47	36	46	55	55	57	49	32	36	40	57
DATE	710128	780214	790316	720404	800524	750626	720708	770807	780907	731007	771130	721218	770807
MIN. SPEED	2	5	2	3	1	6	16	5	2	2	2	2	1
DATE	710122	730205	740325	720421	800503	740601	720727	790804	720930	731020	721106	741213	800503
SCALAR MEAN	18	22	19	14	15	30	39	37	24	13	12	16	22
VECTOR MEAN	262 16	263 21	265 18	274 9	65 12	72 29	79 38	81 36	82 24	89 9	240 5	259 13	73 6
CONSTANCY (%)	89	95	91	62	80	68	99	99	98	70	46	82	26
S. V. D.	12.1	10.9	11.9	13.6	12.6	10.9	9.0	8.5	9.5	11.5	12.5	11.8	23.9
NO. OF OBS.	277	260	285	273	274	267	284	280	267	276	275	276	3294
HEIGHT : 18500 M													
MAX. SPEED	37	52	48	34	45	53	55	55	48	31	35	39	55
DATE	710128	780214	790316	720404	800524	780629	740728	770807	800911	731004	771130	801223	740728
MIN. SPEED	1	3	2	2	2	9	16	15	5	3	1	2	1
DATE	730111	750207	740331	710419	760504	740601	730702	790804	720930	711027	781108	741227	730111
SCALAR MEAN	17	21	18	13	15	30	38	37	25	14	11	15	21
VECTOR MEAN	262 15	263 20	267 16	279 7	69 13	74 29	81 38	83 36	83 24	87 10	229 4	259 12	77 7
CONSTANCY (%)	86	90	90	56	84	68	99	99	98	76	35	80	32
S. V. D.	11.7	10.9	11.5	12.9	12.1	10.7	8.8	8.4	9.3	10.8	12.0	11.3	23.2
NO. OF OBS.	271	259	284	270	274	267	283	279	267	273	275	276	3278
HEIGHT : 19800 M													
MAX. SPEED	32	35	35	26	46	51	55	57	45	33	30	30	57
DATE	710115	770215	780330	750430	760530	780630	750724	770810	740907	731004	741130	751206	770810
MIN. SPEED	1	2	2	1	1	13	22	19	12	2	1	1	1
DATE	720119	760203	710331	720425	720502	720606	760708	790804	720928	781024	711109	731212	720119
SCALAR MEAN	11	14	12	10	16	30	39	38	28	16	10	11	20
VECTOR MEAN	265 6	272 11	282 9	345 3	79 15	83 29	85 39	86 38	87 27	89 15	129 2	263 7	83 11
CONSTANCY (%)	53	75	77	26	94	90	99	99	99	92	24	59	57
S. V. D.	11.4	11.9	9.9	11.2	9.6	8.7	8.2	8.2	8.6	9.0	11.2	10.7	20.5
NO. OF OBS.	253	244	270	255	263	255	273	265	259	264	271	266	3138
HEIGHT : 20500 M													
MAX. SPEED	34	37	31	31	41	51	59	62	51	33	33	26	62
DATE	710115	770215	780306	750430	800523	750628	800712	790817	740904	751007	791110	751212	790817
MIN. SPEED	2	1	1	2	2	12	23	25	15	2	2	2	1
DATE	720117	760212	740327	780405	800507	720606	730703	760826	800917	721022	731104	741227	760212
SCALAR MEAN	10	12	10	10	17	31	41	40	30	17	10	10	20
VECTOR MEAN	285 2	285 5	298 6	39 4	82 16	84 31	86 41	87 40	87 30	89 16	95 4	265 4	84 14
CONSTANCY (%)	21	46	56	41	93	99	99	99	95	41	41	69	
S. V. D.	11.4	12.5	10.0	10.2	9.3	8.8	8.8	7.8	8.3	8.5	11.0	10.2	19.6
NO. OF OBS.	238	232	265	242	246	248	261	258	248	258	262	257	3015
HEIGHT : 21300 M													
MAX. SPEED	51	40	29	35	40	50	59	62	51	37	33	25	62
DATE	710115	750208	780306	750430	800525	750627	770721	800803	750911	781004	791110	751214	800803
MIN. SPEED	2	2	1	2	6	18	26	24	2	1	1	1	1
DATE	720110	710211	740320	720414	720519	790608	760718	770804	770925	721022	791125	781206	740320
SCALAR MEAN	11	11	9	10	19	34	43	42	32	19	11	9	21
VECTOR MEAN	51 3	349 3	348 3	65 7	84 18	88 34	88 43	88 41	88 31	87 18	84 7	282 2	85 17
CONSTANCY (%)	24	23	31	65	95	99	99	99	99	96	61	17	80
S. V. D.	12.6	12.7	10.0	9.6	9.3	8.1	9.0	8.3	8.5	9.0	10.9	10.0	19.0
NO. OF OBS.	149	203	234	226	225	231	242	237	235	246	247	233	2760

TABLE 34A (VII) MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

TIME OF ASCENT : 0800 HKT (0000 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
HEIGHT : 22400 M													
MAX. SPEED	50	43	51	33	46	54	69	63	57	44	35	38	69
DATE	710115	750208	800304	750430	800526	750626	770729	790816	710908	791007	791108	741210	770729
MIN. SPEED	2	2	3	2	7	15	28	27	18	4	2	1	1
DATE	750102	720209	720317	720410	720510	760601	740709	770831	730926	761026	711124	771220	771220
SCALAR MEAN	13	13	10	12	23	35	45	48	35	23	18	10	28
VECTOR MEAN	77 9	64 7	62 6	68 11	90 22	90 35	91 48	90 48	90 35	87 22	85 11	74 9	88 27
CONSTANCY (%)	66	50	53	86	97	99	99	99	99	98	80	48	90
S. V. D.	12.6	13.7	10.7	9.0	9.0	8.7	9.3	8.9	8.6	8.7	11.1	10.7	17.9
NO. OF OBS.	153	152	174	172	195	192	213	189	199	198	200	178	2217
HEIGHT : 23300 M													
MAX. SPEED	53	42	54	33	43	55	69	65	55	40	34	43	69
DATE	710115	750206	750312	710428	800526	800612	800721	760814	770901	791013	791104	781212	800721
MIN. SPEED	1	2	2	1	8	15	24	31	19	8	2	1	1
DATE	740123	720209	790317	780413	750502	780601	760706	800831	800925	801019	781120	801215	740123
SCALAR MEAN	14	15	12	14	24	36	46	46	37	25	14	12	26
VECTOR MEAN	76 10	73 9	73 7	94 12	93 23	92 35	91 45	91 45	91 36	89 24	88 12	85 8	90 24
CONSTANCY (%)	74	60	61	86	97	99	99	99	99	97	86	65	92
S. V. D.	12.4	10.7	11.8	10.3	9.1	9.8	9.6	9.1	9.0	9.1	10.1	12.1	17.8
NO. OF OBS.	122	129	146	152	172	174	191	165	173	172	172	146	1914
HEIGHT : 24300 M													
MAX. SPEED	48	44	51	35	48	58	63	61	63	46	39	55	63
DATE	800101	750206	760316	770420	800530	800630	780721	790815	750901	791008	791105	781212	780721
MIN. SPEED	2	3	3	3	8	15	20	25	18	7	3	2	2
DATE	720123	710215	710326	720410	760508	760604	750702	760804	800919	761019	711124	771207	720123
SCALAR MEAN	17	16	13	16	25	36	46	46	37	26	15	13	26
VECTOR MEAN	85 14	81 11	87 9	99 13	95 24	94 35	92 45	90 46	92 37	91 25	89 13	93 10	91 25
CONSTANCY (%)	83	70	66	85	97	98	99	99	99	98	87	78	93
S. V. D.	13.3	15.0	12.1	11.5	9.8	10.0	10.1	9.9	8.9	8.8	10.9	13.0	17.5
NO. OF OBS.	97	108	122	115	141	143	150	137	135	134	135	116	1533
HEIGHT : 25800 M													
MAX. SPEED	44	41	57	35	42	57	68	66	55	45	29	59	68
DATE	800129	750206	800301	800425	800523	800611	720713	790801	750903	791008	741128	781212	720713
MIN. SPEED	4	4	3	3	7	3	24	33	20	9	1	2	1
DATE	740123	730221	790307	760408	720510	710602	780708	800814	800916	801026	781129	771207	781129
SCALAR MEAN	17	18	13	15	25	35	45	48	38	26	15	18	26
VECTOR MEAN	100 13	104 12	117 7	110 12	97 24	93 35	91 45	92 47	95 37	96 25	101 12	105 15	96 28
CONSTANCY (%)	74	66	49	78	96	98	99	99	99	96	77	81	90
S. V. D.	15.8	16.3	13.5	11.9	10.7	10.7	10.1	9.3	8.3	10.7	11.6	16.2	18.4
NO. OF OBS.	56	60	76	76	83	75	70	74	69	73	79	69	860
HEIGHT : 26500 M													
MAX. SPEED	45	37	50	33	46	55	72	62	63	46	30	64	72
DATE	800129	800222	800311	800425	800531	800621	720713	790801	720907	731003	721129	781213	720713
MIN. SPEED	3	3	4	3	5	20	31	30	23	6	3	3	3
DATE	720122	750215	790307	760410	720510	780621	720718	800808	800922	711027	781129	801215	720122
SCALAR MEAN	17	18	13	15	24	36	44	48	39	24	14	18	26
VECTOR MEAN	105 11	117 11	155 5	119 11	98 23	90 35	91 44	90 47	93 38	94 22	105 10	108 14	97 23
CONSTANCY (%)	64	60	35	71	95	98	98	99	99	95	73	77	87
S. V. D.	16.6	16.5	14.2	12.4	12.1	10.6	9.7	9.0	10.0	10.8	11.7	17.1	19.6
NO. OF OBS.	48	46	57	54	59	60	52	57	50	56	58	48	641

TABLE 34A(VIII) MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

TIME OF ASCENT : 0800 HKT (0000 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
HEIGHT : 27300 ft													
MAX. SPEED	34	31	33	24	46	51	66	64	59	42	34	69	69
DATE	710115	800206	720315	710407	800531	790620	790718	720809	750903	731003	721129	781213	781213
MIN. SPEED	4	7	3	3	3	20	30	29	19	11	4	3	3
DATE	720117	750212	740306	720421	720503	780606	720718	800805	800922	761019	781129	711229	740306
SCALAR MEAN	15	16	13	13	22	37	45	50	41	23	13	20	26
VECTOR MEAN	119 7	144 6	216 5	116 7	96 21	91 36	91 44	89 49	91 41	90 23	117 8	106 16	95 21
CONSTANCY (%)	43	36	41	54	95	98	99	99	99	96	63	79	82
S. V. D.	16.4	17.5	13.9	12.5	12.2	10.8	10.5	11.5	9.8	9.8	11.8	19.8	21.5
NO. OF OBS.	34	24	41	35	50	42	36	40	37	34	40	31	444
HEIGHT : 29100 ft													
MAX. SPEED	16	17	22	22	35	57	70	68	66	39	23	92	92
DATE	720115	790221	720315	790418	790526	790620	720718	720809	780907	731003	731121	781213	781213
MIN. SPEED	5	12	9	6	2	11	33	36	23	13	4	11	2
DATE	710104	720203	720322	720414	720510	740613	720713	780809	780927	731031	781122	731205	720510
SCALAR MEAN	10	14	14	11	22	34	46	58	42	22	11	39	27
VECTOR MEAN	222 3	154 6	271 5	29 1	87 20	93 34	89 45	91 57	87 41	95 21	162 4	91 26	92 21
CONSTANCY (%)	29	40	34	4	43	99	98	100	98	96	34	66	78
S. V. D.	10.7	14.7	15.5	12.6	13.7	13.8	14.1	13.7	13.9	10.2	12.8	42.8	24.8
NO. OF OBS.	12	5	7	11	9	13	13	5	13	13	10	7	118
HEIGHT : 30000 ft													
MAX. SPEED	25	16	*****	8	31	13	58	84	48	19	9	*****	84
DATE	720117	730228	*******	720421	720524	740613	720726	720809	720913	721015	781108	*******	720809
MIN. SPEED	5	10	*****	2	7	13	38	84	28	9	9	*****	2
DATE	710104	720216	*******	730425	720510	740613	720716	720809	780909	711020	781108	*******	730425
SCALAR MEAN	15	13	*****	5	19	13	51	84	36	14	9	*****	26
VECTOR MEAN	208 12	303 4	*** ***	306 5	61 19	72 13	90 51	92 84	101 35	125 14	101 9	*** ***	96 19
CONSTANCY (%)	60	31	*****	44	48	100	100	100	99	98	100	*****	74
S. V. D.	12.7	18.0	*******	4.9	17.6	*******	10.2	*******	19.1	8.0	*******	*******	28.5
NO. OF OBS.	4	2	0	2	2	1	4	1	2	2	1	0	21
HEIGHT : 31000 ft													
MAX. SPEED	34	18	*****	13	35	18	57	84	37	18	10	*****	84
DATE	720117	730228	*******	720421	720524	740613	720726	720809	720913	721015	781108	*******	720809
MIN. SPEED	3	18	*****	13	35	18	57	84	24	8	10	*****	3
DATE	710104	730228	*******	720421	720524	740613	720726	720809	780909	711020	781108	*******	710104
SCALAR MEAN	18	18	*****	13	35	18	57	84	31	13	10	*****	30
VECTOR MEAN	203 16	273 18	*** ***	297 13	52 35	67 18	87 57	90 84	108 30	142 13	74 10	*** ***	95 20
CONSTANCY (%)	90	100	*****	100	100	100	100	100	100	99	100	*****	68
S. V. D.	23.9	*******	*******	*******	*******	*******	2.1	*******	10.0	7.3	*******	*******	32.1
NO. OF OBS.	2	1	0	1	1	1	2	1	2	2	1	0	14
HEIGHT : ***** ft													
MAX. SPEED	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
DATE	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******
MIN. SPEED	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
DATE	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******
SCALAR MEAN	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
VECTOR MEAN	*** ***	*** ***	*** ***	*** ***	*** ***	*** ***	*** ***	*** ***	*** ***	*** ***	*** ***	*** ***	*** ***
CONSTANCY (%)	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
S. V. D.	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******
NO. OF OBS.	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 1B MEANS OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

SURFACE DATA TIME OF ASCENT : 2000 HKT (1200 GMT)

MONTH	STATION LEVEL PRESSURE (MBAR)	(S.D.)	TEMPERATURE (CELSIUS)	(S.D.)	DEW-POINT (CELSIUS)	(S.D.)	VECTOR MEAN DIRECTION (DEGREES)	W MEAN SPEED (KNOTS)	I SCALAR MEAN (KNOTS)	N CONSTANCY (%)	D STANDARD VECTOR DEVIATION
JAN	1011.4	3.5	15.2	2.6	10.6	4.6	78	5	7	74.4	6.0
NO. OF OBS.	310		310		310		310		310		
FEB	1009.9	4.4	15.7	3.7	11.9	5.7	89	5	7	72.0	6.7
NO. OF OBS.	283		283		283		283		283		
MAR	1007.9	3.8	18.5	2.9	15.6	4.1	99	6	7	85.9	5.9
NO. OF OBS.	310		310		310		310		310		
APR	1004.5	3.2	22.1	2.8	19.5	3.4	107	6	7	75.9	6.5
NO. OF OBS.	300		300		300		300		300		
MAY	1000.9	3.1	25.2	2.2	22.8	2.3	112	5	7	70.7	6.4
NO. OF OBS.	310		310		310		310		310		
JUN	998.3	3.0	27.2	1.7	24.5	1.4	130	4	6	57.2	6.8
NO. OF OBS.	295		295		295		295		295		
JUL	996.9	4.0	28.2	1.4	24.9	1.0	146	3	6	44.7	7.5
NO. OF OBS.	306		306		306		306		306		
AUG	997.1	3.8	27.6	1.4	24.7	1.1	125	3	6	48.0	6.9
NO. OF OBS.	309		309		309		309		309		
SEP	1001.5	2.8	26.9	1.4	23.2	1.9	97	4	6	70.4	6.4
NO. OF OBS.	299		299		299		299		299		
OCT	1006.0	3.8	24.3	2.0	19.3	4.0	82	6	8	75.0	6.8
NO. OF OBS.	311		311		311		311		311		
NOV	1010.3	3.4	20.3	2.7	14.0	5.8	68	4	6	68.9	6.1
NO. OF OBS.	300		300		300		300		300		
DEC	1011.9	3.5	17.1	2.9	11.2	6.3	77	5	7	70.4	6.1
NO. OF OBS.	310		310		310		310		310		
YEAR	1004.7	6.5	22.4	5.2	18.5	6.6	97	4	7	64.1	6.8
NO. OF OBS.	3643		3643		3643		3643		3643		

TABLE 2B MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 1000 MILLIBARS TIME OF ASCENT : 2000 HKT (1200 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	30	31	38	33	31	20	19	14	25	37	33	38	38
DATE	710108	740223	780312	730412	720516	780627	710730	720821	740919	741013	721130	731221	780312
MIN. SPEED	1	0	1	0	0	0	0	0	0	1	1	0	0
DATE	740101	730213	740331	720414	750519	740630	750726	720822	760912	741002	751120	761201	730213
SCALAR MEAN	9	10	10	10	9	7	6	6	8	11	10	10	9
VECTOR MEAN	62 7	76 7	88 8	98 7	103 6	133 4	178 4	135 3	91 5	68 8	50 8	60 7	78 6
CONSTANCY (%)	76	70	77	68	74	57	59	53	67	80	80	78	68
S. V. D.	8.0	9.0	8.8	9.2	7.9	7.1	6.5	6.2	7.9	8.8	7.8	7.8	8.7
NO. OF OBS.	307	278	305	283	219	100	82	85	234	241	246	306	2786
HEIGHT :													
MAXIMUM	233	232	232	177	136	119	102	102	137	187	223	230	233
DATE	780104	770217	770304	750402	740510	800602	750718	760814	800923	791022	751123	751216	780104
MINIMUM	49	49	57	39	-30	-75	-95	-68	3	-30	39	57	-95
DATE	800128	790221	800307	720429	760526	710617	730716	750813	750923	741018	741107	741202	730716
MEAN	162.1	149.7	132.9	104.9	73.6	51.3	38.6	39.9	79.2	118.2	153.8	166.8	105.8
S. D.	28.7	36.2	31.9	27.5	27.1	26.3	26.2	23.8	24.8	23.2	28.1	28.5	55.3
NO. OF OBS.	310	284	310	300	310	247	307	309	289	310	300	310	3646
TEMPERATURE :													
MAXIMUM	20.3	24.2	25.8	26.9	29.6	29.9	30.0	29.4	30.0	29.4	26.6	22.9	30.0
DATE	750101	730227	730331	730426	730520	780616	790720	770807	800917	801013	801107	781204	790720
MINIMUM	4.1	4.8	10.4	12.6	18.2	22.2	24.1	23.3	21.5	16.3	10.6	5.0	4.1
DATE	710130	740225	760301	740401	710505	800603	730709	750830	710920	781029	751123	751213	710130
MEAN	14.5	15.1	18.0	21.6	24.6	27.0	28.0	27.3	26.6	23.8	19.6	16.4	20.4
S. D.	2.7	3.8	3.0	2.9	2.1	1.7	1.3	1.4	1.4	2.1	2.8	3.0	5.2
NO. OF OBS.	308	279	307	284	220	100	82	85	235	241	248	309	2748
DEW POINT :													
MAXIMUM	19.2	21.9	22.8	24.9	26.0	26.2	27.4	26.5	26.0	25.0	23.2	21.0	27.4
DATE	720124	790224	790311	800422	730520	790623	780709	800823	740927	751002	721115	771231	780709
MINIMUM	-7.9	-8.6	-1.7	8.6	12.5	18.2	22.4	21.9	13.7	-2.8	-7.1	-11.8	-11.8
DATE	760111	740226	770303	720408	760506	790601	740727	710826	770921	781028	751123	731230	731230
MEAN	10.0	11.2	15.1	19.0	22.1	24.2	24.6	24.2	23.1	18.9	13.3	10.6	16.3
S. D.	4.6	5.8	4.2	3.5	2.5	1.5	1.0	1.0	1.9	4.1	5.9	6.4	6.7
NO. OF OBS.	308	279	307	284	220	100	82	85	235	241	248	309	2748
REL. HUMIDITY													
MAXIMUM	98	99	100	99	99	98	98	98	98	98	96	98	100
DATE	720124	710226	780329	790406	800508	790607	730709	760825	800901	781017	721121	711221	780329
MINIMUM	22	26	30	47	53	62	71	70	48	25	21	15	15
DATE	710108	750220	770303	760423	800526	750601	740727	710830	770921	781028	791128	731230	731230
MEAN	75.4	79.0	83.9	85.4	86.4	84.8	82.3	83.4	81.3	75.0	69.1	71.2	78.7
S. D.	13.7	14.8	10.7	8.5	7.9	6.6	5.7	6.4	7.5	13.2	16.1	18.1	13.8
NO. OF OBS.	308	279	307	284	220	100	82	85	235	241	248	309	2748
HUMIDITY M.R.													
MAXIMUM	14.217	16.865	17.842	20.322	21.741	22.010	23.681	22.417	21.741	20.447	18.292	15.938	23.681
DATE	720124	790224	790311	800422	730520	790623	780709	800823	740927	751002	721115	771231	780709
MINIMUM	2.116	2.003	3.389	7.058	9.187	13.336	17.402	16.865	9.949	3.122	2.251	1.554	1.554
DATE	760111	740226	770303	720408	760506	790601	740727	710826	770921	781028	751123	731230	731230
MEAN	8.066	8.951	11.287	14.319	17.244	19.442	20.010	19.449	18.275	14.293	10.313	8.688	12.777
S. D.	2.312	3.120	2.800	2.971	2.440	1.642	1.179	1.162	1.983	3.210	3.353	3.007	4.825
NO. OF OBS.	308	279	307	284	219	100	82	85	235	289	298	309	2795

TABLE 3B MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 95 MILLIBARS TIME OF ASCENT : 2000 HKT (1200 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	29	29	33	36	33	59	48	42	41	47	44	29	59
DATE	710117	760226	780312	720429	720516	710617	730716	780827	760918	741019	721108	731230	710617
MIN. SPEED	1	2	1	1	1	1	1	1	1	1	1	1	1
DATE	780106	710215	740328	710425	720511	720611	740703	710829	720906	721010	791124	721205	780106
SCALAR MEAN	9	10	11	11	10	11	11	11	11	12	11	11	11
VECTOR MEAN	73 6	97 6	115 7	135 5	147 5	163 5	166 4	134 4	81 7	66 11	54 10	63 9	95 5
CONSTANCY (%)	69	59	64	50	46	36	38	64	83	88	81	85	49
S. V. D.	8.6	9.9	10.3	11.0	10.5	12.2	13.0	12.4	11.3	10.5	7.9	8.0	11.5
NO. OF OBS.	309	282	308	299	306	291	306	308	297	310	298	307	3621
HEIGHT :													
MAXIMUM	662	660	662	613	584	570	560	556	590	630	648	663	663
DATE	780104	770222	770304	750402	740512	800602	790712	760814	800923	791022	751123	791201	791201
MINIMUM	486	475	483	474	412	371	354	385	456	415	478	495	354
DATE	800129	790221	790310	780424	760526	710617	780729	750813	740901	741018	741108	741202	780729
MEAN	594.7	583.2	571.6	549.4	522.7	502.2	490.3	491.0	531.1	565.3	594.2	602.0	549.8
S. D.	26.3	32.9	28.6	25.1	27.0	27.9	37.0	34.7	25.7	32.8	24.8	25.4	49.4
NO. OF OBS.	310	283	310	300	310	295	306	309	299	310	300	310	3642
TEMPERATURE :													
MAXIMUM	19.4	21.2	23.0	26.5	28.1	27.7	30.6	28.1	28.7	25.6	26.0	22.6	30.6
DATE	800128	790253	790329	790407	760525	760629	800710	790801	750932	751012	741107	751206	800710
MINIMUM	3.1	1.9	8.1	9.7	14.7	19.7	21.4	20.9	17.2	14.2	8.3	2.7	1.9
DATE	710130	740235	760302	740402	710505	730606	730711	760825	710920	751030	751123	751214	740235
MEAN	12.4	13.2	16.0	19.5	22.4	24.2	25.0	24.6	23.6	20.8	16.9	14.0	19.4
S. D.	3.2	4.2	3.2	2.9	2.0	1.5	1.3	1.3	1.5	2.1	3.0	3.3	5.2
NO. OF OBS.	310	283	310	300	310	295	306	309	299	310	300	310	3642
DEW POINT :													
MAXIMUM	19.1	20.4	22.2	25.1	25.8	25.8	25.9	26.0	24.6	23.8	22.2	18.3	26.0
DATE	800128	790253	790329	790407	760526	770601	780715	760809	780905	741002	721114	751207	760809
MINIMUM	-9.7	-10.4	-4.7	5.0	7.8	14.6	16.3	13.9	9.9	-3.8	-9.1	-14.2	-14.2
DATE	760111	740226	770303	770402	760506	790613	760721	740830	710920	781028	751123	731229	731229
MEAN	8.3	9.6	13.4	17.0	20.3	22.2	22.7	22.3	20.9	17.0	11.4	8.7	16.2
S. D.	5.0	6.2	4.8	3.6	2.6	1.8	1.5	1.8	2.2	4.0	5.9	6.4	6.8
NO. OF OBS.	310	283	310	300	310	295	306	309	299	310	300	310	3642
REL. HUMIDITY													
MAXIMUM	99	99	100	99	100	100	100	100	99	100	100	100	100
DATE	770128	710225	710328	710407	780518	720618	770719	780809	730910	771004	721114	711221	710328
MINIMUM	21	23	30	43	51	58	58	59	55	25	21	16	16
DATE	710108	770223	770303	800416	760506	750601	760721	740830	710917	781028	791128	731230	731230
MEAN	78.0	80.3	85.4	86.4	88.6	89.2	87.5	87.4	85.2	79.9	72.3	72.9	82.8
S. D.	15.9	16.4	13.2	10.7	8.9	7.9	8.2	8.4	9.9	14.6	18.1	18.9	14.3
NO. OF OBS.	310	283	310	300	310	295	306	309	299	310	300	310	3642
HUMIDITY M.R.													
MAXIMUM	14.887	16.174	18.116	21.694	22.648	22.649	22.789	22.928	21.035	20.018	18.116	14.144	22.928
DATE	800128	790223	790329	790407	760526	790623	780715	760809	780905	741002	721114	751207	760809
MINIMUM	1.934	1.830	2.849	5.789	7.036	11.122	12.429	10.621	8.123	3.050	2.028	1.346	1.346
DATE	760111	740226	770303	770402	760506	790613	760721	740830	710920	781028	751123	731229	731229
MEAN	7.669	8.536	10.695	13.310	16.270	18.252	18.774	18.342	16.814	13.333	9.556	8.025	13.303
S. D.	2.405	3.134	2.934	2.831	2.464	2.008	1.750	1.988	2.195	3.005	3.197	2.818	4.874
NO. OF OBS.	310	283	310	300	310	295	306	309	299	310	300	310	3642

TABLE 48 MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 900 MILLIBARS TIME OF ASCENT : 2000 HKT (1200 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	30	35	33	37	37	58	65	45	51	50	45	35	65
DATE	800128	760226	770303	790405	800523	710617	780726	730821	760918	741019	721108	741201	780726
MIN. SPEED	1	1	1	1	1	1	1	1	1	1	1	1	1
DATE	720111	750217	730314	750418	760519	720611	740727	710829	750925	771023	761118	761211	720111
SCALAR MEAN	10	11	13	12	11	14	13	13	13	15	13	11	12
VECTOR MEAN	95 4	149 4	159 7	184 6	190 5	181 7	162 4	130 5	77 9	67 12	58 11	68 8	113 4
CONSTANCY (%)	38	39	53	54	48	48	35	36	64	82	84	70	35
S. V. D.	10.5	11.9	12.4	12.1	11.6	14.4	15.7	14.7	13.6	12.2	9.6	10.0	13.8
NO. OF OBS.	309	282	308	299	306	291	306	306	295	310	298	306	3618
HEIGHT :													
MAXIMUM	1110	1108	1112	1070	1054	1044	1038	1030	1065	1095	1098	1117	1117
DATE	780104	770222	770304	750401	740512	800622	790712	760814	800923	721026	741113	791201	791201
MINIMUM	947	942	950	943	891	842	826	862	924	882	947	960	826
DATE	800129	790221	790310	780424	760526	710617	780729	750813	740901	741018	741108	741202	780729
MEAN	1047.9	1038.2	1031.4	1014.8	993.1	975.6	965.0	965.2	1003.2	1032.3	1054.2	1057.6	1014.9
S. D.	24.4	29.6	25.4	22.6	25.4	27.7	30.8	25.9	25.4	21.6	21.7	22.9	42.7
NO. OF OBS.	310	283	310	300	310	295	306	306	299	310	300	310	3642
TEMPERATURE :													
MAXIMUM	18.0	20.0	21.0	25.1	24.9	27.3	27.2	26.4	25.5	25.3	24.9	19.9	27.3
DATE	780115	760215	790329	790407	760525	760629	800710	750807	760908	741002	741107	781204	760629
MINIMUM	3.2	1.1	4.7	6.7	14.7	17.9	18.8	18.1	13.2	11.3	5.8	3.1	1.1
DATE	770105	740225	760302	740402	710507	800603	770715	760825	710930	761029	751124	751226	740225
MEAN	11.2	12.5	14.8	17.8	20.2	21.6	22.3	22.0	21.0	18.4	14.8	12.5	17.4
S. D.	3.2	3.4	3.0	2.5	1.7	1.5	1.6	1.5	1.6	2.1	3.2	3.4	4.7
NO. OF OBS.	310	283	310	300	310	295	306	306	299	310	300	310	3642
DEW POINT :													
MAXIMUM	17.5	17.7	19.1	22.8	21.7	24.0	23.8	23.4	23.6	20.9	19.0	15.6	24.0
DATE	800128	750219	790329	790407	750518	760625	790702	750813	750905	781004	741130	781204	760625
MINIMUM	-12.5	-15.0	-8.4	-1.2	6.2	5.0	10.8	11.5	6.1	-8.6	-12.2	-16.1	-16.1
DATE	760111	740226	720303	800416	760506	710615	760717	740830	750926	781029	751123	751229	751229
MEAN	6.7	8.4	11.7	14.6	17.2	18.5	18.8	18.7	17.5	14.2	9.0	6.6	13.5
S. D.	5.4	6.0	4.7	5.4	2.5	2.5	2.5	2.2	2.3	4.1	5.8	6.5	6.3
NO. OF OBS.	310	283	310	300	310	295	306	309	299	310	300	310	3642
REL. HUMIDITY													
MAXIMUM	99	100	100	99	100	100	100	99	100	100	99	99	100
DATE	730101	800226	740326	720416	770527	720605	780729	720808	790923	781016	781115	721231	800226
MINIMUM	19	30	25	30	41	35	43	45	36	20	19	17	17
DATE	710112	750220	730326	800416	770502	710615	760717	740819	730926	761028	741128	751230	751230
MEAN	76.4	78.7	83.1	82.7	83.9	83.4	81.7	82.2	81.6	78.0	70.9	69.9	79.4
S. D.	18.6	17.1	14.9	12.7	11.4	11.5	12.2	10.9	11.3	15.1	18.1	19.5	15.4
NO. OF OBS.	310	283	310	300	310	295	306	309	299	310	300	310	3642
HUMIDITY M.R.													
MAXIMUM	14.006	14.372	15.724	19.876	18.549	21.419	21.155	20.634	20.893	17.637	15.624	14.853	21.419
DATE	800128	750219	790329	790407	750518	760625	790702	750813	750905	781004	741130	781204	760625
MINIMUM	1.658	1.566	2.260	3.907	6.646	6.109	9.115	9.427	6.599	2.332	1.671	1.215	1.215
DATE	760111	740226	720303	800416	760506	710615	760717	740830	730926	781029	751123	751229	751229
MEAN	7.306	8.249	10.069	11.970	14.098	15.274	15.547	15.467	14.353	11.740	8.618	7.585	11.676
S. D.	2.379	2.783	2.589	2.393	2.156	2.075	2.143	2.092	1.983	2.681	2.912	2.671	2.947
NO. OF OBS.	310	283	310	300	310	295	306	309	299	310	300	310	3642

TABLE 5B MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 850 MILLIBARS TIME OF ASCENT : 2000 HKT (1200 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	29	34	39	36	41	58	67	54	55	57	52	38	67
DATE	710103	730226	800307	780416	800523	710617	780726	780826	760918	751022	721108	741201	780726
MIN. SPEED	1	1	1	1	1	1	1	1	1	1	1	1	1
DATE	740117	710212	730323	720423	760512	730629	730723	710823	720922	771023	711102	721209	740117
SCALAR MEAN	10	12	13	13	12	15	14	14	14	16	12	11	13
VECTOR MEAN	211 2	217 6	208 8	216 9	222 7	197 7	162 4	118 4	71 9	71 12	61 9	71 4	148 3
CONSTANCY (%)	25	52	58	65	57	51	30	32	64	78	71	40	20
S. V. D.	11.2	12.7	13.2	12.5	12.1	15.2	17.1	16.0	14.5	13.6	11.3	11.7	15.2
NO. OF OBS.	309	282	308	299	304	291	306	308	294	310	296	303	3610
HEIGHT :													
MAXIMUM	1585	1583	1583	1554	1546	1542	1538	1526	1556	1584	1574	1596	1596
DATE	780104	780225	770324	770419	740512	800622	790712	760815	800923	721026	791130	781204	781204
MINIMUM	1432	1433	1441	1435	1393	1355	1321	1362	1415	1373	1441	1448	1321
DATE	800129	790221	790310	780424	760526	710617	780729	750813	740901	741018	741108	741202	780729
MEAN	1524.9	1517.1	1514.8	1503.5	1486.2	1471.2	1461.8	1461.5	1497.3	1521.5	1537.1	1536.8	1502.8
S. D.	23.7	27.3	22.8	20.9	24.2	27.8	36.7	33.0	25.5	30.9	19.4	21.6	37.4
NO. OF OBS.	310	283	310	300	310	295	306	309	299	310	300	310	3642
TEMPERATURE :													
MAXIMUM	15.5	21.5	20.9	21.7	25.2	24.2	25.4	23.9	22.9	22.0	21.3	18.4	25.4
DATE	750139	790223	770314	780430	760526	760629	800701	790814	780915	801010	741107	781204	800701
MINIMUM	1.2	-.8	3.3	7.4	11.4	15.7	16.0	15.5	13.2	10.4	3.8	1.3	-.8
DATE	730102	740226	720301	720409	710507	720627	720727	760825	790928	711014	751122	751216	740226
MEAN	10.0	10.8	13.3	15.9	18.0	19.3	19.9	19.6	18.4	16.0	13.0	11.1	15.5
S. D.	2.5	3.7	2.9	2.3	1.7	1.5	1.6	1.6	1.6	2.0	3.0	2.7	4.2
NO. OF OBS.	310	283	310	300	310	295	306	309	299	310	300	310	3642
DEW POINT :													
MAXIMUM	14.9	15.7	17.2	19.3	20.1	20.3	22.4	20.8	21.9	18.2	16.9	15.2	22.4
DATE	750130	730228	740310	750429	800523	770622	790704	750813	770924	751020	741108	751204	790704
MINIMUM	-24.2	-16.2	-13.6	-8.1	-2.8	-.7	-5.1	5.4	3.3	-21.3	-26.1	-18.2	-26.1
DATE	710112	740226	770305	800415	710509	720608	750726	800813	800912	781028	751125	751230	751125
MEAN	4.6	6.2	9.0	11.5	13.8	15.2	15.1	15.3	14.5	11.1	6.5	4.3	10.6
S. D.	5.7	5.8	5.2	4.1	3.0	2.6	3.2	2.6	2.5	4.9	6.7	7.1	6.2
NO. OF OBS.	310	283	310	300	310	295	306	309	299	310	300	310	3642
REL. HUMIDITY													
MAXIMUM	100	100	99	100	99	100	100	100	100	100	99	99	100
DATE	750112	800226	710304	790406	750514	720605	780726	760825	710916	781016	731129	741212	750112
MINIMUM	8	17	11	23	26	27	15	34	32	7	12	6	6
DATE	710112	770210	770314	800415	800501	720608	750726	800813	740912	781028	751125	791223	751125
MEAN	72.2	75.7	78.3	77.0	77.6	78.6	75.4	77.1	79.1	75.3	68.2	66.9	75.1
S. D.	19.8	19.0	18.8	16.7	14.0	13.3	15.1	13.1	13.7	17.4	21.0	22.6	17.7
NO. OF OBS.	310	283	310	300	310	295	306	309	299	310	300	310	3642
HUMIDITY M.R.													
MAXIMUM	12.694	13.377	14.750	16.886	17.775	18.003	20.558	18.584	19.921	15.735	14.466	12.946	20.558
DATE	750126	730228	740310	750429	800523	770622	790704	750813	770924	751020	741108	751204	790704
MINIMUM	.638	1.274	1.579	2.450	3.673	4.292	3.088	6.656	5.736	.824	.537	1.076	.537
DATE	710112	740226	770305	800415	710509	720608	750726	800813	800912	781028	751125	751230	751125
MEAN	6.704	7.520	8.989	10.408	11.985	13.104	13.059	13.167	12.492	10.292	7.796	6.763	10.191
S. D.	2.134	2.468	2.537	2.410	2.100	2.014	2.368	2.100	1.923	2.629	2.844	2.672	3.405
NO. OF OBS.	310	283	310	300	310	295	306	309	299	310	300	310	3642

TABLE 6B MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 800 MILLIBARS TIME OF ASCENT : 2000 HKT (1200 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	34	42	39	38	39	55	62	56	55	61	54	37	62
DATE	770131	800229	800307	730401	800523	710617	780726	780826	760918	741018	721108	741201	780726
MIN. SPEED	2	1	1	1	1	1	1	1	1	1	1	1	1
DATE	710110	730212	720426	740423	740528	760618	780708	710824	710901	721002	791130	721207	730212
SCALAR MEAN	13	15	15	15	13	15	15	14	14	15	11	11	14
VECTOR MEAN	249 8	245 11	237 11	234 12	238 9	209 8	166 4	114 4	72 8	76 10	60 4	260 1	216 3
CONSTANCY (%)	60	76	73	77	69	55	28	30	59	68	40	11	23
S. V. D.	12.3	12.6	12.9	12.4	12.2	15.4	17.7	16.2	14.4	14.2	12.2	12.3	15.8
NO. OF OBS.	308	282	308	299	304	291	307	308	293	310	296	300	3606
HEIGHT :													
MAXIMUM	2094	2087	2088	2069	2063	2064	2062	2047	2071	2100	2087	2116	2116
DATE	790124	780225	770324	770419	740512	800622	790712	760816	800923	741026	741119	781204	781204
MINIMUM	1942	1950	1961	1954	1923	1853	1842	1888	1933	1890	1961	1964	1842
DATE	800129	790220	790310	780424	760526	710617	780729	730813	740901	741018	741108	741202	780729
MEAN	2027.9	2021.9	2024.7	2018.0	2004.5	1991.9	1983.7	1982.7	2016.3	2036.1	2046.2	2041.7	2016.5
S. D.	24.0	26.1	21.2	20.0	23.2	28.0	36.9	32.3	25.9	30.4	18.6	21.3	33.4
NO. OF OBS.	310	283	310	300	310	295	307	309	289	310	300	310	3643
TEMPERATURE :													
MAXIMUM	15.5	20.0	19.2	19.4	21.3	21.5	22.0	20.8	19.9	19.0	18.2	17.3	22.0
DATE	780123	790223	800330	790426	760526	720623	710725	780817	740908	741002	741106	781204	710725
MINIMUM	1.6	-.8	.1	5.8	8.8	12.4	13.1	12.9	11.4	7.0	3.6	-.8	-.8
DATE	790131	780217	720301	720409	710506	740613	720727	760825	710931	711012	751132	731230	780217
MEAN	8.1	9.2	11.9	14.0	15.7	16.8	17.4	17.0	15.8	14.0	11.5	9.2	13.4
S. D.	2.2	3.5	2.9	2.3	1.6	1.6	1.6	1.5	1.5	1.9	2.5	2.4	3.9
NO. OF OBS.	310	283	310	300	310	295	307	309	289	310	300	310	3643
DEW POINT :													
MAXIMUM	13.4	12.8	14.4	16.2	17.4	17.1	18.2	16.9	17.3	14.9	14.4	13.1	18.9
DATE	750126	750223	750312	750429	800523	750606	790704	780808	770924	751008	741130	741202	780808
MINIMUM	-26.2	-22.3	-20.8	-18.0	-10.0	-1.1	-8.4	-.9	-9.2	-17.9	-24.4	-28.1	-28.1
DATE	710112	770210	730325	770401	770511	710615	750726	760831	770910	781030	771121	751228	751228
MEAN	2.0	3.8	5.6	8.0	10.8	11.8	11.5	12.1	11.2	7.3	3.0	1.7	7.4
S. D.	6.0	5.5	6.2	5.2	3.5	3.0	3.7	2.8	3.4	6.3	7.7	7.6	6.6
NO. OF OBS.	310	283	310	300	310	295	307	309	289	310	300	310	3643
REL. HUMIDITY													
MAXIMUM	99	100	100	100	100	100	100	100	100	100	99	100	100
DATE	780117	800226	750313	790406	720507	750627	780726	750831	730907	781016	721123	741227	800226
MINIMUM	8	10	8	12	14	28	15	30	14	11	7	8	7
DATE	710112	770210	730325	770401	770511	710615	750726	760831	770910	781029	771121	751228	771121
MEAN	69.5	72.3	69.9	70.8	74.5	74.3	70.2	74.2	76.1	68.0	61.6	64.9	70.5
S. D.	21.3	19.8	23.1	21.0	15.3	15.6	16.7	13.8	16.1	22.2	24.6	23.9	20.2
NO. OF OBS.	310	283	310	300	310	295	307	309	289	310	300	310	3643
HUMIDITY M.R.													
MAXIMUM	12.226	11.747	13.064	14.704	15.898	15.590	16.742	17.513	15.795	13.502	13.064	11.984	17.513
DATE	750126	730223	750312	750429	800523	750606	790704	780808	770924	751008	741130	741202	780808
MINIMUM	.565	.802	.915	1.163	2.242	4.429	2.543	4.495	2.388	1.173	.665	.475	.475
DATE	710112	770210	730325	770401	770511	710615	750726	760831	770910	781030	771121	751228	751228
MEAN	5.975	6.698	7.689	8.904	10.518	11.204	11.010	11.353	10.785	8.659	6.673	6.059	8.795
S. D.	2.006	2.124	2.550	2.571	2.132	2.073	2.373	1.998	2.060	2.924	2.833	2.433	3.117
NO. OF OBS.	310	283	310	300	310	295	307	309	299	310	300	310	3643

TABLE 7B MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 700 MILLIBARS TIME OF ASCENT : 2000 HKT (1200 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	55	46	45	44	52	56	52	58	53	57	65	40	65
DATE	750115	790222	790319	800412	720511	740612	780726	780826	770924	741018	721108	771231	721108
MIN. SPEED	3	3	2	3	1	1	1	1	1	1	1	2	1
DATE	760122	730208	720324	790413	740514	730609	730730	770827	730919	711015	711111	721202	740514
SCALAR MEAN	22	23	20	19	16	15	15	14	12	12	12	17	16
VECTOR MEAN	261 19	260 21	257 18	252 17	250 13	220 10	166 5	130 4	87 5	89 4	268 5	257 13	209 9
CONSTANCY (%)	88	92	89	90	83	63	31	28	46	35	42	80	52
S. V. D.	14.1	12.7	12.2	11.4	11.8	15.0	17.8	16.0	13.6	14.9	15.4	12.9	16.9
NO. OF OBS.	308	282	308	298	304	291	307	307	293	310	295	295	3598
HEIGHT :													
MAXIMUM	3204	3188	3198	3189	3187	3196	3213	3178	3194	3221	3208	3252	3252
DATE	790124	800222	770324	770419	740512	800622	790712	760814	800924	721026	741119	781204	781204
MINIMUM	3048	3042	3048	3076	3058	2981	2976	3017	3059	3013	3087	3084	2976
DATE	800129	720229	720301	780424	770529	710617	780729	780826	740901	741018	741108	721223	780729
MEAN	3123.0	3121.1	3134.0	3135.8	3129.5	3121.9	3115.5	3112.7	3141.9	3154.9	3154.3	3141.8	3132.2
S. D.	26.4	28.2	22.3	21.1	22.2	28.5	37.7	31.5	26.3	29.2	20.4	24.5	30.1
NO. OF OBS.	310	283	310	300	310	295	307	309	299	310	300	310	3643
TEMPERATURE :													
MAXIMUM	12.7	13.9	12.5	14.4	15.0	15.2	16.2	15.2	14.1	13.9	14.1	16.0	16.2
DATE	770127	790223	730301	750425	760524	780614	790704	750815	770910	781007	801107	781204	790704
MINIMUM	-2.3	-2.8	-1.3	3.2	6.6	7.3	6.6	6.4	7.0	5.1	-1.2	-3.5	-3.5
DATE	740114	710201	720302	790403	710507	800603	740722	740808	730928	731024	751132	731224	731224
MEAN	4.1	4.8	6.9	8.8	10.2	11.5	11.9	11.3	10.4	9.4	7.1	5.5	8.5
S. D.	3.4	3.2	2.3	2.0	1.5	1.4	1.5	1.4	1.3	1.8	2.5	3.3	3.5
NO. OF OBS.	310	283	310	300	310	295	307	309	299	310	300	310	3643
DEW POINT :													
MAXIMUM	6.0	6.4	9.0	9.6	10.4	12.0	12.3	13.8	11.7	10.3	9.8	6.9	13.8
DATE	750126	720217	780330	750425	770529	750606	790729	750813	790923	741019	741103	751209	750813
MINIMUM	-32.9	-25.4	-27.3	-19.5	-22.1	-9.1	-11.1	-15.2	-18.3	-24.5	-26.1	-31.4	-32.9
DATE	710108	770210	730325	750422	770508	770608	750728	740816	770910	781030	771126	711227	710108
MEAN	-6.6	-4.4	-2.0	1.0	3.9	4.7	3.9	4.8	4.1	.2	-3.2	-6.2	-.0
S. D.	7.6	6.1	5.6	5.6	4.2	3.7	4.3	4.3	4.6	6.9	7.3	8.0	7.3
NO. OF OBS.	310	283	310	300	310	295	307	309	299	310	300	310	3643
REL. HUMIDITY													
MAXIMUM	100	99	99	99	99	99	100	99	100	100	99	100	100
DATE	790130	790203	720330	790410	710509	740603	780729	770821	760921	781016	721123	711221	790130
MINIMUM	5	7	7	10	8	7	16	13	9	7	6	5	5
DATE	800103	770204	730325	730414	770508	770608	750728	740816	770910	781030	801106	711227	800103
MEAN	54.1	57.8	58.3	62.6	67.4	65.2	60.8	66.4	67.9	58.2	54.1	50.8	60.3
S. D.	28.2	24.2	23.1	21.9	17.8	17.1	18.6	18.8	19.1	23.6	24.7	27.2	22.8
NO. OF OBS.	310	283	310	300	310	295	307	309	299	310	300	310	3643
HUMIDITY M.R.													
MAXIMUM	8.444	8.684	10.399	10.834	11.446	12.753	13.015	14.386	12.498	11.367	10.983	8.992	14.386
DATE	750126	720217	780330	750425	770529	750606	790729	750813	790923	741019	741103	751209	750813
MINIMUM	.344	.695	.584	1.169	.933	2.751	2.347	1.681	1.295	.753	.652	.397	.344
DATE	710108	770210	730325	750422	770508	770608	750728	740816	770910	781030	771126	711227	710108
MEAN	3.760	4.304	5.194	6.275	7.529	7.921	7.572	8.022	7.670	6.152	4.859	3.977	6.104
S. D.	1.772	1.634	2.007	2.036	1.884	1.853	2.167	2.066	2.024	2.468	2.222	2.035	2.557
NO. OF OBS.	310	283	310	300	310	295	307	309	299	310	300	310	3643

TABLE 8B MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 600 MILLIBARS TIME OF ASCENT : 2000 HKT (1200 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	66	62	52	50	48	49	51	54	55	52	67	59	67
DATE	780119	710201	750316	740401	720511	740612	800722	780826	770924	741018	721108	721227	721108
MIN. SPEED	6	9	1	3	1	1	1	1	1	1	3	6	1
DATE	740106	730209	720313	740423	740523	750613	750708	720804	730910	711020	711126	791208	720313
SCALAR MEAN	35	36	28	23	18	15	15	14	12	14	19	29	21
VECTOR MEAN	265 34	265 34	262 26	255 26	252 15	223 9	152 5	131 4	96 5	202 1	262 15	262 27	256 14
CONSTANCY (%)	96	96	94	93	87	58	34	28	40	10	78	92	67
S. V. D.	15.5	14.0	13.0	12.0	12.0	15.1	16.8	15.8	13.4	16.6	15.3	15.6	20.2
NO. OF OBS.	307	282	308	298	303	291	306	307	293	310	294	289	3588
HEIGHT :													
MAXIMUM	4455	4441	4461	4458	4455	4468	4500	4461	4467	4483	4481	4542	4542
DATE	790124	800222	770324	800404	740512	800622	790712	800802	800924	721026	741119	781204	781204
MINIMUM	4285	4257	4270	4330	4322	4255	4254	4289	4333	4284	4317	4305	4254
DATE	710131	710202	720301	790403	720513	710617	780726	780826	740901	741018	711115	731231	780726
MEAN	4366.8	4366.8	4386.2	4395.5	4398.1	4396.5	4391.2	4386.5	4411.7	4419.2	4409.9	4392.6	4393.5
S. D.	32.2	34.1	26.9	24.8	22.6	29.4	38.1	30.3	26.2	28.8	25.2	30.0	33.0
NO. OF OBS.	310	283	310	300	310	295	307	309	299	310	300	310	3643
TEMPERATURE :													
MAXIMUM	7.8	7.5	6.8	7.1	8.1	8.9	9.1	9.4	8.2	8.0	6.5	7.6	9.4
DATE	770112	760228	730315	770416	800525	790629	780727	790802	790928	751006	791111	731226	790802
MINIMUM	-9.2	-11.7	-6.6	-3.5	-1.1	.0	-1.1	-.6	-1.1	-1.9	-5.7	-5.7	-11.7
DATE	710125	710202	720301	720405	710510	800603	740712	760825	740924	711014	771129	751215	710202
MEAN	-.2	-.5	.2	1.3	3.4	4.6	4.8	4.5	3.6	2.7	1.5	1.3	2.3
S. D.	2.7	3.1	2.3	1.8	1.6	1.4	1.5	1.6	1.5	1.7	2.5	2.6	2.8
NO. OF OBS.	310	283	310	300	310	295	307	309	299	310	300	310	3643
DEW POINT :													
MAXIMUM	-.3	-2.0	-.2	2.0	3.8	5.4	6.0	7.7	5.1	3.8	3.1	.5	7.7
DATE	750112	710226	760330	800430	800522	760627	780722	790802	760918	741029	741103	751208	790802
MINIMUM	-40.0	-34.4	-37.9	-32.5	-27.0	-22.7	-23.0	-20.2	-27.9	-32.5	-33.3	-35.9	-40.0
DATE	750121	740222	750304	750421	770502	750626	760718	740817	760911	781030	771121	771228	750121
MEAN	-19.2	-17.3	-13.2	-7.4	-3.7	-2.8	-3.7	-2.7	-3.9	-6.4	-11.8	-16.3	-9.0
S. D.	7.5	7.2	8.3	6.0	4.9	4.7	5.1	5.0	5.5	6.6	8.5	8.1	8.9
NO. OF OBS.	310	283	310	300	310	295	307	309	299	310	300	310	3643
REL. HUMIDITY													
MAXIMUM	99	98	99	99	97	100	99	100	99	100	99	98	100
DATE	710125	760225	730324	720407	720507	720605	800727	730830	720929	781016	721108	711221	720605
MINIMUM	3	5	4	6	7	10	12	13	7	5	5	4	3
DATE	750121	740222	750304	750421	770502	750626	760718	740821	760911	781030	781125	771221	750121
MEAN	28.5	33.2	43.8	57.7	63.3	62.1	57.4	63.1	62.2	56.6	45.0	32.3	50.5
S. D.	22.6	23.9	26.6	22.3	19.8	20.2	20.2	20.0	21.9	23.0	27.5	24.1	26.0
NO. OF OBS.	310	283	310	300	310	295	307	309	299	310	300	310	3643
HUMIDITY M.R.													
MAXIMUM	6.275	5.532	6.321	7.421	8.446	9.462	9.871	11.116	9.263	8.446	8.033	6.654	11.116
DATE	750112	710226	760330	800430	800522	760627	780722	790802	760918	741029	741103	751208	790802
MINIMUM	.197	.346	.244	.417	.700	1.032	1.005	1.284	.644	.417	.386	.299	.197
DATE	750121	740222	750304	750421	770502	750626	760718	740817	760911	781030	771121	771228	750121
MEAN	1.693	1.923	2.758	3.993	5.147	5.474	5.170	5.558	5.111	4.381	3.099	2.170	3.876
S. D.	1.197	1.154	1.567	1.473	1.570	1.684	1.799	1.781	1.706	1.777	1.771	1.462	2.126
NO. OF OBS.	310	283	310	300	310	295	307	309	299	310	300	310	3643

TABLE 9B MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 500 MILLIBARS TIME OF ASCENT : 2000 HKT (1200 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	89	87	69	60	44	49	49	49	53	49	61	76	89
DATE	800130	710201	720301	730411	800523	740612	800721	760806	770924	741018	721108	771231	800130
MIN. SPEED	16	19	8	9	1	1	1	1	1	1	1	10	1
DATE	750104	800214	720313	730429	740523	720611	780706	710801	710908	711020	741114	791208	740523
SCALAR MEAN	48	48	39	30	18	14	14	14	12	16	26	39	26
VECTOR MEAN	266 47	265 46	264 37	258 29	254 16	219 7	129 5	117 5	92 5	251 5	261 23	263 37	259 19
CONSTANCY (%)	97	96	96	95	86	50	37	35	43	30	87	95	72
S. V. D.	17.2	17.4	15.3	13.5	12.9	15.0	16.1	15.3	13.2	18.6	17.2	17.1	24.7
NO. OF OBS.	307	282	308	298	303	290	306	306	293	309	294	286	3582
HEIGHT :													
MAXIMUM	5895	5902	5917	5921	5926	5941	5968	5938	5937	5941	5944	6009	6009
DATE	790120	730204	770324	790423	760519	800620	790712	800802	800903	791021	741119	781204	781204
MINIMUM	5707	5682	5712	5760	5779	5725	5728	5762	5796	5751	5741	5714	5682
DATE	710130	710202	720301	790403	720513	710617	780726	740810	710919	741018	711115	731231	710202
MEAN	5804.8	5805.6	5827.1	5842.3	5857.4	5862.3	5857.8	5851.5	5872.0	5873.9	5858.3	5838.1	5846.1
S. D.	37.4	39.6	33.0	29.9	24.4	30.8	37.8	29.8	26.4	29.4	31.4	35.3	39.2
NO. OF OBS.	310	283	310	300	310	295	307	309	299	310	300	310	3643
TEMPERATURE :													
MAXIMUM	-.6	.2	.0	-1.0	-.3	1.2	2.3	1.1	.1	.2	-1.3	-1.1	2.3
DATE	800129	770214	720301	800428	730518	790639	780727	750813	790921	791018	801104	731208	780727
MINIMUM	-15.4	-14.0	-13.7	-11.4	-8.5	-7.4	-7.8	-8.8	-8.4	-10.6	-14.0	-14.7	-15.4
DATE	800117	720206	720313	750402	720502	760604	710731	710819	760921	731027	771127	771225	800117
MEAN	-7.9	-7.5	-7.4	-6.6	-4.5	-3.3	-3.2	-3.5	-4.3	-5.2	-6.1	-6.8	-5.5
S. D.	2.7	3.0	2.3	1.8	1.4	1.3	1.6	1.7	1.5	1.7	2.1	2.4	2.6
NO. OF OBS.	310	283	310	300	310	295	307	309	299	310	300	310	3643
DEW POINT :													
MAXIMUM	-8.5	-10.0	-8.0	-5.9	-3.8	-1.8	.5	-.3	-3.6	-3.3	-4.4	-8.1	.5
DATE	750107	710226	750303	800426	790515	790607	780727	790802	770905	741019	721108	751220	780727
MINIMUM		-42.4	-45.8	-39.8	-37.9	-27.7	-32.8	-28.4	-34.0	-40.2	-40.2	-43.5	
DATE		760217	750304	750401	770502	750626	760717	750824	760915	761002	771126	771228	
MEAN	-28.8	-27.9	-26.4	-18.5	-12.9	-11.2	-12.4	-11.5	-12.9	-15.9	-22.0	-26.0	-18.8
S. D.		6.5	7.9	7.2	6.0	5.6	6.2	5.9	5.7	7.0	8.4	7.2	
NO. OF OBS.	309	283	310	300	310	295	307	309	299	310	300	310	3642
REL. HUMIDITY													
MAXIMUM	94	98	95	96	99	100	100	99	99	99	95	97	100
DATE	750106	800222	740330	720408	720520	720605	750719	710818	770905	721014	721121	751220	720605
MINIMUM	2	3	3	6	5	12	9	11	7	5	5	3	2
DATE	720131	710202	750328	750401	770502	750626	760717	750824	760915	761002	751109	771214	720131
MEAN	20.8	22.2	26.1	44.9	56.7	59.3	53.8	58.6	56.0	48.9	34.4	24.9	42.2
S. D.	17.1	17.8	20.5	24.6	22.7	22.9	22.6	23.0	22.5	23.5	24.3	19.3	26.4
NO. OF OBS.	310	283	310	300	310	295	307	309	299	310	300	310	3643
HUMIDITY M.R.													
MAXIMUM	4.042	3.590	4.203	4.947	5.807	6.748	8.000	7.542	5.895	6.030	5.548	4.171	8.000
DATE	750107	710226	750303	800426	790515	790607	780727	790802	770905	741019	721108	751220	780727
MINIMUM	.080	.183	.127	.241	.293	.787	.486	.738	.432	.231	.163	.080	.080
DATE	720131	760217	750304	750401	770502	750626	760717	750824	760915	761002	771126	771228	720131
MEAN	.857	.914	1.115	2.066	3.107	3.544	3.289	3.478	3.095	2.541	1.646	1.111	2.232
S. D.	.665	.611	.842	1.092	1.246	1.370	1.476	1.407	1.200	1.238	1.134	.780	1.518
NO. OF OBS.	310	283	310	300	310	295	307	309	299	310	300	310	3643

TABLE 10B MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 400 MILLIBARS TIME OF ASCENT : 2000 HKT (1200 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	96	99	87	72	86	84	86	86	83	83	85	84	99
DATE	730120	790201	780316	800414	760507	740612	800722	760806	760918	791030	771126	711226	790201
MIN. SPEED	27	29	16	12	1	1	1	1	1	1	2	16	1
DATE	750126	800214	710304	720422	730510	780610	770728	720803	710908	771001	741104	781203	730510
SCALAR MEAN	61	59	51	37	19	13	14	14	12	19	35	48	32
VECTOR MEAN	264 59	263 57	263 49	263 36	260 16	213 4	106 7	96 6	83 5	261 9	263 31	263 46	262 24
CONSTANCY (%)	97	97	96	96	83	29	50	45	43	47	91	96	75
S. D.	20.6	20.3	19.4	16.2	14.5	14.8	14.8	14.9	13.4	20.8	21.7	20.2	30.2
NO. OF OBS.	306	282	308	298	303	290	306	304	292	309	293	286	3577
HEIGHT :													
MAXIMUM	7612	7624	7638	7657	7668	7687	7702	7677	7672	7663	7671	7723	7723
DATE	800104	730204	770324	790423	760519	800620	790712	800802	800903	711015	751102	781204	781204
MINIMUM	7411	7388	7416	7452	7497	7468	7473	7486	7525	7484	7435	7398	7388
DATE	730102	760203	760304	790403	720512	710617	720714	740810	710919	741018	711115	731231	760203
MEAN	7506.5	7508.3	7530.5	7550.5	7582.1	7595.1	7591.0	7583.2	7597.6	7592.7	7570.1	7544.5	7562.8
S. D.	42.3	45.2	40.4	36.9	28.0	33.0	37.8	31.2	27.6	31.4	37.2	42.0	48.6
NO. OF OBS.	310	283	310	300	310	295	307	309	299	310	300	310	3643
TEMPERATURE :													
MAXIMUM	-10.2	-10.7	-9.3	-13.1	-10.5	-7.8	-7.1	-5.2	-10.3	-7.5	-10.6	-12.1	-5.2
DATE	780117	770219	800308	770414	790519	790607	780727	790831	750925	741019	731123	731228	790831
MINIMUM	-25.8	-25.4	-24.3	-22.9	-19.0	-19.9	-18.9	-20.0	-21.0	-20.9	-21.4	-24.8	-25.8
DATE	710118	760207	780301	780412	710512	770629	710729	710819	760902	791024	771124	721230	710118
MEAN	-17.7	-18.0	-17.9	-17.4	-14.8	-13.5	-13.5	-13.6	-14.6	-15.7	-16.6	-17.6	-15.9
S. D.	2.7	2.8	2.4	1.8	1.6	1.4	1.9	1.9	1.5	1.9	1.8	2.1	2.7
NO. OF OBS.	310	283	310	300	310	295	307	309	299	310	300	310	3643
DEW POINT :													
MAXIMUM	-20.3	-20.5	-20.1	-17.1	-13.8	-9.7	-9.2	-8.4	-13.9	-9.4	-13.9	-18.4	-8.4
DATE	790129	740220	750302	730427	770526	790607	780727	790802	790917	741019	721108	741201	790802
MINIMUM				-48.2	-45.8	-40.0	-42.0		-42.3	-47.8			
DATE				750409	770502	750622	760717		760915	761002			
MEAN	-38.0	-37.6	-35.9	-29.3	-24.2	-22.1	-23.6	-22.7	-25.0	-27.7	-32.4	-35.9	-29.5
S. D.				6.8	6.2	5.8	6.4		5.7	6.9			
NO. OF OBS.	301	276	302	300	310	295	307	308	299	310	297	308	3613
REL. HUMIDITY													
MAXIMUM	96	89	90	98	96	97	97	98	96	99	98	89	99
DATE	790129	780227	730324	800408	730506	730628	800723	780819	790917	721014	711125	711220	721014
MINIMUM	2	2	2	5	6	8	8	3	7	5	3	3	2
DATE	720131	710202	770325	750409	770502	750615	760717	750824	760915	761002	751109	771214	720131
MEAN	17.9	19.3	23.5	41.3	49.8	53.4	47.3	51.6	45.5	40.4	30.1	22.6	36.9
S. D.	14.0	14.9	19.2	23.8	23.1	22.0	22.7	23.5	21.8	22.2	21.7	17.4	24.4
NO. OF OBS.	310	283	310	300	310	295	307	309	299	310	300	310	3643
HUMIDITY M.R.													
MAXIMUM	1.910	1.877	1.943	2.511	3.304	4.601	4.787	5.098	3.277	4.712	3.277	2.249	5.098
DATE	790129	740220	750302	730427	770526	790607	780727	790802	790917	741019	721108	741201	790802
MINIMUM	.100	.100	.100	.122	.159	.295	.239	.100	.232	.127	.100	.100	.100
DATE	720131	710202	720315	750409	770502	750622	760717	750824	760915	761002	751107	711227	720131
MEAN	.422	.430	.540	.999	1.525	1.815	1.639	1.760	1.408	1.164	.776	.536	1.086
S. D.	.313	.281	.407	.569	.736	.792	.889	.899	.686	.716	.542	.383	.817
NO. OF OBS.	310	283	310	300	310	295	307	309	299	310	300	310	3643

TABLE 11B MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 350 MILLIBARS TIME OF ASCENT : 2000 HKT (1200 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	109	111	90	81	59	47	52	49	51	81	93	99	111
DATE	800117	760203	800305	720408	780514	740612	710721	780827	770924	791030	711115	791223	760203
MIN. SPEED	35	33	14	9	2	1	1	1	1	1	3	16	1
DATE	750126	730201	710304	730430	740529	750610	740731	720804	730903	711015	711105	741201	750610
SCALAR MEAN	66	65	56	41	20	13	15	14	13	22	39	54	35
VECTOR MEAN	263 64	262 63	261 54	264 39	264 16	182 1	92 9	85 7	77 5	263 12	264 35	262 51	262 26
CONSTANCY (%)	97	97	96	95	82	11	59	50	40	53	91	96	75
S. V. D.	21.6	22.7	20.6	18.8	15.4	15.4	14.8	14.8	14.1	22.6	23.3	21.6	33.1
NO. OF OBS.	305	282	308	298	303	290	305	304	282	309	293	286	3575
HEIGHT :													
MAXIMUM	8609	8615	8629	8657	8675	8696	8709	8699	8674	8666	8670	8706	8709
DATE	800104	730204	770324	790423	760519	800620	790712	790831	750925	711015	751102	781204	790712
MINIMUM	8372	8357	8395	8427	8491	8477	8475	8488	8526	8475	8423	8392	8357
DATE	790127	760203	780308	740401	720512	710617	720714	740810	760926	791031	711115	731231	760203
MEAN	8492.8	8493.9	8516.6	8538.0	8580.4	8598.7	8594.4	8586.3	8596.4	8586.9	8561.0	8531.3	8556.6
S. D.	45.3	48.8	44.3	40.8	30.8	34.5	38.7	33.9	29.1	33.9	40.2	45.3	54.8
NO. OF OBS.	310	283	310	300	310	295	306	309	299	310	300	310	3642
TEMPERATURE :													
MAXIMUM	-18.2	-18.1	-17.2	-19.9	-17.1	-13.0	-13.0	-10.2	-16.6	-14.1	-18.0	-17.9	-10.2
DATE	760114	770218	800308	800415	790519	790607	780727	790831	750925	741019	721108	731228	790831
MINIMUM	-34.0	-33.4	-32.1	-30.4	-26.3	-28.0	-25.7	-26.6	-28.6	-28.0	-28.0	-31.0	-34.0
DATE	790127	720203	780301	780412	800501	770629	710728	710820	760902	791024	791101	721216	790127
MEAN	-24.2	-24.4	-24.3	-24.2	-21.3	-20.0	-20.0	-20.1	-21.3	-22.4	-23.2	-24.1	-22.4
S. D.	2.6	2.5	2.2	1.8	1.7	1.6	2.0	2.1	1.6	2.0	1.7	1.9	2.7
NO. OF OBS.	310	283	310	300	310	295	306	309	299	310	300	310	3642
DEW POINT :													
MAXIMUM	-28.7	-29.8	-26.1	-22.7	-21.1	-15.4	-15.3	-13.5	-20.8	-16.9	-22.5	-26.4	-13.5
DATE	750111	780222	750330	800430	740530	790607	780729	790831	790923	741019	721108	741226	790831
MINIMUM					-49.8	-45.5	-46.7		-45.5				
DATE					770502	750622	750728		770918				
MEAN				-35.4	-31.0	-29.0	-30.3	-29.5	-31.9	-34.6			
S. D.					6.0	5.9	6.3		5.6				
NO. OF OBS.	260	244	269	296	310	295	306	308	299	305	280	285	3457
REL. HUMIDITY													
MAXIMUM	74	84	88	94	91	97	92	94	91	87	97	89	97
DATE	800125	780227	750324	800408	770514	740622	730716	780804	730913	741008	771121	711220	740622
MINIMUM	2	2	2	5	7	7	8	6	10	5	3	3	2
DATE	720131	710202	770325	750409	750501	750615	750730	760814	760915	761002	751109	771214	720131
MEAN	16.2	18.5	23.2	40.3	46.9	49.6	44.3	48.4	42.9	36.2	26.6	21.7	34.6
S. D.	10.9	13.5	18.7	23.2	22.6	22.0	21.5	23.0	21.4	20.4	18.8	16.1	23.0
NO. OF OBS.	310	283	310	300	310	295	306	309	299	310	300	310	3642
HUMIDITY M.R.													
MAXIMUM	1.025	.924	1.303	1.769	2.036	3.310	3.338	3.872	2.090	2.919	1.800	1.268	3.872
DATE	750111	780222	750330	800430	740530	790607	780729	790831	790923	741019	721108	741226	790831
MINIMUM	.114	.114	.114	.114	.116	.187	.164	.114	.187	.114	.114	.114	.114
DATE	710121	710202	710311	750409	770502	750622	750728	760814	770918	721020	731129	711227	710121
MEAN	.256	.273	.349	.621	.942	1.124	1.027	1.106	.859	.678	.454	.335	.669
S. D.	.156	.161	.248	.357	.473	.539	.584	.616	.444	.450	.319	.223	.520
NO. OF OBS.	310	283	310	300	310	295	306	309	299	310	300	310	3642

TABLE 12B MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 300 MILLIBARS TIME OF ASCENT : 2000 HKT (1200 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	110	123	109	86	62	45	51	44	47	86	102	103	123
DATE	800116	780215	780310	730406	780515	740612	710721	780826	800930	791030	711116	781212	780215
MIN. SPEED	36	35	20	7	1	1	1	2	1	2	3	18	1
DATE	740108	740224	710304	770430	740514	770610	750722	720814	710921	781011	741104	741202	740514
SCALAR MEAN	70	68	60	46	21	14	17	15	14	24	41	58	37
VECTOR MEAN	262 68	262. 66	260 58	265 44	272 17	66 2	81 11	78 8	63 5	266 14	264 38	262 56	263 28
CONSTANCY (%)	97	97	97	95	81	13	67	53	34	56	93	96	74
S. D.	22.5	24.5	21.7	20.8	16.8	16.3	15.5	15.5	15.8	24.6	23.3	22.8	35.6
NO. OF OBS.	305	282	308	298	303	290	305	304	282	308	292	286	3573
HEIGHT :													
MAXIMUM	9722	9724	9740	9772	9804	9837	9839	9872	9815	9787	9789	9805	9872
DATE	800104	730204	770312	790423	730518	790629	790722	790831	750925	711015	751102	781204	790831
MINIMUM	9445	9451	9472	9512	9598	9614	9597	9610	9624	9570	9528	9498	9445
DATE	790127	760203	780308	740401	720501	710617	720714	740809	760902	791031	731129	721220	790127
MEAN	9598.9	9599.4	9623.0	9644.2	9699.4	9724.2	9720.1	9711.2	9715.4	9700.8	9672.1	9637.8	9670.7
S. D.	49.2	52.3	48.1	45.3	35.0	37.0	41.0	38.5	31.5	38.0	43.3	49.0	62.4
NO. OF OBS.	310	283	310	300	310	295	306	309	299	310	300	310	3642
TEMPERATURE :													
MAXIMUM	-27.7	-26.1	-24.8	-26.5	-24.5	-20.2	-21.9	-17.7	-24.2	-22.8	-25.4	-25.8	-17.7
DATE	780128	800224	760304	790431	790519	790607	720710	790831	750925	741030	741108	731228	790831
MINIMUM	-39.9	-39.5	-40.0	-38.5	-34.7	-32.9	-34.0	-35.4	-34.2	-37.5	-36.5	-40.6	-40.0
DATE	760129	760208	780301	780412	800501	710615	710728	710820	720905	791028	731129	721217	780301
MEAN	-32.1	-32.1	-31.9	-32.2	-29.4	-27.9	-27.9	-28.1	-29.4	-30.5	-31.1	-32.1	-30.4
S. D.	2.2	2.0	2.0	1.7	1.8	1.6	2.0	2.2	1.6	2.1	1.7	1.8	2.7
NO. OF OBS.	310	283	310	300	310	295	306	309	299	310	300	310	3642
DEW POINT :													
MAXIMUM	-36.2	-37.1	-35.3	-30.8	-29.1	-23.2	-25.6	-21.8	-28.3	-26.1	-31.3	-34.6	-21.8
DATE	800125	780211	720328	800430	730528	790607	760702	790802	750923	751014	741108	741201	790802
MINIMUM													
DATE													
MEAN					-38.2	-36.8	-37.6	-37.0	-39.6				
S. D.													
NO. OF OBS.	127	134	176	256	298	290	294	301	292	281	203	169	2821
REL. HUMIDITY													
MAXIMUM	67	71	83	87	91	97	90	87	87	84	85	85	97
DATE	800125	780220	730327	740428	790528	740622	760731	720821	730923	741012	771121	711220	740622
MINIMUM	3	2	2	5	6	5	6	7	8	5	3	3	2
DATE	770112	710202	770325	750409	800502	750615	750730	780807	770918	761002	751109	771214	710202
MEAN	15.1	17.0	21.3	38.4	45.5	46.7	41.8	45.8	40.4	34.1	24.2	20.8	32.6
S. D.	8.5	11.1	16.3	21.0	21.2	22.1	20.7	21.9	20.2	18.8	15.8	14.8	21.6
NO. OF OBS.	310	283	310	300	310	295	306	309	299	310	300	310	3642
HUMIDITY M.R.													
MAXIMUM	.579	.529	.633	.981	1.152	1.974	1.591	2.235	1.241	1.520	.935	.679	2.235
DATE	800125	780211	720328	800430	730528	790607	760702	790802	750923	751014	741108	741201	790802
MINIMUM	.134	.134	.134	.134	.134	.134	.134	.134	.134	.134	.134	.134	.134
DATE	710101	710201	710301	710404	730517	730624	730721	750816	760903	711019	711104	711202	710101
MEAN	.161	.172	.206	.335	.512	.610	.559	.606	.452	.358	.247	.198	.368
S. D.	.052	.065	.112	.172	.251	.318	.321	.353	.236	.237	.144	.103	.276
NO. OF OBS.	310	283	310	300	310	295	306	309	299	310	300	310	3642

TABLE 13B MEANS AND EXTREMES OF RADIOSONDE/RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 250 MILLIBARS TIME OF ASCENT : 2000 HKT (1200 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	115	121	117	102	64	59	48	54	46	88	99	121	121
DATE	790128	780215	780310	790404	780514	800617	710726	770809	740913	791030	711116	721220	780215
MIN. SPEED	38	32	18	7	1	2	1	1	1	1	5	11	1
DATE	730128	710228	710303	770430	730514	770610	760717	760816	740919	711011	741106	741202	730514
SCALAR MEAN	72	71	63	51	33	17	20	17	17	26	44	62	40
VECTOR MEAN	259 71	260 68	259 61	266 49	280 18	39 5	75 14	71 10	53 4	267 15	263 41	259 60	263 29
CONSTANCY (%)	97	97	97	95	79	29	72	56	24	59	92	96	72
S. V. D.	23.6	25.6	23.0	23.5	19.1	18.8	17.1	17.4	18.8	20.2	25.2	25.2	38.2
NO. OF OBS.	305	282	306	298	303	290	305	303	282	308	292	286	3572
HEIGHT :													
MAXIMUM	10989	10992	11012	11080	11096	11140	11132	11204	11116	11074	11065	11067	11204
DATE	800104	750204	770312	790423	750518	790629	790704	790831	750925	741019	751102	751228	790831
MINIMUM	10696	10692	10711	10747	10856	10876	10876	10867	10892	10812	10773	10748	10692
DATE	790127	750211	780308	740401	720501	710615	720714	710820	760902	791026	731129	771226	750211
MEAN	10861.6	10861.7	10886.5	10906.1	10974.9	11007.6	11004.1	10994.5	10990.8	10970.7	10939.1	10899.5	10941.6
S. D.	53.3	55.7	51.9	50.4	40.7	40.7	45.0	45.2	34.9	44.0	47.4	52.5	71.1
NO. OF OBS.	310	285	310	300	310	295	306	308	294	310	300	310	3641
TEMPERATURE :													
MAXIMUM	-37.3	-36.0	-35.3	-35.5	-34.4	-31.9	-32.5	-29.7	-34.7	-30.2	-36.2	-36.4	-29.7
DATE	730123	800224	760304	790421	760527	790607	760702	760824	750925	751014	721106	731226	760824
MINIMUM	-47.0	-46.6	-48.2	-46.6	-44.2	-41.4	-43.8	-44.9	-44.0	-46.4	-45.2	-46.7	-48.2
DATE	760131	730214	780301	740401	760510	760614	710729	760829	720905	791027	781111	711282	780301
MEAN	-41.4	-41.5	-41.2	-41.5	-39.3	-37.8	-37.6	-37.7	-39.2	-40.2	-40.7	-41.7	-40.0
S. D.	1.6	1.6	1.8	1.8	1.7	1.6	1.8	2.1	1.6	2.2	1.6	1.7	2.6
NO. OF OBS.	310	285	310	300	310	295	306	308	294	310	300	310	3641
DEW POINT :													
MAXIMUM	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******
DATE	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******
MINIMUM	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******
DATE	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******
MEAN	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******
S. D.	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******
NO. OF OBS.	0	0	0	0	0	0	0	0	0	0	0	0	0
REL. HUMIDITY													
MAXIMUM	97	99	97	81	85	87	85	86	82	83	63	74	87
DATE	760105	800223	740514	740421	800504	720609	730716	730817	790902	741012	751124	721220	720609
MINIMUM	3	3	5	5	5	7	5	6	7	5	4	4	2
DATE	740129	710202	750312	750425	800521	750614	750730	780807	770916	761002	751107	751224	710202
MEAN	13.0	12.5	16.5	31.0	44.4	44.1	39.4	44.5	37.6	32.9	22.1	19.6	26.4
S. D.	5.7	6.7	9.7	18.2	19.7	20.6	19.1	20.4	19.3	17.7	12.8	10.9	20.8
NO. OF OBS.	68	55	75	63	209	272	283	276	204	136	68	82	1741
HUMIDITY D.R.													
MAXIMUM	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******
DATE	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******
MINIMUM	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******
DATE	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******
MEAN	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******
S. D.	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******
NO. OF OBS.	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 14B MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 200 MILLIBARS TIME OF ASCENT : 2000 HKT (1200 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	115	119	109	96	69	63	63	64	89	89	95	121	121
DATE	790108	790211	780310	800410	780512	800617	740708	760807	730921	791031	711116	721220	721220
MIN. SPEED	31	27	10	12	2	2	1	1	2	2	2	22	1
DATE	720107	760220	710303	730430	760527	710606	760701	720823	720927	711004	741106	741202	760701
SCALAR MEAN	73	71	64	54	35	22	24	20	19	26	46	65	42
VECTOR MEAN	254 70	257 68	256 61	268 51	290 20	28 10	72 18	66 12	41 4	267 16	259 41	254 62	262 29
CONSTANCY (%)	97	96	96	95	78	45	74	58	19	61	91	95	68
S. V. D.	25.3	26.4	24.0	24.6	20.5	22.7	21.0	20.6	21.5	26.2	26.6	26.1	40.3
NO. OF OBS.	304	282	307	296	303	290	305	302	292	308	291	285	3565
HEIGHT :													
MAXIMUM	12472	12487	12493	12527	12611	12672	12653	12749	12634	12604	12552	12575	12749
DATE	800104	750215	770312	790423	730518	790607	790704	790831	750925	741019	751102	731228	790831
MINIMUM	12177	12150	12177	12200	12330	12356	12363	12334	12359	12275	12243	12206	12150
DATE	720121	750211	780308	740401	710512	710615	760716	710820	720905	791028	731129	711222	750211
MEAN	12340.3	12339.7	12365.8	12384.6	12465.5	12506.4	12504.9	12494.3	12481.4	12455.9	12421.2	12375.8	12428.2
S. D.	57.6	59.7	56.7	56.5	48.1	46.1	50.8	55.8	39.9	51.6	52.8	56.2	80.9
NO. OF OBS.	310	283	310	300	310	295	306	308	299	310	300	310	3641
TEMPERATURE :													
MAXIMUM	-48.0	-45.5	-47.5	-46.7	-46.9	-43.8	-44.7	-43.1	-46.4	-43.2	-47.8	-48.6	-43.1
DATE	710119	720204	760304	790421	730518	790607	720731	760824	790923	751014	791108	731228	760824
MINIMUM	-57.2	-57.1	-56.8	-57.4	-57.3	-53.7	-53.9	-56.4	-54.6	-56.1	-56.8	-57.5	-57.5
DATE	770114	780218	750311	760427	760510	760609	760716	760839	720905	771014	781111	711231	711231
MEAN	-52.4	-52.5	-52.4	-52.4	-50.9	-49.8	-49.5	-49.6	-51.0	-51.6	-52.1	-52.9	-51.4
S. D.	1.6	1.7	1.7	1.7	1.6	1.6	1.8	1.9	1.6	1.9	1.6	1.6	2.4
NO. OF OBS.	310	283	310	300	310	295	306	308	299	310	300	310	3641

TABLE 15B MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 175 MILLIBARS TIME OF ASCENT : 2000 HKT (1200 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	115	123	108	97	66	61	83	81	99	94	89	115	123
DATE	780113	790211	780309	800410	780512	800617	780714	770807	760901	791028	771123	771228	790211
MIN. SPEED	32	27	8	7	1	2	1	2	2	2	2	19	1
DATE	720107	710228	710303	750429	740508	780601	720731	720816	730913	731014	711104	741202	740508
SCALAR MEAN	71	69	62	53	35	24	27	23	30	35	45	63	42
VECTOR MEAN	251 68	255 67	255 59	268 50	294 19	27 13	69 21	66 15	47 5	267 15	257 41	251 60	261 27
CONSTANCY (%)	97	96	96	95	77	52	77	65	23	59	91	95	64
S. V. D.	23.9	25.1	24.0	23.9	20.6	24.3	22.7	21.9	21.9	26.1	25.6	25.6	40.6
NO. OF OBS.	303	281	305	290	301	286	301	300	289	307	290	280	3533
HEIGHT :													
MAXIMUM	13327	13353	13343	13387	13484	13558	13525	13633	13504	13483	13411	13440	13633
DATE	800104	750215	730301	790423	730518	790607	790704	790831	750925	741019	791108	731228	790831
MINIMUM	13023	12994	13023	13043	13173	13207	13209	13182	13203	13120	13093	13039	12994
DATE	720121	750211	780308	740401	710512	710615	760716	710820	720905	791028	731129	711222	750211
MEAN	13191.4	13190.5	13217.0	13236.8	13321.9	13366.7	13366.4	13354.8	13337.0	13309.6	13273.3	13225.1	13282.7
S. D.	60.1	62.0	59.5	59.2	52.2	49.5	54.4	58.1	42.8	55.6	56.1	58.0	85.7
NO. OF OBS.	310	283	310	301	310	294	306	307	299	309	300	309	3638
TEMPERATURE :													
MAXIMUM	-53.5	-51.6	-53.0	-52.5	-52.7	-49.6	-51.4	-50.6	-52.2	-49.3	-53.8	-54.3	-49.3
DATE	730116	720204	730330	790430	790517	790607	720731	790831	800912	751014	791108	721229	751014
MINIMUM	-63.8	-62.5	-64.2	-62.8	-61.9	-61.0	-60.2	-62.5	-62.0	-62.2	-62.6	-64.1	-64.2
DATE	770114	770203	750311	760424	760511	760614	710731	760829	760926	761028	761101	711207	750311
MEAN	-58.6	-58.7	-58.6	-58.2	-57.4	-56.7	-56.3	-56.5	-57.6	-58.0	-58.5	-59.3	-57.9
S. D.	1.8	1.8	1.8	1.8	1.6	1.8	1.7	1.8	1.7	1.8	1.7	1.6	2.4
NO. OF OBS.	309	283	309	297	310	292	303	305	297	308	299	306	3618

TABLE 16B MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 150 MILLIBARS TIME OF ASCENT : 2000 HKT (1200 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	113	112	106	91	62	67	76	79	51	94	87	109	113
DATE	790130	790211	780309	790403	780516	710613	780714	770807	710905	791031	791101	771228	790130
MIN. SPEED	28	28	6	4	2	2	1	3	1	3	4	14	1
DATE	730126	710228	710303	750429	710531	740613	720718	710825	740919	711006	711103	741201	720718
SCALAR MEAN	64	64	56	47	33	26	29	25	20	33	42	59	40
VECTOR MEAN	252 62	256 62	257 54	269 44	300 17	31 16	69 24	70 18	62 7	263 13	254 38	252 57	263 23
CONSTANCY (%)	97	97	96	95	72	61	83	71	37	54	90	96	58
S. V. D.	21.1	22.5	21.7	22.1	19.7	24.4	23.3	22.9	21.0	25.2	24.5	22.8	39.2
NO. OF OBS.	301	278	303	288	306	284	299	295	286	307	286	277	3504
HEIGHT :													
MAXIMUM	14291	14320	14311	14355	14461	14556	14494	14624	14473	14470	14386	14401	14624
DATE	790113	730204	730311	790423	730518	790607	790704	790831	750925	751014	791108	731228	790831
MINIMUM	13966	13941	13968	13990	14119	14158	14159	14120	14148	14068	14046	13982	13941
DATE	770114	750211	780301	740401	710512	710615	760716	760829	760926	791028	731129	711222	750211
MEAN	14145.4	14143.7	14170.7	14193.0	14280.5	14327.4	14329.4	14316.4	14294.3	14265.3	14226.9	14175.5	14239.2
S. D.	63.1	64.9	62.8	61.7	56.3	54.4	58.6	63.2	46.4	59.7	59.8	60.1	90.5
NO. OF OBS.	309	282	309	295	310	282	302	305	297	308	289	306	3614
TEMPERATURE :													
MAXIMUM	-58.6	-57.0	-58.6	-57.8	-59.4	-54.6	-58.4	-56.9	-59.4	-56.9	-60.5	-59.0	-54.6
DATE	790107	760204	780304	770406	790517	790607	720731	790831	710918	751014	791108	721223	790607
MINIMUM	-70.6	-69.8	-72.4	-70.8	-69.5	-69.5	-68.1	-70.8	-70.1	-69.5	-71.3	-72.4	-72.4
DATE	770131	710216	750311	750406	760508	760610	710716	760829	790925	761029	761116	711207	750311
MEAN	-65.1	-65.3	-65.2	-64.4	-64.3	-64.0	-63.6	-63.8	-64.6	-64.9	-65.4	-66.0	-64.7
S. D.	2.1	2.1	2.0	2.1	1.7	2.0	1.7	1.6	1.8	1.9	1.8	2.0	2.5
NO. OF OBS.	308	280	307	293	310	289	302	303	296	308	287	304	3547

TABLE 17B MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 125 MILLIBARS TIME OF ASCENT : 2000 HKT (1200 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	95	105	84	78	98	63	83	79	50	84	76	94	105
DATE	790130	780215	790322	780411	780512	750624	750709	770808	710905	791030	771122	771228	780215
MIN. SPEED	11	18	10	5	1	2	5	3	1	1	2	17	1
DATE	740121	760219	800308	710424	710519	770601	760703	740824	730919	741008	711105	741202	710519
SCALAR MEAN	53	53	46	37	19	27	33	28	20	19	36	49	35
VECTOR MEAN	255 51	260 51	260 44	268 35	309 12	42 20	71 30	75 24	72 13	250 8	252 32	255 47	266 16
CONSTANCY (%)	97	97	97	93	61	75	91	85	64	39	89	96	46
S. V. D.	19.7	20.0	18.9	19.9	17.7	21.7	21.8	20.5	18.3	21.8	21.8	19.8	36.1
NO. OF OBS.	289	273	297	284	295	277	294	288	284	301	284	264	3430
HEIGHT :													
MAXIMUM	15399	15434	15425	15468	15577	15708	15597	15759	15572	15601	15496	15486	15759
DATE	790113	730204	730301	790423	730518	790607	790704	790831	750925	751014	791108	731228	790831
MINIMUM	15041	15036	15063	15072	15213	15239	15247	15188	15219	15161	15135	15084	15036
DATE	770114	750211	780301	740401	710512	760614	760716	760829	760926	791028	731129	711222	750211
MEAN	15239.0	15235.9	15263.1	15290.9	15377.8	15424.4	15428.3	15414.0	15388.9	15358.2	15317.5	15264.7	15333.7
S. D.	66.5	68.5	66.5	65.4	60.2	60.2	62.2	67.9	50.7	63.5	63.7	63.1	94.5
NO. OF OBS.	306	280	307	283	310	289	301	301	295	308	297	304	3541
TEMPERATURE :													
MAXIMUM	-63.4	-64.5	-63.8	-63.8	-65.6	-60.3	-65.1	-64.2	-66.3	-65.8	-66.9	-64.5	-60.3
DATE	790108	760204	730330	730426	790511	790607	720721	790831	750930	791026	771101	721222	790607
MINIMUM	-77.5	-79.0	-81.7	-77.2	-76.7	-76.4	-76.8	-76.4	-78.0	-77.4	-78.2	-79.7	-81.7
DATE	770132	750227	750311	710428	730530	760628	710716	800831	710928	721028	801114	731229	750311
MEAN	-71.7	-72.0	-71.9	-70.8	-71.1	-71.5	-71.2	-71.4	-71.7	-72.0	-72.5	-72.5	-71.7
S. D.	2.4	2.5	2.4	2.5	1.9	2.1	1.9	1.9	2.0	2.0	2.0	2.4	2.7
NO. OF OBS.	301	276	305	291	306	286	299	298	294	305	295	285	3541

TABLE 18B MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 100 MILLIBARS TIME OF ASCENT : 2000 HKT (1200 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	75	90	75	66	45	59	69	81	44	61	68	70	90
DATE	730102	780213	790317	730404	760529	750623	720708	770809	770904	791026	771122	771228	780213
MIN. SPEED	9	6	1	1	3	3	9	3	1	1	3	4	1
DATE	730131	710227	720322	780430	730501	780604	720714	770826	760922	721001	711106	761202	720322
SCALAR MEAN	38	39	33	25	16	27	37	33	21	16	25	35	29
VECTOR MEAN	260 37	263 38	263 31	269 22	346 6	61 24	76 36	80 32	82 19	180 3	251 22	258 33	271 6
CONSTANCY (%)	96	97	96	87	87	88	97	97	91	91	85	95	91
S. V. D.	17.5	17.5	16.2	17.5	16.8	17.1	15.8	14.4	13.0	18.0	17.7	16.7	31.5
NO. OF OBS.	262	260	282	265	262	257	272	267	266	277	269	248	3187
HEIGHT :													
MAXIMUM	16713	16751	16750	16785	16888	17083	16919	17097	16868	16933	16805	16769	17097
DATE	790118	730204	730301	790412	730518	790607	750704	790831	750925	751014	791108	731228	790831
MINIMUM	16327	16340	16373	16361	16513	16522	16548	16479	16504	16474	16416	16331	16327
DATE	750118	750211	750315	740401	710512	710615	760716	760829	760926	791028	731129	731229	750118
MEAN	16536.6	16533.8	16560.2	16595.8	16678.9	16724.5	16730.8	16716.9	16689.9	16653.8	16611.0	16560.5	16633.1
S. D.	70.7	71.6	70.7	71.3	64.1	65.8	62.9	69.9	54.4	65.3	65.5	68.4	98.1
NO. OF OBS.	301	276	304	291	306	285	299	298	292	304	285	283	3544
TEMPERATURE :													
MAXIMUM	-70.9	-68.6	-70.4	-69.0	-71.2	-65.4	-70.4	-68.0	-67.6	-70.9	-69.8	-69.3	-65.4
DATE	780108	780212	780307	730406	780514	790607	710729	730806	760904	791026	781111	771226	790607
MINIMUM	-83.0	-84.2	-83.4	-82.1	-83.7	-81.0	-82.0	-83.1	-83.7	-86.1	-83.6	-83.6	-86.1
DATE	720108	710225	750311	720412	770519	780624	760711	740819	780923	711012	741108	741219	711012
MEAN	-77.2	-77.2	-77.5	-75.9	-76.9	-76.9	-76.3	-76.0	-76.4	-77.6	-77.8	-77.1	-76.9
S. D.	2.5	2.9	2.6	2.3	2.1	2.1	2.4	2.6	2.4	2.7	2.5	2.6	3.0
NO. OF OBS.	283	270	294	281	285	268	284	280	278	287	283	281	3374

TABLE 19B MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 90 MILLIBARS TIME OF ASCENT : 2000 HKT (1200 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	67	73	63	63	87	60	69	67	50	56	56	63	73
DATE	790131	790201	780305	730404	760529	800630	720708	770809	770904	731004	771122	771228	790201
MIN. SPEED	2	6	1	1	1	5	13	7	4	2	2	5	1
DATE	720110	770228	720322	710418	790520	790612	720727	770826	760922	761023	741117	721209	720322
SCALAR MEAN	31	34	27	21	15	28	38	35	21	14	21	28	26
VECTOR MEAN	262 29	263 32	264 25	268 17	28 5	69 26	79 37	84 34	84 20	132 5	247 16	260 26	270 2
CONSTANCY (%)	95	96	94	81	33	93	98	98	96	35	78	93	8
S. V. D.	16.1	16.3	15.0	16.3	16.5	15.2	12.7	11.7	11.0	15.1	16.4	15.2	28.9
NO. OF OBS.	241	243	268	253	232	230	241	247	242	249	254	223	2933
HEIGHT :													
MAXIMUM	17320	17356	17359	17405	17489	17723	17531	17600	17484	17546	17409	17368	17723
DATE	790118	730204	730301	790412	730518	790607	750704	790802	760904	751014	791108	731228	790607
MINIMUM	16926	16950	16966	16963	17113	17116	17162	17091	17109	17087	17036	16969	16926
DATE	770114	720211	750315	740401	710512	710615	760716	760829	760926	791028	771122	711207	770114
MEAN	17143.2	17139.8	17164.9	17204.7	17283.6	17332.0	17340.7	17326.2	17299.5	17257.4	17213.0	17165.7	17238.8
S. D.	71.4	72.2	72.4	73.2	66.2	67.1	61.9	66.3	55.1	62.7	64.8	67.9	99.0
NO. OF OBS.	273	264	288	272	272	258	277	276	271	281	280	276	3288
TEMPERATURE :													
MAXIMUM	-70.9	-69.3	-71.3	-70.9	-71.3	-66.4	-68.5	-65.3	-65.7	-68.2	-70.5	-69.7	-65.3
DATE	780108	780213	770311	770406	780501	790607	710728	760830	770929	791037	781111	771207	760830
MINIMUM	-84.0	-84.6	-86.2	-83.2	-85.3	-82.8	-83.8	-82.9	-85.5	-84.8	-85.1	-84.8	-86.2
DATE	710102	720225	710310	740408	770519	710603	790707	710805	790928	731012	741106	741202	710310
MEAN	-78.1	-77.8	-78.7	-77.2	-78.0	-77.2	-75.3	-74.6	-75.5	-77.5	-78.3	-77.9	-77.2
S. D.	2.6	3.0	2.6	2.3	2.1	2.3	2.9	3.2	3.0	3.2	2.7	2.7	3.4
NO. OF OBS.	266	256	282	265	258	246	265	269	262	269	273	264	3175

TABLE 20B MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 80 MILLIBARS TIME OF ASCENT : 2000 HKT (1200 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	55	64	55	50	46	55	57	61	46	36	42	46	64
DATE	770123	730214	790317	730404	800524	800630	720706	770806	780907	731004	771129	721218	730214
MIN. SPEED	2	4	2	2	1	4	18	12	2	1	2	4	1
DATE	710116	760210	710329	720422	770518	790614	780726	770825	720912	781030	761101	781203	770518
SCALAR MEAN	24	28	22	16	14	28	37	34	22	14	16	21	23
VECTOR MEAN	261 23	263 27	265 20	266 11	59 7	75 27	82 36	84 34	88 21	115 8	240 11	260 19	102 1
CONSTANCY (%)	94	96	92	70	51	95	99	98	97	61	71	86	6
S. V. D.	14.2	14.2	13.7	14.6	14.7	13.3	9.6	9.1	9.5	12.8	14.4	13.7	25.9
NO. OF OBS.	232	230	264	239	200	200	237	237	219	231	233	204	2686
HEIGHT :													
MAXIMUM	18001	18007	18041	18097	18157	18239	18204	18302	18198	18148	18084	18020	18439
DATE	730116	730205	780322	790412	730518	790607	750704	790802	760904	781016	791108	771205	790607
MINIMUM	17597	17615	17629	17694	17784	17777	17649	17785	17790	17773	17706	17648	17597
DATE	770114	720211	750315	720412	710512	710615	710731	760829	760926	791031	771129	711207	770114
MEAN	17817.6	17815.2	17837.2	17882.3	17959.4	18010.7	18028.7	18017.3	17987.1	17937.3	17889.9	17841.8	17918.0
S. D.	72.6	72.8	75.5	74.3	66.5	71.1	60.6	67.3	57.6	59.9	63.6	68.9	103.1
NO. OF OBS.	297	284	299	283	252	240	263	263	286	299	286	284	3106
TEMPERATURE :													
MAXIMUM	-67.2	-68.1	-71.4	-69.1	-72.0	-65.0	-65.1	-63.1	-64.7	-65.0	-65.7	-68.3	-63.1
DATE	780106	780213	780329	770426	780514	790607	780730	760830	770929	791026	711116	721216	760830
MINIMUM	-84.5	-84.6	-86.1	-83.2	-82.9	-81.6	-83.3	-81.8	-84.0	-84.7	-83.7	-84.2	-86.1
DATE	710127	710227	710327	710407	790523	740609	740730	740822	710931	791017	711128	741229	710327
MEAN	-77.3	-77.1	-78.0	-77.2	-77.2	-75.3	-72.5	-71.5	-72.6	-75.1	-76.5	-77.0	-75.6
S. D.	2.8	3.2	2.9	2.5	2.3	3.0	3.4	2.9	3.4	3.7	3.0	2.9	4.0
NO. OF OBS.	244	243	269	248	222	217	247	248	243	245	253	242	2911

TABLE 21B MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 70 MILLIBARS TIME OF ASCENT : 2000 HKT (1200 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	45	54	43	40	48	54	53	48	42	35	34	47	54
DATE	770107	730214	790317	730404	800524	780627	800728	750822	800903	781002	771121	731291	730214
MIN. SPEED	3	3	3	2	2	4	20	20	3	1	1	2	1
DATE	710118	730203	720321	750423	710508	800602	780718	760830	720930	721024	741123	731213	721024
SCALAR MEAN	19	22	17	13	13	26	36	34	23	13	13	17	21
VECTOR MEAN	259 17	258 21	261 15	260 7	78 9	80 26	85 36	86 34	89 22	105 10	223 6	259 14	100 5
CONSTANCY (%)	89	94	86	52	70	98	99	99	97	80	50	85	23
S. V. D.	12.4	12.8	12.5	13.5	13.0	10.3	8.3	8.1	8.8	10.0	13.0	12.1	22.9
NO. OF OBS.	203	210	232	200	169	181	224	205	201	217	221	192	2455
HEIGHT :													
MAXIMUM	18776	18766	18824	18886	18880	19256	18981	19112	19020	18945	18875	18796	19256
DATE	730116	730205	780322	790412	800524	790607	750704	790802	760904	781016	751102	771205	790607
MINIMUM	18371	18395	18394	18471	18561	18600	18618	18588	18614	18547	18469	18420	18371
DATE	770114	710216	750315	750402	710512	760614	740720	760829	790925	711017	771129	711204	770114
MEAN	18590.7	18588.2	18607.2	18654.1	18731.9	18797.8	18822.9	18813.9	18784.2	18720.9	18665.8	18617.6	18697.7
S. D.	74.3	72.4	78.9	76.3	66.5	71.9	61.8	69.7	61.9	61.1	64.4	71.3	111.0
NO. OF OBS.	242	234	264	240	215	210	245	245	225	239	243	234	2836
TEMPERATURE :													
MAXIMUM	-64.3	-63.6	-67.6	-63.6	-66.0	-60.4	-60.7	-59.7	-61.0	-63.1	-63.2	-62.8	-59.7
DATE	770110	760203	790325	770426	770524	760629	730720	790804	760904	761009	751109	741208	790804
MINIMUM	-82.8	-88.0	-84.7	-81.6	-80.4	-78.9	-77.2	-77.1	-77.6	-79.3	-81.4	-83.2	-88.0
DATE	710127	730226	710327	710416	720526	740609	720721	740822	710922	791017	721106	731204	730226
MEAN	-74.3	-74.6	-75.1	-74.9	-74.0	-71.4	-68.2	-67.5	-68.3	-70.8	-72.6	-73.8	-72.1
S. D.	3.6	3.7	3.5	2.8	2.7	3.1	2.8	2.7	2.8	3.4	3.2	3.2	4.4
NO. OF OBS.	237	226	245	221	197	188	233	224	211	224	234	219	2649

TABLE 22B MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 60 MILLIBARS TIME OF ASCENT : 2000 HKT (1200 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	38	48	36	30	41	49	49	51	42	28	34	33	51
DATE	760131	770208	730223	750401	800523	780627	750728	750823	780908	781002	771122	801221	750823
MIN. SPEED	3	3	2	1	2	11	15	18	6	1	2	2	1
DATE	710111	740222	790309	770415	780516	720602	780719	770829	800925	781020	721104	721205	770415
SCALAR MEAN	14	17	15	11	14	26	36	35	25	14	11	13	19
VECTOR MEAN	253 10	248 15	245 12	219 3	85 12	83 26	86 35	88 34	90 24	97 13	172 3	252 10	100 8
CONSTANCY (%)	75	87	78	30	84	99	99	98	90	30	75	43	
S. V. D.	11.5	12.5	11.9	12.5	10.6	8.6	7.9	7.2	8.2	8.6	12.2	11.0	20.6
NO. OF OBS.	183	182	208	165	152	161	201	186	180	206	206	171	2201
HEIGHT :													
MAXIMUM	19713	19690	19756	19816	19796	19973	19912	20058	19988	19883	19812	19714	20058
DATE	780108	750220	780322	790412	770510	760629	790723	790802	760904	781016	751102	771207	790802
MINIMUM	19271	19282	19266	19370	19468	19524	19521	19532	19527	19503	19375	19350	19266
DATE	720123	710227	710327	720406	790501	760614	740720	760829	790925	791031	771129	711207	710327
MEAN	19501.0	19495.9	19515.0	19562.1	19648.2	19718.1	19757.2	19750.4	19719.7	19646.0	19583.4	19531.1	19616.3
S. D.	77.5	73.9	82.4	80.9	69.6	69.6	64.4	75.8	67.1	64.4	68.4	71.5	120.6
NO. OF OBS.	231	222	241	210	181	184	231	215	209	233	231	216	2584
TEMPERATURE :													
MAXIMUM	-56.7	-61.0	-56.8	-61.6	-58.6	-57.9	-59.5	-55.4	-56.6	-58.2	-58.4	-54.6	-55.4
DATE	770110	760228	770329	770418	770531	760629	780720	790804	760904	761028	751109	781206	790804
MINIMUM	-77.6	-80.1	-79.4	-79.2	-76.3	-73.7	-71.3	-72.2	-72.5	-75.4	-76.5	-79.5	-80.1
DATE	720123	730208	730330	710413	740503	740614	730714	720824	730916	741013	731117	721229	730208
MEAN	-68.9	-69.4	-69.6	-69.9	-68.3	-65.9	-64.5	-63.9	-64.4	-66.0	-67.3	-68.4	-67.2
S. D.	3.4	3.7	4.0	3.2	3.2	2.9	2.3	2.5	2.5	2.9	3.0	3.0	4.0
NO. OF OBS.	200	200	224	182	165	167	214	195	188	214	220	209	2378

TABLE 23B MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 50 MILLIBARS TIME OF ASCENT : 2000 HKT (1200 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	36	42	40	25	37	49	59	55	42	33	34	33	59
DATE	770113	780214	730323	750416	800525	800622	790730	770802	720906	751013	771129	801222	790730
MIN. SPEED	2	2	3	3	3	11	23	21	7	3	1	1	1
DATE	740103	760202	720308	710420	790516	760605	730718	760827	800925	721029	761119	791213	761119
SCALAR MEAN	11	14	12	10	16	27	37	35	27	16	11	10	19
VECTOR MEAN	226 5	234 9	232 8	167 4	87 14	87 27	85 37	87 35	91 27	95 15	132 5	234 5	97 12
CONSTANCY (%)	47	68	66	35	90	98	99	99	98	94	46	47	61
S. V. D.	12.2	12.3	11.5	11.0	10.0	8.8	8.8	8.1	8.2	8.3	11.0	10.6	19.0
NO. OF OBS.	151	147	176	145	134	140	178	157	168	187	178	155	1916
HEIGHT :													
MAXIMUM	20829	20825	20894	20940	20934	21132	21053	21187	21149	20937	20943	20832	21187
DATE	780108	750220	780322	790412	770521	760629	800720	790802	760904	751023	751102	771207	790802
MINIMUM	20335	20364	20326	20475	20569	20640	20618	20660	20638	20594	20472	20463	20326
DATE	720123	710227	710327	720420	790501	730616	740720	730809	790925	791017	771129	751229	710327
MEAN	20609.6	20599.2	20618.0	20668.9	20764.3	20837.9	20882.1	20875.7	20841.1	20761.6	20695.6	20639.9	20730.4
S. D.	82.3	77.8	89.3	84.3	74.9	76.8	68.6	82.3	72.9	67.3	73.0	74.5	129.3
NO. OF OBS.	196	195	222	174	158	164	209	195	185	213	215	187	2323
TEMPERATURE :													
MAXIMUM	-54.6	-54.9	-52.5	-56.3	-55.3	-54.1	-56.2	-53.6	-54.6	-56.1	-53.7	-56.2	-52.3
DATE	770110	770252	790320	770428	770506	770631	800726	770822	760909	761027	751109	781206	790320
MINIMUM	-75.0	-71.6	-75.1	-73.0	-71.7	-68.5	-66.2	-66.4	-69.7	-69.1	-70.0	-69.3	-75.1
DATE	790116	730228	720329	730417	760527	720616	720718	720804	730916	791019	731121	711230	720329
MEAN	-63.9	-63.6	-63.6	-63.8	-62.5	-61.6	-60.9	-60.5	-60.9	-62.1	-62.6	-62.9	-62.4
S. D.	3.0	3.0	3.7	3.4	2.9	2.7	2.1	2.6	2.4	2.5	2.3	2.4	3.2
NO. OF OBS.	179	173	198	156	139	152	190	168	174	196	191	183	2049

TABLE 24B MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 40 MILLIBARS TIME OF ASCENT : 2000 HKT (1200 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	31	35	31	24	34	55	56	54	45	36	30	23	56
DATE	800115	750206	800302	730424	760526	800627	800721	770814	790906	721006	791104	791230	800721
MIN. SPEED	2	3	0	2	2	18	23	18	10	3	3	2	0
DATE	780111	740205	770322	800417	790509	720603	760707	770825	800926	761029	731111	721209	770322
SCALAR MEAN	11	12	11	10	16	31	40	38	29	18	11	9	20
VECTOR MEAN	147 3	186 4	179 4	114 4	83 17	83 30	86 39	88 38	87 29	94 17	104 7	168 3	92 16
CONSTANCY (%)	31	38	36	41	47	48	49	49	48	45	65	28	78
S. V. D.	11.5	12.3	11.6	10.2	8.2	9.0	9.0	8.7	8.7	8.7	10.6	9.8	17.8
NO. OF OBS.	87	110	124	88	107	108	134	109	120	149	122	108	1346
HEIGHT :													
MAXIMUM	22254	22229	22324	22347	22332	22577	22467	22613	22582	22346	22376	22245	22613
DATE	770110	750220	780322	790412	770521	760629	800720	790804	760904	751023	751102	761210	790804
MINIMUM	21682	21821	21679	21851	21956	22001	21990	22064	22027	21963	21834	21830	21679
DATE	720123	740204	710327	710410	740518	730616	740720	760829	710923	791017	771129	791218	710327
MEAN	21992.9	21992.2	22007.6	22053.7	22161.2	22235.2	22287.0	22276.1	22239.1	22150.7	22044.5	22032.6	22124.7
S. D.	87.1	81.3	98.0	91.8	79.1	81.3	75.9	89.3	82.7	74.9	80.3	79.5	136.8
NO. OF OBS.	169	159	187	149	136	145	181	164	170	193	185	177	2015
TEMPERATURE :													
MAXIMUM	-52.9	-53.1	-49.9	-51.7	-51.4	-49.6	-51.3	-51.1	-52.2	-51.6	-51.4	-52.3	-49.6
DATE	790117	790210	790320	790422	760501	760629	760712	790813	780914	761012	751109	781204	760629
MINIMUM	-65.9	-68.0	-68.0	-65.8	-68.6	-63.3	-62.5	-62.5	-65.3	-63.7	-66.3	-64.2	-68.6
DATE	730110	730201	800312	730417	760527	730616	770708	740807	730916	791015	731122	791210	760527
MEAN	-59.9	-59.6	-59.2	-58.8	-57.8	-57.5	-57.2	-57.3	-57.6	-58.4	-58.9	-58.8	-58.4
S. D.	2.5	2.7	3.6	2.8	2.7	2.5	2.2	2.5	2.3	2.2	2.4	2.4	2.9
NO. OF OBS.	119	130	155	113	119	125	149	121	140	165	148	142	1624

TABLE 25B MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 30 MILLIBARS TIME OF ASCENT : 2000 HKT (1200 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	32	24	27	23	41	53	61	56	50	41	35	26	61
DATE	790124	A00229	A00301	A00424	790518	A00621	A00720	790804	A00910	A01003	791108	781212	A00720
MIN. SPEED	4	3	2	3	3	19	22	25	13	3	3	1	1
DATE	780123	760221	780331	790420	780501	760603	A00722	780822	780927	731021	731121	A01210	A01210
SCALAR MEAN	15	10	10	10	23	37	44	41	34	21	11	10	23
VECTOR MEAN	94 10	124 5	118 5	79 8	81 22	83 36	85 44	85 41	85 33	84 20	97 8	116 4	86 20
CONSTANCY (%)	64	44	53	80	97	99	99	99	99	95	71	46	89
S. V. D.	14.3	10.6	9.8	7.9	10.5	9.2	10.2	9.8	8.8	10.6	10.5	10.7	18.0
NO. OF OBS.	43	52	53	42	53	55	62	60	60	73	49	51	643
HEIGHT :													
MAXIMUM	24012	24063	24187	24221	24183	24473	24317	24474	24464	24198	24167	24095	24474
DATE	790101	750220	790320	790412	770510	760629	A00720	790804	760904	751023	751109	781206	790804
MINIMUM	23600	23617	23569	23682	23758	23786	23786	23868	23843	23753	23618	23618	23569
DATE	720120	740204	750327	730409	740518	730616	740720	780822	730916	741025	771129	791218	750327
MEAN	23808.3	23810.5	23824.4	23889.7	24002.0	24069.0	24131.9	24119.1	24069.4	23977.3	23901.0	23857.0	23955.4
S. D.	91.5	92.0	103.7	104.6	85.6	94.2	84.3	104.9	94.5	87.1	87.8	85.7	148.5
NO. OF OBS.	109	126	136	108	112	116	137	117	129	154	137	133	1514
TEMPERATURE :													
MAXIMUM	-51.0	-51.1	-46.8	-46.0	-48.0	-46.7	-46.6	-45.7	-47.0	-48.2	-49.2	-48.7	-45.7
DATE	A00131	780206	790320	790412	760517	760629	A00724	A00819	760904	761007	A01114	781204	A00819
MINIMUM	-63.5	-64.1	-63.2	-61.7	-57.2	-59.3	-58.9	-60.0	-59.8	-59.2	-59.2	-59.8	-64.1
DATE	730110	A00229	A00324	730430	720526	730608	740720	780822	730916	791011	731122	721226	A00220
MEAN	-56.3	-56.5	-56.0	-54.6	-52.9	-52.4	-52.9	-52.9	-53.8	-54.6	-54.8	-54.9	-54.4
S. D.	2.7	2.8	3.5	3.0	2.3	2.3	2.3	2.9	2.4	2.3	2.4	2.5	3.0
NO. OF OBS.	61	74	80	64	67	63	78	64	71	80	66	79	867

TABLE 26B MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 25 MILLIBARS TIME OF ASCENT : 2000 HKT (1200 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	33	30	27	21	48	52	62	57	54	38	28	39	62
DATE	790122	800229	800304	790427	800520	800626	780713	780821	780907	791003	801117	781212	780713
MIN. SPEED	5	3	1	3	15	6	31	35	26	6	3	5	1
DATE	780115	760221	790313	800407	800505	770615	790716	780806	780919	801029	781120	801210	790313
SCALAR MEAN	18	11	10	11	29	39	48	46	37	23	11	13	25
VECTOR MEAN	93 11	95 8	82 6	77 9	82 28	82 39	89 47	85 46	85 37	83 22	70 7	92 9	85 23
CONSTANCY (%)	64	71	57	86	97	99	99	99	99	95	62	65	91
S. V. D.	16.3	9.7	10.0	7.4	11.0	12.2	9.6	9.8	9.4	11.3	11.2	14.0	18.8
NO. OF OBS.	15	27	33	22	31	24	29	17	27	31	20	20	296
HEIGHT :													
MAXIMUM	25172	25207	25401	25433	25390	25687	25505	25662	25681	25351	25308	25232	25687
DATE	790113	760222	790320	790412	770510	760629	800720	790804	760904	801004	771111	781204	760629
MINIMUM	24807	24761	24713	24883	24916	25036	25105	25026	24992	24956	24771	24763	24713
DATE	790127	800225	800313	780405	740518	740608	720718	780822	730916	791031	771129	791218	800313
MEAN	24984.4	24963.7	24984.1	25068.6	25190.9	25262.6	25314.6	25314.4	25252.0	25142.4	25068.3	25014.4	25130.5
S. D.	101.4	95.8	115.6	114.5	88.0	99.1	82.5	123.9	101.1	84.5	95.6	85.2	140.8
NO. OF OBS.	49	63	66	50	58	56	71	52	59	77	57	66	724
TEMPERATURE :													
MAXIMUM	-50.0	-48.2	-45.7	-46.3	-45.0	-44.1	-44.2	-46.4	-48.0	-48.1	-46.7	-48.3	-44.1
DATE	790123	780209	790326	790412	770510	800621	780706	800808	760906	791002	801114	781215	800621
MINIMUM	-59.1	-61.1	-60.0	-57.8	-56.3	-53.6	-53.9	-56.5	-56.5	-58.1	-57.3	-57.5	-61.1
DATE	730114	800229	800313	790407	720526	730622	800729	730830	730904	791011	791124	791205	800229
MEAN	-54.9	-54.5	-54.4	-51.8	-50.8	-50.2	-50.0	-50.7	-51.7	-52.4	-52.3	-51.9	-52.2
S. D.	3.0	2.7	3.0	2.6	2.5	2.1	2.2	2.3	2.2	2.5	2.5	2.5	3.0
NO. OF OBS.	24	41	46	32	41	37	36	25	34	47	37	38	428

TABLE 27B MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 20 MILLIBARS TIME OF ASCENT : 2000 HKT (1200 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	22	18	19	18	50	45	63	32	48	28	7	20	63
DATE	790127	800218	790328	790408	800509	800621	800708	780806	780913	781008	801109	801213	800708
MIN. SPEED	21	11	2	12	29	39	39	32	39	16	4	5	2
DATE	800126	800224	790305	790418	800517	800625	800725	780806	790929	801013	801111	801216	790305
SCALAR MEAN	22	14	11	15	38	42	48	32	42	24	6	12	26
VECTOR MEAN	90 20	75 13	30 6	48 12	87 37	84 42	82 48	90 32	87 42	75 24	35 5	52 10	79 23
CONSTANCY (%)	94	91	53	81	98	99	98	100	100	98	95	83	90
S. V. D.	10.2	7.1	10.3	10.4	10.9	6.0	12.8	*******	5.6	7.1	3.2	9.1	19.3
NO. OF OBS.	2	5	16	4	11	5	8	1	5	7	2	5	71
HEIGHT :													
MAXIMUM	26638	26681	26656	26915	26819	26865	26969	27082	26854	26829	26891	26809	27082
DATE	790113	760222	790331	790412	770523	780602	800720	780814	800926	801004	781122	781209	780814
MINIMUM	26218	26152	26117	26323	26441	26484	26590	26540	26423	26414	26345	26333	26117
DATE	790130	800225	800313	780402	720526	740608	800716	730830	730916	791024	791124	801208	800313
MEAN	26414.8	26390.9	26394.2	26516.2	26649.0	26731.5	26788.9	26802.3	26693.0	26599.9	26521.0	26473.0	26569.6
S. D.	124.5	115.5	103.6	127.3	78.9	95.4	90.0	124.3	99.2	103.7	93.2	71.9	173.5
NO. OF OBS.	31	32	42	38	35	37	39	17	37	45	35	39	347
TEMPERATURE :													
MAXIMUM	-48.8	-47.7	-46.2	-45.4	-45.6	-38.1	-44.3	-48.4	-45.1	-45.2	-49.6	-45.3	-38.1
DATE	780115	780224	790314	790430	800525	780602	780713	780806	790905	781003	801109	801211	780602
MINIMUM	-53.1	-54.9	-56.7	-51.4	-56.0	-51.0	-49.8	-50.5	-52.3	-51.1	-52.0	-50.9	-56.7
DATE	800126	790214	800313	790407	720526	730632	780702	780815	730916	801009	801102	781218	800313
MEAN	-51.2	-52.4	-51.7	-48.1	-47.9	-46.5	-47.3	-49.5	-48.0	-48.2	-50.9	-48.7	-49.2
S. D.	1.7	2.2	2.4	2.8	2.5	3.9	1.6	1.5	2.2	2.1	1.1	2.1	3.0
NO. OF OBS.	5	11	19	11	18	8	9	2	7	11	5	7	113

TABLE 28B MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 15 MILLIBARS TIME OF ASCENT : 2000 HKT (1200 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	*****	*****	*****	15	53	*****	*****	*****	51	*****	*****	*****	53
DATE	********	*******	*******	790420	800521	*******	*******	*******	790929	*******	*******	*******	800521
MIN. SPEED	*****	*****	*****	15	53	*****	*****	*****	51	*****	*****	*****	15
DATE	********	*******	*******	790420	800521	*******	*******	*******	790929	*******	*******	*******	790420
SCALAR MEAN	*****	*****	*****	15	53	*****	*****	*****	51	*****	*****	*****	40
VECTOR MEAN	**** ***	*** ***	*** ***	100 15	107 53	*** ***	*** ***	*** ***	73 51	*** ***	*** ***	*** ***	92 38
CONSTANCY (%)	*****	*****	*****	100	100	*****	*****	*****	100	*****	*****	*****	96
S. V. D.	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	25.3
NO. OF OBS.	0	0	0	1	1	0	0	0	1	0	0	0	3
HEIGHT :													
MAXIMUM	28454	28368	28473	28582	28753	28734	28753	28769	28728	28769	28441	28481	28769
DATE	790118	790222	790314	790420	770523	800621	780713	780806	790929	801004	801109	801203	780806
MINIMUM	28134	28173	27958	28271	28535	28566	28624	28600	28305	28413	28429	28276	27958
DATE	800126	800218	800313	790407	800517	800625	790725	780815	730916	791004	801111	801216	800313
MEAN	*28275.0	28262.6	28257.2	28416.7	28625.9	28660.7	28704.0	28684.5	28549.0	28554.3	28435.0	28383.0	28440.4
S. D.	158.3	68.4	107.9	156.5	65.5	86.1	54.2	119.6	218.9	125.1	8.5	82.5	197.8
NO. OF OBS.	4	9	17	3	11	3	5	2	3	8	2	5	72
TEMPERATURE :													
MAXIMUM	********	-48.6	-48.1	-40.7	-40.0	-41.5	*******	*******	-42.7	*******	*******	*******	-40.0
DATE	********	790219	790307	790420	800521	800621	*******	*******	790929	*******	*******	*******	800521
MINIMUM	********	-51.1	-48.1	-40.7	-40.0	-47.0	*******	*******	-42.7	*******	*******	*******	-51.1
DATE	********	790209	790307	790420	800521	800605	*******	*******	790929	*******	*******	*******	790209
MEAN	********	-49.8	-48.1	-40.7	-40.0	-44.3	*******	*******	-42.7	*******	*******	*******	-45.0
S. D.	********	1.8	*******	*******	*******	3.9	*******	*******	*******	*******	*******	*******	4.2
NO. OF OBS.	0	2	1	1	1	2	0	0	1	0	0	0	8

TABLE 29B MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PRESSURE LEVEL : 10 MILLIBARS TIME OF ASCENT : 2000 HKT (1200 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
WIND :													
MAX. SPEED	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
DATE	********	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******
MIN. SPEED	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
DATE	********	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******
SCALAR MEAN	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
VECTOR MEAN	*** ***	*** ***	*** ***	*** ***	*** ***	*** ***	*** ***	*** ***	*** ***	*** ***	*** ***	*** ***	*********
CONSTANCY (%)	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
S. V. D.	********	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******
NO. OF OBS.	0	0	0	0	0	0	0	0	0	0	0	0	0
HEIGHT :													
MAXIMUM	*****	30965	*****	31365	*****	*****	*****	*****	31499	*****	*****	*****	31499
DATE	********	790209	*******	790420	*******	*******	*******	*******	790929	*******	*******	*******	790929
MINIMUM	*****	30945	*****	31365	*****	*****	*****	*****	31499	*****	*****	*****	30945
DATE	********	790219	*******	790420	*******	*******	*******	*******	790929	*******	*******	*******	790219
MEAN	********	30955.0	*******	31365.0	*******	*******	*******	*******	31499.0	*******	*******	*******	31193.5
S. D.	********	14.2	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	280.9
NO. OF OBS.	0	2	0	1	0	0	0	0	1	0	0	0	4
TEMPERATURE :													
MAXIMUM	********	*******	*******	-37.0	*******	*******	*******	*******	*******	*******	*******	*******	-37.0
DATE	********	*******	*******	790420	*******	*******	*******	*******	*******	*******	*******	*******	790420
MINIMUM	********	*******	*******	-37.0	*******	*******	*******	*******	*******	*******	*******	*******	-37.0
DATE	********	*******	*******	790420	*******	*******	*******	*******	*******	*******	*******	*******	790420
MEAN	********	*******	*******	-37.0	*******	*******	*******	*******	*******	*******	*******	*******	-37.0
S. D.	********	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*********
NO. OF OBS.	0	0	0	1	0	0	0	0	0	0	0	0	1

TABLE 30B MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

HIGHEST FREEZING LEVEL DATA TIME OF ASCENT : 2000 HKT (1200 GMT)

MONTH	MEAN PRESSURE (MBAR)	(S.D.)	MEAN HEIGHT (GPM)	(S.D.)	EXTREME VALUES PRESSURE (MBAR) MAXIMUM	MINIMUM	EXTREME VALUES HEIGHT (GPM) MAXIMUM	MINIMUM
JAN	606.7	45.0	4317.1	600.2	731.0	508.0	5731	2739
NO.OF OBS.	310		310					
FEB	599.8	46.4	4411.2	627.3	733.0	499.0	5875	2696
NO.OF OBS.	283		283					
MAR	592.0	31.4	4519.4	435.8	692.0	492.0	5864	3235
NO.OF OBS.	310		310					
APR	581.7	24.7	4667.7	354.2	654.0	515.0	5660	3679
NO.OF OBS.	300		300					
MAY	554.2	18.9	5061.6	282.2	608.0	505.0	5872	4309
NO.OF OBS.	310		310					
JUN	540.8	16.8	5260.9	260.8	590.0	485.0	6181	4541
NO.OF OBS.	295		295					
JUL	538.2	19.6	5297.8	296.1	615.0	473.0	6327	4159
NO.OF OBS.	307		307					
AUG	542.6	20.0	5226.9	300.6	591.0	488.0	6026	4507
NO.OF OBS.	309		309					
SEP	551.8	18.5	5111.5	272.2	610.0	499.0	5955	4293
NO.OF OBS.	299		299					
OCT	563.5	22.2	4948.2	319.0	647.0	499.0	5888	3797
NO.OF OBS.	310		310					
NOV	576.5	31.5	4759.2	443.7	699.0	521.0	5624	3172
NO.OF OBS.	300		300					
DEC	592.8	34.7	4657.5	482.2	732.0	511.0	5746	2751
NO.OF OBS.	310		310					
YEAR	569.1	37.0	4854.4	522.6	733.0	473.0	6327	2696
NO.OF OBS.	3643		3643					

TABLE 31B MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

TROPOPAUSE DATA TIME OF ASCENT : 2000 HKT (1200 GMT)

MONTH	MEAN PRESSURE (MBAR)	(S.D.)	MEAN HEIGHT (GPM)	(S.D.)	MEAN TEMPERATURE (CELSIUS)	(S.D.)	EXTREME VALUES PRESSURE (MBAR) MAXIMUM	MINIMUM	EXTREME VALUES HEIGHT (GPM) MAXIMUM	MINIMUM	EXTREME VALUES TEMPERATURE (CELSIUS) MAXIMUM	MINIMUM
JAN	101.9	13.8	16483.2	792.6	-78.5	2.9	160.0	68.0	18911	13718	-65.7	-85.5
NO. OF OBS.	270		270		270							
FEB	104.5	14.4	16331.1	813.9	-78.0	3.6	150.0	72.0	18581	14015	-66.3	-85.0
NO. OF OBS.	261		261		261							
MAR	99.4	12.1	16635.9	711.8	-79.0	2.9	139.0	73.0	18383	14689	-69.0	-86.2
NO. OF OBS.	287		287		287							
APR	99.3	13.5	16688.4	804.9	-77.6	2.9	136.0	71.0	18541	14716	-67.8	-84.5
NO. OF OBS.	267		267		267							
MAY	99.4	11.1	16750.7	650.4	-78.3	2.5	140.0	70.0	18750	14623	-72.2	-89.0
NO. OF OBS.	255		255		255							
JUN	103.9	11.9	16546.3	673.3	-77.7	2.6	139.0	79.0	18092	14708	-66.9	-84.0
NO. OF OBS.	249		249		249							
JUL	106.3	11.1	16410.5	652.3	-77.2	2.8	137.0	76.0	18420	14901	-68.9	-84.3
NO. OF OBS.	276		276		276							
AUG	107.9	10.5	16305.9	582.4	-77.0	2.6	139.0	83.0	17858	14571	-70.5	-84.1
NO. OF OBS.	277		277		277							
SEP	107.3	10.8	16312.2	601.9	-77.1	2.7	138.0	82.0	17794	14754	-68.9	-85.5
NO. OF OBS.	268		268		268							
OCT	103.2	11.8	16504.5	668.2	-78.5	3.1	153.0	76.0	18320	14075	-68.9	-86.1
NO. OF OBS.	274		274		274							
NOV	103.4	11.9	16455.4	680.2	-78.7	2.9	142.0	77.0	18226	14542	-69.1	-86.0
NO. OF OBS.	273		273		273							
DEC	104.9	15.1	16340.4	842.3	-78.1	3.1	154.0	73.0	18466	13949	-66.8	-85.0
NO. OF OBS.	265		265		265							
YEAR	103.5	12.7	16479.5	722.3	-78.0	3.0	160.0	68.0	18911	13718	-65.7	-89.0
NO. OF OBS.	3232		3232		3232							

TABLE 32B MEANS OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

LAPSE RATE BETWEEN SPECIFIED LEVELS (°C/km) TIME OF ASCENT : 2000 HKT (1200 GMT)

(MBAR)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
1000-950	5.0	4.6	4.7	5.1	6.0	6.7	7.2	7.0	7.1	6.9	6.2	5.5	5.8
(S.D.)	(2.95)	(2.96)	(3.08)	(2.86)	(2.12)	(2.24)	(1.54)	(1.98)	(1.69)	(1.88)	(2.08)	(2.31)	(2.62)
NO. OF OBS.	308	278	307	284	220	100	82	85	235	291	298	304	2747
950-900	2.6	2.0	2.6	3.6	4.6	5.4	5.8	5.5	5.6	5.3	4.6	3.2	4.2
(S.D.)	(4.01)	(4.14)	(3.54)	(2.96)	(2.55)	(2.07)	(2.05)	(2.08)	(1.94)	(2.27)	(2.95)	(3.53)	(3.21)
NO. OF OBS.	310	283	310	300	310	295	306	309	299	310	300	310	3642
900-850	2.4	3.0	3.2	3.8	4.4	4.7	4.7	4.8	5.2	4.8	3.6	2.9	4.0
(S.D.)	(4.07)	(3.68)	(3.64)	(2.68)	(2.07)	(2.07)	(2.08)	(2.08)	(2.04)	(2.58)	(3.32)	(3.68)	(3.11)
NO. OF OBS.	310	283	310	300	310	295	306	309	299	310	300	310	3642
850-800	3.8	3.3	2.6	3.7	4.5	4.7	4.8	5.1	5.0	3.8	3.1	3.9	4.0
(S.D.)	(3.45)	(3.64)	(3.34)	(2.68)	(2.04)	(2.08)	(1.98)	(1.83)	(2.10)	(3.08)	(3.30)	(3.13)	(2.88)
NO. OF OBS.	310	283	310	300	310	295	306	309	299	310	300	310	3642
800-700	3.7	4.0	4.5	4.7	4.9	4.7	4.9	5.0	4.8	4.2	4.0	3.4	4.0
(S.D.)	(2.82)	(2.88)	(1.81)	(1.48)	(1.14)	(1.01)	(1.04)	(1.08)	(1.29)	(1.51)	(1.91)	(2.55)	(1.90)
NO. OF OBS.	310	283	310	300	310	295	307	309	299	310	300	310	3642
700-600	3.4	4.1	5.3	5.9	5.4	5.4	5.5	5.5	5.3	5.5	4.8	3.3	4.9
(S.D.)	(2.60)	(2.38)	(1.86)	(1.17)	(.99)	(.85)	(1.03)	(1.03)	(1.00)	(1.21)	(1.93)	(2.88)	(1.91)
NO. OF OBS.	310	283	310	300	310	295	307	309	299	310	300	310	3643
600-500	5.4	5.0	5.3	5.4	5.4	5.4	5.5	5.5	5.4	5.4	5.3	5.6	5.4
(S.D.)	(1.88)	(2.32)	(1.60)	(1.10)	(.86)	(.89)	(.90)	(.96)	(.84)	(1.09)	(1.47)	(1.45)	(1.35)
NO. OF OBS.	310	283	310	300	310	295	307	309	299	310	300	310	3643
500-400	5.8	6.2	6.1	6.3	6.0	5.9	5.9	5.8	6.0	5.9	6.2	6.3	6.1
(S.D.)	(1.71)	(1.53)	(1.34)	(.86)	(.74)	(.78)	(.78)	(.78)	(.75)	(.93)	(1.10)	(1.18)	(1.10)
NO. OF OBS.	310	283	310	300	310	295	307	309	299	310	300	310	3643
400-300	6.9	6.8	6.7	7.0	6.9	6.8	6.8	6.8	7.0	7.0	6.9	6.9	6.9
(S.D.)	(1.09)	(1.10)	(.99)	(.73)	(.55)	(.58)	(.62)	(.61)	(.56)	(.68)	(.73)	(.82)	(.80)
NO. OF OBS.	310	283	310	300	310	295	306	309	299	310	300	310	3642
300-250	7.3	7.4	7.4	7.4	7.7	7.7	7.6	7.5	7.7	7.6	7.6	7.6	7.5
(S.D.)	(1.04)	(1.05)	(.85)	(.83)	(.56)	(.59)	(.64)	(.68)	(.66)	(.66)	(.65)	(.88)	(.78)
NO. OF OBS.	310	283	310	300	310	295	306	308	299	310	300	310	3641
250-200	7.5	7.5	7.5	7.3	7.8	8.0	7.9	7.9	7.9	7.7	7.7	7.6	7.7
(S.D.)	(.83)	(.88)	(.77)	(.73)	(.59)	(.58)	(.59)	(.63)	(.62)	(.64)	(.58)	(.81)	(.72)
NO. OF OBS.	310	283	310	300	310	295	306	308	299	310	300	310	3641
200-150	7.0	7.1	7.1	6.7	7.3	7.8	7.7	7.6	7.5	7.3	7.4	7.2	7.3
(S.D.)	(1.01)	(.97)	(.93)	(1.06)	(.81)	(.71)	(.70)	(.71)	(.77)	(.83)	(.72)	(.86)	(.91)
NO. OF OBS.	308	286	307	293	310	289	302	305	296	308	297	304	3597
150-100	5.1	5.0	5.2	4.8	5.3	5.4	5.2	5.1	4.9	5.3	5.2	4.7	5.1
(S.D.)	(1.12)	(1.25)	(1.01)	(.91)	(.94)	(1.04)	(1.30)	(1.40)	(1.18)	(1.28)	(1.21)	(1.09)	(1.17)
NO. OF OBS.	283	270	294	281	285	266	284	280	278	287	283	281	3374
100- 50	-3.2	-3.3	-3.4	-3.0	-3.6	-3.8	-3.7	-3.6	-3.7	-3.7	-3.7	-3.4	-3.5
(S.D.)	(.90)	(1.03)	(1.00)	(.93)	(.85)	(.67)	(.73)	(.77)	(.68)	(.78)	(.69)	(.85)	(.86)
NO. OF OBS.	179	173	198	156	139	152	190	168	174	196	191	183	2099

TABLE 33B RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

PERCENTAGE FREQUENCY DISTRIBUTION OF INVERSIONS WITH BASE BETWEEN SPECIFIED PRESSURE LEVELS TIME OF ASCENT : 2000 HKT (1200 GMT)

(MBAR)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
SFC-951	17.75	16.61	20.33	15.67	5.49	2.71	1.51	1.30	2.35	4.20	8.01	13.55	9.09
NO.OF OCCURRENCE	55	47	63	47	17	8	4	4	7	13	24	42	331
ASCENTS REACHED	310	283	310	300	310	296	307	309	299	310	300	310	3644
950-901	25.49	25.09	24.52	20.34	11.94	12.21	12.75	10.36	10.37	10.33	17.34	30.00	17.55
NO.OF OCCURRENCE	79	71	76	61	37	36	39	32	31	32	52	93	639
ASCENTS REACHED	310	283	310	300	310	295	306	309	299	310	300	310	3642
900-851	20.00	20.50	21.62	16.67	10.33	10.85	12.75	8.10	10.04	15.17	27.67	24.20	16.48
NO.OF OCCURRENCE	62	58	67	50	32	32	39	25	30	47	83	75	600
ASCENTS REACHED	310	283	310	300	310	295	306	309	299	310	300	310	3642
850-801	20.00	18.73	24.52	16.67	8.07	11.87	10.46	7.12	11.04	21.62	21.67	18.39	16.01
NO.OF OCCURRENCE	62	53	76	56	25	35	32	22	33	67	65	57	583
ASCENTS REACHED	310	283	310	300	310	295	306	309	299	310	300	310	3642
800-701	40.97	35.34	21.30	15.67	12.39	14.58	15.97	10.36	19.40	28.39	31.34	40.97	23.80
NO.OF OCCURRENCE	127	100	66	47	39	43	49	32	58	88	94	127	870
ASCENTS REACHED	310	283	310	300	310	295	307	309	299	310	300	310	3642
700-601	35.17	32.87	20.00	7.67	5.17	5.09	9.13	4.21	9.70	14.52	24.34	35.17	16.89
NO.OF OCCURRENCE	109	93	62	23	16	15	28	13	29	45	73	109	615
ASCENTS REACHED	310	283	310	300	310	295	307	309	299	310	300	310	3642
600-501	15.49	18.03	14.52	13.01	5.49	5.73	5.87	5.51	6.69	9.68	14.67	11.94	10.68
NO.OF OCCURRENCE	48	51	45	39	17	11	18	17	20	30	44	37	389
ASCENTS REACHED	310	283	310	300	310	295	307	309	299	310	300	310	3642
500-401	14.20	9.19	9.36	1.67	2.26	2.04	2.29	1.30	3.35	2.26	7.34	7.10	5.19
NO.OF OCCURRENCE	44	26	29	5	7	6	7	4	10	7	22	22	189
ASCENTS REACHED	310	283	310	300	310	295	307	309	299	310	300	310	3642
400-301	2.59	4.25	2.59	.34	.00	.68	.33	.33	.00	.97	1.34	1.94	1.27
NO.OF OCCURRENCE	8	12	8	1	0	2	1	1	0	3	4	6	46
ASCENTS REACHED	310	283	310	300	310	295	307	309	299	310	300	310	3642
300-251	.00	.71	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.06
NO.OF OCCURRENCE	0	2	0	0	0	0	0	0	0	0	0	0	2
ASCENTS REACHED	310	283	310	300	310	295	306	309	299	310	300	310	3642
250-201	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
NO.OF OCCURRENCE	0	0	0	0	0	0	0	0	0	0	0	0	0
ASCENTS REACHED	310	283	310	300	310	295	306	308	299	310	300	310	3641
200-151	.97	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09
NO.OF OCCURRENCE	3	0	0	0	0	0	0	0	0	0	0	0	3
ASCENTS REACHED	310	283	310	300	310	295	306	308	299	310	300	310	3641
150-101	5.83	9.54	5.89	5.73	4.20	13.02	25.83	34.74	27.28	18.84	9.04	9.16	13.76
NO.OF OCCURRENCE	18	27	12	11	13	38	78	106	81	58	27	28	497
ASCENTS REACHED	309	282	309	295	310	292	302	305	297	308	299	306	3410
100- 51	55.62	56.53	61.85	48.11	45.10	43.51	46.83	41.28	43.50	45.73	61.56	57.00	50.71
NO.OF OCCURRENCE	168	156	188	140	138	128	146	127	127	139	181	167	1707
ASCENTS REACHED	301	276	304	291	306	285	299	298	292	304	295	293	3544

TABLE 34B(I) MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

TIME OF ASCENT : 2000 HKT (1200 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
HEIGHT : 60 m													
MAX. SPEED	25	20	29	22	22	40	59	58	65	25	32	20	40
DATE	710108	710219	710306	720429	720516	710617	780726	710816	760919	751019	721108	731221	710617
MIN. SPEED	0	0	0	0	0	0	0	0	0	0	0	0	0
DATE	710111	710201	710302	710413	710523	710623	720714	710817	710908	721028	731116	721221	710111
SCALAR MEAN	7	7	7	7	7	6	6	6	6	6	6	7	7
VECTOR MEAN	78 5	89 5	99 6	107 6	112 5	129 4	145 3	125 3	97 0	81 6	67 4	78 5	97 0
CONSTANCY (%)	75	71	66	77	70	56	46	48	70	75	69	70	68
S. V. D.	6.0	6.6	5.9	6.5	6.5	6.8	7.5	7.2	6.4	6.7	6.2	5.9	6.8
NO. OF OBS.	309	282	308	300	306	293	307	309	296	310	298	303	3620
HEIGHT : 300 m													
MAX. SPEED	50	51	58	36	51	56	47	57	40	45	40	38	57
DATE	710108	740223	780312	720429	720516	710617	730716	710816	790923	741019	721108	731221	710816
MIN. SPEED	1	0	1	0	1	1	1	1	1	1	1	0	0
DATE	740101	730213	740331	720414	760522	720611	720720	710807	710900	741002	751120	761201	730213
SCALAR MEAN	9	10	11	10	9	10	10	10	10	12	10	10	10
VECTOR MEAN	84 7	78 7	93 9	107 6	120 5	155 4	171 3	129 3	82 6	65 9	50 8	60 8	85 5
CONSTANCY (%)	76	68	74	57	49	41	32	33	61	80	81	78	52
S. V. D.	8.1	9.5	9.4	10.4	9.9	11.1	11.9	12.0	10.4	10.1	8.0	7.9	10.7
NO. OF OBS.	309	282	308	300	306	291	306	309	297	310	298	303	3619
HEIGHT : 600 m													
MAX. SPEED	51	59	33	38	37	58	55	60	41	47	44	40	64
DATE	710117	760226	780312	720429	720516	710617	780726	710816	760918	741019	721108	731221	710816
MIN. SPEED	1	1	1	1	1	1	1	1	1	1	1	1	1
DATE	780106	710315	740302	710425	720511	720611	740703	710818	720906	721010	791124	731202	780106
SCALAR MEAN	9	10	12	11	10	12	12	11	12	13	12	11	11
VECTOR MEAN	73 6	100 6	120 7	141 5	157 5	168 5	166 4	131 0	81 7	66 11	53 10	60 9	97 5
CONSTANCY (%)	68	57	62	49	46	46	35	39	65	63	68	81	47
S. V. D.	8.7	10.2	10.6	11.3	10.7	12.0	13.0	13.5	11.8	10.6	7.9	8.0	12.0
NO. OF OBS.	309	282	308	300	306	291	306	309	297	310	298	303	3619
HEIGHT : 900 m													
MAX. SPEED	50	55	55	37	57	58	65	66	51	49	42	35	66
DATE	750128	760226	800306	790405	800523	710617	780726	710816	760918	741019	721108	741201	710816
MIN. SPEED	1	1	1	1	1	1	1	1	1	1	1	1	1
DATE	720113	730217	740307	710417	770522	720611	710715	710826	710905	761024	751112	731202	720113
SCALAR MEAN	10	11	13	12	12	14	13	13	13	15	13	12	13
VECTOR MEAN	63 5	125 5	144 7	170 6	178 5	178 7	162 4	129 5	79 9	67 12	56 11	67 9	107 5
CONSTANCY (%)	56	48	55	51	47	48	35	38	65	82	87	76	40
S. V. D.	10.3	12.0	12.6	12.3	11.9	14.3	15.6	15.1	13.8	12.0	9.0	9.5	13.7
NO. OF OBS.	309	282	308	300	306	291	306	309	296	310	298	303	3618
HEIGHT : 1200 m													
MAX. SPEED	50	50	56	38	57	57	66	68	55	52	50	39	68
DATE	750120	760226	800307	790416	800523	710617	780726	710816	760918	751022	721108	741201	710816
MIN. SPEED	1	1	1	1	1	1	1	1	1	1	1	1	1
DATE	720115	730204	730304	710416	740510	720611	740727	710829	750925	771023	751116	711207	720115
SCALAR MEAN	14	14	17	17	17	19	18	17	18	16	17	14	17
VECTOR MEAN	108 3	169 4	175 7	195 7	203 6	189 7	162 5	124 5	75 9	68 13	58 11	68 8	119 8
CONSTANCY (%)	67	56	53	57	50	49	33	36	65	81	82	66	30
S. V. D.	11.1	12.5	13.0	12.8	12.0	14.8	16.3	15.8	14.2	12.7	10.2	10.6	14.5
NO. OF OBS.	309	282	308	300	306	291	306	309	295	310	297	301	3614

TABLE 34B(II) MEANS AND EXTREMES OF RADIOSONDE - RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

TIME OF ASCENT : 2000 HKT (1200 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
HEIGHT : 1500 M													
MAX. SPEED	29	34	39	36	41	58	66	72	59	57	52	38	72
DATE	710103	730226	800307	780416	800523	710617	780726	710816	760918	751022	721108	741201	710816
MIN. SPEED	1	1	1	1	1	1	1	1	1	1	1	1	1
DATE	710123	720227	730323	720423	760513	730629	750702	710823	720922	771023	791123	721209	710123
SCALAR MEAN	10	12	13	13	12	15	14	14	14	16	12	11	13
VECTOR MEAN	203 3	215 6	205 8	214 9	222 7	198 7	161 8	119 5	72 9	70 12	61 9	70 5	145 3
CONSTANCY (%)	21	51	57	64	56	51	30	33	68	72	48	44	21
S. V. D.	11.3	12.7	13.2	12.5	12.2	15.1	17.0	16.3	14.6	13.6	11.3	11.5	15.2
NO. OF OBS.	309	282	308	300	304	291	306	309	298	310	296	298	3607
HEIGHT : 1800 M													
MAX. SPEED	34	35	40	36	40	57	62	71	58	57	54	37	71
DATE	770131	790221	800307	780416	800523	710617	780726	710816	760918	751022	721108	741201	710816
MIN. SPEED	1	1	1	1	1	1	1	1	1	1	1	1	1
DATE	740123	710212	730321	720423	720501	730629	750705	760816	710901	761017	711102	711210	740123
SCALAR MEAN	11	14	14	14	13	15	15	14	14	15	12	11	13
VECTOR MEAN	238 5	235 9	226 9	227 10	233 8	205 8	163 4	116 5	72 9	74 11	61 7	72 2	186 3
CONSTANCY (%)	44	66	66	72	63	53	28	32	61	74	56	47	19
S. V. D.	11.9	12.8	13.0	12.6	12.8	15.5	17.5	16.6	14.6	13.9	12.0	12.0	15.6
NO. OF OBS.	309	282	308	299	304	291	307	309	293	310	296	298	3606
HEIGHT : 2100 M													
MAX. SPEED	56	46	39	57	40	54	58	68	55	65	54	37	68
DATE	770131	770201	800307	760415	800523	710617	780726	710816	760918	741018	721108	741201	710816
MIN. SPEED	1	1	1	1	1	1	1	1	1	1	1	1	1
DATE	740123	710207	710308	710418	780526	760618	780707	710824	710901	721002	761120	721207	740123
SCALAR MEAN	13	15	15	15	13	15	15	14	14	14	11	11	14
VECTOR MEAN	250 8	247 12	238 11	236 12	239 9	210 8	166 4	115 4	78 8	78 10	60 4	257 2	219 3
CONSTANCY (%)	60	77	74	79	70	56	28	31	58	67	37	38	24
S. V. D.	12.5	12.8	13.0	12.3	12.3	15.4	17.7	16.5	14.4	14.1	12.2	12.5	15.8
NO. OF OBS.	309	282	308	299	304	291	307	309	293	310	296	297	3605
HEIGHT : 2400 M													
MAX. SPEED	42	41	43	57	46	55	57	70	55	63	54	37	70
DATE	750115	800229	800306	720429	720511	740612	780726	710816	760918	741018	721108	741201	710816
MIN. SPEED	2	2	1	1	2	1	1	1	1	1	1	1	1
DATE	710110	730207	730314	710416	740526	760618	780709	780829	720922	721002	731118	721212	740314
SCALAR MEAN	15	17	16	16	14	15	15	14	13	13	11	12	14
VECTOR MEAN	256 11	253 14	247 13	243 13	244 10	214 9	168 4	119 4	76 7	81 8	39 2	250 5	235 5
CONSTANCY (%)	73	65	61	63	75	58	28	29	54	59	36	40	33
S. V. D.	13.3	13.7	13.4	13.0	12.1	15.5	17.9	16.5	14.1	14.2	12.4	12.6	16.1
NO. OF OBS.	308	282	308	299	304	291	307	309	293	310	296	296	3603
HEIGHT : 3000 M													
MAX. SPEED	52	48	44	41	52	57	52	67	51	57	60	39	67
DATE	750115	770203	790310	720429	720511	740612	780726	710816	770928	741018	721108	801224	710816
MIN. SPEED	3	2	2	3	1	1	1	1	1	1	1	1	1
DATE	720110	800215	740314	720424	740514	750614	730730	770827	790901	761002	711111	771202	740514
SCALAR MEAN	21	22	19	18	15	15	15	14	12	12	12	15	16
VECTOR MEAN	260 18	259 20	256 17	251 16	250 12	220 10	167 5	128 4	84 6	87 5	273 4	256 11	247 8
CONSTANCY (%)	66	62	68	69	61	62	30	29	46	39	58	74	49
S. V. D.	14.1	13.5	13.2	11.8	12.0	15.0	17.9	16.4	13.7	14.7	13.2	12.9	16.7
NO. OF OBS.	308	282	308	298	304	291	307	308	293	310	295	293	3597

TABLE 34B (III) MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

TIME OF ASCENT : 2000 HKT (1200 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
HEIGHT : 3300 M													
MAX. SPEED	52	49	48	48	52	51	52	69	51	63	63	45	69
DATE	750115	770203	790320	800412	720511	740612	800722	710816	770924	741018	721108	751213	710816
MIN. SPEED	3	3	2	4	1	1	1	1	1	1	1	2	1
DATE	710111	710214	710311	720424	740514	790601	730730	790830	720929	711017	711111	721206	740514
SCALAR MEAN	20	24	21	19	16	15	15	14	12	12	13	18	17
VECTOR MEAN	262 21	261 23	258 19	257 17	250 13	222 10	165 5	129 4	88 5	95 4	267 7	259 15	250 9
CONSTANCY (%)	90	94	90	90	84	67	30	29	43	29	51	80	55
S. V. D.	14.3	12.6	12.3	11.5	11.8	14.9	17.6	16.3	13.5	15.1	13.7	13.0	17.2
NO. OF OBS.	308	282	308	298	303	291	307	308	293	310	295	289	3592
HEIGHT : 3600 M													
MAX. SPEED	58	60	46	43	52	48	51	69	53	57	62	45	69
DATE	780118	770203	800303	720429	720511	740612	800722	710816	770924	741018	721108	751213	710816
MIN. SPEED	3	2	2	3	1	1	1	1	1	1	1	3	1
DATE	740121	730208	710311	740402	740514	730610	730729	720805	730919	711016	711126	721201	740514
SCALAR MEAN	27	28	23	20	17	15	15	14	12	12	15	21	18
VECTOR MEAN	263 25	262 26	260 21	255 19	251 14	223 10	163 5	130 4	93 3	104 3	265 9	260 19	253 11
CONSTANCY (%)	92	95	91	91	84	62	31	28	41	21	63	88	59
S. V. D.	14.7	12.9	12.5	11.6	11.9	14.8	17.6	16.3	13.4	15.3	14.1	13.2	17.9
NO. OF OBS.	308	282	308	298	303	291	307	308	293	310	295	289	3592
HEIGHT : 4500 M													
MAX. SPEED	70	63	55	50	50	50	50	54	54	54	66	62	70
DATE	780118	710201	750316	740401	720511	740612	800722	780826	770924	741018	721108	721229	780118
MIN. SPEED	3	3	1	2	1	1	1	1	1	2	1	6	1
DATE	720114	730209	720313	710410	760521	780629	750708	720804	710926	711020	711126	791208	720313
SCALAR MEAN	37	37	29	24	18	15	15	14	11	14	20	30	22
VECTOR MEAN	265 35	265 35	263 27	255 22	252 15	227 9	151 5	129 4	98 5	212 2	263 15	263 28	257 15
CONSTANCY (%)	96	96	95	94	87	57	33	29	41	11	78	93	67
S. V. D.	15.9	14.5	13.3	12.1	11.9	15.2	17.0	16.0	13.1	16.8	15.6	15.5	20.6
NO. OF OBS.	307	282	308	298	303	291	307	308	293	310	294	285	3586
HEIGHT : 5400 M													
MAX. SPEED	87	84	66	56	45	49	46	57	55	48	63	66	87
DATE	800130	710201	750315	780410	760504	740612	800721	710816	770924	751014	721108	721229	800130
MIN. SPEED	15	16	4	4	2	1	1	1	1	1	3	9	1
DATE	750104	730209	720313	710412	740523	750623	740708	800810	710908	761010	711106	791208	750623
SCALAR MEAN	45	45	35	28	18	14	14	14	12	16	24	36	25
VECTOR MEAN	266 43	265 43	264 34	256 27	253 16	219 7	136 5	120 5	97 5	250 4	261 21	263 34	258 18
CONSTANCY (%)	97	96	96	95	86	52	36	34	42	25	85	94	71
S. V. D.	17.1	17.0	14.8	13.3	12.5	15.0	16.1	15.9	13.2	18.1	16.8	16.9	23.5
NO. OF OBS.	307	282	308	298	303	291	306	308	293	310	294	283	3583
HEIGHT : 6000 M													
MAX. SPEED	90	86	70	59	42	46	51	54	52	52	60	71	90
DATE	800130	790201	750315	730408	760504	740612	780726	710816	770924	751014	711115	801222	800130
MIN. SPEED	16	21	7	8	1	1	1	1	1	1	1	14	1
DATE	750104	800214	720313	780423	740523	720611	780706	710801	710908	741004	721104	791207	740523
SCALAR MEAN	50	50	40	31	18	14	14	14	12	17	27	39	27
VECTOR MEAN	266 49	265 48	264 38	259 30	254 16	219 6	127 6	114 5	92 5	252 5	261 23	263 37	260 20
CONSTANCY (%)	97	96	96	95	86	48	38	37	44	32	88	95	73
S. V. D.	17.6	17.9	15.9	14.1	12.9	14.7	16.1	15.6	13.2	18.7	17.5	17.2	25.4
NO. OF OBS.	307	282	308	298	303	290	306	307	293	309	294	282	3579

TABLE 34B(IV) MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

TIME OF ASCENT : 2000 HKT (1200 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
HEIGHT : 7200 M													
MAX. SPEED	97	102	83	67	48	45	47	46	43	58	81	83	102
DATE	800127	790201	750315	780410	710506	740612	800722	760806	760918	791029	711127	711226	790201
MIN. SPEED	27	25	20	10	2	1	1	1	2	2	16	1	1
DATE	750126	730209	720331	710428	740522	790619	720728	720803	710906	721026	711105	791207	790610
SCALAR MEAN	60	57	49	36	19	13	14	14	12	19	33	47	31
VECTOR MEAN	265 58	264 55	263 47	262 35	259 16	215 8	111 6	100 6	85 6	259 8	263 30	263 44	261 23
CONSTANCY (%)	97	97	96	96	44	38	45	42	46	44	90	95	75
S. V. D.	20.2	20.0	19.0	15.6	14.0	14.8	15.0	15.3	13.1	20.3	21.3	19.7	29.3
NO. OF OBS.	306	282	308	298	303	290	306	306	292	309	297	282	3575
HEIGHT : 9000 M													
MAX. SPEED	111	121	97	85	62	48	53	46	49	84	93	100	121
DATE	790130	780215	780310	720408	780515	740612	710721	780827	770928	791030	711116	791223	780215
MIN. SPEED	37	35	14	12	1	1	1	1	1	3	2	15	1
DATE	800103	800214	710304	730430	770523	770612	760702	740828	740923	711009	711105	741201	770523
SCALAR MEAN	68	67	58	48	20	13	15	15	13	23	40	55	36
VECTOR MEAN	262 66	262 65	261 56	265 42	267 17	152 1	88 9	81 8	75 5	264 12	264 37	262 53	263 27
CONSTANCY (%)	97	97	97	95	82	8	63	51	57	58	92	96	75
S. V. D.	22.5	20.3	21.2	19.6	15.8	15.7	14.9	15.1	14.7	23.4	23.4	21.9	34.3
NO. OF OBS.	305	282	308	298	303	290	306	305	292	309	297	282	3577
HEIGHT : 9900 M													
MAX. SPEED	117	119	113	91	62	48	51	45	43	84	104	106	119
DATE	790128	780215	780310	790404	780514	740612	710721	780826	760918	791031	711116	721220	780215
MIN. SPEED	38	36	21	8	1	1	2	2	1	3	3	12	1
DATE	740108	720217	710304	770430	740514	770610	730720	740824	740919	761025	741104	741202	740514
SCALAR MEAN	72	69	61	48	22	14	17	16	14	25	42	59	38
VECTOR MEAN	261 70	261 67	260 59	265 45	273 17	59 2	80 11	77 8	63 5	266 14	264 39	262 57	263 28
CONSTANCY (%)	97	97	97	95	61	15	68	54	32	56	93	96	74
S. V. D.	23.0	24.9	21.9	21.7	17.4	16.4	15.5	15.7	15.9	25.2	23.7	23.8	36.3
NO. OF OBS.	305	282	308	298	303	290	306	305	292	308	292	282	3571
HEIGHT : 10500 M													
MAX. SPEED	119	120	116	100	64	47	48	48	42	87	101	115	120
DATE	790128	780215	780310	790404	780514	740615	710726	770809	760918	791030	711116	721220	780215
MIN. SPEED	37	33	19	7	2	2	2	1	1	6	7	7	1
DATE	740108	710228	710304	770430	780530	710603	710731	720818	780922	801010	711105	741202	780922
SCALAR MEAN	72	70	63	50	23	16	18	17	16	26	43	61	39
VECTOR MEAN	259 70	261 68	260 61	266 48	277 18	44 4	77 13	73 9	58 4	267 15	263 40	261 59	263 29
CONSTANCY (%)	97	97	97	95	60	23	71	56	26	57	92	96	73
S. V. D.	23.4	25.6	22.3	23.0	18.5	17.6	16.0	16.6	17.4	26.1	24.6	24.8	37.5
NO. OF OBS.	305	282	308	298	303	290	306	305	292	308	292	282	3571
HEIGHT : 12000 M													
MAX. SPEED	115	119	109	95	69	57	60	59	49	93	95	139	139
DATE	790108	780216	780310	780412	780512	800617	750709	760807	790901	791031	711117	721220	721220
MIN. SPEED	30	29	12	12	2	1	1	2	1	3	5	22	1
DATE	720107	710228	710306	730430	760527	760602	730714	740804	720927	711004	741106	751203	760602
SCALAR MEAN	73	71	64	54	25	20	23	19	19	26	45	65	42
VECTOR MEAN	258 70	258 69	257 63	267 51	267 20	32 8	72 17	67 11	46 4	267 17	260 41	255 62	262 29
CONSTANCY (%)	97	97	96	95	79	41	73	58	20	63	91	96	69
S. V. D.	25.0	25.9	24.1	24.6	20.1	21.3	19.4	19.3	20.9	26.1	26.5	26.2	39.8
NO. OF OBS.	304	282	307	296	303	290	306	304	292	308	291	282	3565

TABLE 34B (V) MEANS AND EXTREMES OF RADIOSONDE - RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

TIME OF ASCENT : 2000 HKT (1200 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
HEIGHT : 13800													
MAX. SPEED	116	108	96	91	62	63	84	80	47	97	86	106	116
DATE	790130	790211	790322	790403	780516	800617	780714	770807	710905	791028	791101	771228	790130
MIN. SPEED	27	29	8	5	3	4	2	2	1	3	3	16	1
DATE	730126	710228	710303	750429	760530	740613	720731	720816	710922	711005	711103	741201	710922
SCALAR MEAN	64	64	57	48	24	25	28	24	20	29	43	60	40
VECTOR MEAN	252 62	256 62	256 54	269 46	298 18	28 14	68 22	67 16	52 6	265 14	255 30	252 58	263 28
CONSTANCY (%)	97	97	96	95	74	55	80	67	28	57	91	96	61
S. V. D.	20.7	22.1	21.2	21.5	19.8	24.7	23.2	22.4	21.9	25.7	24.2	22.0	38.6
NO. OF OBS.	302	279	305	291	300	286	303	301	287	307	289	279	3520
HEIGHT : 14100													
MAX. SPEED	108	104	90	86	58	68	82	79	50	94	87	105	108
DATE	790130	790211	720312	790403	780513	710613	780714	770807	710905	791031	791101	771228	790130
MIN. SPEED	27	28	7	4	2	2	3	1	1	2	2	14	1
DATE	720106	710228	710303	750429	710531	710606	720718	710825	740902	741024	711103	741201	740902
SCALAR MEAN	61	61	54	45	23	26	29	25	20	23	42	58	39
VECTOR MEAN	253 50	257 59	257 52	269 43	300 17	29 15	68 24	68 17	58 7	263 13	255 38	252 56	263 23
CONSTANCY (%)	97	97	96	95	73	58	82	69	38	55	91	96	59
S. V. D.	19.8	21.4	20.5	20.6	19.3	25.0	23.5	22.6	21.4	24.9	23.9	21.9	37.9
NO. OF OBS.	301	279	305	291	300	286	303	300	287	307	288	277	3524
HEIGHT : 15300													
MAX. SPEED	97	96	81	72	45	62	83	79	51	68	76	79	96
DATE	790129	780216	790318	780411	780512	750624	750710	770808	800910	791030	791127	791213	780216
MIN. SPEED	15	13	7	5	2	2	5	3	1	1	2	13	1
DATE	760107	720202	760310	790421	710519	740606	710716	740817	710928	771008	711105	741202	710928
SCALAR MEAN	48	48	42	34	19	27	33	28	19	29	34	45	33
VECTOR MEAN	257 46	261 47	260 41	268 32	310 11	41 20	71 30	78 28	72 12	249 7	253 31	256 44	269 18
CONSTANCY (%)	97	97	96	93	61	75	90	84	63	39	89	96	63
S. V. D.	18.3	18.4	17.6	18.4	17.2	21.6	22.0	21.0	18.2	21.2	20.0	18.3	34.2
NO. OF OBS.	292	273	297	287	296	282	300	295	285	304	286	268	3465
HEIGHT : 16200													
MAX. SPEED	72	77	75	63	45	63	72	79	52	56	56	63	79
DATE	790129	790211	790317	780411	790514	710611	720707	770809	800911	791026	771122	771228	770809
MIN. SPEED	6	6	5	2	1	2	7	3	1	2	5	8	1
DATE	720102	760220	730331	790430	740514	770602	720714	770826	790917	721001	711105	761202	740514
SCALAR MEAN	37	38	33	26	16	27	36	31	20	16	27	35	28
VECTOR MEAN	260 36	263 37	263 32	270 23	333 7	55 23	74 38	79 30	80 17	210 4	251 23	259 33	274 7
CONSTANCY (%)	96	97	96	89	62	85	95	94	83	24	86	95	24
S. V. D.	16.3	16.1	15.6	16.5	16.8	18.3	18.2	16.7	15.0	18.2	17.4	16.0	30.8
NO. OF OBS.	277	264	287	272	276	267	290	284	277	286	276	256	3312
HEIGHT : 16800													
MAX. SPEED	70	62	63	55	43	59	70	68	43	39	46	56	70
DATE	790131	730215	790317	800416	760529	750623	720708	770807	770904	791031	771129	801221	790131
MIN. SPEED	7	6	3	2	1	5	9	7	3	1	3	4	1
DATE	720110	710227	730331	710402	790520	770602	720714	740807	760928	711016	751130	721209	790520
SCALAR MEAN	30	32	27	21	15	27	37	33	21	15	22	28	26
VECTOR MEAN	261 28	263 31	265 25	271 18	9 5	63 25	77 36	81 32	83 16	151 4	247 18	259 26	282 7
CONSTANCY (%)	95	97	94	84	32	90	97	97	93	27	82	93	10
S. V. D.	15.3	14.0	14.2	15.5	16.2	16.3	14.5	13.4	12.6	16.2	15.8	14.4	28.3
NO. OF OBS.	261	255	279	260	257	255	278	264	262	279	265	235	3140

TABLE 34B(VI) MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

TIME OF ASCENT : 2000 HKT (1200 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
HEIGHT : 18300 M													
MAX. SPEED	40	48	39	31	49	51	56	64	59	56	39	38	64
DATE	770111	770208	790317	800417	800524	800630	800728	770809	770910	731004	791121	801228	770809
MIN. SPEED	2	4	1	1	2	6	15	20	3	1	2	2	1
DATE	710118	770217	750301	710430	770523	760605	760702	760830	720912	721029	721104	791202	750301
SCALAR MEAN	18	21	17	13	13	27	36	34	22	13	13	17	20
VECTOR MEAN	260 16	257 20	259 15	257 7	74 9	78 27	84 36	85 34	89 22	110 10	229 8	257 14	99 5
CONSTANCY (%)	90	94	88	53	68	97	99	99	97	75	57	85	24
S. V. D.	11.5	11.5	11.4	13.3	13.2	11.3	8.8	8.6	8.8	11.0	12.9	11.7	22.8
NO. OF OBS.	219	226	248	213	188	197	241	223	218	231	238	200	2643
HEIGHT : 18500 M													
MAX. SPEED	40	48	37	29	54	50	55	50	59	31	35	41	55
DATE	770111	770208	790317	750407	800524	750624	800728	800801	780906	781002	771122	801203	800728
MIN. SPEED	2	3	3	1	2	4	21	19	4	1	2	2	1
DATE	730110	730203	720321	710430	710508	800602	730716	760831	720912	721029	711117	731213	710430
SCALAR MEAN	16	19	16	13	13	27	36	34	23	13	12	15	20
VECTOR MEAN	258 14	256 18	256 13	251 6	76 10	80 26	84 35	86 34	89 22	107 10	223 6	256 13	99 6
CONSTANCY (%)	87	92	85	47	74	98	98	99	97	80	50	83	29
S. V. D.	11.2	11.6	11.3	13.0	12.7	10.6	8.5	8.1	8.7	10.4	12.5	11.3	21.9
NO. OF OBS.	211	216	241	203	175	182	235	216	218	230	231	197	2561
HEIGHT : 19300 M													
MAX. SPEED	37	36	36	26	38	49	52	50	42	31	36	38	52
DATE	760131	780214	780303	750415	800523	780627	750725	760802	780908	781024	771129	801222	750725
MIN. SPEED	2	2	2	2	1	11	21	18	6	2	2	2	1
DATE	790126	800220	720308	780426	780509	720623	720717	770820	800925	721029	721104	771230	780509
SCALAR MEAN	12	15	13	11	14	27	36	35	25	15	11	12	19
VECTOR MEAN	235 7	234 11	243 9	187 3	85 12	84 26	86 36	88 35	90 25	95 13	154 3	242 7	99 10
CONSTANCY (%)	57	77	74	52	67	98	99	99	98	91	52	62	55
S. V. D.	11.0	11.6	10.6	11.7	10.0	9.2	7.8	7.6	8.1	8.5	11.0	11.0	19.3
NO. OF OBS.	198	175	200	167	153	170	209	187	188	220	208	174	2239
HEIGHT : 20500 M													
MAX. SPEED	36	33	41	27	34	46	53	49	41	31	27	36	53
DATE	770113	750207	730323	750401	780527	780628	750719	790817	770909	751007	791102	801223	750719
MIN. SPEED	1	5	2	3	3	12	15	21	6	2	2	1	1
DATE	740105	780204	720312	770402	780509	760603	780710	800825	800925	721022	731111	791213	740105
SCALAR MEAN	11	13	11	11	15	28	36	35	26	16	11	10	19
VECTOR MEAN	211 4	223 9	227 7	167 3	69 14	86 27	85 36	87 35	90 26	96 15	132 5	231 5	97 12
CONSTANCY (%)	58	63	63	32	41	98	99	99	98	98	48	45	66
S. V. D.	11.0	12.0	11.0	11.3	9.6	8.8	8.8	7.7	8.2	8.2	10.9	10.9	18.8
NO. OF OBS.	195	168	179	153	139	152	198	175	183	208	198	154	2053
HEIGHT : 21300 M													
MAX. SPEED	27	36	27	26	34	49	58	55	46	34	33	27	58
DATE	800115	750206	730323	750416	800525	800622	770729	770802	800910	731004	761103	721217	770729
MIN. SPEED	3	2	2	2	4	13	22	20	8	2	1	2	1
DATE	730119	790208	720305	780415	800505	760608	760700	770825	730926	781004	791114	781213	791114
SCALAR MEAN	11	12	11	10	16	29	38	37	28	18	11	10	20
VECTOR MEAN	171 4	207 4	202 4	139 3	68 15	85 28	86 38	88 36	89 27	95 17	114 6	200 3	98 15
CONSTANCY (%)	53	56	41	34	48	99	99	99	98	94	56	28	75
S. V. D.	11.5	12.5	11.3	10.4	9.1	8.3	8.8	8.6	8.6	8.7	10.6	10.5	17.8
NO. OF OBS.	125	128	153	120	128	137	172	151	161	187	175	131	1768

TABLE 34B(VII) MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

TIME OF ASCENT : 2000 HKT (1200 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
HEIGHT : 22800 M													
MAX. SPEED	32	30	32	19	37	55	58	51	53	36	37	28	58
DATE	800115	780221	800302	750416	800523	800627	770711	760806	740901	741002	791108	761202	770711
MIN. SPEED	3	2	2	2	5	17	25	19	16	3	3	1	1
DATE	740117	720217	780331	780426	780501	790618	750703	770810	780930	771020	791113	801210	801210
SCALAR MEAN	12	11	10	9	19	32	42	39	31	20	12	10	22
VECTOR MEAN	111 S 153 S	141 S	91 S	82 S	83 S	85 S	87 S	87 S	92 S	101 S	143 S	89 S	19
CONSTANCY (%)	43	42	46	47	96	98	99	99	99	96	67	29	85
S. V. D.	13.0	11.6	10.6	8.1	9.6	9.7	9.5	8.6	8.6	9.0	11.1	11.1	17.6
NO. OF OBS.	72	73	89	77	92	96	117	97	106	127	106	84	1136
HEIGHT : 23500 M													
MAX. SPEED	33	24	24	24	39	54	64	55	52	39	36	29	64
DATE	790124	800229	800301	800424	790518	800627	800716	800801	720905	791002	791108	781212	800716
MIN. SPEED	3	2	2	2	6	18	26	13	6	2	1	1	1
DATE	720115	740213	800325	760415	800505	780613	730702	780822	800929	731021	731108	781219	781219
SCALAR MEAN	15	11	10	10	22	35	43	39	32	21	11	11	23
VECTOR MEAN	99 A 131 S	126 S	84 A	80 S	82 S	84 S	84 S	86 S	87 S	100 A	115 S	87 S	21
CONSTANCY (%)	52	44	50	48	96	98	99	99	99	96	73	37	89
S. V. D.	15.1	10.9	9.8	7.9	10.2	10.0	9.7	8.6	8.3	9.7	10.1	11.8	17.8
NO. OF OBS.	50	56	58	58	68	75	92	71	78	83	71	61	827
HEIGHT : 24300 M													
MAX. SPEED	42	30	27	21	41	53	61	58	48	46	24	46	61
DATE	790123	800229	800304	800424	790518	800621	800720	730830	790905	791013	781105	781212	800720
MIN. SPEED	4	3	3	3	6	22	5	27	17	4	2	2	2
DATE	780115	740213	790310	790419	780501	780624	760708	800824	780919	801029	801113	801210	801113
SCALAR MEAN	19	11	11	11	24	38	44	44	33	23	9	11	25
VECTOR MEAN	91 A 103 S	98 S	79 S	81 S	82 S	82 S	85 S	84 S	83 S	91 S	103 S	84 S	23
CONSTANCY (%)	74	68	53	87	98	90	90	90	95	71	53	92	92
S. V. D.	16.4	9.8	10.3	7.4	9.8	9.0	12.1	9.8	8.7	11.4	9.1	11.7	17.9
NO. OF OBS.	26	34	45	36	48	51	61	41	60	64	44	39	549
HEIGHT : 25800 M													
MAX. SPEED	22	22	22	32	48	57	64	56	51	42	20	26	64
DATE	790127	790214	790328	800427	800531	800626	790726	800801	800911	781004	781113	781229	790726
MIN. SPEED	7	3	2	6	24	26	30	33	26	7	4	5	2
DATE	790118	780201	790305	790414	790520	780612	800725	780806	780927	801025	801111	801216	790305
SCALAR MEAN	17	14	10	16	32	43	47	44	39	24	10	13	28
VECTOR MEAN	100 A 14 73 S	56 S	67 S	86 S	79 S	87 S	68 S	86 S	74 S	38 S	81 S	81 S	26
CONSTANCY (%)	85	91	55	95	97	99	99	99	99	97	58	52	93
S. V. D.	13.6	8.2	9.7	9.7	10.8	11.0	10.9	10.5	9.6	9.8	10.5	14.3	18.8
NO. OF OBS.	3	12	19	16	22	19	26	9	18	20	11	9	184
HEIGHT : 26500 M													
MAX. SPEED	21	24	19	22	50	46	61	55	42	33	7	12	61
DATE	800126	800218	790328	800427	800508	800621	790726	780806	740921	801003	801109	801203	790726
MIN. SPEED	21	7	2	12	27	38	36	35	23	16	4	5	2
DATE	800126	800224	790305	790408	800501	800625	800725	780806	780927	801013	801102	801216	790305
SCALAR MEAN	21	16	11	16	37	42	49	35	38	25	6	9	30
VECTOR MEAN	70 A 21 65 S	10 S	66 S	82 S	86 S	85 S	88 S	85 S	78 S	25 S	67 S	80 S	28
CONSTANCY (%)	100	93	50	98	98	99	99	100	100	99	84	98	97
S. V. D.	*******	8.5	10.5	5.3	11.7	7.3	10.3	*******	8.3	6.9	8.0	8.3	19.0
NO. OF OBS.	1	6	12	5	16	9	13	1	6	7	3	3	82

TABLE 34B(VIII) MEANS AND EXTREMES OF RADIOSONDE-RAWINSONDE ASCENTS MADE AT KING'S PARK METEOROLOGICAL STATION, HONG KONG (1971-1980)

TIME OF ASCENT : 2000 HKT (1200 GMT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
HEIGHT : 27300 m													
MAX. SPEED	*****	15	15	20	45	48	60	*****	38	27	*****	*****	60
DATE	********	790216	790310	790420	800521	800621	800708	*******	790920	801009	********	********	800708
MIN. SPEED	*****	5	7	10	25	33	37	*****	38	27	*****	*****	5
DATE	********	790219	790307	790419	800531	800625	780713	*******	790920	801009	********	********	790219
SCALAR MEAN	*****	9	11	20	31	40	48	*****	38	27	*****	*****	28
VECTOR MEAN	**** ***	06 5	348 9	75 19	88 30	84 40	77 47	*** ***	76 38	57 27	*** ***	*** ***	77 24
CONSTANCY (%)	*****	58	78	100	96	99	99	*****	100	100	*****	*****	88
S. V. D.	********	10.2	8.4	2.5	11.0	9.9	11.9	*******	*******	*******	*******	*******	20.0
NO. OF OBS.	0	3	6	2	8	8	4	0	1	1	0	0	29
HEIGHT : 29100 m													
MAX. SPEED	*****	*****	*****	23	*****	52	*****	*****	50	*****	*****	*****	50
DATE	********	*******	*******	790419	*******	800621	*******	*******	790920	********	********	********	790920
MIN. SPEED	*****	*****	*****	19	*****	52	*****	*****	50	*****	*****	*****	19
DATE	********	*******	*******	790420	*******	800621	*******	*******	790920	********	********	********	790420
SCALAR MEAN	*****	*****	*****	21	*****	52	*****	*****	50	*****	*****	*****	38
VECTOR MEAN	**** ***	*** ***	*** ***	90 21	*** ***	74 52	*** ***	*** ***	74 50	*** ***	*** ***	*** ***	78 38
CONSTANCY (%)	*****	*****	*****	100	*****	100	*****	*****	100	*****	*****	*****	99
S. V. D.	********	*******	*******	2.8	*******	*******	*******	*******	*******	*******	*******	*******	21.0
NO. OF OBS.	0	0	0	2	0	1	0	0	1	0	0	0	4
HEIGHT : 30600 m													
MAX. SPEED	*****	*****	*****	21	*****	*****	*****	*****	*****	*****	*****	*****	21
DATE	********	*******	*******	790420	*******	*******	*******	*******	*******	*******	*******	*******	790420
MIN. SPEED	*****	*****	*****	21	*****	*****	*****	*****	*****	*****	*****	*****	21
DATE	********	*******	*******	790420	*******	*******	*******	*******	*******	*******	*******	*******	790420
SCALAR MEAN	*****	*****	*****	21	*****	*****	*****	*****	*****	*****	*****	*****	21
VECTOR MEAN	**** ***	*** ***	*** ***	50 21	*** ***	*** ***	*** ***	*** ***	*** ***	*** ***	*** ***	*** ***	50 21
CONSTANCY (%)	*****	*****	*****	100	*****	*****	*****	*****	*****	*****	*****	*****	100
S. V. D.	********	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******	*******
NO. OF OBS.	0	0	0	1	0	0	0	0	0	0	0	0	1