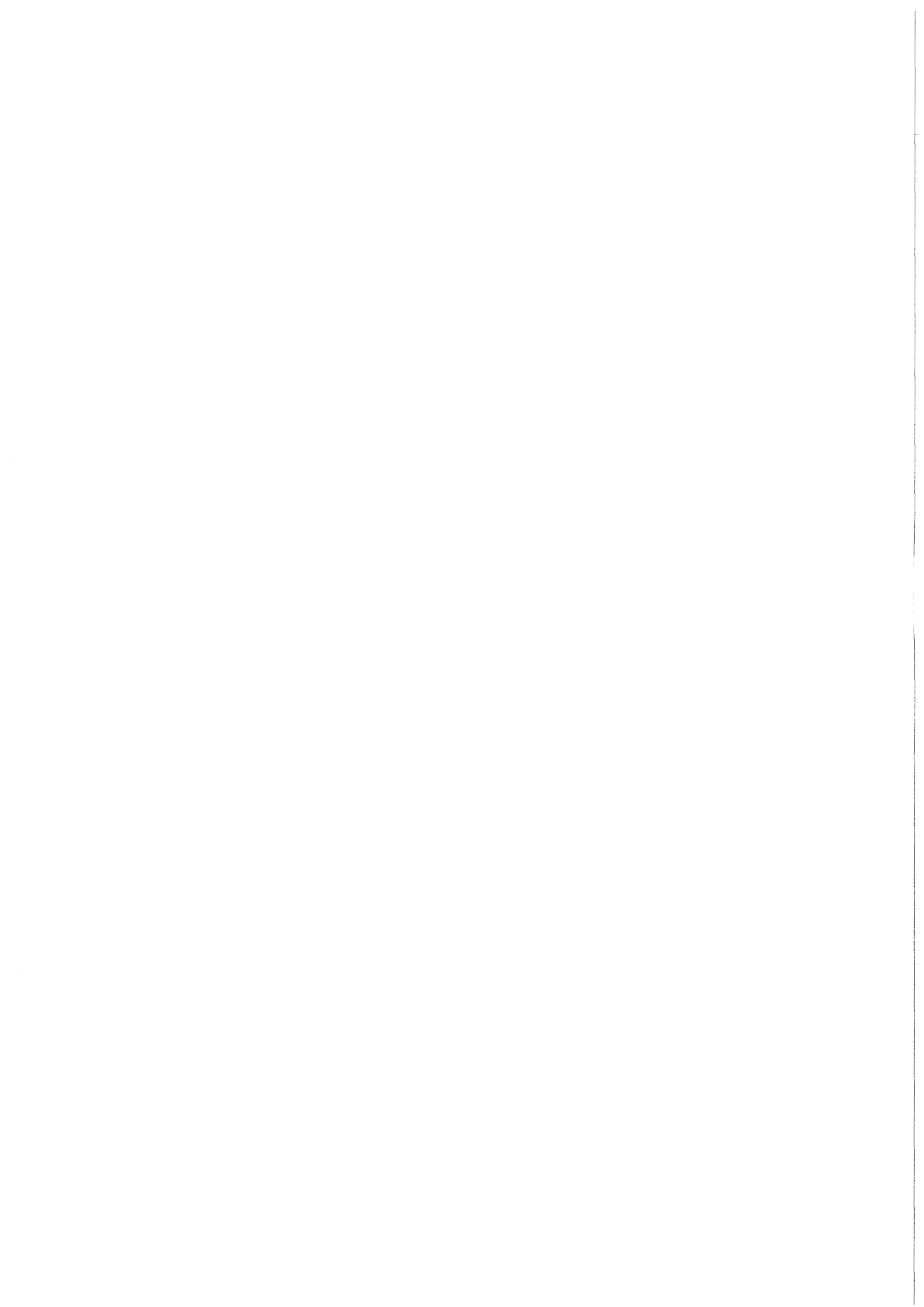


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# **Three- and Four-parameter Diffusion Statistics as a Basis for Calculating the Long-term Pollution Load**

**S. Vogt**  
**Hauptabteilung Sicherheit**

**Kernforschungszentrum Karlsruhe**



KERNFORSCHUNGSZENTRUM KARLSRUHE  
Hauptabteilung Sicherheit

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Three- and Four-parameter Diffusion Statistics  
as a Basis for Calculating  
the Long-term Pollution Load

by

S. Vogt

Kernforschungszentrum Karlsruhe GmbH, Karlsruhe

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Summary

Diffusion statistics are required to calculate the long-term pollutant load. In case pollutant washout by precipitation is not taken into consideration, three-parameter statistics are sufficient. They are understood to include the frequency distribution of the combination consisting of wind direction, wind speed and stability class. In case also washout is to be taken into account, the frequency distribution of these three parameters must be extended to include the precipitation parameter.

It is shown how, starting from a set of data of 10-minute mean values collected over ten years, these diffusion statistics can be elaborated by generation of half-hour values. Besides, the measuring instruments are described which are used in the determination of these four parameters. In the tables the three- and four-parameter diffusion statistics are indicated.

## Drei- und vierparametrische Ausbreitungsstatistik als Berechnungsgrundlage der langzeitigen Schadstoffbelastung

### Zusammenfassung

Zur Berechnung der langzeitigen Schadstoffbelastung wird eine Ausbreitungsstatistik benötigt. Wird das Auswaschen der Schadstoffe durch Niederschlag nicht betrachtet, so genügt eine dreiparametrische Statistik. Hierunter wird die Häufigkeitsverteilung der Kombination von Windrichtung, Windgeschwindigkeit und Ausbreitungskategorie verstanden. Soll die Auswaschung mitberücksichtigt werden, so ist die Häufigkeitsverteilung dieser drei Größen um den Parameter Niederschlag zu erweitern.

Es wird gezeigt, wie aus einem Datenkollektiv von 10-min-Mittelwerten aus 10 Jahren über die Bildung von Halbstundenwerten derartige Ausbreitungsstatistiken entstehen. Weiterhin werden die Meßgeräte zur Ermittlung dieser vier Größen vorgestellt. In Tabellen werden die drei- und vierparametrische Ausbreitungsstatistik dargestellt.

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## 1. Introduction

The calculation of the long-term pollutant load in the environment of an emitter relies in most cases on diffusion statistics, see, e.g. [HÜ78]. Until now three-parameter diffusion statistics have been currently used. They are understood to include the frequency distribution of a combination consisting of wind direction, wind speed and stability class. If, in addition, washout of the pollutants by precipitation is to be taken into account, the rain intensity is required as the fourth parameter.

At present, only two four-parameter statistics exist for the Federal Republic of Germany - for the sites of the Jülich Nuclear Research Center [BR76] and the Karlsruhe Nuclear Research Center [VO80]. The latter literature reference was published in 1980 and covers an evaluated period of seven years. Meanwhile, it is possible to evaluate a ten years period. Since the precipitations may undergo great variations from year to year, it seems reasonable to elaborate new diffusion statistics based on this larger data set.

## 2. Calculation of the Diffusion Statistics

All measured values integrated in the present diffusion statistics were obtained with the meteorological measurement system of the Karlsruhe Nuclear Research Center. A detailed description of this measuring system has been published in [DI76]. The preparation, verification and storage of the meteorological data have been described in [NA74]. To compile the statistics, 10-minutes mean values have been combined into half-hour values. The whole period under consideration lasted from December 1, 1972 until November 30, 1982, i.e. ten years. The yield are 175,296 half-hour values. In case the triple value consisting of wind direction ( $\hat{=}$  direction from which the wind blows), wind speed and stability class was not impaired by failures, it was possible to put



it into a three-parameter field  $F_{i,j,k}$ . The failures during ten years amounted to  $\sim 5\%$ .

In case of the four-parameter statistics the field is extended by the dimension of precipitation (subscript l). The failures for this field amounted to approx. 8%.

The subscripts have the following meanings:

- i: subscript of the stability class;  $i = 1 \dots 6$   
1 means the non-stable class A; 6 means the stable class F.

- j: subscript of the wind speed category  $j = 1 \dots 7$ .  
The category grading is:

<u>Subscript j</u>	<u>Speed in m/s</u>
1	0.6 ÷ 1.0
2	1.1 ÷ 1.5
3	1.6 ÷ 2.0
4	2.1 ÷ 4.0
5	4.1 ÷ 8.0
6	8.1 ÷ 15.0
7	15.1 ÷ 30.0

For wind speeds smaller than 0.6 m/s no attribution to the wind direction can be made. These cases are termed calms. Calms are supposed to be equally distributed in all directions and are grouped only by stability classes and intensities of precipitation.

- k: subscript of the wind direction sectors.  $k = 1 \dots 12$  and 36, respectively

The wind rose is divided into 12 or 36 segments of wind directions of  $10^\circ$  and  $30^\circ$  each, respectively. The first segment is marked  $30^\circ$  and  $10^\circ$ , respectively, and extends from  $15^\circ$  to  $45^\circ$  and from  $5^\circ$  to  $15^\circ$ , respectively.

- 1: subscript of the precipitation intensity category. 1 = 1...4

The category grading is:

Subscript 1	Intensity of Precipitation in mm/h
1	<0.02 (no measurable precipitation)
2	0.02 ÷ 0.5
3	0.51 ÷ 3.0
4	>3.0

### 3. Measuring Instruments

The wind direction is measured at 60 m height using swordlike wind vanes (type 1466 H, Lambrecht). Taking into account the error in adjusting the directions, the wind direction can be determined with an accuracy of  $\pm 3^\circ$ ; the lowest difference in directions measurable is  $1^\circ$ .

The wind speed at 60 m height is measured with a three-cup anemometer (type 114 H, Rosenhagen). The instrument generates 180 pulses per revolution by photoelectrical means. Due to the high pulse rate sufficiently accurate measurements can be made even in the vicinity of the starting threshold of approx. 0.4 m/s. The accuracy for speeds of less than 1.5 m/s is  $\pm 0.16$  m/s.

The stability class is determined from the standard deviation  $\sigma_\phi$  of the vertical fluctuation of the wind direction of a vector vane mounted at 100 m height (type 1053 III, Meteorology Research Inc.). The assignment of the  $\sigma_\phi$ -values to the stability classes A through F can be taken from [NE80]. In case of failure of the vector vane the stability class is determined by way of substitution from the temperature gradient 30/100 m and the wind speed at 40 m height [NE80]. If this indirect method fails, the scattering  $\sigma_\phi$  of the horizontal wind direction fluctuation of a swordlike wind vane mounted at 100 m height is used (assignment of  $\sigma_\phi$  and stability class see [NE80]).

The amount of precipitation is measured with an instrument with an area of  $200 \text{ cm}^2$  at 1.1 m height above the meadow where the measurement equipment is installed. The water level indicator is coupled to a slide wire potentiometer which is passed by a constant current and has an output of several hundreds mV, depending on the water level. The process computer calculates from the difference in the water level after 10 minutes intervals the amount of precipitation fallen at the end of that period. The lowest recorded amount of precipitation is 0.02 mm.

#### 4. Representation of the Statistics

Besides being printed as lists, all of them published in this report, the statistics haven been stored on magnetic tape and are available upon request.

##### 4.1 Three-parameter Statistics

The statistics comprising  $30^\circ$  and  $10^\circ$  direction sectors have been represented in Tables 2 and 3. Since both statistics have a similar pattern, it is sufficient to describe the details of the printout concerning the  $30^\circ$  statistics.

The wind rose in this case is divided into 12 wind direction sectors of  $30^\circ$  each. The first sector ( $30^\circ$ ) extends from  $15^\circ$  to  $45^\circ$ . The last sectors ( $360^\circ$ ) runs symmetrically with the northern direction which means that it covers the range from  $345^\circ$  to  $15^\circ$ . The wind direction as defined in meteorology means the direction from which the wind blows. It should be noted that the direction of diffusion is opposed to the wind direction. Table 2 shows the frequency of the combination of wind direction and stability class related to the wind direction frequency of the individual sectors of 100%. The actual frequency is obtained by multiplication by the wind direction frequency of the respective sector. Example:

In the wind direction sector  $210^{\circ}$  the combination of wind speed of 4.1 to 8.0 m/s occurred in the stability class D in

$$31.57 \cdot \frac{21.49}{100}\% = 6.78\%$$

of all cases.

The proportion of calms of 0.81% must be added to each sector with a value of 0.81/12%, assuming a similar distribution of wind directions. The dependence of the calms on the stability class can be seen from p. 23. The frequencies indicated on that page are obtained by summing up over all sectors of direction.

#### 4.2 Four-parameter Statistics

The pages 24 to 39 contain statistics with  $30^{\circ}$  direction sectors (Table 4) whilst the  $10^{\circ}$  direction sectors can be found on pages 40 to 79 (Table 5). Again it will be sufficient to describe the  $30^{\circ}$  statistics.

The distribution of wind direction, wind speed and stability class at the first precipitation class (no precipitation) can be seen from pages 24 to 27. The frequency of the first precipitation class is 88.9% which means that in 88.9% of the time there was no measurable precipitation.

The actual frequency is obtained when multiplying by the frequency of wind directions of the respective sector and by the frequency of occurrence of the precipitation class. Example: In the wind direction sector  $210^{\circ}$  the combination of the wind speed of 4.1 to 8.0 m/s occurred in the stability class D during the times without measurable precipitation in

$$29.38 \cdot \frac{88.93}{100} \cdot \frac{20.41}{100}\% = 5.33\%$$

of all cases.

The following pages 28 to 31 show the distribution of wind direction, wind speed and stability class at the second class of precipitation (0.02 ÷ 0.5 mm/h). The frequency of precipitations reaching such an intensity is 7.2%. The third precipitation class (0.51 ÷ 3.0 mm/h) occurs with a frequency of 3.4%. At the last precipitation class (>3.0 mm/h) the numerical value is 0.4%.

From the frequency of occurrence of the individual precipitation classes and the mean precipitation per hour a mean amount of precipitation per year is calculated which is 680 mm; see Table 1 below, column "Measured."

Class of Precipitation	Frequency in %	Mean Precipitation Intensity in mm/h		Mean Precipitation in mm/a	
		Measured	Corrected	Measured	Corrected
2	7.22	0.160	0.172	101.19	108.8
3	3.42	1.183	1.272	354.42	381.1
4	0.44	5.823	6.260	224.44	241.3
			Total	680.05	731.2

Table 1: Mean precipitation

For comparison the monthly amounts of precipitation of 18 years have been listed in Table 6. These values are based on a standard rain gage according to Hellmann which is read daily. The mean annual precipitation calculated for the years 1973 until 1982 is higher by approx. 7.5%. The difference between the two rain gages is explained largely by the outage times of the automatically recording gage. To make up for this deficit one cannot correct the precipitation frequency but - by way of substitution - increase the mean precipitation intensity; see Table 1, column "Corrected."

## 5. Other Evaluations of Precipitation

### 5.1 Monthly or Annual Totals

Table 6 shows very clearly the great variations from year to year in the monthly precipitations. For instance, a ratio of almost 54 is obtained for the precipitations fallen in the dry month of October 1969 and the wet month of October 1981. The sum of precipitations measured in the dry year 1971 is lower by the factor 0.67 than the 18-year average (1965 until 1982). Therefore, it is not surprising to read in [HA78] the statement that only a long series of measurements covering 30 years will be sufficient to determine with an accuracy of about 2% the mean monthly amount of precipitation at one measuring station.

### 5.2 Duration and Amount of Precipitation

In this section the question will be treated: How long continues a precipitation event and how much rain has fallen at the end of it? One speaks of a precipitation event if within 10 minutes at least 0.02 mm of precipitation has fallen. The duration is at least 10 minutes and the event is terminated as soon as during a subsequent 10-minutes cycle no more precipitation is indicated by the gage.

The evaluation of all 10-minutes values over ten years gives 10,375 precipitation events the distribution of which is shown in Table 7.

Irrespective of how long a precipitation lasts, 80.1% of the precipitation events do not produce more than 0.5 mm rain. Only 4.9% of precipitations give more than 3 mm. With respect to the duration the situation is as follows: Whilst 57.0% of the precipitations last 10 minutes at the most, 12.9% of precipitations have a duration of more than 1 hour.

### 5.3 Extreme Precipitation Events

Of the distribution of precipitations described in the preceding section only the extremal events are now represented. The limits of amount of precipitation  $S$ , duration  $A$  and intensity  $\dot{I}$  have been fixed as follows:

$$S > 25 \text{ mm}$$

$$A > 12 \text{ h}$$

$$\dot{I} \geq 30 \text{ mm/h and } A \leq 10 \text{ min}$$

$$17 \text{ mm/h} < \dot{I} < 30 \text{ mm/h}$$

Table 8 shows 28 cases which by application of the criteria above were selected from the 10,375 precipitation events under consideration. Fig. 1 shows in addition all precipitation events of at least 2 hours duration and producing more than 5 mm precipitation, plotted as a diagram of quantities versus durations. A limit curve for extreme precipitation events indicated by Wussow [WU22] has been entered as a dashed line. In fact, this plot - with two exceptions - represents the envelope of the precipitations measured at KfK during the years 1973 until 1982.

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DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

CALMS ( $\leq 0.5\text{M/S}$ ) 0.81 %

WIND DIRECTION SECTOR 30 DEGREE ( 6.69 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.13	0.23	0.25	0.90	0.73	0.56	2.80
1.1- 1.5	0.67	0.47	0.78	2.43	1.59	0.85	6.78
1.6- 2.0	1.03	0.97	1.27	3.97	2.46	1.29	10.99
2.1- 4.0	2.09	4.97	8.47	19.64	13.73	9.17	58.07
4.1- 8.0	0.04	0.64	4.74	10.46	3.67	1.61	21.15
8.1-15.0	0.0	0.0	0.07	0.13	0.0	0.0	0.21
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	3.96	7.28	15.58	37.52	22.18	13.48	100.00

WIND DIRECTION SECTOR 60 DEGREE ( 14.58 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.09	0.10	0.17	0.43	0.46	0.34	1.60
1.1- 1.5	0.36	0.38	0.40	1.40	0.95	0.66	4.16
1.6- 2.0	0.69	0.67	0.95	1.82	1.51	0.83	6.47
2.1- 4.0	2.24	5.72	8.31	12.58	11.73	4.64	45.22
4.1- 8.0	0.20	5.55	14.28	13.96	5.90	1.98	41.88
8.1-15.0	0.0	0.10	0.46	0.12	0.0	0.0	0.69
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	3.58	12.52	24.58	30.31	20.56	8.46	100.00

WIND DIRECTION SECTOR 90 DEGREE ( 6.76 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.19	0.17	0.30	0.91	0.73	0.84	3.14
1.1- 1.5	0.75	0.72	0.80	2.31	1.59	1.64	7.80
1.6- 2.0	0.89	0.95	0.91	2.24	2.55	2.14	9.68
2.1- 4.0	3.38	5.76	4.83	9.09	13.32	8.89	45.26
4.1- 8.0	0.59	8.25	9.43	8.16	5.83	1.62	33.87
8.1-15.0	0.0	0.08	0.07	0.09	0.0	0.0	0.24
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	5.80	15.92	16.34	22.80	24.01	15.13	100.00

WIND DIRECTION SECTOR 120 DEGREE ( 3.69 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.23	0.24	0.46	1.87	0.99	1.11	4.89
1.1- 1.5	0.60	0.89	0.94	3.50	2.24	2.54	10.71
1.6- 2.0	0.72	0.75	1.07	3.61	3.24	5.64	15.02
2.1- 4.0	1.24	1.63	2.10	5.84	12.36	28.82	51.98
4.1- 8.0	0.03	0.52	1.11	1.61	4.05	10.08	17.40
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	2.81	4.03	5.67	16.42	22.87	48.19	100.00

Tab. 2: Three-parameter Statistics 30°-Sectors

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

CALMS ( $\leq 0.5\text{M/S}$ ) 0.81 %

WIND DIRECTION SECTOR 150 DEGREE ( 3.07 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.20	0.33	0.72	1.80	1.31	1.68	6.04
1.1- 1.5	0.55	0.51	1.27	3.81	2.40	3.56	12.10
1.6- 2.0	0.49	0.59	0.84	3.19	4.16	6.22	15.48
2.1- 4.0	0.47	0.53	0.84	6.72	15.66	26.54	50.76
4.1- 8.0	0.0	0.04	0.22	1.04	4.20	10.09	15.58
8.1-15.0	0.0	0.0	0.04	0.0	0.0	0.0	0.04
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	1.70	1.99	3.93	16.56	27.74	48.08	100.00

WIND DIRECTION SECTOR 180 DEGREE ( 3.90 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.22	0.23	0.54	1.51	0.78	1.26	4.54
1.1- 1.5	0.52	0.58	0.92	2.71	2.01	2.68	9.43
1.6- 2.0	0.58	0.52	1.06	3.49	3.64	5.41	14.72
2.1- 4.0	0.37	0.63	2.03	11.63	16.76	24.23	55.65
4.1- 8.0	0.0	0.03	0.43	5.06	4.38	5.66	15.56
8.1-15.0	0.0	0.02	0.0	0.06	0.03	0.0	0.11
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	1.69	2.01	4.98	24.45	27.62	39.24	100.00

WIND DIRECTION SECTOR 210 DEGREE ( 21.49 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.04	0.05	0.08	0.25	0.13	0.23	0.76
1.1- 1.5	0.15	0.13	0.19	0.53	0.38	0.47	1.84
1.6- 2.0	0.21	0.26	0.33	0.98	0.58	0.82	3.17
2.1- 4.0	0.51	1.59	2.92	8.63	6.93	7.42	28.02
4.1- 8.0	0.03	0.58	6.50	31.57	11.09	8.95	58.72
8.1-15.0	0.0	0.01	1.38	6.01	0.04	0.01	7.45
15.1-30.0	0.0	0.0	0.02	0.02	0.0	0.0	0.03
SUMMATION	0.94	2.61	11.42	47.99	19.14	17.90	100.00

WIND DIRECTION SECTOR 240 DEGREE ( 20.57 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.05	0.06	0.12	0.22	0.15	0.21	0.80
1.1- 1.5	0.15	0.13	0.18	0.40	0.33	0.40	1.59
1.6- 2.0	0.36	0.30	0.31	0.76	0.55	0.67	2.95
2.1- 4.0	1.36	2.20	2.99	7.66	5.34	4.00	23.54
4.1- 8.0	0.07	1.08	10.09	39.42	5.63	2.11	58.40
8.1-15.0	0.0	0.01	1.67	10.97	0.03	0.0	12.68
15.1-30.0	0.0	0.0	0.00	0.02	0.0	0.0	0.02
SUMMATION	1.98	3.78	15.36	59.45	12.04	7.39	100.00

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

CALMS (<=0.5M/S) 0.81 %

WIND DIRECTION SECTOR 270 DEGREE ( 6.01 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.17	0.22	0.21	0.72	0.40	0.61	2.32
1.1- 1.5	0.76	0.61	0.53	1.49	1.02	0.91	5.30
1.6- 2.0	1.62	1.04	0.83	1.87	1.59	1.20	8.15
2.1- 4.0	4.45	4.24	4.57	11.36	6.53	3.76	34.90
4.1- 8.0	0.06	1.03	9.28	25.05	4.63	1.34	41.38
8.1-15.0	0.0	0.0	0.96	6.88	0.07	0.0	7.90
15.1-30.0	0.0	0.0	0.0	0.03	0.0	0.0	0.03
SUMMATION	7.06	7.13	16.38	47.39	14.24	7.80	100.00

WIND DIRECTION SECTOR 300 DEGREE ( 2.66 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.32	0.34	0.61	1.42	1.15	1.19	5.02
1.1- 1.5	1.85	1.40	1.76	3.06	1.53	1.58	11.16
1.6- 2.0	4.16	2.75	1.87	4.37	3.13	1.42	17.69
2.1- 4.0	10.44	6.14	5.76	15.80	6.64	3.29	48.08
4.1- 8.0	0.09	0.45	4.28	11.07	1.01	0.45	17.35
8.1-15.0	0.0	0.0	0.02	0.68	0.0	0.0	0.70
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	16.86	11.07	14.29	36.39	13.46	7.92	100.00

WIND DIRECTION SECTOR 330 DEGREE ( 3.01 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.34	0.38	0.34	1.39	0.96	0.92	4.32
1.1- 1.5	1.39	1.31	1.13	3.34	2.01	1.45	10.64
1.6- 2.0	2.85	1.97	1.85	4.26	2.98	1.75	15.66
2.1- 4.0	9.13	7.80	6.45	17.25	7.44	3.72	51.79
4.1- 8.0	0.12	0.99	4.22	10.51	1.03	0.36	17.23
8.1-15.0	0.0	0.0	0.04	0.32	0.0	0.0	0.36
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	13.83	12.46	14.03	37.07	14.42	8.20	100.00

WIND DIRECTION SECTOR 360 DEGREE ( 6.77 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.11	0.19	0.27	0.73	0.64	0.41	2.34
1.1- 1.5	0.54	0.54	0.57	1.44	1.10	0.65	4.84
1.6- 2.0	0.87	0.75	1.09	2.72	1.55	0.83	7.80
2.1- 4.0	2.87	5.86	6.88	17.28	10.25	5.41	48.55
4.1- 8.0	0.11	1.92	7.64	18.71	5.29	2.32	35.99
8.1-15.0	0.0	0.01	0.14	0.32	0.0	0.0	0.47
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	4.49	9.26	16.59	41.20	18.82	9.62	100.00

Table 2 continued

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

CALMS ( $\leq 0.5\text{M/S}$ ) 0.81 %

WIND DIRECTION SECTOR 10 DEGREE ( 2.24 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.11	0.21	0.27	0.72	0.72	0.40	2.43
1.1- 1.5	0.61	0.45	0.51	1.68	1.36	0.64	5.27
1.6- 2.0	0.78	0.59	0.99	2.94	1.74	0.80	7.83
2.1- 4.0	2.27	4.81	7.59	17.99	10.72	6.93	50.32
4.1- 8.0	0.05	1.52	8.05	16.93	4.87	2.09	33.50
8.1-15.0	0.0	0.0	0.13	0.51	0.0	0.0	0.64
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	3.82	7.59	17.54	40.78	19.41	10.86	100.00

WIND DIRECTION SECTOR 20 DEGREE ( 2.12 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.14	0.20	0.23	0.85	0.68	0.34	2.43
1.1- 1.5	0.51	0.40	0.62	2.72	1.39	0.65	6.29
1.6- 2.0	1.10	1.02	0.96	4.28	2.38	1.08	10.82
2.1- 4.0	1.87	4.56	8.18	20.44	14.16	7.87	57.08
4.1- 8.0	0.06	0.74	5.38	11.78	3.45	1.76	23.16
8.1-15.0	0.0	0.0	0.06	0.17	0.0	0.0	0.23
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	3.68	6.91	15.43	40.23	22.06	11.69	100.00

WIND DIRECTION SECTOR 30 DEGREE ( 2.16 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.19	0.33	0.22	1.00	0.64	0.75	3.14
1.1- 1.5	0.81	0.42	0.97	1.97	1.78	1.03	6.97
1.6- 2.0	1.11	1.06	1.61	3.97	2.33	1.28	11.36
2.1- 4.0	2.25	5.28	8.47	20.11	13.64	9.33	59.07
4.1- 8.0	0.06	0.42	3.33	9.28	4.69	1.67	19.44
8.1-15.0	0.0	0.0	0.0	0.03	0.0	0.0	0.03
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	4.42	7.50	14.61	36.35	23.08	14.05	100.00

WIND DIRECTION SECTOR 40 DEGREE ( 2.41 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.07	0.17	0.30	0.84	0.84	0.57	2.81
1.1- 1.5	0.70	0.57	0.74	2.58	1.59	0.87	7.05
1.6- 2.0	0.89	0.84	1.24	3.70	2.66	1.49	10.82
2.1- 4.0	2.14	5.06	8.71	18.52	13.43	10.18	58.04
4.1- 8.0	0.0	0.74	5.44	10.35	2.95	1.44	20.93
8.1-15.0	0.0	0.0	0.15	0.20	0.0	0.0	0.35
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	3.80	7.40	16.58	36.20	21.47	14.55	100.00

Tab. 3: Three-parameter Statistics 10°-Sectors

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

CALMS (<=0.5M/S) 0.81 %

WIND DIRECTION SECTOR 50 DEGREE ( 4.05 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.06	0.06	0.16	0.46	0.46	0.35	1.55
1.1- 1.5	0.46	0.35	0.37	1.94	1.04	0.74	4.89
1.6- 2.0	0.75	0.55	1.01	2.09	2.00	0.95	7.34
2.1- 4.0	1.86	4.53	8.62	14.82	13.61	7.45	50.89
4.1- 8.0	0.04	1.43	9.15	15.75	5.19	3.12	34.69
8.1-15.0	0.0	0.01	0.41	0.21	0.0	0.0	0.64
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	3.18	6.94	19.73	35.26	22.29	12.61	100.00

WIND DIRECTION SECTOR 60 DEGREE ( 5.62 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.10	0.07	0.15	0.42	0.39	0.33	1.46
1.1- 1.5	0.41	0.34	0.36	1.09	0.82	0.58	3.60
1.6- 2.0	0.58	0.66	1.01	1.59	1.27	0.64	5.75
2.1- 4.0	2.06	6.06	9.54	13.07	11.63	4.12	46.47
4.1- 8.0	0.16	4.78	16.09	13.52	5.53	2.01	42.08
8.1-15.0	0.0	0.05	0.53	0.05	0.0	0.0	0.64
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	3.30	11.97	27.69	29.73	19.64	7.67	100.00

WIND DIRECTION SECTOR 70 DEGREE ( 4.92 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.12	0.17	0.21	0.41	0.54	0.34	1.79
1.1- 1.5	0.22	0.45	0.48	1.32	1.04	0.69	4.19
1.6- 2.0	0.77	0.78	0.84	1.85	1.38	0.95	6.57
2.1- 4.0	2.74	6.30	6.64	10.19	10.30	2.93	39.10
4.1- 8.0	0.38	9.81	16.44	12.99	6.92	1.01	47.56
8.1-15.0	0.0	0.23	0.43	0.12	0.0	0.0	0.78
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	4.23	17.75	25.04	26.89	20.17	5.92	100.00

WIND DIRECTION SECTOR 80 DEGREE ( 3.00 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.08	0.14	0.24	0.78	0.66	0.58	2.48
1.1- 1.5	0.66	0.42	0.38	1.72	1.24	1.16	5.57
1.6- 2.0	0.78	1.00	0.82	1.92	2.22	1.24	7.97
2.1- 4.0	3.75	6.85	5.41	10.12	12.30	4.39	42.82
4.1- 8.0	0.82	11.62	12.34	9.70	5.71	0.54	40.73
8.1-15.0	0.0	0.18	0.08	0.18	0.0	0.0	0.44
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	6.09	20.20	19.27	24.42	22.12	7.91	100.00

Table 3 continued

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

CALMS (<=0.5M/S) 0.81 %

WIND DIRECTION SECTOR 90 DEGREE ( 2.07 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.29	0.23	0.32	0.93	0.90	0.93	3.59
1.1- 1.5	0.87	0.90	1.22	2.66	2.17	1.77	9.58
1.6- 2.0	0.93	1.04	0.98	2.63	2.46	2.49	10.54
2.1- 4.0	3.56	5.88	4.66	7.79	13.72	8.34	43.94
4.1- 8.0	0.46	7.32	9.06	7.55	6.37	1.48	32.24
8.1-15.0	0.0	0.0	0.09	0.03	0.0	0.0	0.12
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	6.11	15.37	16.32	21.59	25.62	14.99	100.00

WIND DIRECTION SECTOR 100 DEGREE ( 1.69 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.25	0.14	0.39	1.14	0.64	1.21	3.77
1.1- 1.5	0.78	1.03	1.03	2.92	1.49	2.35	9.60
1.6- 2.0	1.03	0.75	1.00	2.35	3.27	3.31	11.70
2.1- 4.0	2.49	3.66	4.02	8.85	14.65	17.56	51.23
4.1- 8.0	0.36	3.38	4.69	6.15	5.37	3.73	23.68
8.1-15.0	0.0	0.0	0.04	0.0	0.0	0.0	0.04
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	4.91	8.96	11.16	21.40	25.42	28.15	100.00

WIND DIRECTION SECTOR 110 DEGREE ( 1.41 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.13	0.13	0.38	1.40	0.85	1.06	3.95
1.1- 1.5	0.59	0.93	1.06	3.14	2.29	1.66	9.69
1.6- 2.0	0.93	1.15	0.81	2.97	2.68	5.23	13.76
2.1- 4.0	1.53	2.55	2.72	5.82	12.62	27.70	52.93
4.1- 8.0	0.04	1.23	1.95	2.12	4.42	9.90	19.67
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	3.23	5.99	6.92	15.46	22.85	45.54	100.00

WIND DIRECTION SECTOR 120 DEGREE ( 1.17 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.46	0.31	0.36	1.85	1.18	1.18	5.34
1.1- 1.5	0.56	0.98	0.82	3.34	2.16	3.18	11.04
1.6- 2.0	0.56	0.62	1.49	3.80	3.03	6.16	15.67
2.1- 4.0	1.18	1.34	1.95	6.16	12.58	30.20	53.42
4.1- 8.0	0.05	0.10	0.51	1.08	3.18	9.60	14.54
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	2.82	3.34	5.14	16.23	22.14	50.33	100.00

Table 3 continued

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

CALMS (<=0.5M/S) 0.81 %

WIND DIRECTION SECTOR 130 DEGREE ( 1.11 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.11	0.32	0.65	2.49	0.97	1.08	5.62
1.1- 1.5	0.65	0.76	0.92	4.11	2.27	2.97	11.68
1.6- 2.0	0.59	0.38	0.97	4.22	4.16	5.62	15.95
2.1- 4.0	0.92	0.76	1.46	5.51	11.78	28.81	49.24
4.1- 8.0	0.0	0.05	0.65	1.51	4.49	10.81	17.51
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	2.27	2.27	4.65	17.84	23.68	49.30	100.00

WIND DIRECTION SECTOR 140 DEGREE ( 1.14 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.16	0.16	0.52	2.09	1.20	1.47	5.60
1.1- 1.5	0.58	0.47	1.20	3.92	2.25	2.88	11.30
1.6- 2.0	0.47	0.52	0.68	3.24	4.08	5.13	14.13
2.1- 4.0	0.58	0.58	0.84	5.70	15.54	25.48	48.72
4.1- 8.0	0.0	0.05	0.42	0.78	5.08	13.92	20.25
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	1.78	1.78	3.66	15.75	28.15	48.87	100.00

WIND DIRECTION SECTOR 150 DEGREE ( 0.99 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.24	0.30	1.08	1.63	1.21	1.81	6.27
1.1- 1.5	0.48	0.42	1.02	3.86	2.59	4.16	12.54
1.6- 2.0	0.42	0.66	0.54	2.95	3.86	6.21	14.65
2.1- 4.0	0.36	0.54	0.66	6.93	16.03	26.88	51.42
4.1- 8.0	0.0	0.06	0.18	0.96	3.56	10.25	15.01
8.1-15.0	0.0	0.0	0.12	0.0	0.0	0.0	0.12
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	1.51	1.99	3.62	16.34	27.25	49.31	100.00

WIND DIRECTION SECTOR 160 DEGREE ( 0.93 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.19	0.58	0.58	1.62	1.55	1.81	6.34
1.1- 1.5	0.58	0.65	1.62	3.62	2.39	3.75	12.61
1.6- 2.0	0.58	0.58	1.36	3.36	4.59	7.57	18.05
2.1- 4.0	0.45	0.45	1.03	7.76	15.39	27.49	52.59
4.1- 8.0	0.0	0.0	0.0	1.42	3.82	5.17	10.41
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	1.81	2.26	4.59	17.79	27.75	45.80	100.00

Table 3 continued



DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

CALMS ( $\leq 0.5\text{M/S}$ ) 0.81 %

WIND DIRECTION SECTOR 170 DEGREE ( 0.99 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.24	0.30	1.03	2.05	0.97	1.81	6.40
1.1- 1.5	0.73	0.42	0.60	3.50	3.32	3.75	12.33
1.6- 2.0	0.54	0.60	1.27	4.29	4.41	7.49	18.61
2.1- 4.0	0.42	0.42	1.33	8.46	18.55	25.26	54.44
4.1- 8.0	0.0	0.0	0.06	2.24	2.78	3.14	8.22
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	1.93	1.75	4.29	20.54	30.03	41.45	100.00

WIND DIRECTION SECTOR 180 DEGREE ( 1.21 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.20	0.15	0.45	1.99	0.89	1.54	5.21
1.1- 1.5	0.40	0.70	1.39	2.73	1.89	2.98	10.08
1.6- 2.0	0.30	0.55	0.99	3.77	4.07	6.11	15.79
2.1- 4.0	0.50	0.40	1.84	12.36	16.68	26.02	57.80
4.1- 8.0	0.0	0.05	0.30	3.08	3.87	3.77	11.07
8.1-15.0	0.0	0.0	0.0	0.05	0.0	0.0	0.05
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	1.39	1.84	4.97	23.98	27.41	40.42	100.00

WIND DIRECTION SECTOR 190 DEGREE ( 1.70 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.21	0.25	0.32	0.85	0.60	0.74	2.96
1.1- 1.5	0.49	0.60	0.78	2.22	1.34	1.83	7.27
1.6- 2.0	0.81	0.46	0.99	2.82	2.89	3.71	11.68
2.1- 4.0	0.25	0.92	2.59	12.95	15.77	22.37	54.83
4.1- 8.0	0.0	0.04	0.74	8.12	5.68	8.47	23.04
8.1-15.0	0.0	0.04	0.0	0.11	0.07	0.0	0.21
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	1.76	2.29	5.40	27.06	26.36	37.12	100.00

WIND DIRECTION SECTOR 200 DEGREE ( 2.77 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.11	0.09	0.32	0.63	0.35	0.63	2.12
1.1- 1.5	0.30	0.28	0.41	1.49	0.82	1.47	4.79
1.6- 2.0	0.17	0.43	0.74	2.53	1.54	2.06	7.47
2.1- 4.0	0.48	1.39	3.36	13.06	12.48	16.33	47.10
4.1- 8.0	0.0	0.15	2.43	14.56	9.14	11.09	37.37
8.1-15.0	0.0	0.02	0.30	0.78	0.04	0.0	1.15
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	1.06	2.36	7.56	33.06	24.37	31.59	100.00

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

CALMS (<=0.5M/S) 0.81 %

WIND DIRECTION SECTOR 210 DEGREE ( 6.06 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.04	0.08	0.07	0.25	0.16	0.26	0.85
1.1- 1.5	0.17	0.18	0.23	0.65	0.55	0.58	2.36
1.6- 2.0	0.29	0.29	0.44	1.13	0.60	1.05	3.79
2.1- 4.0	0.64	1.80	3.45	10.57	8.83	9.31	34.61
4.1- 8.0	0.01	0.53	5.12	23.86	12.09	12.05	53.66
8.1-15.0	0.0	0.02	0.70	3.89	0.04	0.0	4.65
15.1-30.0	0.0	0.0	0.05	0.03	0.0	0.0	0.08
SUMMATION	1.15	2.90	10.06	40.38	22.27	23.24	100.00

WIND DIRECTION SECTOR 220 DEGREE ( 12.67 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.02	0.02	0.02	0.17	0.06	0.13	0.43
1.1- 1.5	0.11	0.07	0.12	0.26	0.19	0.20	0.95
1.6- 2.0	0.18	0.20	0.19	0.57	0.35	0.43	1.93
2.1- 4.0	0.46	1.54	2.58	6.74	4.81	4.58	20.70
4.1- 8.0	0.05	0.70	8.05	38.97	11.04	7.00	65.81
8.1-15.0	0.0	0.0	1.94	8.17	0.03	0.02	10.17
15.1-30.0	0.0	0.0	0.00	0.01	0.0	0.0	0.02
SUMMATION	0.82	2.53	12.91	54.88	16.50	12.35	100.00

WIND DIRECTION SECTOR 230 DEGREE ( 10.71 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.02	0.03	0.10	0.14	0.08	0.10	0.47
1.1- 1.5	0.10	0.07	0.11	0.23	0.24	0.29	1.03
1.6- 2.0	0.23	0.22	0.25	0.50	0.35	0.50	2.05
2.1- 4.0	0.77	1.75	2.65	6.76	4.84	4.08	20.85
4.1- 8.0	0.03	1.06	9.97	42.21	6.41	3.00	62.67
8.1-15.0	0.0	0.01	1.52	11.34	0.03	0.0	12.90
15.1-30.0	0.0	0.0	0.0	0.02	0.0	0.0	0.02
SUMMATION	1.15	3.14	14.59	61.20	11.96	7.95	100.00

WIND DIRECTION SECTOR 240 DEGREE ( 5.68 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.07	0.09	0.08	0.25	0.26	0.25	1.02
1.1- 1.5	0.16	0.15	0.24	0.52	0.43	0.54	2.04
1.6- 2.0	0.43	0.35	0.33	0.99	0.76	0.81	3.67
2.1- 4.0	1.60	2.45	3.22	8.39	5.87	4.02	25.55
4.1- 8.0	0.07	1.18	9.77	37.84	4.61	1.29	54.77
8.1-15.0	0.0	0.0	1.82	11.09	0.03	0.0	12.95
15.1-30.0	0.0	0.0	0.01	0.0	0.0	0.0	0.01
SUMMATION	2.34	4.22	15.48	59.09	11.97	6.91	100.00

Table 3 continued

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

CALMS (<=0.5M/S) 0.81 %

WIND DIRECTION SECTOR 250 DEGREE ( 4.18 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.07	0.09	0.21	0.36	0.17	0.46	1.36
1.1- 1.5	0.24	0.27	0.30	0.67	0.40	0.53	2.42
1.6- 2.0	0.59	0.44	0.42	1.13	0.77	0.92	4.27
2.1- 4.0	2.54	3.02	3.55	8.95	5.90	3.75	27.72
4.1- 8.0	0.17	0.99	10.85	34.44	5.04	0.93	52.42
8.1-15.0	0.0	0.0	1.86	9.87	0.03	0.0	11.76
15.1-30.0	0.0	0.0	0.0	0.04	0.0	0.0	0.04
SUMMATION	3.61	4.81	17.19	55.47	12.32	6.59	100.00

WIND DIRECTION SECTOR 260 DEGREE ( 2.80 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.11	0.13	0.21	0.58	0.21	0.43	1.67
1.1- 1.5	0.45	0.45	0.36	1.05	0.79	0.77	3.88
1.6- 2.0	0.96	0.64	0.77	1.16	1.18	1.03	5.74
2.1- 4.0	3.53	3.81	3.94	9.64	6.17	4.07	31.16
4.1- 8.0	0.02	1.05	10.94	28.53	5.57	1.37	47.48
8.1-15.0	0.0	0.0	1.41	8.50	0.11	0.0	10.02
15.1-30.0	0.0	0.0	0.0	0.04	0.0	0.0	0.04
SUMMATION	5.08	6.08	17.65	49.50	14.03	7.67	100.00

WIND DIRECTION SECTOR 270 DEGREE ( 1.92 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.16	0.28	0.19	0.59	0.37	0.59	2.18
1.1- 1.5	0.87	0.65	0.62	1.56	1.06	0.90	5.67
1.6- 2.0	1.62	1.31	0.75	2.09	1.87	1.25	8.88
2.1- 4.0	4.46	4.99	4.89	11.59	6.54	3.40	35.87
4.1- 8.0	0.06	1.09	8.20	24.74	4.67	1.25	40.01
8.1-15.0	0.0	0.0	0.78	6.51	0.06	0.0	7.35
15.1-30.0	0.0	0.0	0.0	0.03	0.0	0.0	0.03
SUMMATION	7.17	8.32	15.43	47.12	14.58	7.39	100.00

WIND DIRECTION SECTOR 280 DEGREE ( 1.29 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.32	0.32	0.23	1.21	0.84	1.02	3.94
1.1- 1.5	1.25	0.88	0.74	2.32	1.44	1.21	7.84
1.6- 2.0	3.06	1.48	1.07	3.11	2.09	1.48	12.30
2.1- 4.0	6.40	4.04	5.48	14.76	7.29	3.62	41.58
4.1- 8.0	0.14	0.88	7.29	17.96	2.55	1.39	30.21
8.1-15.0	0.0	0.0	0.23	3.90	0.0	0.0	4.13
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	11.18	7.61	15.03	43.25	14.20	8.72	100.00

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

CALMS ( $\leq 0.5\text{M/S}$ ) 0.81 %

WIND DIRECTION SECTOR 290 DEGREE ( 0.95 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.13	0.32	0.82	1.33	1.20	1.52	5.30
1.1- 1.5	1.39	1.26	1.39	2.27	0.95	1.14	8.40
1.6- 2.0	3.98	2.40	2.02	4.23	3.16	1.39	17.17
2.1- 4.0	10.16	5.74	5.87	14.90	6.38	3.03	46.09
4.1- 8.0	0.06	0.63	6.25	13.07	1.45	0.44	21.91
8.1-15.0	0.0	0.0	0.0	1.14	0.0	0.0	1.14
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	15.72	10.35	16.35	36.93	13.13	7.51	100.00

WIND DIRECTION SECTOR 300 DEGREE ( 0.84 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.43	0.36	0.29	1.93	1.14	0.93	5.08
1.1- 1.5	2.29	1.22	2.07	3.51	1.79	2.00	12.88
1.6- 2.0	4.22	3.00	1.65	4.43	2.79	1.43	17.53
2.1- 4.0	9.87	6.51	5.44	15.59	6.58	3.72	47.71
4.1- 8.0	0.21	0.36	3.72	10.30	1.00	0.57	16.17
8.1-15.0	0.0	0.0	0.07	0.57	0.0	0.0	0.64
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	17.02	11.44	13.23	36.34	13.30	8.66	100.00

WIND DIRECTION SECTOR 310 DEGREE ( 0.88 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.41	0.34	0.68	1.03	1.10	1.10	4.65
1.1- 1.5	1.92	1.71	1.85	3.49	1.92	1.64	12.53
1.6- 2.0	4.31	2.87	1.92	4.45	3.42	1.44	18.41
2.1- 4.0	11.29	6.23	5.95	16.97	6.98	3.15	50.58
4.1- 8.0	0.0	0.34	2.67	9.65	0.55	0.34	13.55
8.1-15.0	0.0	0.0	0.0	0.27	0.0	0.0	0.27
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	17.93	11.50	13.07	35.87	13.96	7.67	100.00

WIND DIRECTION SECTOR 320 DEGREE ( 0.87 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.21	0.28	0.69	1.38	1.03	1.17	4.75
1.1- 1.5	1.65	1.31	1.03	2.89	2.61	1.93	11.42
1.6- 2.0	3.71	2.48	1.86	4.26	4.13	2.34	18.78
2.1- 4.0	11.42	7.70	5.91	17.61	6.05	3.44	52.13
4.1- 8.0	0.0	0.55	2.48	8.12	1.03	0.41	12.59
8.1-15.0	0.0	0.0	0.0	0.34	0.0	0.0	0.34
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	16.99	12.31	11.97	34.59	14.86	9.28	100.00

Table 3 continued

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

CALMS ( $\leq 0.5\text{M/S}$ ) 0.81 %

WIND DIRECTION SECTOR 330 DEGREE ( 0.93 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.39	0.32	0.13	2.20	0.84	0.91	4.79
1.1- 1.5	1.42	1.75	1.23	4.08	1.94	1.62	12.04
1.6- 2.0	3.30	2.27	1.81	4.27	2.59	1.55	15.79
2.1- 4.0	8.93	6.08	6.80	17.99	8.93	4.27	53.01
4.1- 8.0	0.06	0.84	2.91	9.51	0.58	0.19	14.11
8.1-15.0	0.0	0.0	0.0	0.26	0.0	0.0	0.26
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	14.11	11.26	12.88	38.32	14.89	8.54	100.00

WIND DIRECTION SECTOR 340 DEGREE ( 1.21 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.39	0.49	0.25	0.79	0.99	0.74	3.65
1.1- 1.5	1.18	0.99	1.13	3.11	1.63	0.99	9.03
1.6- 2.0	1.87	1.38	1.87	4.24	2.47	1.48	13.32
2.1- 4.0	7.65	9.18	6.56	16.43	7.30	3.50	50.62
4.1- 8.0	0.25	1.43	6.46	12.97	1.38	0.44	22.94
8.1-15.0	0.0	0.0	0.10	0.35	0.0	0.0	0.44
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	11.35	13.47	16.38	37.89	13.76	7.15	100.00

WIND DIRECTION SECTOR 350 DEGREE ( 1.98 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.12	0.21	0.15	0.85	0.79	0.39	2.51
1.1- 1.5	0.45	0.70	0.39	1.73	0.85	0.70	4.82
1.6- 2.0	1.24	1.12	1.42	3.00	1.58	1.09	9.45
2.1- 4.0	4.09	7.09	6.94	17.48	10.27	5.66	51.53
4.1- 8.0	0.21	2.42	7.06	16.69	3.15	1.76	31.29
8.1-15.0	0.0	0.0	0.15	0.24	0.0	0.0	0.39
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	6.12	11.54	16.12	39.99	16.63	9.60	100.00

WIND DIRECTION SECTOR 360 DEGREE ( 2.55 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.09	0.14	0.38	0.66	0.45	0.42	2.13
1.1- 1.5	0.54	0.49	0.75	1.01	1.06	0.63	4.48
1.6- 2.0	0.66	0.61	0.91	2.30	1.36	0.66	6.50
2.1- 4.0	2.44	5.82	6.21	16.51	9.83	3.89	44.70
4.1- 8.0	0.09	1.88	7.74	21.83	7.32	2.95	41.82
8.1-15.0	0.0	0.02	0.14	0.21	0.0	0.0	0.38
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	3.82	8.96	16.14	42.52	20.00	8.56	100.00

SUMMARY FOR ALL WIND DIRECTIONS  
1.12.1972 - 30.11.1982

IN PERCENT

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.0- 0.5	0.01	0.02	0.04	0.25	0.21	0.27	0.81
0.6- 1.0	0.11	0.14	0.22	0.64	0.46	0.50	2.07
1.1- 1.5	0.44	0.41	0.50	1.44	0.97	0.94	4.71
1.6- 2.0	0.77	0.65	0.76	1.96	1.56	1.49	7.18
2.1- 4.0	2.17	3.50	4.62	10.86	9.19	7.92	38.26
4.1- 8.0	0.11	2.01	7.89	21.85	6.19	4.02	42.08
8.1-15.0	0.0	0.02	0.79	4.05	0.02	0.00	4.88
15.1-30.0	0.0	0.0	0.00	0.01	0.0	0.0	0.01
SUMMATION	3.61	6.76	14.82	41.06	18.59	15.15	100.00

Table 3 continued

- 24 -  
 DIFFUSION STATISTICS  
 1.12.1972 - 30.11.1982

PRECIPITATION 0.0 MM/H 88.93 %

CALMS (<=0.5M/S) 0.85 %

WIND DIRECTION SECTOR 30 DEGREE ( 7.06 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.13	0.24	0.25	0.84	0.69	0.59	2.73
1.1- 1.5	0.69	0.46	0.70	2.46	1.66	0.92	6.89
1.6- 2.0	1.01	1.00	1.22	3.68	2.63	1.52	11.06
2.1- 4.0	1.92	5.03	8.06	18.29	14.28	10.96	58.54
4.1- 8.0	0.02	0.67	4.61	9.61	3.89	1.81	20.60
8.1-15.0	0.0	0.0	0.05	0.13	0.0	0.0	0.18
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	3.77	7.40	14.89	35.00	23.15	15.80	100.00

WIND DIRECTION SECTOR 60 DEGREE ( 15.89 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.09	0.11	0.16	0.39	0.43	0.38	1.56
1.1- 1.5	0.29	0.40	0.37	1.36	0.94	0.69	4.05
1.6- 2.0	0.67	0.62	0.86	1.78	1.55	0.92	6.39
2.1- 4.0	2.05	5.77	8.38	11.71	11.88	5.48	45.27
4.1- 8.0	0.17	5.28	13.97	14.33	5.93	2.34	42.02
8.1-15.0	0.0	0.06	0.46	0.19	0.0	0.0	0.71
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	3.27	12.24	24.20	29.76	20.72	9.81	100.00

WIND DIRECTION SECTOR 90 DEGREE ( 7.12 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.19	0.17	0.23	0.91	0.71	0.90	3.11
1.1- 1.5	0.66	0.81	0.75	2.26	1.47	1.77	7.72
1.6- 2.0	0.89	0.99	0.82	2.14	2.39	2.39	9.62
2.1- 4.0	3.00	5.82	5.29	8.42	12.83	10.52	45.89
4.1- 8.0	0.45	7.93	9.63	8.00	5.64	1.84	33.49
8.1-15.0	0.0	0.06	0.06	0.06	0.0	0.0	0.18
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	5.18	15.78	16.79	21.79	23.05	17.41	100.00

WIND DIRECTION SECTOR 120 DEGREE ( 3.76 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.24	0.26	0.41	1.83	1.00	1.24	4.99
1.1- 1.5	0.56	0.95	0.91	3.43	2.08	2.84	10.75
1.6- 2.0	0.67	0.83	1.04	3.56	3.21	6.10	15.40
2.1- 4.0	1.13	1.63	2.26	4.69	10.84	31.17	51.72
4.1- 8.0	0.02	0.50	1.28	1.20	3.48	10.66	17.14
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	2.61	4.17	5.89	14.71	20.61	52.00	100.00

Tab. 4: Four-parameter Statistics 30°-Sectors

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION 0.0 MM/H 88.93 %

CALMS (<=0.5M/S) 0.85 %

WIND DIRECTION SECTOR 150 DEGREE ( 3.09 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.20	0.32	0.77	1.71	1.31	1.83	6.13
1.1- 1.5	0.54	0.43	1.26	3.70	2.52	4.10	12.55
1.6- 2.0	0.52	0.54	0.83	2.84	3.88	6.87	15.48
2.1- 4.0	0.45	0.50	0.88	5.36	14.22	29.77	51.17
4.1- 8.0	0.0	0.0	0.20	0.72	3.06	10.68	14.67
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	1.71	1.78	3.94	14.33	24.99	53.24	100.00

WIND DIRECTION SECTOR 180 DEGREE ( 3.80 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.26	0.26	0.46	1.70	0.86	1.43	4.97
1.1- 1.5	0.53	0.60	0.84	2.88	2.02	3.21	10.08
1.6- 2.0	0.59	0.59	0.99	3.59	3.43	6.18	15.36
2.1- 4.0	0.35	0.64	1.85	10.15	16.48	26.87	56.34
4.1- 8.0	0.0	0.04	0.29	2.86	3.90	6.14	13.23
8.1-15.0	0.0	0.0	0.0	0.02	0.0	0.0	0.02
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	1.72	2.13	4.44	21.21	26.69	43.82	100.00

WIND DIRECTION SECTOR 210 DEGREE ( 20.41 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.04	0.05	0.08	0.27	0.13	0.27	0.84
1.1- 1.5	0.15	0.14	0.19	0.59	0.37	0.55	1.99
1.6- 2.0	0.22	0.29	0.37	1.06	0.61	0.95	3.49
2.1- 4.0	0.53	1.82	3.29	8.51	7.44	8.31	29.90
4.1- 8.0	0.02	0.71	6.76	29.38	11.67	10.00	58.55
8.1-15.0	0.0	0.0	0.91	4.24	0.03	0.01	5.19
15.1-30.0	0.0	0.0	0.01	0.02	0.0	0.0	0.03
SUMMATION	0.97	3.01	11.62	44.07	20.25	20.08	100.00

WIND DIRECTION SECTOR 240 DEGREE ( 19.66 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.05	0.07	0.13	0.24	0.16	0.24	0.90
1.1- 1.5	0.14	0.15	0.20	0.45	0.34	0.47	1.76
1.6- 2.0	0.37	0.37	0.35	0.79	0.57	0.79	3.25
2.1- 4.0	1.36	2.60	3.37	7.28	5.47	4.42	24.50
4.1- 8.0	0.06	1.28	10.62	38.07	6.00	2.35	58.37
8.1-15.0	0.0	0.01	1.45	9.72	0.02	0.0	11.21
15.1-30.0	0.0	0.0	0.00	0.02	0.0	0.0	0.02
SUMMATION	1.98	4.49	16.11	56.58	12.56	8.28	100.00



DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION 0.0 MM/H 88.93 %

CALMS (<=0.5M/S) 0.85 %

WIND DIRECTION SECTOR 270 DEGREE ( 5.89 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.19	0.22	0.22	0.73	0.44	0.70	2.51
1.1- 1.5	0.72	0.67	0.52	1.61	1.06	1.06	5.65
1.6- 2.0	1.69	1.16	0.85	1.68	1.61	1.47	8.45
2.1- 4.0	4.54	4.95	4.81	10.10	6.50	4.07	34.97
4.1- 8.0	0.04	1.13	10.08	23.51	4.59	1.48	40.83
8.1-15.0	0.0	0.0	0.89	6.63	0.05	0.0	7.57
15.1-30.0	0.0	0.0	0.0	0.32	0.0	0.0	0.02
SUMMATION	7.18	8.15	17.38	44.28	14.25	8.77	100.00

WIND DIRECTION SECTOR 300 DEGREE ( 2.62 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.32	0.37	0.72	1.38	1.30	1.30	5.39
1.1- 1.5	1.94	1.54	1.73	3.03	1.81	1.86	11.90
1.6- 2.0	4.46	3.24	1.97	4.25	3.00	1.67	18.59
2.1- 4.0	11.02	7.22	5.71	13.60	6.69	3.59	47.84
4.1- 8.0	0.05	0.48	4.33	9.35	1.04	0.53	15.78
8.1-15.0	0.0	0.0	0.0	0.50	0.0	0.0	0.50
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	17.80	12.86	14.45	32.11	13.84	8.55	100.00

WIND DIRECTION SECTOR 330 DEGREE ( 2.98 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.35	0.40	0.37	1.54	0.98	1.12	4.77
1.1- 1.5	1.50	1.57	1.10	3.11	1.97	1.66	10.91
1.6- 2.0	3.11	2.13	2.04	4.10	3.00	1.94	16.31
2.1- 4.0	9.76	8.57	6.62	15.40	7.54	4.07	51.95
4.1- 8.0	0.21	1.01	4.14	8.96	1.10	0.40	15.82
8.1-15.0	0.0	0.0	0.0	0.23	0.0	0.0	0.23
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	14.93	13.67	14.29	33.35	14.58	9.20	100.00

WIND DIRECTION SECTOR 360 DEGREE ( 6.86 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.12	0.18	0.29	0.74	0.63	0.45	2.42
1.1- 1.5	0.52	0.55	0.62	1.47	1.07	0.72	4.95
1.6- 2.0	0.89	0.83	1.05	2.63	1.68	0.89	7.97
2.1- 4.0	2.96	6.36	7.36	16.65	10.36	6.05	49.74
4.1- 8.0	0.11	1.98	7.57	16.97	5.50	2.54	34.67
8.1-15.0	0.0	0.0	0.11	0.14	0.0	0.0	0.25
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	4.60	9.90	17.00	38.60	19.24	10.65	100.00

SUMMARY FOR ALL WIND DIRECTIONS  
1.12.1972 - 30.11.1982

IN PERCENT

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.0- 0.5	0.01	0.02	0.04	0.26	0.22	0.30	0.85
0.6- 1.0	0.12	0.15	0.22	0.65	0.47	0.57	2.17
1.1- 1.5	0.43	0.45	0.50	1.48	0.99	1.07	4.92
1.6- 2.0	0.79	0.72	0.76	1.94	1.59	1.70	7.49
2.1- 4.0	2.17	3.84	4.93	10.20	9.37	8.94	39.46
4.1- 8.0	0.09	2.11	8.12	20.25	6.26	4.38	41.21
8.1-15.0	0.0	0.02	0.61	3.24	0.01	0.00	3.88
15.1-30.0	0.0	0.0	0.00	0.01	0.0	0.0	0.01
SUMMATION	3.62	7.30	15.18	38.03	18.91	16.96	100.00

MEAN PRECIPITATION 0.0 MM/H

Table 4 continued

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION 0.02-0.5 MM/H 7.22 %

CALMS (<=0.5M/S) 0.71 %

WIND DIRECTION SECTOR 30 DEGREE ( 4.19 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.20	0.20	0.41	0.82	2.25	0.20	4.10
1.1- 1.5	0.20	0.0	1.43	3.69	1.84	1.23	8.40
1.6- 2.0	0.82	0.41	1.23	7.17	2.46	0.41	12.50
2.1- 4.0	0.41	1.64	5.53	30.33	10.86	5.94	54.71
4.1- 8.0	0.20	0.0	3.89	13.73	1.64	0.82	20.29
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	1.84	2.25	12.50	55.74	19.06	8.61	100.00

WIND DIRECTION SECTOR 60 DEGREE ( 5.72 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.15	0.15	0.60	1.05	1.05	0.60	3.60
1.1- 1.5	0.30	0.15	0.60	4.65	1.50	0.75	7.95
1.6- 2.0	0.30	0.45	2.10	5.55	2.10	0.60	11.09
2.1- 4.0	1.20	2.40	7.95	22.04	10.79	3.60	47.98
4.1- 8.0	0.15	1.65	7.05	17.84	2.25	0.45	29.39
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	2.10	4.80	18.29	51.12	17.69	6.00	100.00

WIND DIRECTION SECTOR 90 DEGREE ( 3.47 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.25	0.50	0.74	1.98	1.73	0.74	5.94
1.1- 1.5	0.74	0.0	1.49	6.68	4.95	3.22	17.08
1.6- 2.0	0.50	0.74	0.74	4.21	5.20	2.72	14.11
2.1- 4.0	1.73	1.24	2.97	12.62	14.60	8.66	41.83
4.1- 8.0	0.25	2.97	5.20	8.17	2.23	1.73	20.54
8.1-15.0	0.0	0.25	0.25	0.0	0.0	0.0	0.50
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	3.47	5.69	11.39	33.66	28.71	17.08	100.00

WIND DIRECTION SECTOR 120 DEGREE ( 3.33 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.26	0.0	2.84	0.52	1.03	4.64
1.1- 1.5	0.77	0.77	0.52	4.12	3.35	2.84	12.37
1.6- 2.0	0.0	0.26	0.52	3.09	3.35	5.15	12.37
2.1- 4.0	0.0	0.52	0.26	9.02	17.78	26.03	53.61
4.1- 8.0	0.0	0.0	0.26	2.32	5.93	8.51	17.01
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.77	1.80	1.55	21.39	30.93	43.56	100.00

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION 0.02-0.5 MM/H 7.22 %

CALMS (<=0.5M/S) 0.71 %

WIND DIRECTION SECTOR 150 DEGREE ( 3.31 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	3.37	2.07	0.78	6.22
1.1- 1.5	0.26	0.0	1.30	7.51	1.55	2.07	12.69
1.6- 2.0	0.0	0.26	0.78	5.44	5.18	3.63	15.28
2.1- 4.0	0.0	0.52	0.26	8.03	21.24	17.88	47.93
4.1- 8.0	0.0	0.0	0.0	1.55	9.07	6.74	17.36
8.1-15.0	0.0	0.0	0.52	0.0	0.0	0.0	0.52
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.26	0.78	2.85	25.91	39.12	31.09	100.00

WIND DIRECTION SECTOR 180 DEGREE ( 5.02 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.63	1.20	0.51	0.51	2.91
1.1- 1.5	0.0	0.51	0.85	2.39	1.54	1.54	6.84
1.6- 2.0	0.0	0.0	1.03	3.76	3.76	3.42	11.97
2.1- 4.0	0.0	0.51	1.54	15.56	21.03	15.38	54.02
4.1- 8.0	0.0	0.0	0.34	11.97	7.35	4.27	23.93
8.1-15.0	0.0	0.0	0.0	0.34	0.0	0.0	0.34
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	1.03	4.44	35.21	34.19	25.13	100.00

WIND DIRECTION SECTOR 210 DEGREE ( 30.46 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.06	0.06	0.25	0.14	0.08	0.59
1.1- 1.5	0.0	0.06	0.23	0.48	0.42	0.28	1.46
1.6- 2.0	0.03	0.08	0.17	0.87	0.54	0.37	2.06
2.1- 4.0	0.06	0.39	1.27	9.10	6.14	3.24	20.20
4.1- 8.0	0.06	0.14	2.39	44.59	8.90	3.49	59.58
8.1-15.0	0.0	0.0	1.30	14.73	0.06	0.0	16.08
15.1-30.0	0.0	0.0	0.03	0.0	0.0	0.0	0.03
SUMMATION	0.14	0.73	5.44	70.03	16.20	7.46	100.00

WIND DIRECTION SECTOR 240 DEGREE ( 27.16 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.09	0.13	0.06	0.13	0.41
1.1- 1.5	0.03	0.0	0.09	0.38	0.35	0.06	0.92
1.6- 2.0	0.0	0.03	0.13	0.79	0.38	0.22	1.55
2.1- 4.0	0.16	0.63	1.11	9.26	6.29	1.86	19.30
4.1- 8.0	0.0	0.09	3.19	48.31	5.40	0.98	57.98
8.1-15.0	0.0	0.0	1.45	18.29	0.06	0.0	19.81
15.1-30.0	0.0	0.0	0.0	0.03	0.0	0.0	0.03
SUMMATION	0.19	0.76	6.07	77.19	12.54	3.25	100.00

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION 0.02-0.5 MM/H 7.22 %

CALMS (<=0.5M/S) 0.71 %

WIND DIRECTION SECTOR 270 DEGREE ( 5.84 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.15	0.15	0.88	0.29	0.29	1.76
1.1- 1.5	0.15	0.15	0.29	2.06	0.59	0.44	3.67
1.6- 2.0	0.15	0.44	0.44	2.79	2.35	0.59	6.75
2.1- 4.0	1.47	0.73	2.94	18.80	9.54	2.64	36.12
4.1- 8.0	0.15	0.0	3.67	33.63	5.73	0.29	43.47
8.1-15.0	0.0	0.0	0.44	7.64	0.15	0.0	8.22
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	1.91	1.47	7.93	65.79	18.65	4.26	100.00

WIND DIRECTION SECTOR 300 DEGREE ( 2.21 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.39	0.0	2.33	0.78	0.78	4.26
1.1- 1.5	1.55	0.39	1.16	5.43	0.78	1.16	10.47
1.6- 2.0	1.16	0.78	1.55	6.59	3.49	2.33	15.89
2.1- 4.0	1.55	1.55	1.94	32.17	13.18	3.49	53.88
4.1- 8.0	0.0	0.0	1.16	12.40	0.78	0.0	14.34
8.1-15.0	0.0	0.0	0.0	1.16	0.0	0.0	1.16
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	4.26	3.10	5.81	60.08	18.99	7.75	100.00

WIND DIRECTION SECTOR 330 DEGREE ( 2.83 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.30	0.0	0.91	0.61	0.30	2.12
1.1- 1.5	0.30	0.0	0.61	7.27	1.82	0.91	10.91
1.6- 2.0	0.30	0.0	0.30	5.76	3.94	1.82	12.12
2.1- 4.0	3.03	1.82	2.12	32.73	7.88	3.64	51.21
4.1- 8.0	0.0	0.30	2.42	18.79	0.91	0.30	22.73
8.1-15.0	0.0	0.0	0.30	0.61	0.0	0.0	0.91
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	3.64	2.42	5.76	66.06	15.15	6.97	100.00

WIND DIRECTION SECTOR 360 DEGREE ( 5.73 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.15	1.05	1.50	0.45	3.14
1.1- 1.5	0.90	0.15	0.0	2.25	1.65	0.45	5.39
1.6- 2.0	0.15	0.30	0.90	3.89	1.80	0.45	7.49
2.1- 4.0	1.35	0.60	2.25	23.80	13.32	2.69	44.01
4.1- 8.0	0.0	0.0	2.99	31.29	4.19	0.60	39.07
8.1-15.0	0.0	0.0	0.0	0.90	0.0	0.0	0.90
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	2.40	1.05	6.29	63.17	22.46	4.64	100.00

SUMMARY FOR ALL WIND DIRECTIONS  
1.12.1972 - 30.11.1982

IN PERCENT

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.0- 0.5	0.0	0.0	0.05	0.28	0.26	0.12	0.71
0.6- 1.0	0.03	0.09	0.17	0.73	0.52	0.28	1.82
1.1- 1.5	0.20	0.10	0.40	1.98	1.00	0.65	4.33
1.6- 2.0	0.13	0.18	0.50	2.41	1.57	0.94	5.73
2.1- 4.0	0.49	0.76	1.97	13.70	9.35	4.97	31.25
4.1- 8.0	0.05	0.27	2.85	33.88	5.94	2.23	45.22
8.1-15.0	0.0	0.01	0.85	10.01	0.04	0.0	10.92
15.1-30.0	0.0	0.0	0.01	0.01	0.0	0.0	0.02
SUMMATION	0.89	1.42	6.81	63.01	18.67	9.20	100.00

MEAN PRECIPITATION 0.160 MM/H

Table 4 continued

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION 0.51-3.0 MM/H 3.42 %

CALMS (<=0.5M/S) 0.29 %

WIND DIRECTION SECTOR 30 DEGREE ( 3.34 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.54	3.26	1.09	1.09	5.98
1.1- 1.5	0.0	0.0	0.54	1.63	1.09	0.0	3.26
1.6- 2.0	0.0	0.0	0.54	5.98	1.63	0.0	8.15
2.1- 4.0	0.0	0.0	9.24	36.41	7.07	1.09	53.80
4.1- 8.0	0.0	0.0	2.17	24.46	0.54	0.54	27.72
8.1-15.0	0.0	0.0	0.0	1.09	0.0	0.0	1.09
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	13.04	72.83	11.41	2.72	100.00

WIND DIRECTION SECTOR 60 DEGREE ( 2.59 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	2.80	0.70	0.70	4.20
1.1- 1.5	0.0	0.0	0.70	4.90	2.10	0.0	7.69
1.6- 2.0	0.0	0.0	2.10	4.90	1.40	0.0	8.39
2.1- 4.0	0.0	0.70	7.69	28.67	5.59	2.10	44.76
4.1- 8.0	0.0	0.0	5.59	27.97	0.70	0.70	34.96
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.70	16.08	69.23	10.49	3.50	100.00

WIND DIRECTION SECTOR 90 DEGREE ( 2.21 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.82	0.0	0.82	1.64	3.28
1.1- 1.5	0.0	0.0	0.82	3.28	0.0	1.64	5.74
1.6- 2.0	0.0	0.0	0.82	5.74	6.56	2.46	15.57
2.1- 4.0	0.0	0.0	2.46	18.85	22.13	7.38	50.82
4.1- 8.0	0.0	0.0	1.64	12.30	7.38	3.28	24.59
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	6.56	40.16	36.89	16.39	100.00

WIND DIRECTION SECTOR 120 DEGREE ( 3.17 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.57	3.43	1.14	0.0	5.14
1.1- 1.5	0.0	0.0	0.57	4.00	2.86	1.71	9.14
1.6- 2.0	0.0	0.0	1.14	4.57	3.43	2.29	11.43
2.1- 4.0	0.0	0.0	1.71	13.14	22.29	16.00	53.14
4.1- 8.0	0.0	0.0	0.57	5.14	6.29	9.14	21.14
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	4.57	30.29	36.00	29.14	100.00

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION 0.51-3.0 MM/H 3.42 %

CALMS (<=0.5M/S) 0.29 %

WIND DIRECTION SECTOR 150 DEGREE ( 2.41 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	2.26	1.50	0.75	4.51
1.1- 1.5	0.0	0.0	0.75	2.26	1.50	0.75	5.26
1.6- 2.0	0.0	0.0	0.0	9.02	1.50	2.26	12.78
2.1- 4.0	0.0	0.0	0.75	21.05	21.05	6.02	48.87
4.1- 8.0	0.0	0.0	0.75	4.51	14.29	9.02	28.57
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	2.26	39.10	39.85	18.80	100.00

WIND DIRECTION SECTOR 180 DEGREE ( 4.68 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.39	0.78	0.39	0.0	1.55
1.1- 1.5	0.0	0.0	0.0	1.94	1.16	0.0	3.10
1.6- 2.0	0.0	0.0	0.0	1.94	3.10	1.55	6.59
2.1- 4.0	0.0	0.0	1.16	21.71	14.73	7.36	44.96
4.1- 8.0	0.0	0.0	0.78	31.78	8.14	2.33	43.02
8.1-15.0	0.0	0.0	0.0	0.39	0.39	0.0	0.78
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	2.33	58.53	27.91	11.24	100.00

WIND DIRECTION SECTOR 210 DEGREE ( 31.13 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.12	0.0	0.0	0.12
1.1- 1.5	0.0	0.0	0.0	0.47	0.17	0.06	0.70
1.6- 2.0	0.0	0.06	0.12	0.41	0.35	0.06	0.99
2.1- 4.0	0.0	0.0	0.52	8.44	4.37	1.05	14.39
4.1- 8.0	0.0	0.0	1.57	45.72	7.40	1.16	55.85
8.1-15.0	0.0	0.0	3.15	24.64	0.0	0.06	27.84
15.1-30.0	0.0	0.0	0.0	0.12	0.0	0.0	0.12
SUMMATION	0.0	0.06	5.36	79.91	12.29	2.39	100.00

WIND DIRECTION SECTOR 240 DEGREE ( 31.04 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.06	0.06	0.0	0.12
1.1- 1.5	0.0	0.0	0.12	0.18	0.23	0.06	0.58
1.6- 2.0	0.0	0.0	0.06	0.41	0.35	0.12	0.93
2.1- 4.0	0.0	0.0	0.47	9.17	3.97	0.53	14.14
4.1- 8.0	0.0	0.0	1.69	52.86	3.80	0.64	59.00
8.1-15.0	0.0	0.0	1.52	23.66	0.06	0.0	25.23
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	3.86	86.33	8.47	1.34	100.00

Table 4 continued



DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION 0.51-3.0 MM/H 3.42 %

CALMS (<=0.5M/S) 0.29 %

WIND DIRECTION SECTOR 270 DEGREE ( 7.67 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.24	0.71	0.0	0.24	1.18
1.1- 1.5	0.0	0.0	0.71	0.95	0.95	0.0	2.60
1.6- 2.0	0.0	0.0	0.47	3.07	1.42	0.47	5.44
2.1- 4.0	0.0	0.0	1.18	21.99	9.22	0.95	33.33
4.1- 8.0	0.0	0.0	0.95	38.77	3.55	1.18	44.44
8.1-15.0	0.0	0.0	1.18	11.35	0.24	0.0	12.77
15.1-30.0	0.0	0.0	0.0	0.24	0.0	0.0	0.24
SUMMATION	0.0	0.0	4.73	77.07	15.37	2.84	100.00

WIND DIRECTION SECTOR 300 DEGREE ( 3.26 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	1.11	1.11	0.0	2.22
1.1- 1.5	0.0	0.0	1.11	4.44	1.11	0.0	6.67
1.6- 2.0	0.0	0.0	1.11	6.11	2.22	0.0	9.44
2.1- 4.0	0.0	0.0	3.33	34.44	6.67	0.56	45.00
4.1- 8.0	0.0	0.0	2.78	27.22	2.78	0.0	32.78
8.1-15.0	0.0	0.0	0.0	3.89	0.0	0.0	3.89
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	8.33	77.22	13.89	0.56	100.00

WIND DIRECTION SECTOR 330 DEGREE ( 3.12 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.58	1.16	0.0	1.74
1.1- 1.5	0.0	0.0	0.58	5.23	2.33	0.0	8.14
1.6- 2.0	0.0	0.0	0.0	7.56	1.74	0.0	9.30
2.1- 4.0	0.0	0.0	2.33	37.21	6.40	2.33	48.26
4.1- 8.0	0.0	0.0	1.16	28.49	0.58	0.0	30.23
8.1-15.0	0.0	0.0	0.58	1.74	0.0	0.0	2.33
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	4.65	80.81	12.21	2.33	100.00

WIND DIRECTION SECTOR 360 DEGREE ( 5.09 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.36	0.36	0.0	0.71
1.1- 1.5	0.0	0.0	1.07	1.78	1.78	0.71	5.34
1.6- 2.0	0.0	0.0	1.07	3.20	1.42	0.71	6.41
2.1- 4.0	0.0	0.0	2.14	23.13	9.25	2.14	36.65
4.1- 8.0	0.0	0.0	2.49	40.93	1.78	0.71	45.91
8.1-15.0	0.0	0.0	0.36	4.63	0.0	0.0	4.98
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	7.12	74.02	14.59	4.27	100.00

Table 4 continued

SUMMARY FOR ALL WIND DIRECTIONS  
1.12.1972 - 30.11.1982

IN PERCENT

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.0- 0.5	0.0	0.0	0.02	0.16	0.09	0.02	0.29
0.6- 1.0	0.0	0.0	0.09	0.56	0.27	0.13	1.05
1.1- 1.5	0.0	0.0	0.29	1.20	0.67	0.18	2.34
1.6- 2.0	0.0	0.02	0.31	1.99	1.05	0.39	3.75
2.1- 4.0	0.0	0.02	1.38	14.94	6.96	2.01	25.31
4.1- 8.0	0.0	0.0	1.67	41.04	5.08	1.41	49.20
8.1-15.0	0.0	0.0	1.58	16.35	0.05	0.02	18.00
15.1-30.0	0.0	0.0	0.0	0.05	0.0	0.0	0.05
SUMMATION	0.0	0.04	5.33	76.31	14.18	4.15	100.00

MEAN PRECIPITATION 1.183 MM/H

Table 4 continued

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION > 3.0 MM/H 0.44 %

CALMS (<=0.5M/S) 0.28 %

WIND DIRECTION SECTOR 30 DEGREE ( 3.28 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	4.35	0.0	0.0	4.35
1.1- 1.5	0.0	0.0	0.0	4.35	4.35	0.0	8.70
1.6- 2.0	0.0	0.0	0.0	0.0	4.35	0.0	4.35
2.1- 4.0	0.0	0.0	0.0	39.13	8.70	0.0	47.83
4.1- 8.0	0.0	0.0	4.35	17.39	8.70	0.0	30.43
8.1-15.0	0.0	0.0	4.35	0.0	0.0	0.0	4.35
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	8.70	65.22	26.09	0.0	100.00

WIND DIRECTION SECTOR 60 DEGREE ( 1.99 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1- 1.5	0.0	7.14	0.0	0.0	14.29	7.14	28.57
1.6- 2.0	0.0	0.0	7.14	7.14	0.0	0.0	14.29
2.1- 4.0	0.0	7.14	0.0	7.14	0.0	0.0	14.29
4.1- 8.0	0.0	0.0	21.43	14.29	7.14	0.0	42.86
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	14.29	28.57	28.57	21.43	7.14	100.00

WIND DIRECTION SECTOR 90 DEGREE ( 2.71 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1- 1.5	0.0	0.0	0.0	5.26	0.0	0.0	5.26
1.6- 2.0	0.0	0.0	0.0	10.53	0.0	0.0	10.53
2.1- 4.0	0.0	0.0	0.0	26.32	0.0	0.0	26.32
4.1- 8.0	0.0	0.0	15.79	31.58	5.26	5.26	57.89
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	15.79	73.68	5.26	5.26	100.00

WIND DIRECTION SECTOR 120 DEGREE ( 1.14 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1- 1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6- 2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1- 4.0	0.0	0.0	12.50	25.00	12.50	0.0	50.00
4.1- 8.0	0.0	0.0	12.50	12.50	25.00	0.0	50.00
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	25.00	37.50	37.50	0.0	100.00

Table 4 continued

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION > 3.0 MM/H 0.44 %

CALMS (<=0.5M/S) 0.28 %

WIND DIRECTION SECTOR 150 DEGREE ( 1.42 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	10.00	0.0	10.00
1.1- 1.5	0.0	0.0	0.0	0.0	10.00	0.0	10.00
1.6- 2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1- 4.0	0.0	0.0	0.0	0.0	20.00	20.00	40.00
4.1- 8.0	0.0	0.0	10.00	10.00	20.00	0.0	40.00
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	10.00	10.00	60.00	20.00	100.00

WIND DIRECTION SECTOR 180 DEGREE ( 1.85 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1- 1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6- 2.0	0.0	0.0	0.0	0.0	15.38	0.0	15.38
2.1- 4.0	0.0	0.0	0.0	23.08	15.38	7.69	46.15
4.1- 8.0	0.0	0.0	0.0	23.08	0.0	7.69	30.77
8.1-15.0	0.0	7.69	0.0	0.0	0.0	0.0	7.69
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	7.69	0.0	46.15	30.77	15.38	100.00

WIND DIRECTION SECTOR 210 DEGREE ( 18.80 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.76	0.76	0.0	0.0	1.52
1.1- 1.5	0.0	0.0	0.0	0.0	0.0	0.76	0.76
1.6- 2.0	0.0	0.0	0.0	1.52	0.76	0.0	2.27
2.1- 4.0	0.0	0.0	0.76	10.61	1.52	0.76	13.64
4.1- 8.0	0.0	0.0	0.76	47.73	10.61	2.27	61.36
8.1-15.0	0.0	0.0	0.76	18.94	0.76	0.0	20.45
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	3.03	79.55	13.64	3.79	100.00

WIND DIRECTION SECTOR 240 DEGREE ( 32.91 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.43	0.0	0.43
1.1- 1.5	0.0	0.0	0.43	0.0	0.0	0.0	0.43
1.6- 2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1- 4.0	0.0	0.43	0.0	10.39	2.16	0.0	12.99
4.1- 8.0	0.0	0.43	2.16	59.31	3.46	0.0	65.37
8.1-15.0	0.0	0.0	1.30	19.48	0.0	0.0	20.78
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.87	3.50	89.18	6.06	0.0	100.00

Table 4 continued

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION > 3.0 MM/H 0.44 %

CALMS (<=0.5M/S) 0.28 %

WIND DIRECTION SECTOR 270 DEGREE ( 13.68 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	1.04	0.0	0.0	1.04
1.1- 1.5	0.0	0.0	0.0	0.0	0.0	1.04	1.04
1.6- 2.0	0.0	0.0	0.0	2.08	1.04	0.0	3.12
2.1- 4.0	0.0	0.0	1.04	14.58	3.13	0.0	18.75
4.1- 8.0	0.0	0.0	5.21	34.38	5.21	2.08	46.87
8.1-15.0	0.0	0.0	1.04	28.13	0.0	0.0	29.17
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	7.29	80.21	9.37	3.12	100.00

WIND DIRECTION SECTOR 300 DEGREE ( 6.55 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1- 1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6- 2.0	0.0	0.0	0.0	4.35	0.0	0.0	4.35
2.1- 4.0	0.0	0.0	2.17	13.04	6.52	4.35	26.09
4.1- 8.0	0.0	0.0	4.35	54.35	6.52	0.0	65.22
8.1-15.0	0.0	0.0	0.0	4.35	0.0	0.0	4.35
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	6.52	76.09	13.04	4.35	100.00

WIND DIRECTION SECTOR 330 DEGREE ( 6.55 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	2.17	0.0	0.0	2.17
1.1- 1.5	0.0	0.0	0.0	0.0	2.17	0.0	2.17
1.6- 2.0	0.0	0.0	2.17	4.35	4.35	2.17	13.04
2.1- 4.0	0.0	2.17	2.17	32.61	6.52	0.0	43.48
4.1- 8.0	0.0	0.0	0.0	36.96	0.0	0.0	36.96
8.1-15.0	0.0	0.0	0.0	2.17	0.0	0.0	2.17
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	2.17	4.35	78.26	13.04	2.17	100.00

WIND DIRECTION SECTOR 360 DEGREE ( 8.83 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1- 1.5	0.0	0.0	0.0	1.61	1.61	0.0	3.23
1.6- 2.0	0.0	0.0	1.61	0.0	0.0	1.61	3.23
2.1- 4.0	0.0	0.0	4.84	20.97	4.84	0.0	30.65
4.1- 8.0	0.0	0.0	6.45	54.84	1.61	0.0	62.90
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	12.90	77.42	8.06	1.61	100.00

SUMMARY FOR ALL WIND DIRECTIONS  
1.12.1972 - 30.11.1982

IN PERCENT

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.0- 0.5	0.0	0.0	0.0	0.14	0.14	0.0	0.28
0.6- 1.0	0.0	0.0	0.14	0.57	0.28	0.0	1.00
1.1- 1.5	0.0	0.14	0.14	0.43	0.85	0.43	1.99
1.6- 2.0	0.0	0.0	0.43	1.57	1.00	0.28	3.28
2.1- 4.0	0.0	0.43	1.14	15.10	3.70	0.85	21.23
4.1- 8.0	0.0	0.14	3.70	46.44	5.56	1.00	56.84
8.1-15.0	0.0	0.14	0.85	14.25	0.14	0.0	15.38
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.85	6.41	78.49	11.68	2.56	100.00

MEAN PRECIPITATION 5.823 MM/H

Table 4 continued

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION 0.0 MM/H 88.93 %

CALMS (<=0.5M/S) 0.85 %

WIND DIRECTION SECTOR 10 DEGREE ( 2.31 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.12	0.24	0.30	0.63	0.75	0.48	2.53
1.1- 1.5	0.60	0.51	0.48	1.63	1.33	0.75	5.31
1.6- 2.0	0.75	0.66	0.90	2.75	2.11	0.75	7.93
2.1- 4.0	1.99	5.19	7.75	17.62	11.64	7.54	51.73
4.1- 8.0	0.06	1.36	7.93	16.05	4.71	2.17	32.28
8.1-15.0	0.0	0.0	0.12	0.09	0.0	0.0	0.21
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	3.53	7.96	17.50	38.76	20.54	11.70	100.00

WIND DIRECTION SECTOR 20 DEGREE ( 2.20 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.13	0.22	0.22	0.95	0.63	0.38	2.54
1.1- 1.5	0.51	0.44	0.57	2.66	1.49	0.73	6.41
1.6- 2.0	1.08	1.17	0.98	3.90	2.66	1.30	11.10
2.1- 4.0	1.74	4.82	7.36	18.68	15.32	9.32	57.25
4.1- 8.0	0.03	0.63	5.52	10.82	3.49	2.00	22.49
8.1-15.0	0.0	0.0	0.06	0.16	0.0	0.0	0.22
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	3.49	7.29	14.72	37.17	23.60	13.73	100.00

WIND DIRECTION SECTOR 30 DEGREE ( 2.28 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.24	0.31	0.24	0.73	0.67	0.79	2.99
1.1- 1.5	0.85	0.40	0.92	1.98	1.71	1.13	6.99
1.6- 2.0	1.13	1.07	1.40	3.88	2.41	1.50	11.39
2.1- 4.0	1.95	5.25	8.43	18.81	14.20	11.42	60.06
4.1- 8.0	0.03	0.52	3.08	8.18	4.79	1.95	18.56
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	4.21	7.54	14.08	33.59	23.79	16.79	100.00

WIND DIRECTION SECTOR 40 DEGREE ( 2.58 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.03	0.19	0.27	0.84	0.76	0.59	2.67
1.1- 1.5	0.70	0.54	0.62	2.70	1.75	0.89	7.20
1.6- 2.0	0.84	0.78	1.27	3.32	2.80	1.73	10.73
2.1- 4.0	2.05	5.02	8.33	17.50	13.46	11.95	58.31
4.1- 8.0	0.0	0.84	5.18	9.84	3.43	1.51	20.79
8.1-15.0	0.0	0.0	0.08	0.22	0.0	0.0	0.30
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	3.61	7.36	15.75	34.41	22.20	16.67	100.00

Tab. 5: Four-parameter Statistics 10°-Sectors

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION 0.0 MM/H 88.93 %

CALMS (<=0.5M/S) 0.85 %

WIND DIRECTION SECTOR 50 DEGREE ( 4.41 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.06	0.06	0.11	0.46	0.46	0.35	1.50
1.1- 1.5	0.43	0.36	0.27	1.91	1.01	0.81	4.79
1.6- 2.0	0.73	0.52	0.90	1.96	2.04	1.03	7.18
2.1- 4.0	1.72	4.60	8.59	13.46	13.87	8.54	50.77
4.1- 8.0	0.03	1.42	8.67	16.26	5.11	3.65	35.14
8.1-15.0	0.0	0.02	0.38	0.22	0.0	0.0	0.62
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	2.97	6.99	18.91	34.27	22.49	14.37	100.00

WIND DIRECTION SECTOR 60 DEGREE ( 6.16 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.10	0.06	0.17	0.37	0.34	0.40	1.44
1.1- 1.5	0.26	0.37	0.37	1.05	0.81	0.57	3.44
1.6- 2.0	0.57	0.55	0.96	1.63	1.30	0.71	5.72
2.1- 4.0	1.94	6.10	9.61	12.37	11.65	4.71	46.39
4.1- 8.0	0.14	4.60	15.78	14.04	5.61	2.20	42.36
8.1-15.0	0.0	0.01	0.54	0.10	0.0	0.0	0.66
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	3.01	11.70	27.43	29.56	19.71	8.59	100.00

WIND DIRECTION SECTOR 70 DEGREE ( 5.31 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.10	0.20	0.18	0.37	0.50	0.39	1.74
1.1- 1.5	0.21	0.47	0.46	1.25	1.02	0.75	4.16
1.6- 2.0	0.73	0.77	0.71	1.80	1.43	1.08	6.52
2.1- 4.0	2.45	6.35	6.79	9.49	10.50	3.83	39.41
4.1- 8.0	0.31	9.27	16.28	13.09	6.98	1.40	47.33
8.1-15.0	0.0	0.16	0.42	0.26	0.0	0.0	0.84
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	3.82	17.22	24.85	26.25	20.43	7.45	100.00

WIND DIRECTION SECTOR 80 DEGREE ( 3.18 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.07	0.13	0.20	0.77	0.64	0.68	2.48
1.1- 1.5	0.53	0.53	0.37	1.75	1.25	1.23	5.66
1.6- 2.0	0.83	1.03	0.77	1.67	2.06	1.45	7.81
2.1- 4.0	3.60	6.95	5.94	9.21	12.31	5.83	43.85
4.1- 8.0	0.68	11.25	12.33	9.30	5.53	0.77	39.86
8.1-15.0	0.0	0.13	0.09	0.13	0.0	0.0	0.35
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	5.70	20.03	19.70	22.83	21.78	9.56	100.00

Table 5 continued



DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION 0.0 MM/H 88.93 %

CALMS (<=0.5M/S) 0.85 %

WIND DIRECTION SECTOR 90 DEGREE ( 2.18 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.32	0.29	0.26	0.86	0.99	0.86	3.59
1.1- 1.5	0.77	0.99	1.15	2.53	1.89	1.86	9.19
1.6- 2.0	0.83	1.09	0.86	2.72	2.31	2.63	10.44
2.1- 4.0	2.85	5.83	5.12	7.46	13.45	10.09	44.80
4.1- 8.0	0.32	7.11	9.09	7.62	6.24	1.54	31.92
8.1-15.0	0.0	0.0	0.06	0.0	0.0	0.0	0.06
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	5.09	15.31	16.55	21.20	24.88	16.97	100.00

WIND DIRECTION SECTOR 100 DEGREE ( 1.77 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.24	0.08	0.28	1.22	0.51	1.34	3.66
1.1- 1.5	0.75	1.10	0.94	2.83	1.34	2.64	9.60
1.6- 2.0	1.06	0.79	0.87	2.28	3.07	3.78	11.85
2.1- 4.0	2.13	3.78	4.33	8.19	13.03	19.44	50.89
4.1- 8.0	0.20	2.99	5.43	6.14	5.12	4.13	24.01
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	4.37	8.74	11.85	20.66	23.06	31.33	100.00

WIND DIRECTION SECTOR 110 DEGREE ( 1.48 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.14	0.14	0.33	1.41	0.90	1.13	4.05
1.1- 1.5	0.47	0.99	0.94	3.11	1.93	1.84	9.28
1.6- 2.0	0.90	1.27	0.85	2.97	2.54	5.56	14.09
2.1- 4.0	1.41	2.40	3.20	4.95	10.98	29.74	52.69
4.1- 8.0	0.05	1.18	2.21	1.74	4.05	10.65	19.89
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	2.97	5.98	7.54	14.18	20.41	48.92	100.00

WIND DIRECTION SECTOR 120 DEGREE ( 1.18 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.47	0.30	0.35	1.77	1.18	1.36	5.44
1.1- 1.5	0.59	1.06	0.89	3.37	2.01	3.43	11.35
1.6- 2.0	0.53	0.71	1.54	3.73	3.19	6.45	16.14
2.1- 4.0	1.06	1.36	1.95	4.44	10.59	33.23	52.63
4.1- 8.0	0.0	0.12	0.77	0.83	2.78	9.93	14.43
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	2.66	3.55	5.50	14.13	19.75	54.41	100.00

Table 5 continued

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION 0.0 MM/H 88.93 %

CALMS (<=0.5M/S) 0.85 %

WIND DIRECTION SECTOR 130 DEGREE ( 1.10 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.13	0.38	0.57	2.46	0.95	1.26	5.75
1.1- 1.5	0.63	0.76	0.88	3.92	2.34	3.54	12.07
1.6- 2.0	0.51	0.38	0.76	4.17	4.11	6.44	16.36
2.1- 4.0	0.82	0.88	1.33	4.61	10.93	30.89	49.46
4.1- 8.0	0.0	0.0	0.57	0.88	3.47	11.43	16.36
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	2.08	2.40	4.11	16.05	21.79	53.57	100.00

WIND DIRECTION SECTOR 140 DEGREE ( 1.14 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.18	0.12	0.61	1.96	1.23	1.72	5.83
1.1- 1.5	0.61	0.31	1.47	3.68	2.58	3.19	11.84
1.6- 2.0	0.55	0.55	0.43	2.64	3.99	5.71	13.87
2.1- 4.0	0.55	0.55	1.04	4.54	14.23	28.40	49.33
4.1- 8.0	0.0	0.0	0.43	0.55	3.44	14.72	19.14
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	1.90	1.53	3.99	13.37	25.46	53.74	100.00

WIND DIRECTION SECTOR 150 DEGREE ( 1.02 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.27	0.27	1.16	1.37	1.37	1.78	6.23
1.1- 1.5	0.41	0.41	0.89	3.70	2.74	4.79	12.94
1.6- 2.0	0.48	0.41	0.62	2.87	3.42	6.78	14.58
2.1- 4.0	0.41	0.55	0.68	5.61	13.89	30.66	51.81
4.1- 8.0	0.0	0.0	0.14	0.55	2.74	11.02	14.44
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	1.57	1.64	3.49	14.10	24.16	55.03	100.00

WIND DIRECTION SECTOR 160 DEGREE ( 0.94 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.15	0.59	0.52	1.78	1.34	2.00	6.38
1.1- 1.5	0.59	0.59	1.41	3.71	2.23	4.45	12.99
1.6- 2.0	0.52	0.67	1.56	3.04	4.23	8.39	18.41
2.1- 4.0	0.37	0.37	0.89	6.09	14.55	30.44	52.71
4.1- 8.0	0.0	0.0	0.0	1.11	2.97	5.42	9.50
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	1.63	2.23	4.38	15.74	25.32	50.71	100.00

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION 0.0 MM/H 88.93 %

CALMS (<=0.5M/S) 0.85 %

WIND DIRECTION SECTOR 170 DEGREE ( 0.98 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.28	0.35	0.78	2.48	0.92	1.98	6.80
1.1- 1.5	0.71	0.35	0.50	3.90	3.12	4.25	12.83
1.6- 2.0	0.57	0.71	1.28	3.90	4.32	8.08	18.85
2.1- 4.0	0.43	0.50	0.92	7.37	16.94	28.77	54.93
4.1- 8.0	0.0	0.0	0.0	1.20	2.34	3.05	6.59
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	1.98	1.91	3.47	18.85	27.64	46.14	100.00

WIND DIRECTION SECTOR 180 DEGREE ( 1.18 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.24	0.18	0.35	2.07	1.12	1.71	5.67
1.1- 1.5	0.41	0.65	1.24	2.83	1.83	4.01	10.98
1.6- 2.0	0.30	0.59	0.83	3.72	4.01	7.44	16.88
2.1- 4.0	0.41	0.41	1.89	9.80	16.77	28.87	58.15
4.1- 8.0	0.0	0.06	0.18	1.24	2.83	4.01	8.32
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	1.36	1.89	4.49	19.66	26.56	46.04	100.00

WIND DIRECTION SECTOR 190 DEGREE ( 1.64 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.26	0.26	0.34	0.98	0.64	0.89	3.36
1.1- 1.5	0.51	0.72	0.77	2.30	1.49	2.00	7.78
1.6- 2.0	0.81	0.51	0.94	3.32	2.47	4.13	12.17
2.1- 4.0	0.26	0.89	2.38	12.08	15.99	24.29	55.89
4.1- 8.0	0.0	0.04	0.55	5.02	5.61	9.53	20.76
8.1-15.0	0.0	0.0	0.0	0.04	0.0	0.0	0.04
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	1.83	2.42	4.98	23.73	26.20	40.83	100.00

WIND DIRECTION SECTOR 200 DEGREE ( 2.68 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.13	0.08	0.39	0.65	0.34	0.70	2.29
1.1- 1.5	0.26	0.31	0.36	1.66	0.73	1.66	4.99
1.6- 2.0	0.16	0.47	0.73	2.70	1.56	2.36	7.97
2.1- 4.0	0.44	1.48	3.45	11.74	13.35	18.33	48.79
4.1- 8.0	0.0	0.18	2.16	11.89	8.60	12.31	35.13
8.1-15.0	0.0	0.0	0.31	0.47	0.05	0.0	0.83
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.99	2.52	7.40	29.11	24.62	35.37	100.00

Table 5 continued

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION 0.0 MM/H 88.93 %

CALMS (<=0.5M/S) 0.85 %

WIND DIRECTION SECTOR 210 DEGREE ( 5.86 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.05	0.07	0.06	0.26	0.18	0.31	0.93
1.1- 1.5	0.15	0.23	0.23	0.68	0.55	0.65	2.49
1.6- 2.0	0.30	0.35	0.45	1.18	0.64	1.15	4.07
2.1- 4.0	0.63	1.90	3.99	10.32	9.39	10.08	36.30
4.1- 8.0	0.01	0.59	5.10	21.30	12.52	13.36	52.89
8.1-15.0	0.0	0.0	0.52	2.69	0.05	0.0	3.26
15.1-30.0	0.0	0.0	0.05	0.02	0.0	0.0	0.07
SUMMATION	1.14	3.14	10.40	36.44	23.32	25.56	100.00

WIND DIRECTION SECTOR 220 DEGREE ( 11.87 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.02	0.03	0.02	0.19	0.06	0.15	0.48
1.1- 1.5	0.12	0.06	0.14	0.31	0.20	0.24	1.07
1.6- 2.0	0.20	0.22	0.25	0.63	0.38	0.52	2.20
2.1- 4.0	0.51	1.85	2.91	6.89	5.14	5.17	22.46
4.1- 8.0	0.04	0.88	8.63	37.33	11.95	7.82	66.64
8.1-15.0	0.0	0.0	1.23	5.87	0.02	0.01	7.14
15.1-30.0	0.0	0.0	0.0	0.02	0.0	0.0	0.02
SUMMATION	0.89	3.05	13.18	51.22	17.75	13.91	100.00

WIND DIRECTION SECTOR 230 DEGREE ( 10.10 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.02	0.05	0.10	0.16	0.07	0.12	0.51
1.1- 1.5	0.08	0.09	0.10	0.29	0.25	0.33	1.14
1.6- 2.0	0.26	0.23	0.28	0.50	0.37	0.59	2.23
2.1- 4.0	0.77	2.13	2.99	6.68	4.99	4.61	22.17
4.1- 8.0	0.03	1.25	10.54	40.86	7.10	3.37	63.16
8.1-15.0	0.0	0.01	1.23	9.50	0.03	0.0	10.77
15.1-30.0	0.0	0.0	0.0	0.02	0.0	0.0	0.02
SUMMATION	1.17	3.77	15.23	58.01	12.81	9.02	100.00

WIND DIRECTION SECTOR 240 DEGREE ( 5.47 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.09	0.11	0.09	0.29	0.28	0.31	1.17
1.1- 1.5	0.18	0.17	0.28	0.52	0.48	0.64	2.27
1.6- 2.0	0.45	0.47	0.37	0.97	0.83	0.97	4.05
2.1- 4.0	1.62	2.86	3.61	7.62	5.99	4.45	26.14
4.1- 8.0	0.05	1.43	10.33	36.37	4.65	1.44	54.26
8.1-15.0	0.0	0.0	1.70	10.39	0.0	0.0	12.08
15.1-30.0	0.0	0.0	0.01	0.0	0.0	0.0	0.01
SUMMATION	2.38	5.04	16.38	56.16	12.24	7.80	100.00

Table 5 continued

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION 0.0 MM/H 88.93 %

CALMS (<=0.5M/S) 0.85 %

WIND DIRECTION SECTOR 250 DEGREE ( 4.09 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.07	0.09	0.26	0.39	0.22	0.46	1.48
1.1- 1.5	0.26	0.29	0.32	0.75	0.37	0.61	2.61
1.6- 2.0	0.54	0.58	0.49	1.28	0.73	1.04	4.67
2.1- 4.0	2.45	3.44	3.98	8.29	5.94	3.93	28.04
4.1- 8.0	0.14	1.16	11.20	33.48	5.06	1.02	52.05
8.1-15.0	0.0	0.0	1.69	9.38	0.03	0.0	11.10
15.1-30.0	0.0	0.0	0.0	0.05	0.0	0.0	0.05
SUMMATION	3.46	5.55	17.95	53.62	12.36	7.07	100.00

WIND DIRECTION SECTOR 260 DEGREE ( 2.74 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.10	0.10	0.25	0.64	0.28	0.46	1.83
1.1- 1.5	0.41	0.51	0.41	1.07	0.92	0.92	4.22
1.6- 2.0	0.99	0.74	0.81	1.04	1.09	1.22	5.90
2.1- 4.0	3.41	4.58	4.27	8.57	6.13	4.22	31.19
4.1- 8.0	0.03	1.12	11.96	27.07	5.44	1.50	47.11
8.1-15.0	0.0	0.0	1.25	8.39	0.08	0.0	9.72
15.1-30.0	0.0	0.0	0.0	0.03	0.0	0.0	0.03
SUMMATION	4.94	7.05	18.95	46.81	13.94	8.32	100.00

WIND DIRECTION SECTOR 270 DEGREE ( 1.88 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.19	0.33	0.19	0.56	0.41	0.70	2.37
1.1- 1.5	0.85	0.74	0.48	1.70	1.07	1.07	5.93
1.6- 2.0	1.74	1.33	0.70	2.00	2.04	1.48	9.30
2.1- 4.0	4.70	5.52	5.04	10.30	6.48	3.74	35.78
4.1- 8.0	0.04	1.19	8.93	23.26	4.63	1.41	39.44
8.1-15.0	0.0	0.0	0.81	6.30	0.04	0.0	7.15
15.1-30.0	0.0	0.0	0.0	0.04	0.0	0.0	0.04
SUMMATION	7.52	9.11	16.15	44.15	14.67	8.41	100.00

WIND DIRECTION SECTOR 280 DEGREE ( 1.27 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.38	0.33	0.22	1.20	0.82	1.20	4.16
1.1- 1.5	1.20	0.93	0.82	2.63	1.37	1.37	8.32
1.6- 2.0	3.12	1.81	1.15	2.57	2.08	1.97	12.69
2.1- 4.0	6.73	4.92	5.63	13.07	7.33	4.21	41.90
4.1- 8.0	0.05	1.09	7.77	16.25	2.68	1.53	29.38
8.1-15.0	0.0	0.0	0.22	3.34	0.0	0.0	3.56
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	11.49	9.08	15.81	39.06	14.28	10.28	100.00

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION 0.0 MM/H 88.93 %

CALMS (<=0.5M/S) 0.85 %

WIND DIRECTION SECTOR 290 DEGREE ( 0.93 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.15	0.37	0.97	1.35	1.42	1.65	5.92
1.1- 1.5	1.65	1.35	1.20	2.17	1.20	1.27	8.84
1.6- 2.0	4.04	2.92	2.10	4.04	2.62	1.95	17.68
2.1- 4.0	10.64	7.34	6.29	12.06	6.59	3.22	46.14
4.1- 8.0	0.0	0.75	6.44	11.54	1.27	0.52	20.52
8.1-15.0	0.0	0.0	0.0	0.90	0.0	0.0	0.90
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	16.48	12.73	17.00	32.06	13.11	8.61	100.00

WIND DIRECTION SECTOR 300 DEGREE ( 0.83 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.42	0.34	0.34	1.76	1.26	1.01	5.11
1.1- 1.5	2.35	1.51	2.01	3.10	2.10	2.18	13.24
1.6- 2.0	4.53	3.44	1.84	4.36	3.02	1.42	18.61
2.1- 4.0	10.56	7.46	5.36	13.66	6.54	4.19	47.78
4.1- 8.0	0.17	0.25	4.02	8.72	1.01	0.67	14.84
8.1-15.0	0.0	0.0	0.0	0.42	0.0	0.0	0.42
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	18.02	12.99	13.58	32.02	13.91	9.47	100.00

WIND DIRECTION SECTOR 310 DEGREE ( 0.86 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.40	0.40	0.81	1.05	1.21	1.21	5.09
1.1- 1.5	1.86	1.78	2.02	3.88	2.18	2.18	13.90
1.6- 2.0	4.85	3.40	1.94	4.37	3.40	1.62	19.56
2.1- 4.0	11.88	6.87	5.42	15.20	6.95	3.40	49.72
4.1- 8.0	0.0	0.40	2.34	7.60	0.81	0.40	11.56
8.1-15.0	0.0	0.0	0.0	0.16	0.0	0.0	0.16
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	19.00	12.85	12.53	32.26	14.55	8.81	100.00

WIND DIRECTION SECTOR 320 DEGREE ( 0.88 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.24	0.24	0.72	1.67	1.04	1.43	5.33
1.1- 1.5	1.75	1.59	1.04	2.79	2.71	2.23	12.10
1.6- 2.0	4.06	2.63	1.91	4.30	4.38	2.63	19.90
2.1- 4.0	11.86	8.52	5.49	15.21	6.29	3.58	50.96
4.1- 8.0	0.0	0.72	2.39	6.53	1.19	0.48	11.31
8.1-15.0	0.0	0.0	0.0	0.40	0.0	0.0	0.40
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	17.91	13.69	11.54	30.89	15.61	10.35	100.00

Table 5 continued

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION 0.0 MM/H 88.93 %

CALMS (<=0.5M/S) 0.85 %

WIND DIRECTION SECTOR 330 DEGREE ( 0.90 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.31	0.39	0.15	2.31	0.85	1.08	5.09
1.1- 1.5	1.62	2.08	1.23	3.86	1.77	1.85	12.42
1.6- 2.0	3.47	2.55	2.24	4.01	2.55	1.54	16.36
2.1- 4.0	9.49	7.02	7.18	16.36	8.18	4.94	53.16
4.1- 8.0	0.15	0.69	3.01	8.10	0.69	0.23	12.89
8.1-15.0	0.0	0.0	0.0	0.08	0.0	0.0	0.08
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	15.05	12.73	13.81	34.72	14.04	9.65	100.00

WIND DIRECTION SECTOR 340 DEGREE ( 1.20 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.46	0.52	0.29	0.87	1.05	0.93	4.13
1.1- 1.5	1.22	1.16	1.05	2.79	1.57	1.10	8.89
1.6- 2.0	2.15	1.45	1.98	4.01	2.32	1.74	13.65
2.1- 4.0	8.43	9.76	7.03	14.82	7.96	3.78	51.77
4.1- 8.0	0.41	1.45	6.28	11.39	1.34	0.46	21.32
8.1-15.0	0.0	0.0	0.0	0.23	0.0	0.0	0.23
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	12.67	14.35	16.62	34.11	14.24	8.02	100.00

WIND DIRECTION SECTOR 350 DEGREE ( 1.96 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.18	0.18	0.18	0.85	0.78	0.46	2.63
1.1- 1.5	0.46	0.71	0.53	1.78	0.92	0.75	5.15
1.6- 2.0	1.31	1.24	1.38	3.02	1.38	1.17	9.52
2.1- 4.0	4.47	8.03	7.63	16.30	9.66	6.25	52.34
4.1- 8.0	0.18	2.88	6.85	14.91	3.34	1.95	30.11
8.1-15.0	0.0	0.0	0.11	0.14	0.0	0.0	0.25
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	6.61	13.03	16.69	37.00	16.09	10.58	100.00

WIND DIRECTION SECTOR 360 DEGREE ( 2.59 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.08	0.13	0.38	0.75	0.40	0.40	2.15
1.1- 1.5	0.48	0.46	0.81	1.10	0.94	0.67	4.47
1.6- 2.0	0.70	0.67	0.92	2.23	1.51	0.81	6.84
2.1- 4.0	2.66	6.14	6.81	16.04	9.74	4.58	45.98
4.1- 8.0	0.11	1.86	7.78	19.35	7.86	3.31	40.27
8.1-15.0	0.0	0.0	0.11	0.19	0.0	0.0	0.30
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	4.04	9.26	16.80	39.68	20.46	9.77	100.00

Table 5 continued

SUMMARY FOR ALL WIND DIRECTIONS  
1.12.1972 - 30.11.1982

IN PERCENT

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.0- 0.5	0.01	0.02	0.04	0.26	0.22	0.30	0.85
0.6- 1.0	0.12	0.15	0.22	0.65	0.47	0.57	2.17
1.1- 1.5	0.43	0.45	0.50	1.48	0.99	1.07	4.92
1.6- 2.0	0.79	0.72	0.76	1.94	1.59	1.70	7.49
2.1- 4.0	2.17	3.84	4.93	10.20	9.37	8.94	39.46
4.1- 8.0	0.09	2.11	8.12	20.25	6.26	4.38	41.21
8.1-15.0	0.0	0.02	0.61	3.24	0.01	0.00	3.88
15.1-30.0	0.0	0.0	0.00	0.01	0.0	0.0	0.01
SUMMATION	3.62	7.30	15.18	38.03	18.91	16.96	100.00

MEAN PRECIPITATION 0.0 MM/H

Table 5 continued



DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION 0.02-0.5 MM/H 7.22 %

CALMS (<=0.5M/S) 0.71 %

WIND DIRECTION SECTOR 10 DEGREE ( 1.52 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	1.13	1.69	0.56	3.39
1.1- 1.5	1.13	0.0	0.0	3.39	2.26	0.56	7.34
1.6- 2.0	0.0	0.0	0.0	5.65	1.69	0.0	7.34
2.1- 4.0	0.56	1.13	3.95	23.73	10.17	4.52	44.07
4.1- 8.0	0.0	0.0	5.08	26.55	3.39	0.56	35.59
8.1-15.0	0.0	0.0	0.0	2.26	0.0	0.0	2.26
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	1.69	1.13	9.04	62.71	19.21	6.21	100.00

WIND DIRECTION SECTOR 20 DEGREE ( 1.39 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.62	0.62	0.62	0.0	1.85
1.1- 1.5	0.0	0.0	1.23	4.94	1.85	1.23	9.26
1.6- 2.0	1.23	0.0	0.0	7.41	1.85	0.0	10.49
2.1- 4.0	0.62	1.23	4.32	33.95	15.43	4.32	59.88
4.1- 8.0	0.0	0.0	4.94	12.35	0.62	0.62	18.52
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	1.85	1.23	11.11	59.26	20.37	6.17	100.00

WIND DIRECTION SECTOR 30 DEGREE ( 1.36 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.63	0.0	1.27	2.53	0.0	4.43
1.1- 1.5	0.0	0.0	1.90	3.16	2.53	1.27	8.86
1.6- 2.0	0.63	1.27	2.53	6.96	1.27	0.63	13.29
2.1- 4.0	0.0	1.90	5.06	33.54	5.06	5.70	51.27
4.1- 8.0	0.63	0.0	1.90	15.19	3.80	0.63	22.15
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	1.27	3.80	11.39	60.13	15.19	8.23	100.00

WIND DIRECTION SECTOR 40 DEGREE ( 1.44 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.60	0.0	0.60	0.60	3.57	0.60	5.95
1.1- 1.5	0.60	0.0	1.19	2.98	1.19	1.19	7.14
1.6- 2.0	0.60	0.0	1.19	7.14	4.17	0.60	13.69
2.1- 4.0	0.60	1.79	7.14	23.81	11.90	7.74	52.98
4.1- 8.0	0.0	0.0	4.76	13.69	0.60	1.19	20.24
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	2.38	1.79	14.88	48.21	21.43	11.31	100.00

Table 5 continued

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION 0.02-0.5 MM/H 7.22 %

CALMS (<=0.5M/S) 0.71 %

WIND DIRECTION SECTOR 50 DEGREE ( 1.78 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.97	0.0	0.48	0.48	1.93
1.1- 1.5	0.48	0.0	0.97	4.83	0.97	0.97	8.21
1.6- 2.0	0.48	0.48	0.48	6.76	2.42	0.48	11.11
2.1- 4.0	1.45	0.97	7.73	28.99	11.11	4.35	54.59
4.1- 8.0	0.0	0.0	2.42	19.32	1.93	0.48	24.15
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	2.42	1.45	12.56	59.90	16.91	6.76	100.00

WIND DIRECTION SECTOR 60 DEGREE ( 2.07 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.41	0.0	1.66	1.66	0.41	4.15
1.1- 1.5	0.41	0.0	0.41	4.56	2.07	0.41	7.88
1.6- 2.0	0.41	0.83	2.90	3.32	2.07	0.0	9.54
2.1- 4.0	0.41	1.66	9.54	22.41	15.35	4.15	53.53
4.1- 8.0	0.0	1.66	7.47	12.86	2.07	0.83	24.90
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	1.24	4.56	20.33	44.81	23.24	5.81	100.00

WIND DIRECTION SECTOR 70 DEGREE ( 1.88 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.46	0.0	0.91	1.37	0.91	0.91	4.57
1.1- 1.5	0.0	0.46	0.46	4.57	1.37	0.91	7.76
1.6- 2.0	0.0	0.0	2.74	6.85	1.83	1.37	12.79
2.1- 4.0	1.83	4.57	6.39	15.07	5.48	2.28	35.62
4.1- 8.0	0.46	3.20	10.96	21.92	2.74	0.0	39.27
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	2.74	8.22	21.46	49.77	12.33	5.48	100.00

WIND DIRECTION SECTOR 80 DEGREE ( 1.12 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.76	3.05	1.53	0.0	5.34
1.1- 1.5	0.76	0.0	0.76	5.34	1.53	2.29	10.69
1.6- 2.0	0.76	1.53	0.0	5.34	5.34	1.53	14.50
2.1- 4.0	0.76	0.76	4.58	17.56	11.45	4.58	39.69
4.1- 8.0	0.76	6.11	9.16	10.69	1.53	0.76	29.01
8.1-15.0	0.0	0.76	0.0	0.0	0.0	0.0	0.76
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	3.05	9.16	15.27	41.98	21.37	9.16	100.00

Table 5 continued

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION 0.02-0.5 MM/H 7.22 %

CALMS (<=0.5M/S) 0.71 %

WIND DIRECTION SECTOR 90 DEGREE ( 1.22 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.70	2.11	1.41	1.41	5.63
1.1- 1.5	1.41	0.0	2.11	7.75	8.45	4.93	24.65
1.6- 2.0	0.0	0.70	0.70	4.93	8.45	3.52	18.31
2.1- 4.0	0.70	2.82	0.70	7.04	11.27	5.63	28.17
4.1- 8.0	0.0	2.82	4.93	9.86	4.23	1.41	23.24
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	2.11	6.34	9.15	31.69	33.80	16.90	100.00

WIND DIRECTION SECTOR 100 DEGREE ( 1.12 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.76	1.53	0.76	0.76	2.29	0.76	6.87
1.1- 1.5	0.0	0.0	1.53	6.87	4.58	2.29	15.27
1.6- 2.0	0.76	0.0	1.53	2.29	1.53	3.05	9.16
2.1- 4.0	3.82	0.0	3.82	13.74	21.37	16.03	58.78
4.1- 8.0	0.0	0.0	1.53	3.82	0.76	3.05	9.16
8.1-15.0	0.0	0.0	0.76	0.0	0.0	0.0	0.76
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	5.34	1.53	9.92	27.48	30.53	25.19	100.00

WIND DIRECTION SECTOR 110 DEGREE ( 0.92 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	1.87	0.93	0.93	3.74
1.1- 1.5	0.93	0.93	0.93	7.48	4.67	3.74	18.69
1.6- 2.0	0.0	0.93	0.0	3.74	1.87	2.80	9.35
2.1- 4.0	0.0	1.87	0.0	10.28	11.21	30.84	54.21
4.1- 8.0	0.0	0.0	0.0	4.67	4.67	4.67	14.02
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.93	3.74	0.93	28.04	23.36	42.99	100.00

WIND DIRECTION SECTOR 120 DEGREE ( 1.21 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.71	0.0	3.55	0.0	0.71	4.96
1.1- 1.5	0.71	0.0	0.71	2.13	2.84	2.84	9.22
1.6- 2.0	0.0	0.0	1.42	1.42	4.26	6.38	13.48
2.1- 4.0	0.0	0.0	0.71	9.22	21.28	24.82	56.03
4.1- 8.0	0.0	0.0	0.0	0.71	3.55	12.06	16.31
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.71	0.71	2.84	17.02	31.91	46.81	100.00

Table 5 continued

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION 0.02-0.5 MM/H 7.22 %

CALMS (<=0.5M/S) 0.71 %

WIND DIRECTION SECTOR 130 DEGREE ( 1.20 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	2.86	0.71	1.43	5.00
1.1- 1.5	0.71	1.43	0.0	3.57	2.86	2.14	10.71
1.6- 2.0	0.0	0.0	0.0	4.29	3.57	5.71	13.57
2.1- 4.0	0.0	0.0	0.0	7.86	19.29	23.57	50.71
4.1- 8.0	0.0	0.0	0.71	2.14	5.29	7.86	20.00
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.71	1.43	0.71	20.71	35.71	40.71	100.00

WIND DIRECTION SECTOR 140 DEGREE ( 1.30 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	4.64	1.32	0.0	5.96
1.1- 1.5	0.0	0.0	0.66	6.62	1.32	1.99	10.60
1.6- 2.0	0.0	0.0	1.32	7.28	5.30	3.97	17.88
2.1- 4.0	0.0	0.0	0.0	7.95	19.21	17.22	44.37
4.1- 8.0	0.0	0.0	0.0	1.32	11.26	8.61	21.19
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	1.99	27.81	38.41	31.79	100.00

WIND DIRECTION SECTOR 150 DEGREE ( 1.07 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	4.00	1.60	2.40	8.00
1.1- 1.5	0.0	0.0	1.60	8.80	0.80	0.80	12.00
1.6- 2.0	0.0	0.80	0.80	4.80	4.80	4.00	15.20
2.1- 4.0	0.0	0.0	0.0	6.40	20.00	20.00	46.40
4.1- 8.0	0.0	0.0	0.0	2.40	6.40	8.00	16.80
8.1-15.0	0.0	0.0	1.60	0.0	0.0	0.0	1.60
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.80	4.00	26.40	33.60	35.20	100.00

WIND DIRECTION SECTOR 160 DEGREE ( 0.94 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.91	3.64	0.0	4.55
1.1- 1.5	0.91	0.0	1.82	7.27	2.73	3.64	16.36
1.6- 2.0	0.0	0.0	0.0	3.64	5.45	2.73	11.82
2.1- 4.0	0.0	1.82	0.91	10.00	25.45	16.36	54.55
4.1- 8.0	0.0	0.0	0.0	0.91	9.09	2.73	12.73
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.91	1.82	2.73	22.73	46.36	25.45	100.00

Table 5 continued

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION 0.02-0.5 MM/H 7.22 %

CALMS (<=0.5M/S) 0.71 %

WIND DIRECTION SECTOR 170 DEGREE ( 1.18 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	2.19	0.73	2.19	0.73	5.84
1.1- 1.5	0.0	1.46	0.0	3.65	3.65	3.65	12.41
1.6- 2.0	0.0	0.0	0.73	6.57	3.65	7.30	18.25
2.1- 4.0	0.0	0.0	2.19	8.03	23.36	16.06	49.63
4.1- 8.0	0.0	0.0	0.0	5.11	4.38	4.38	13.87
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	1.46	5.11	24.09	37.23	32.12	100.00

WIND DIRECTION SECTOR 180 DEGREE ( 1.62 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.53	2.12	0.0	1.06	3.70
1.1- 1.5	0.0	0.53	1.06	3.17	0.53	0.0	5.29
1.6- 2.0	0.0	0.0	1.59	4.23	3.70	2.12	11.64
2.1- 4.0	0.0	0.53	1.59	22.22	18.52	15.34	58.20
4.1- 8.0	0.0	0.0	0.53	6.88	10.58	2.65	20.63
8.1-15.0	0.0	0.0	0.0	0.53	0.0	0.0	0.53
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	1.06	5.29	39.15	33.33	21.16	100.00

WIND DIRECTION SECTOR 190 DEGREE ( 2.22 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.77	0.0	0.0	0.77
1.1- 1.5	0.0	0.0	1.16	1.16	1.16	1.54	5.02
1.6- 2.0	0.0	0.0	0.77	1.93	3.86	2.32	8.88
2.1- 4.0	0.0	0.77	1.16	14.67	21.62	15.06	53.28
4.1- 8.0	0.0	0.0	0.39	19.31	6.56	5.41	31.66
8.1-15.0	0.0	0.0	0.0	0.39	0.0	0.0	0.39
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.77	3.47	38.22	33.20	24.32	100.00

WIND DIRECTION SECTOR 200 DEGREE ( 3.66 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.47	0.70	0.23	1.41
1.1- 1.5	0.0	0.0	0.94	1.17	1.41	1.17	4.69
1.6- 2.0	0.23	0.0	0.47	1.88	0.94	1.41	4.93
2.1- 4.0	0.0	0.47	3.52	15.02	9.39	8.92	37.32
4.1- 8.0	0.0	0.0	1.41	29.58	12.91	5.87	49.77
8.1-15.0	0.0	0.0	0.0	1.88	0.0	0.0	1.88
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.23	0.47	6.34	50.00	25.35	17.61	100.00

Table 5 continued

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION 0.02-0.5 MM/H 7.22 %

CALMS (<=0.5M/S) 0.71 %

WIND DIRECTION SECTOR 210 DEGREE ( 7.98 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.22	0.0	0.32	0.11	0.0	0.65
1.1- 1.5	0.0	0.11	0.11	0.86	0.75	0.43	2.26
1.6- 2.0	0.0	0.0	0.32	1.61	0.75	0.65	3.33
2.1- 4.0	0.11	0.75	1.08	11.61	8.60	5.38	27.53
4.1- 8.0	0.11	0.0	2.26	37.74	10.75	4.95	55.81
8.1-15.0	0.0	0.0	0.43	9.89	0.0	0.0	10.32
15.1-30.0	0.0	0.0	0.11	0.0	0.0	0.0	0.11
SUMMATION	0.22	1.08	4.30	62.04	20.97	11.40	100.00

WIND DIRECTION SECTOR 220 DEGREE ( 18.83 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.09	0.18	0.05	0.05	0.41
1.1- 1.5	0.0	0.05	0.14	0.18	0.09	0.05	0.50
1.6- 2.0	0.0	0.14	0.05	0.36	0.36	0.05	0.96
2.1- 4.0	0.05	0.23	0.91	6.88	4.47	1.23	13.76
4.1- 8.0	0.05	0.23	2.64	50.41	7.34	2.42	63.08
8.1-15.0	0.0	0.0	1.91	19.28	0.09	0.0	21.29
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.09	0.64	5.74	77.30	12.40	3.83	100.00

WIND DIRECTION SECTOR 230 DEGREE ( 15.73 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.16	0.11	0.11	0.0	0.38
1.1- 1.5	0.0	0.0	0.11	0.16	0.27	0.11	0.65
1.6- 2.0	0.0	0.0	0.16	0.76	0.27	0.11	1.31
2.1- 4.0	0.05	0.38	0.98	7.53	4.58	1.85	15.38
4.1- 8.0	0.0	0.11	2.56	50.57	4.96	1.36	59.57
8.1-15.0	0.0	0.0	1.69	20.89	0.05	0.0	22.64
15.1-30.0	0.0	0.0	0.0	0.05	0.0	0.0	0.05
SUMMATION	0.05	0.49	5.67	80.09	10.26	3.44	100.00

WIND DIRECTION SECTOR 240 DEGREE ( 7.10 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.24	0.0	0.0	0.24
1.1- 1.5	0.0	0.0	0.12	0.60	0.36	0.0	1.09
1.6- 2.0	0.0	0.0	0.12	0.73	0.36	0.24	1.45
2.1- 4.0	0.12	0.97	1.21	11.73	7.01	1.21	22.25
4.1- 8.0	0.0	0.12	3.39	47.64	5.08	0.48	56.71
8.1-15.0	0.0	0.0	1.09	17.05	0.12	0.0	18.26
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.12	1.09	5.93	77.99	12.94	1.93	100.00

Table 5 continued

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION 0.02-0.5 MM/H 7.22 %

CALMS (<=0.5M/S) 0.71 %

WIND DIRECTION SECTOR 250 DEGREE ( 4.33 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	0.79	0.79
1.1- 1.5	0.20	0.0	0.0	0.79	0.59	0.0	1.58
1.6- 2.0	0.0	0.20	0.0	0.99	0.79	0.59	2.57
2.1- 4.0	0.59	0.99	1.39	11.49	11.29	2.97	28.71
4.1- 8.0	0.0	0.0	5.15	41.19	7.52	0.40	54.26
8.1-15.0	0.0	0.0	1.19	10.89	0.0	0.0	12.08
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.79	1.19	7.72	65.35	20.20	4.75	100.00

WIND DIRECTION SECTOR 260 DEGREE ( 2.75 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.63	0.0	0.0	0.63
1.1- 1.5	0.31	0.0	0.31	1.25	0.0	0.31	2.19
1.6- 2.0	0.31	0.31	0.0	2.50	1.88	0.63	5.63
2.1- 4.0	1.56	0.94	1.56	15.94	9.38	3.44	32.81
4.1- 8.0	0.0	0.0	4.69	36.25	8.44	0.31	49.69
8.1-15.0	0.0	0.0	0.63	8.13	0.31	0.0	9.06
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	2.19	1.25	7.19	64.69	20.00	4.69	100.00

WIND DIRECTION SECTOR 270 DEGREE ( 1.85 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.47	0.93	0.0	0.47	1.86
1.1- 1.5	0.0	0.47	0.47	2.33	1.40	0.0	4.65
1.6- 2.0	0.0	0.93	0.93	1.40	1.86	0.47	5.58
2.1- 4.0	1.86	0.93	2.79	20.00	9.30	2.33	37.21
4.1- 8.0	0.0	0.0	2.33	36.28	3.72	0.0	42.33
8.1-15.0	0.0	0.0	0.0	8.37	0.0	0.0	8.37
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	1.86	2.33	6.98	69.30	16.28	3.26	100.00

WIND DIRECTION SECTOR 280 DEGREE ( 1.25 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.68	0.0	1.37	1.37	0.68	4.11
1.1- 1.5	0.0	0.0	0.0	3.42	0.68	1.37	5.48
1.6- 2.0	0.0	0.0	0.68	5.48	4.11	0.68	10.96
2.1- 4.0	0.68	0.0	6.16	23.29	10.27	1.37	41.78
4.1- 8.0	0.68	0.0	3.42	23.97	2.74	0.68	31.51
8.1-15.0	0.0	0.0	0.68	5.48	0.0	0.0	6.16
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	1.37	0.68	10.96	63.01	19.18	4.79	100.00

Table 5 continued

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION 0.02-0.5 MM/H 7.22 %

CALMS (<=0.5M/S) 0.71 %

WIND DIRECTION SECTOR 290 DEGREE ( 0.84 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	2.04	1.02	0.0	3.06
1.1- 1.5	0.0	1.02	0.0	4.08	1.02	1.02	7.14
1.6- 2.0	1.02	0.0	2.04	9.18	6.12	1.02	19.39
2.1- 4.0	3.06	1.02	1.02	32.65	11.22	5.10	54.08
4.1- 8.0	0.0	0.0	1.02	14.29	1.02	0.0	16.33
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	4.08	2.04	4.08	62.24	20.41	7.14	100.00

WIND DIRECTION SECTOR 300 DEGREE ( 0.72 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	3.57	1.19	2.38	7.14
1.1- 1.5	2.38	0.0	3.57	5.95	1.19	2.38	15.48
1.6- 2.0	1.19	2.38	0.0	1.19	3.57	3.57	11.90
2.1- 4.0	0.0	2.38	3.57	28.57	15.48	1.19	51.19
4.1- 8.0	0.0	0.0	2.38	8.33	1.19	0.0	11.90
8.1-15.0	0.0	0.0	0.0	2.38	0.0	0.0	2.38
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	3.57	4.76	5.52	50.00	22.62	9.52	100.00

WIND DIRECTION SECTOR 310 DEGREE ( 0.65 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	1.32	0.0	1.32	0.0	0.0	2.63
1.1- 1.5	2.63	0.0	0.0	6.58	0.0	0.0	9.21
1.6- 2.0	1.32	0.0	2.63	9.21	0.0	2.63	15.79
2.1- 4.0	1.32	1.32	1.32	35.53	13.16	3.95	56.58
4.1- 8.0	0.0	0.0	0.0	14.47	0.0	0.0	14.47
8.1-15.0	0.0	0.0	0.0	1.32	0.0	0.0	1.32
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	5.26	2.63	3.95	68.42	13.16	6.58	100.00

WIND DIRECTION SECTOR 320 DEGREE ( 0.70 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	1.22	0.0	0.0	0.0	0.0	1.22
1.1- 1.5	1.22	0.0	0.0	4.88	1.22	1.22	8.54
1.6- 2.0	1.22	0.0	1.22	6.10	2.44	2.44	13.41
2.1- 4.0	4.88	2.44	3.66	39.02	7.32	6.10	63.41
4.1- 8.0	0.0	0.0	1.22	12.20	0.0	0.0	13.41
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	7.32	3.66	6.10	62.20	10.98	9.76	100.00

Table 5 continued



DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION 0.02-0.5 MM/H 7.22 %

CALMS (<=0.5M/S) 0.71 %

WIND DIRECTION SECTOR 330 DEGREE ( 1.00 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	2.56	1.71	0.85	5.13
1.1- 1.5	0.0	0.0	0.0	7.69	1.71	0.85	10.26
1.6- 2.0	0.0	0.0	0.0	4.27	5.98	2.56	12.82
2.1- 4.0	2.56	0.85	2.56	34.19	11.11	1.71	52.99
4.1- 8.0	0.0	0.0	2.56	13.69	1.71	0.0	17.95
8.1-15.0	0.0	0.0	0.0	0.85	0.0	0.0	0.85
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	2.56	0.85	5.13	63.25	22.22	5.98	100.00

WIND DIRECTION SECTOR 340 DEGREE ( 1.12 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1- 1.5	0.0	0.0	1.53	8.40	2.29	0.76	12.98
1.6- 2.0	0.0	0.0	0.0	6.87	3.05	0.76	10.69
2.1- 4.0	2.29	2.29	0.76	27.48	5.34	3.82	41.98
4.1- 8.0	0.0	0.76	3.05	27.48	0.76	0.76	32.82
8.1-15.0	0.0	0.0	0.76	0.76	0.0	0.0	1.53
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	2.29	3.05	6.11	70.99	11.45	6.11	100.00

WIND DIRECTION SECTOR 350 DEGREE ( 1.97 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.87	1.30	0.43	2.61
1.1- 1.5	0.43	0.0	0.0	2.17	0.87	0.43	3.91
1.6- 2.0	0.43	0.43	1.74	3.91	3.48	1.30	11.30
2.1- 4.0	1.30	0.0	1.74	24.35	19.57	3.04	50.00
4.1- 8.0	0.0	0.0	1.30	28.26	1.74	0.43	31.74
8.1-15.0	0.0	0.0	0.0	0.43	0.0	0.0	0.43
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	2.17	0.43	4.78	60.00	26.96	5.65	100.00

WIND DIRECTION SECTOR 360 DEGREE ( 2.24 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.38	1.15	1.53	0.38	3.45
1.1- 1.5	1.15	0.38	0.0	1.53	1.92	0.38	5.36
1.6- 2.0	0.0	0.38	0.77	2.68	0.38	0.0	4.21
2.1- 4.0	1.92	0.77	1.53	23.37	9.96	1.15	38.70
4.1- 8.0	0.0	0.0	3.07	37.16	6.90	0.77	47.89
8.1-15.0	0.0	0.0	0.0	0.38	0.0	0.0	0.38
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	3.07	1.53	5.75	66.28	20.69	2.68	100.00

Table 5 continued

SUMMARY FOR ALL WIND DIRECTIONS  
1.12.1972 - 30.11.1982

IN PERCENT

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.0- 0.5	0.0	0.0	0.05	0.28	0.26	0.12	0.71
0.6- 1.0	0.03	0.09	0.17	0.73	0.52	0.28	1.82
1.1- 1.5	0.20	0.10	0.40	1.98	1.00	0.65	4.33
1.6- 2.0	0.13	0.18	0.50	2.41	1.57	0.94	5.73
2.1- 4.0	0.49	0.76	1.97	13.70	9.35	4.97	31.25
4.1- 8.0	0.05	0.27	2.85	33.88	5.94	2.23	45.22
8.1-15.0	0.0	0.01	0.85	10.01	0.04	0.0	10.92
15.1-30.0	0.0	0.0	0.01	0.01	0.0	0.0	0.02
SUMMATION	0.89	1.42	6.81	63.01	18.67	9.20	100.00

MEAN PRECIPITATION 0.160 MM/H

Table 5 continued

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION 0.51-3.0 MM/H 3.42 %

CALMS (<=0.5M/S) 0.29 %

WIND DIRECTION SECTOR 10 DEGREE ( 1.38 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1- 1.5	0.0	0.0	0.0	2.63	3.95	1.32	7.89
1.6- 2.0	0.0	0.0	2.63	5.26	0.0	0.0	7.89
2.1- 4.0	0.0	0.0	3.95	19.74	3.95	1.32	28.95
4.1- 8.0	0.0	0.0	6.58	32.89	1.32	1.32	42.11
8.1-15.0	0.0	0.0	1.32	11.84	0.0	0.0	13.16
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	14.47	72.37	9.21	3.95	100.00

WIND DIRECTION SECTOR 20 DEGREE ( 1.31 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	1.39	1.39
1.1- 1.5	0.0	0.0	0.0	0.0	1.39	0.0	1.39
1.6- 2.0	0.0	0.0	0.0	4.17	2.78	0.0	6.94
2.1- 4.0	0.0	0.0	11.11	33.33	11.11	2.78	58.33
4.1- 8.0	0.0	0.0	1.39	27.78	1.39	0.0	30.56
8.1-15.0	0.0	0.0	0.0	1.39	0.0	0.0	1.39
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	12.50	66.67	16.67	4.17	100.00

WIND DIRECTION SECTOR 30 DEGREE ( 1.32 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	8.22	1.37	1.37	10.96
1.1- 1.5	0.0	0.0	1.37	2.74	1.37	0.0	5.48
1.6- 2.0	0.0	0.0	1.37	8.22	0.0	0.0	9.59
2.1- 4.0	0.0	0.0	4.11	36.99	2.74	0.0	43.84
4.1- 8.0	0.0	0.0	2.74	24.66	0.0	1.37	28.77
8.1-15.0	0.0	0.0	0.0	1.37	0.0	0.0	1.37
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	9.59	82.19	5.48	2.74	100.00

WIND DIRECTION SECTOR 40 DEGREE ( 0.71 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	2.56	0.0	2.56	0.0	5.13
1.1- 1.5	0.0	0.0	0.0	2.56	0.0	0.0	2.56
1.6- 2.0	0.0	0.0	0.0	5.13	2.56	0.0	7.69
2.1- 4.0	0.0	0.0	15.38	41.03	7.69	0.0	64.10
4.1- 8.0	0.0	0.0	2.56	17.95	0.0	0.0	20.51
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	20.51	66.67	12.82	0.0	100.00

Table 5 continued

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION 0.51-3.0 MM/H 3.42 %

CALMS (<=0.5M/S) 0.29 %

WIND DIRECTION SECTOR 50 DEGREE ( 1.00 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	3.64	0.0	1.82	5.45
1.1- 1.5	0.0	0.0	0.0	5.45	0.0	0.0	5.45
1.6- 2.0	0.0	0.0	1.82	7.27	1.82	0.0	10.91
2.1- 4.0	0.0	0.0	5.45	30.91	3.64	3.64	43.64
4.1- 8.0	0.0	0.0	7.27	25.45	1.82	0.0	34.55
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	14.55	72.73	7.27	5.45	100.00

WIND DIRECTION SECTOR 60 DEGREE ( 0.80 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1- 1.5	0.0	0.0	2.27	6.82	4.55	0.0	13.64
1.6- 2.0	0.0	0.0	0.0	2.27	2.27	0.0	4.55
2.1- 4.0	0.0	2.27	13.64	31.82	2.27	2.27	52.27
4.1- 8.0	0.0	0.0	4.55	25.00	0.0	0.0	29.55
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	2.27	20.45	65.91	9.09	2.27	100.00

WIND DIRECTION SECTOR 70 DEGREE ( 0.80 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	4.55	2.27	0.0	6.82
1.1- 1.5	0.0	0.0	0.0	2.27	2.27	0.0	4.55
1.6- 2.0	0.0	0.0	4.55	4.55	0.0	0.0	9.09
2.1- 4.0	0.0	0.0	4.55	22.73	11.36	0.0	38.64
4.1- 8.0	0.0	0.0	4.55	34.09	0.0	2.27	40.91
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	13.64	68.18	15.91	2.27	100.00

WIND DIRECTION SECTOR 80 DEGREE ( 0.62 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	2.94	0.0	2.94	0.0	5.88
1.1- 1.5	0.0	0.0	2.94	0.0	0.0	0.0	2.94
1.6- 2.0	0.0	0.0	0.0	11.76	8.82	5.88	26.47
2.1- 4.0	0.0	0.0	0.0	23.53	14.71	0.0	38.24
4.1- 8.0	0.0	0.0	5.88	11.76	8.82	0.0	26.47
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	11.76	47.06	35.29	5.88	100.00

Table 5 continued

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION 0.51-3.0 MM/H 3.42 %

CALMS (<=0.5M/S) 0.29 %

WIND DIRECTION SECTOR 90 DEGREE ( 0.63 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1- 1.5	0.0	0.0	0.0	8.57	0.0	5.71	14.29
1.6- 2.0	0.0	0.0	0.0	5.71	5.71	2.86	14.29
2.1- 4.0	0.0	0.0	2.86	22.86	22.86	2.86	51.43
4.1- 8.0	0.0	0.0	0.0	8.57	5.71	5.71	20.00
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	2.86	45.71	34.29	17.14	100.00

WIND DIRECTION SECTOR 100 DEGREE ( 0.96 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	3.77	3.77
1.1- 1.5	0.0	0.0	0.0	1.89	0.0	0.0	1.89
1.6- 2.0	0.0	0.0	1.89	1.89	5.66	0.0	9.43
2.1- 4.0	0.0	0.0	3.77	13.21	26.42	15.09	58.49
4.1- 8.0	0.0	0.0	0.0	15.09	7.55	3.77	26.42
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	5.66	32.08	39.62	22.64	100.00

WIND DIRECTION SECTOR 110 DEGREE ( 1.03 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	5.26	0.0	0.0	5.26
1.1- 1.5	0.0	0.0	0.0	3.51	1.75	1.75	7.02
1.6- 2.0	0.0	0.0	0.0	5.26	1.75	3.51	10.53
2.1- 4.0	0.0	0.0	3.51	12.28	19.30	19.30	54.39
4.1- 8.0	0.0	0.0	0.0	3.51	10.53	8.77	22.81
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	3.51	29.82	33.33	33.33	100.00

WIND DIRECTION SECTOR 120 DEGREE ( 1.11 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	3.28	3.28	0.0	6.56
1.1- 1.5	0.0	0.0	0.0	4.92	3.28	3.28	11.48
1.6- 2.0	0.0	0.0	0.0	4.92	1.64	3.28	9.84
2.1- 4.0	0.0	0.0	1.64	18.03	24.59	16.39	60.66
4.1- 8.0	0.0	0.0	1.64	0.0	3.28	6.56	11.48
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	3.28	31.15	36.07	29.51	100.00

Table 5 continued

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION 0.51-3.0 MM/H 3.42 %

CALMS (<=0.5M/S) 0.29 %

WIND DIRECTION SECTOR 130 DEGREE ( 1.03 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	1.75	1.75	0.0	0.0	3.51
1.1- 1.5	0.0	0.0	1.75	3.51	3.51	0.0	8.77
1.6- 2.0	0.0	0.0	3.51	3.51	7.02	0.0	14.04
2.1- 4.0	0.0	0.0	0.0	8.77	22.81	12.28	43.86
4.1- 8.0	0.0	0.0	0.0	12.28	5.26	12.28	29.82
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	7.02	29.82	38.60	24.56	100.00

WIND DIRECTION SECTOR 140 DEGREE ( 1.02 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	1.79	0.0	0.0	1.79
1.1- 1.5	0.0	0.0	0.0	1.79	1.79	1.79	5.36
1.6- 2.0	0.0	0.0	0.0	14.29	1.79	1.79	17.86
2.1- 4.0	0.0	0.0	0.0	17.86	17.86	3.57	39.29
4.1- 8.0	0.0	0.0	0.0	3.57	19.64	12.50	35.71
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	0.0	39.29	41.07	19.64	100.00

WIND DIRECTION SECTOR 150 DEGREE ( 0.58 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	6.25	0.0	0.0	6.25
1.1- 1.5	0.0	0.0	3.13	3.13	0.0	0.0	6.25
1.6- 2.0	0.0	0.0	0.0	6.25	3.13	0.0	9.38
2.1- 4.0	0.0	0.0	3.13	15.63	28.13	15.63	62.50
4.1- 8.0	0.0	0.0	3.13	3.13	6.25	3.13	15.63
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	9.38	34.38	37.50	18.75	100.00

WIND DIRECTION SECTOR 160 DEGREE ( 0.82 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	4.44	2.22	6.67
1.1- 1.5	0.0	0.0	0.0	0.0	2.22	2.22	4.44
1.6- 2.0	0.0	0.0	0.0	0.0	4.44	0.0	4.44
2.1- 4.0	0.0	0.0	0.0	28.89	20.00	2.22	51.11
4.1- 8.0	0.0	0.0	0.0	6.67	13.33	8.89	28.89
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	0.0	42.22	40.00	17.78	100.00

Table 5 continued

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION 0.51-3.0 MM/H 3.42 %

CALMS (<=0.5M/S) 0.29 %

WIND DIRECTION SECTOR 170 DEGREE ( 0.98 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	1.85	0.0	0.0	1.85
1.1- 1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6- 2.0	0.0	0.0	0.0	1.85	3.70	3.70	9.26
2.1- 4.0	0.0	0.0	3.70	24.07	18.52	9.26	55.56
4.1- 8.0	0.0	0.0	0.0	24.07	7.41	1.85	33.33
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	3.70	51.85	29.63	14.81	100.00

WIND DIRECTION SECTOR 180 DEGREE ( 1.38 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	1.32	0.0	0.0	1.32
1.1- 1.5	0.0	0.0	0.0	1.32	2.63	0.0	3.95
1.6- 2.0	0.0	0.0	0.0	2.63	1.32	0.0	3.95
2.1- 4.0	0.0	0.0	0.0	23.68	22.37	5.26	51.32
4.1- 8.0	0.0	0.0	1.32	27.63	7.89	2.63	39.47
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	1.32	56.58	34.21	7.89	100.00

WIND DIRECTION SECTOR 190 DEGREE ( 2.32 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.78	0.0	0.78	0.0	1.56
1.1- 1.5	0.0	0.0	0.0	3.13	0.78	0.0	3.91
1.6- 2.0	0.0	0.0	0.0	1.56	3.91	1.56	7.03
2.1- 4.0	0.0	0.0	0.78	19.53	8.59	7.81	36.72
4.1- 8.0	0.0	0.0	0.78	37.50	8.59	2.34	49.22
8.1-15.0	0.0	0.0	0.0	0.78	0.78	0.0	1.56
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	2.34	62.50	23.44	11.72	100.00

WIND DIRECTION SECTOR 200 DEGREE ( 3.81 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.95	0.0	0.0	0.95
1.1- 1.5	0.0	0.0	0.0	0.95	0.48	0.48	1.90
1.6- 2.0	0.0	0.48	0.48	0.48	0.95	0.48	2.86
2.1- 4.0	0.0	0.0	1.90	21.90	10.95	2.38	37.14
4.1- 8.0	0.0	0.0	0.95	37.14	10.00	3.33	51.43
8.1-15.0	0.0	0.0	0.0	5.71	0.0	0.0	5.71
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.48	3.33	67.14	22.38	6.67	100.00

Table 5 continued

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION 0.51-3.0 MM/H 3.42 %

CALMS (<=0.5M/S) 0.29 %

WIND DIRECTION SECTOR 210 DEGREE ( 7.54 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1- 1.5	0.0	0.0	0.0	0.96	0.24	0.0	1.20
1.6- 2.0	0.0	0.0	0.24	0.24	0.48	0.0	0.96
2.1- 4.0	0.0	0.0	0.24	10.58	5.77	2.16	18.75
4.1- 8.0	0.0	0.0	1.68	45.19	10.34	1.68	58.89
8.1-15.0	0.0	0.0	1.44	18.51	0.0	0.0	19.95
15.1-30.0	0.0	0.0	0.0	0.24	0.0	0.0	0.24
SUMMATION	0.0	0.0	3.61	75.72	16.83	3.85	100.00

WIND DIRECTION SECTOR 220 DEGREE ( 19.78 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1- 1.5	0.0	0.0	0.0	0.18	0.09	0.0	0.27
1.6- 2.0	0.0	0.0	0.0	0.46	0.18	0.0	0.64
2.1- 4.0	0.0	0.0	0.37	5.04	2.57	0.37	8.34
4.1- 8.0	0.0	0.0	1.65	47.57	5.77	0.55	55.55
8.1-15.0	0.0	0.0	4.40	30.61	0.0	0.09	35.11
15.1-30.0	0.0	0.0	0.0	0.09	0.0	0.0	0.09
SUMMATION	0.0	0.0	6.42	83.96	8.62	1.01	100.00

WIND DIRECTION SECTOR 230 DEGREE ( 17.39 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.10	0.0	0.10
1.1- 1.5	0.0	0.0	0.21	0.10	0.10	0.10	0.52
1.6- 2.0	0.0	0.0	0.10	0.10	0.42	0.0	0.63
2.1- 4.0	0.0	0.0	0.10	6.67	3.02	0.52	10.32
4.1- 8.0	0.0	0.0	2.09	52.55	3.75	0.83	59.23
8.1-15.0	0.0	0.0	1.67	27.42	0.10	0.0	29.20
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	4.17	86.86	7.51	1.46	100.00

WIND DIRECTION SECTOR 240 DEGREE ( 8.01 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1- 1.5	0.0	0.0	0.0	0.0	0.45	0.0	0.45
1.6- 2.0	0.0	0.0	0.0	1.13	0.23	0.0	1.36
2.1- 4.0	0.0	0.0	1.36	11.31	4.75	0.45	17.87
4.1- 8.0	0.0	0.0	1.58	55.20	3.39	0.23	60.41
8.1-15.0	0.0	0.0	1.36	18.55	0.0	0.0	19.91
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	4.30	86.20	8.82	0.68	100.00

Table 5 continued



DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION 0.51-3.0 MM/H 3.42 %

CALMS (<=0.5M/S) 0.29 %

WIND DIRECTION SECTOR 250 DEGREE ( 5.64 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.32	0.0	0.0	0.32
1.1- 1.5	0.0	0.0	0.0	0.64	0.32	0.0	0.96
1.6- 2.0	0.0	0.0	0.0	0.32	0.32	0.64	1.28
2.1- 4.0	0.0	0.0	0.32	13.83	5.79	0.64	20.58
4.1- 8.0	0.0	0.0	0.64	50.48	4.50	0.64	56.27
8.1-15.0	0.0	0.0	1.29	19.29	0.0	0.0	20.58
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	2.25	84.89	10.93	1.93	100.00

WIND DIRECTION SECTOR 260 DEGREE ( 3.48 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	1.04	0.0	0.52	1.56
1.1- 1.5	0.0	0.0	0.0	0.52	0.52	0.0	1.04
1.6- 2.0	0.0	0.0	0.0	0.52	1.04	1.04	2.60
2.1- 4.0	0.0	0.0	1.04	19.79	9.90	1.04	31.77
4.1- 8.0	0.0	0.0	2.08	40.63	3.13	1.04	46.87
8.1-15.0	0.0	0.0	2.08	13.54	0.0	0.0	15.62
15.1-30.0	0.0	0.0	0.0	0.52	0.0	0.0	0.52
SUMMATION	0.0	0.0	5.21	76.56	14.58	3.65	100.00

WIND DIRECTION SECTOR 270 DEGREE ( 2.57 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1- 1.5	0.0	0.0	1.41	1.41	1.41	0.0	4.23
1.6- 2.0	0.0	0.0	1.41	3.52	2.11	0.0	7.04
2.1- 4.0	0.0	0.0	1.41	19.01	7.75	1.41	29.58
4.1- 8.0	0.0	0.0	0.0	40.85	4.93	1.41	47.18
8.1-15.0	0.0	0.0	0.70	10.56	0.70	0.0	11.97
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	4.93	75.35	16.90	2.82	100.00

WIND DIRECTION SECTOR 280 DEGREE ( 1.61 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	1.12	1.12	0.0	0.0	2.25
1.1- 1.5	0.0	0.0	1.12	1.12	1.12	0.0	3.37
1.6- 2.0	0.0	0.0	0.0	7.87	1.12	0.0	8.99
2.1- 4.0	0.0	0.0	1.12	31.46	10.11	0.0	42.70
4.1- 8.0	0.0	0.0	0.0	31.46	2.25	1.12	34.83
8.1-15.0	0.0	0.0	0.0	7.87	0.0	0.0	7.87
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	3.37	80.90	14.61	1.12	100.00

Table 5 continued

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION 0.51-3.0 MM/H 3.42 %

CALMS (<=0.5M/S) 0.29 %

WIND DIRECTION SECTOR 290 DEGREE ( 1.34 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	1.35	0.0	1.35
1.1- 1.5	0.0	0.0	2.70	5.41	0.0	0.0	8.11
1.6- 2.0	0.0	0.0	1.35	4.05	4.05	0.0	9.46
2.1- 4.0	0.0	0.0	4.05	35.14	2.70	0.0	41.89
4.1- 8.0	0.0	0.0	1.35	27.03	5.41	0.0	33.78
8.1-15.0	0.0	0.0	0.0	5.41	0.0	0.0	5.41
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	9.46	77.03	13.51	0.0	100.00

WIND DIRECTION SECTOR 300 DEGREE ( 0.98 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	3.70	0.0	0.0	3.70
1.1- 1.5	0.0	0.0	0.0	5.56	1.85	0.0	7.41
1.6- 2.0	0.0	0.0	0.0	14.81	1.85	0.0	16.67
2.1- 4.0	0.0	0.0	3.70	27.78	5.56	0.0	37.04
4.1- 8.0	0.0	0.0	3.70	25.93	1.85	0.0	31.48
8.1-15.0	0.0	0.0	0.0	3.70	0.0	0.0	3.70
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	7.41	81.48	11.11	0.0	100.00

WIND DIRECTION SECTOR 310 DEGREE ( 0.94 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	1.92	0.0	1.92
1.1- 1.5	0.0	0.0	0.0	1.92	1.92	0.0	3.85
1.6- 2.0	0.0	0.0	1.92	0.0	0.0	0.0	1.92
2.1- 4.0	0.0	0.0	1.92	40.38	13.46	1.92	57.69
4.1- 8.0	0.0	0.0	3.85	28.85	0.0	0.0	32.69
8.1-15.0	0.0	0.0	0.0	1.92	0.0	0.0	1.92
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	7.69	73.08	17.31	1.92	100.00

WIND DIRECTION SECTOR 320 DEGREE ( 0.78 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	2.33	0.0	2.33
1.1- 1.5	0.0	0.0	0.0	4.65	4.65	0.0	9.30
1.6- 2.0	0.0	0.0	0.0	2.33	2.33	0.0	4.65
2.1- 4.0	0.0	0.0	6.98	46.51	6.98	2.33	62.79
4.1- 8.0	0.0	0.0	0.0	20.93	0.0	0.0	20.93
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	6.98	74.42	16.28	2.33	100.00

Table 5 continued

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION 0.51-3.0 MM/H 3.42 %

CALMS (<=0.5M/S) 0.29 %

WIND DIRECTION SECTOR 330 DEGREE ( 0.91 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1- 1.5	0.0	0.0	2.00	8.00	2.00	0.0	12.00
1.6- 2.0	0.0	0.0	0.0	10.00	0.0	0.0	10.00
2.1- 4.0	0.0	0.0	0.0	32.00	14.00	0.0	46.00
4.1- 8.0	0.0	0.0	2.00	26.00	0.0	0.0	28.00
8.1-15.0	0.0	0.0	0.0	4.00	0.0	0.0	4.00
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	4.00	80.00	16.00	0.0	100.00

WIND DIRECTION SECTOR 340 DEGREE ( 1.43 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	1.27	1.27	0.0	2.53
1.1- 1.5	0.0	0.0	0.0	3.80	1.27	0.0	5.06
1.6- 2.0	0.0	0.0	0.0	8.86	2.53	0.0	11.39
2.1- 4.0	0.0	0.0	1.27	35.44	1.27	3.80	41.77
4.1- 8.0	0.0	0.0	1.27	34.18	1.27	0.0	36.71
8.1-15.0	0.0	0.0	1.27	1.27	0.0	0.0	2.53
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	3.80	84.81	7.59	3.80	100.00

WIND DIRECTION SECTOR 350 DEGREE ( 1.92 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.94	0.94	0.0	1.89
1.1- 1.5	0.0	0.0	0.94	0.94	0.94	0.94	3.77
1.6- 2.0	0.0	0.0	0.0	2.83	2.83	0.94	6.60
2.1- 4.0	0.0	0.0	0.94	24.53	13.21	3.77	42.45
4.1- 8.0	0.0	0.0	0.94	38.68	2.83	0.0	42.45
8.1-15.0	0.0	0.0	0.0	2.83	0.0	0.0	2.83
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	2.83	79.75	20.75	5.66	100.00

WIND DIRECTION SECTOR 360 DEGREE ( 1.79 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1- 1.5	0.0	0.0	2.02	2.02	1.01	0.0	5.05
1.6- 2.0	0.0	0.0	1.01	2.02	1.01	1.01	5.05
2.1- 4.0	0.0	0.0	2.02	24.24	9.09	1.01	36.36
4.1- 8.0	0.0	0.0	1.01	49.49	1.01	1.01	52.53
8.1-15.0	0.0	0.0	0.0	1.01	0.0	0.0	1.01
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	6.06	78.79	12.12	3.03	100.00

Table 5 continued

SUMMARY FOR ALL WIND DIRECTIONS  
1.12.1972 - 30.11.1982

IN PERCENT

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.0- 0.5	0.0	0.0	0.02	0.16	0.09	0.02	0.29
0.6- 1.0	0.0	0.0	0.09	0.56	0.27	0.13	1.05
1.1- 1.5	0.0	0.0	0.29	1.20	0.67	0.18	2.34
1.6- 2.0	0.0	0.02	0.31	1.99	1.05	0.38	3.75
2.1- 4.0	0.0	0.02	1.38	14.94	6.96	2.01	25.31
4.1- 8.0	0.0	0.0	1.67	41.04	5.08	1.41	49.20
8.1-15.0	0.0	0.0	1.58	16.35	0.05	0.02	18.00
15.1-30.0	0.0	0.0	0.0	0.05	0.0	0.0	0.05
SUMMATION	0.0	0.04	5.33	76.31	14.18	4.15	100.00

MEAN PRECIPITATION 1.183 MM/H

Table 5 continued

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION > 3.0 MM/H 0.44 %

CALMS (<=0.5M/S) 0.28 %

WIND DIRECTION SECTOR 10 DEGREE ( 1.85 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1- 1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6- 2.0	7.69	0.0	0.0	0.0	0.0	7.69	7.69
2.1- 4.0	0.0	0.0	7.69	38.46	0.0	0.0	46.15
4.1- 8.0	0.0	0.0	7.69	38.46	0.0	0.0	46.15
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	15.38	76.92	0.0	7.69	100.00

WIND DIRECTION SECTOR 20 DEGREE ( 1.85 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	7.69	0.0	0.0	7.69
1.1- 1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6- 2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1- 4.0	0.0	0.0	0.0	38.46	15.38	0.0	53.85
4.1- 8.0	0.0	0.0	7.69	23.08	7.69	0.0	38.46
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	7.69	69.23	23.08	0.0	100.00

WIND DIRECTION SECTOR 30 DEGREE ( 0.71 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1- 1.5	0.0	0.0	0.0	20.00	20.00	0.0	40.00
1.6- 2.0	0.0	0.0	0.0	0.0	20.00	0.0	20.00
2.1- 4.0	0.0	0.0	0.0	20.00	0.0	0.0	20.00
4.1- 8.0	0.0	0.0	0.0	0.0	20.00	0.0	20.00
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	0.0	40.00	60.00	0.0	100.00

WIND DIRECTION SECTOR 40 DEGREE ( 0.71 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1- 1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6- 2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1- 4.0	0.0	0.0	0.0	60.00	0.0	0.0	60.00
4.1- 8.0	0.0	0.0	0.0	20.00	0.0	0.0	20.00
8.1-15.0	0.0	0.0	20.00	0.0	0.0	0.0	20.00
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	20.00	80.00	0.0	0.0	100.00

Table 5 continued

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION > 3.0 MM/H 0.44 %

CALMS (<=0.5M/S) 0.28 %

WIND DIRECTION SECTOR 50 DEGREE ( 0.71 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1- 1.5	0.0	0.0	0.0	0.0	20.00	0.0	20.00
1.6- 2.0	0.0	0.0	0.0	20.00	0.0	0.0	20.00
2.1- 4.0	0.0	20.00	0.0	20.00	0.0	0.0	40.00
4.1- 8.0	0.0	0.0	0.0	20.00	0.0	0.0	20.00
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	20.00	0.0	60.00	20.00	0.0	100.00

WIND DIRECTION SECTOR 60 DEGREE ( 0.71 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1- 1.5	0.0	0.0	0.0	0.0	0.0	20.00	20.00
1.6- 2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1- 4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.1- 8.0	0.0	0.0	40.00	20.00	20.00	0.0	80.00
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	40.00	20.00	20.00	20.00	100.00

WIND DIRECTION SECTOR 70 DEGREE ( 0.57 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1- 1.5	0.0	25.00	0.0	0.0	25.00	0.0	50.00
1.6- 2.0	0.0	0.0	25.00	0.0	0.0	0.0	25.00
2.1- 4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.1- 8.0	0.0	0.0	25.00	0.0	0.0	0.0	25.00
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	25.00	50.00	0.0	25.00	0.0	100.00

WIND DIRECTION SECTOR 80 DEGREE ( 0.85 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1- 1.5	0.0	0.0	0.0	16.67	0.0	0.0	16.67
1.6- 2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1- 4.0	0.0	0.0	0.0	33.33	0.0	0.0	33.33
4.1- 8.0	0.0	0.0	0.0	33.33	0.0	16.67	50.00
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	0.0	83.33	0.0	16.67	100.00

Table 5 continued

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION > 3.0 MM/H 0.44 %

CALMS (<=0.5M/S) 0.28 %

WIND DIRECTION SECTOR 90 DEGREE ( 0.71 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1- 1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6- 2.0	0.0	0.0	0.0	20.00	0.0	0.0	20.00
2.1- 4.0	0.0	0.0	0.0	40.00	0.0	0.0	40.00
4.1- 8.0	0.0	0.0	40.00	0.0	0.0	0.0	40.00
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	40.00	60.00	0.0	0.0	100.00

WIND DIRECTION SECTOR 100 DEGREE ( 1.14 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1- 1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6- 2.0	0.0	0.0	0.0	12.50	0.0	0.0	12.50
2.1- 4.0	0.0	0.0	0.0	12.50	0.0	0.0	12.50
4.1- 8.0	0.0	0.0	12.50	50.00	12.50	0.0	75.00
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	12.50	75.00	12.50	0.0	100.00

WIND DIRECTION SECTOR 110 DEGREE ( 0.43 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1- 1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6- 2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1- 4.0	0.0	0.0	0.0	33.33	0.0	0.0	33.33
4.1- 8.0	0.0	0.0	0.0	33.33	33.33	0.0	66.67
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	0.0	66.67	33.33	0.0	100.00

WIND DIRECTION SECTOR 120 DEGREE ( 0.14 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1- 1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6- 2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1- 4.0	0.0	0.0	0.0	100.00	0.0	0.0	100.00
4.1- 8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	0.0	100.00	0.0	0.0	100.00

Table 5 continued

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION > 3.0 MM/H 0.44 %

CALMS (<=0.5M/S) 0.28 %

WIND DIRECTION SECTOR 130 DEGREE ( 0.57 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1- 1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6- 2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1- 4.0	0.0	0.0	25.00	0.0	25.00	0.0	50.00
4.1- 8.0	0.0	0.0	25.00	0.0	25.00	0.0	50.00
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	50.00	0.0	50.00	0.0	100.00

WIND DIRECTION SECTOR 140 DEGREE ( 0.71 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	20.00	0.0	20.00
1.1- 1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6- 2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1- 4.0	0.0	0.0	0.0	0.0	40.00	20.00	60.00
4.1- 8.0	0.0	0.0	20.00	0.0	0.0	0.0	20.00
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	20.00	0.0	60.00	20.00	100.00

WIND DIRECTION SECTOR 150 DEGREE ( 0.43 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1- 1.5	0.0	0.0	0.0	0.0	33.33	0.0	33.33
1.6- 2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1- 4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.1- 8.0	0.0	0.0	0.0	0.0	66.67	0.0	66.67
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	0.0	0.0	100.00	0.0	100.00

WIND DIRECTION SECTOR 160 DEGREE ( 0.28 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1- 1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6- 2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1- 4.0	0.0	0.0	0.0	0.0	0.0	50.00	50.00
4.1- 8.0	0.0	0.0	0.0	50.00	0.0	0.0	50.00
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	0.0	50.00	0.0	50.00	100.00

Table 5 continued



DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION > 3.0 MM/H 0.44 %

CALMS (<=0.5M/S) 0.28 %

WIND DIRECTION SECTOR 170 DEGREE ( 0.71 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1- 1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6- 2.0	0.0	0.0	0.0	0.0	40.00	0.0	40.00
2.1- 4.0	0.0	0.0	0.0	0.0	40.00	20.00	60.00
4.1- 8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	0.0	0.0	80.00	20.00	100.00

WIND DIRECTION SECTOR 180 DEGREE ( 0.57 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1- 1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6- 2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1- 4.0	0.0	0.0	0.0	50.00	0.0	0.0	50.00
4.1- 8.0	0.0	0.0	0.0	25.00	0.0	25.00	50.00
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	0.0	75.00	0.0	25.00	100.00

WIND DIRECTION SECTOR 190 DEGREE ( 0.57 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1- 1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6- 2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1- 4.0	0.0	0.0	0.0	25.00	0.0	0.0	25.00
4.1- 8.0	0.0	0.0	0.0	50.00	0.0	0.0	50.00
8.1-15.0	0.0	25.00	0.0	0.0	0.0	0.0	25.00
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	25.00	0.0	75.00	0.0	0.0	100.00

WIND DIRECTION SECTOR 200 DEGREE ( 2.71 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	5.26	0.0	0.0	5.26
1.1- 1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6- 2.0	0.0	0.0	0.0	5.26	0.0	0.0	5.26
2.1- 4.0	0.0	0.0	5.26	21.05	0.0	0.0	26.32
4.1- 8.0	0.0	0.0	0.0	36.84	21.05	5.26	63.16
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	5.26	68.42	21.05	5.26	100.00

Table 5 continued

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION > 3.0 MM/H 0.44 %

CALMS (<=0.5M/S) 0.28 %

WIND DIRECTION SECTOR 210 DEGREE ( 5.13 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	2.78	0.0	0.0	0.0	2.78
1.1- 1.5	0.0	0.0	0.0	0.0	0.0	2.78	2.78
1.6- 2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1- 4.0	0.0	0.0	0.0	11.11	2.78	2.78	16.67
4.1- 8.0	0.0	0.0	0.0	47.22	11.11	2.78	61.11
8.1-15.0	0.0	0.0	0.0	16.67	0.0	0.0	16.67
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	2.78	75.00	13.89	8.33	100.00

WIND DIRECTION SECTOR 220 DEGREE ( 10.97 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1- 1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6- 2.0	0.0	0.0	0.0	1.30	1.30	0.0	2.60
2.1- 4.0	0.0	0.0	0.0	7.79	1.30	0.0	9.09
4.1- 8.0	0.0	0.0	1.30	50.65	7.79	1.30	61.04
8.1-15.0	0.0	0.0	1.30	24.68	1.30	0.0	27.27
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	2.60	84.42	11.69	1.30	100.00

WIND DIRECTION SECTOR 230 DEGREE ( 13.68 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1- 1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6- 2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1- 4.0	0.0	0.0	0.0	8.33	3.13	0.0	11.46
4.1- 8.0	0.0	1.04	3.13	62.50	2.08	0.0	68.75
8.1-15.0	0.0	0.0	1.04	18.75	0.0	0.0	19.79
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	1.04	4.17	89.58	5.21	0.0	100.00

WIND DIRECTION SECTOR 240 DEGREE ( 10.54 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	1.35	0.0	1.35
1.1- 1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6- 2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1- 4.0	0.0	0.0	0.0	16.22	0.0	0.0	16.22
4.1- 8.0	0.0	0.0	1.35	58.11	4.05	0.0	63.51
8.1-15.0	0.0	0.0	1.35	17.57	0.0	0.0	18.92
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	2.70	91.89	5.41	0.0	100.00

Table 5 continued

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION > 3.0 MM/H 0.44 %

CALMS (<=0.5M/S) 0.28 %

WIND DIRECTION SECTOR 250 DEGREE ( 8.69 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1- 1.5	0.0	0.0	1.64	0.0	0.0	0.0	1.64
1.6- 2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1- 4.0	0.0	1.64	0.0	6.56	3.28	0.0	11.48
4.1- 8.0	0.0	0.0	1.64	55.74	4.92	0.0	62.30
8.1-15.0	0.0	0.0	1.64	22.95	0.0	0.0	24.59
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	1.64	4.92	85.25	8.20	0.0	100.00

WIND DIRECTION SECTOR 260 DEGREE ( 5.70 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1- 1.5	0.0	0.0	0.0	0.0	0.0	2.50	2.50
1.6- 2.0	0.0	0.0	0.0	2.50	0.0	0.0	2.50
2.1- 4.0	0.0	0.0	0.0	7.50	2.50	0.0	10.00
4.1- 8.0	0.0	0.0	5.00	40.00	2.50	0.0	47.50
8.1-15.0	0.0	0.0	2.50	35.00	0.0	0.0	37.50
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	7.50	85.00	5.00	2.50	100.00

WIND DIRECTION SECTOR 270 DEGREE ( 4.70 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	3.03	0.0	0.0	3.03
1.1- 1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6- 2.0	0.0	0.0	0.0	3.03	3.03	0.0	6.06
2.1- 4.0	0.0	0.0	3.03	21.21	3.03	0.0	27.27
4.1- 8.0	0.0	0.0	6.06	27.27	6.06	3.03	42.42
8.1-15.0	0.0	0.0	0.0	21.21	0.0	0.0	21.21
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	9.09	75.76	12.12	3.03	100.00

WIND DIRECTION SECTOR 280 DEGREE ( 3.28 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1- 1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6- 2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1- 4.0	0.0	0.0	0.0	17.39	4.35	0.0	21.74
4.1- 8.0	0.0	0.0	4.35	34.78	8.70	4.35	52.17
8.1-15.0	0.0	0.0	0.0	26.09	0.0	0.0	26.09
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	4.35	78.26	13.04	4.35	100.00

Table 5 continued

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION > 3.0 MM/H 0.44 %

CALMS (<=0.5M/S) 0.28 %

WIND DIRECTION SECTOR 290 DEGREE ( 1.99 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1- 1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6- 2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1- 4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.1- 8.0	0.0	0.0	7.14	71.43	7.14	0.0	85.71
8.1-15.0	0.0	0.0	0.0	14.29	0.0	0.0	14.29
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	7.14	85.71	7.14	0.0	100.00

WIND DIRECTION SECTOR 300 DEGREE ( 2.56 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1- 1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6- 2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1- 4.0	0.0	0.0	5.56	22.22	11.11	11.11	50.00
4.1- 8.0	0.0	0.0	0.0	38.89	11.11	0.0	50.00
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	5.56	61.11	22.22	11.11	100.00

WIND DIRECTION SECTOR 310 DEGREE ( 1.99 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1- 1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6- 2.0	0.0	0.0	0.0	14.29	0.0	0.0	14.29
2.1- 4.0	0.0	0.0	0.0	14.29	7.14	0.0	21.43
4.1- 8.0	0.0	0.0	7.14	57.14	0.0	0.0	64.29
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	7.14	85.71	7.14	0.0	100.00

WIND DIRECTION SECTOR 320 DEGREE ( 1.57 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1- 1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6- 2.0	0.0	0.0	9.09	0.0	0.0	0.0	9.09
2.1- 4.0	0.0	0.0	0.0	36.36	0.0	0.0	36.36
4.1- 8.0	0.0	0.0	0.0	54.55	0.0	0.0	54.55
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	9.09	90.91	0.0	0.0	100.00

Table 5 continued

DIFFUSION STATISTICS  
1.12.1972 - 30.11.1982

PRECIPITATION > 3.0 MM/H 0.44 %

CALMS (<=0.5M/S) 0.28 %

WIND DIRECTION SECTOR 330 DEGREE ( 2.71 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1- 1.5	0.0	0.0	0.0	0.0	5.26	0.0	5.26
1.6- 2.0	0.0	0.0	0.0	5.26	5.26	5.26	15.79
2.1- 4.0	0.0	5.26	0.0	36.84	15.79	0.0	57.89
4.1- 8.0	0.0	0.0	0.0	21.05	0.0	0.0	21.05
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	5.26	0.0	63.16	26.32	5.26	100.00

WIND DIRECTION SECTOR 340 DEGREE ( 2.28 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	6.25	0.0	0.0	6.25
1.1- 1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6- 2.0	0.0	0.0	0.0	6.25	6.25	0.0	12.50
2.1- 4.0	0.0	0.0	6.25	25.00	0.0	0.0	31.25
4.1- 8.0	0.0	0.0	0.0	43.75	0.0	0.0	43.75
8.1-15.0	0.0	0.0	0.0	6.25	0.0	0.0	6.25
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	6.25	87.50	6.25	0.0	100.00

WIND DIRECTION SECTOR 350 DEGREE ( 3.70 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1- 1.5	0.0	0.0	0.0	3.85	0.0	0.0	3.85
1.6- 2.0	0.0	0.0	3.85	0.0	0.0	0.0	3.85
2.1- 4.0	0.0	0.0	3.85	26.92	7.69	0.0	38.46
4.1- 8.0	0.0	0.0	7.69	46.15	0.0	0.0	53.85
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	15.38	76.92	7.69	0.0	100.00

WIND DIRECTION SECTOR 360 DEGREE ( 3.28 %)

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.6- 1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1- 1.5	0.0	0.0	0.0	0.0	4.35	0.0	4.35
1.6- 2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1- 4.0	0.0	0.0	4.35	4.35	4.35	0.0	13.04
4.1- 8.0	0.0	0.0	4.35	73.91	4.35	0.0	82.61
8.1-15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.0	8.70	78.26	13.04	0.0	100.00

Table 5 continued

SUMMARY FOR ALL WIND DIRECTIONS  
1.12.1972 - 30.11.1982

IN PERCENT

WS (M/S)	DIFFUSION CATEGORY						SUMMATION
	A	B	C	D	E	F	
0.0- 0.5	0.0	0.0	0.0	0.14	0.14	0.0	0.28
0.6- 1.0	0.0	0.0	0.14	0.57	0.28	0.0	1.00
1.1- 1.5	0.0	0.14	0.14	0.43	0.85	0.43	1.99
1.6- 2.0	0.0	0.0	0.43	1.57	1.00	0.28	3.28
2.1- 4.0	0.0	0.43	1.14	15.10	3.70	0.85	21.23
4.1- 8.0	0.0	0.14	3.70	46.44	5.56	1.00	56.84
8.1-15.0	0.0	0.14	0.85	14.25	0.14	0.0	15.38
15.1-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUMMATION	0.0	0.85	6.41	78.49	11.68	2.56	100.00

MEAN PRECIPITATION 5.823 MM/H

Table 5 continued

Precipitation in mm	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	Mean of	
																			18 a 1965-82	10 a 1973-82
January	90.5	49.6	29.8	69.7	34.6	50.7	33.6	19.9	11.7	35.4	52.6	64.3	65.5	37.2	68.7	46.5	67.7	84.5	50.7	53.4
February	19.9	37.0	26.1	53.9	79.5	120.3	15.6	7.3	49.7	49.6	26.3	12.6	112.2	37.7	76.4	44.0	29.8	14.5	45.1	45.3
March	65.2	47.4	71.1	30.4	63.6	48.0	25.1	31.4	18.4	54.3	48.4	20.5	24.7	58.1	88.4	21.4	55.5	58.1	46.1	44.8
April	81.8	56.0	34.3	122.5	87.9	70.0	19.0	71.2	48.4	19.3	32.5	41.8	38.6	29.8	61.3	50.2	55.8	26.0	52.6	40.4
May	92.0	36.3	35.9	71.3	90.2	138.4	62.5	75.2	69.9	46.6	30.0	26.3	23.3	233.1	53.8	58.0	79.6	51.6	70.8	67.2
June	125.1	84.4	41.6	113.7	99.6	44.2	90.0	75.5	88.5	62.7	134.8	23.7	86.1	86.3	36.8	97.6	88.9	99.5	82.2	80.5
July	123.5	72.1	64.4	75.5	55.7	58.9	24.8	58.1	72.7	119.4	82.3	89.2	33.7	130.8	28.0	150.6	57.7	86.6	76.9	85.1
August	44.9	110.3	51.2	255.3	96.3	45.2	73.3	84.5	55.8	43.9	68.3	40.7	52.7	38.8	87.3	77.9	33.0	88.4	74.9	58.7
September	62.9	23.5	80.3	83.5	11.7	54.9	13.1	34.7	21.6	42.2	104.6	107.2	26.7	57.9	27.8	40.4	50.4	39.5	49.1	51.9
October	12.2	60.3	62.1	48.8	3.3	72.3	21.5	29.9	69.1	123.3	25.2	36.0	24.4	47.1	26.8	85.3	177.5	145.7	59.5	76.0
November	91.2	48.1	55.8	22.9	75.4	35.3	82.7	102.0	90.6	55.3	62.9	40.2	83.0	20.4	67.5	34.8	34.4	39.9	57.9	52.9
December	131.0	105.9	59.2	42.0	21.3	32.2	16.3	18.0	44.7	81.2	21.1	57.8	43.5	82.3	82.8	53.4	149.7	134.1	65.4	75.1
Annual amount	940.2	730.9	611.8	989.5	719.1	770.4	477.5	607.7	641.1	733.4	689.0	560.3	614.4	859.5	705.6	760.1	880.0	868.4	731.0	731.2

Tab. 6: Amounts of precipitation in mm at KfK from 1965 - 1982

Total amount of precipitation in mm	Duration up to a maximum of ...												Total
	10 min	20 min	30 min	40 min	50 min	1 h	2 h	3 h	4 h	5 h	9 h	> 9 h	
$0.02 \leq s \leq 0.5$	56.7	9.2	6.2	3.9	2.1	0.9	1.1	-	-	-	-	-	80.1
$0.5 < s \leq 1.0$	0.1	0.7	0.8	1.1	0.9	0.9	2.1	0.3	-	-	-	-	6.9
$1.0 < s \leq 3.0$	0.1	0.2	0.6	0.6	0.7	0.7	3.0	1.4	0.5	0.2	0.1	-	8.1
$s > 3.0$	0.1	0.1	0.1	0.1	0.1	0.2	1.1	0.9	0.7	0.5	0.8	0.2	4.9
Total	57.0	10.2	7.7	5.7	3.8	2.7	7.3	2.6	1.2	0.7	0.9	0.2	100.0

Tab. 7: Duration and amount of precipitation at KfK from 1973 until 1982



Characteristic of Event	Amount S in mm	Duration A in h:min	Intensity I in mm/h	Date
S > 25 mm	34.2	9:20	3.7	21.06.1975
	29.3	3:30	8.4	04.09.1975
	53.3	19:00	2.8	16.09.1976
	26.0	6:40	3.9	17.06.1978
	25.1	7:10	3.5	07.06.1980
	39.6	21:50	1.8	27.04.1981
	44.5	6:40	6.7	15.10.1981
	53.7	4:30	11.9	24.07.1982
60.2	22:40	2.7	07.10.1982	
A > 12 h	5.9	12:00	0.5	03.12.1975
	53.3	19:00	2.8	16.09.1976
	14.1	12:40	1.1	02.05.1978
	21.4	18:10	1.2	12.03.1981
	39.6	21:50	1.8	27.04.1981
	60.2	22:40	2.7	07.10.1982
I ≥ 30.0 mm/h A ≤ 10 min	7.2	0:10	43.3	08.07.1976
	7.5	0:10	44.8	07.06.1977
	5.4	0:10	32.3	02.01.1978
	6.4	0:10	38.6	20.02.1978
	6.1	0:10	36.8	30.05.1979
17 < I < 30 mm/h	7.9	0:20	23.6	02.01.1979
	8.6	0:30	17.2	27.06.1979
	9.7	0:30	19.4	16.08.1980
	12.5	0:40	18.7	21.05.1981
	12.1	0:40	18.1	03.06.1981
	6.1	0:20	18.3	16.06.1981
	17.0	0:50	20.4	26.06.1981
	8.6	0:20	25.9	21.10.1982

Tab. 8: Extremes of amounts, durations and intensities of precipitations from 1973 until 1982

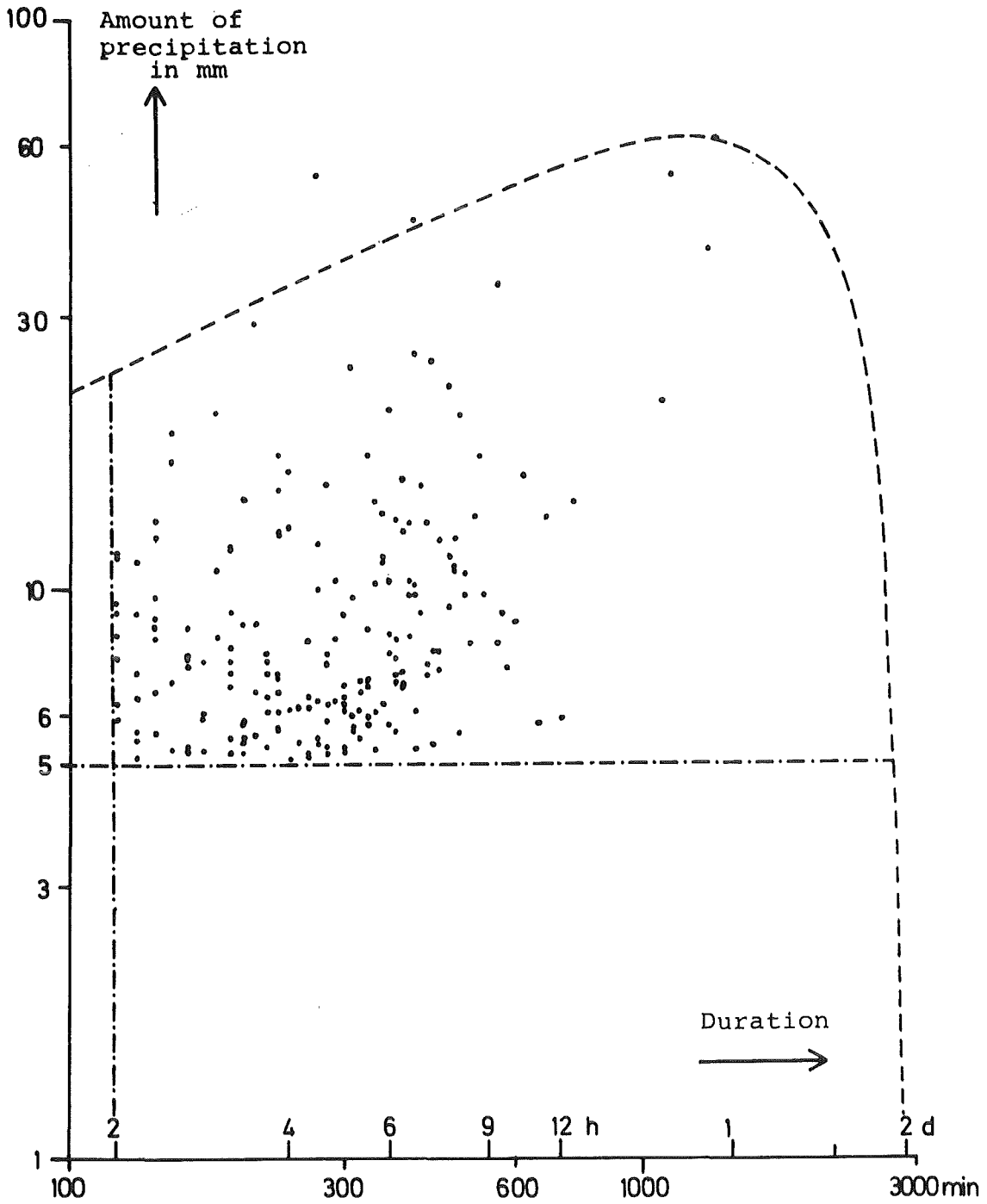


Fig. 1: Amount of precipitation vs. duration, measured at KfK from 1973 until 1982