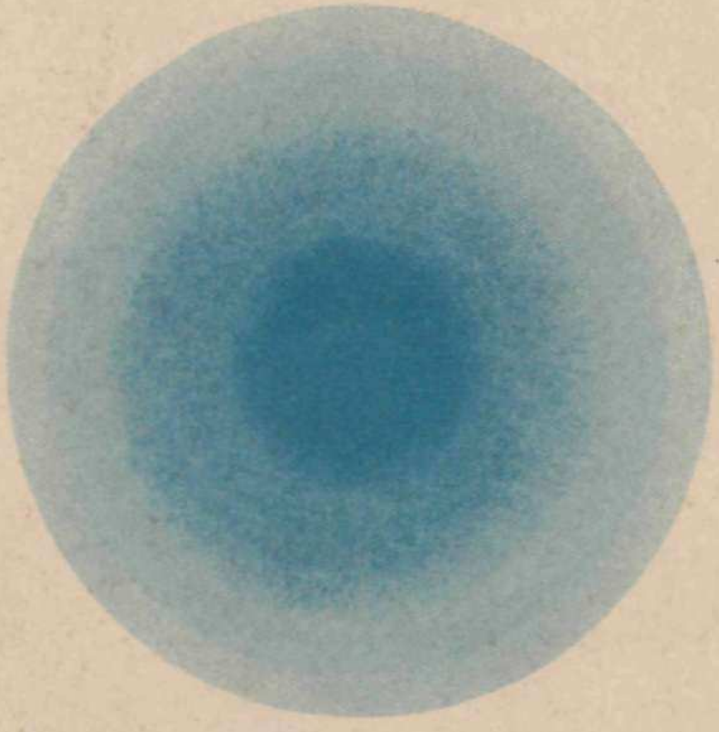
RAINFALL PROBABILITY ESTIMATES FOR SELECTED LOCATIONS OF SEMI-ARID INDIA

RESEARCH BULLETIN NO. 1

2nd Edition - Enlarged



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PREFACE

In a wide belt across parts of southern Asia, India, Africa, the Middle East, and in areas of Argentina, Brazil, Mexico, and Australia, food production for millions of people in the semi-arid tropics is limited primarily by the erratic nature of the rains. These people know through long and often bitter experience that there are no certainties in agriculture because nature itself is so unpredictable and that their system of farming is a hazardous way of life. Water is precious, and extended dry periods often mean empty stomachs for farmers and their families, for they have no means to irrigate their crops. They are uneasy and unsure about tomorrow.

There is a widening gap between irrigated and rainfed agriculture, an increasing population pressure on the land, and a recurrent cycle of droughts. Added to these factors is the lack of suitable technology to ensure dependable harvests and a new urgency to meet long-range needs for increased food production. These are a few of the problems of the small farmers in the low-rainfall nonirrigated semi-arid tropics of the world.

The dryland farmer, and through him the vast populations of the semi-arid tropics, is the focus of the scientific mission of the International Crops Research Institute for the Semi-Arid Tropics (ICRISAT) located at Hyderabad, India. One of its major objectives is to develop farming systems which will help to increase and stabilize agricultural production through better use of natural and human resources in the seasonally dry semi-arid tropics.

We at ICRISAT therefore attach considerable importance to the studies related to the analysis of the basic resources – soils and climate – and of socio-economic conditions. This monograph represents our effort in that direction and deals with analysis of the rainfall probabilities for 77 semi-arid locations of the Indian sub-continent. The limited objective of this study is to demonstrate the use of a methodology for quantifying rainfall in agronomically relevant terms. We hope this monograph will encourage national research programs to initiate similar studies using the well archived, verified, and reliable data available in several countries of the semi-arid tropics.

RAINFALL PROBABILITY ESTIMATES FOR SELECTED LOCATIONS OF SEMI-ARID INDIA

Crop production in semi-arid regions is largely determined by climatic and edaphic features. Development of an improved crop-production technology to increase and stabilize food production in these areas requires a more complete and quantitative understanding of the time and spatial variation of the natural resources, and of the nature and degree of their influence on crop growth and productivity.

The distinctive characteristics of the tropical environment have major influence on the distribution of natural endowments: soils, rainfall, and climate. These areas are well supplied with radiant energy; however, due to variations in the weather systems and orographic influences, a variety of rainfall patterns are produced. Because of the high evaporative demand during most of the growing season, variations in the timing and amount of precipitation are generally the key factors influencing the agricultural production potential of a given region.i

Several authors[2] have laid stress on the need for the quantification of the variability of climatic factors. For semi-arid tropical areas, the most commonly considered element is precipitation. These are characterized by seasonally wet and dry climates. The crop growing season, which usually coincides with the length of the humid period, is subject to great fluctuations. Therefore for agricultural development planning a knowledge of the reliability of the duration and characteristics of humid season are very essential.

In order to have a description of the principal characteristics of the climate at any location, meteorologists and geographers tend to base their observations on average values, which are convenient for calculation. However for bioclimatologists this advantage is lost in that the averages often tend to conceal true phenomena of biological importance by masking inter-yearly fluctuations.

For example, India Meteorological Department has reported relationships between yield of sorghum and weather for two semi-arid locations. The rainfall characteristics have been found to explain maximum variation In the yield (IMD, 1977).

[2]Thornthwaite (1948), Bagnouls & Gaussen (1957), Troll (1965), Cocheme & Franquin (1967), Meher-Homji (1968), Hargreaves (1971).

Climatic descriptions based on averages might be suitable for stations where the climate for each of the individual years follows the average climatic pattern. However, this generality is not often true because of uncertainties inherent in rainfall patterns.

The presentation of rainfall data in the form of simple arithmetic averages therefore provides a very general understanding for a generalized application. Considerable difficulty is experienced if one has to apply the data for certain specific operations. For example the quantity of rainfall received over a period of time at a particular place provides a general picture regarding its sufficiency to meet crop needs. But, more often one is faced with the problem of persistency in receiving a specific amount of rainfall for a short interval. Many agricultural operations revolve around the probability of receiving given amounts of rainfall. Large-scale operational planning often requires decision making with respect to resources, manpower needs, available work days, and several other factors. The probabilities of rainfall can be used for a number of agricultural planning purposes, such as land-use planning (should an area be used for range or for crop land?); choice of crops, cropping system (what are the phenological characteristics of the suited crops? Can these be fitted into intercropping system?); and resource-allocation problems - (What are the general risk levels associated with dryland farming in the area of concern?). Such a knowledge could greatly help in the transfer of Farming Systems Technology.

Hence a comprehensive idea regarding the probability of rainfall receipts is essential in view of the economic implications of certain weather-sensitive operations. This becomes all the more important since the present attempts at forecasting weather patterns over a long period of time are yet to achieve some degree of perfection.

Estimation of Rainfall Probabilities

The concept of estimating probabilities with respect to a given amount of rainfall is extremely useful for agricultural operational planning. In a given crop-growing season, many times decisions have to be taken based on the probability of receiving certain amount of rainfall during a given week [P(W)]. Exercises involved in such calculations are termed "Initial Probabilities." In the context of what has been said earlier, one could examine the probability of rain next week if we had rain this week [P(W/W)3; and the probability of next week being wet if this week is dry [P(W/D)j. These two questions are asked with the restriction bearing a conditional statement. Such probability calculations are called "Conditional Probabilities."

A more complete description of conditional probability analysis is given by Robertson (1976). The degree of wetness could be defined in

terms of any amount of rainfall, say 5, 10, or 20.[3] The choice of any given amount would depend on the purpose for which the calculated probabilities would be used (Virmani, 1976). These initial and conditional probability approaches help us in determining the relative chance (say 0.1, 0.2, ...1.0) of receiving a given amount of rainfall.

Data Presentation

Methods and Materials: Weekly[4] rainfall data for 77 semi-arid Indian locations were supplied to us by the India Meteorological Department (Fig. 1, Table 1). Available rainfall records are short for some locations, whereas for certain others the data extend up to 70 years. The data were entered onto ICRISAT's computer system (PDP 11-45) and verified.

The analysis of precipitation data by the Markov Chain probabilities for 5, 10, and 20 mm weekly rainfall was carried out. The computer program used for the computation of initial and conditional probabilities is listed in Appendix II. Results are reported for initial probabilities of a wet week, P(W); conditional probabilities of a wet week following a wet week, P(W/W); and of a wet week following a dry week, P(W/D). The following formulae were employed for calculation.

Suppose we have two phenomena

(1) Dry spell Dj at the ith period and (2) wet condition Wj at the jth period, we assume that

$$P(W_j) = \frac{N(W_j)}{N}$$

Where N(Wj) = No. of occurrences of Win jth period.

and similarly N(D,-) = No. of occurrences of Din jth period.

$$P(D_j) = \frac{N(D_j)}{N}$$

and N = N(Wj) + N(Dj)

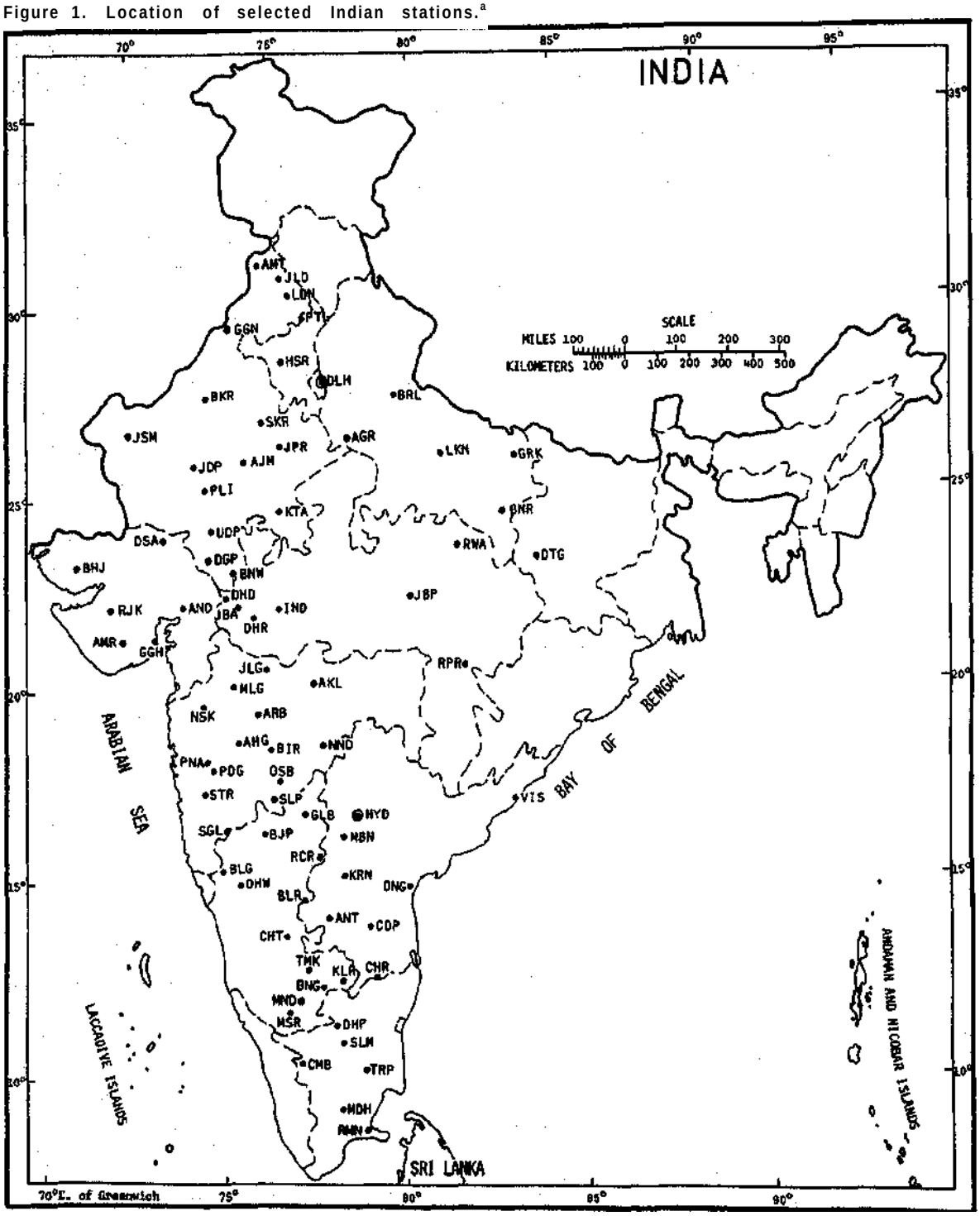
are known.

Also we know the probability of ith dry period given jth wet period, i.e. $P(D_j/Wj)$.

[3]These amounts represent approximately 0.15 to < 1.0 of PE rates for different season for semi-arid Indian locations.

[4]Refer to Appendix I for definition and classification of Standard Weeks.

Figure 1. Location of selected Indian stations.[a]



[a]A listing of stations and explanations of code is given in Table 1.

Table 1. List of rainfall stations for which initial and conditional probabilities have been calculated.[a]

S. No.	Station	Code	Lat (N)		Long (E)		Elevation On)	Data base (years)	Table No.
1	Agra	AGR	27	10	78	02	169	27	2
2	Ahmadnagar	AHG	19	05	74	55	657	69	3
3	Ajmer	AJM	26	27	74	37	486	30	4
4	Akola	AKL	20	42	77	02	282	30	5
5	Amerali	AMR	21	36	71	13	-	29	6
6	Amritsar	AMT	31	38	74	52	234	29	7
7	Anand	AND	22	34	73	01	000	30	8
8	Anantapur	ANT	14	41	77	37	350	59	9
9	Aurangabad	ARB	19	53	75	20	581	70	10
10	Banaras	BNR	25	18	83	01	76	27	11
11	Bangalore	BNG	12	58	77	35	921	70	12
12	Banswara	BNW	23	33	74	27	218	65	13
13	Bareilly	BRL	15	09	76	51	172	68	14
14	Belgaum	BLG	15	51	74	32	753	70	15
15	Bellary	BLR	15	09	76	51	449	58	16
16	Bhir	BIR	19	00	75	46	–	70	17
17	Bhuj	BHJ	23	15	69	48	80	66	18
18	Bijapur	BJP	16	49	75	43	594	67	19
19	Bikaner	BKR	28	00	73	18	224	27	20
20	Chitradurga	CHT	14	14	76	26	733	69	21
21	Chittoor	CHR	13	13	79	07	–	20	22
22	Coimbatore	CMB	11	00	76	58	709	70	23
23	Cuddapah	CDP	14	29	78	50	130	70	24
24	Daltonganj	DTG	24	23	84	04	221	54	25
25	Deesa	DSA	24	12	72	12	136	69	26
26	Dhar	DHR	22	36	75	18	–	64	27
27	Dharmpuri	DHP	12	08	78	10	-	69	28
28	Dharwar	DHW	15	27	75	00	727	20	29
29	Dohad	DHD	22	50	74	16	333	37	30
30	Dungarpur	DGP	23	51	73	43	429	67	31
31	Ganganagar	GGN	29	55	73	53	177	17	32
32	Gogha	GGH	21	41	71	17	-	66	33
33	Gorakhpur	GRK	26	45	83	22	76	66	34
34	Gulbarga	GLB	17	21	76	51	458	70	35
35	Hissar	HSR	29	10	75	44	221	53	36

Continued...

[a]Source: India Meteorological Department, Poona (India).

Table 1 - Continued

S. No.	Station	Code	Lat (N)	Long (E)	Elevation (m)	Data base (years)	Table No.
36	Hyderabad	HYD	17 27	78 28	545	69	37
37	Indore	IND	22 43	75 48	567	30	38
38	Jabalpur	JBP	23 10	79 57	391	69	39
39	Jaipur	JPR	26 49	75 48	390	19	40
40	Jaisalmer	JSM	26 54	70 55	242	25	41
41	Jalgaon	JLG	21 03	75 34	201	69	42
42	Jhabua	JBA	22 47	74 35	-	68	43
43	Jodhpur	JDP	26 18	73 01	224	30	44
44	Jullunder	JLD	31 20	75 35	-	24	45
45	Kolar	KLR	13 08	78 08	-	69	46
46	Kota	KTA	25 11	75 51	257	25	47
47	Kurnool	KRN	15 50	78 04	281	70	48
48	Lucknow	LKN	26 45	80 53	122	67	49
49	Ludhiana	LDN	30 56	75 52	247	29	50
50	Madurai	MDH	09 55	78 07	133	70	51
51	Mahboobnagar	MBN	16 44	77 59	–	70	52
52	Malegaon	MLG	20 33	74 32	437	70	53
53	Mandya	MND	12 32	76 53	671	70	54
54	Mysore	MSR	12 18	76 42	767	70	55
55	Nanded	NND	19 08	77 20	358	58	56
56	Nasik	NSK	20 00	73 47	586	62	57
57	New Delhi	DLH	28 35	77 12	216	30	58
58	Ongole	ONG	15 34	80 03	12	31	59
59	Osmanabad	OSB	18 10	76 03	-	70	60
60	Padegaon	PDG	18 12	74 10	-	25	61
61	Pali	PLI	25 47	73 20	212	66	62
62	Patiala	PTL	30 20	76 28	251	16	63
63	Poona	PNA	18 32	73 51	559	70	64
64	Rajkot	RJK	21 18	70 47	138	28	65
65	Raichur	RCR	16 12	77 21	400	69	66
66	Raipur	RPR	22 14	81 39	296	69	67
67	Ramanathapuram	RMN	09 23	78 50	7	68	68
68	Rewa	RWA	24 32	81 18	286	24	69
69	Salem	SLM	11 39	78 10	278	69	70
70	Sangly	SGL	16 52	74 34	534	64	71
71	Satara	STR	17 41	73 59	707	40	72
72	Sholapur	SLP	17 40	75 54	479	30	73
73	Sikar	SKR	27 37	75 08	432	26	74
74	Tiruchirapalli	TRP	10 46	78 43	88	70	75
75	Tumkur	TMK	13 21	77 06	-	70	76
76	Udaipur	UDP	24 35	73 42	582	30	77
77	Visakhapatnam	VIS	17 43	83 14	3	68	78

Then, how does the probability of Wj change, with the additional information that D_i has actually happened? This can be written as

$$P(W_j D_i) = \frac{P(W_j)\, P(D_i/W_j)}{P(D_i)}$$

Additionally if we know the joint probability distribution of P(Wj,Di) then the conditional probability P(Wj/Di) can be written as

$$P(W_j/D_i) = \frac{P(W_j, D_i)}{P(D_i)}$$

Use of Rainfall Probabilities Data

For the sake of illustration regarding the use of the rainfall probabilities of different amounts presented in this report, Hyderabad and Sholapur stations are chosen. These two stations are situated about 500 km apart, at almost similar latitude and altitude,[5] in the same broad agro-climatic zone; both are ecologically and edaphically similar. The mean annual rainfall (1931-1960) is about the same - 764 mm at Hyderabad and 742 mm at Sholapur (IMD, undated)[6] Both the stations receive more than 75 percent of their total annual precipitation during the months of June to September - in southwest monsoon. Krishnan (1974) classified the two locations - based on the amount of rainfall and length of the growing season - into semi-arid tropical region II and added the following information.

Station	Mean Annual Rainfall (mm)	Mean Annual PE (mm)	Crop Growing Season Actual Period	Days
Sholapur	742	1802	8 Jun to 22 Nov	148
Hyderabad	764	1757	12 Jun to 8 Nov	130

[5] Hyderabad 17°27' N, Elevation 545 m; Sholapur 17°40' N, Elevation 479 m.

[6] The coefficient of variability of annual rainfall based on 30 years' data was 26.1% for Hyderabad and 28.6% for Sholapur.

Raman and Srinivasamurthy (1971) also reported rainfall analysis of Hyderabad and Sholapur regions for delineating the length of the growing season by Cocheme & Franquin's approach. Rao et al.(1971a) computed the Thornthwaite's moisture index for the same locations. Data for the two locations as given by the above authors are presented below:

Station	Thornthwaite's moisture index	Length of growing season (climatic) in days[a]	
		H + M	H + M + MD
Sholapur	-58.7	140	170
Hyderabad	-56.4	130	165

[a]Cocheme S Franquin's method. Where H=Humid; M=Moist; MD=Moderately dry.

According to Troll's method of climatic classification, both Hyderabad and Sholapur are classed as dry semi-arid (2 to $4^1/_2$ humid months where R > PE).[7] Even when dependable rainfall at 75 percent probability is calculated and moisture availability index determined as per Hargreaves method of 1971, the two areas are in the climate class semi-arid (3 to 4 consecutive months of R/PE > 0.34).

Thus from a study of rainfall, moisture index, and the length of the growing season for the two locations from generalized annual, seasonal, or monthly data presented above, it appears that the two areas are quite agro-ecologically similar. On similar soils (e.g. deep/medium deep Vertisols), therefore, one would expect somewhat similar agricultural potentialities. However, results of farming/cropping systems research carried out at Sholapur Research Station of the All India Coordinated Research Project for Dryland Agriculture and at ICRISAT Center over the past 5 years or so have conclusively shown that:

- It is possible to obtain in excess of 5 tonnes per hectare yields in Vertisols of ICRISAT Center by adopting pigeonpea-maize intercrop or maize-chickpea sequential crop combinations under good agronomic management.[8] The rainfall use efficiency is of the order of 6 to 10 kg/mm.

[7]Troll, C, 1965.

[8]ICRISAT Annual Report 1975-76, pp 207; Annual Report, Farming Systems Research Program 1976-77, pp 95-

- At Sholapur it has been found that monsoon cropping is fairly undependable with long-duration crops. A short-duration crop of pearl millet or grain legume followed by a sorghum grown on conserved moisture is successful.[9] But yields fromyear to year are highly variable and rainfall use efficiency 1s quite low.

The aim, therefore, is to characterize the rainfall climatology that is agronomlcally relevant. We selected short-term (weekly) climatic data instead of month/season or annual data. The rainfall amounts have been characterized in relation to their relevance for crop water availability. Hargreaves (1975) has shown that a Rainfall/Potential Evapotranspiration[10] value of at least 0.34 is required to meet water requirements of dryland crops. Hargreaves (1975) considered that a dependable event of rainfall based on long-term data is one where the rainfall occurs with a probability of > 0.75 (75%). Once the crop is planted, the water requirement Is fairly continuous, and hence the conditional probabilities of occurrence of rainfall are important.

The analysis for initial and conditional probabilities of R/PE > 0.33 meets most of the requirements as shown by the plots (Fig.2) for Hyderabad and Sholapur.[11] It is evident that rainfall distribution at Sholapur is highly erratic as only acoupleof dispersed points of initial probability exceed the 70-percent threshold. The conditional probability of wet period followed by wet period [P(W/W)] also follows a fairly similar pattern. In comparison, Hyderabad rainfall analysis shows that it has a dependable rainfall distributed between 18 June to the end of July and from about mid-August to mid-September. This clearly brings out that monsoon rainfall during kharif cropping season at Sholapur is highly erratic and therefore undependable and is probably one of the major environmental factors that has led to low agricultural production efficiency. Hyderabad seems to have much more favorable season for crop production during kharif.

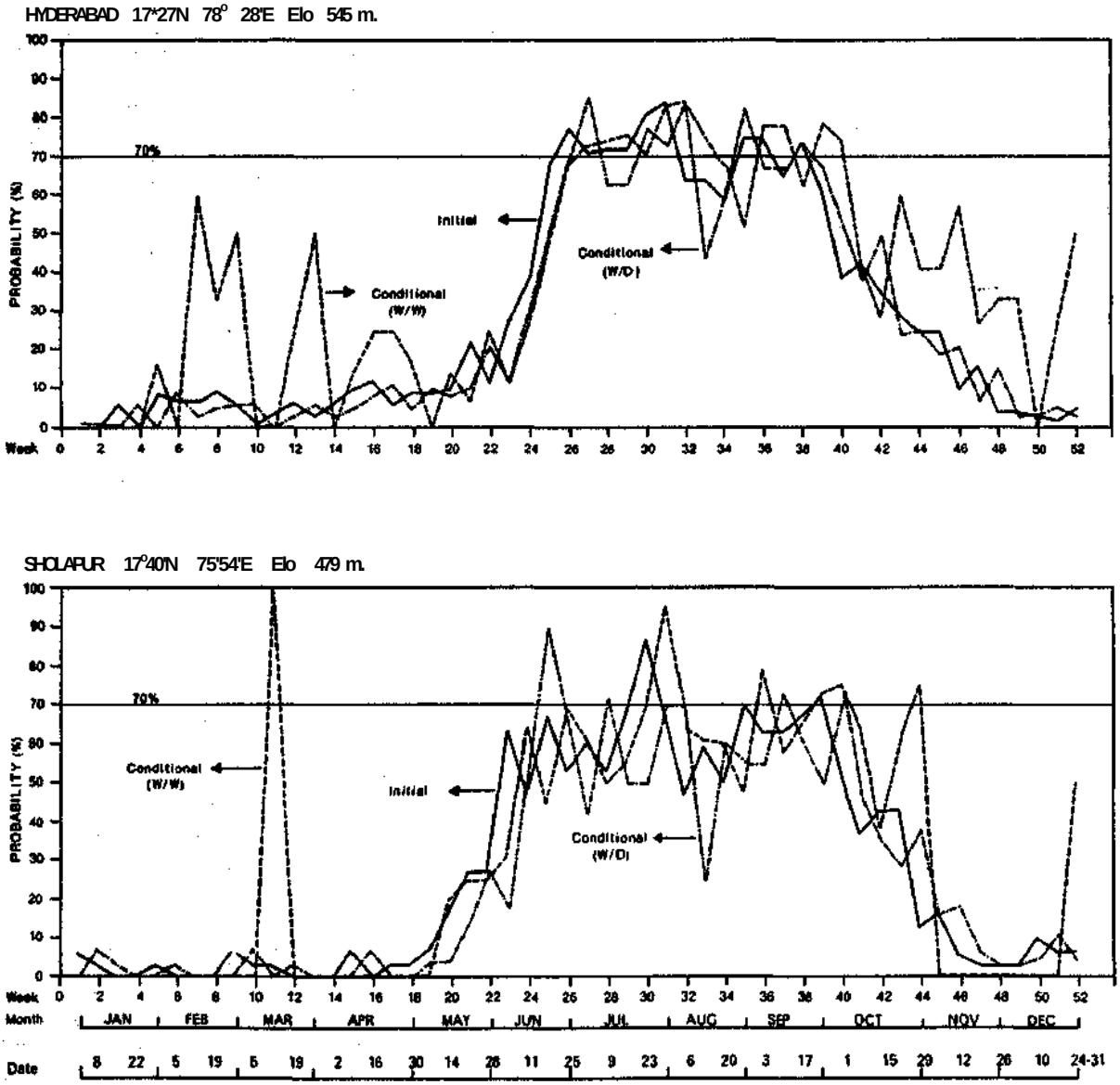
[9] Indian Farming, 1974.

[10] lt is called Moisture Availability index (MAI.), where dependable amount of rainfall is considered as the criterion.

[11] India Meteorological Department has published PE values for most of the districts of the Indian subcontinent (Rao et al. 1971b).

[12] Monsoon rainy season/monsoon crop growing season in India.

Figure 2. Initial and conditional rainfall probabilities[a] of R/PE >0.33 at two selected semi-arid Indian locations.



Explanation of initial and conditional (W/W) and (W/D) probabilities is given on page 4-5.

Additional agronomically relevant information that such an analysis reveals, when one refers to the Figure 2, is as follows:

(1) Hyderabad has a fairly dependable commencement of kharif cropping season around week No. 25. The situation is therefore amenable to dry seeding in Vertisols, while in Sholapur such a practice cannot be recommended with any degree of certainty.

(2) At Hyderabad, it is evident from the rainfall probability analysis that mid-season breaks in the continuity of rainfall are likely to occur during 4 to 6 years of a 10-year period, on an average. Obviously one would not select a crop cultivar that would be in an active phase of development during this period. Either a sole short-duration crop (which completes most of its life cycle prior to the break in rainfall) or a long-duration base crop with a short-duration intercrop would be best suited for .the Hyderabad environment under dryland conditions.

(3) The rainfall analysis for Sholapur shows that crops with indeterminate nature and drought-hardy crops would be more suitable, whereas at Hyderabad one could probably select determinate or perhaps even drought-sensitive crops, depending upon soil conditions.

(4) The potential benefit for similar soil types for recycling of runoff water would be much more favorable in Sholapur region when compared to Hyderabad.

(5) The wet/wet probabilities of rainfall at both the locations under comparison show that in about 4 of 10 years, rainfall has a tendency to continue after the normal date of recession. Crops that are sensitive to aberrations in weather at maturity should not be selected, particularly in the Vertisols.

The above comparison between Hyderabad and Sholapur is just one example of farming or cropping systems research for purposes of selecting crops or varieties to suit the weather. Depending upon the nature of the investigator's interest, the data could be used for any station for planning several cultural practices - including selection of methods of land layout, seedbed preparation, selection of sowing dates and methods of sowing, weeding, degree of mechanization, and type of equipment used.

Data on the initial and conditional probabilities of weekly rainfall for at least 5, 10, and 20 mm for the pre-rainy, rainy, post-rainy, and dry seasons for the 77 locations are given in Tables 2-78. The probabilities for winter rains are given wherever such rains occur.

TABLE 2

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT AGRA

Std. Wk.	> 5 mm W	> 5 mm W/W	> 5 mm W/D	> 10 mm W	> 10 mm W/W	> 10 mm W/D	> 20 mm W	> 20 mm W/W	> 20 mm W/D	Mean (mm)
				P R E - R A I N Y S E A S O N						
21	.15	.00	.22	.07	.00	.16	.07	.00	.08	2.8
22	.19	.00	.27	.15	.00	.17	.07	.00	.12	5.2
23	.22	.17	.19	.15	.00	.22	.11	.00	.17	3.2
24	.19	.10	27	.19	.20	.14	.15	.00	.09	7.3
25	.30	.63	.53	.15	.75	.44	.07	.50	.32	7.0
				R A I N Y S E A S O N						
26	.56	.87	.58	.48	.69	.50	.33	.56	.50	32.4
27	.74	.70	.86	.59	.69	.82	.52	.57	.85	42.8
28	.74	.85	.86	.74	.80	.86	.70	.68	.63	52.7
29	.95	.91	.50	.82	.86	.40	.67	.78	.44	58.5
30	.85	.87	1.00	.78	.81	.83	.67	.78	.78	51.6
31	.89	.83	.67	.82	.77	.80	.78	.71	.67	68.1
32	.82	.96	.80	.78	.95	.83	.70	.95	.88	61.2
33	.93	.88	1.00	.93	.81	1.00	.93	.60	.50	107.0
34	.89	.75	1.00	.85	.74	.75	.59	.81	.46	45.2
35	.78	.81	1.00	.74	.65	.71	.67	.44	.56	66.6
36	.85	.57	.75	.67	.56	.56	.48	.39	.36	42.1
37	.59	.44	.27	.56	.47	.17	.37	.30	.18	45.4
				P O S T - R A I N Y S E A S O N						
38	.37	.50	.35	.33	.56	.28	.22	.50	.24	*21.7
39	.41	.52	.13	.37	.50	.12	.30	.50	.16	23.9
40	.30	.25	.05	.26	.14	.10	.26	.14	.05	15.9
				D R Y - S E A S O N						
41	.11	.00	.04	.11	.00	.04	.07	.00	.01	8.0
42	.04	.00	.04	.04	.00	.04	.04	.00	.00	2.0
43	.04	.00	.08	.04	.00	.04	.00	.00	.00	0.5
44	.07	.00	.01	.04	.00	.00	.00	.00	.00	1.0
45	.04	.00	.00	.00	.00	.00	.00	.00	.00	0.2
46	.00	.00	.04	.00	.00	.04	.00	.00	.00	0.3
47	.04	1.00	.08	.04	.00	.00	.00	.00	.00	0.9

....Table continued

Std. Wk.	> 5 mm W	W/W	W/D	> 10 mm W	W/W	W/D	> 20 mm W	W/D	W/P	Mean (mm)
48	.11	.33	.04	.00	.00	.07	.00	.00	.00	0.7
49	.07	.00	.00	.07	.00	.00	.00	.00	.00	1.4
50	.00	.00	.04	.00	.00	.04	.00	.00	.04	0.1
51	.04	.00	.08	.04	.00	.00	.04	.00	.00	1.2
52	.07	.50	.21	.00	.00	.22	.00	.00	.07	0.6
				W I N T E R - R A I N S						
1	.26	.29	.05	.22	.17	.05	.07	.00	.04	5.2
2	.11	.67	.21	.07	.50	.16	.04	.00	.04	3.4
3	.26	.14	.20	.19	.00	.14	.04	.00	.12	3.6
4	.19	.20	.18	.11	.00	.13	.11	.00	.04	4.3
5	.19	.10	.05	.11	.33	.04	.04	.00	.00	3.3
				D R Y - S E A S O N						
6	.11	.00	.04	.07	.00	.00	.00	.00	.00	1.3
7	.04	.00	.19	.00	.00	.11	.00	.00	.07	0.9
8	.19	.20	.05	.11	.00	.00	.07	.00	.00	3.9
9	.07	.00	.16	.00	.00	.07	.00	,00	.07	0.6
10	.15	.00	.13	.07	.00	.08	.07	.00	.00	3.9
11	.11	1.00	.13	.07	.00	.08	.00	.00	.04	1.7
12	.22	.50	.00	.07	.00	.08	.04	.00	.04	3.1
13	.11	.67	.08	.07	.50	.12	.04	.00	.04	2.1
14	.15	.00	.04	.15	.00	.04	.04	.00	.04	2.6
15	.04	.00	.00	.04	.00	.00	.04	.00	.00	1.0
16	.00	.00	.07	.00	.00	.04	.00	.00	.00	0.1
17	.07	.00	.00	.04	.00	.00	.00	.00	.00	0.7
18	.00	.00	.15	.00	.00	.07	.00	.00	.04	0.3
19	.15	.00	.09	.07	.00	.08	.04	.00	.04	2.8
20	.07	.50	.12	.07	.00	.08	.04	.00	.08	1.6

Rainfall: (mm)

Pre-rainy season	: 25.5	Post-rainy dry season	: 16.9
Rainy season	: 673.6	Winter rainy season	: 19.8
Post-rainy season	: 61.5	Dry season	: 26.6

Annual: 823.9

14 AHMADNAGAR

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT AHMADNAGAR

Std. wk.	> 5 mm W	> 5 mm W/W	> 5 mm W/D	> 10 mm W	> 10 mm W/W	> 10 mm W/D	> 20 mm W	> 20 mm W/W	> 20 mm W/D	Mean (mm)
				PRE-RAINY SEASON						
16	.16	.36	.10	.10	.14	.05	.04	.00	.02	3.8
17	.16	.27	.14	.09	.17	.10	.04	.00	.05	2.7
18	.16	.27	.14	.09	.17	.08	.06	.00	.05	4.4
19	.12	.38	.13	.10	.29	.06	.06	.25	.05	3.4
20	.22	.33	.06	.13	.56	.03	.04	.67	.03	5.2
21	.28	.42	.14	.23	.25	.09	.16	.09	.03	7.9
22	.35	.42	.20	.26	.33	.20	.16	.27	.14	8.7
				RAINY SEASON						
23	.72	.34	.37	.67	.26	.26	.55	.21	1.00	31.0
24	.72	.69	.84	.61	.62	.74	.48	.52	.58	29.6
25	.65	.78	.63	.51	.63	.59	.39	.52	.45	28.9
26	.67	.76	.43	.58	.55	.45	.43	.43	.36	32.0
27	.68	.68	.64	.58	.58	.59	.39	.52	.38	28.7
28	.52	.75	.61	.39	.70	.50	.32	.64	.28	16.9
29	.74	.61	.28	.54	.46	.31	.30	.43	.27	24.9
30	.67	.76	.70	.51	.54	.53	.30	.38	.27	19.5
31	.46	.76	.59	.32	.64	.45	.20	.43	.27	18.7
32	.42	.52	.43	.33	.30	.33	.17	.17	.21	12.8
33	.42	.52	.35	.29	.44	.30	.19	.31	.14	12.6
34	.43	.47	.38	.39	.26	.21	.29	.20	.18	20.7
35	.51	.60	.26	.42	.57	.25	.29	.50	.20	24.8
36	.67	.52	.48	.51	.46	.38	.38	.31	.28	33.7
37	.67	.72	.57	.58	.55	.45	.48	.42	.33	39.2
38	•77	.70	.56	.71	.63	.45	.65	.53	.38	46.7
39	.65	.80	.71	.57	.74	.67	.49	.68	.63	39.4
40	.55	.82	.45	.45	.81	.37	.36	.72	.37	24.9
41	.46	.47	.62	.38	.35	.51	.30	.24	.42	18.1

...Table continued

Std. Wk.	> 5 mm W	W/W	W/D	> 10 mm W	W/W	W/D	> 20 mm W	W/W	W/D	Mean (mm)
				POST-RAINY SEASON						
42	.33	.43	.48	.28	.37	.38	.32	.27	.31	13.4
43	.23	.50	.28	.20	.43	.24	.12	.75	.15	6.3
44	.19	.38	.20	.14	.40	.17	.07	.00	.13	5.4
45	.26	.33	.14	.22	.20	.13	.17	.00	.09	11.4
46	.17	.67	.18	.14	.70	.14	.09	.50	.14	7.6
47	.17	,17	.18	.12	.25	.13	.07	.20	.08	6.6
48	.16	.36	.14	.10	.14	.11	.07	.00	.08	3.3
				DRY-SEASON						
49	.06	.25	.15	.04	.33	.09	.03	.50	.06	2.4
50	.07	.20	.05	.07	.20	.03	.04	.00	.03	2.6
51	.10	.14	.06	.07	.20	.06	.04	.00	.05	3.1
52	.03	.50	.09	.03	,50	.06	.01	.00	.04	1.4
1	.06	.00	.00	.06	.00	.00	.01	.00	.00	1.5
2	.07	.40	.03	.04	.33	.46	.03	.00	.01	1.9
3	.07	.20	.06	.03	.00	.44	.01	.00	.03	1.2
4	.01	.00	.07	.01	.00	.03	.01	.00	.01	0.4
5	.07	.00	.02	.04	,00	.02	.03	.00	.01	1.3
6	.00	.00	.07	.00	.00	.04	.00	.00	.03	0.1
7	.01	,.00	.00	.00	.00	.00	.00	.00	.00	0.2
8	.00	.00	.01	.00	.00	.00	.00	.00	.00	o.o
9	.00	.00	.00	,00	.00	.00	.00	.00	.00	0.1
10	.03	.00	.00	.03	.00	.00	.03	.00	.00	0.8
11	.03	.00	.03	.01	,00	.03	o00	.00	.03	0.5
12	.04	.33	.02	.01	.00	.01	.00	.00	.00	0.6
13	.10	.00	.05	.03	.00	,01	.03	.00	.00	2.6
14	.07	.60	.06	.01	.00	.03	.00	.00	.03	1.0
15	.14	.20	.05	.06	.00	.02	.01	.00	.00	1.9

Rainfall: (mm)

Pre-rainy season : 36.1
Rainy season : 503.1
Post-rainy season : 54.0
Post-rainy dry season: 23.6
Winter rainy season : -
Dry season : -

Annual: 6168

TABLE 4

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT AJMER

Std. Wk.	> 5 mm W	W/W	W/D	> 10 mm W	W/W	W/D	> 20 mm W	W/W	W/D	Mean (mm)
				PRE-RAINY SEASON						
22	.23	.14	.00	.20	.17	.00	.13	.00	.04	7.2
23	.30	.22	.24	.17	.20	.20	.07	.00	.14	5.4
24	.33	.00	.45	.27	.00	.23	.23	.00	.09	11.7
25	.33	.50	.25	.23	.57	.17	.10	.03	.22	9.2
				RAINY SEASON						
26	.50	.33	.33	.47	.21	.25	.40	.09	.11	17.2
27	.83	.56	.20	.80	.54	.17	.70	.43	.33	41.1
28	.73	.82	.88	.63	.84	.73	.53	.69	.71	46.1
29	.80	.71	.83	.77	.61	.71	.67	.55	.50	58.6
30	.70	.86	.67	.57	.88	.62	.50	.73	.60	36.8
31	.77	.65	.86	.60	.56	.58	.50	.47	.53	33.1
32	.87	.73	1.00	.67	.56	.70	.43	.54	.47	35.8
33	.77	.91	.71	.70	.71	.56	.63	.42	.45	32.2
34	.70	.86	.56	.67	.80	.50	.57	.76	.46	52.9
35	.57	.82	.54	.50	.87	.47	.40	.75	.44	23.7
36	.57	.82	.23	.50	.73	.27	.50	.60	.20	32.2
37	.53	.75	.36	.43	.85	.24	.37	.82	.32	25.3
				POST-RAINY SEASON						
38	.33	.50	.55	.23	.43	.43	.17	.60	.32	11.3
39	.23	.57	.26	.20	.17	.25	.17	.20	.16	8.4
40	.17	.60	.16	.10	.00	.22	.67	.00	.18	6.0
				DRY SEASON						
41	.07	.50	.14	.07	.50	.07	.03	.00	.03	6.1
42	.00	.00	.67	.00	.00	.67	.00	.00	.03	0.3
43	.07	.00	.00	.00	.00	.00	.00	.00	.00	0.5
44	.03	.00	.07	.03	.00	.00	.03	.00	.00	0.8
45	.03	1.00	.00	.03	1.00	.00	.00	.00	.03	0.5
46	.00	.00	.03	.00	.00	.03	.00	.00	.00	0.2
47	.03	.00	.00	.00	.00	.00	.00	.00	.00	0.3
48	.07	.00	.34	.07	.00	.00	.07	.00	.00	2.4

...Table continued

Std. Wk.	> 5 mm W	W/W	W/D	> 10 mm W	W/W	W/D	> 20 mm W	W/W	W/D	Mean (mm)
49	.07	.50	.34	.00	.00	.07	.00	.00	.07	0.5
50	.03	.00	.07	.00	.00	.00	.00	.00	.00	0.4
51	.03	.00	.03	.03	.00	.00	.00	.00	.00	0.8
52	.03	.00	.03	.00	.00	.03	.00	.00	.00	0.6
1	.13	.00	.00	.07	.00	.00	.03	.00	.00	2,2
2	.13	.25	.12	.10	.00	.07	.03	.00	.03	2.6
3	.07	.00	,14	.03	.00	.10	.03	.00	.03	3.0
4	.03	.00	.07	.03	.00	.03	.00	.00	.03	0.9
5	.07	.00	.04	.03	.00	.03	.00	.00	.00	0.9
6	.00	.00	.07	.00	.00	.03	.00	.00	.00	0.2
7	.10	.00	.00	.00	.00	.00	.00	.00	.00	0.9
8	.13	.25	.08	.03	.00	.00	.00	.00	.00	1.5
9	.03	1.00	.10	.03	.00	.03	.00	.00	.00	0.9
10	.03	.00	.03	.00	.00	.03	.00	.00	.00	0.6
11	.00	.00	.03	.00	.00	.00	.00	.00	.00	0.2
12	.10	.00	.00	.07	.00	.00	.03	.00	.00	2,2
13	.13	.50	.04	.07	.50	.04	.00	.00	.03	1.7
14	.07	.50	.11	.00	.00	.07	.00	.00	.00	0.7
15	.03	.00	.07	.03	.00	.00	.00	.00	.00	0.4
16	.03	.00	.03	.00	.00	.03	.00	.00	.00	0.6
17	.07	.00	.04	.03	.00	.00	.00	.00	.00	0.6
18	.00	.00	.07	.00	.00	.03	.00	.00	.00	0.2
19	.13	.00	.00	.07	.00	.00	.00	.00	.00	1.7
20	.10	.33	.11	.07	.50	.04	.00	.00	.00	1.6
21	.03	.00	.10	.03	.00	.07	.03	.00	.00	1.1

Rainfall: (mm)

Pre-rainy season	33.5	Post-rainy dry season	38.1
Rainy season	435.0	Winter rainy season	
Post-rainy season	25.7	Dry season	

Annual: 523.3

TABLE 5

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT AKOLA

Std. Wk.	> 5 mm W	> 5 mm W/W	> 5 mm W/D	> 10 mm W	> 10 mm W/W	> 10 mm W D	> 20 mm W	> 20 mm W/W	> 20 mm W/D	Mean (mm)
				P R E - R A I N Y S E A S O N						
21	.17	.20	.00	.10	.00	.00	.07	.00	.00	2.9
22	.27	.25	.14	.27	.25	.05	.20	.17	.04	8.5
23	.43	.31	.24	.37	.27	.26	.20	.17	.21	10.5
				R A I N Y S E A S O N						
24	.67	.45	.40	.50	.27	.47	.33	.30	.15	21.0
25	.70	.62	.78	.67	.55	.40	.60	.28	.42	51.8
26	.87	.73	.50	.73	.68	.63	.60	.67	.50	54.1
27	.93	.89	.50	.87	.77	.50	.83	.64	.00	54.0
28	.87	.92	1.00	.80	.88	.83	.80	.83	.83	55.7
29	.87	.85	1.00	.83	.80	.80	.80	.79	.83	48.8
30	.87	.92	.50	.83	.88	.60	.73	.82	.75	47.4
31	.83	.84	1.00	.80	.88	.67	.67	.75	.70	72.8
32	.93	.86	.50	.83	.80	.80	.53	.63	.71	37.1
33	.73	.91	1.00	.63	.84	.82	.50	.60	.47	35.8
34	.63	.89	.45	.50	.87	.40	.36	.82	.32	27.6
35	.70	.57	.78	.70	.52	.44	.63	.47	.18	33.5
36	.83	.76	.40	.77	.74	.57	.77	.65	.57	50.5
37	.80	.79	1.00	.63	.74	.82	.40	.75	.78	46.0
38	.73	.77	.88	.67	.55	.80	.57	.29	.54	44.7
39	.63	.79	.64	.53	.81	.50	.37	.64	.53	31.2
				P O S T - R A I N Y S E A S O N						
40	.40	.83	.50	.33	.70	.45	.17	.40	.36	11.9
41	.30	.56	.33	.27	.63	.23	.27	.25	.14	15.6
42	.30	.44	.24	.20	.50	.21	.13	.50	.23	8.4
				D R Y - S E A S O N						
43	.03	1.00	.28	.03	1.00	.17	.03	1.00	.10	1.4
44	.13	.00	.04	.13	.00	.04	.10	.00	.04	4.6
45	.13	.50	.08	.13	.50	.08	.13	.25	.08	4.2
46	.07	.50	.11	.03	.00	.14	.03	.00	.14	3.2

... Table continued

Std. Wk.	>5 mm W	W/W	W/D	>10 mm W	W/W	W/D	>20 mm W	W/W	W/D	Mean (mm)
47	.10	.33	.04	.10	.00	.04	.07	.00	.04	6.2
48	.10	.00	.11	.10	.00	.11	.10	.00	.07	3.5
49	.03	1.00	.07	.03	1.00	.07	.03	1.00	.07	2.4
50	.07	.00	.04	.07	.00	.04	.07	.00	.04	4.1
51	.13	.25	.04	.07	.50	.04	.07	.50	.04	3.0
52	.07	.50	.11	.07	.00	.07	.07	.00	.07	2.9
1	.20	.00	.00	.13	.00	.00	.00	.00	.00	2.9
2	.23	.43	.13	.17	.20	.12	.07	.00	.00	4.3
3	.10	.67	.19	.03	.00	.17	.00	.00	.07	1.0
4	.07	.00	.11	.03	.00	.03	.03	.00	.00	1.9
5	.07	.00	.07	.03	.00	.03	.00	.00	.03	1.1
6	.03	.00	.07	.03	.00	.03	.00	.00	.00	0.7
7	.03	.00	.03	.00	.00	.03	.00	.00	.00	0.4
8	.17	.20	.00	.10	.00	.00	.07	.00	.00	3.0
9	.17	.40	.12	.10	.33	.07	.07	.50	.04	2.7
10	.10	.00	.19	.10	.00	.11	.07	.00	.07	2.6
11	.03	1.00	.07	.03	1.00	.07	.00	.00	.07	0,7
12	.13	.00	.04	,10	.00	.04	,07	.00	.00	2. 5
13	.17	.40	.08	.10	.67	.04	.03	.00	.07	2.9
14	.03	.00	.14	.03	1.00	.07	.03	1.00	.00	1.0
15	.10	.00	.04	.03	.00	.03	.03	.00	.03	1.5
16	.13	.25	.08	.07	.00	.04	.03	.00	.03	2.1
17	.03	.00	.14	.03	.00	.07	.00	.00	.03	0.6
18	.03	.00	.03	.00	.00	.03	.00	.00	.00	0.7
19	.07	.00	.04	.07	.00	.00	.03	.00	.00	1.4
20	.03	.00	.07	.00	.00	.07	.00	.00	.03	0.8

Rainfall: (mm)

Pre-rainy season	: 22.2	Post rainy dry season	: 70.3
Rainy season	: 712.0	Winter rainy season	: -
Post-rainy season	: 35.9	Dry season	: -

Annual: 840.4

20 AMERALI

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT AMERALI

Std. Wk.	> 5 mm W	> 5 mm W/W	> 5 mm W/D	> 10 mm W	> 10 mm W/W	> 10 mm W/D	> 20 mm W	> 20 mm W/W	> 20 mm W/D	Mean (mm)
				P R E - R A I N Y S E A S O N						
22	.16	.20	.19	.10	.00	.21	.06	.00	.14	4.0
23	.19	.83	.20	.19	.67	.16	.13	.50	.11	8.3
24	.32	.50	.43	.26	.38	.30	.16	.20	.27	28.4
25	.45	.71	.47	.32	.80	.38	.26	.75	.39	27.0
				R A I N Y S E A S O N						
26	.58	.83	.62	.52	.81	.60	.48	.60	.56	36.8
27	.74	.61	.63	.71	.55	.67	.58	.50	.46	61.0
28	.61	.68	.50	.53	.56	.46	.48	.40	.50	49.5
29	.61	.84	.67	.52	.69	.47	.45	.79	.35	32.1
30	.77	.75	.29	.58	.50	.46	.55	.47	.36	34.3
31	.65	.70	.36	.48	.73	.31	.42	.62	.17	33.0
32	.58	.67	.62	.52	.56	.47	.35	.64	.40	23.9
33	.65	.65	.09	.52	.63	.13	.48	.47	.06	48.0
34	.45	.79	.53	.39	.67	.42	.26	.63	.35	18.8
35	.65	.50	.55	.52	.56	.40	.42	.46	.33	30.3
36	.52	.56	.33	.48	.53	.31	.39	.42	.21	23.8
37	.45	.50	.29	.42	.38	.28	.29	.22	.36	16.7
				P O S T - R A I N Y S E A S O N						
38	.39	.50	.47	.32	.30	.43	.32	.10	.33	37.4
39	.48	.40	.19	.39	.33	.16	.26	.38	.09	15.8
40	.29	.33	.09	.23	.29	.04	.16	.40	.00	12.3
41	.16	.60	.12	.10	.33	.07	.06	.50	.00	9.3
42	.19	.33	.00	.10	.33	.00	.03	.00	.00	0.8
				D R Y S E A S O N						
43	.06	.50	.07	.03	.00	.00	.00	.00	.00	0.8
44	.10	.67	.04	.00	.00	.03	.00	.00	.00	0.8
45	.10	.67	.04	.03	.00	.03	.00	.00	.03	1.1
46	.10	.67	.04	.03	.00	.03	.03	.00	.00	2.9
47	.10	.67	.11	.03	.00	.00	.00	.00	.00	1.3
48	.16	.40	.00	.00	.00	.00	.00	.00	.00	1.4
49	.06	1.00	.00	.00	.00	.00	.00	.00	.00	0.6
50	.06	1.00	*.00*	*.00*	.00	.00	.00	.00	*.00*	0.6

... Table continued

Std. Wk.	W	> 5 mm W/W	> 5 mm W/D	> 10 mm W	> 10 mm W/W	> 10 mm W/D	> 20 mm W	> 20 mm W/W	> 20 mm W/D	Mean (mm)
51	.06	1.00	.00	.00	.00	.00	.00	.00	.00	0.6
52	.06	.00	.07	.00	.00	.03	.00	.00	.03	0.7
1	.06	.00	.00	.03	.00	.00	.03	.00	.00	1.1
2	.00	.00	.03	.00	.00	.00	.00	.00	.00	0.0
3	.03	.00	.00	.00	.00	.00	.00	.00	.00	0.3
4	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.1
5	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
6	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
7	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
8	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
9	.00	.00	.03	.00	.00	.03	.00	.00	.00	0.0
10	.03	.00	.00	.03	.00	.00	.00	.00	.00	0.4
11	.00	.00	.03	.00	.00	.03	.00	.00	.03	0.0
12	.03	.00	.07	.03	.00	.00	.03	.00	.00	2.4
13	.06	.00	.00	.00	.00	.00	.00	.00	.00	0.6
14	.00	.00	.03	.00	.00	.00	.00	.00	.00	0.1
15	.03	.00	.03	.00	.00	.03	.00	.00	.03	0.4
16	.03	.00	.00	.03	.00	.00	.03	.00	.00	8.5
17	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.1
18	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.1
19	.00	.00	.13	.00	.00	.06	.00	.00	.06	0.0
20	.13	.00	.04	.06	.00	.03	.06	.00	.00	4.2
21	.03	.00	.17	.03	.00	.10	.00	.00	.06	0.4

Rainfall: (ram)

Pre-rainy season	: 67.7	Post-rainy dry season	: -
Rainy season	: 408.2	Winter rainy season	: -
Post rainy season	: 75.6	Dry season	: 29.5

Annual : 581.0

TABLE 7

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT AMRITSAR

Std. Wk.	> 5 mm W	W/W	W/D	> 10 mm W	W/W	W/D	> 20 mm W	W/W	W/D	Mean (mm)
				P R E - R A I N Y S E A S O N						
19	.34	.10	.05	.03	.00	.00	.03	.00	.00	3.8
20	.17	.20	.38	.17	.00	.04	.03	.00	.04	3.2
21	.21	.33	.13	.03	.00	.18	.00	.00	.03	2.3
22	.17	.00	.25	.07	.00	.04	.03	.00	.00	2.4
23	.21	.00	.22	.14	.00	.08	.03	.00	.04	3.1
24	.31	.22	.20	.21	.17	.13	.17	.00	.04	6.6
25	.28	.25	.33	.17	.20	.21	,17	.20	.17	9.0
				R A I N Y S E A S O N						
26	.45	.31	.25	.34	.30	.11	.24	.43	.09	10.9
27	.66	.47	.40	.59	.41	.25	.52	.33	.14	32.2
28	.79	.70	.50	.79	.61	.50	.72	.48	.63	43.4
29	.83	.83	.60	.79	.87	.50	.69	.80	.56	61.5
30	.79	.83	.83	.62	.83	.73	.59	.76	.58	50.4
31	.83	.79	.80	.69	.70	.44	.55	.69	.46	36.5
32	.90	.85	.67	.11	.70	.67	.66	.58	.50	40.0
33	.83	.92	.80	.59	.76	.83	.55	.69	.62	38.5
34	.66	.84	.80	.52	.60	.57	.45	.46	.63	30.8
35	.66	.79	.40	.52	.53	.50	.41	.50	.41	25.3
36	.59	.71	.58	.55	.56	.46	.45	.46	.38	39.3
37	.48	.71	.47	.41	.67	.47	.31	.56	.40	17.2
				P O S T - R A I N Y S E A S O N						
38	.24	.43	.50	.17	.40	.42	.14	.50	.28	24.1
39	.31	.33	.20	.28	.38	.10	.21	.17	.13	15.5
40	.21	.50	.26	.21	.50	.22	.07	.50	.19	18.0
41	.21	.17	.22	.10	.33	.19	.07	.00	.07	6.6
42	.10	.00	.23	.03	.00	.11	.00	.00	.07	1.2
43	.07	.50	.07	.03	.00	.04	.03	.00	.00	1.4
44	.07	.00	.07	.0-7	.00	.04	.00	.00	.03	1.0

...Table continued

Std. Wk.	≥ 5 mm W	W/W	W/D	≥10 mm W	W/W	W/D	≥20 mm W	W/W	W/D	Mean (mm)
45	.03	1.00	.04	.03	1.00	.04	.03	.00	.00	2.3
46	.07	.00	.04	.03	.00	.04	.00	.00	.03	0.6
47	.10	.00	.08	.10	.00	.04	.00	.00	.00	1.6
48	.07	.50	.07	.03	1.00	.07	.00	.00	.00	0.8
49	.10	.33	.04	.10	.00	.04	.07	.00	.00	2.6
				WINTER RAINS						
50	.31	.11	.10	.31	.11	.10	,21	.00	.09	8.2
51	.17	.40	.29	.10	.67	.27	.00	.00	.21	2.1
52	.21	.33	.13	.21	.33	.04	.07	.00	.00	5.1
1	.24	.00	.00	.10	.00	.00	.07	.00	.00	4.8
2	.41	.33	.18	.41	.17	.06	.14	.25	.04	9.3
3	.31	.22	.50	.24	.14	.50	.14	.25	.12	8.5
4	.21	.33	.30	.14	.25	.24	.10	.30	.12	4.8
5	.38	.18	.22	.21	.00	.17	.14	.00	.12	8.7
6	.17	.80	.29	.10	.67	.15	.03	.00	.14	3.0
7	.28	.13	.19	.21	.00	.13	.10	.00	.04	5.6
8	.38	.36	.22	.24	.14	.23	.21	.00	.13	8.6
9	.28	.50	.33	.14	.50	.20	.10	.67	.15	4.8
10	.17	.20	.29	.17	.00	.17	.10	.00	.12	5.1
11	.24	.29	.14	.17	.40	.13	.10	.33	.08	5.8
12	.38	.36	.17	.28	.13	.19	.17	.00	.13	8.7
13	.17	.80	.29	.17	.60	.21	.17	.40	.13	7.0
14	.28	.38	.10	.17	.40	.13	.07	.50	.15	6.0
15	.21	.17	.30	.14	.25	.16	.03	.00	.07	3.1
16	.17	.40	.17	.17	.20	.13	.07	.00	.04	3.8
17	.03	.00	.18	.00	.00	.17	.00	.00	.07	0.8
18	.07	.00	.04	.00	.00	.00	.00	.00	.00	0.8

Rainfall: (mm)

Pre-rainy season : 30.4

Rainy season : 426.0

Post-rainy 9eason : 75.7

Post rainy dry season: -

Winter rainy season : *114.* 6

Dry season : -

Annual: 646.7

TABLE 8

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT ANAND

Std. Wk.	>5 mm W	>5 mm W/W	>5 mm W/D	>10 mm W	>10 mm W/W	>10 mm W/D	>20 mm W	>20 mm W/W	>20 mm W/D	Mean (mm)
				P R E - R A I N Y S E A S O N						
23	.13	.25	.08	.13	.25	.08	.10	.33	.07	06.4
24	.37	.27	.05	.30	.22	.10	.27	.13	.09	15.4
				R A I N Y S E A S O N						
25	.47	.29	.44	.40	.33	.28	.30	.33	.24	30.4
26	.70	.48	.44	.60	.39	.42	.53	.31	.29	49.8
27	.87	.69	.75	.77	.65	.43	.77	.65	.14	97.6
28	.90	.85	1.00	.80	.75	.88	.70	.81	.67	93.1
29	.87	.88	1.00	.80	.79	.83	.67	.85	.40	80.9
30	.83	.88	.80	.83	.80	.80	.80	.71	.50	81.8
31	.77	.96	.43	.73	.95	.50	.63	.89	.64	76.4
32	.87	.81	.50	.80	.76	.67	.60	.61	.67	66.2
33	.77	.87	.86	.70	.86	.67	.57	.76	.38	53.2
34	.53	.94	.57	.50	.86	.53	.40	.67	.50	34.2
35	.73	.64	.25	.70	.62	.22	.53	.56	.21	37.2
36	.70	.71	.78	.60	.78	.58	.53	.69	.36	57.0
37	.60	.83	.50	.50	.80	.40	.43	.77	.35	38.3
38	.50	.67	.53	.50	.53	.47	.37	.55	.37	39.0
				P O S T - R A I N Y S E A S O N						
39	.40	.67	.39	.30	.78	.38	.23	.57	.30	22.8
40	.23	.71	.30	.20	.50	.25	.07	.50	.21	05.3
41	.20	.33	.21	.20	.33	.17	.17	.20	.04	07.1
				D R Y - S E A S O N						
42	.07	.50	.18	.03	.00	.21	.03	.00	.17	01.4
43	.10	.00	.07	.03	.00	.03	.00	.00	.03	01.1
44	.03	1.00	.07	.00	.00	.03	.00	.00	.00	00.4
45	.03	.00	.03	.03	.00	.00	.03	.00	.00	00.7
46	.03	.00	.03	.03	.00	.03	.03	.00	.03	01.1
47	.07	.00	.04	.07	.00	.04	.03	.00	.03	01.9
48	.03	.00	.07	.03	.00	.07	.03	.00	.03	00.9

...Table continued

Std. Wk.	>5 mm W	W/W	W/D	>10 mm W	W/W	W D	> 20 mm W	W/W	W/D	Mean (mm)
49	.00	.00	.03	.00	.00	.03	.00	.00	.03	0.0
50	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
51	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
52	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
1	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.1
2	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
3	.03	.00	.00	.03	.00	.00	.03	.00	.00	1.0
4	.00	.00	.03	.00	.00	.03	.00	.00	.03	0.1
5	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
6	.03	.00	.00	.00	.00	.00	.00	.00	.00	0.1
7	.00	.00	.03	.00	.00	.00	.00	.00	.00	0.0
8	.03	.00	.00	.03	.00	.00	.03	.00	.00	0.8
9	.00	.00	.03	.00	.00	.03	.00	.00	.03	0.0
10	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
11	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
12	.03	.00	.00	.03	.00	.00	.03	.00	.00	0.8
13	.00	.00	.03	.00	.00	.03	.00	.00	.03	0.0
14	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
15	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.1
16	.03	.00	.00	.03	.00	.00	.03	.00	.00	2.7
17	.00	.00	.03	.00	.00	.03	.00	.00	.03	0.0
18	.03	.00	.00	.03	.00	.00	.00	.00	.00	0.5
19	.00	.00	.03	.00	.00	.03	.00	.00	.00	0.0
20	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
21	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
22	.10	.00	.00	.10	.00	.00	.10	.00	.00	3.7

Rainfall:(mm)

Pre-rainy season : 21.8

Rainy season : 835.1

Post-rainy season ; 35.2

Post-rainy dry season: 17.4

Winter rainy season : -

Dry season : -

Annual: 909.5

TABLE 9

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT ANANTPUR

Std. Wk.	> 5 mm W	> 5 mm W/W	> 5 mm W/D	> 10 mm W	> 10 mm W/W	> 10 mm W/D	> 20 mm W	> 20 mm W/W	> 20 mm W/D	Mean (mm)
				P R E - R A I N Y S E A S O N						
13	.15	.11	.06	.10	.00	.02	.03	.00	.02	2.9
14	.15	.33	.12	.08	.20	.09	.05	.00	.04	2.6
15	.17	.10	.16	.12	.14	.08	.07	.00	.05	3.3
16	.24	.36	.11	.15	.11	.12	.08	.00	.07	5.3
17	.15	.00	.28	.08	.00	.17	.03	.00	.09	2.5
18	.29	.24	.12	.22	.15	.07	.14	.00	,04	9.6
19	.36	.19	.34	.20	.25	.21	.12	.29	.12	7.3
				R A I NY S E A S O N						
20	.46	.41	.31	.34	.25	.18	.25	.20	.09	13.9
21	.56	.39	.54	.46	.30	.38	.31	.22	.27	18.5
22	.56	.61	.50	-46	.52	.41	.32	.42	.25	17.1
23	.61	.67	.39	.49	.59	.33	.36	.38	.29	21.0
24	.29	.59	.62	.17	.40	.51	.15	.11	.40	7.5
25	.36	.33	.26	.22	.23	.15	.15	.22	,14	7,3
26	.56	.27	.46	.39	.13	.28	.22	.15	.15	13.0
27	.37	.64	.51	.22	.62	.33	.14	.50	.18	7.6
28	.42	.32	.41	.29	.12	.26	.15	.22	.12	10.1
29	.47	.46	.39	.39	.35	.25	.25	.07	.18	18.6
30	.47	.57	.39	.31	.56	.32	.24	.43	.20	15.3
31	.49	.55	.40	.41	.42	.23	.25	.27	.23	14.6
32	.31	.78	.37	.20	.75	.32	.17	.50	.20	10.8
33	.49	.38	.23	.41	.25	.17	.34	.20	.15	19.6
34	.47	.61	.39	.41	.58	.29	.31	.50	.27	25.7
35	.49	.48	.47	.39	.35	.44	.29	.29	.31	17.5
36	.51	.40	.59	.47	.39	.39	.27	.25	.30	15.8
37	.53	.58	.43	.47	.54	.42	.36	.33	.24	28.8
38	.66	.59	.40	.61	.53	.39	.56	.39	.31	54.0
39	.76	.67	.64	.64	.66	.52	.49	.62	.50	39.8

...Table continued.

Std.	> 5 mm			> 10 mm			> 20 mm			Mean
Wk.	W	W/W	W/D	W	W/W	W/D	W	W/W	W/D	(mm)
40	.64	.82	.67	.64	.66	.52	.49	.62	.50	39.8
41	.63	.75	.55	.58	.65	.44	.46	.48	.31	35.5
42	.46	.63	.63	.41	.67	.51	.31	.50	.44	14.8
43	.42	.56	.38	.39	.52	.33	.27	.44	.26	20.0
44	.46	.44	.41	.39	.43	.36	.25	.27	.27	15.4
				P O S T - R A I N Y S E A S O N						
45	.36	.76	.29	.32	.58	.30	.25	.47	.18	16.3
46	.31	.56	.27	.25	.40	.30	.15	.33	.24	9.8
47	.25	.40	.27	.22	.15	.28	.08	.20	.15	6.6
				D R Y S E A S O N						
48	.12	.43	.23	.12	.43	.19	.05	.33	.07	3.7
49	.12	.29	.10	.08	.40	.09	.02	.00	.05	3.0
50	.15	.33	.09	.12	.29	.06	.08	.00	.02	4.1
51	.07	1.00	.14	.02	.00	.12	.02	.00	.09	0.6
52	.03	.50	.00	.00	.00	.02	.00	.00	.02	0.3
1	.07	.00	.00	.03	.00	.00	.03	.00	.00	1.5
2	.02	1.00	.05	.02	1.00	.02	.02	1.00	.02	1.6
3	.02	.00	.02	.00	.00	.02	.00	.00	.02	0.2
4	.00	.00	.02	.00	.00	.00	.00	.00	.00	0.1
5	.07	.00	.00	.05	.00	.00	.03	.00	.00	3.1
6	.03	.00	.07	.02	.00	.05	.00	.00	.03	0.4
7	.00	.00	.03	.00	.00	.02	.00	.00	.00	0.0
8	.07	.00	.00	.03	.00	.00	.00	.00	.00	0.9
9	.03	.00	.07	.03	.00	.04	.03	.00	.00	0.8
10	.03	.00	.04	.00	.00	.03	.00	.00	.03	0.3
11	.02	.00	.03	.02	.00	.00	.02	.00	.00	0.5
12	.07	.00	.02	.02	.00	.02	.02	.00	.02	0.9

Rainfall: (mm)

Pre-rainy season	33.5	Post-rainy dry season	22.0
Rainy season	502.0	Winter rainy season	
Post-rainy season	32.7	Dry season	

Annual: 590.2

TABLE 10

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT AURANGABAD

Std. wk.	>5 mm W	>5 mm W/W	>5 mm W/D	>10 mm W	>10 mm W/W	>10 mm W/D	>20 mm W	>20 mm W/W	>20 mm W/D	Mean (mm)
				P R E - R A I N Y S E A S O N						
21	.23	.50	.20	.20	.A3	.14	.14	.20	.13	8.4
22	.27	.63	.57	.20	.43	.54	.14	.30	.42	7.4
				R A I N Y S E A S O N						
23	.59	.78	.69	.51	.67	.68	.40	.54	.55	21.3
24	.74	.81	.72	.67	.77	.78	.54	.71	.56	35.6
25	.79	.89	.80	.77	.81	.75	.64	.67	.64	37.2
26	.87	.92	.78	.80	.86	.86	.66	.70	.63	44.3
27	.90	.79	1.00	.86	.70	.90	.67	.64	.61	42.0
28	.81	.88	.85	.73	.82	.89	.63	.75	.58	37.6
29	.87	.98	.78	.84	.83	.64	.69	.73	.59	39.7
30	.96	.87	1.00	.80	.84	.57	.69	.69	.36	40.8
31	.87	.77	.56	.79	.64	.47	.59	.41	.34	44.6
32	.74	.87	.50	.60	.62	.39	.39	.48	.19	24.8
33	.77	.80	.69	.53	.70	.52	.30	.52	.45	22.9
34	.77	.76	.81	.61	.67	.44	.47	.64	.30	33.0
35	.77	.85	.56	.59	.73	.55	.46	.56	.45	35.8
36	.79	.67	.60	.66	.65	.54	.50	.57	.37	36.5
37	.66	.80	.79	.61	.70	.70	.47	.52	.54	41.4
38	.80	.68	.43	.70	.55	.48	.53	.41	.36	37.0
39	.63	.68	.27	.53	.62	.24	.39	.63	.21	33.2
40	.53	.30	.36	.44	.23	.31	.37	.19	.09	21.2
				P O S T R A I N Y S E A S O N						
41	.33	.26	.23	.27	.21	.22	.13	.22	.11	11.9
42	.24	.24	.21	.21	.20	.16	.13	.00	.10	9.5
43	.21	.40	.11	.17	.33	.12	.09	.17	.09	5.8
44	.17	.25	.19	.16	.18	.17	.10	.14	.13	5.6
45	.20	.43	.09	.17	.42	.03	.13	.33	.05	9.0
46	.16	.36	.15	.10	.43	.14	.09	.33	.06	4.0
47	.19	.23	.11	.17	.17	.10	.09	.33	.05	6.0

...Table continued

Std. wk.	> 5 mm W	W/W	W/D	> 10 mm W.	W/W	W/D	> 20 mm W	W/W	W/D	Mean (mm)
				DRY SEASON						
48	.13	.33	.02	.11	.38	.02	.07	.00	.03	4.7
49	.06	.25	.08	.06	.25	.03	.03	.50	.03	1.8
50	.09	.17	.13	.04	.33	.09	.04	.00	.06	2.6
51	.13	.11	.03	.10	.14	.03	.06	.00	.02	3.6
52	.04	.00	.09	.04	.00	.07	.01	.00	.03	0.9
1	.09	.17	.03	.07	.20	.00	.03	.00	.01	2.1
2	.04	.00	.07	.01	.00	.04	.01	.00	.01	0.8
3	.07	.00	.02	.04	.00	.01	.01	.00	.01	1.2
4	.01	.00	.06	.01	.00	.04	.01	.00	.04	0.4
5	.06	.25	.05	.04	.33	.03	.04	.00	.01	1.8
6	.06	.25	.05	.04	.00	.01	.01	.00	.00	1.0
7	.06	.00	.05	.01	.00	.04	.00	.00	.01	0.6
8	.04	.67	.03	.04	.67	.01	.01	1.00	.03	1.3
9	.06	.25	.05	.04	.33	.03	.04	.33	.01	1.2
10	.06	.00	.03	.04	.00	.01	.03	.00	.00	1.4
11	.03	.50	.04	.01	.00	.01	.00	.00	.00	0.6
12	.06	.25	.08	.01	1.00	.03	.00	.00	.00	0.7
13	.09	.17	.09	.04	.00	.04	.00	.00	.00	1.2
14	.10	.14	.11	.04	.00	.07	.00	.00	.04	1.3
15	.11	.13	.10	.07	.20	.05	.04	.00	.03	1.8
16	.10	.29	.06	.06	.25	.05	.03	.00	.01	1.6
17	.09	.00	..11	.06	.00	.06	.01	.00	.01	1.3
18	.10	.14	.03	.06	.25	.03	.01	.00	.03	1.7
19	.04	.00	.12	.04	.00	.07	.03	.00	.04	1.2
20	.11	.38	.21	.07	.40	.18	.04	.00	.15	2.9

Rainfall: (mm)

Pre-rainy season : 15.8 Post-rainy dry season: —

Rainy season : 628.9 Winter rainy season : -

Post-rainy season : 51.8 Dry season : 39.7

Annual: 736.2

TABLE 11

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT BANARAS

Std.	> 5 mm			> 10 mm			> 20 mm			Mean
Wk.	W	W/W	W/D	W	W/W	W/D	W	W/W	W/D	(mm)
				PRE-RAINY SEASON						
19	.26	.29	.15	.19	.00	.18	.04	.00	.04	4.8
20	.19	.20	.09	.15	.00	.00	.04	.00	.00	2.7
21	.11	.33	.21	.00	.00	.15	.00	.00	.11	0.9
22	.22	.33	.24	.15	.50	.17	.11	.00	.08	5.7
23	.26	.71	.35	.22	.67	.24	.07	.50	.21	8.2
24	.44	.41	.60	.33	.33	.50	.26	.29	.25	17.6
				RAINY SEASON						
25	.52	.71	.85	.44	.67	.53	.26	.86	.50	16.3
26	.78	.76	1.00	.59	.75	.82	.59	.69	.64	44.6
27	.82	.82	.60	.78	.71	.67	.67	.61	.78	49.3
28	.78	.95	1.00	.70	1.00	.88	.67	1.00	.89	79.4
29	.96	.85	.00	.96	.81	.00	.96	.69	.00	96.7
30	.82	.91	.80	.78	.81	.83	.67	.78	.56	49.8
31	.89	.92	1.00	.82	.91	1.00	.70	.79	.75	62.8
32	.93	1.00	1.00	.93	.92	1.00	.78	.91	.83	101.2
33	1.00	.85	.00	.93	.81	.50	.89	.67	.67	83.5
34	.85	.83	1.00	.82	.68	.80	.67	.67	.56	67.5
35	.85	.87	1.00	.70	.79	1.00	.63	.71	.80	60.4
36	.89	.92	.67	.85	.83	.75	.74	.70	.57	54.4
37	.89	.75	.67	.82	.59	.80	.67	.39	.78	82.9
38	.71	.75	.57	.63	.71	.60	.52	.43	.46	37.2
39	.70	.79	.25	.67	.61	.22	.44	.50	.40	36.0
40	.63	.29	.00	.48	.39	.00	.44	.33	.00	24.8
				POST-RAINY SEASON						
41	.19	.80	.14	.19	.80	.14	.15	1.00	.13	9.6
42	.26	.14	.05	.26	.14	.05	.26	.00	.00	10.4
				DRY-SEASON						
43	.07	.00	.08	.07	.00	.08	.00	.00	.07	1.2
44	.07	.00	.04	.07	.00	.00	.07	.00	.00	5.1
45	.04	.00	.04	.00	.00	.04	.00	.00	.04	0.3
46	.04	.00	.08	.04	.00	.08	.04	.00	.04	2.6

...Table continued

Std. Wk.	> 5 mm W	W/W	W/D	> 10 mm W.	W/W	W/D	>20 mm W	W/W	W/D	Mean (mm)
47	.07	.50	.00	.07	.00	.00	.04	.00	.00	1.9
48	.04	.00	.08	.00	.00	.07	.00	.00	.07	0.4
49	.07	.00	.00	.07	.00	.00	.07	.00	.00	2.0
50	.00	.00	.07	.00	.00	.07	.00	.00	.04	0.2
51	.07	.00	.08	.07	.00	.01	.04	.00	.00	1.2
52	.07	.00	.28	.04	.00	.19	.00	.00	.07	1.2
				W I N T E R - R A I N S						
1	.30	.13	.21	.19	.00	.09	.07	.00	.01	4.3
2	.19	.20	.23	.07	.00	.20	.04	.00	.15	2.3
3	.22	.00	.29	.19	.00	.18	.15	.00	.13	7.5
4	.22	.50	.19	.15	.00	.17	.11	.00	.08	5.3
5	.26	.14	.20	.15	.25	.09	.07	.00	.01	6.1
6	.19	.00	.18	.11	.00	.13	.04	.00	.04	5.3
7	.15	.00	.30	.11	.00	.17	.04	.00	.15	2.9
8	.26	.14	.10	.15	.25	.09	.15	.00	.04	7.8
9	.11	.00	.17	.11	.00	.08	.04	.00	.04	2.1
10	.15	.00	.13	.07	.00	.08	.04	.00	.00	2.1
11	.11	.33	.17	.07	.00	.12	.00	.00	.04	1.8
12	.19	.60	.09	.11	.67	.13	.04	1.00	.12	2.6
13	.19	.60	.00	.19	.00	.00	.15	.00	.00	6.0
14	.11	.00	.04	.00	.00	.04	.00	.00	.04	1.1
15	.04	.00	.04	.04	.00	.00	.04	.00	.00	1.0
16	.04	.00	.08	.00	.00	.00	.00	.00	.00	0.4
17	.07	.00	.12	.00	.00	.07	.00	.00	.04	0.6
18	.11	.00	.29	.07	.00	.20	.04	.00	.04	2.3

Rainfall: (mm)

Pre-rainy season : 39.9

Post-rainy dry season: 16.1

Rainy season : 946.8

Winter rainy season : 61.5

Post-rainy season : 20.0

Dry season : -

Annual: 1084.3

TABLE 12

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT BANGALORE

Std. Wk.	> 5 mm			> 10 mm			> 20 mm			Mean (mm)
	W	W/W	W/D	W	W/W	W/D	W	W/W	W/D	
				PRE-RAINY SEASON						
14	.17	.46	.26	.08	.17	.20	.05	.25	.13	3.3
15	.29	.46	.40	.20	.27	.33	.13	.10	.15	10.0
16	.41	.58	.48	.32	.29	.33	.15	.27	.19	9.1
				RAINY SEASON						
17	.52	.59	.56	.32	.42	.37	.20	.33	.25	13.2
18	.57	.56	.47	.39	.59	.37	.27	.45	.27	16.8
19	.52	.69	.83	.45	.59	.68	.32	.46	.45	21.3
20	.76	.79	.72	.64	.60	.70	.45	.53	.46	28.2
21	.77	.71	.59	.64	.56	.59	.49	.43	.42	25.9
22	.68	.67	.54	.57	.49	.47	.43	.25	.44	26.7
23	.63	.55	.68	.48	.39	.36	.36	.33	.17	18.6
24	.60	.56	.43	.37	.43	.30	.23	.24	.14	13.4
25	.51	.58	.46	.35	.42	.45	.16	.25	.27	11.0
26	.52	.80	.61	.44	.61	.52	.27	.40	.29	13.3
27	.71	.62	.64	.56	.52	.49	.32	.33	.33	20.2
28	.63	.79	.64	.51	.58	.68	.33	.44	.34	19.8
29	.73	.73	.75	.63	.57	.43	.37	.46	.23	21.7
30	.73	.78	.60	.52	.59	.53	.32	.50	.31	20.5
31	.73	.75	.45	.56	.67	.52	.37	.46	.38	21.5
32	.67	.76	.56	.60	.71	.53	.41	.52	.43	2'5.9
33	.69	.87	.61	.64	.83	.59	.47	.71	.33	27.9
34	.79	.66	.69	.75	.59	.58	.51	.40	.35	32.7
35	.67	.64	.48	.59	.52	.45	.37	.36	.34	24.7
36	.59	.75	.55	.49	.65	.55	.35	.46	.37	23.7
37	.67	.84	.68	.60	.82	.63	.40	.70	.58	31.0
38	.79	.74	.75	.75	.70	.63	.63	.64	.39	48.2
39	.75	.71	.63	.68	.63	.71	.55	.56	.62	48.5
40	.69	.79	.61	.65	.67	.58	.59	.59	.45	46.1

..Table continued

Std. Wk.	> 5 mm W	W/W	W/D	> 10 mm ' W	W/W	W/D	>20 mm W	W/W	W/D	Mean (mm)
41	.73	.78	.50	.64	.60	.48	.53	.35	.34	44.4
42	.71	.60	.41	.56	.57	.33	.35	.46	.33	30.9
43	.55	.44	.62	.47	.34	.48	.37	.32	.32	25.2
44	.52	.56	.31	.41	.55	.23	.32	.50	.20	20.9
45	.44	.49	.41	.36	.37	.27	.29	.27	.11	21.0
46	.44	.46	.31	.31	.30	.31	.16	.17	.24	11.5
				POST-RAINY SEASON						
47	.37	.25	.19	.31	.13	.17	.23	.12	.05	12.3
48	.21	.31	.17	.16	.25	.13	.07	.00	.09	5.3
49	.20	.27	.22	.15	.09	.11	.08	.17	.04	5.0
50	.23	.12	.05	.11	.13	.05	.05	.00	.01	3.9
				DRY SEASON						
51	.07	.20	.03	.05	.25	.00	.01	.00	.00	1.6
52	.04	.00	.11	.01	.00	.05	.00	.00	.03	0.6
1	.10	.13	.13	.05	.00	.09	.03	.00	.04	1.6
2	.13	.10	.02	.08	.00	.03	.04	.00	.01	2.3
3	.03	.00	.01	.03	.00	,00	.01	.00	.00	1.1
4	.01	.00	.03	.00	.00	.03	.00	.00	.01	0.2
5	.03	.00	.03	.03	.00	.03	.01	.00	.01	1.0
6	.03	.00	.07	.03	.00	.06	.01	.00	.01	0.5
7	.07	.40	.09	.05	.00	.09	.01	.00	.07	1.1
8	.11	.00	.05	.08	.00	.04	.07	.00	.01	4.1
9	.04	.00	.08	.04	.00	.04	.01	.00	.04	1.0
10	.08	.33	.06	.04	.00	.06	.04	.00	.03	1.8
11	.08	.17	.12	.05	.00	.09	.03	.00	.06	1.4
12	.12	.11	.12	.08	.17	.09	.05	.00	.06	2.5
13	.12	.11	.18	.09	.00	.09	.05	.00	.06	2.5

Rainfall: (mm)

Pre-rainy season : 22.4

Rainy season : 754.7

Post-rainy season : 26.5

Post-rainy dry season: 26.5

Winter-rainy season : -

Dry season : -

Annual: 826.9

TABLE 13

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT BANSWARA

Std. Wk.	>5 mm W	>5 mm W/W	>5 mm W/D	>10 mm W	>10 mm W/W	>10 mm W/D	>20 mm W	>20 mm W/W	>20 mm W/D	Mean (mm)
				PRE-RAINY SEASON						
22	.20	.38	.25	.14	.33	.16	.09	.33	.10	5.3
23	.28	.44	.49	.18	.42	.40	.12	.38	.25	8.8
24	.48	.58	.50	.40	.50	.49	.26	.41	.46	19.0
				RAINY SEASON						
25	.54	.83	.63	.49	.81	.52	.45	.62	.44	30.0
26	.74	.77	.94	.66	.70	.91	.52	.65	.74	41.8
27	.82	.91	.83	.77	.88	.80	.69	.82	.85	63.5
28	.89	.84	.71	.86	.80	.78	.83	.67	.64	71.1
29	.83	.83	.73	.80	.83	.62	.66	.74	.64	54.0
30	.82	.89	.83	.78	.82	.64	.71	.78	.47	92.5
31	.88	.91	.38	.78	.84	.50	.69	.76	.40	91.7
32	.85	.82	.60	.77	.72	.47	.65	.71	.39	55.9
33	.78	.78	.79	.66	.79	.59	.60	.69	.54	59.3
34	.78	.80	.57	.72	.79	.44	.63	.71	.50	73.3
35	.75	.73	.56	.69	.58	.40	.63	.51	.38	82.5
36	.69	.64	.30	.52	.62	.35	.46	.60	.29	52.9
37	.54	.57	.50	.49	.53	.42	.43	.54	.38	40.0
38	.54	.37	.27	.48	.29	.26	.45	.21	.19	40.2
39	.32	.43	.16	.28	.22	.13	.20	.08	.12	15.9
				POST-RAINY SEASON						
40	.25	.25	.10	.15	.30	.09	.11	.29	.09	8.2
41	.14	.22	.02	.12	.00	.00	.11	.00	.00	7.2
42	.05	.00.	.05	.00	.00	.03	.00	.00	.02	0.3
43	.05	.00	.06	.03	.00	.05	.02	.00	.03	1.0
				DRY SEASON						
44	.06	.00	.07	.05	.00	.05	.03	.00	.03	3.8
45	.06	.25	.02	.05	.33	.00	.03	.50	.00	1.6
46	.03	.00	.13	.02	.00	.11	.02	.00	.03	0.8
47	.12	.13	.02	.11	.00	.02	.03	.00	.02	2.1

...Table continued

Std. Wk.	>5 mm W	W/W	W/D	> 10 mm W	W/W	W/D	> 20 mm W	W/W	W/D	Mean (mm)
48	.03	.13	1.00	.02	.00	.03	.02	.00	.00	0.5
49	.03	.00	1.00	.03	.00	.02	.00	.00	.02	0.4
50	.05	.00	.67	.02	1.00	.00	.02	1.00	.00	1.2
51	.05	.33	.67	.02	.00	.00	.02	.00	.00	0.9
52	.02	.00	1.00	.00	.00	.03	.00	.00	.03	0.2
1	.08	.00	.05	.03	.00	.02	.03	.00	.00	1.3
2	.05	.00	.03	.02	.00	.02	.00	.00	.00	0.6
3	.03	1.00	.05	.02	.00	.05	.00	.00	.00	0.6
4	.08	.20	.02	.05	.33	.00	.00	.00	.02	0.8
5	.03	.00	.02	.02	.00	.02	.02	.00	.02	0.8
6	.02	1.00	.05	.02	.00	.02	.02	.00	.00	0.4
7	.06	.25	.05	.02	1.00	.02	.00	.00	.00	0.5
8	.06	.25	.02	.03	.00	.03	.00	.00	.03	0.7
9	.03	.00	.02	.03	.00	.02	.03	.00	.00	1.0
10	.02	.00	.03	.02	.00	.02	.00	.00	. 00	0.3
11	.03	.00	.02	.02	.00	.02	.00	.00	.02	0.4
12	.02	1.00	.03	.02	1.00	.02	.02	.00	.00	1.3
13	.05	.00	.02	.03	.00	.02	.00	.00	.02	0.6
14	.02	.00	.02	.02	.00	.00	.02	.00	.00	0.4
15	.02	.00	.00	.00	.00	.00	.00	.00	.00	0.2
16	.00	.00	.02	.00	.00	.00	.00	.00	.00	0.1
17	.02	.00	.03	.00	.00	.03	.00	.00	.02	0.1
18	.03	.00	.03	.03	.00	.03	.02	.00	.03	0.7
19	.03	.00	.05	.03	.00	.03	.03	.00	.02	1.0
20	.05	.00	.02	.03	.00	.02	.02	,00	.00	1.5
21	.02	.00	.20	.02	.00	.14	.00	.00	.09	0.2

Rainfall: (mm)

Pre-rainy season : 33.1

Rainy season : 864.6

Post-rainy season : 16.7

Post-rainy dry season: -

Winter rainy season : -

Dry season : 25.0

Annual: 939.4

TABLE 14

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT BAREILLY

Std.	> 5 mm			>10 mm			>20 mm			Mean
Wk.	W	W/W	W/D	W	W/W	W/D	W	W/W	W/D	(mm)
				PRE-RAINY SEASON						
19	.30	.25	.15	.21	.07	.12	.11	.00	.05	5.7
20	.18	.25	.19	.11	.14	.07	.05	.00	.05	3.1
21	.20	.31	.28	.08	.40	.25	.05	.33	.17	2.9
22	.29	.47	.23	.26	.41	.20	.18	.33	.15	8.7
23	.30	.60	.46	.26	.35	.33	.18	.25	.28	11.7
				RAINY SEASON						
24	.50	.73	.55	.33	.77	.52	.27	.61	.44	18.0
25	.64	.76	.50	.61	.73	.42	.48	.63	.32	43.0
26	.67	.77	.82	.61	.75	.73	.47	.74	.49	42.4
27	.79	.92	.86	.74	.86	.82	.61	.78	.77	54.5
28	.91	.88	.83	.85	.84	.80	.77	.76	.80	76.3
29	.88	.91	.63	.83	.84	.73	.77	.75	.60	76.4
30	.88	.95	.88	.82	.93	.83	.71	.85	.84	70.1
31	.94	.95	.75	.91	.88	.83	.85	.77	.80	79.9
32	.94	.89	.50	.88	.93	.38	.77	.78	.60	79.6
33	.86	.88	.78	.86	.82	.78	.74	.65	.82	65.0
34	.86	.86	.67	.82	.72	.75	.70	.67	.60	73.5
35	.83	.78	.55	.73	.73	.50	.65	.63	.52	59.8
36	.74	.69	.71	.67	.64	.73	.59	.59	.41	52.8
37	.70	.54	.30	.67	.50	.27	.52	.47	.25	46.0
38	.47	.48	.37	.42	.50	.32	.36	.42	.24	38.9
				POST-RAINY SEASON						
39	.42	.46	.13	.39	.46	.13	.30	.30	.17	27.9
40	.27	.33	.13	.26	.24	.08	.21	.29	.06	25.9
41	.18	.00	.15	.12	.00	.10	.11	.00	.08	19.9
				DRY SEASON						
42	.12	.13	.09	.09	.00	.03	.08	.00	.02	3.8
43	.09	.00	.10	.03	.00	.06	.02	.00	.03	2.0
44	.09	.00	.05	.06	.00	.23	.03	.00	.02	1.4
45	.05	.33	.05	.03	.00	.03	.02	.00	.02	0.9
46	.06	.25	.00	.03	.00	.02	.02	.00	.02	1.9

...Table continued

Std. Wk.	>5 mm W	W/W	W/D	>10 mm W	W/W	W/D	>20 mm W	W/W	W/D	Mean (mm)
47	.02	.00	.03	.02	.00	.03	.02	.00	.00	0.5
48	.03	.50	.05	.03	.00	.03	.00	.00	.02	0.6
49	.06	.00	.08	.03	.00	.05	.02	.00	.02	1.3
50	.08	.20	.11	.05	.00	.06	.02	.00	.03	1.4
51	.12	.25	.16	.06	.25	.06	.03	.00	.05	2.1
					WINTER RAINS					
52	.17	.18	.25	.08	.00	.20	.05	.00	.10	2.8
1	.26	.35	.18	.20	.38	.13	.11	.29	.07	5.5
2	.23	.20	.25	.18	.25	.19	.09	.00	.05	5.1
3	.24	.31	.24	.20	.23	.25	.05	.00	.16	4.3
4	.26	.35	.31	.24	.19	.18	.15	.20	.11	8.0
5	.32	.52	.18	.18	.33	.07	.12	.50	.05	5.7
6	.29	.26	.23	.12	.38	.16	.11	.14	.12	6.6
7	.24	.50	.18	.18	.25	.11	.12	.25	.07	6.3
8	.26	.18	.10	.14	.11	.07	.09	.00	.03	5.7
9	.12	.38	.16	.08	.00	.11	.03	.00	.08	1.9
10	.18	.50	.07	.11	.29	.07	.08	.00	.02	4.5
11	.15	.30	.16	.09	.00	.10	.02	.00	.06	2.1
12	.18	.33	.11	.09	.33	.08	.06	.50	.06	4.0
13	.15	.20	.07	.11	.29	.05	.09	.33	.02	3.7
					DRY SEASON					
14	.09	.00	.12	.08	.00	.05	.05	.00	.02	2.3
15	.11	.14	.05	.05	.33	.05	.02	.00	.06	1.7
16	.06	.25	.13	.06	.00	.03	.06	.00	.00	2.1
17	.14	.11	.05	.03	.00	.05	.00	.00	.02	1.2
18	.06	.50	.29	.05	.67	.19	.02	.00	.11	1.2

Rainfall: (mm)

Pre-rainy season : 32.1

Rainy season :876.2

Post-rainy season : 73.7

Post-rainy dry season: 15.9

Winter rainy season : 66.2

Dry season : 8.5

Annual: 1072.6

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT BELGAUM

TABLE 15

Std. wk.	> 5 mm W	> 5 mm W/W	> 5 mm W/D	> 10 mm W	> 10 mm W/W	> 10 mm W/D	> 20 mm W	> 20 mm W/W	> 20 mm W/D	Mean (mm)
				PRE-RAINY SEASON						
13	.21	.64	.35	.16	.45	.23	.09	.00	.13	4.7
14	.41	.39	.43	.26	.33	.24	.12	.38	.13	7.9
15	.41	.43	.43	.26	.33	.36	.16	.18	.21	8.8
16	.43	.62	.49	.35	.50	.43	.21	.50	.26	10.8
				RAINY SEASON						
17	.54	.57	.65	.46	.45	.51	.31	.24	.36	16.2
18	.60	.41	.26	.49	.33	.23	.32	.18	.20	21.2
19	.35	.71	.52	.28	.53	.45	.19	.54	.35	10.7
20	.59	.50	.64	.47	.53	.39	.38	.50	.21	21.8
21	.56	.71	.37	.46	.68	.27	.32	.50	.26	19.4
22	.56	.74	.67	.46	.77	.62	.34	.70	.49	17.5
23	.71	.85	.85	.69	.72	.81	.56	.61	.53	29.9
24	.85	.90	1.00	.75	.80	.94	.57	.69	.66	48.2
25	.91	.87	.50	.84	.81	.73	.68	.65	.73	44.6
26	.84	.96	1.00	.79	.93	.79	.68	.80	.73	77.7
27	.97	.94	1.00	.90	.89	.86	.78	.83	.73	97.7
28	.94	.94	.75	.88	.92	.75	.81	.91	.77	120.0
29	.93	1.00	.60	.90	.97	.57	.88	.93	.38	107.0
30	.97	1.00	1.00	.93	.94	1.00	.87	.92	.89	111.6
31	1.00	.94	.00	.94	.92	.75	.91	.87	.67	101.8
32	.94	.94	.75	.91	.84	.50	.85	.71	.70	71.2
33	.93	.90	1.00	.81	.93	.38	.71	.77	.45	54.9
34	.91	.87	.67	.82	.70	.58	.68	.59	.32	39.8
35	.85	.76	.70	.68	.63	.45	.50	.44	.29	27.5
36	.75	.71	.65	.57	.51	.55	.37	.32	.42	22.8
37	.69	.81	.76	.53	.72	.69	.38	.50	.52	20.6
38	.79	.81	.64	.71	.77	.60	.51	.66	.42	31.0
39	.78	.74	.87	.72	.67	.74	.54	.59	.45	37.1
40	.76	.83	.69	.69	.68	.67	.53	.56	.38	42.2
41	.79	.63	.71	.68	.43	.55	.47	.34	.44	33.1
42	.65	.59	.29	.47	.59	.33	.40	.41	.29	22.7
43	.49	.55	.29	.46	.42	.27	.34	.30	.20	20.3

...Table continued

Std. wk.	> 5 mm W	W/W	W/D	> 10 mm W	W/W	W/D	> 20 mm W	W/W	W/D	Mean (mm)
				POST-RAINY SEASON						
44	.41	.50	.40	.34	.30	.29	.24	.38	.12	19.1
45	.44	.47	.13	.29	.40	.08	.18	.17	.09	11.6
46	.28	.32	.20	.18	.17	.20	.10	.14	.13	7.4
47	.24	.19	.17	.19	.15	.09	.13	.11	.05	6.7
48	.18	.00	.09	.10	.00	.08	.06	.00	.03	2.9
				DRY SEASON						
49	.07	.20	.13	.07	.00	.11	.03	,0Q	.08	4.1
50	.13	.11	.07	.10	.00	.05	.07	.00	.02	3.7
51	.07	.20	.02	.04	.00	.02	.01	.00	.00	1.7
52	.03	.00	.03	.01	.00	.01	.00	.00	.00	0.5
1	.03	.00	.03	.01	.00	.01	.00	.00	.00	0.3
2	.03	.00	.03	.01	.00	.03	.00	.00	.03	0.5
3	.03	.00	.02	.03	.00	.02	.03	.00	.02	1.3
4	.01	.00	.06	.01	.00	.03	.01	.00	.01	0.4
5	.06	.00	.03	.03	.00	.02	.01	.00	.01	0.8
6	.03	.00	.02	.01	.00	.01	.01	.00	.00	0.9
7	.01	.00	.00	.01	.00	.00	.00	.00	.00	0.3
8	.00	.00	.03	.00	.00	.03	.00	.00	.01	0.0
9										
9	.03	.00	.05	.03	.00	.05	.01	.00	.03	0.7
10	.04	.00	.08	.04	.00	.06	.03	.00	.02	1.3
11	.07	.40	.11	.06	.00	.06	.01	.00	.04	1.8
12	.13	.33	.19	.06	.25	.16	.04	.00	.09	2.6

Rainfall: (mm)

Pre-rainy season : 32.2

Rainy season :1268.5

Post-rainy season : 47.7

Post-rainy dry season: -

Winter rainy season : -

Dry season : 20.9

Annual: 1369.3

TABLE 16

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT BELLARY

Std. wk.	>5mm W	>5mm W/W	>5mm W/D	> 10 mm W	> 10 mm W/W	> 10 mm W/D	> 20 mm W	> 20 mm W/W	> 20 mm W/D	Mean (mm)
				PRE-RAINY SEASON						
14	.23	.13	.20	.13	.00	.11	.04	.00	.09	4.5
15	.19	.23	.26	.10	.14	.16	.09	.17	.05	3.8
16	.26	.44	.37	.16	.36	.20	.06	.50	.09	4.8
17	.39	.52	.37	.23	.13	.26	.11	.13	.15	7.0
18	.43	.43	.30	.23	.19	.31	.14	.00	.18	8.4
19	.36	.60	.51	.29	.45	.40	.16	.36	.19	8.5
20	.54	.58	.53	.41	.48	.37	.21	.07	.25	14.8
21	.56	.62	.26	.41	.48	.34	.21	.33	.18	17.9
22	.46	.44	.53	.40	.36	.52	.21	.27	.35	11.2
23	.49	.35	.36	.46	.22	.26	.33	.13	.11	17.5
24	.36	.40	.22	.24	.24	.11	.11	.00	.10	9.6
25	.29	.60	.40	.14	.30	.28	.09	.17	.14	6.8
26	.46	.41	.37	.29	.25	.24	.14	.00	.13	9.4
27	.39	.52	.47	.24	.35	.26	.11	.25	.15	7.9
28	.49	.47	.50	.29	.55	.20	.16	.27	.17	12.1
29	.49	.47	.39	.30	.24	.20	.19	.23	.12	12.2
30	.43	.47	.30	.21	.47	.25	.14	.40	.13	12.1
31	.37	.27	.32	.30	.14	.14	.17	.17	.09	10.2
32	.30	.67	.41	.14	.40	.40	.10	.29	.22	7.3
33	.49	.59	.25	.40	.57	.17	.23	.38	.19	17.0
34	.41	.59	.41	.33	.48	.32	.23	.31	.19	19.7
				RAINY SEASON						
35	.49	.50	.42	.37	.38	.30	.21	.33	.18	17.2
36	.46	.53	.55	.33	.35	.53	.21	.40	.36	12.5
37	.54	.79	.69	.47	.76	.62	.37	.54	.61	22.4
38	.74	.77	.83	.69	.73	.59	.59	.68	.41	42.6
39	.79	.73	.73	.69	.67	.64	.57	.50	.43	42.1
40	.73	.63	.42	.66	.61	.38	.47	.42	.35	33.0
41	.57	.55	.53	.53	.41	.48	.39	.33	.40	29.2
42	.54	.47	.44	.44	.39	.36	.37	.27	.30	24.2
43	.46	.59	.34	.37	.54	.27	.29	.40	.14	17.1
44	.46	.56	.32	.37	.50	.30	.21	.27	.20	15.5

.Table continued

Std. wk.	> 5 mm W	W/W	W/D	> 10 mm W	W/W	W/D	> 20 mm W	W/W	W/D	Mean (mm)
				POST-RAINY SEASON						
45	.43	.47	.23	.37	.38	,11	.21	.40	.11	13.1
46	.33	.26	.17	.21	.20	.15	.17	.00	.09	10.7
47	.20	.07	.18	.16	.00	.10	.07	.00	.05	5.1
48	.16	.18	.12	.09	.17	,05	.04	.00	.03	6.5
				DRY SEASON						
49	.13	.33	.10	.06	.50	.08	.03	.50	.04	3.6
50	.13	.00	.02	.10	.00	.02	.06	.00	.00	2.9
51	.01	.00	.01	.01	.00	.01	.00	.00	.01	0.4
52	.01	.00	.07	.01	.00	.03	.01	.00	.01	0.5
1	.07	.00	.00	.03	.00	.00	.01	.00	.00	0.8
2	.00	.00	.06	.00	.00	.03	.00	.00	.00	0.2
3	.06	.25	.03	.03	.00	.01	.00	.00	.01	0.7
4	.04	.00	.07	.01	.00	.04	.01	.00	.03	0.8
5	.07	.00	.06	.04	.00	.01	.03	.00	.00	2.3
6	.06	.00	.02	.01	.00	.00	.00	.00	.00	0.5
7	.01	.00	.04	.00	.00	.03	.00	.00	,03	0.2
8	.04	.00	.04	.03	.00	.03	.03	.00	.00	1.2
9	.04	.00	.03	.03	.00	.00	.03	.00	.00	1.3
10	.03	.00	.07	.00	.00	.04	.00	.00	.01	0.3
11	-.07	.20	.02	.04	.00	.01	.01	.00	.00	1.0
12	.03	.50	.10	.01	.00	.06	.00	.00	.03	0.6
13	.11	.50	.19	.06	.00	.14	.03	.00	.04	2.1

Rainfall: (mm)

Pre-rainy season : 22.7

Rainy season : 255.8

Post-rainy season : 35.4

Post-rainy dry season:-

Winter rainy season : -

Dry season : 19.4

Annual: 533.3

TABLE 17

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT BHIR

Std. Wk.	> 5 mm W	W/W	W/D	> 10 mm W	W/W	W/D	> 20 mm W	W/W	W/D	Mean (mm)
				PRE-RAINY SEASON						
21	.26	.72	.18	.22	.60	.15	.13	.44	.18	8.5
22	.32	.73	.68	.25	.65	.58	.22	.40	.33	11.3
				RAINY SEASON						
23	.70	.67	.62	.59	.49	.57	.35	.50	.38	23.2
24	.65	.71	.79	.52	.67	.67	.42	.45	.45	23.7
25	.74	.73	.56	.67	.61	.61	.45	.39	.53	30.7
26	.68	.81	.77	.61	.64	.70	.46	.53	.54	32.6
27	.80	.67	.71	.67	.57	.48	.54	.32	.22	29.6
28	.68	.74	.77	.54	.65	.56	.28	.63	.40	17.7
29	.75	.75	.65	.61	.64	.59	.46	.41	.51	33.8
30	.72	.82	.47	.62	.72	.35	.46	.69	.16	33.6
31	.72	.66	.47	.58	.53	.38	.41	.46	.24	31.2
32	.61	.62	.56	.46	.53	.41	.33	.52	.30	21.7
33	.59	.71	.50	.46	.66	.41	.38	.62	.28	25.2
34	.62	.67	.62	.52	.67	.48	.41	.64	.34	34.0
35	.65	.76	.75	.58	.68	.72	.46	.66	.54	35.5
36	.75	.75	.41	.70	.65	.48	.59	.56	.36	50.8
37	.67	.80	.87	.59	.76	.71	.48	.70	.61	47.5
38	.83	.68	.67	.74	.65	.61	.65	.58	.38	45.1
39	.68	.70	.32	.64	.57	.24	.51	.37	.24	48.3
40	.58	.33	.38	.45	.23	.29	.30	.19	.19	21.8
				POST-RAINY SEASON						
41	.35	.29	.31	.26	.17	.27	.19	.15	.21	10.6
42	.30	.33	.13	.25	.24	.15	.20	.29	.05	13.0
43	.19	.38	.16	.17	.42	.14	.10	.43	.15	7.4
44	.20	.29	.24	.19	.23	.20	.17	.08	.19	9.2
45	.25	.41	.08	.20	.43	.07	.17	.33	.07	8.7
46	.16	.36	.21	.14	.40	.15	.12	.25	.11	6.9
47	.23	.25	.08	.19	.08	.07	.13	.11	.05	7.7

...Table continued

Std. Wk.	> 5 mm W	W/W	W/D	> 10 mm W	W/W	W/D	> 20 mm W	W/W	W/D	Mean (mm)
				DRY SEASON						
48	.12	.13	.05	.07	.20	.03	.06	.25	.03	3.3
49	.06	.50	.11	.04	.33	.09	.04	.00	.06	1.8
50	.13	.22	.08	.10	.14	.08	.06	.25	.03	3.5
51	.10	.14	.03	.09	.17	.03	.04	.00	.00	3.1
52	.04	.00	.11	.04	.00	.06	.00	.00	.03	0.6
1	.10	.14	.08	.06	.00	.06	.03	.00	.01	2.5
2	.09	.00	.03	.06	.00	.02	.01	.00	.01	1.2
3	.03	.00	.01	.01	.00	.00	.01	.00	.00	0.6
4	.01	1.00	.07	.00	.00	.09	.00	.00	.04	0.3
5	.09	.17	.05	.09	.17	.02	.04	.00	.00	2.1
6	.06	.00	.05	.03	.00	.01	.00	.00	.00	0.8
7	.04	.33	.03	.01	.00	.03	.00	.00	.03	0.6
8	.04	.33	.05	.03	.50	.01	.03	.50	.01	1.5
9	.06	.00	.08	.03	.00	.06	.03	.00	.01	1.4
10	.07	.20	.08	.06	.25	.03	.01	.00	.03	1.6
11	.09	.00	.03	.04	.00	.03	.03	.00	.00	1.8
12	.03	.00	.10	.03	.00	.06	.00	.00	.03	0.6
13	.10	.14	.13	.06	.25	.06	.03	.00	.03	1.6
14	.13	.00	.10	.07	.00	.06	.03	.00	.03	2.9
15	.09	.33	.13	.06	.25	.09	.03	.00	.04	2.1
16	.14	.30	.10	.10	.29	.05	.04	.00	.02	2.3
17	.13	.22	.07	.07	.20	.05	.01	.00	.03	1.7
18	.09	.00	.10	.06	.00	.03	.03	.00	.01	2.0
19	.09	.33	.08	.03	.50	.06	.01	.00	.01	1.0
20	.10	.57	.23	.07	.40	.20	.01	.00	.13	1.7

Rainfall: (mm)

Pre-rainy season : 19.8

Rainy season : 586.0

Post-rainy season : 63.5

Post-rainy dry season : -

Winter rainy season : -

Dry season : 42.6

Annual : 711.9

TABLE 18

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT BHUJ

Std. Wk.	>5 mm W	W/W	W/D	> 10 mm W	W/W	W/D	> 20 mm W	W/W	W/D	Mean (mm)
				P R E - R A I N Y S E A S O N						
24	.20	.15	.08	.15	.20	.04	.15	.10	.00	7.8
25	.20	.23	.19	.09	.17	.15	.06	.25	.15	6.3
26	.33	.23	.18	.23	.13	.08	.20	.08	.06	15.7
				R A I N Y S E A S O N						
27	.55	.39	.27	.42	.26	.18	.32	.33	.13	31.5
28	.52	.53	.56	.44	.45	.41	.35	.26	.35	42.9
29	.42	.57	.47	.33	.50	.41	.24	.44	.32	21.2
30	.52	.60	.23	.50	.48	.18	.44	.38	.14	28.6
31	.50	.58	.48	.39	.62	.43	.36	.58	.36	32.8
32	.45	.67	.36	.30	.55	.33	.23	.47	.33	17.7
				P O S T - R A I N Y S E A S O N						
33	.36	.50	.43	.29	.26	.32	.20	.38	.19	18.0
34	.41	.41	.33	.32	.38	.24	.24	.31	.16	14.5
35	.36	.58	.31	.30	.60	.20	.24	.44	.18	19.8
36	.35	.48	.30	.32	.48	.22	.24	.38	.20	24.9
37	.26	.65	.24	.24	.56	.24	.23	.47	.18	14.5
38	.20	.31	.25	.15	.30	.23	.11	.14	.24	07.0
				D R Y - S E A S O N						
39	.14	.56	.14	.08	.20	.15	.05	.13	.10	2.7
40	.11	.57	.08	.06	.50	.08	.06	.50	.02	3.9
41	.06	.25	.10	.03	.00	.06	.03	.00	.06	1.1
42	.09	.33	.03	.05	.00	.03	.02	.00	.03	1.4
43	.05	.33	.08	.03	.00	.05	.02	.00	.02	4.0
44	.02	.00	.05	.00	.00	.03	.00	.00	.02	0.2
45	.02	.00	.02	.02	.00	.00	.02	.00	.00	0.7
46	.06	.00	.02	.05	.00	.02	.00	.00	.02	0.8
47	.02	.00	.06	.02	.00	.05	.02	.00	.00	0.4
48	.03	.00	.02	.02	.00	.02	.00	.00	.02	0.3
49	.00	.00	.03	.00	.00	.02	.00	.00	.00	0.1
50	.02	.00	.00	.02	.00	.00	.00	.00	.00	0.3

...Table continued

Std. Wk.	>5 mm W	>5 mm W/W	>5 mm W/D	>10 mm W	>10 mm W/W	>10 mm W/D	>20 mm W	>20 mm W/W	>20 mm W/D	Mean (mm)
51	.05	.00	.02	.03	.00	.02	.02	.00	.00	1.0
52	.02	.00	.05	.00	.00	.03	.00	.00	.02	0.1
1	.03	.00	.00	.03	.00	.00	.00	.00	.00	0.5
2	.02	1.00	.02	.02	1.00	.02	.00	.00	.00	0.3
3	.02	.00	.02	.02	.00	.02	.00	.00	.00	0.4
4	.03	.00	.02	.02	.00	.02	.00	.00	.00	0.5
5	.05	.00	.03	.03	.00	.02	.00	.00	.00	0.7
6	.03	.00	.05	.02	.00	.03	.02	.00	.00	0.6
7	.05	.67	.00.	.03	.00	.02	.03	.00	.02	1.1
8	.06	.25	.03	.03	.50	.02	.02	.00	.03	1.5
9	.03	.00	.06	.03	.00	.03	.03	.00	.02	1.1
10	.05	.00	.03	.03	.00	.03	.02	.00	.03	0.7
11	.02	1.00	.03	.02	1.00	.02	.00	.00	.02	0.3
12	.02	.00	.02	.02	.00	.02	.02	.00	.00	0.9
13	.02	.00	.02	.00	.00	.02	.00	.00	.02	0.1
14	.02	.00	.02	.02	.00	.00	.00	.00	.00	0.2
15	.02	.00	.02	.00	.00	.02	.00	.00	.00	0.2
16	.00	.00	.02	.00	.00	.00	.00	.00	.00	0.0
17	.02	.00	.00	.02	.00	.00	.00	.00	.00	0.2
18	.02	1.00	.00	.00	.00	.02	.00	.00	.00	0.3
19	.00	.00	.02	.00	.00	.00	.00	.00	.00	o.o
20	.05	.00	.00	.05	.00	.00	.03	.00	.00	4.7
21	.01	1.00	.03	.02	1.00	.03	.02	1.00	.02	0.3
22	.03	.00	.02	.02	.00	.02	.00	.00	.02	0.4
23	.09	.00	.03	.06	.00	.02	.02	.00	.00	2.4

Rainfall: (mm)

Pre-rainy season : 29.8
Rainy season : 174.7
Post-rainy season : 98.7
Post-rainy dry season: 34.4
Winter rainy season : -
Dry season : –

Annual: 337.6

TABLE *19*

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT BIJAPUR

Std. Wk.	>5 mm W	W/W	W/D	>10 mm W	W/W	W/D	> 20 mm W	W/W	W/D	Mean (mm)
				PRE- RAINY SEASON						
13	.19	.00	.15	.10	.00	.12	.01	.00	.02	2.5
14	.25	.35	.14	.12	.00	.12	.06	.00	.02	4.0
15	.25	.24	.26	.13	.00	.14	.04	.00	.06	5.8
16	.22	.40	.21	.10	.29	.12	.06	.25	.03	4.4
17	.34	.22	.23	.22	.07	.12	.10	.14	.05	7.3
18	.30	.20	.40	.21	.14	.25	.13	.22	.09	6.0
19	.28	.42	.25	.13	.33	.19	.07	.20	.13	3.7
20	.28	.37	.25	.19	.31	.09	.13	.00	.09	7.1
				RAINY SEASON						
21	.48	.38	.20	.39	.27	.15	.27	.11	.14	13.1
22	.46	.52	.44	.42	.46	.33	.24	.31	.25	15.4
23	.75	.52	.29	.61	.51	.27	.45	.33	.16	25.6
24	.54	.75	.74	.39	.73	.54	.21	.64	.40	13.1
25	.52	.51	.56	.43	.31	.45	.28	.26	.19	17.1
26	.58	.56	.46	.45	.53	.35	.31	.29	.28	15.4
27	.58	.63	.52	.39	.42	.46	.24	.13	.37	16.2
28	.57	.68	.41	.39	.50	.32	.19	.38	.20	12.4
29	.51	.62	.52	.39	.46	.34	.24	.38	.14	13.1
30	.57	.58	.41	.45	.53	.27	.30	.30	.21	22.5
31	.48	.68	.46	.33	.55	.40	.28	.47	.23	17.2
32	.39	.58	.41	.25	.59	.24	.18	.67	.20	10.6
33	.45	.60	.22	.36	.42	.16	.27	.28	.14	15.2
34	.45	.50	.41	.37	.44	.31	.28	.32	.25	15.9
35	.42	.54	.38	.33	.50	.31	.30	.40	.23	20.8
36	.49	.52	.32	.37	.48	.24	.31	.29	.30	23.3
37	.64	.53	.42	.58	.41	.32	.46	.45	.19	29.0
38	.73	.71	.44	.67	.67	.41	.54	.50	.42	45.8
39	.87	.72	.78	.82	.67	.67	.67	.56	.50	44.1
40	.60	.93	.78	.52	.86	.78	.42	.68	.67	28.7
41	.55	.59	.60	.49	.52	.53	.40	.37	.45	25.4

...Table continued

Std. Wk.	> 5 mm W	> 5 mm W/W	> 5 mm W/D	> 10 mm W	> 10 mm W/W	> 10 mm W/P	> 20 mm W	> 20 mm W/W	> 20 mm W/D	Mean (mm)
				P O S T - R A I N Y S E A S O N						
42	.43	.55	.55	.36	.50	.49	.21	.36	.42	12.7
43	.36	.67	.30	.33	.50	.29	.27	.28	.18	16.1
44	.39	.54	.24	.28	.47	.27	.16	.45	.23	13.0
45	.27	.55	.32	.21	.43	.25	.16	.27	.14	9.1
46	.16	.36	.25	.15	.30	.19	.10	.14	.17	5.6
47	.19	.23	.15	.13	.22	.14	.07	.40	.08	4.6
48	.16	.27	.18	.10	.29	.12	.04	.67	.05	5.2
				D R Y - S E A S O N						
49	.04	.67	.14	.04	.33	.09	.03	.00	.05	1.1
50	.10	.14	.03	.09	.17	.03	.04	.33	.02	2.0
51	.07	.20	.10	.07	.20	.08	.03	.50	.03	1.5
52	.03	.50	.06	.03	.50	.06	.03	.00	.03	0.9
1	.01	.00	.00	.01	.00	.00	.01	.00	.00	1.5
2	.03	.00	.02	.03	.00	.02	.03	.00	.02	0.8
3	.01	.00	.03	.01	.00	.03	.01	.00	.03	0.7
4	.01	1.00	.00	.00	.00	.01	.00	.00	.01	0.2
5	.09	.00	.02	.06	.00	.00	.04	.00	.00	1.8
6	.04	.00	.09	.01	.00	.06	.01	.00	.05	0.6
7	.01	.00	.05	.01	.00	.02	.00	.00	.01	0.2
8	.04	.00	.02	.01	.00	.02	.01	.00	.00	0.9
9	.10	.14	.03	.07	.00	.02	.03	.00	.02	1.8
10	.06	.50	.08	.03	.50	.06	.01	.00	.03	0.8
11	.04	.33	.05	.01	1.00	.02	.01	1.00	.00	0.9
12	.12	.13	.03	.10	.00	.02	.01	.00	.02	2.4

Rainfall: (mm)

Pre-rainy season : 40.8

Rainy season : 439.9

Post-rainy season: 66.3

Post-rainy dry season: 18.1

Winter rainy season : -

Dry season : -

Annual: 565.1

TABLE 20

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT BIKANER

Std. Wk.	> 5 mm W	W/W	W/D	>10 mm W	W/W	W/D	>20 mm W	W/W	W/D	Mean (mm)
				P R E - R A I N Y S E A S O N						
21	.19	.20	.05	.15	.00	.09	.04	.00	.04	3.9
22	.19	.40	.14	.11	.00	.17	.04	.00	.04	3.6
23	.19	.20	.18	.07	.00	.12	.04	.00	.04	3.3
24	.30	.13	.21	.19	.00	.09	.07	.00	.04	6.4
25	.19	.00	.36	.15	.00	.22	.15	.00	.09	6.4
26	.33	.44	.06	.30	.38	.05	.15	.50	.09	8.0
				R A I N Y - S E A S O N						
27	.52	.21	.46	.44	.25	.33	.19	.20	.14	15.2
28	.59	.63	.36	.48	.54	.36	.33	.22	.17	21.8
29	.59	.69	.45	.56	.60	.33	.22	.33	.33	14.3
30	.56	.67	.50	.48	.62	.50	.48	.23	.21	28.4
31	.52	.57	.54	.48	.54	.43	.33	.56	.24	16.2
32	.44	.33	.67	.41	.36	.56	.26	.29	.35	21.8
33	.56	.53	.33	.37	.40	.41	.26	.14	.30	14.0
34	.59	.69	.36	.44	.50	.27	.33	.44	.17	19.0
35	.48	.69	.50	.48	.62	.29	.41	.64	.13	19.8
				P O S T - R A I N Y S E A S O N						
36	.41	.55	.44	.26	.57	.45	.19	.60	.36	19.7
37	.30	.75	.26	.30	.38	.21	.26	.29	.15	11.9
38	.22	.50	.24	.22	.50	.24	.15	.75	.17	6.3
39	.19	.40	.18	.19	.40	.18	.15	.25	.13	15.4
				D R Y - S E A S O N						
40	.11	.33	.17	.07	.50	.16	.07	.50	.12	4.3
41	.07	1.00	.04	.04	.00	.08	.00	.00	.07	0.7
42	.00	.00	.07	.00	.00	.04	.00	.00	.00	0.3
43	.07	.00	.00	.07	.00	.00	.04	.00	.00	1.9
44	.00	.00	.07	.00	.00	.07	.00	.00	.04	0.0
45	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.1
46	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.2

...Table continued

Std. Wk.	>5 mm W	W/W	W/D	>10 mm W	W/W	W/D	>20 mm W	W/W	W/D	Mean (mm)
47	.03	.00	.00	.04	.00	.00	.04	.00	.00	1.7
48	.11	.00	.04	.07	.00	.04	.00	.00	.04	1.4
49	.00	.00	.11	.00	.00	.07	.00	.00	.00	0.2
50	.07	.00	.00	.07	.00	.00	.03	.00	.00	1.8
51	.00	.00	.07	.00	.00	.07	.00	.00	.04	0.1
52	.07	.00	.00	.04	.00	.00	.00	.00	.00	1.1
1	.11	.00	.00	.00	.00	.00	.00	.00	.00	1.2
2	.19	.00	.14	.04	.00	.00	.00	.00	.00	2.0
3	.11	.00	.21	.04	.00	.04	.00	.00	.00	1.4
4	.04	.00	.12	.04	.00	.04	.00	.00	.00	0.8
5	.19	.00	.05	.11	.00	.04	.07	.00	.00	3.0
6	.04	1.00	.15	.04	.00	.12	.00	.00	.07	0.6
7	.04	.00	.04	.04	.00	.04	.04	.00	.00	1.7
8	.19	.00	.05	.11	.00	.04	.04	.00	.04	2.5
9	.04	.00	.19	.00	.00	.11	.00	.00	.04	0.2
10	.04	.00	.04	.04	.00	.00	.00	.00	.00	0.5
11	.19	.00	.05	.11	.00	.04	.07	.00	.00	3.2
12	.11	1.00	.08	.07	.50	.08	.04	.00	.08	2.8
13	.11	.67	.04	.04	1.00	.04	.06	.00	.04	1.3
14	.04	1.00	.08	.04	1.00	.00	.04	.00	.00	1.4
15	.04	.00	.04	.04	.00	.04	.00	.00	.03	0.5
16	.00	.00	.04	.00	.00	.04	.00	.00	.00	0.1
17	.07	.00	.00	.07	.00	.00	.04	.00	.00	2.0
18	.07	.00	.08	.04	.00	.08	.00	.00	.04	0.9
19	.15	.00	.09	.11	.00	.04	.04	.00	.00	3.3
20	.07	.50	.12	.07	.50	.08	.04	.00	.04	2.3

Rainfall (mm)

Pre-rainy season : 31.6

Rainy season : 170.5

Post-rainy season : 53.3

Post-rainy dry season: 45.5

Winter rainy season : -

Dry season : -

Annual: 300.9

TABLE 21

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT CHITRADURGA

Std. Wk.	> 5 mm W	> 5 mm W/W	> 5 mm W/D	> 10 mm W	> 10 mm W/W	> 10 mm W/D	> 20 mm W	> 20 mm W/W	> 20 mm W/D	Mean. (mm)
				P R E - R A I N Y S E A S O N						
13	.16	.27	.19	.13	.11	.07	.03	.00	.02	2.6
14	.20	.43	.13	.07	.20	.11	.01	1.00	.07	2.9
15	.19	.46	.29	.12	.25	.16	.09	.17	.08	5.1
16	.32	.36	.49	.17	.17	.33	.09	.00	.14	6.0
				R A I N Y S E A S O N						
17	.45	.38	.45	.30	.43	.35	.13	.22	.28	8.6
18	.51	.43	.44	.38	.50	.23	.28	.26	.14	16.6
19	.44	.60	.67	.33	.65	.54	.17	.33	.46	11.0
20	.64	.64	.68	.58	.58	.62	.44	.27	,56	22.9
21	.65	.49	.38	.59	.44	.32	.44	.27	.26	26.3
22	.45	.55	.68	.39	.44	.57	.26	.28	.37	14.1
23	.62	.47	.50	.52	.39	.27	.35	.25	.11	21.5
24	.48	.46	.50	.33	.39	.33	.16	.09	.16	10.6
25	.48	.67	.64	.35	.54	.42	.15	.10	.24	9.0
26	.65	.76	.71	.46	.56	.51	.22	.17	.33	13.3
27	.74	.75	.61	.54	.54	.50	.36	.24	.25	15.5
28	.71	.80	.75	.52	.61	.64	.25	.18	.33	15.2
29	.78	.85	.80	.62	.65	.73	.29	.40	.37	18.0
30	.84	.74	.73	.68	.64	.50	.38	.54	.23	20.5
31	.74	.59	.61	.59	.49.	.43	.35	.21	.22	18.1
32	.59	.76	.68	.46	.66	.49	.22	.27	.33	15.6
33	.73	.76	.42	.57	.54	.37	.32	.11	.30	19.2
34	.67	.80	.52	.46	.53	.35	.33	.35	.15	23.3
35	.71	.61	.35	.44	.46	.28	.22	.40	.15	17.4
36	.54	.51	.59	.36	.32	.11	.20	.14	.24	13.0
37	.55	.71	.77	.38	.54	.72	.22	.40	.46	13.6
38	.74	.69	.67	.65	.64	.50	.45	.55	.40	28.3
39	.68	.66	.77	.59	.56	.64	.46	.34	.60	36.5
40	.70	.81	.57	.59	,68	.54	.48	.52	.47	34.2

...Table continued

Std. Wk.	> 5 mm W	W/W	W/D	> 10 mm W	W/W	W/D	> 20 mm W	W/W	W/D	Mean (mm)
41	.74	.55	.50	.62	.37	.42	.49	.24	.37	39.0
42	.54	.60	.38	.39	.63	.26	.30	.57	.25	26.5
43	.49	.41	.31	.41	.29	.32	.35	.29	.22	24.4
				P O S T - R A I N Y		S E A S O N				
44	.36	.60	.30	.30	.48	.31	.25	.24	.21	16.9
45	.41	.64	.15	.36	.52	.16	.22	.40	.11	17.0
46	.35	.29	.22	.29	.30	.21	.17	.25	.16	9.2
47	.25	.06	.19	.23	.00	.11	.17	.00	.07	9.1
48	.16	.09	.10	.09	.00	.11	.06	.00	.08	6.0
				D R Y	S E A S O N					
49	.10	.43	.13	.10	.43	.11	.07	.00	.06	5.2
50	.16	.09	.09	.15	.00	.07	.06	.00	.05	4.2
51	.09	.50	.02	.06	.25	.03	.04	.00	.02	3.0
52	.06	.00	.03	.04	.00	.03	.01	.00	.03	1.3
1	.03	.00	.03	.03	.00	.00	.03	.00	.00	1.0
2	.03	.00	.05	.00	.00	.04	.00	.00	.03	0.4
3	.04	.00	.03	.04	.00	.02	.03	.00	.02	2.2
4	.03	.00	.06	.01	.00	.04	.01	.00	.02	0.5
5	.06	.00	.05	.04	.00	.03	.01	.00	.02	1.2
6	.04	.00	.02	.03	.00	.02	.01	.00	.00	0.7
7	.01	.00	.03	.01	.00	.02	.00	.00	.00	0.3
8	.03	.00	.05	.01	.00	.03	.00	.00	.03	0.4
9	.04	.00	.03	.03	.00	.02	.03	.00	. 00	1.9
10	.03	.00	.03	.01	. 00	.00	.00	.00	.00	0.5
11	.03	.00	.08	.00	.00	.04	.00	.00	.00	0.3
12	.07	.00	.17	.04	.00	.14	.00	.00	.03	1.0

Rainfall: (mm)

Pre-rainy season : 16.6

Rainy season : 532.1

Post-rainy season : 58.2

Post-rainy dry season: 24.1

Winter rainy season : -

Dry season : -

Annual: 631.0

TABLE 22

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT CHITTOOR

Std.	>5 mm			>10 mm			> 20 mm			Mean
Wk.	W	W/W	W/D	W	W/W	W/D	W	W/W	W/D	(mm)
				P R E - R A I N Y S E A S O N						
15	.22	.50	.50	.22	.50	.50	.11	.50	.31	6.6
16	.50	.22	.00	.50	.22	.00	.33	.17	.00	14.7
17	.11	.50	.44	.11	.50	.31	.06	.00	.24	4.8
18	.44	.25	.10	.33	.17	.00	.22	.00	.00	9.1
19	.17	.67	.60	.06	.00	.47	.00	.00	.33	2,0
				R A I N Y S E A S O N						
20	.61	.73	.71	.44	.50	.60	.33	.50	.33	26.2
21	.72	.54	.60	.56	.50	.38	.39	.29	.36	25.8
22	.56	.50	.50	.44	.38	.60	.33	.17	.42	20.1
23	.50	.44	.44	.50	.33	.22	.33	.17	.08	28.8
24	.44	.63	.60	.28	.40	.54	.11	.00	.31	8.3
25	.61	.64	.43	.50	.33	.56	.28	.40	.23	18.4
26	.56	.20	.50	.44	.25	.30	.28	.00	.23	14.6
27	.33	.33	.67	.28	.40	.54	.17	.33	.40	10.9
28	.56	.70	.50	.50	.67	.33	.39	.43	.27	19.3
29	.61	.73	.43	.50	.67	.22	.33	.67	.33	26.9
30	.61	.36	.43	.44	.38	.30	.44	.13	.30	24.3
31	.39	.71	.45	.33	.83	.33	.22	.00	.43	15.0
32	.56	.50	.50	.50	.56	.33	.33	.50	.33	29.9
33	.50	.67	.78	.44	.63	.60	.39	.29	.36	21.5
34	.72	.62	.40	.61	.64	.29	.33	.50	.25	29.5
35	.56	.60	.38	.50	.44	.33	.33	.33	.25	26.8
36	.50	.89	.44	.39	.86	.45	.28	1.00	.31	26.2
37	.67	.67	.67	.61	.55	.57	.50	.33	.44	28.8
38	.67	.83	.83	.56	.80	.25	.39	.86	.36	21.8
39	.83	.73	1.00	.56	.70	.63	.56	.60	.50	42.1
40	.78	.79	.50	.67	.67	.67	.56	.70	.38	44.8
41	.72	.92	.40	.67	.75	.33	.56	.40	.38	35.1
42	.78	.86	.25	.61	.73	.43	.39	.57	.27	28.4
43	.72	.62	.20	.61	.45	.43	.39	.57	.36	35.0
44	.50	.56	.33	.44	.50	.40	.44	.50	.20	24.4

Table continued

Std. Wk.	>5 mm W	W/W	W/D	>10 mm W	W/W	W/D	>20 mm W	W/W	W/D	Mean (mm)
				POST-RAINY SEASON						
45	.44	.75	.10	.44	.75	.10	.33	.17	.00	21.1
46	.39	.86	.45	.39	.86	.36	.06	.00	.47	7.7
47	.61	.64	.43	.56	.60	.50	.44	.25	.50	34.7
48	.56	.60	.38	.56	.40	.25	.39	.14	.36	25.5
49	.50	.44	.33	.33	.50	.17	.28	.60	,08	26.2
50	.39	.14	.09	.28	.00	.15	.22	.00	.07	14.9
				DRY SEASON						
51	.11	.00	.19	.11	.00	.06	.06	.00	.06	4.7
52	.17	.00	.07	.06	.00	.06	.06	.00	.06	2.2
1	.06	.00	.12	.06	.00	.12	.06	.00	.12	1.2
2	.11	.00	.00	.11	.00	.00	.11	.00	.00	3.5
3	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
4	.00	.00	.11	.00	.00	.06	.00	.00	.00	0.0
5	.11	.00	.00	.06	.00	.00	.00	.00	.00	0.9
6	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.1
7	.00	.00	.06	.00	.00	.00	.00	.00	.00	0.0
8	.06	.00	.00	.00	.00	.00	.00	.00	.00	0.4
9	.00	.00	.06	.00	.00	.06	.00	.00	.06	0.0
10	.06	.00	.00	.06	.00	.00	.06	.00	.00	5.0
11	.00	.00	.11	.00	.00	.06	.00	.00	.06	0.0
12	.11	.00	.19	.06	.00	.18	.06	.00	.12	1.9
13	.17	.00	.13	.17	.00	.00	.11	.00	.00	6.3
14	.11	.50	.19	.00	.00	.22	.00	.00	.11	1.2

Rainfall: (mm)

Pre-rainy season : 37.2

Rainy season : 632.9

Post-rainy season : 130.1

Post-rainy dry season : -

Winter rainy season : -

Dry season : 27.4

Annual : 827.6

TABLE 22

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT COIMBATORE

std. Wk.	> 5 mm W	W/W	W/D	> 10 mm W	W/W	W/D	> 20 mm W	W/W	W/D	Mean (mm)
				P R E - R A I N Y S E A S O N						
14	.27	.17	.44	.27	.17	.31	.14	.33	.21	5.2
15	.36	.75	.50	.27	.33	.44	.23	.40	.18	12.8
				R A I N Y S E A S O N						
16	.59	.39	.67	.41	.44	.31	.23	.00	.29	17.5
17	.50	.64	.46	.36	.63	.50	.23	.40	.35	10.9
18	.55	.50	.60	.55	.33	.60	.36	.00	.21	16.4
19	.55	.92	.30	.46	.70	.42	.14	.00	.47	11.5
20	.64	.57	.25	.55	.42	.10	.41	.22	.23	19.3
21	.46	.40	.42	.27	.00	.38	.23	.00	.06	13.1
22	.41	.33	.31	.27	.17	.31	.05	.00	.14	6.6
23	.32	.43	.20	.27	.17	.13	.14	.00	.05	7.1
24	.27	.50	.31	.14	.00	.21	.05	.00	.10	3.6
25	.36	.63	.29	.18	.75	.28	.09	.50	.20	7.9
26	.41	.78	.62	.36	.63	.50	.23	.40	.35	18.8
27	.68	.53	.57	.55	.42	.20	.36	.38	.21	22.0
28	.55	.67	.40	.32	.57	.40	.27	.33	.13	12.0
29	.55	.75	.70	.46	.60	.25	.18	.50	.28	11.4
30	.73	.50	.00	.41	.44	.23	.32	.14	.07	19.2
				P O S T - R A I N Y S E A S O N						
31	.36	.38	.21	.32	.42	.13	.09	.50	.10	6.3
32	.27	.33	.63	.23	.00	.24	.14	.00	.05	8.8
33	.55	.42	.30	.18	.00	.23	.05	.00	.10	6.9
34	.36	.38	.29	.18	.00	.17	.09	.00	.05	6.7
35	.32	.29	.07	.14	.33	.05	.05	.00	.05	.4.5
36	.14	.33	.37	.09	.00	.25	.05	.00	.14	3.2
37	.36	.50	.29	.23	.40	.24	.14	.00	.16	5.9
38	.36	.88	.21	.27	.67	.25	.14	.33	.16	7.4
39	.46	.60	.58	.36	.50	.57	.18	.75	.39	14.4

...Table continued

Std. Wk.	> 5 mm W	W/W	W/D	> 10 mm W	W/W	W/D	> 20 mm W	W/W	W/D	Mean (mm)
				W I N T E R - R A I N S						
40	.59	.85	.56	.55	.75	.50	.46	.50	.08	23.7
41	.73	1.00	1.00	.64	1.00	.75	.27	,83	.56	23.7
42	1.00	.64	.00	.91	.60	1.00	.64	.50	.63	40.3
43	.64	.79	.75	.64	.71	.63	.55	.67	.60	39.0
44	.77	.71	.20	.68	.67	.29	.64	.43	.38	36.7
45	.59	.69	.33	.55	.67	.40	.41	.56	.31	38.9
46	.55	.58	.50	.55	.58	.50	.41	.33	.46	19.3
47	.55	.50	.50	.55	.42	.40	.41	.22	.39	19.0
48	.50	.46	.46	.41	.44	.15	.32	.43	.07	15.0
49	.46	.10	.42	.27	.00	.38	.18	.00	.22	15.7
				D R Y S E A S 0 N						
50	,27	.17	.19	.27	.17	.13	.18	.00	.11	13.0
51	.18	.00	.22	.14	.00	.16	.09	.00	.05	6.0
52	.18	.25	.11	.14	.00	.11	.05	.00	.10	3.7
1	.14	.67	.16	.09	1.00	.05	.09	.00	.00	4.8
2	.23	.00	.06	.14	.00	.00	.00	.00	.00	2.9
3	.05	.00	.00	.00	.00	.00	.00	.00	.00	0.6
4	.00	.00	.14	.00	.00	.14	.00	.00	.00	0.2
5	.14	.00	.05	.14	.00	.00	.00	.00	.00	1.8
6	.05	.00	.05	.00	.00	.05	.00	.00	.00	0.5
7	.05	.00	.19	.05	.00	.10	.00	.00	.05	0.6
8	.18	.00	.06	.09	.00	.00	.05	.00	.00	3.5
9	.05	1.00	.00	.00	.00	.05	.00	.00	.05	0.4
10	.05	.00	.14	.05	.00	.10	.05	.00	.00	6.9
11	.14	.00	.21	.09	.00	.10	.00	.00	.05	2.2
12	.18	.25	.06	.09	.00	.05	.05	.00	.00	2.7
13	.09	.00	.30	.05	.00	.29	.00	.00	.14	1.6

Rainfall: (mm)

Pre-rainy season : 18.0

Rainy season :197.3

Post-rainy season : 64.1

Post-rainy dry season: -

Winter rainy season : 271.3

Dry season : 51.4

Annual: 602.1

TABLE 24

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT CUDDAPAH

Std. Wk.	> 5 mm W	> 5 mm W/W	> 5 mm W/D	> 10 mm W	> 10 mm W/W	> 10 mm W/D	> 20 mm W	> 20 mm W/W	> 20 mm W/D	Mean (mm)
				P R E - R A I N Y S E A S O N						
16	.20	.29	.11	.19	.15	.07	.10	.14	.05	5.3
17	.17	.25	.19	.09	.33	.17	.03	,50	.09	2.8
18	.17	.25	.16	.11	.13	.08	.09	.00	.03	5.2
19	.16	.18	.17	.10	.14	.11	.06	.00	.09	5.1
20	.37	.19	.14	.26	.17	.08	.17	.08	.05	11.6
21	.44	.32	.41	.33	.30	.23	.21	.33	.13	14.5
22	.44	.52	.38	.36	.28	.36	.19	.23	.21	12.7
				R A I N Y - S E A S O N						
23	.64	.42	.48	.53	.38	.33	.33	.26	.15	17.7
24	.54	.66	.63	.41	.52	.54	.30	.38	.31	20.4
25	.50	.63	.46	.43	.47	.38	.29	.40	.26	14.5
26	.66	.48	.54	.49	.38	.47	.29	.20	.32	18.8
27	.61	.81	.41	.49	.65	.33	.29	.40	.24	21.4
28	.61	.58	.67	.46	.41	.55	.30	.24	.31	25.3
29	.71	.64	.55	.54	.55	.34	.36	.32	.29	24.3
30	.71	.70	.75	.56	.56	.52	.47	.39	.32	31.1
31	.60	.74	.68	.51	.56	.56	.37	.54	.43	21.3
32	.67	.62	.57	.50	.54	.49	.34	.38	.37	24.6
33	.71	.76	.45	.56	.59	.39	.46	.56	.16	30.8
34	.66	.80	.54	.54	.76	.31	.43	.63	.33	33.5
35	.74	.73	.44	.56	.67	.39	.39	.48	.40	26.4
36	.69	.81	.59	.57	.58	.53	.41	.41	.37	29.6
37	.64	.64	.76	.56	.51	.65	.41	.45	.39	29.6
38	.71	.66	.60	.60	.62	.46	.53	.46	.36	43.9
39	.77	.74	.63	.63	.57	.65	.50	.51	.54	37.5
40	.67	.79	.74	.53	.70	.55	.41	.55	.46	24.2
41	.66	.74	.54	.54	.58	.47	.40	.46	.38	34.4
42	.59	.66	.66	.53	.62	.45	.39	.44	.37	29.5
43	.53	.59	.58	.49	.56	.50	.36	.48	.33	21.7

...Table continued

Std. Wk.	>5 mm W	>5 mm W/W	>5 mm W/D	> 10 mm W	> 10 mm W/W	> 10 mm W/D	>20 mm W	>20 mm W/W	>20 mm W/D	Mean (mm)
44	.61	.49	.59	.54	.39	.59	.39	.30	.40	25.6
45	.47	.76	.49	.41	.72	.41	.36	.64	.24	28.5
46	.49	.53	.42	.41	.55	.32	.30	.52	.29	19.6
				P O S T - R A I N Y S E A S O N						
47	.37	.46	.50	.34	.42	.41	.27	.37	.27	15.4
48	.26	.33	.38	.21	.27	.36	.19	.23	.28	8.8
49	.34	.42	.17	.20	.36	.18	.11	.25	.18	8.7
50	.21	.46	.31	.13	.44	.16	.10	.29	.10	4.7
				D R Y - S E A S O N						
51	.10	.43	.19	.09	.33	.11	.04	.00	.10	2.1
52	.13	.22	.08	.07	.20	.08	.03	.00	.04	1.9
1	.09	.00	.00	.06	.00	.00	.03	.00	.00	2.4
2	.09	.00	.09	.06	.00	.06	.00	.00	.03	1.2
3	.04	.33	.07	.03	.50	.04	.01	.00	.00	1.2
4	.04	.33	.03	.04	.00	.03	.04	.00	.01	1.6
5	.07	.20	.03	.03	.00	.04	.03	.00	.04	1.2
6	.01	1.00	.06	.01	.00	.03	.00	.00	.03	0.3
7	.03	.00	.01	.01	.00	.01	.00	.00	.00	0.3
8	.04	.33	.01	.01	1.00	.00	.01	.00	.00	1.2
9	.03	.00	.03	.01	.00	.01	.01	.00	.01	2.2
10	.01	.00	.03	.00	.00	.01	.00	.00	.01	0.1
11	.03	.00	.01	.01	.00	.00	.01	.00	.00	0.5
12	.11	.00	.03	.06	.00	.02	.04	.00	.01	1.9
13	.07	.00	.12	.04	.00	.06	.01	.00	.04	1.7
14	.06	.00	.08	.04	.00	.04	.00	.00	.01	0.7
15	.14	.00	.07	.09	.00	.05	.06	.00	.00	2.7

Rainfall: (mm)

Pre-rainy season	: 57.2	Post-rainy dry season	: 23.2
Rainy season	: 634,2	Winter rainy season	: -
Post-rainy season	: 37,2	Dry season	: -

Annual: 752.2

TABLE 25

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT DALTONGANJ

Std. Wk.	> 5 mm W	W/W	W/D	> 10 mm W	W/W	W/D	> 20 mm W	W/W	W/D	Mean (mm)
				P R E - R A I N Y S E A S O N						
18	.18	.33	.18	.10	.29	.13	.04	.00	.06	2.7
19	.21	.14	.15	.15	.20	.05	.06	.00	.02	4.1
20	.15	.10	.16	.07	.00	.10	.01	.00	.03	2.0
21	.15	.30	.28	.09	.50	.13	.03	.50	.06	3.2
22	.28	.58	.35	.16	.55	.32	.07	.40	.21	5.9
23	.41	.79	.55	.35	.79	.39	.22	.80	.34	17.9
				R A I N Y S E A S O N						
24	.65	.86	.75	.53	.75	.75	.44	.67	.61	31.5
25	.82	.88	1.00	.75	.75	.88	.63	.65	.76	47.9
26	.90	.90	1.00	.78	.83	1.00	.69	.74	.90	61.4
27	.91	.92	1.00	.87	.88	.67	.79	.83	.64	55.1
28	.93	.98	.80	.85	.97	.80	.79	.91	.79	67.6
29	.97	.98	.50	.94	.92	.50	.88	.88	.50	77.1
30	.97	.95	1.00	.90	.92	1.00	.84	.86	.82	87.1
31	.96	.98	1.00	.93	.98	1.00	.85	.88	1.00	90.1
32	.99	.94	1.00	.99	.90	1.00	.90	.89	.86	91.1
33	.94	.95	.75	.90	.95	.86	.88	.92	.88	78.0
34	.94	.95	1.00	.94	.91	1.00	.91	.84	.83	83.0
35	.96	.92	.33	.91	.89	.67	.84	.82	.73	62.5
36	.90	.80	.71	.87	.76	.44	.81	.64	.38	62.1
37	.79	.89	.64	.72	.71	.63	.59	.43	.64	47.5
38	.84	.72	.36	.69	.53	.52	.51	.46	.39	51.1
39	.66	.67	.35	.53	.56	.44	.43	.41	.44	29,9
40	.56	.37	.27	.50	.26	.24	.43	.28	.13	23.6
				P O S T - R A I N Y S E A S O N						
41	.32	.41	.20	.25	.29	.22	.19	.23	.15	11,1
42	.26	.22	.14	.24	.13	.13	.16	.00	.07	7.7
43	.16	.09	.16	.13	.11	.14	.06	.25	.06	10.3
44	.15	.00	.12	.13	.00	.10	.07	.00	.08	4.8

...Table continued

Std. Wk.	> 5 mm W	W/W	W/D	> 10 mm W	W/W	W/D	> 20 mm W	W/W	W/D	Mean (mm)
				DRY SEASON						
45	.10	.00	.08	.09	.00	.06	.07	.00	.05	3.9
46	.07	.20	.14	.06	.25	.09	.04	.00	.08	2.2
47	.15	.40	.00	.10	.43	.02	.07	.00	.02	3.9
48	.06	.00	.02	.06	.00	.00	.01	.00	.00	1.1
49	.01	1.00	.06	.00	.00	.01	.00	.00	.00	0.2
50	.07	.00	.08	.01	.00	.07	.00	.00	.01	0.6
51	.07	.20	.06	.07	.20	.03	.01	.00	.01	1.5
52	.07	.00	.14	.04	.00	.14	.01	.00	.06	1.6
1	.15	.40	.22	.15	.30	.16	.07	.20	.08	5.2
2	.25	.12	.18	.18	.08	.14	.09	.00	.06	5.1
3	.16	.55	.32	.13	.44	.20	.06	.75	.14	3.1
4	.35	.50	.34	.24	.38	.21	.18	.17	.13	8.5
5	.40	.41	.32	.25	.24	.25	.13	.11	.19	8.4
6	.35	.33	.25	.25	.24	.16	.18	.25	.07	9.1
7	.28	.42	.35	.18	.42	.23	.10	.14	.13	6.0
8	.37	.28	.16	.26	.11	.14	.13	.11	.08	8.1
9	.21	.43	.17	.13	.22	.19	.09	.33	.11	3.8
10	.22	.27	.13	.19	.23	.13	.13	.00	.08	6.2
11	.16	.55	.11	.15	.40	.07	.07	.00	.08	3.2
12	.18	.25	.09	.12	.25	.07	.07	.00	.06	3.6
13	.12	.38	.13	.09	.33	.06	.06	.50	.03	3.3
14	.16	.00	.16	.09	.00	.10	.06	.00	.03	3.0
15	.13	.11	.10	.09	.17	.02	.03	.00	.00	2.4
16	.10	.00	.05	.03	.00	.03	.00	.00	.01	1.2
17	.04	.00	.18	.03	.00	.11	.01	.00	.04	1.3

Rainfall: (mm)

Pre-rainy season	: 35.8	Post-rainy dry season	: -
Rainy season	: 1046.6	Winter rainy season	: -
Post-rainy season	: 33.9	Dry season	: 96.5

Annual : 1212.8

TABLE 26

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT DEESA

Std. Wk.	> 5 mm W	> 5 mm W/W	> 5 mm W/D	> 10 mm W	> 10 mm W/W	> 10 mm W/D	> 20 mm W	> 20 mm W/W	> 20 mm W/D	Mean (mm)
				P R E - R A I N Y S E A S O N						
23	.14	.30	.10	.13	.22	.07	.06	.00	.06	3.0
24	.26	.16	.14	.25	.12	.13	.16	.09	.05	9.2
25	.32	.32	.26	.26	.22	.25	.19	.23	.14	9.9
				R A I N Y - S E A S O N						
26	.46	.38	.27	.39	.30	.24	.23	.19	.19	24.4
27	.65	.51	.38	.59	.49	.25	.51	.34	.12	45.2
28	.72	.76	.37	.62	.69	.42	.52	.64	.36	40.1
29	.71	.82	.50	.65	.69	.50	.54	.54	.50	42.5
30	.67	.85	.43	.58	.83	.41	.57	.67	.37	70.7
31	.68	.79	.41	.59	.68	.43	.54	.70	.41	62.2
32	.61	.76	.56	.58	.65	.52	.38	.69	.44	34.0
33	.59	.71	.46	.46	.78	.41	.33	.57	.28	40.9
34	.57	.74	.40	.51	.57	.35	.39	.52	.21	45.4
35	.59	.71	.36	.52	.72	.27	.43	.60	.23	47.3
36	.49	.71	.49	.42	.62	.45	.41	.54	.37	31.1
				P O S T - R A I N Y S E A S O N						
37	.38	.69	.37	.36	.68	.27	.32	.77	.23	25.8
38	.30	.48	.33	.20	.36	.36	.13	.56	.28	8.7
39	.23	.50	.25	.19	.38	.16	.12	.00	.15	7.4
				D R Y - S E A S O N						
40	.09	.83	.17	.07	.80	.14	.04	.33	.11	2.3
41	.10	.43	.05	.07	.40	.05	.07	.00	.05	3.2
42	.01	.00	.10	.00	.00	.07	.00	.00	.07	0.3
43	.03	.00	.01	.03	.00	.00	.01	.00	.00	1.7
44	.06	.25	.02	.04	.33	.02	.01	.00	.01	1.2
45	.00	.00	.06	.00	.00	.04	.00	.00	.01	0.0
46	.04	.00	.00	.01	.00	.00	.00	.00	.00	0.5
47	.04	.33	.03	.04	.00	.02	.00	.00	.00	0.6

...Table continued

Std. Wk.	>5 mm W	>5 mm W/W	>5 mm W/D	>10 mm W	>10 mm W/W	>10 mm W/D	>20 mm W	>20 mm W/W	>20 mm W/D	Mean (mm)
48	.04	.33	.03	.03	.50	.03	.01	.00	.00	0.8
49	.01	.00	.04	.01	.00	.03	.00	.00	.01	0.3
50	.00	.00	.01	.00	.00	.01	.00	.00	.00	0.1
51	.03	.00	.00	.03	.00	.00	.01	.00	.00	0.7
52	.01	.00	.03	.00	.00	.03	.00	.00	.01	0.1
1	.01	.00	.00	.01	.00	.00	.00	.00	.00	0.4
2	.07	.00	.02	.03	.00	.01	.00	.00	.00	0.7
3	.01	.00	.07	.01	.00	.03	.01	.00	.00	0.5
4	.06	.25	.00	.00	.00	.01	.00	.00	.01	0.5
5	.04	.33	.05	.03	.00	.00	.01	.00	.00	0.8
6	.03	.00	.04	.01	.00	.03	.01	.00	.01	0.6
7	.03	.50	.01	.01	1.00	.00	.01	1.00	.00	0.5
8	.04	.00	.03	.03	.00	.01	.01	.00	.01	0.7
9	.03	.00	.04	.01	.00	.03	.01	.00	.01	0.7
10	.01	.00	.03	.01	.00	.01	.01	.00	.01	0.5
11	.03	.50	.00	.01	1.00	.00	.00	.00	.01	0.3
12	.01	.00	.03	.01	.00	.01	.01	.00	.00	1.7
13	.01	.00	.01	.00	.00	.01	.00	.00	.01	0.1
14	.01	.00	.01	.01	.00	.00	.00	.00	.00	0.3
15	.00	.00	.01	.00	.00	.01	.00	.00	.00	0.0
16	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.1
17	.03	.00	.00	.01	.00	.00	.00	.00	.00	0.3
18	.01	.00	.03	.01	.00	.01	.00	.00	.00	0.4
19	.01	.00	.01	.01	.00	.01	.01	.00	.00	1.5
20	.09	.17	.00	.06	.00	.02	.03	.00	.01	1.7
21	.03	.50	.07	.01	.00	.06	.01	.00	.03	1.6
22	.13	.22	.00	.09	.17	.00	.06	.25	.00	3.6

Rainfall: (mm)

Pre-rainy season : 22.1

Rainy season : 483.8

Post-rainy season : 41.9

Post-rainy dry season: 29.3

Winter rainy season : -

Dry season : -

Annual: 577.1

TABLE 27

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT DHAR

Std. Wk.	> 5 mm W	W/W	W/D	>10 mm W	W/W	W/D	>20 mm W	W/W	W/D	Mean (mm)
				PRE-RAINY SEASON						
21	.14	.22	.07	.09	.17	.05	.03	.00	.02	3.3
22	.20	.31	.10	.14	.33	.05	.11	.14	.02	7.9
23	.44	.32	.11	.36	.22	.10	.25	.25	.06	14.7
				RAINY-SEASON						
24	.56	.53	.32	.53	.44	.27	.45	.28	.23	29.9
25	.75	.56	.56	.70	.53	.53	.63	.48	.42	42.4
26	.81	.77	.67	.77	.73	.60	.61	.67	.56	57.5
27	.91	.81	.83	.88	.75	.88	.84	.61	.60	61.7
28	.88	.93	.75	.86	.89	.78	.77	.84	.87	62.4
29	.92	.90	.60	.86	.87	.78	.75	.83	.56	60.8
30	.91	.97	.50	.89	.93	.29	.81	.83	.42	77.5
31	.91	.93	.67	.83	.91	.82	.75	.85	.69	62.3
32	.84	.93	.80	.75	.83	.81	.61	.82	.64	43.1
33	.81	.88	.67	.66	.83	.59	.55	.74	.45	38.6
34	.86	.85	.56	.73	.74	.41	.56	.61	.46	55.1
35	.86	.85	.89	.77	.78	.60	.66	.55	.59	61.4
36	.81	.87	.83	.77	.76	.80	.61	.67	.64	50.6
37	.70	.87	.68	.66	.81	.68	.50	.63	.59	54.1
38	.66	.76	.59	.58	.70	.59	.44	.57	.44	49.2
39	.66	.74	.50	.50	.69	.47	.39	.56	.36	38.3
				POST-RAINY SEASON						
40	.38	.79	.58	.27	.59	.47	.22	.64	.32	13.9
41	.20	.62	.31	.16	.50	.22	.13	.50	.18	11.6
42	.16	.50	.15	.09	.33	.14	.08	.20	.12	19.5
				DRY-SEASON						
43	.09	.00	.17	.08	.00	.10	.05	.00	.08	3.0
44	.11	.29	.07	.08	.40	.05	.06	.25	.03	2.6
45	.09	.00	.12	.09	.00	.09	.08	.00	.07	6.8
46	.13	.50	.04	.09	.50	.05	.06	.50	.05	3.3

...Table continued

Std. Wk.	>5 mm W	>5 mm W/W	>5 mm W/D	>10 mm W	>10 mm W/W	>10 mm W/D	>20 mm W	>20 mm W/W	>20 mm W/D	Mean (mm)
47	.11	.14	.12	.09	.00	.10	.09	.00	.07	4.3
48	.02	.00	.11	.02	.00	.10	.02	.00	.10	1.0
49	.05	.00	.02	.03	.00	.02	.02	.00	.02	1.1
50	.06	.00	.05	.05	.00	.03	.02	.00	.02	1.3
51	.05	.00	.07	.03	.00	.05	.02	.00	.02	0.8
52	.05	.00	.05	.00	.00	.03	.00	.00	.02	0.5
1	.14	.00	.00	.05	.00	.00	.03	.00	.00	3.5
2	.09	.33	.12	.05	.33	.03	.00	.00	.03	1.0
3	.08	.20	.08	.03	.00	.05	.03	.00	.00	1.6
4	.03	.50	.06	.02	.00	.03	.00	.00	.03	0.6
5	.02	.00	.03	.00	.00	.02	.00	.00	.00	0.3
6	.02	.00	.02	.00	.00	.00	.00	.00	.00	0.2
7	.00	.00	.02	.00	.00	.00	.00	.00	.00	0 .2
8	.03	.00	.00	.00	.00	.00	.00	.00	.00	0.3
9	.05	.33	.02	.03	.00	.00	.00	.00	.00	0 .6
10	.02	.00	.05	.02	.00	.03	.00	.00	.00	0 .2
11	.02	.00	.02	.02	.00	.02	.00	.00	.00	0.2
12	.03	.00	.02	.00	.00	.02	.00	.00	.00	0.2
13	.05	.00	.03	.02	.00	.00	.00	.00	.00	0.5
14	.02	.00	.05	.00	.00	.02	.00	.00	.00	0.3
15	.02	.00	.02	.02	.00	.00	.00	.00	.00	0.3
16	.03	.00	.02	.02	.00	.02	.00	.00	.00	0.6
17	.02	.00	.03	.00	.00	.02	.00	.00	,00	0.2
18	.02	.00	.02	.02	.00	.00	.00	.00	.00	0.4
19	.05	.00	.02	.02	.00	.02	.00	.00	.00	0.6
20	.09	.00	.05	.06	.00	.02	.02	.00	.00	2.1

Rainfall: (mm)

Pre-rainy season : 25.9

Rainy season : 844.9

Post-rainy season : 45.0

Post-rainy dry season: 38.0

Winter rainy season : -

Dry season : -

Annual: 953.8

TABLE 28

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT DHARMPURI

Std. wk.	> 5 mm			> 10 mm			> 20 mm			Mean (mm)
	W	W/W	W/D	W	W/W	W/D	W	W/W	W/D	
				PRE-RAINY SEASON						
12	.16	.27	.14	.10	.14	.11	,06	.00	.05	3.7
13	.16	.27	.22	.12	.13	.18	.04	.00	.12	3.0
14	.23	.63	.38	.17	.50	.32	.12	.00	.18	5.5
15	.43	.47	.38	.35	.42	.29	.16	.27	.21	11.3
16	.42	.41	.38	.33	.30	.30	.22	.20	.17	13.1
17	.39	.59	.43	.30	.52	.25	.17	.33	.21	10.7
				RAINY SEASON						
18	.49	.56	.60	.33	.48	.46	.23	.38	.28	14.9
19	.58	.78	.83	.46	.78	.65	.30	.52	.52	20.8
20	.80	.76	.79	.71	.61	.65	.52	.36	.55	33.5
21	.77	.72	.81	.62	.70	.58	.45	.48	.42	27.9
22	.74	.75	.50	.65	.60	.46	.45	.52	.34	28.2
23	.68	.51	.59	.55	.32	.42	.42	.28	.25	27.3
24	.54	.24	.31	.36	.20	.16	.26	.11	.10	14.3
25	.28	.47	.32	.17	.25	.23	.10	.14	.16	6.0
26	.36	.64	.43	.23	.44	.34	.16	.36	.22	8.4
27	.51	.60	.44	.36	.52	.30	.25	.35	.25	15.1
28	.52	.56	.48	.38	.50	.35	.28	.53	.10	15.6
29	.52	.53	.36	.41	.46	.29	.22	.60	.22	15.4
30	.45	.42	.34	.36	.36	.30	.30	.19	.19	18.6
31	.38	.65	.37	.32	.45	.32	.19	.38	.29	15.7
32	.48	.61	.42	.36	.64	.32	.30	.57	.23	21.0
33	.51	.60	.44	.43	.50	.36	.33	.57	.24	22.2
34	.52	.72	.55	.42	.52	.53	.35	.42	.42	24.3
35	.64	.66	.68	.52	.50	.55	.42	.21	.43	29.0
36	.67	.65	.57	.52	.56	.52	.33	.57	.46	20.9
37	.62	.81	.62	.54	.84	.53	.49	.82	.46	34.0
38	.74	.71	.72	.70	.63	.67	.64	.55	.48	39.8
39	.71	.86	.85	.64	.80	.84	.52	.72	.61	35.4
40	.86	.85	.50	.81	.73	.46	.67	.61	.43	44,9
41	.80	.76	.64	.68	.64	.59	.55	.55	.52	40.4

...Table continued

Std. wk.	>5 mm W	W/W	W/D	>10 mm W	W/W	W/D	>20 mm W	W/W	W/D	Mean (mm)
42	.74	.78	.44	.62	.72	.46	.54	.54	.41	42.3
43	.70	.65	.71	.62	.60	.65	.48	.52	.44	31.2
44	.67	.65	.39	.62	.60	.38	.48	.48	.36	33.8
45	.57	.74	.43	.52	,67	.36	.42	.38	.33	35.0
46	.61	.55	.44	.52	.50	,45	.35	.33	.33	22.6
47	.51	.43	.41	.48	.39	.36	.33	.17	.26	21.1
				POST-RAINY SEASON						
48	.42	.59	.33	.38	.46	.33	.23	.31	.25	14.2
49	.43	.30	.23	.38	.23	.19	.26	.22	.12	16.2
50	.26	.17	.18	.20	.21	.07	.14	.10	.05	9.1
51	.17	.17	.21	.10	.14	.13	.06	.00	.11	2.8
52	.20	.07	.20	.13	.11	.17	.10	.00	.10	5.4
1	.17	.25	.19	.16	.27	.16	.09	.00	.08	5.8
2	.20	.14	.05	.17	.00	.07	.07	.00	.03	4.8
				DRY SEASON						
3	.07	.00	.05	.06	.00	.05	.03	.00	.03	1.3
4	.04	.33	.06	.04	.33	.05	.03	.00	.01	2.0
5	.07	.40	.08	.06	.00	.08	.01	.00	.03	1.2
6	.10	.00	.03	.07	.00	.02	.03	.00	.00	2.2
7	.03	.00	.09	.01	.00	.07	.00	.00	.04	0.5
8	.09	.17	.03	.07	.00	.00	.04	.00	.00	3.1
9	.04	.33	.05	.00	.00	.04	.00	.00	.01	0.4
10	.06	.00	.09	.04	.00	.06	.01	.00	.03	1.1
11	.09	.00	.17	.06	.00	.11	.03	.00	.06	1.7

Rainfall: (mm)

Pre-rainy season	: 47.3	Post-rainy dry season	: -
Rainy season	: 759.6	Winter rainy season	: -
Post-rainy season	: 58.3	Dry season	: 13.5

Annual: 878.7

TABLE 29

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT DHARWAR

Std. Wk.	>5 mm W	>5 mm W/W	>5 mm W/D	>10 mm W	>10 mm W/W	>10 mm W/D	> 20 mm W	> 20 mm W/W	> 20 mm W/D	Mean (mm)
				PRE-RAINY SEASON						
13	.15	.33	.24	.10	.50	.17	.05	.00	.11	2.6
14	.25	.60	.53	.20	.50	.38	.10	.50	.28	5.0
15	.55	.18	.41	.40	.00	.42	.30	.00	.14	11.3
16	.30	.50	.71	.25	.20	.60	.10	.00	.33	6.3
				RAINY SEASON						
17	.65	.77	.86	.50	.70	.80	.30	.00	.43	17.4
18	.80	.56	.50	.75	.47	.60	.30	.17	.29	25.1
19	.55	.64	.56	.50	.50	.50	.25	.60	.40	13.5
20	.60	.75	.75	.50	.80	.60	.45	.78	.55	28.4
21	.75	.40	.40	.70	.43	.33	.65	.46	.29	33.1
22	.40	.50	.67	.40	.38	.42	.40	.38	.42	22.4
23	.60	.58	.50	.40	.50	.33	.40	.00	.08	21.2
24	.55	.73	.67	.40	.25	.67	.05	.00	.26	7.8
25	.70	.86	.50	.50	.90	.60	.25	1.00	.46	26.0
26	.75	.73	.60	.75	.60	.60	.60	.67	.38	37.3
27	.70	.93	.83	.60	.92	.75	.55	.73	.56	30.1
28	.90	.89	1.00	.85	.71	.67	.65	.69	.43	39.9
29	.90	.89	.50	.70	.71	.83	.60	.58	.38	40.4
30	.85	.88	1.00	.75	.60	.60	.50	.60	.20	28.4
31	.90	.94	.50	.60	.75	.88	.40	.75	.50	25.0
32	.90	.78	.50	.80	.63	.50	.60	.33	.38	26.6
33	.75	.67	.60	.60	.50	.25	.35	.29	.23	21.4
34	.65	.54	.71	.40	.63	.42	.25	.60	.20	17.2
35	.60	.58	.62	.50	.50	.40	.30	.17	.29	16.0
36	.60	.67	.38	.45	.44	.36	.25	.20	.33	11.4
37	.55	.91	.78	.40	.75	.83	.30	.33	.71	16.0
38	.85	.71	.67	.80	.63	.75	.60	.58	.38	39.4
39	.70	.71	.83	.65	.77	.71	.50	.40	.60	33.2

...Table continued

Std. Wk.	>5 mm W	>5 mm W/W	>5 mm W/D	>10 mm W	>10 mm W/W	>10 mm W/D	>20 mm W	>20 mm W/W	>20 mm W/D	Mean (mm)
40	.75	.87	.20	.75	.87	.20	.50	.60	.40	29.5
41	.70	.79	.67	.70	.79	.50	.50	.50	.50	32.0
42	.75	.80	.40	.70	.64	.50	.50	.50	.40	24.7
43	.70	.71	.17	.60	.58	.00	.45	.33	.09	27.8
44	.55	.46	.11	.35	.43	.15	.20	.25	.19	14.8
				POST-RAINY SEASON						
45	.30	.50	.07	.25	.00	.07	.20	.00	.00	8.2
46	.20	.25	.31	.05	.00	.26	.00	.00	.15	2.1
47	.30	.00	.07	.25	.00	.07	.15	.00	.06	8.5
				DRY SEASON						
48	.05	.00	.05	.05	.00	.05	.05	.00	.05	2.6
49	.05	.00	.11	.05	.00	.11	.05	.00	.11	3.4
50	.10	.00	.11	.10	.00	.11	.10	.00	.06	3.7
51	.10	.00	.00	.10	.00	.00	.05	.00	.00	3.0
52	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
1	.05	.00	.00	.00	.00	.00	.00	.00	.00	0.4
2	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
3	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
4	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.1
5	.00	.00	.05	.00	.00	.05	.00	.00	.00	0.0
6	.05	.00	.00	.05	.00	.00	.00	.00	.00	0.8
7	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
8	.00	.00	.05	.00	.00	.00	.00	.00	.00	0.3
9	.05	.00	.00	.00	.00	.00	.00	.00	.00	0.5
10	.00	.00	.05	.00	.00	.05	.00	.00	.00	0.0
11	.05	.00	.05	.05	.00	.00	.00	.00	.00	0.9
12	.05	.00	.16	.00	.00	.10	.00	.00	.05	0.5

Rainfall: (mm)

Pre-rainy season : 25.2

Rainy season :706.0

Post-rainy season : 18.8

Post-rainy dry season: 16.2

Winter rainy season : -

Dry season : -

Annual: 766.2

TABLE 30

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT DOHAD

Std.	> 5 mm			>10 mm			>20 mm			Mean
Wk.	W	WW	W/D	w	W/W	W/D	W	W/W	W/D	(mm)
				PRE-RAINY SEASON						
22	.23	.50	.19	.19	.00	.00	.14	.00	.00	7.3
23	.26	.78	.35	.16	.33	.16	.11	.25	.12	5.9
				RAINY SEASON						
24	.46	.63	.53	.41	.33	.05	.35	.31	.00	23.3
25	.57	.90	.60	.46	.47	.35	.43	.38	.33	37.5
26	.77	.89	1.00	.73	.48	.40	.62	.48	.36	49.7
27	.91	.88	1.00	.86	.72	.80	.70	.65	.55	52.8
28	.89	.90	.50	.86	.84	1.00	.68	.80	.50	64.8
29	.86	.93	.60	.76	.89	.78	.62	.70	.64	50.7
30	.89	.87	.50	.76	.82	.56	.73	.78	.20	68.8
31	.83	.86	.67	.73	.81	.60	.68	.80	.58	59.9
32	.83	.86	.67	.73	.78	.60	.59	.73	.60	52.5
33	.83	.79	.50	.78	.83	.38	.65	.75	.31	46.6
34	.74	.85	.33	.59	.82	.73	.54	.75	.53	42.6
35	.71	.92	.50	.62	.65	.50	.51	.63	.44	48.4
36	.80	.68	.43	.65	.71	.46	.46	.53	.50	47.2
37	.63	.55	.69	.54	.65	.65	.41	.60	.36	43.4
38	.60	.48	.29	.51	.53	.56	.41	.40	.41	30.4
				POST-RAINY SEASON						
39	.40	.14	.19	.35	.62	.46	.19	.57	.37	31.7
40	.17	.17	.24	.16	.50	.32	.14	.20	.19	10.8
41	.23	.13	.11	.22	.25	.14	.11	.25	.12	8.8
				DRY SEASON						
42	.11	.00	.00	.11	.50	.18	.05	.00	.11	4.7
43	.00	.00	.09	.00	.00	.11	.00	.00	.05	0.1
44	.09	.00	.13	.05	.00	.00	.03	.00	.00	1.1
45	.11	.50	.03	.11	.00	.06	.08	.00	.03	3.9
46	.09	.33	.03	.08	.66	.06	.03	1.00	.06	1.2
47	.06	.00	.06	.05	.50	.06	.00	.00	.03	0.8

...Table continued

Std.	>5 mm			>10 mm			>20 mm			Mean
Wk.	W	W/W	W/D	W	W/W	W/D	W	W/W	W/D	(mm)
48	.06	.00	.03	.05	.00	.06	.05	.00	.00	3.1
49	.03	1.00	.03	.00	.00	.05	.00	.00	.05	0.3
50	.06	.00	.03	.03	.00	.00	.03	.00	.00	1.2
51	.03	.00	.06	.00	.00	.03	.00	.00	.03	0.4
52	.06	.00	.12	.03	.00	.00	.00	.00	.00	0.6
1	.11	.00	.00	.11	.00	.00	.00	.00	.00	1.7
2	.00	.00	.00	.00	.00	.11	.00	.00	.00	0.1
3	.00	.00	.06	.00	.00	.00	.00	.00	.00	0.4
4	.06	.00	.03	.03	.00	.00	.00	.00	.00	0.6
5	.03	.00	.00	.00	.00	.03	.00	.00	.00	0.3
6	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.1
7	.00	.00	.03	.00	.00	.00	.00	.00	.00	0.1
8	.03	.00	.03	.03	.00	.00	.03	.00	.00	0.6
9	.03	.00	.00	.03	.00	.03	.00	.00	.03	0.3
10	.00	.00	.09	.00	.00	.03	.00	.00	.00	0.0
11	.09	.33	.03	.00	.00	.00	.00	.00	.00	0.6
12	.06	.50	.06	.03	.00	.00	.03	.00	.00	1.1
13	.09	.00	.00	.03	.00	.03	.03	.00	.03	1.1
14	.00	.00	.03	.00	.00	.03	.00	.00	.03	0.0
15	.03	.00	.06	.03	.00	.00	.00	.00	.00	0.4
16	.06	.00	.03	.03	.00	.03	.00	.00	.00	0.6
17	.03	.00	.00	.03	.00	.03	.00	.00	.00	0.4
18	.00	.00	.00	.00	.00	.03	.00	.00	.00	0.2
19	.00	.00	.03	.00	.00	.00	.00	.00	.00	0.0
20	.03	.00	.00	.03	.00	.00	.03	.00	.00	1.2
21	.00	.00	.23	.00	.00	.03	.00	.00	.03	0.2

Rainfall: (mm)

Pre-rainy season : 13.2

Post-rainy dry season: 27.4

Rainy season : 718.6

Winter rainy season : -

Post-rainy season : 45.8

Dry season : -

Annual: 805.0

TABLE 31

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT DUNGARPUR

Std. Wk.	> 5 mm W	> 5 mm W/W	> 5 mm W/D	>10 mm W	>10 mm W/W	>10 mm W/D	>20 mm W	>20 mm W/W	>20 mm W/D	Mean (mm)
				P R E - R A I N Y S E A S O N						
22	.16	.55	.29	.12	.00	.03	.07	.00	.03	3.7
23	.33	.59	.40	.27	;22	.08	.18	.17	.05	10.7
				R A I N Y S E A S O N						
24	.46	.48	.53	.34	.30	.25	.27	.22	.16	16.5
25	.51	.71	.55	.42	.25	.41	.37	.20	.31	23.9
26	.63	.86	.84	.57	.45	.38	.45	.43	.32	47.1
27	.85	.84	.70	.82	.58	.50	.64	.49	.38	61.6
28	.82	.86	.75	.79	.87	.64	.72	.67	.58	56.9
29	.84	.88	.55	.75	.82	.71	.64	.70	.75	48.9
30	.82	.89	.50	.73	.80	.61	.69	.74	.43	70.7
31	.82	.80	.58	.76	.82	.44	.67	.80	.45	64.4
32	.76	.80	.31	.67	.80	.68	.51	.74	.61	35.5
33	.69	.67	.71	.61	.78	.50	.52	.57	.44	33.8
34	.69	.83	.48	.61	.61	.62	.48	.53	.51	42.5
35	.72	.58	.47	.58	.74	.43	.49	.55	.41	50.6
36	.55	.60	.37	.52	.63	.53	.45	.57	.43	39.4
37	.49	.52	.38	.48	.66	.40	.36	.67	.33	35.4
38	.45	.37	.27	.39	.54	.44	.25	.67	.32	27.3
				P O S T - R A I N Y S E A S O N						
39	.31	.29	.15	.25	.47	.36	.18	.25	.25	10.4
40	.19	.46	.07	.10	.57	.22	.07	.60	.15	5.2
41	.15	.00	.04	.10	.43	.07	.09	.50	.03	7.5
				D R Y S E A S O N						
42	.03	.00	.05	.00	.00	.10	.00	.00	.09	0.3
43	.05	.00	.03	.03	.00	.00	.01	.00	.00	1.5
44	.03	.00	.06	.03	.00	.03	.01	.00	.02	0.7
45	.06	.50	.00	.04	.00	.03	.03	.00	.02	1.2
46	.03	.00	.05	.03	.50	.03	.01	1.00	.02	1.0
47	.05	.00	.05	.04	.00	.03	.04	.00	.02	2.5

...Table continued

Std. Wk.	>5 mm W	WW	W/D	>10 mm W	W/W	W/D	>20 mm W	W/W	W/D	Mean (mm)
48	.05	.00	.02	.00	.00	.04	.00	.00	.04	0.4
49	.02	.00	.05	.00	.00	.00	.00	.00	.00	0.1
50	.05	.33	.03	.03	.00	.00	.00	.00	.00	0.7
51	.05	.00	.00	.01	.00	.03	.00	.00	.00	0.5
52	.00	.00	.05	.00	.00	.01	.00	.00	.00	0.1
1	.05	.00	.05	.03	.00	.00	.01	.00	.00	0.8
2	.05	.00	.02	.03	.00	.03	.01	.00	.02	0.7
3	.02	.00	.03	.01	.00	.03	.01	.00	.02	0.8
4	.03	.00	.02	.00	.00	.01	.00	.00	.01	0.3
5	.02	.00	.00	.00	.00	.00	.00	.00	.00	0.2
6	.00	.00	.05	.00	.00	.00	.00	.00	.00	0.1
7	.05	.33	.03	.03	.00	.00	.00	.00	.00	0 .5
8	.05	.00	.05	.00	.00	.03	.00	.00	.00	0.6
9	.05	.00	.02	.01	.00	.00	.01	.00	.00	0.7
10	.02	.00	.03	.01	.00	.02	.00	.00	.01	0.3
11	.03	.00	.02	.03	.00	.02	.00	.00	.00	0.4
12	.02	1.00	.03	.01	.00	.03	.01	.00	.00	1.2
13	.05	.00	.02	.01	1.00	.00	.00	.00	.01	0.5
14	.02	.00	.03	.01	.00	.02	.00	.00	.00	0.3
15	.03	.00	.05	.01	.00	.02	.00	.00	.00	0 .4
16	.05	.00	.02	.03	.00	.02	.01	.00	.00	0.8
17	.02	.00	.05	.00	.00	.03	.00	.00	.01	0.2
18	.05	.67	.06	.03	.00	.00	.01	.00	.00	0,6
19	.09	.17	.13	.04	.33	.02	.03	.00	.02	1.4
20	.13	.22	.03	.09	.17	.03	.04	.00	.03	2.5
21	.06	.25	.16	.03	1.00	.06	.03	1.00	.02	2.0

Rainfall: (mm)

Pre-rainy season : 14.4

Rainy season : 654.5

Post-rainy season : 23.1

Post-rainy dry season: 24.3

Winter rainy season : -

Dry season : -

Annual: 716.3

TABLE 32

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT GANGANAGAR

Std. Wk.	> 5 mm W	> 5 mm W/W	> 5 mm W/D	> 10 mm W	> 10 mm W/W	> 10 mm W/D	> 20 mm W	> 20 mm W/W	> 20 mm W/D	Mean (mm)
				P R E - R A I N Y S E A S O N						
19	.35	.33	.27	.18	.00	.36	.06	.00	.13	5.6
20	.29	.20	.17	.29	.00	.08	.12	.00	.07	6.4
21	.18	.67	.07	.06	.00	.06	.06	.00	.06	2.5
22	.18	.33	.07	.06	.00	.06	.06	.00	.06	4.0
23	.12	.00	.20	.06	.00	.13	.06	.00	.06	2.9
24	.18	.00	.14	.12	.00	.13	.06	.00	.13	5.1
25	.12	.50	.27	.12	.50	.27	.12	.50	.13	7.5
26	.29	.80	.58	.29	.60	.25	.18	.33	.21	9.2
				R A I N Y S E A S O N						
27	.65	.36	.33	.35	.50	.18	.24	.75	.00	16.7
28	.35	.67	.55	.29	.40	.58	.18	.33	.43	20.1
29	.59	.50	.43	.53	.44	.38	.41	.43	.40	18.3
30	.47	.38	.33	.41	.29	.30	.41	.29	.20	20.1
31	.35	.50	.46	.29	.00	.33	.24	.00	.15	13.8
32	.47	.50	.56	.23	.25	.62	.12	.00	.40	11.7
33	.53	.56	.38	.53	.44	.38	.35	.33	.18	22.9
34	.47	.50	.44	.41	.43	.50	.24	.50	.39	16.8
35	.47	.63	.44	.47	.50	.44	.41	.43	.30	15.7
36	.53	.56	.00	.47	.63	.00	.35	.67	.00	30.2
				P O S T - R A I N Y S E A S O N						
37	.29	.00	.25	.29	.00	.25	.24	.00	.23	18.6
38	.18	.33	.21	.18	.33	.21	.18	.33	.21	10.0
39	.24	.00	.08	.24	.00	.08	.24	.00	.00	13.0
				D R Y S E A S O N						
40	.06	.00	.00	.06	.00	.00	.00	.00	.00	1.3
41	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.1
42	.00	.00	.06	.00	.00	.06	.00	.00	.00	0.1
43	.06	.00	.06	.06	.00	.00	.00	.00	.00	0.7
44	.06	.00	.06	.00	.00	.06	.00	.00	.06	0.7
45	.06	.00	.00	.06	.00	.00	.06	.00	.00	1.3

...Table continued

Std. Wk.	>5 mm W	>5 mm W/W	>5 mm W/D	>10 mm W	>10 mm W/W	>10 mm W/D	>20 mm W	>20 mm W/W	>20 mm W/D	Mean (mm)
46	.00	.00	.12	.00	.00	.06	.00	.00	.00	0.5
47	.12	.00	.07	.06	.00	.00	.00	.00	.00	1.6
48	.06	.00	.13	.00	.00	.06	.00	.00	.00	0.8
49	.12	.50	.13	.06	.00	.13	.00	.00	.12	1.8
50	.18	.00	.07	.12	.00	.00	.12	.00	.00	3.1
51	.06	.00	.19	.00	.00	.18	.00	.00	.12	0.7
52	.18	.00	.00	.18	.00	.00	.12	.00	.00	4.6
1	.00	.00	.12	.00	.00	.12	.00	.00	.06	0.7
2	.12	.50	.13	.12	.50	.07	.06	.00	.00	2.7
3	.18	.33	.07	.12	.00	.07	.00	.00	.00	2.7
4	.12	.00	.20	.06	.00	.13	.00	.00	.06	1.6
5	.18	.00	.07	.12	.00	.07	.06	.00	.00	2.6
6	.06	.00	.06	.06	.00	.06	.00	.00	.06	1.0
7	.06	.00	.13	.06	.00	.06	.06	.00	.00	2.1
8	.12	.50	.07	.06	.00	.13	.00	.00	.06	1.3
9	.12	.00	.20	.12	.00	.20	.06	.00	.06	2.7
10	.18	.33	.21	.18	.33	.14	.06	.00	.06	4.7
11	.24	.25	.31	.18	.00	.21	.06	.00	.00	5.0
12	.29	.40	.00	.18	.33	.07	.00	.00	.06	3.9
13	.12	.50	.07	.12	.50	.07	.06	.00	.00	6.1
14	.12	.00	.13	.12	.00	.07	.00	.00	.00	1.6
15	.12	.00	.00	.06	.00	.00	.00	.00	.00	1.2
16	.00	.00	.12	.00	.00	.06	.00	.00	.00	0.5
17	.12	.00	.07	.06	.00	.00	.00	.00	.00	1.8
18	.06	.00	.38	.00	.00	.18	.00	.00	.06	0.9

Rainfall:(mm)

Pre-rainy season : 43.2

Post-rainy dry season: 60.4

Rainy season : 186.3

Winter rainy season : -

Post-rainy season s 41.6

Dry season : -

Annual: 331.5

TABLE 33

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT GOGHA

Std. Wk.	> 5 mm W	W/W	W/D	>10 mm W	W/W	W/D	»20 mm W	W/W	W/D	Mean (mm)
				PRE-RAINY SEASON						
22	.17	.09	.02	.14	.00	.02	.11	.00	.00	5.0
23	.27	.22	.15	.21	.21	.12	.15	.30	.07	10.0
				RAINY SEASON						
24	.50	.45	.09	.41	.41	.08	.27	.28	.10	24.3
25	.53	.54	.45	.45	.53	.31	.38	.40	.20	26.0
26	.62	.61	.40	.58	.58	.29	.48	.53	.24	40.1
27	.79	.65	.50	.70	.63	.35	.56	.59	.34	54.4
28	.79	.75	.86	.73	.73	.61	.67	.57	.55	54.9
29	.68	.89	.57	.56	.81	.62	.48	.75	.59	36.8
30	.79	.73	.50	.73	.60	.44	.64	.57	.33	56.8
31	.73	.88	.56	.64	.76	.67	.48	.72	*.56*	36.0
32	.59	.72	.74	.50	.67	.61	.36	.54	.45	23.1
33	.58	.66	.50	.52	.62	.38	.41	.52	.26	35.0
34	.59	.64	.48	.47	.58	.46	.36	.46	.38	31.1
35	.70	.70	.35	.58	.63	.25	.39	-54	.25	29.3
36	.65	.79	.52	.53	.69	.45	.42	.57	.26	40.8
37	.56	.76	.52	.45	.70	.39	.36	.63	.31	25.5
38	.45	.67	.47	.33	.59	.39	.29	.37	.36	27.5
				POST-RAINY SEASON						
39	.32	.48	.44	.26	.29	.35	.20	.15	.32	16.1
40	.15	.70	.25	.09	.33	.25	.08	.00	.21	6.5
				DRY SEASON						
41	.11	.43	.14	.08	.60	.05	.05	.67	.05	5.7
42	.06	.25	.10	.05	.00	.08	.02	.00	.05	1.4
43	.05	.33	.05	.02	.00	.05	.02	.00	.02	1.3
44	.03	.00	.05	.03	.00	.02	.03	.00	.02	2.0
45	.03	.00	.03	.03	.00	.03	.03	.00	.03	1.2
46	.03	.00	.03	.03	.00	.03	.02	.00	.03	1.9
47	.05	.00	.03	.03	.00	.03	.02	.00	.02	1.4

...Table continued

Std.	>5 mm			> 10 mm			> 20 mm			Mean
Wk.	W	W/W	W/D	W	W/W	W/D	W	W/W	W/D	(mm)
48	.03	.00	.05	.02	.00	.03	.02	.00	.02	0.5
49	.00	.00	.03	.00	.00	.02	.00	.00	.02	0.1
50	.03	.00	.00	.02	.00	.00	.00	.00	.00	0.4
51	.02	.00	.03	.02	.00	.02	.02	.00	.00	0.5
52	.00	.00	.02	.00	.00	.02	.00	.00	.02	0.0
1	.05	.00	.00	.02	.00	.00	.00	.00	.00	1.8
2	.03	.50	.03	.02	.00	.02	.00	.00	.02	0.3
3	.02	.00	.03	.02	.00	.02	.00	.00	.00	0.2
4	.02	.00	.02	.02	.00	.02	.00	.00	.00	0.2
5	.03	.00	.03	.00	.00	.02	.00	.00	.00	0.3
6	.03	.00	.03	.02	.00	.00	.00	.00	.00	0.3
7	.00	.00	.03	.00	.00	.02	.00	.00	.00	0.1
8	.02	.00	.00	.02	.00	.00	.00	.00	.00	0.4
9	.02	.00	.02	.02	.00	.02	.02	.00	.00	0.8
10	.00	.00	.02	.00	.00	.02	.00	.00	.02	0.0
11	.03	.00	.00	.02	.00	.00	.02	.00	.00	4.7
12	.02	.00	.03	.02	.00	.02	.02	.00	.02	0.4
13	,02	.00	.02	.00	.00	.02	.00	.00	.02	0.1
14	.00	.00	.02	.00	.00	.00	.00	.00	.00	0.1
15	.02	.00	.00	.00	.00	.00	.00	.00	.00	0.1
16	.05	.00	.02	.05	.00	.00	.03	.00	.00	4.4
17	.00	.00	.05	.00	.00	.05	.00	.00	.00	0.1
18	.05	.00	.00	.05	.00	.00	.05	.00	.00	1.8
19	.03	.50	.03	.02	1.00	.03	.02	1.00	.03	1.0
20	.05	.33	.02	.05	.33	.00	.05	.33	.00	2.7
21	.03	.50	03	.02	.00	.05	.00	.00	.05	0.4

Rainfall: (mm)

Pre-rainy season	15.0	Post-rainy dry season:	36.6
Rainy season	541.6	Winter rainy season :	-
Post-rainy season	22.6	Dry season :	-

Annual:615.8

TABLE 34

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT GORAKHPUR

Std. wk.	5 mm W	5 mm W/W	5 mm W/D	10 mm W	10 mm W/W	10 mm W/D	20 mm W	20 mm W/W	20 mm W/D	Mean (mm)
				PRE-RAINY SEASON						
18	.22	.36	.29	.20	.39	.25	.09	.50	.15	5.9
19	.31	.30	.22	.28	.28	.19	.19	.17	.11	9.5
20	.25	.25	.31	.22	.21	.29	.12	.13	.14	6.2
21	.29	.42	.50	.28	.44	.38	.14	.56	.25	6.9
				RAINY SEASON						
22	.48	.65	.44	.40	.54	.41	.29	.42	.33	16.4
23	.54	.80	.63	.46	.67	.60	.35	.61	.48	19.4
24	.72	.87	.78	.63	.81	.71	.52	.56	.65	33.4
25	.85	.91	.70	.77	.84	.67	.60	.74	.58	56.0
26	.88	.90	1.00	.80	.83	1.00	.68	.73	.76	60.3
27	.91	.90	1.00	.86	.89	.89	.74	.83	.77	77.9
28	.91	.95	1.00	.89	.91	1.00	.82	.85	1.00	84.4
29	.95	.94	.67	.92	.87	.60	.88	.75	.63	89.8
30	.92	.97	.80	.85	.93	.90	.74	.85	.77	63.8
31	.95	.98	1.00	.92	.97	1.00	.83	.85	.91	80.8
32	.99	.94	1.00	.97	.89	1.00	.86	.77	.78	86.9
33	.94	.95	1.00	.89	.91	.71	.77	.80	.60	97.5
34	.95	.90	1.00	.89	.78	.86	.75	.78	.56	64.8
35	.91	.90	1.00	.78	.86	.79	.72	.66	.83	75.2
36	.91	.80	.67	.85	.71	.80	.71	.61	.74	70.2
37	.79	.77	.71	.72	.62	.78	.65	.48	.61	63.8
38	.75	.67	.69	.66	.58	.64	.52	.50	.58	44.0
39	.68	.59	.33	.60	.51	.42	.54	.34	.40	33.6
40	.51	.39	.19	.48	.32	.24	.37	.29	.12	29.7
				POST-RAINY SEASON						
41	.29	.42	.17	.28	.33	.17	.19	.33	.11	20.0
42	.25	.13	.06	.22	.07	.04	.15	.10	.02	10.4
				DRY SEASON						
43	.08	.00	.08	.05	.00	.07	.03	.00	.06	1.9
44	.08	.00	.05	.06	.00	.03	.06	.00	.02	5.3
45	.05	.67	.02	.03	.50	.03	.02	.00	.02	0.9
46	.05	.00	.03	.05	.00	.03	.02	.00	.03	1.6

...Table continued

Std. Wk.	>5 mm W	W/W	W/D	>10 mm W	W/W	W/D	>20 mm W	W/W	W/D	Mean (mm)
47	.03	.00	.00	.03	.00	.00	.03	.00	.00	0.8
48	.00	.00	.02	.00	.00	.02	.00	.00	.00	0.0
49	.02	.00	.03	.02	.00	.02	.00	.00	.00	0.4
50	.03	.00	.10	.02	.00	.08	.00	.00	.05	0.3
51	.09	.00	.12	.08	.00	.07	.05	.00	.03	2.1
52	.11	.00	.14	.06	.00	.10	.03	.00	.05	1.8
1	.14	.22	.18	.11	.14	.09	.06	.00	.05	3.2
				WINTER RAINS						
2	.19	.08	.21	.09	.17	.09	.05	.00	.07	7.9
3	.19	.17	.26	.09	.00	.14	.06	.00	.08	3.8
4	.25	.25	.29	.12	.13	.21	.08	.00	.10	3.5
5	.28	.28	.26	.20	.31	.14	.09	.17	.07	5.0
6	.26	.24	.21	.17	.18	,13	.08	.00	.07	5.2
7	.22	.36	.22	.14	.22	.14	.06	.50	.05	3.8
8	.25	.13	.10	.15	.00	.09	.08	.00	.05	4.4
				DRY SEASON						
9	.11	.14	.12	.08	.20	.05	.05	.00	.03	2.2
10	.12	.00	.16	.06	.00	.10	.03	.00	.03	2.1
11	.14	.33	.11	.09	.17	.07	.03	.00	.08	2.6
12	.14	.11	.11	.08	.20	.07	.08	.00	.03	3.1
13	.11	.00	.07	.08	.00	.02	.03	.00	.00	1.9
14	.06	.25	.07	.02	,00	.08	.00	.00	.05	1.0
15	.08	.20	.10	.08	.20	.03	.05	.00	.02	2.5
16	.11	.29	.12	.05	.33	.08	.02	1.00	.05	1.8
17	.14	.33	.20	.09	.17	.20	.06	.00	.10	4.1

Rainfall: (mm)

Pre-rainy season : 28.5

Rainy season :1147.9

Post-rainy season : 30.4

Post-rainy dry season: 18.3

Winter rainy season : 33.6

Dry season : 21.3

Annual: 1280.5

TABLE 35

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT GULBARGA

Std. Wk.	> 5 mm W	> 5 mm W/W	> 5 mm W/D	> 10 mm W	> 10 mm W/W	> 10 mm W/D	> 20 mm W	> 20 mm W/W	> 20 mm W/D	Mean (mm)
				PRE-RAINY SEASON						
13	.19	.38	.16	.13	.22	.08	.04	.00	.03	4.0
14	.20	.21	.25	.10	.00	.13	.03	.00	.09	3.0
15	.24	.24	.28	.11	.13	.15	.09	.00	.06	4.7
16	.27	.37	.25	.14	.20	.18	.06	.25	.03	3.8
17	.29	*.35*	.42	*.19*	*.23*	*.28*	.04	.00	*.13*	5.9
18	.40	.46	.14	.27	.16	.12	.13	.00	.07	8.0
19	.27	.53	.20	.13	.44	.23	.06	.25	.09	4.5
20	.29	.40	.34	.26	.39	.19	.10	.29	.16	6.0
21	.36	.48	.33	.24	.41	.28	.17	.17	.19	11.9
22	.39	.74	.72	.31	.59	.52	.19	.46	.37	13.4
				RAINY SEASON						
23	.73	.69	.58	.54	.47	.66	.39	.30	.51	23.7
24	.66	.76	.83	.56	.64	.74	.43	.47	.53	23.4
25	.79	.69	.87	.69	.63	.68	.50	.49	.49	28.3
26	.73	.78	.74	.64	.67	.72	.49	.47	.50	31.0
27	.77	.81	.75	.69	.79	.64	.49	.59	.50	28.1
28	.80	.82	.57	.74	.71	.50	.54	.61	.47	31.4
29	.77	.87	.69	.66	.74	.58	.54	.61	.44	34.2
30	.83	.81	.42	.69	.67	.45	.53	.49	.50	35.1
31	.74	.71	.56	.60	.62	.39	.40	.54	.24	32.5
32	.67	.70	.70	.53	.59	.48	.36	.60	.36	24.0
33	.70	.67	.62	.54	.53	.50	.44	.48	.38	29.5
34	.66	.78	.63	.51	.75	.47	.43	.57	.35	41.1
35	.73	.69	.79	*.61*	.53	.59	.44	.48	.49	33.9
36	.71	.72	.95	.56	.67	.77	.49	.59	.61	36.4
37	.79	.82	.67	.71	.80	.45	.60	.76	.46	47.5
38	.79	.85	.73	.70	.76	.71	.64	.64	.60	57.1
39	.83	.64	.42	.74	.54	.33	.63	.48	.23	44.3
40	.60	.50	.39	.49	.41	.36	.39	.33	.28	23.0
41	.46	.53	.32	.39	.41	.28	.30	.24	.22	23.0

...Table continued

Std. wk.	> 5 mm W	W/W	W/D	> 10 mm W	W/W	W/D	> 20 mm W	W/W	W/D	Mean (mm)
				POST-RAINY SEASON						
42	.41	.45	.29	.33	.39	.26	.23	.31	.17	12.9
43	.36	.44	.24	.30	.33	.22	.20	.43	.13	12.1
44	.31	.32	.21	.26	.17	.21	.19	.23	.14	10.8
45	.24	.24	.19	.20	.14	.14	.16	.09	.08	7.2
46	.20	.29	.09	.14	.20	.07	.09	.17	.06	4.5
				DRY SEASON						
47	.13	.11	.11	.09	.00	.08	.07	.00	.03	4.7
48	.11	.13	.02	.07	.20	.02	.03	.00	.01	2.8
49	.03	.00	.07	.03	.00	.04	.01	.00	.00	1.8
50	.07	.00	.03	.04	.00	.00	.00	.00	.00	1.0
51	.03	.50	.03	.00	.00	.01	.00	.00	.01	0.3
52	.04	.00	.06	.01	.00	.03	.01	.00	.03	1.2
1	.06	.25	.05	.03	.00	.03	.03	.00	.01	1.3
2	.06	.25	.03	.03	.00	.03	.01	.00	.03	2.4
3	.04	.00	.01	.03	.00	.01	.03	.00	.01	1.2
4	.01	1.00	.12	.01	1.00	.09	.01	.00	.04	0.5
5	.13	.11	.03	.10	.00	.05	.04	.00	.04	2.7
6	.04	.00	.03	.04	.00	.03	.04	.00	.01	1.9
7	.03	.00	.10	.03	.00	.00	.07	.01	.00	0.7
8	.10	.14	.08	.07	.00	.06	.00	.00	.04	1.3
9	.09	.00	.05	.06	.00	.03	.04	.00	.01	1.7
10	.04	.00	.09	.03	.00	.06	.01	.00	.03	1.4
11	.09	.17	.09	.06	.25	.08	.03	.00	.03	1.6
12	.10	.00	.21	.09	.00	.14	.03	.00	.04	2.2

Rainfall: (mm)

Pre-rainy season : 65.2

Rainy season : 627.5

Post-rainy season : 47.5

Post-rainy dry season: -

Winter rainy season : -

Dry season : 30.7

Annual: 770.9

TABLE 36

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT HISSAR

Std.	> 5 mm			>10 mm			>20 mm			Mean
Wk.	W	W/W	W/D	W	W/W	W/D	W	W/W	W/D	(mm)
				P R E - R A I N Y S E A S O N						
23	.36	.42	.24	.21	.27	.19	.09	.40	.15	5.2
24	.30	.56	.32	.21	.36	.21	.17	.22	.18	9.1
25	.40	.38	.25	.25	.46	.20	.19	.10	.12	9.8
26	.30	.75	.49	.26	.71	.44	.11	.67	.28	8.6
				R A I N Y S E A S O N						
27	.57	.60	.65	.51	.56	.58	.32	.24	.47	21.9
28	.62	.52	.45	.57	.50	.39	.40	.38	.38	26.6
29	.49	.89	.56	.45	.79	.48	.38	.70	.42	23.5
30	.72	.66	.47	.62	.416	.45	.53	.39	.36	32.9
31	.60	.72	.48	.45	.63	.45	.38	.45	.36	19.9
32	.62	.55	.60	.53	.50	.52	.40	.33	.44	26.7
33	.57	.67	.44	.51	.59	.31	.40	.57	.25	27.4
34	.57	.63	.30	.45	.50	.31	.38	.40	.18	22.6
35	.49	.23	.37	.40	.14	.31	.26	.14	.18	21.8
				P O S T - R A I N Y S E A S O N						
36	.30	.31	.46	.25	.31	.45	.17	.11	.30	15.9
37	.42	.46	.26	.42	.36	.16	.26	.36	.10	20.1
38	.34	.33	.23	.25	.39	.15	.17	.33	.14	12.0
39	.26	.14	.13	.21	.09	.10	.17	.11	.09	12.9
				D R Y S E A S O N						
40	.13	.14	.04	.09	.00	.01	.09	.00	.04	6.0
41	.06	.00	.12	.04	.00	.10	.04	.00	.06	1.5
42	.11	.17	.02	.09	.20	.02	.06	.00	.02	2.8
43	.04	.00	.02	.04	.00	.02	.02	.00	.00	0.8
44	.02	1.00	.02	.02	.00	.02	.00	.00	.02	0.5
45	.04	.00	.06	.02	.00	.00	.02	.00	.00	1.1
46	.06	.33	.02	.00	.00	.02	.00	.00	.02	0.5
47	.04	.00	.06	.02	.00	.02	.02	.00	.02	0.6

...Table continued

Std. Wk.	> 5 mm W	W/W	W/D	> 10 mm W	W/W	W/D	> 20 mm W	W/W	W/D	Mean (mm)
48	.06	.00	.04	.02	.00	.02	.02	.00	.00	1.0
49	.04	.00	.08	.02	.00	.06	.00	.00	.02	0.5
50	.08	.50	.18	.06	.33	.10	.02	.00	.00	1.5
				WINTER RAINS						
51	.21	.27	.12	.11	.17	.09	.00	.00	.07	2.5
52	.15	.00	.13	.09	.00	.08	.02	.00	.04	2.0
1	.11	.33	.17	.08	.25	.10	.04	.00	.06	2.4
2	.19	.20	.19	.11	.33	.13	.06	.00	.12	4.1
3	.19	.00	.19	.15	.00	.13	.11	.00	.09	5.2
4	.15	.25	.24	.11	.33	.21	.08	.00	.06	4.1
5	.25	.15	.15	.23	.17	.07	.06	.00	.04	4.2
6	.15	.25	.18	.09	.20	.15	.04	.00	.08	2.6
7	.19	.40	.12	.15	.25	.07	.08	.00	.02	4.3
8	.17	.33	.07	.09	.40	.06	.02	.00	.04	2.8
				DRY SEASON						
9	.11	.17	.15	.09	.00	.13	.04	.00	.06	2.3
10	.15	.38	.11	.11	.17	.02	.06	.00	.00	3.5
11	.15	.13	.29	.04	.00	.10	.00	.00	.04	1.6
12	.26	.36	.13	.09	.40	.08	.04	.50	.06	3.0
13	.19	.40	.09	.11	.33	.02	.08	.25	.00	3.1
14	.15	.25	.07	.05	.00	.02	.02	.00	.00	2.1
15	.09	.00	.06	.02	.00	.02	.00	.00	.00	1.2
16	.06	.00	.08	.02	.00	.02	.00	.00	.00	0.9
17	.08	.25	.06	.02	.00	.04	.00	.00	.02	1.0
18	.08	.50	.22	.04	.00	.16	.02	.00	.12	1.1
19	.25	.15	.13	.15	.13	.07	.11	.00	.00	5.5
20	.13	.14	.22	.08	.25	.10	.00	.00	.06	1.9
21	.21	.00	.17	.11	.00	.00	.06	.00	.00	3.2
22	.13	.71	.30	.00	.00	.21	.00	.00	.09	1.5

Rainfall: (mm)

Pre-rainy season	: 32.7	Post-rainy dry season	: 16.8
Rainy season	: 223.3	Winter rainy season	: 34.2
Post-rainy season	: 60.9	Dry season	: 31.9

Annual: 399.8

TABLE 37

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT HYDERABAD

Std.	> 5 mm			> 10 mm			> 20 mm			Mean
wk.	W	W/W	W/D	W	W/W	W/D	W	W/W	W/D	(mm)
				P R E - R A I N Y S E A S O N						
14	.23	.19	.13	.13	.11	.08	.06	.00	.03	4.6
15	.28	.32	.20	.20	.14	.13	.10	.14	.05	6.4
16	.30	.38	.23	.22	.20	.20	.12	.25	.08	6.5
17	.23	.25	.32	.16	.18	.22	.06	.25	.11	5.6
18	.25	.29	.21	.16	.36	.12	.09	.17	.05	5.4
19	.20	.36	.22	.12	.38	.13	.09	.00	.10	4.5
20	.28	.32	.16	.19	.31	.07	.10	.14	.08	6.8
21	.42	.31	.25	.36	.20	.18	.22	.07	.11	11.6
				R A I N Y S E A S O N						
22	.46	.56	.30	.30	.43	.33	.12	.25	.21	8.3
23	.57	.56	.33	.38	.42	.23	.28	.11	.12	17.1
24	.67	.63	.43	.49	.35	.40	.39	.26	.29	18.8
25	.81	.70	.54	.68	.49	.50	.49	.44	.34	32.1
26	.87	.82	.78	.77	.68	.69	.62	.49	.50	36.4
27	.83	.84	1.00	.71	.73	.85	.59	.59	.68	31.8
28	.83	.88	.58	.72	.74	.63	.55	.66	.52	32.1
29	.83	.82	.83	.72	.76	.63	.67	.57	.52	43.2
30	.91	.84	.67	.81	.71	.77	.74	.63	.78	45.6
31	.91	.92	.83	.84	.83	.73	.61	.79	.67	38.5
32	.75	.88	1.00	.64	.84	.84	.46	.67	.57	27.0
33	.78	.78	.67	.64	.75	.44	.48	.55	.39	27.1
34	.71	.84	.65	.59	.68	.57	.46	.44	.51	34.9
35	.84	.69	.82	.75	.52	.82	.52	.39	.55	38.1
36	.77	.89	.69	.74	.78	.67	.52	.61	.42	37.9
37	.80	*.80*	.64	.65	.78	.67	.55	.63	.39	43.9
38	.78	.76	.93	.74	.63	.72	.59	.54	.57	37.9
39	.70	.79	.76	.61	.79	.67	.49	.68	.51	42.9
40	.49	.79	.60	.39	.74	.52	.28	.63	.44	18.9
41	.48	.61	.39	.42	.41	.38	.22	.27	.28	18.2

...Table continued

Std. Wk.	>5 mm W	>5 mm W/W	>5 mm W/D	>10 mm W	>10 mm W/W	>10 mm W/D	>20 mm W	>20 mm W/W	>20 mm W/D	Mean (mm)
				P O S T - R A I N Y S E A S O N						
42	.39	.41	.52	.35	.29	.49	.29	.10	.27	17.7
43	.35	.67	.24	.29	.60	.24	.23	.50	.23	15.7
44	.30	.38	.33	.25	.41	.25	.22	.33	.20	13.0
45	.30	.57	.19	.25	.41	.19	.16	.36	.19	7.7
46	.16	.73	.22	.10	.57	.21	.09	.50	.13	4.9
47	.22	.33	.11	.16	.27	.07	.07	.40	.06	5.7
				D R Y S E A S O N						
48	.12	.38	.20	.04	.33	.15	.04	.33	.06	2.6
49	.07	.40	.09	.04	.33	.03	.03	.50	.03	2.1
50	.07	.00	.08	.03	.00	.04	.01	.00	.03	1.1
51	,07	.20	.06	.06	.25	.02	.03	.00	.01	1.6
52	.03	.50	.06	.03	.50	.05	.03	.50	.01	1.1
1	.07	.00	.00	.01	.00	.00	.01	.00	.00	2.3
2	.06	.25	.06	.00	.00	.01	.00	.00	.01	0.5
3	.06	.25	.05	.06	.00	.00	.03	.00	.00	2.0
4	.03	.50	.04	.01	.00	.06	.01	.00	.03	0.4
5	.09	.17	.02	.09	.17	.00	.06	.00	.02	2.4
6	.09	.17	.08	.07	.00	.09	.01	.00	.06	1.3
7	.12	.38	.05	.07	.60	.03	.04	.00	.02	2.4
8	.10	.29	.10	.09	.33	.05	.07	.00	.05	3.3
9	.09	.33	.08	.06	.50	.06	.04	.67	.05	2.5
10	.03	.00	.09	.01	.00	.06	.00	.00	.04	0-5
11	.14	.10	.02	.10	.14	.00	.04	.00	.00	2.8
12	.12	.25	.13	.10	.14	.10	.07	.20	.03	5.0
13	.14	.30	.08	.09	.33	.08	.03	.50	.06	2.3

Rainfall: (mm)

Pre-rainy season : 51.4

Rainy season : 630.7

Post-rainy season : 64.7

Post-rainy dry season : 36.5

Winter rainy season : -

Dry season : -

Annual: 783.3

TABLE 38

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT INDORE

Std. Wk.	> 5 mm W	W/W	W/D	> 10 mm W	W/W	W/D	> 20 mm W	W/W	W/D	Mean (mm)
				P R E - R A I N Y S E A S O N						
21	.17	.00	.12	.03	.00	.03	.00	.00	.00	1.5
22	.27	.38	.09	.17	.20	.00	.17	.00	.00	14.6
23	.43	.31	.24	.33	.30	.10	.13	.25	.15	7.9
				R A I N Y S E A S O N						
24	.77	.52	.14	.63	.37	.27	.47	.07	.19	27.8
25	.70	.76	.78	.63	.63	.64	.53	.56	.36	31.8
26	.83	.80	.20	.70	.76	.33	.60	.72	.25	58.0
27	.97	.83	1.00	.93	.71	.50	.83	.60	.60	76.4
28	.90	.96	1.00	.87	.92	1.00	.77	.91	.57	66.0
29	.90	.89	1.00	.87	.88	.75	.73	.77	.75	48.8
30	.87	.92	.75	.80	.92	.67	.70	.76	.67	71.3
31	.93	.86	1.00	.83	.80	.80	.67	.70	.70	81.2
32	.93	.93	1.00	.83	.80	1.00	.63	.63	.73	57.4
33	.90	.93	1.00	.83	.84	.80	.70	.76	.33	51.9
34	.80	.96	.67	.67	.95	.60	.57	.82	.54	50.4
35	.80	.83	.67	.67	.65	.70	.60	.61	.50	73.3
36	.87	.88	.25	.70	.86	.22	.63	.74	.36	66.5
37	.77	.87	.86	.70	.62	.89	.67	.55	.80	50.9
38	.73	.77	.75	.60	.72	.67	.43	.69	.65	46.7
39	.70	.81	.56	.57	.65	.54	.50	.53	.33	32.1
				P O S T - R A I N Y S E A S O N						
40	.27	.88	.64	.23	.71	.52	.17	.60	.48	16.3
41	.37	.36	.21.	.27	.25	.23	.20	.17	.17	12.3
42	.20	.33	.38	.10	.33	.26	.07	.50	.18	5.7
				D R Y S E A S O N						
43	.03	.00	.21	.03	.00	.10	.03	.00	.07	1.2
44	.10	.00	.04	.10	.00	.04	.07	.00	.04	3.3
45	.17	.00	.12	.17	.00	.12	.10	.00	.07	6.9
46	.10	.33	.15	.07	.50	.14	.07	.50	.07	3.7

...Table continued

Std. Wk.	>5 mm W	W/W	W/D	>10 mm W	W/W	W/D	>20 mm W	W/W	W/D	Mean (mm)
47	.13	.25	.08	.07	.50	.04	.07	.50	.04	4.0
48	.10	.67	.07	.10	.33	.04	.07	.50	.04	4.3
49	.03	.00	.10	.03	.00	.10	.03	.00	.07	1.7
50	.07	.00	.04	.07	.00	.04	.03	.00	.03	2.9
51	.10	.33	.04	.03	1.00	.03	.03	1.00	.00	1.8
52	.03	.00	.10	.03	.00	.03	.00	.00	.03	0.9
1	.20	.00	.00	.13	.00	.00	.03	.00	.00	3.1
2	.23	.29	.17	.13	.25	.12	.00	.00	.03	3.3
3	.13	.00	.27	.10	.00	.15	.03	.00	.00	2.3
4	.13	.25	.12	.07	.00	.11	.03	.00	.03	1.7
5	.03	1.00	.10	.00	.00	.07	.00	.00	.03	0.3
6	.00	.00	.03	.00	.00	.00	.00	.00	.00	0.0
7	.03	.00	.00	.00	.00	.00	.00	.00	.00	0.3
8	.07	.00	.04	.00	.00	.00	.00	.00	.00	0.6
9	.03	.00	.07	.03	.00	.00	.00	.00	.00	0.9
10	.10	.00	.04	.03	.00	.03	.03	.00	.00	1.4
11	.03	.00	.10	.03	.00	.03	.03	.00	.03	0.9
12	.03	.00	.03	.03	.00	.03	.00	.00	.03	0.8
13	.07	.00	.04	.03	.00	.03	.00	.00	.00	1.0
14	.00	.00	.07	.00	.00	.03	.00	.00	.00	0.4
15	.03	.00	.00	.00	.00	.00	.00	.00	.00	0.3
16	.07	.00	.04	.00	.00	.00	.00	.00	.00	0.8
17	.07	.00	.07	.03	.00	.00	.03	.00	.00	1.3
18	.10	.00	.07	.03	.00	.03	.00	.00	.03	0.9
19	.03	1.00	.07	.00	.00	.03	.00	.00	.00	0 .3
20	.10	.33	.00	.03	.00	.00	.00	.00	.00	1.3

Rainfall: (mm)

Pre-rainy season : 24.0

Rainy season : 890.5

Post-rainy season : 34.3

Post-rainy dry season: 52.6

Winter rainy season : -

Dry season : -

Annual: 1001.4

TABLE 39

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT JABALPUR

Std Wk.	> 5 mm W	W/W	W	>10 mm W	W/W	W/D	>20 mm W	W/W	W/D	Mean (mm)
				PRE-RAINY SEASON						
22	.25	.71	.33	.21	.50	.26	.14	.20	.16	7.9
23	.43	.79	.69	.31	.76	.62	.16	.73	.37	13.1
				RAINY SEASON						
24	.74	.78	.78	.66	.73	.74	.43	.59	.56	26.1
25	.78	.89	.93	.74	.84	.89	.57	.82	.72	48.3
26	.90	.98	1.00	.85	.95	.90	.78	.85	.80	64.9
27	.99	.94	1.00	.94	.92	1.00	.84	.90	.82	93.9
28	.94	.94	1.00	.93	.94	.60	.88	.88	.75	105.8
29	.94	.98	.75	.91	.97	.83	.87	.93	.89	101.8
30	.97	.97	1.00	.96	.94	1.00	.93	.87	.80	110.2
31	.97	.97	1.00	.94	.91	.75	.87	.83	.89	101.9
32	.97	.91	1.00	.90	.92	.71	.84	.86	.64	88.1
33	.91	.90	1.00	.90	.89	.86	.82	.84	.75	94.0
34	.91	.90	.67	.88	.87	.63	.82	.84	.50	104.1
35	.88	.87	1.00	.84	.90	.64	.78	.83	.60	75.4
36	.88	.87	.63	.85	.79	.70	.78	.72	.53	77.6
37	.84	.70	.36	.78	.64	.27	.68	.54	.32	48.6
38	.65	.57	.25	.56	.47	.30	.47	.38	.19	41.9
39	.46	.58	.32	.40	.41	.32	.28	.37	.27	21.0
				POST-RAINY SEASON						
40	.44	.37	.11	.35	.38	.14	.29	.30	.08	23.4
41	.22	.27	.15	.22	.20	.13	.15	.10	.09	10.2
42	.18	.17	.11	.15	.10	.09	.09	.00	.07	4.9
				DRY SEASON						
43	.12	.13	.12	.09	.00	.10	.06	.00	.09	3.1
44	.12	.13	.10	.09	.00	.10	.09	.00	.07	4.4
45	.10	.43	.08	.09	.33	.08	.06	.25	.08	3.3
46	.12	.13	.08	.10	.14	.07	.09	.17	.07	4.2
47	.09	.17	.07	.07	.20	.06	.07	.00	.05	4.9
48	.07	.20	.06	.07	.20	.05	.04	.00	.05	1.9

...Table continued

Std. Wk.	>5 mm W	>5 mm W/W	>5 mm W/D	>10 mm W	>10 mm W/W	>10 mm W/D	> 20 mm W	> 20 mm W/W	> 20 mm W/D	Mean (mm)
49	.07	.00	.06	.06	.00	.05	.04	.00	.03	1.9
50	.06	.25	.11	.04	.33	.08	.03	.00	.06	2.3
51	.12	.13	.12	.09	.17	.08	.06	.00	.03	2.4
52	.12	.38	.15	.09	.00	.07	.03	.00	.02	2.3
				WINTER RAINS						
1	.19	.39	.18	.07	.40	.10	.02	.00	.08	2.4
2	.22	.33	.19	.12	.38	.13	.07	.00	.03	4.2
3	.22	.33	.17	.16	.27	.18	.03	1.00	.11	3.8
4	.21	.36	.24	.19	.39	.18	.13	.11	.14	9.6
5	.27	.39	.20	.22	.13	.17	.13	.00	.10	6.5
6	.25	.35	.10	.16	.36	.11	.09	.17	.05	5.3
7	.16	.64	.19	.14	.50	.14	.06	.00	.08	3.4
8	.27	.39	.16	.19	.39	.11	.07	.40	.10	6.0
9	.22	.27	.13	.16	.09	.12	.12	.13	.03	6.7
10	.16	.09	.16	.12	.00	.08	.04	.00	.02	3.1
11	.15	.40	.16	.07	.40	.08	.02	.00	.05	2.2
12	.19	.46	.09	.10	.29	.08	.04	.00	.06	3.1
13	.16	.36	.18	.10	.14	.12	.06	.00	.05	3.8
14	.21	.07	.11	.12	.13	.08	.04	.00	.03	4.1
				DRY SEASON						
15	.10	.29	.05	.09	.00	.05	.03	.00	.03	2.0
16	.07	.60	.05	.04	.33	.03	.03	.00	.00	1.8
17	.09	.00	.07	.04	.00	.06	.00	.00	.03	1.1
18	.06	.50	.06	.06	.50	.05	.03	.00	.05	2.4
19	.09	.83	.08	.07	.40	.03	.04	.67	.00	2.1
20	.15	.30	.10	.06	.50	.05	.03	.50	.05	2.5
21	.13	.44	.22	.07	.40	.19	.06	.50	.13	3.8

Rainfall: (mm)

Pre-rainy season	21.0	Post-rainy dry season	30.7
Rainy season	1203.6	Winter rainy season	64.2
Post-rainy season	38.5	Dry season	15.7

Annual: 1373.7

TABLE 40

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT JAIPUR

Std. Wk.	> 5 mm W	> 5 mm W/W	> 5 mm W/D	>10 mm W	>10 mm W/W	>10 mm W/D	>20 mm W	>20 mm W/W	>20 mm W/D	Mean (mm)
				PRE-RAINY SEASON						
21	.21	.25	.00	.16	.00	.00	.05	.00	.00	3.3
22	.32	.17	.23	.16	.00	.19	.05	.00	.05	10.2
23	.21	.75	.20	.11	.50	.12	.00	.00	.05	2.7
24	.47	.22	.20	.32	.00	.15	.16	.00	.00	12.6
25	.42	.25	.64	.26	.00	.43	.16	.00	.19	11.0
				RAINY SEASON						
26	.53	.50	.33	.47	.33	.20	.32	.17	.15	14.4
27	.79	.53	.50	.74	.57	.20	.53	.30	.33	28.5
28	.68	.85	.67	.68	.85	.50	.58	.55	.50	43.0
29	.79	.73	.50	.74	.79	.40	.63	.83	.14	61.2
30	.79	.87	.50	.74	.79	.60	.68	.69	.50	62.9
31	.74	.93	.40	.58	1.00	.38	.53	.90	.44	26.8
32	.95	.78	.00	.74	.57	.60	.53	.50	.56	55.9
33	.79	.93	1.00	.68	.77	.67	.53	.50	.56	60.6
34	.79	.93	.25	.79	.80	.25	.68	.54	.50	64.2
35	.74	.86	.60	.63	.83	.71	.58	.82	.50	38.4
36	.68	.85	.50	.68	.77	.33	.53	.60	.56	30.4
37	.58	.82	.50	.58	.82	.50	.42	.63	.45	33.0
38	.53	.60	.56	.32	.67	.54	.26	.40	.43	18.0
				POST-RAINY SEASON						
39	.37	.57	.50	.32	.50	.23	.32	.50	.15	21.3
40	.37	.57	.25	.32	.33	.31	.32	.33	.31	18.0
				DRY SEASON						
41	.05	1.00	.33	.05	1.00	.28	.05	1.00	.28	6.8
42	.05	.00	.06	.00	.00	.05	.00	.00	.05	0.6
43	.05	1.00	.00	.05	.00	.00	.00	.00	.00	0.7
44	.00	.00	.05	.00	.00	.05	.00	.00	.00	0.5
45	.05	.00	.00	.05	.00	.00	.00	.00	.00	1.0
46	.00	.00	.05	.00	.00	.05	.00	.00	.00	0.0

...Table continued

Std. Wk.	> 5 mm W	W/W	W/D	>10 mm W	W/W	W/D	>20 mm W	W/W	W/D	Mean (mm)
47	.05	.00	.00	.05	.00	.00	.05	.00	.00	1.1
48	.11	.50	.00	.11	.50	.00	.05	.00	.06	1.9
49	.00	.00	.11	.00	.00	.11	.00	.00	.05	0.2
50	.05	.00	.00	.05	.00	.00	.00	.00	.00	0.9
51	.05	.00	.05	.00	.00	.05	.00	.00	.00	0.6
52	.00	.00	.05	.00	.00	.00	.00	.00	.00	0.1
				W I N T E R -		R A I N S				
1	.16	.00	.00	.16	.00	.00	.11	.00	.00	3.9
2	.32	.17	.15	.05	.00	.17	.05	.00	.11	4.1
3	.16	.33	.31	.16	.33	.00	.11	.50	.00	4.9
4	.16	.00	.19	.16	.00	.19	.05	.00	.11	3.6
				D R Y - S E A S O N						
5	.00	.00	.17	.00	.00	.16	.00	.00	.05	0.7
6	.00	.00	.00	.00	.00	.00	.00	.00	*.00*	0.4
7	.05	.00	.00	.05	.00	.00	.00	.00	.00	1.5
8	.21	.00	.07	.16	.00	.06	.11	.00	.00	5.9
9	.05	.00	.22	.05	.00	.17	.00	.00	.11	1.1
10	.11	.00	.06	.11	.00	.06	.05	.00	.00	2.3
11	.05	1.00	.06	.05	1.00	.06	.00	.00	.05	0.8
12	.05	.00	.05	.05	.00	.06	.00	.00	.00	1.4
13	.11	.00	.06	.05	.00	.06	.05	.00	.00	1.7
14	.11	1.00	.00	.05	1.00	.00	.05	1.00	.00	1.8
15	.11	.00	.12	.00	.00	.05	.00	.00	.05	0.7
16	.00	.00	.11	.00	.00	.00	.00	.00	.00	0.3
17	.05	.00	.00	.00	.00	.00	.00	.00	.00	0.4
18	.05	.00	.06	.00	.00	.00	.00	.00	.00	0.7
19	.16	.00	.06	.05	.00	.00	.00	.00	.00	1.6
20	.05	.00	.17	.00	.00	.05	.00	.00	.00	0.8

Rainfall: (mm)

Pre-rainy season : 39.8

Rainy season :537.3

Post-rainy season : 39.3

Post-rainy dry season : 14.4

Winter rainy season : 16,5

Dry season : 22.1

Annual: 669.4

TABLE 41

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT JAISALMER

Std.	> 5 mm			> 10 mm			>20 mm			Mean
Wk.	W	W/W	W/D	W	W/W	W/D	W	W/W	W/D	(mm)
				PRE-RAINY SEASON						
24	.16	.00	.00	.08	.00	.00	.04	.00	.00	3.9
25	.08	.50	.13	.04	.00	.08	.04	.00	.04	2.5
26	.16	.25	.05	.12	.33	.00	.04	1.00	.00	10.6
				RAINY SEASON						
27	.48	.25	.08	.44	.18	.07	.28	.00	.06	19.7
28	.48	.83	.15	.48	.83	.08	.28	.71	.11	18.3
29	.48	.33	.62	.36	.33	.56	.32	.25	.29	16.2
				POST-RAINY SEASON						
30	.36	.56	.44	.36	.44	.31	.16	.50	.29	12.3
31	.32	.38	.35	.32	.38	.35	.16	.00	.19	10.3
32	.44	.55	.14	.32	.50	.24	.28	.14	.17	13.1
33	.36	.44	.44	.28	.43	.28	.16	.75	.19	16.0
34	.40	.40	.33	.40	.30	.27	.36	.22	.13	24.1
35	.28	.71	.28	.28	.71	.28	.16	.75	.29	16.0
36	.20	.40	.25	.16	.50	.24	.08	.50	.13	8.2
37	.20	.40	.15	.16	.25	.14	.12	.33	.05	5.3
38	.16	.25	.19	.12	.33	.14	.04	.00	.13	2.5
				DRY SEASON						
39	.00	.00	.16	.00	.00	.12	.00	.00	.04	0.0
40	.08	.00	.00	.00	.00	.00	.00	.00	.00	0.8
41	.00	.00	.08	.00	.00	.00	.00	.00	.00	0.0
42	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
43	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
44	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
45	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
46	.08	.00	.00	.04	.00	.00	.04	.00	.00	1.2
47	.00	.00	.08	.00	.00	.04	.00	.00.	.04	0.0
48	.04	.00	.00	.04	.00	.00	.04	.00	.00	0.9
49	.00	.00	.04	.00	.00	.04	.00	.00	.04	0.0
50	.04	.00	.00	.00	.00	.00	.00	.00	.00	0.2

...Table continued

Std. Wk.	>5 mm W	W/W	W/D	>10 mm W	W/W	W/D	>20 mm W	W/W	W/D	Mean (mm)
51	.00	.00	.04	.00	.00	.00	.00	.00	.00	0.1
52	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.2
1	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.7
2	.08	.00	.00	.00	.00	.00	.00	.00	.00	0.7
3	.00	.00	.08	.00	.00	.00	.00	.00	.00	0.3
4	.04	.00	.00	.04	.00	.00	.04	.00	.00	1.4
5	.08	.00	.04	.04	.00	.04	.00	.00	.04	0.9
6	.00	.00	.08	.00	.00	.04	.00	.00	.00	0.0
7	.04	.00	.00	.04	.00	.00	.00	.00	.00	0.5
8	.20	.00	.05	.12	.00	.05	.08	.00	.00	3.0
9	.00	.00	.20	.00	.00	.12	.00	.00	.08	0.0
10	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
11	.04	.00	.00	.00	.00	.00	.00	.00	.00	0.2
12	.08	.50	.00	.04	.00	.00	.00	.00	.00	0.9
13	.04	.00	.08	.00	.00	.04	.00	.00	.00	0.6
14	.04	.00	.04	.04	.00	.00	.00	.00	.00	0.4
15	.08	.00	.04	.08	.00	.04	.04	.00	.00	1.4
16	.04	.00	.08	.04	.00	.08	.00	.00	.04	0.7
17	.00	.00	.04	.00	.00	.04	.00	.00	.00	0.0
18	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
19	.04	.00	.00	.00	.00	.00	.00	.00	.00	0.6
20	.04	.00	.04	.04	.00	.00	.00	.00	.00	0.9
21	.08	.00	.04	.08	.00	.04	.00	.00	.00	1.0
22	.12	.00	.09	.08	.00	.09	.04	.00	.00	2.6
23	.00	.00	.12	.00	.00	.08	.00	.00	.04	0.3

Rainfall: (mm)

Pre-rainy season	: 17.0	Post-rainy dry season	: 20.5
Rainy season	: 54.2	Winter rainy season	: -
Post-rainy season	: 107.8	Dry season	: -

Annual: 199.5

TABLE 42

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT JALGAON

Std. Wk.	>5 mm W	>5 mm W/W	>5 mm W/D	>10 mm W	>10 mm W/W	>10 mm W/D	>20 mm W	>20 mm W/W	>20 mm W/D	Mean (mm)
				P R E - R A I N Y S E A S O N						
21	.19	.46	.22	.13	.33	.12	.06	.25	.09	4.0
22	.27	.78	.38	.15	.30	.36	.10	.29	.21	9.8
				R A I N Y S E A S O N						
23	.49	.67	.54	.35	.50	.52	.22	.47	.40	13.8
24	.60	.81	.67	.52	.77	.52	.41	.68	.45	26.9
25	.75	.84	.82	.65	.82	.67	.54	.68	.61	37.9
26	.84	.93	.73	.77	.90	.75	.65	.80	.83	53.9
27	.90	.89	1.00	.87	.88	1.00	.81	.78	.85	54.7
28	.90	.90	.86	.90	.87	.57	.79	.76	.71	55.1
29	.90	.95	.86	.84	.90	.46	.75	.82	.53	53.3
30	.94	.89	1.00	.82	.84	.83	.75	.69	.65	50.8
31	.89	.92	.57	.84	.81	.64	.68	.65	.41	57.3
32	.88	.75	.63	.78	.76	.33	.57	.56	.41	39.2
33	.74	.82	.50	.66	.71	.57	.50	.59	.47	30.4
34	.74	.70	.67	.66	.64	.52	.53	.69	.22	36.1
35	.69	.79	.67	.60	.71	.56	.47	.56	.47	32.4
36	.75	.61	.47	.65	.52	.42	.52	.51	.36	39.3
37	.57	.64	.52	.49	.61	.51	.44	.50	.37	43.3
38	.59	.53	.50	.56	.34	.40	.43	.28	.23	28.6
39	.52	.34	.33	.37	.40	.14	.25	.47	.10	20.2
				P O S T - R A I N Y S E A S O N						
40	.34	.22	.18	.24	.25	.15	.19	.15	.13	16.8
41	.19	.31	.11	.18	.17	.11	.13	.00	.09	9.9
42	.15	.30	.09	.12	.00	.08	.07	.00	.03	7.6
				D R Y S E A S O N						
43	.12	.25	.12	.07	.40	.10	.03	.00	.08	2.0
44	.13	.11	.12	.12	.13	.10	.07	.00	.08	5.1
45	.12	.38	.07	.10	.43	.07	.07	.40	.06	4.9
46	.10	.43	.15	.10	.29	.13	.09	.00	.10	4.6

...Table continued

Std. Wk.	> 5 mm W.	W/W	W/D	>10 mm W	W/W	W/D	>20 mm W	W/W	W/D	Mean (mm)
47	.18	.33	.07	.15	.20	.09	.09	.00	.05	5.5
48	-12	.13	.05	.10	.14	.03	.04	.33	.02	2.5
49	.06	.25	.08	.04	.00	.06	.03	.00	.03	2.6
50	.09	.17	.11	.06	.25	.11	.03	.00	.05	2.1
51	.12	.25	.05	.12	.25	.03	.04	.00	.03	2.3
52	.07	.20	.11	.06	.00	.08	.03	.00	.06	1.3
1	.12	.13	.12	.07	.00	.08	.06	.00	.03	2.9
2	.12	.13	.07	.07	.00	.03	.03	.00	.03	3.1
3	.07	.20	.03	.03	.00	.03	.03	.00	.00	1.3
4	.04	.00	.06	.03	.00	.06	.00	.00	.03	0.4
5	.06	.50	.02	.06	.25	.02	.03	.00	.00	1.4
6	.04	.00	.02	.03	.00	.02	.00	.00	.00	0.6
7	.02	.00	.03	.02	.00	.00	.00	.00	.00	0.2
8	.03	.50	.08	.00	.00	.04	.00	.00	.03	0.4
9	.09	.33	.05	.04	.67	.03	.03	.50	.00	1.6
10	.07	.00	.06	.06	.00	.02	.02	.00	.00	0.9
11	.06	.25	.05	.02	1.00	.03	.00	.00	.00	0.6
12	.06	.25	.05	.04	.00	.02	.00	.00	.02	0.8
13	„06	.00	,00	.02	.00	.00	.02	.00	.00	1.3
14	.00	.00	.06	.00	.00	.02	.00	.00	.00	0.1
15	.06	.00	.05	.02	.00	.02	.00	.00	.00	0.8
16	.04	.33	.02	.02	.00	.02	.00	.00	.00	0.6
17	.03	.00	.06	.02	.00	.02	.00	.00	.00	0.4
18	.06	.25	.03	.03	.50	.00	.00	.00	.02	0.9
19	.04	.33	.06	.02	.00	.02	.02	.00	.02	0.7
20	.07	.00	.21	.02	.00	.13	.02	.00	.06	1.5

Rainfall: (mm)

Pre-rainy season : 13.8

Rainy season : 673.4

Post-rainy season : 34.3

Post-rainy dry season: 53.4

Winter rainy season : -

Dry season : -

Annual: 774.9

TABLE 43

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT JHABUA

Std. Wk.	> 5 mm W	5 mm W/W	5 mm W/D	> 10 mm W	10 mm W/W	10 mm W/D	> 20 mm W	20 mm W/W	20 mm W/D	Mean (mm)
				PRE- RAINY SEASON						
22	.18	.17	.05	.16	.18	.04	.10	.00	.02	7.6
23	.31	.43	.06	.31	.A3	.04	.26	.33	.02	12.2
				RAINY SEASON						
24	.53	.33	.28	.44	.40	.24	.37	.40	.19	27.6
25	.62	.64	.35	.51	.51	.36	.46	.35	.38	31.2
26	.79	.67	.43	.72	.55	.42	.62	.50	.38	44.0
27	.87	.81	.67	.82	.75	.58	.66	.60	.65	54.1
28	.91	.85	1.00	.87	.81	.89	.72	.63	.74	49.9
29	.90	.90	1.00	.78	.89	.80	.68	.78	.59	53.3
30	.85	.93	.70	.78	.81	.67	.72	.78	.42	72.9
31	.87	.92	.44	.78	.85	.53	.72	.78	.58	57.1
32	.79	.89	.79	.68	.85	.64	.49	.76	.69	36.5
33	.76	.85	.63	.71	.77	.45	.51	.66	.30	38.3
34	.78	.79	.67	.69	.77	.57	.54	.54	.49	46.0
35	.78	.81	.67	.72	.76	.53	.54	.62	.45	55.6
36	.74	.82	.67	.65	.75	.67	.56	.58	.50	47.5
37	.57	.72	.76	.49	.70	.60	.38	.69	.48	35.5
38	.50	.65	.50	.46	.52	.46	.40	.41	.37	30.2
39	.49	.58	.43	.41	.61	.35	.26	.61	.32	20.7
				POST-RAINY SEASON						
40	.18	.67	.45	.16	.73	.35	.13	.78	.19	11.8
41	.15	.60	.10	.13	.56	.10	.12	.50	.08	8.9
				DRY SEASON						
42	.10	.43	.11	.04	.33	.12	.04	.33	.11	1.9
43	.06	.00	.11	.04	.00	.05	.04	.00	.05	1.3
44	.10	.14	.05	.09	.00	.05	.03	.00	.05	1.5
45	.09	.00	.11	.07	.00	.10	.04	.00	.03	2.4
46	.07	.20	.08	.06	.25	.06	.03	.00	.05	1.5
47	.06	.00	.08	.01	.00	.06	.01	.00	.03	1.3

...Table continued

Std. Wk.	W	>5 mm W/W	W/D	> 10 mm W	W/W	W/D	>20 mm W	W/W	W/D	Mean (mm)
48	.07	.20	.05	.06	.00	.02	.04	.00	.02	2.2
49	.03	.00	.08	.01	.00	.06	.00	.00	.04	0.3
50	.04	.00	.03	.04	.00	.02	.03	.00	.00	1.0
51	.04	.00	.05	.03	.00	.05	.00	.00	.03	0.5
52	.03	.00	.05	.00	.00	.03	.00	.00	.00	0.2
1	.07	.00	.00	.04	.00	.00	,01	.00	.00	1.5
2	.03	.00	.08	.01	.00	.04	.00	.00	.01	0.5
3	.03	.00	.03	.00	.00	.01	.00	.00	.00	0.3
4	.03	.00	.03	.01	.00	.00	.00	.00	.00	0.4
5	.00	.00	.03	.00	.00	.01	.00	.00	.00	0.2
6	.00	.00	.00	.00	.00	.00	.00	.00	.00	o.o
7	.01	.00	.00	.00	.00	.00	.00	.00	.00	0.2
8	.01	.00	.01	.01	.00	.00	.00	.00	.00	0.2
9	.04	.00	.02	.03	.00	.01	.00	.00	.00	0.7
10	.01	.00	.04	.01	.00	.03	.00	.00	.00	0.4
11	.00	.00	.01	.00	.00	.01	.00	.00	.00	0.0
12	.03	.00	.00	.03	.00	.00	.01	.00	.00	0.9
13	.03	.00	.03	.01	.00	.03	.00	.00	.01	0.3
14	.03	.00	.03	.01	.00	.01	.01	.00	.00	0.5
15	.00	.00	.03	.00	.00	.01	.00	.00	.01	0.1
16	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.2
17	.01	.00	.00	.00	.00	.00	.00	.00	.00	0.2
18	.03	.00	.02	.00	.00	.00	.00	.00	.00	0.3
19	.04	.33	.02	.03	.00	.00	.01	.00	.00	0.8
20	.06	.00	.05	.06	.00	.03	.04	.00	.02	1.6
21	.07	.60	.02	.06	.50	.03	.01	1.00	.03	1.6

Rainfall: (mm)

Pre-rainy season	: 19.8	Post-rainy dry season	: 25.0
Rainy season	: 700.4	Winter rainy season	: -
Post-rainy season	: 20.7	Dry season	: -

Annual: 765.9

TABLE 44

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT JODHPUR

Std.	> 5 mm			> 10 mm			>20 mm			Mean
Wk.	W	W/W	W/D	W	W/W	W/D	w	w / w	W/D	(mm)
					RAINY SEASON					
26	.50	.67	.67	.37	.64	.68	.23	.43	.52	11.6
27	.67	.70	.40	.67	.70	.40	.50	.53	.33	28.9
28	.60	.72	.67	.60	.72	.50	.43	.46	.35	31.2
29	.70	.57	.44	.63	.42	.46	.40	.42	.39	36.2
30	.53	.63	.57	.43	.62	.47	.40	.50	.44	25.3
31	.60	.78	.67	.53	.75	.50	.47	.57	.31	32.9
32	.73	.73	.63	.63	.68	.46	.43	.39	.29	28.4
33	.70	.62	.44	.60	.61	.42	.33	.50	.40	24.1
34	.57	.65	.31	.53	.63	.29	.43	.31	.29	37.2
35	.50	.73	.27	.47	.64	.25	.30	.56	.29	21.6
36	.50	.60	.20	.43	.54	.18	.37	.55	.16	19.8
					POST-RAINY SEASON					
37	.40	.33	.28	.33	.10	.25	.30	.00	.24	20.2
38	.30	.22	.14	.20	.33	.08	.17	.40	.08	6.6
39	.17	.20	.12	.13	.25	.04	.13	.00	.04	12.6
					DRY SEASON					
40	.13	.25	.00	.07	.50	.00	.03	.00	.00	3.3
41	.03	.00	.04	.03	.00	.00	.00	.00	.00	0.8
42	.03	.00	.07	.00	.00	.07	.00	.00	.00	0.3
43	.07	.00	.00	.07	.00	.00	.00	.00	.00	1.2
44	.00	.00	.03	.00	.00	.00	.00	.00	.00	0.0
45	.03	.00	.03	.00	.00	.00	.00	.00	.00	0.4
46	.03	.00	.03	.00	.00	.03	.00	.00	.00	0.3
47	.03	.00	.03	.03	.00	.03	.00	.00	.03	0.7
48	.03	.00	.00	.03	.00	.00	.03	.00	.00	0.9
49	.00	.00	.07	.00	.00	.03	.00	.00	.00	0.1
50	.07	.00	.00	.03	.00	.00	.00	.00	.00	0.6
51	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.1
52	.00	.00	.13	.00	.00	.03	.00	.00	.00	0.2

...Table continued

Std. Wk.	> 5 mm W	W/W	W/D	>10 mm W	W/W	W/D	>20 mm W	W/W	W/D	Mean. (mm)
1	.13	.25	.04	.03	1.00	.03	.00	.00	.07	1.1
2	.07	.00	.07	.07	.00	.04	.07	.00	.04	2.3
3	.07	.00	.04	.03	.00	.03	.03	.00	.00	2.2
4	.03	.00	.03	.03	.00	.03	.00	.00	.03	0.5
5	.03	.00	.00	.03	.00	.00	.03	.00	.00	0.9
6	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
7	.00	.00	.03	.00	.00	.00	.00	.00	.00	0.4
8	.03	.00	.03	.00	.00	.03	.00	.00	.00	0.8
9	.03	.00	.00	.03	.00	.00	.00	.00	.00	0.8
10	.00	.00	.03	.00	.00	.03	.00	.00	.00	0.2
11	.03	.00	.10	.03	.00	.03	.00	.00	. 03	0.4
12	.10	.67	.04	.03	1.00	.00	.03	1.00	.00	3.1
13	.10	.00	.04	.03	.00	.00	.03	.00	.00	1.8
14	.03	.00	.03	.00	.00	.00	.00	.00	.00	0.3
15	.03	.00	.03	.00	.00	.03	.00	.00	.00	0.3
16	.03	.00	.00	.03	.00	.00	.00	.00	.00	0.5
17	.00	.00	.07	.00	.00	.07	.00	.00	.03	0.0
18	.07	.00	.07	.07	.00	.04	.03	.00	.00	1.2
19	.07	1.00	.11	.03	1.00	.07	.00	.00	.03	0.8
20	.17	.00	.12	.10	.00	.04	.03	.00	.00	2.7
21	.10	.33	.22	.03	.00	.21	.00	.00	.10	1.3
22	.23	.00	.00	.20	.00	.00	.10	.00	.00	4.8
23	.00	.00	.13	.00	.00	.10	.00	.00	.00	0.4
24	.13	.00	.43	.10	.00	.26	.00	.00	.13	2.0
25	.37	.55	.47	.23	.29	.39	.13	.00	.27	8.3

Rainfall: (mm)

Pre-rainy season :

Rainy season : 297.2

Post-rainy season : 39.4

Post-rainy dry season: 46.0

Winter rainy season : -

Dry season : -

Annual: 382.6

TABLE 45

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT JULLUNDER

Std. Wk.	≥ 5 mm W	W/W	W/D	>10 mm W	W/W	W/D	>20 mm W	W/W	W/D	Mean (mm)
				P R E - R A I N Y S E A S O N						
22	.21	.20	.11	.17	.00	.00	.04	.00	.00	4.9
23	.29	.14	.24	.25	.00	.22	.13	.00	.05	9.5
24	.25	.33	.28	.13	.33	.24	.08	.50	.09	3.6
25	.21	.00	.32	.13	.00	.14	.13	.00	.10	6.5
				R A I N Y S E A S O N						
26	.58	.21	.20	.54	.15	.09	.42	.20	.07	22.1
27	.79	.68	.20	.75	.61	.33	.71	.53	.14	37.7
28	.79	.79	.80	.75	.72	.83	.58	.57	.90	56.7
29	.88	.86	.33	.79	.84	.40	.71	.65	.43	60.5
30	.79	.84	1.00	.75	.72	1.00	.75	.61	1.00	56.3
31	.83	.80	.75	.83	.80	.50	.71	.82	.57	39.9
32	.96	.87	.00	.92	.86	.50	.79	.74	.60	57.1
33	.88	1.00	.67	.75	.94	.83	.67	.88	.63	54.2
34	.75	.89	.83	.67	.75	.75	.54	.62	.73	42.5
35	.71	.76	.71	.67	.63	.75	.58	.57	.50	35.6
36	.54	.77	.64	.54	.77	.55	.42	.80	.43	32.6
37	.50	.75	.33	.46	.73	.38	.42	.50	.36	35.2
				P O S T - R A I N Y S E A S O N						
38	.42	.60	.43	.29	.71	.35	.21	.80	.32	29.0
39	.38	.56	.33	.38	.44	.20	.33	.38	.13	42.9
40	.21	.60	.32	.17	.50	.35	.17	.50	.30	28.4
41	.17	.50	.15	.17	.25	.15	.13	.33	.14	15.5
				D R Y S E A S O N						
42	.04	.00	.17	.00	.00	.17	.00	.00	.13	0.4
43	.04	1.00	.00	.04	.00	.00	.00	.00	.00	0.5
44	.04	.00	.04	.04	.00	.04	.04	.00	.00	1.1
45	.08	.50	.00	.00	.00	.04	.00	.00	.04	0.6
46	.00	.00	.08	.00	.00	.00	.00	.00	.00	0.0
47	.13	.00	.00	.13	.00	.00	.04	.00	.00	2.4

...Table continued

Std. Wk.	>5 mm W	W/W	W/D	>10 mm W	W/W	W/D	>20 mm W	W/W	W/D	Mean (mm)
48	.04	.00	.13	.04	.00	.13	.00	.00	.04	0.8
49	.13	.33	.00	.08	.50	.00	.08	.00	.00	3.5
				W I N T E R - R A I N S						
50	.25	.17	.11	.21	.00	.11	.13	.00	.10	6.4
51	.17	.25	.25	.08	.50	.18	.08	.50	.09	3.9
52	.29	.29	.12	.13	.00	.10	.13	.00	.10	8.0
1	.29	.00	.00	.21	.00	.00	.13	.00	.00	6.8
2	.25	.50	.22	.25	.33	.17	.08	.50	.09	7.4
3	.50	.25	.25	.33	.13	.31	.21	.00	.11	10.5
4	.25	.50	.50	.21	.60	.26	.17	.25	.20	6.1
5	.42	.20	.29	.25	.17	.22	.17	.00	.20	11.4
6	.21	1.00	.26	.13	.67	.19	.08	.50	.14	3.8
7	.21	.40	.16	.13	.67	.05	.04	1.00	.04	3.7
8	.29	.43	.12	.21	.20	.11	.21	.20	.00	12.5
9	.25	.33	.28	.17	.25	.20	.08	.50	.18	6.2
10	.29	.14	.29	.25	.17	.17	.21	.20	.05	7.4
11	.17	.25	.30	.13	.33	.24	.04	.00	.21	4.0
12	.25	.33	.11	.21	.00	.16	.13	.00	.05	7.1
13	.21	.60	.16	.08	1.00	.14	.04	.00	.13	4.6
14	.17	.50	.16	.04	1.00	.04	.04	.00	.04	4.1
15	.17	.00	.20	.08	.00	.05	.00	.00	.04	2.2
				D R Y S E A S O N						
16	.13	.33	.14	.08	.50	.05	.00.	.00	.00	1.7
17	.00	.00	.13	.00	.00	.08	.00	.00	.00	0.4
18	.13	.00	.00	.04	.00	.00	.00	.00	.00	1.1
19	.17	.00	.15	.13	.00	.05	.08	.00	.00	3.0
20	.21	.20	.16	.13	.33	.10	.08	.00	.09	4.7
21	.13	.33	.19	.00	.00	.13	.00	.00	.08	1.3

Rainfall: (mm)

Pre-rainy season : 24.5

Rainy season : 530.3

Post-rainy season : 115.8

Post-rainy dry season: 9.3

Winter rainy season : 116.1

Dry season : 12.2

Annual: 809.1

TABLE 46

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT KOLAR

Std. Wk.	≥5 mm W	≥5 mm W/W	≥5 mm W/D	≥10 mm W	≥10 mm W/W	≥10 mm W/D	≥20 mm W	≥20 mm W/W	≥20 mm W/D	Mean (mm)
				PRE-RAINY SEASON						
13	.22	.13	.09	.16	.09	.07	.09	.17	.03	4.0
14	.22	.33	.19	.16	.27	.14	.10	.14	.08	6.3
15	.28	.42	.14	.23	.38	.09	.19	.23	.07	8.2
16	.38	.35	.23	.26	.50	.14	.13	.33	.17	8.9
17	.38	.54	.28	.25	.53	.17	.16	.27	.10	10.3
18	.41	.43	.34	.32	.32	.21	.16	.36	.12	11.0
19	.42	.28	.50	.35	.29	.33	.23	.31	.11	14.0
				RAINY SEASON						
20	.59	.44	.39	.52	.39	.30	.39	.22	.24	22.3
21	.77	.58	.63	.65	.51	.54	.51	.40	.38	25.6
22	.64	.77	.76	.46	.63	.68	.36	.56	.48	21.0
23	.61	.60	.70	.43	.40	.51	.32	.27	.40	16.6
24	.30	.62	.60	.23	.50	.42	.13	.22	.33	9.3
25	.36	.48	.20	.23	.50	.15	.10	.14	.13	5.9
26	.48	.33	.39	.29	.30	.20	.16	.18	.09	11.4
27	.52	.56	.39	.30	.38	.25	.19	.00	.20	13.9
28	.49	.53	.51	.35	.21	.36	.20	.07	.22	17.1
29	.55	.45	.55	.42	.38	.33	.20	.43	.15	13.2
30	.64	.55	.56	.39	.44	.40	.22	.33	.17	16.7
31	.57	.67	.60	.38	.50	.33	.23	.44	.15	12.4
32	.64	.64	.44	.49	.44	.31	.32	.36	.17	20.4
33	.62	.63	.65	.51	.51	.47	.36	.40	.27	25.6
34	.67	.63	.61	.59	.59	.39	.41	.50	.27	27.8
35	.51	.66	.68	.42	.62	.58	.33	.48	.37	21.8
36	.51	.51	.50	.36	.48	.39	.25	.59	.25	19.7
37	.62	.53	.46	.57	.38	.33	.48	.18	.31	32.8
38	.71	.65	.55	.61	.60	.52	.54	.57	.38	39.6
39	.74	.75	.61	.62	.63	.58	.52	.53	.55	38.6

...Table continued

Std. Wk.	>5 mm W	>5 mm W/W	>5 mm W/D	>10 mm W	>10 mm W/W	>10 mm W/D	>20 mm W	>20 mm W/W	>20 mm W/D	Mean (mm)
40	.71	.76	.70	.64	.64	.60	.51	.57	.47	30.7
41	.72	.70	.74	.59	.63	.64	.52	.53	.48	37.8
42	.70	.73	.71	.62	.58	.62	.43	.47	.56	35.2
43	.58	.75	.62	.54	.65	.59	.41	.57	.34	21.9
44	.59	.51	.68	.51	.40	.68	.42	.21	.55	22.6
45	.55	.68	.48	.51	.60	.41	.42	.48	.38	24.6
46	.49	.62	.49	.45	.58	.45	.28	.53	.38	17.3
				P O S T - R A I N Y S E A S O N						
47	.41	.57	.44	.35	.54	.40	.20	.29	.27	13.3
48	.32	.45	.38	.28	.37	.34	.19	.00	.25	8.9
49	.32	.55	.21	.20	.36	.25	.13	.44	.15	8.5
50	.29	.45	.27	.17	.25	.19	.14	.20	.12	5.2
				D R Y S E A S O N						
51	.12	.50	.26	.07	.40	.16	.04	.00	.15	1.9
52	.10	.43	.08	.06	.25	.06	.01	.00	.04	1.4
1	.13	.00	.00	.09	.00	.00	.04	.00	.00	3.7
2	.20	.14	.13	.12	.13	.08	.01	1.00	.03	3.0
3	.07	.20	.20	.07	.00	.13	.01	.00	.01	1.7
A	.06	.25	.06	.03	.50	.06	.01	.00	.01	1.2
5	.07	.20	.05	.06	.25	.02	.04	.33	.00	1.7
6	.03	.00	.07	.01	.00	.06	.01	.00	.04	0.9
7	.01	.00	.03	.01	.00	.01	.01	.00	.01	0.5
8	.13	.11	.00	.10	.14	.00	.06	.25	.00	2.5
9	.07	.40	.11	.04	.33	.09	.01	.00	.06	1.0
10	.04	.00	.08	.04	.00	.05	.03	.00	.01	1.7
11	.06	.00	.05	.04	.00	.05	.04	.00	.03	2.2
12	.10	.00	.06	.07	.00	.05	.04	.00	.03	1.9

Rainfall: (mm)

Pre-rainy season : 62.7

Rainy season : 601.8

Post-rainy season : 35.9

Post-rainy dry season: 25.3

Winter rainy season : -

Dry season : -

Annual: 725.7

TABLE 47

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT KOTA

Std.	> 5 mm			> 10 mm			> 20 mm			Mean
Wk.	W	W/W	W/D	W	W/W	W/D	W	W/W	W/D	(mm)
				PRE-RAINY SEASON						
22	.16	.00	.86	.08	.00	.91	.04	.00	.04	5.7
23	.20	.20	.85	.12	.33	.95	.08	.00	.04	5.8
24	.44	.09	.71	.32	.00	.82	.28	.00	.11	14.3
				RAINY SEASON						
25	.60	.60	.80	.48	.33	.69	.40	.30	.27	25.1
26	.76	.58	.33	.60	.47	.50	.40	.60	.27	33.4
27	.92	.78	.50	.88	.64	.67	.76	.42	.33	52.8
28	.72	.89	.00	.68	.82	.00	.60	.80	.70	69.7
29	.84	.71	.25	.80	.70	.40	.72	.72	.29	64.6
30	.88	.91	.67	.88	.86	.67	.84	.76	.50	73.6
31	.88	.82	.00	.76	.84	.00	.68	.88	.75	65.4
32	.84	.90	.25	.76	.79	.33	.68	.71	.63	70.3
33	.84	.90	.50	.76	.79	.33	.64	.75	.56	52.4
34	.76	.84	.17	.68	.71	.13	.60	.73	.50	67.9
35	.80	.75	.20	.80	.70	.40	.72	.72	.29	50.3
36	.76	.89	.50	.72	.89	.43	.68	.82	.50	42.8
37	.72	.78	.29	.68	.71	.25	.48	.75	.62	30.8
38	.52	.69	.25	.44	.82	.43	.40	.60	.40	19.2
				POST-RAINY SEASON						
39	.36	.56	.50	.28	.57	.61	.24	.67	.32	13.9
40	.24	.83	.79	.16	.75	.81	.12	.67	.18	9.2
				DRY SEASON						
41	.12	.67	.82	.12	.67	.91	.04	1.00	.08	4.8
42	.00	.00	.88	.00	.00	.88	.00	.00	.04	0.3
43	.04	.00	1.00	.00	.00	1.00	.00	.00	.00	0.2
44	.04	.00	.96	.00	.00	1.00	.00	.00	.00	0.3
45	.04	.00	.96	.00	.00	1.00	.00	.00	.00	0.4
46	.00	.00	.96	.00	.00	1.00	.00	.00	.00	0.1
47	.08	.00	1.00	.08	.00	1.00	.04	.00	.00	2.0

...Table continued

Std. Wk.	> 5 mm W	W/W	W/D	>10 mm W	W/W	W/D	>20 mm W	W/W	W/D	Mean (mm)
48	.04	.00	.92	.00	.00	.92	.00	.00	.04	0.7
49	.08	.50	1.00	.04	.00	1.00	.04	.00	.00	1.8
50	.00	.00	.92	.00	.00	.96	.00	.00	.04	0.0
51	.08	.00	1.00	.04	.00	1.00	.00	.00	.00	1.0
52	.00	.00	.92	.00	.00	.96	.00	.00	.00	0.2
1	.16	.00	1.00	.04	.00	1.00	.00	.00	.00	2.1
2	.08	.00	.83	.08	.00	.96	.08	.00	.00	3.2
3	.12	.33	.95	.08	.00	.91	.00	.00	.08	1.7
4	.04	1.00	.92	.04	1.00	.96	.04	.00	.00	1.1
5	.04	.00	.96	.04	.00	.96	.00	.00	.04	0.9
6	.00	.00	.96	.00	.00	.96	.00	.00	.00	0.2
7	.04	.00	1.00	.00	.00	1.00	.00	.00	.00	0.4
8	.08	.00	.96	.04	.00	1.00	.00	.00	.00	1.0
9	.08	.00	.91	.00	.00	.96	.00	.00	.00	0.9
10	.00	.00	.92	.00	.00	1.00	.00	.00	.00	0.3
11	.04	.00	1.00	.00	.00	1.00	.00	.00	.00	0.5
12	.08	.00	.96	.08	.00	1.00	.04	.00	.00	1.9
13	.12	.66	1.00	.04	1.00	.96	.00	.00	.04	1.5
14	.04	1.00	.92	.00	.00	.96	.00	.00	.00	0.6
15	.00	.00	.96	.00	.00	1.00	.00	.00	.00	0.2
16	.00	.00	1.00	.00	.00	1.00	.00	.00	.00	0.3
17	.00	.00	1.00	.00	.00	1.00	.00	.00	.00	0.0
18	.04	.00	1.00	.04	.00	1.00	.00	.00	.00	0.9
19	.04	.00	.96	.00	.00	.96	.00	.00	.00	0.7
20	.08	.00	.96	.08	.00	1.00	.04	.00	.00	1.6
21	.12	.00	.91	.08	.00	.91	.04	.00	.04	1.9

Rainfall: (mm)

Pre-rainy season : 25.8

Rainy season : 718.3

Post-rainy season : 23.1

Post-rainy dry season: 33o7

Winter rainy season : -

Dry season : -

Annual: 800.9

TABLE 48

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT KURNOOL

Std. Wk.	> 5 mm W	> 5 mm W/W	> 5 mm W/D	> 10 mm W	> 10 mm W/W	> 10 mm W/D	> 20 mm W	> 20 mm W/W	> 20 mm W/D	Mean (mm)
				PRE-RAINY SEASON						
14	.17	.08	.19	.10	.14	.05	.04	.33	.00	3.1
15	.17	.33	.19	.14	.10	.10	.04	.00	.05	3.4
16	.22	.20	.24	.13	.22	.13	.10	.00	.05	5.2
17	.23	.19	.34	.10	.29	.11	.03	.50	.09	3.3
18	.30	.33	.29	.19	.08	.11	.07	.00	.03	5.7
19	.30	.33	.35	.19	.23	.18	.10	.14	.06	5.3
20	.35	.50	.38	.25	.12	.21	.07	.00	.11	6.0
21	.42	.66	.48	.28	.21	.26	.16	.09	.07	14.9
				RAINY SEASON						
22	.55	.79	.61	.35	.38	.22	.19	.23	.14	12.7
23	.71	.55	.50	.51	.31	.38	.39	.19.	.19	25.2
24	.54	.68	.72	.41	.43	.56	.25	.35	.40	15.5
25	.70	.67	.86	.55	.42	.39	.32	.32	.21	17.5
26	.73	.64	.74	.58	.48	.66	.36	.28	.34	18.3
27	.67	.78	.83	.57	.62	.53	.32	.59	.26	20.2
28	.80	.82	.64	.64	.59	.52	.41	.29	.34	23.6
29	.78	.91	.87	.71	.65	.60	.51	.51	.29	27.3
30	.90	.87	.86	.75	.73	.65	.57	.41	.63	36.4
31	.87	.67	.89	.70	.79	.67	.43	.63	.51	27.8
32	.70	.71	.71	.55	.68	.71	.36	.48	.41	18.4
33	.71	.73	.60	.57	.54	.57	.36	.44	.32	27.8
34	.70	.71	.67	.59	.68	.39	.45	.48	.26	33.5
35	.70	.71	.57	.54	.62	.56	.35	.58	.38	24.7
36	.67	.61	.87	.51	.54	.53	.41	.39	.32	26.1
37	.70	.83	.62	.57	.46	.57	.42	.41	.40	27.8
38	.77	.74	.81	.71	.65	.35	.61	.50	.30	45.2
39	.75	.58	.41	.67	.65	.83	.59	.59	.64	32.2
40	.54	.68	.53	.48	.79	.56	.32	.77	.51	16.8
41	.61	.57	.56	.45	.55	.42	.30	.38	.29	19.4
42	.57	.41	.33	.46	.38	.51	.26	.22	.33	20.7

...Table continued

Std. Wk.	> 5 mm W	> 5 mm W/W	> 5 mm W/D	> 10 mm W	> 10 mm W/W	> 10 mm W/D	> 20 mm W	> 20 mm W/W	> 20 mm W/D	Mean (mm)
				POST-RAINY SEASON						
43	.38	.39	.37	.33	.52	.43	.19	.38	.23	11.6
44	.38	.34	.23	.29	.40	.31	.16	.27	.17	14.4
45	.28	.21	.06	.25	.47	.23	.13	.44	.12	7.7
				DRY SEASON						
46	.10	.14	.15	.09	.50	.22	.06	.00	.14	3.9
47	.15	.20	.10	.09	.00	.10	.07	.00	.06	3.8
48	.12	.13	.05	.09	.00	.10	.04	.00	.08	2.9
49	.06	.00	.11	.04	.33	. 8	.01	1.00	.03	1.9
50	.10	.00	.03	.01	.00	.04	.01	.00	.01	1.1
51	.03	.50	.03	.03	.00	.01	.01	.00	.01	0.7
52	.04	.00	.02	.03	.50	.01	.03	.50	.00	2.2
1	.01	.00	.06	.01	.00	.00	.00	.00	.00	0.4
2	.06	.00	.03	.03	.00	.01	.01	.00	.00	0.9
3	.03	.00	.03	.01	.00	.03	.01	.00	.01	0.8
4	.03	.00	.06	.03	.00	.01	.00	.00	.01	0.5
5	.06	.00	.04	.06	.00	.03	.04	.00	.00	2.2
6	.04	.00	.06	.03	.00	.06	.00	.00	.04	0.6
7	.06	.50	.03	.06	.00	.03	.04	.00	.00	2.3
8	.06	.50	.03	.03	.50	.04	.00	.00	.04	0.9
9	.06	.00	.04	.04	.00	.03	.03	.00	.00	1.7
10	.04	.00	.03	.03	.00	.04	.03	.00	.03	1.1
11	.03	.00	.09	.01	.00	.03	.00	.00	.03	0.4
12	.09	.17	.10	.03	.00	.01	.01	.00	.00	1.5
13	.10	.14	.17	.06	.25	.02	.01	.00	.01	2.3

Rainfall: (mm)

Pre-rainy season : 46.9

Rainy season : 517.1

Post-rainy season : 33.7

Post-rainy dry season : 32.1

Winter rainy season : -

Dry season : -

Annual: 629.8

TABLE 49

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT LUCKNOW

Std.	> 5 mm			≥10 mm			≥20 mm			Mean
Wk.	W	W/W	W/D	W	W/W	W/D	W	W/W	W/D	(mm)
				P R E - R A I N Y S E A S O N						
22	.30	.60	.24	.21	.57	.25	.14	.44	.09	7.1
23	.35	.52	.37	.32	.43	.38	.14	.44	.28	8.8
24	.42	.68	.53	.39	.58	.43	.30	.40	.41	16.4
				R A I N Y S E A S O N						
25	.59	.74	.67	.49	.69	.62	.41	.70	.49	27.2
26	.71	.85	.74	.65	.79	.65	.58	.58	.54	47.7
27	.82	.91	.67	.74	.88	.59	.56	.89	.48	49.6
28	.86	.95	.89	.80	.91	.85	.71	.87	.84	71.9
29	.94	.90	1.00	.89	.90	.86	.86	.79	.78	75.5
30	.91	.98	.83	.89	.95	.71	.79	.92	.79	74.4
31	.97	.92	1.00	.92	.90	.80	.89	.85	.57	73.7
32	.92	.93	.80	.89	.83	.57	.82	.76	.67	90.1
33	.92	.93	1.00	.80	.91	.92	.74	.78	.65	59.3
34	.94	.86	1.00	.91	.82	1.00	.74	.71	.59	62.4
35	.86	.79	.89	.83	.75	.82	.68	.69	.62	66.0
36	.80	.76	.69	.76	.72	.50	.67	.64	.41	53.2
37	.74	.65	.47	.67	.55	.36	.56	.43	.38	57.9
38	.61	.60	.39	.49	.50	.44	.41	.37	.31	32.4
39	.52	.41	.38	.47	.32	.26	.33	.23	.21	25.0
				P O S T - R A I N Y S E A S O N						
40	.39	.35	.05	.29.	.26	.06	.21	.21	.10	16.2
41	.17	.09	.11	.12	.13	.09	.12	.13	.07	10.2
				D R Y S E A S O N						
42	.11	.00	.09	.09	.00	.05	.08	.00	.03	3.8
43	.08	.20	.08	.05	.33	.05	.03	.50	.03	1.6
44	.09	.17	.02	.06	.00	.02	.05	.00	.02	3.9
45	.03	.50	.03	.02	1.00	.03	.02	1.00	.00	0.1
46	.05	.33	.02	.05	.33	.02	.02	.00	.03	1.2
47	.03	.00	.02	.03	.00	.00	.03	.00	.00	1.4

...Table continued

Std. Wk.	> 5 mm W	W/W	W/D	> 10 mm W	W/W	W/D	> 20 mm W	W/W	W/D	Mean (mm)
48	.02	1.00	.03	.00	.00	.03	.00	.00	.02	0.2
49	.05	.00	.06	.03	.00	.06	.02	.00	.05	0.7
50	.06	.00	.13	.06	.00	.07	.05	.00	.00	1.4
51	.12	.00	.14	.06	.00	.11	.00	.00	.06	1,7
52	.12	.00	.14	.11	.00	.14	.06	.00	.10	2.9
1	.12	.13	.14	.12	.13	.10	.09	.00	.05	4.1
2	.14	.11	.21	.11	.14	.14	.05	.00	.06	2.7
				W I N T E R		R A I N S				
3	.20	.23	.21	.14	.11	.16	.06	.25	.08	4.3
4	.21	.36	.27	.15	.20	.18	.09	.00	.12	5.4
5	.29	.26	.19	.18	.33	.15	.11	.14	.05	5.8
6	.21	.50	.12	.18	.33	.06	.06	.00	.07	4.2
7	.20	.62	.19	.11	.43	.14	.06	.25	.10	4.1
8	.27	.11	.10	.17	.18	.04	.11	.00	.03	5.5
				D R Y	S E A S O N					
9	.11	.00	.12	.06	.00	.08	.03	.00	.03	2.1
10	.11	.14	.10	.08	.00	.08	.03	.00	.00	2.2
11	.11	.14	.09	.08	.00	.05	.00	.00	.02	1.7
12	.09	.33	.07	.05	.33	.06	.02	1.00	.05	1.4
13	.09	.33	.07	.08	.40	.02	.06	.00	.02	2.4
14	.09	.00	.10	.05	.00	.10	.02	.00	.03	1.3
15	.09	.00	.05	.09	.00	.03	.03	.00	.03	2.1
16	.05	.33	.03	.03	.50	.02	.03	.50	.00	2.8
17	.05	.00	.08	.03	.00	.06	.02	.00	.03	1.3
18	.08	.20	.20	.06	.25	.13	.03	.50	.06	2.3
19	.20	.15	.08	.14	.11	.09	.08	.00	.05	5.2
20	.09	.50	.10	.09	.50	.05	.05	.33	.03	4.1
21	.14	.44	.28	.09	.33	.20	.05	.00	.14	2.8

Rainfall: (mm)

Pre-rainy season	: 32.3	Post-rainy dry season	: 25.7
Rainy season	: 866.3	Winter rainy season	: 29.3
Post-rainy season	: 26.4	Dry season	: 31.7

Annual: 1011.7

TABLE 50

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT LUDHIANA

Std. Wk.	>5 mm W	>5 mm W/W	>5 mm W/D	>10 mm W	>10 mm W/W	>10 mm W/D	>20 mm W	>20 mm W/W	>20 mm W/D	Mean (mm)
				PRE-RAINY SEASON						
22	.28	.13	.10	.17	.00	.04	.10	.00	.04	5.2
23	.28	.38	.24	.17	.20	.17	.14	.00	.12	6.5
24	.31	.33	.25	.21	.17	.17	.10	.00	.15	5.7
25	.28	.25	.33	.21	.33	.17	.17	.40	.04	11.2
				RAINY SEASON						
26	.62	.33	.18	.55	.38	.00	.41	.33	.06	23.3
27	.62	.72	.45	.59	.71	.33	.41	.50	.35	39.5
28	.86	.60	.75	.76	.50	.86	.52	.27	.57	54.3
29	.79	.96	.50	.72	.90	.38	.66	.68	.20	51.3
30	.79	.78	.83	.66	.68	.80	.62	.61	.73	45.7
31	.86	.84	.50	.66	.79	.40	.59	.71	.50	34.7
32	.86	.88	.75	.79	.70	.50	.66	.58	.60	50.7
33	.93	.89	.50	.86	.80	.75	.76	.73	.43	56.2
34	.72	.90	1.00	.72	.86	.88	.62	.78	.73	39.7
35	.62	.72	.73	.52	.73	.71	.34	.70	.58	28.2
36	.62	.72	.45	.48	.64	.40	.45	.46	.25	41.8
37	.52	.67	.57	.45	.46	.50	.24	.43	.45	38.7
38	.45	.62	.44	.28	.63	.38	.14	.25	.24	23.4
				POST-RAINY SEASON						
39	.34	.80	.26	.31	.56	.15	.21	.17	.13	36.2
40	.28	.63	.23	.24	.57	.23	.14	.25	.20	24.4
41	.17	.60	.21	.14	.50	.20	.10	.33	.12	9,1
				DRY SEASON						
42	.07	.00	.19	.07	.00	.15	.00	.00	.10	1.0
43	.07	1.00	.00	.03	1.00	.04	.00	.00	.00	1.1
44	.10	.00	.08	.07	.00	.04	.03	.00	.00	2.1
45	.03	.00	.11	.00	.00	.07	.00	.00	.03	0.2
46	.03	.00	.04	.00	.00	.00	.00	.00	.00	0.5
47	.10	.00	.04	.07	.00	.00	.07	.00	.00	2.3
48	.07	.50	.07	.03	.00	.07	.00	.00	.07	1.1
49	.13	.00	.08	.07	.00	.03	.00	.00	.00	1.2

...Table continued

Std. Wk.	> 5 mm W	W/W	W/D	> 10 mm W	W/W	W/D	> 20 mm W	W/W	W/D	Mean (mm)
				WINTER RAINS						
50	.17	.20	.13	.07	.00	.07	.07	.00	.00	4.0
51	.17	.00	.21	.10	.00	.08	.07	.00	.07	3.5
52	.21	.50	.09	.21	.50	.00	.10	.33	.04	5.0
1	.31	.00	.00	.21	.00	.00	.17	.00	.00	6.4
2	.24	.43	.27	.21	.33	.17	.14	.50	.12	7.1
3	.41	.25	.24	.24	.14	.23	.14	.25	.12	7.3
4	.24	.29	.45	.21	.33	.22	.17	.40	.08	7.0
5	.28	.38	.19	.14	.25	.20	.14	.25	.16	9.8
6	.28	.50	.19	.10	.33	.12	.03	1.00	.11	3.6
7	.24	.29	.27	.14	.00	.12	.07	.00	.04	3.9
8	.45	.31	.19	.34	.10	.16	.17	.00	.08	11.6
9	.24	.57	.41	.14	.75	.28	.10	.33	.15	6.2
10	.24	.14	.27	.21	.17	.13	.10	.33	.08	8.2
11	.28	.25	.24	.10	.00	.23	.07	.00	.11	5.6
12	.34	.40	.21	.24	.00	.14	.17	.00	.08	10.2
13	.17	.80	.25	.14	.50	.20	.10	.33	.15	6.4
				DRY SEASON						
14	.14	.50	.12	.10	.33	.12	.03	1.00	.07	4.9
15	.17	.00	.17	.10	.00	.12	.03	.00	.04	2.8
16	.07	.50	.15	.00	.00	.10	.00	.00	.03	0.9
17	.10	.33	.04	.07	.00	.00	.00	.00	.00	1.1
18	.10	.00	.12	.10	.00	.08	.00	.00	.00	1.4
19	.28	.25	.05	.21	.17	.09	.00	.00	.00	3.3
20	.14	1.00	.16	.10	.67	.15	.00	.00	.00	2.5
21	.10	*.00*	.15	.03	.00	.11	.03	.00	*.00*	3.0

Rainfall: (mm)

Pre-rainy season : 28.6

Rainy season : 527.5

Post-rainy season : 69.7

Post-rainy dry season: 9.5

Winter-rainy season : 105.8

Dry season : 19.9

Annual: 761.0

TABLE 51

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT MADURAI

Std. Wk.	> 5mm W	> 5mm W/W	> 5mm W/D	> 10 mm W	> 10 mm W/W	> 10 mm W/D	> 20 mm W	> 20 mm W/W	> 20 mm W/D	Mean (mm)
				PRE-RAINY SEASON						
13	.33	.22	.34	.27	.16	.29	.19	.08	.16	11.0
14	.30	.43	.47	.26	.44	.29	.14	.20	.22	9.1
15	.46	.66	.37	.33	.52	.34	.21	.13	.29	19.8
16	.50	.40	.51	.40	.29	.40	.26	.28	.13	14.8
17	.46	.56	.21	.36	.56	.18	.17	.33	.17	12.6
18	.37	.62	.52	.31	.55	.31	.20	.50	.27	10.5
19	.56	.64	.52	.39	.44	.35	.31	.23	.23	15.9
20	.59	.49	.62	.39	.37	.40	.23	.13	.19	14.5
21	.54	.47	.38	.39	.41	.35	.17	.42	.24	13.5
22	.43	.37	.48	.37	.19	.41	.27	.11	.31	13.0
23	.43	.37	.33	.33	.30	.26	.26	.28	.15	11.4
24	.34	.29	.24	.27	.21	.10	.19	.15	.07	11.4
25	.26	.22	.19	.13	.22	.13	.09	.17	'.06	5.7
26	.20	.36	.25	.14	.20	.22	.07	.20	.18	4.9
27	.27	.68	.33	.21	.60	.27	.19	.31	.11	10.0
28	.43	.40	.35	.34	.33	.22	.14	.10	.18	9.9
29	.37	.46	.23	.26	.56	.15	.17	.50	.16	11.0
30	.31	.50	.50	.26	.39	.37	.21	.27	.31	14.2
				RAINY SEASON						
31	.50	.57	.54	.37	.46	.39	.30	.38	.33	17.5
32	.56	.62	.55	.41	.55	.44	.34	.50	.37	17.6
33	.59	.66	.59	.49	.56	.39	.41	.48	.22	26.4
34	.63	.84	.50	.47	.73	.54	.33	.48	.45	27.1
35	.71	.60	.60	.63	.52	.62	.46	.41	.42	28.8
36	.60	.69	.61	.56	.59	.45	.41	.52	.37	27.6
37	.66	.72	.42	.53	.59	.45	.43	.40	.35	27.5
38	.61	.70	.67	.53	.65	.52	.37	.50	.41	25.5
39	.69	.71	.50	,59	.66	,45	,44	.68	.31	31,6
40	.64	.89	.76	.57	.78	.70	.47	.61	.51	31.8
41	.84	.92	.64	.74	.88	.67	.56	.79	171	44.7
42	.87	.84	.89	.83	.81	.50	.76	.62	.41	58.0

...Table continued

Std. Wk.	> 5 mm W	W/W	W/D	> 10 mm W	W/W	W/D	> 20 mm W	W/W	W/D	Mean (mm)
43	.84	.81	.73	.76	.72	.71	.57	.58	.63	36.9
44	.80	.77	.71	.71	.70	.40	.60	.55	.43	47.2
45	.76	.77	.59	.61	.74	.41	.50	.60	.46	40.5
46	.73	.61	.47	.61	.56	.30	.53	.54	.24	35.0
47	.57	.65	.47	.46	.56	.39	.40	.43	.31	25.6
48	.57	.75	.27	.47	.67	.24	.36	.36	.16	23.0
49	.54	.45	.28	.44	.39	.18	.23	.13	.15	18.1
				POST-RAINY SEASON						
50	.37	.35	.27	.27	.26	.18	.14	.20	.08	9.2
51	.30	.33	.27	.20	.29	.21	.10	.00	.17	6.3
52	.29	.25	.22	.23	.13	.20	.16	.00	.12	10.8
1	.23	.25	.26	.19	.15	.19	.10	.14	.11	11.2
2	.26	.22	.04	.19	.15	.02	.11	.13	.02	8.5
				DRY SEASON						
3	.09	.17	.09	.04	.00	.10	.03	.00	.07	1.9
4	.10	.00	.13	.10	.00	.08	.07	.00	.02	4.1
5	.11	.13	.08	.07	.20	.06	.01	.00	.06	2.2
6	.09	.00	.11	.07	.00	.06	.06	.00	.03	4.2
7	.10	.00	.17	.06	.00	.11	.03	.00	.06	2.2
8	.16	.18	.10	.10	.14	.08	.06	.00	.02	5.2
9	.11	.13	.06	.09	.00	.05	.01	.00	.03	2.0
10	.07	.20	.17	.04	.33	.15	.03	.00	.07	1.4
11	.17	.17	.12	.16	.18	.10	.07	.20	.08	4.9
12	.13	.44	.31	.11	.38	.26	.09	.17	.19	6.2

Rainfall: (mm)

Pre-rainy season : 213.2

Rainy season : 590.4

Post-rainy season : 46.0

Post-rainy dry season: -

Winter rainy season : -

Dry season : 34.3

Annual : 883.9

TABLE 52

INITIAL AND CONDITIONAL PROBABILITIES OP RAINFALL AT MAHBOOBNAGAR

Std, Wk.	> 5 mm W	W/W	W/D	>10 mm W	W/W	W/D	>20 mm W	W/W	W/D	Mean (mm)
				PRE-RAINY SEASON						
14	.21	.00	.17	.16	.00	.11	.06	.00	.03	3.8
15	.16	.18	.21	.13	.11	.17	.09	.00	.06	3.5
16	.24	.13	.17	.19	.15	.13	.04	.33	.08	4.8
17	.21	.50	.17	.15	.60	.12	.06	.00	.05	3.9
18	.29	.15	.23	.22	.00	.19	.10	.00	.07	6.2
19	.28	.37	.27	.16	.09	.25	.07	.20	.10	4.4
20	.29	.25	.29	.21	.21	.15	.10	.14	.07	7.4
21	.41	.32	.28	.25	.29	.18	.15	.30	.07	11.4
				RAINY SEASON						
22	.51	.49	.33	.40	.30	.22	.24	.25	.12	10.7
23	.68	.50	.55	.57	.38	.41	.44	.30	.18	25.0
24	.62	.74	.58	.53	.61	.53	.37	.60	.35	23,4
25	.76	.60	.69	.68	.52	.55	.53	.31	.44	31.0
26	.88	.77	.75	.82	.68	.67	.62	.52	.54	38.0
27	.85	.90	.80	.79	.87	.64	.57	.69	.52	32.1
28	.85	.88	.70	.78	.81	.73	.63	.63	.48	41.0
29	.91	.89	.50	.87	.81	.56	.76	.65	.56	50.8
30	.97	.91	1.00	.88	.88	.75	.66	.80	.70	49.8
31	.85	1.00	.80	.75	.94	.71	.53	.69	.63	40.2
32	.76	.88	.75	.65	.80	.67	.50	.62	.44	31.5
33	.82	.75	.83	.75	.67	.59	.54	.54	.45	37.9
34	.78	.85	.73	.65	.73	.79	.54	.59	.48	38.8
35	.72	.78	.79	.63	.67	.60	.49	.52	.57	35.0
36	.87	.75	.56	.74	.68	.50	.56	.55	.40	43.6
37	.69	.87	.86	.63	.77	.68	.53	.61	.50	39.6
38	.90	.70	.57	.79	.69	.43	.66	.58	.43	47.7
39	.82	.83	.75	.76	.87	.56	.60	.80	.44	47.7
40	.54	.89	.74	.50	.91	.62	.41	.89	.40	24.7

...Table continued

Std. Wk.	> 5 mm W	> 5 mm W/W	> 5 mm W/D	> 10 mm W	> 10 mm W/W	> 10 mm W/D	> 20 mm W	> 20 mm W/W	> 20 mm W/D	Mean (mm)
41	.46	.71	.41	.38	.58	.45	.26	.44	.40	18.0
42	.47	.44	.47	.38	.23	.48	.28	.11	.33	19.7
				POST-RAINY SEASON						
43	.32	.55	.43	.28	.42	.37	.18	.25	.29	10.5
44	.25	.53	.25	.18	.50	.23	.15	.30	.16	11.15
45	.24	.31	.23	.19	.23	.16	.12	.38	.12	7.1
				DRY SEASON						
46	.10	.57	.20	.06	.50	.17	.04	.33	.11	2.9
47	.13	.33	.07	.10	.29	.03	.07	.00	.05	3.7
48	.10	.29	.11	.10	.29	.08	.06	.50	.05	2.0
49	.03	.50	.09	.03	.50	.09	.01	.00	.06	2.0
50	.03	.00	.03	.00	.00	.03	.00	.00	.01	0.2
51	.01	.00	.03	.01	.00	.00	.01	.00	.00	0.8
52	.03	.00	.02	.03	.00	.02	.01	.00	.01	0.7
1	.01	.00	.00	.01	.00	.00	.01	.00	.00	0.7
2	.01	.00	.01	.01	.00	.01	.00	.00	.01	0.3
3	.01	.00	.01	.01	.00	.01	.01	.00	.00	0.5
4	.01	.00	.01	.00	.00	.01	.00	.00	.01	0.2
5	.09	.17	.00	.07	.00	.00	.06	.00	.00	3.0
6	.04	.33	.08	.01	.00	.07	.00	.00	.06	0.5
7	.07	.00	.05	.04	.00	.02	.03	.00	.00	2.8
8	.06	.50	.05	.04	.67	.02	.03	1.00	.00	2.1
9	.06	.00	.06	.04	.00	.05	.04	.00	.03	2.2
10	.03	.00	.06	.01	.00	.04	.01	.00	.04	0.7
11	.06	.25	.02	.03	.00	.02	.00	.00	.01	0.7
12	.10	.29	.03	.07	.00	.03	.03	.00	.00	2.2
13	.13	.22	.08	.09	.33	.05	.03	.00	.03	2.0

Rainfall: (mm)

Pre-rainyseason	: 45.4	Post-rainy dry season	: 30.2
Rainy season	: 726.2	Winter rainy season	: -
Post-rainy season	: 28.7	Dry season	: -

Annual: 830.5

TABLE 53

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT MALEGAON

Std. Wk.	> 5 mm W	W/W	W/D	>10 mm W	W/W	W/D	>20 mm W	W/W	W/D	Mean (mm)
				P R E - R A I N Y S E A S O N						
21	.23	.56	.13	.19	.54	.11	.13	.22	.13	6.4
22	.23	.75	.54	.19	.46	.46	.14	.30	.33	8.9
				R A I N Y S E A S O N						
23	.59	.66	.52	.46	.53	.45	.33	.52	.30	15.6
24	.60	.76	.64	.49	.68	.64	.37	.54	.61	21.7
25	.71	.76	.75	.66	.57	.63	.59	.44	.45	32.0
26	.76	.81	.88	.59	.81	.72	.44	.61	.49	32.5
27	.83	.67	.50	.77	.59	.44	.54	.45	.28	34.2
28	.64	.73	.48	.56	.64	.36	.37	.42	.25	23.4
29	.64	.69	.76	.51	.58	.59	.31	.41	.35	19.9
30	.71	.62	.40	.59	.51	.38	.37	.42	.30	23.8
31	.56	.51	.39	.46	.34	.29	.34	.25	.22	22.7
32	.46	.47	.37	.31	.32	.29	.23	.25	.17	16.9
33	.41	.59	.42	.30	.52	.43	.19	.46	.21	17.7
34	.49	.65	.47	.46	.59	.37	.26	.50	.23	20.6
35	.56	.69	.61	.47	.61	.49	.30	.38	.45	20.6
36	.66	.63	.54	.54	.58	.41	.43	.43	.33	24.8
37	.60	.81	.71	.50	.66	.63	.37	.50	.50	29.0
38	.77	.65	.50	.64	.67	.44	.50	.49	.46	32.7
39	.61	.56	.22	.59	.51	.21	.47	.33	.16	34.4
				P O S T - R A I N Y S E A S O N						
40	.43	.30	.20	.39	.19	.16	.24	.18	.11	16.5
41	.24	.29	.21	.17	.25	.19	.13	.22	.16	8.1
42	.23	.19	.11	.20	.14	.09	.17	.00	.05	11.1
				D R Y S E A S O N						
43	.13	.44	.12	.10	.14	.11	.04	.00	.08	3.3
44	.16	.09	.14	.11	,13	.11	.07	.00	.08	4.0
45	.13	.44	.08	.11	.50	.08	.07	.40	.06	5.4
46	.13	.33	.20	.13	.33	.16	.09	.33	.09	7.0
47	.21	.27	.06	.19	.31	.05	.11	.00	.08	7.6
48	.10	.14	.05	.10	.00	.03	.07	.00	.02	3.5

...Table continued

Std. Wk.	> 5 mm W	W/W	W/D	>10 mm W	W/W	W/D	>20 mm W	W/W	W/D	Mean (mm)
49	.06	.50	.09	.03	.00	.09	.01	.00	.02	2.0
50	.11	.00	.05	.09	.00	.02	.04	.00	.02	2.1
51	.04	.00	.03	.01	.00	.03	.01	.00	.01	1.0
52	.03	.50	.07	.02	.50	.03	.01	1.00	.03	0.7
1	.09	.00	.08	.04	.00	.06	.04	.00	.02	1.7
2	.07	.00	.05	.06	.00	.03	.01	.00	.00	1.3
3	.04	.33	.03	.03	.00	.00	.00	.00	.00	0.6
4	.04	.33	.03	.00	.00	.03	.00	.00	.00	0.3
5	.04	.33	.03	.03	.00	.00	.00	.00	.00	0.7
6	.04	.00	.03	.00	.00	.01	.00	.00	.01	0.3
7	.03	.00	.04	.01	.00	.01	.01	.00	.00	0.8
8	.04	.00	.03	.01	.00	.01	.00	.00	.01	0.5
9	.03	.50	.02	.01	1.00	.01	.00	.00	.00	0.4
10	.03	.00	.02	.03	.00	.00	.00	.00.	.00	0.4
11	.01	.00	.04	.00	.00	.00	.00	.00	.00	0.1
12	.04	.00	.05	.00	.00	.00	.00	.00	.00	0.5
13	.04	.00	.06	.00	.00	.01	.00	.00	.00	0.5
14	.06	.00	.09	.01	.00	.01	.00	.00	.01	0.5
15	.09	.17	.05	.01	1.00	.00	.01	.00	.00	1.0
16	.06	.25	.05	.01	.00	.03	.00	.00	.01	0.6
17	.06	.00	.09	.03	.00	.07	.01	.00	.03	1.0
18	.09	,00	.06	.07	.00	.05	.03	.00	.03	3.5
19	o06	.00	.12	.04	.00	.06	.03	.00	.03	1.3
20	.11	.25	.23	.06	.00	.20	.03	.00	.13	1.8

Rainfall: (mm)

Pre-rainy season : 15.3

Rainy season :422.5

Post-rainy season : 35.7

Post-rainy dry season: 54.4

Winter rainy season : -

Dry season : -

Annual: 527.9

TABLE 54

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT MANDYA

Std. Wk.	> 5 mm W	> 5 mm W/W	> 5 mm W/D	> 10 mm W	> 10 mm W/W	> 10 mm W/D	> 20 mm W	> 20 mm W/W	> 20 mm W/D	Mean (mm)
				PRE-RAINY SEASON						
12	.19	.38	.18	,09	.33	.14	,07	.20	.03	5.2
13	.22	.33	.37	.16	.36	.24	.04	,33	.12	3.6
14	.36	.36	.52	.26	.56	.29	.13	.33	.23	9.1
15	.39	.48	.48	.36	.32	.36	.25	.24	.23	10.0
				RAINY SEASON						
16	.48	.45	.44	.35	.33	.31	.23	.31	.17	14.9
17	.45	.68	.55	.32	.45	.47	.20	.50	.24	11.8
18	.61	.69	.48	.46	.59	.51	.29	.35	.45	20.9
19	.61.	.76	.74	.55	.68	.68	.42	.45	.65	23.4
20	.75	.77	.76	.68	.57	.68	.57	.46	.40	40.0
21	.77	.66	.69	.61	.60	.56	.43	.67	.31	34.6
22	.67	.61	.52	.58	.55	.38	.46	.44	.30	28.6
23	.58	.43	.34	.48	.24	.25	.36	.12	.16	18.3
24	.39	.33	.21	.25	.24	.15	.14	.30	.12	9.7
25	.26	.44	.37	.17	.42	.28	.14	.30	.08	6.6
26	.39	.59	.31	.30	.57	.25	.12	.50	.23	10.2
27	.42	.52	.38	.35	.25	.27	.26	.22	.08	11.8
28	.43	.50	.38	.26	.33	.25	.12	.13	.15	8.2
29	.43	.37	.38	.28	.32	.26	.14	.10	.20	9.5
30	.38	.58	.37	.28	.32	.22	.19	.23	.16	11.0
31	.45	.48	.42	.25	.24	.31	.17	.17	.18	11.2
32	.45	.48	.50	.29	.50	.45	.17	.33	.33	14.6
33	.49	.50	.37	.46	.44	.30	.33	.30	.22	22.0
34	.43	.50	.49	.36	.44	.39	.25	.47	.25	16.3
35	.49	.56	.49	.41	.46	.41	.30	.33	.29	20.9
36	.52	.47	.52	.43	.37	.46	.30	.43	.38	16.1
37	.49	.76	.71	.42	.83	.55	.39	.67	.45	24.8
38	.74	.71	.50	.67	.63	.43	.54	.68	.41	40.7
39	.65	.67	.75	.57	.59	.70	.55	.53	.61	33.9
40	.70	.77	.62	.64	.80	.48	.57	.77	.40	45.5
41	.72	.66	.53	.68	.62	.41	.61	.50	.30	47.3
42	.62	.65	.46	.55	.63	.45	.42	.59	.38	35.9
43	.58	.58	.55	.55	.50	.42	.46	.41	.32	33.6

...Table continued

Std. Wk.	> 5 mm W	W/W	W/D	> 10 mm W	W/W	W/D	> 20 mm W	W/W	W/D	Mean (mm)
44	.57	.51	.47	.46	.50	.35	.36	.44	.27	23.9
45	.49	.47	.20	.42	.48	.20	.33	.43	.15	20.8
				POST-RAINY SEASON						
46	.33	.57	.28	.32	.50	.30	.25	.35	.19	15.1
47	.38	.23	.23	.36	.16	.20	.23	.06	.08	12,2
48	.23	.44	.11	.19	.38	.09	.07	.20	.13	5.1
49	.19	.38	.11	.14	.20	.12	.13	.11	.08	6.2
50	.16	.18	.05	.13	.22	.03	.09	.00	.02	6.9
				DRY SEASON						
51	.07	.20	.06	.06	.25	.03	.01	1.00	.01	1.1
52	.07	.00	.08	.04	.00	.05	.03	.05	.00	1.1
1	.07	.00	.03	.04	.00	.03	.01	.00	.00	1.2
2	.03	.00	.06	.03	.00	.04	.00	.00	.03	0.6
3	.06	.00	.03	.04	.00	.02	.03	.00	.01	1.2
4	.03	.50	.06	.01	.00	.06	.01	.00	.03	0.6
5	.07	.20	.03	.06	.25	.03	.03	.50	.01	1.4
6	.04	.33	.05	.04	.33	.02	.03	.00	.03	1.6
7	.06	.25	.11	.03	.50	.09	.03	.50	.06	1.2
8	.12	.13	.10	.10	.14	.08	.07	.20	.05	3.5
9	.10	.57	.03	.09	.50	.03	.06	.25	.05	2.6
10	.09	.83	.06	.07	.80	.03	.06	.75	.02	3.3
11	.13	.44	.15	.09	.33	.06	.06	.50	.05	3.8

Rainfall: (mm)

Pre-rainy season : 27.9 Post-rainy dry season : -

Rainy season : 667.0 Winter rainy season : -

Post-rainy season : 45.5 Dry season : 23.2

Annual: 763.6

TABLE 55

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT MYSORE

Std. Wk.	> 5 mm W	W/W	W/D	> 10 mm W	W/W	W/D	> 20 mm W	W/W	W/D	Mean (mm)
				PRE-RAINY SEASON						
12	.17	.42	.17	.10	.43	.14	.07	.40	.09	3.9
13	.21	.47	.40	.17	.33	.33	.11	.13	.23	5.4
14	.41	.52	.56	.33	.39	.45	.21	.27	.25	10.1
				RAINY SEASON						
15	.54	.61	.47	.43	.43	.38	.26	.22	.25	18.7
16	.54	.61	.59	.40	.50	.43	.24	.29	.26	12.0
17	.60	.83	.68	.46	.75	.55	.27	.68	.35	16.3
18	.77	.81	.56	.64	.71	.52	.44	.61	.49	28.4
19	.76	.72	.71	.64	.71	.68	.54	.61	.66	34.2
20	.71	.72	.85	.70	.69	.71	.63	.41	.62	39.8
21	.76	.60	.65	.70	.57	.52	.49	.41	.53	35.3
22	.61	.58	.63	.56	.49	.48	.47	.36	.30	21.1
23	.60	.60	.57	.49	.41	.33	.33	.35	.19	18.5
24	.59	.59	.59	.37	.38	.32	.24	.24	.13	21.4
25	.59	.61	.45	.34	.42	.30	.16	.36	.14	11.2
26	.54	.58	.84	.34	.50	.52	.17	.33	.29	10.7
27	.70	.78	.71	.51	.61	.65	.30	.33	.31	17.5
28	.76	.77	.71	.63	.50	.65	.31	.27	.23	17.7
29	.76	.79	.71	.56	.69	.55	.24	.35	.25	17.9
30	.77	.76	.63	.63	.55	.46	.27	.32	.27	15.4
31	.73	.69	.53	.51	.58	.38	.29	.40	.22	16.1
32	.64	.67	.56	.49	.41	.42	.27	.16	.22	16.0
33	.63	.73	.77	.41	.41	.56	.20	.21	.25	16.7
34	.74	.60	.72	.50	.49	.49	.24	.41	.25	15.2
35	.63	.64	.54	.49	.50	.22	.29	.25	.16	20.7
36	.60	.71	.57	.36	.56	.40	.19	.54	.33	14.8
37	.66	.85	.71	.46	.69	.66	.37	.54	.50	23.4
38	.80	.77	.50	.67	.70	.39	.51	.64	.35	32.1
39	.71	.72	.75	.60	.60	.71	.50	.51	.63	35.9
40	.73	.78	.68	.64	.73	.68	.57	.60	.63	41.5
41	.76	.85	.59	.71	.72	.45	.61	.60	.44	45.7
42	.79	.65	.60	.64	.51	.56	.54	.53	.38	35.3

...Table continued

Std. Wk.	> 5 mm W	W/W	W/D	>, 10 mm W	W/W	W/D	> 20 mm W	W/W	W/D	Mean (mm)
A3	.64	.58	.68	.53	.57	.42	.46	.41	.39	29.7
44	.61	.58	.37	.50	.43	.43	.40	.32	.36	24.2
45	.50	.63	.31	.43	.50	.28	.34	.38	.20	18.5
46	.47	.42	.32	.37	.35	.32	.26	.33	.19	17.3
				P O S T - R A I N Y S E A S O N						
47	.37	.23	.30	.33	.22	.21	.23	.25	.07	15.3
48	.27	.26	.14	.21	.20	.13	.11	.00	.11	5.4
49	.17	.17	.12	.14	.20	.10	.10	.00	.06	5.1
				D R Y S E A S O N						
50	.13	.22	.05	.11	.00	.05	.06	.00	.03	3.8
51	.07	.20	.03	.04	.33	.00	.03	.00	.00	1.7
52	.04	.00	.09	.01	.00	.04	.00	.00	.04	0.9
1	.09	.00	.05	.04	.00	.03	.04	.00	.00	1.8
2	.04	.00	.04	.03	.00	.03	.00	.00	.01	0.6
3	.04	.00	.09	.03	.00	.03	.01	.00	.00	0.7
4	.09	.33	.02	.03	.50	.03	.00	.00	.03	0.8
5	.04	.33	.04	.04	.33	.03	.03	.50	.00	1.8
6	.06	.00	.05	.04	.00	.00	.01	.00	.00	1.0
7	.04	.33	.12	.00	.00	.09	.00	.00	.06	0.4
8	.13	.00	.03	.09	.00	.03	.06	.00	.00	2.8
9	.03	.00	.06	.03	.00	.04	.00	.00	.03	0.5
10	.06	.00	.11	.04	.00	.09	.03	.00	.04	1.1
11	.10	.14	.17	.09	.00	.11	.04	.00	.07	2.0

Rainfall: (mm)

Pre-rainy season : 19.4 Post-rainy dry season: -

Rainy season : 739.2 Winter rainy season : -

Post-rainy season : 25.8 Dry season : 19.9

Annual: 804.3

TABLE 56

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT NANDED

Std.	> 5 mm			> 10 mm			> 20 mm			Mean
Wk.	W	W/W	W/D	W	W/W	W/D	W	W/W	W/D	(mm)
				PRE-RAINY SEASON						
20	.21	.33	.13	.14	.25	.10	.09	.00	.06	4.2
21	.18	.70	.21	.12	.71	.14	.05	.00	.11	3.6
22	.30	.59	.65	.21	.42	.49	.11	.33	.24	8.0
				RAINY SEASON						
23	.63	.69	.62	.47	.63	.50	.25	.57	.37	20.6
24	.67	.87	.84	.56	.78	.84	.42	.63	.70	28.6
25	.86	.90	.88	.81	.87	.82	.67	.74	.79	53.3
26	.90	.92	1.00	.86	.88	.75	.75	.74	.71	54.1
27	.93	.83	.50	.86	.78	.63	.74	.69	.73	44.1
28	.81	.89	.73	.75	.84	.64	.70	.68	.47	47.6
29	.86	.96	.75	.79	.96	.75	.61	.89	.50	49.5
30	.93	.91	1.00	.91	.85	.80	.74	.74	.53	57.6
31	.91	.79	.80	.84	.73	.33	.68	.56	.39	55.9
32	.79	.89	.58	.67	.82	.53	.51	.62	.50	36.9
33	.83	.85	.70	.72	.78	.81	.56	.69	.64	38.2
34	.83	.79	.90	.79	.78	.75	.67	.68	.47	57.2
35	.81	.89	.64	.77	.84	.54	.61	.66	.55	45.9
36	.84	.81	.78	.77	.68	.54	.61	.69	.36	52.8
37	.81	.85	.82	.67	.65	.85	.56	.66	.64	58.7
38	.84	.71	.56	.72	.66	.50	.65	.51	.50	45.4
39	.68	.67	.28	.61	.54	.23	.51	.45	.14	40.3
40	.54	.42	.27	.00	.33	.18	.30	.12	.23	20.2
				POST-RAINY SEASON						
41	.35	.40	.24	.25	.36	.26	.19	.18	.22	9.9
42	.30	.24	.10	.28	.19	.07	.21	.17	.04	8.8
43	.14	.38	.22	.11	.17	.22	.07	.25	.17	3.5
44	.25	.50	.12	.21	.25	.11	.18	.30	.09	10.4
45	.21	.50	.04	.14	.38	.06	.12	.14	.04	6.5

....Table continued

Std. Wk.	> 5 mm W	W/W	W/D	»10 mm W	W/W	W/D	> 20 mm W	W/W	W/D	Mean (mm)
				D R Y S E A S O N						
46	.14	.38	.08	.11	.50	.06	.05	.10	.07	4.2
47	.12	.14	.06	.11	.17	.06	.07	.25	.00	3.0
48	.07	.25	.00	.07	.25	.00	.02	.00	.00	1.4
49	.02	.00	.11	.02	.00	.09	.00	.00	.05	0.4
50	.11	.17	.02	.09	.20	.02	.05	.00	.02	2.6
51	.04	.00	.07	.04	.00	.04	.02	.00	.02	0.9
52	.07	.00	.08	.04	.00	.06	.02	.00	.04	1.7
1	.07	.25	.04	.05	.33	.02	.04	.00	.02	2.0
2	.05	.00	.06	.04	.00	.04	.02	.00	.02	1.2
3	.05	.00	.06	.04	.00	.06	.02	.00	.00	1.4
4	.05	.33	.11	.05	.33	.11	.00	.00	.11	1.0
5	.12	.29	.14	.12	.14	.08	.11	.17	.06	5.5
6	.16	.33	.02	.09	.20	.00	.07	.25	.00	3.6
7	.07	.25	.15	.02	.00	.13	.02	.00	.07	1.2
8	.16	.22	.08	.12	.14	.04	.07	.00	.04	4.0
9	.11	.00	.04	.05	.00	.02	.04	.00	.02	2.9
10	.04	.00	.06	.02	.00	.00	.02	.00	.00	0.9
11	.05	.00	.09	.00	.00	.04	.00	.00	.02	0.6
12	.09	.60	.15	.04	.00	.09	.02	.00	.04	1.2
13	.19	.36	.13	.09	.00	.14	.04	.00	.06	2.9
14	.18	.10	.06	.12	.14	.02	.05	.00	.02	3.2
15	.07	.25	.13	.04	.00	.06	.02	.00	.00	1.0
16	.14	.13	.12	.05	.33	.09	.00	.00	.02	1.8
17	.12	.29	.08	.11	.00	.00	.02	.00	.00	2.2
18	.11	.17	.06	.00	.00	.04	.00	.00	.02	1.0
19	.07	.50	.19	.04	.00	.15	.02	.00	.09	1.3

Rainfall: (mm)

Pre-rainy season : 15.8

Post-rainy season : 806.9

Post-rainy season : 39.1

Post-rainy dry season: 53.1

Winter rainy season : -

Dry season : -

Annual: 914.9

TABLE 57

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT NASIK

Std. Wk.	> 5 mm W	W/W	W/D	> 10 mm W	W/W	W/D	> 20 mm W	W/W	W/D	Mean (mm)
				P R E - R A I N Y S E A S O N						
21	.31	.53	.17	.25	.33	.13	.18	.36	.08	9.0
22	.28	.41	.39	.18	.55	.26	.13	.50	.23	11.1
23	.39	.75	.59	.31	.74	.55	.26	.63	.42	15.5
				R A I N Y S E A S O N						
24	.66	.63	.71	.61	.49	.54	.48	.38	.41	25.3
25	.66	.78	.71	.51	.71	.57	.39	.67	.49	26.5
26	.75	.85	.87	.64	.82	.82	.56	.68	.70	40.5
27	.85	.92	.56	.82	.86	.55	.69	.64	.53	43.4
28	.87	.92	1.00	.80	.88	.58	.61	.59	.50	41.3
29	.93	.98	.25	.82	.82	.64	.56	.76	.48	43.0
30	.93	.88	1.00	.79	.83	.69	.64	.67	.45	45.0
31	.89	.94	.86	.80	.69	.50	.59	.44	.32	41.7
32	.93	.79	.50	.66	.53	.43	.39	.42	.32	23.5
33	.77	.77	.93	.49	.60	.55	.36	.36	.46	24.8
34	.80	.69	.50	.57	.63	.31	.43	.42	.29	27.7
35	.66	.75	.43	.49	.57	.39	.34	.62	.25	26.3
36	.64	.64	.55	.48	.59	.38	.38	.35	.21	22.0
37	.61	.68	.67	.48	.62	.63	.26	.56	.47	25.1
38	.67	.63	.50	.62	.53	.48	.49	.50	.26	35.5
39	.59	.58	.44	.51	.52	.47	.38	.35	.39	33.5
				P O S T - R A I N Y S E A S O N						
40	.52	.31	.48	.49	.27	.32	.38	.22	.21	27.2
41	.39	.42	.27	.30	.28	.26	.21	.38	.19	13.7
42	.33	.30	.20	.26	.19	.16	.23	.14	.11	15.7
43	.23	.21	.09	.16	.20	.10	.11	.14	.07	5.8
				D R Y S E A S O N						
44	.11	.14	.19	.11	.14	.11	.08	.20	.11	5.1
45	.18	.45	.06	.11	.29	.04	.11	.29	.04	5.9
46	.13	.13	.09	.07	.25	.07	.07	.25	.07	3.8

...Table continued

Std. Wk.	> 5 mm W	> 5 mm W/W	> 5 mm W/D	> 10 mm W	> 10 mm W/W	> 10 mm W/D	> 20 mm W	> 20 mm W/W	> 20 mm W/D	Mean (mm)
47	.10	.33	.07	.08	.20	.07	.08	.20	.00	4.5
48	.10	.00	.05	.08	.00	.05	.02	.00	.03	1.7
49	.05	.33	.07	.05	.00	.03	.03	.00	.03	1.9
50	.08	.20	.07	.03	.00	.03	.03	.00	.00	1.7
51	.08	.00	.00	.03	.00	.00	.00	.00	.00	0.8
52	.00	.00	.05	.00	.00	.05	.00	.00	.03	0.1
1	.05	.33	.02	.05	.33	.00	.03	.00	.00	1.2
2	.03	.00	.03	.02	.00	.02	.00	.00	.02	0.5
3	.03	.00	.00	.02	.00	.00	.02	.00	.00	0.6
4	.00	.00	.02	.00	.00	.00	.00	.00	.00	0.0
5	.02	.00	.00	.00	.00	.00	.00	.00	.00	0.2
6	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.2
7	.00	.00	.02	.00	.00	.02	.00	.00	.00	0.0
8	.02	.00	.00	.02	.00	.00	.00	.00	.00	0.3
9	.00	.00	.03	.00	.00	.02	.00	.00	.02	0.0
10	.03	.00	.00	.02	.00	.00	.02	.00	.00	0.7
11	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.1
12	.00	.00	.02	.00	.00	.02	.00	.00	.02	0.2
13	.02	.00	.07	.02	.00	.05	.02	.00	.05	0.9
14	.07	.25	.09	.05	.00	.07	.05	.00	.05	1.8
15	.10	.17	.05	.07	.00	.04	.05	.00	.00	2.2
16	.07	.25	.11	.03	.00	.10	.00	.00	.08	1.1
17	.11	.14	.09	.10	.00	.04	.08	.00	.02	2.4
18	.10	.00	.09	.03	.00	.05	.02	.00	.05	1.3
19	.08	.20	.11	.05	.33	.07	.05	.33	.05	2.3
20	.11	.71	.26	.08	.60	.21	.07	.75	.14	3.0

Rainfall: (mm)

Pre-rainy season : 35.6

Rainy season : 525.1

Post-rainy season : 62.4

Post-rainy dry season : -

Winter rainy season : -

Dry season : 45.5

Annual : 667.6

TABLE 59

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT ONGOLE

Std. Wk.	> 5 mm W	5 mm W/W	5 mm W/D	> 10 mm W	10 mm W/W	10 mm W/D	> 20 mm W	20 mm W/W	20 mm W/D	Mean (mm)
				PRE-RAINY SEASON						
20	.24	.71	.41	.21	.50	.30	.17	.20	.17	15.3
21	.48	.36	.27	.34	.30	.16	.17	.20	.13	16.2
22	.31	.67	.30	.21	.67	.22	.14	.00	.08	11.2
23	.41	.50	.53	.31	.44	.40	.07	.00	.22	7.4
				RAINY SEASON						
24	.52	.87	.50	.41	.67	.35	.21	.33	.22	13.8
25	.69	.50	.33	.48	.29	.40	.24	.14	.18	12.5
26	.45	.85	.63	.34	.80	.53	.17	.60	.38	9.9
27	.72	.48	.38	.62	.28	.45	.41	.33	.12	22.1
28	.45	.62	.44	.34	.60	.37	.21	.17	.39	14.6
29	.52	.73	.64	.45	.69	.44	.34	.30	.21	19.8
30	.69	.75	.44	.55	.75	.46	.24	.43	.41	17.9
31	.66	.37	.80	.62	.39	.55	.41	.17	.29	19.6
32	.52	.73	.21	.45	.54	.31	.24	.14	.41	15.2
33	.48	.43	.47	.41	.33	.41	.34	.30	.32	22.7
34	.45	.46	.81	.38	.45	.61	.31	.33	.55	14.3
35	.66	.79	.80	.55	.69	.54	.48	.64	.40	29.8
36	.79	.61	1.00	.62	.56	.64	.52	.33	.50	32.7
37	.69	.85	.44	.59	.76	.50	.41	.58	.35	26.3
38	.72	.71	1.00	.66	.68	.90	.45	.46	.63	46.6
39	.79	.61	.83	.76	.55	.71	.55	.31	.46	27.1
40	.66	.63	.70	.59	.65	.58	.38	.55	.50	36.3
41	.66	.79	.70	.62	.72	.64	.52	.73	.43	37.9
42	.76	.73	.43	.69	.65	.44	.59	.59	.50	73.6
43	.66	.58	.50	.59	.59	.50	.55	.56	.38	51.1
44	.55	.58	.50	.59	.59	.50	.55	.56	.38	51.1
45	.55	.56	.46	.45	.54	.44	.31	.44	.40	43.5
46	.52	.53	.36	.48	.43	.27	.41	.25	.18	46.9
47	.45	.15	.19	.34	.20	.16	.21	.17	.09	15.4
				POST-RAINY SEASON						
48	.17	.20	.13	.17	.20	.13	.10	.00	.08	7.2

...Table continued

Std. Wk.	> 5 mm W	> 5 mm W/W	> 5 mm W/D	> 10 mm W	> 10 mm W/W	> 10 mm W/D	> 20 mm W	> 20 mm W/W	> 20 mm W/D	Mean (mm)
				DRY SEASON						
49	.14	.50	.12	.14	.50	.08	.07	.50	.11	5.6
50	.17	.20	.13	.14	.25	.12	.14	.25	.12	9.3
51	.14	.00	.08	.14	.00	.04	.14	.00	.04	3.8
52	.07	.00	.04	.03	.00	.00	.03	.00	.00	1.5
1	.03	.00	.07	.00	.00	.00	.00	.00	.00	0.2
2	.07	.00	.04	.00	.00	.03	.00	.00	.03	0.4
3	.03	.00	.07	.03	.00	.04	.03	.00	.00	1.1
4	.07	.00	.07	.03	.00	.07	.00	.00	.07	0.7
5	.07	.00	.11	.07	.00	.04	.07	.00	.04	4.9
6	.10	.33	.04	.03	.00	.07	.03	.00	.04	1.6
7	.07	.50	.07	.07	.50	.04	.03	.00	.04	1.5
8	.10	.00	.00	.07	.00	.00	.03	.00	.00	3.2
9	.00	.00	.07	.00	.00	.07	.00	.00	.03	0.1
10	.07	.00	.00	.07	.00	.00	.03	.00	.00	10.9
11	.00	.00	.03	.00	.00	.00	.00	.00	.00	0.0
12	.03	.00	.07	.00	.00	.07	.00	.00	.07	0.4
13	.07	.00	.07	.07	.00	.04	.07	.00	.00	3.9
14	.07	.00	.07	.03	.00	.07	.00	.00	.03	0.9
15	.07	.50	.19	.07	.50	.19	.03	1.00	.11	1.4
16	.21	.17	.00	.21	.00	.00	.14	.00	.00	10.0
17	.03	.00	.11	.00	.00	.07	.00	.00	.07	0.3
18	.10	.00	.08	.07	.00	.07	.07	.00	.04	3.0
19	.07	.50	.22	.07	.50	.19	.03	.00	.18	6.3

Rainfall: (mm)

Pre-rainy season : 50.1

Rainy season : 700.7

Post-rainy season : 7.2

Post-rainy dry season : -

Winter rainy season : -

Dry season : 71.0

Annual : 829.0

TABLE 60

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT OSMANABAD

Std. Wk.	> 5 mm W	W/W	W/D	> 10 mm W	W/W	W/D	> 20 mm W	W/W	W/D	Mean (mm)
				PRE-RAINY SEASON						
13	.18	.33	.20	.06	.00	.18	.02	.00	.03	2.1
14	.23	.07	.24	.17	.00	.15	.03	.00	.08	3.4
15	.20	.23	.17	.12	.13	.10	.08	.00	.03	4.6
16	.18	.25	.17	.11	.29	.12	.03	.50	.05	3.1
17	.18	.33	.22	.14	.22	.11	.06	.25	.02	4.4
18	.24	.13	.12	.12	.12	.00	.07	.03	.00	3.6
19	.12	.38	.24	.06	.25	.16	.03	.50	.11	1.9
20	.26	.65	.29	.17	.64	.20	.12	.63	.14	7.8
21	.38	.52	.37	.27	.39	.31	.20	.23	.30	11.0
22	.42	.71	.63	.33	.68	.57	.29	.68	.38	15.0
				RAINY SEASON						
23	.67	.73	.82	.61	.63	.65	.47	.45	.46	35.3
24	.76	.86	.81	.64	.76	.79	.45	.73	.50	29.9
25	.85	.89	.80	.77	.75	.80	.61	.48	.77	44.3
26	.88	.86	.63	.76	.78	.56	.59	.59	.48	38.5
27	.83	.82	.73	.73	.71	.72	.55	.61	.47	34.8
28	.80	.79	.77	.71	.79	.63	.55	.69	.47	39.8
29	.79	.94	.93	.74	.84	.82	.59	.67	.74	41.1
30	.94	.89	1.00	.83	.82	.82	.70	.72	.50	41.3
31	.89	.80	.57	.82	.65	.67	.65	.56	.30	39.7
32	.77	.86	.60	.65	.67	.52	.47	.58	.37	29.0
33	.80	.75	.77	.62	.59	.52	.47	.55	.40	30.6
34	.76	.84	.69	.56	.73	.59	.47	.58	.40	37.1
35	.80	.85	.92	.67	.73	.68	.48	.75	.41	43.0
36	.86	.84	,89	.71	.70	.63	.58	.68	.57	43.6
37	.85	.82	.90	.68	.78	.71	.64	.69	.67	60.6
38	.83	.75	.55	.76	.64	.50	.68	.51	.43	47.8
39	.71	.62	.47	.61	.63	.31	.48	.38	.24	44.3
40	.58	.42	.46	.50	.33	.39	.30	.25	.26	21.6
				POST-RAINY SEASON						
41	.44	.38	.32	.36	.33	.24	.26	.24	.18	13.8
42	.35	.30	.21	.27	.17	.15	.20	.15	.09	10.6
43	.24	.50	.18	.15	.50	.16	.11	.57	.12	8.1
44	.26	.47	.18	.21	.36	.12	.17	.27	.09	9.4

...Table continued

Std. Wk.	> 5 mm W	W/W	W/D	> 10 mm W	W/W	W/D	> 20 mm W	W/W	W/D	Mean (mm)
45	.26	.29	.08	.17	.18	.09	.12	.13	.07	7.3
				DRY SEASON						
46	.14	.44	.11	.11	.29	.03	.08	.20	.02	5.9
47	.15	.30	.09	.06	.00	.06	.03	.00	.02	4.1
48	.02	.25	.03	.06	.00	.03	.02	.00	.02	1.8
49	.06	.75	.11	.03	.50	.06	.02	1.00	.03	0.9
50	.05	.20	.07	.08	.00	.07	.05	.00	.03	2.8
51	.09	.50	.07	.06	.00	.03	.03	.00	.02	3.3
52	.11	.14	.05	.03	.50	.03	.02	.00	.02	1.3
1	.06	.00	.00	.05	.00	.03	.02	.00	.02	1.5
2	.03	.00	.06	.03	.00	.05	.02	.00	.03	0.6
3	.06	.00	.02	.05	.00	.00	.03	.00	.00	1.5
4	.02	1.00	.06	.00	.00	.08	.00	.00	.03	0.3
5	.08	.00	.07	.08	.00	.03	.03	.00	.00	1.5
6	.06	.25	.05	.03	.50	.03	.00	.00	.02	0.7
7	.06	.00	.02	.05	.00	.02	.02	.00	.02	1.0
8	.02	1.00	.09	.02	1.00	.03	.02	1.00	.03	0.9
9	.11	.43	.02	.05	.33	.02	.05	.33	.02	1.9
10	.06	.25	.08	.03	.50	.06	.03	.00	.00	0.9
11	.09	.50	.07	.08	.20	.07	.00	.00	.05	1.1
12	.11	.29	.17	.08	.20	.05	.05	.00	.02	2.2

Rainfall: (mm)

Pre-rainy season : 56.9 Post-rainy dry season: –

Rainy season : 702.3 Winter rainy season : -

Post-rainy season : 49.2 Dry season : 34.2

Annual: 842.6

TABLE 61

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT PADEGAON

Std. Wk.	≥5 mm W	≥5 mm W/W	≥5 mm W/D	>10 mm W	>10 mm W/W	>10 mm W/D	≥20 mm W	≥20 mm W/W	≥20 mm W/D	Mean (mm)
				PRE-RAINY SEASON						
12	.16	.25	.14	.12	.00	.09	.04	.00	.08	2.6
13	.16	.00	.24	.08	.00	.09	.08	.00	.04	4.3
14	.20	.60	.15	.08	.50	.13	.04	.00	.08	2.9
15	.24	.00	.16	.16	.00	.00	.08	.00	.00	4.4
16	.12	.33	.27	.00	.00	.20	.00	.00	.16	1.4
17	.28	.14	.33	.20	.20	.20	.16	.25	.04	7.6
18	.28	.14	.11	.20	.00	.15	.08	.00	.00	45.4
19	.12	.67	.36	.12	.33	.27	.00	.00	.24	2.3
20	.40	.40	.40	.28	.29	.33	.24	.33	.21	12.3
21	.40	.50	.20	.32	.25	.12	.24	.00	.05	14.9
22	.32	.75	.53	.16	.50	.52	.04	.00	.42	4.9
23	.60	.40	.30	.52	.31	.25	.40	.30	.20	23.9
24	.36	.33	.63	.28	.14	.50	.24	.00	.32	11.6
				RAINY SEASON						
25	.52	.77	.33	.40	.50	.40	.24	.50	.16	14.6
26	,56	.71	.27	.44	.64	.29	.24	.50	.21	14.9
27	.52	.62	.67	.44	.46	.50	.28	.43	.33	13.3
28	.64	.94	.56	.48	.83	.69	.36	.78	.56	17.8
29	.80	.75	1.00	.76	.63	.67	.64	.50	.11	24.8
30	.80	.70	.40	.64	.56	.33	.36	.33	.19	23.6
31	.64	.63	.33	.48	.50	.46	.24	.17	.32	17.5
32	.52	.46	.42	.48	.42	.23	.28	.57	.22	11.9
33	.44	.46	.29	.32	.25	.18	.32	.25	.18	18.2
34	.36	.56	.44	.20	.20	.30	.20	.20	.10	12.9
35	.48	.50	.31	.28	.57	.22	.12	.00	.14	12.8
36	.40	.50	.33	.32	.25	.29	.12	.33	.23	11.1
37	.40	.80	.67	.28	.71	.61	.24	.50	.63	21.5
38	.72	.89	.71	.64	.81	.67	.60	.80	.50	38.9
39	.84	.62	.50	.76	.53	.50	.68	.41	.50	48.0
40	.60	.80	.30	.52	.77	.33	.44	.36	.21	25.6

...Table continued

Std. Wk.	> 5 mm W	> 5 mm W/W	> 5 mm W/D	> 10 mm W	> 10 mm W/W	> 10 mm W/D	> 20 mm W	> 20 mm W/W	> 20 mm W/D	Mean (mm)
41	.60	.53	.70	.56	.57	.64	.28	.43	.44	19.2
42	.60	.40	.10	.60	.20	.00	.44	.09	.00	29.6
				P O S T - R A I N Y		S E A S O N				
43	.28	.43	.22	.12	.67	.18	.04	.00	.17	11.0
44	.28	.57	.28	.24	.50	.21	.16	.50	.19	7.2
45	.36	.56	.13	.28	.43	.17	.24	.33	.16	15.6
46	.28	.29	.17	.24	.33	.16	.20	.00	.10	10.5
47	.20	.00	.10	.20	.00	.00	.08	.00	.00	4.8
				D R Y	S E A S O N					
48	.08	.00	.04	.00	.00	.04	.00	.00	.04	0.6
49	.04	.00	.13	.04	.00	.13	.04	.00	.13	1.6
50	.12	.33	.09	.12	.00	.05	.12	.00	.00	5.0
51	.12	.00	.00	.04	.00	.00	.00	.00	.00	1.4
52	.00	.00	.04	.00	.00	.00	.00	.00	.00	0.1
1	.04	.00	.00	.00	.00	.00	.00	.00	.00	0.5
2	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.3
3	.00	.00	.04	.00	.00	.04	.00	.00	.00	0.1
4	.04	.00	.04	.04	.00	.00	.00	.00	.00	0.5
5	.04	.00	.00	.00	.00	.00	.00	.00	.00	0.3
6	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
7	.00	.00	.04	.00	.00	.04	.00	.00	.00	0.1
8	.04	1.00	.00	.04	.00	.00	.00	.00	.00	0.7
9	.04	.00	.04	.00	.00	.00	.00	.00	.00	0.2
10	.04	.00	.00	.00	.00	.00	.00	.00	.00	0.5
11	.00	.00	.16	.00	.00	.12	.00	.00	.04	0.3

Rainfall: (mm.)

Pre-rainy season : 138.5

Rainy season : 376.2

Post-rainy season : 49.1

Post-rainy dry season: 12.2

Winter rainy season : -

Dry season : -

Annual: 576.0

TABLE 62

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT PALI

Std.	>5 mm			>10 mm			> 20 mm			Mean
Wk.	W	W/W	W/D	W	W/W	W/D	W	W/W	W/D	(mm)
				P R E - R A I N Y S E A S O N						
24	.32	.24	.04	.23	.20	.06	.18	.08	.02	11.0
25	.35	.35	.30	.30	.25	.22	.21	.14	.19	14.0
26	.42	.39	.32	.32	.33	.29	.29	.21	.21	14.1
				R A I N Y S E A S O N						
27	.55	.42	.43	.50	.30	.33	.35	.30	.28	22.0
28	.52	.59	.50	.47	.55	.46	.38	.32	.37	26.5
29	.52	.50	.53	.45	.40	.53	.27	.28	.42	20.6
30	.59	.56	.44	.55	.56	.33	.45	.37	.19	39.4
31	.67	.66	.45	.59	.62	.44	.44	.48	.43	34.2
32	.55	.81	.50	.52	.71	.47	.44	.52	.38	33.3
33	.50	.58	.52	.41	.52	.51	.39	.38	.48	36.0
34	.55	.64	.33	.48	.57	.26	.42	.61	.24	44.6
35	.59	.72	.30	.55	.67	.27	.50	.58	.27	61.0
				P O S T - R A I N Y S E A S O N						
36	.36	.71	.52	.29	.74	.47	.23	.67	.45	28.4
37	.39	.54	.25	.36	.42	.21	.24	.38	.18	17.1
38	.23	.60	.33	.17	.55	.33	.14	.33	.23	9.5
				D R Y - S E A S O N						
39	.14	.33	.21	.11	.43	.14	.09	.50	.10	5.7
40	.14	.55	.07	.11	.43	.07	.03	.50	.08	4.1
41	.05	.33	.13	.02	.00	.11	.00	.00	.03	0.4
42	.03	.50	.03	.00	.00	.02	.00	.00	.00	0.2
43	.03	.00	.03	.03	.00	.00	.03	.00	.00	0.9
44	.05	.00	.03	.05	.00	.03	.02	.00	.03	0.9
45	.02	.00	.05	.02	.00	.05	.00	.00	.02	0.3
46	.00	.00	.01	.00	.00	.02	.00	.00	.00	0.1
47	.03	.00	.00	.03	.00	.00	.02	.00	.00	0.7
48	.00	.00	.03	.00	.00	.03	.00	.00	.02	0.1
49	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.1
50	.02	.00	.00	.02	.00	.00	.02	.00	.00	0.5

...Table continued

Std. Wk.	>5 mm W	W/W	W/D	> 10 mm W	W/W	W/D	> 20 mm W	W/W	W/D	Mean (mm)
51	.05	.00	.02	.03	.00	.02	.00	.00	.02	0.5
52	.03	.50	.03	.00	.00	.03	.00	.00	.00	0.2
1	.02	.00	.00	.00	.00	.00	.00	.00	.00	0.1
2	.05	.00	.02	.02	.00	.00	.00	.00	.00	0.5
3	.03	.00	.05	.03	.00	.02	.02	.00	.00	1.5
4	.05	.33	.02	.05	.33	.02	.02	.00	,02	0.7
5	.06	.50	.02	.00	.00	.05	.00	.00	.02	0.6
6	.06	.25	.05	.03	.00	.00	.00	.00	.00	0.8
7	.06	.25	,05	.02	1.00	.02	.02	.00	.00	1.0
8	.05	.00	.06	.03	.00	.02	.02	.00	.02	0.7
9	.05	.00	.05	.02	.00	.03	.02	.00	.02	0.8
10	.03	.50	.03	.00	.00	.02	.00	.00	.02	0.3
11	.02	.00	.03	.02	.00	.00	.00	.00	.00	0.3
12	.03	.00	.02	.02	.00	.02	.00	.00	.00	0.3
13	.05	.33	.02	.03	.00	.02	.00	.00	.00	0.5
14	.02	.00	.05	.02	.00	.03	.02	.00	.00	0.4
15	.02	.00	.02	.02	.00	.02	.00	.00	.02	0.3
16	.02	.00	.02	.02	.00	.02	.02	.00	.00	0.6
17	.02	.00	.02	.02	.00	.02	.02	.00	.02	0.-4
18	.05	.33	.00	.05	.33	.00	.02	1.00	.00	1.5
19	.08	.20	.03	.06	.25	.03	.02	1.00	.00	2.0
20	.12	.13	.07	.08	.00	.07	.02	.00	.02	1.7
21	.06	.50	.10	.02	.00	.08	.02	.00	.02	1.0
22	.23	.13	.04	.17	.09	.00	.12	.13	.00	5.5
23	.11	.14	.24	.09	.17	.17	.03	.00	.13	2.3

Rainfall: (mm)

Pre-rainy season	: 39.1	Post-rainy dry season	: 38.5
Rainy season	: 317.6	Winter rainy season	: -
Post-rainy season	: 55.0	Dry season	: -

Annual: 450.2

TABLE 63

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT PATIALA

Std.	>5 mm			>10 mm			>20 mm			Mean
Wk.	W	W/W	W/D	W	W/W	W/D	W	W/W	W/D	(mm)
				P R E - R A I N Y S E A S O N						
21	.31	.20	.09	.19	.33	.00	.06	.00	.00	5.8
22	.25	.50	.25	.19	.33	.15	.00	.00	.06	3.2
23	.25	.00	.33	.19	.00	.23	.13	.00	.00	8.5
24	.13	.00	.29	.06	.00	.20	.06	.00	.13	2.2
25	.25	.25	.08	.13	.00	.07	.06	.00	.07	4.6
				R A I N Y S E A S O N						
26	.50	.25	.25	.44	.29	.00	.38	.17	.00	22.4
27	.63	.50	.50	.56	.44	.43	.50	.50	.25	45.9
28	.81	.54	1.00	.81	.46	1.00	.69	.45	.60	98.0
29	.75	1.00	.25	.63	1.00	.50	.44	.71	.67	33.9
30	.56	.67	.86	.56	.56	.71	.50	.38	.50	31.4
31	.94	.60	.00	.81	.62	.33	.75	.58	.25	54.2
32	.81	1.00	.67	.75	.83	.75	.69	.73	.80	58.0
33	.75	.75	1.00	.75	.67	1.00	.69	.55	1.00	64.6
34	.75	.83	.50	.69	.82	.60	.69	.73	.60	53.8
35	.81	.77	.67	.50	.75	.63	.44	.71	.67	35.4
36	.50	.88	.75	.50	.75	.25	.44	.71	.22	31.6
37	.63	.60	.33	.44	.71	.33	.25	.50	.42	29.2
38	.38	.50	.70	.25	.50	.42	.25	.25	.25	29.2
39	.50	.50	.25	.50	.38	.13	.38	.50	.10	31.7
				P R Y S E A S O N						
40	.19	.67	.46	.19	.67	.46	.13	1.00	.29	15.4
41	.13	.50	.14	.13	.50	.14	.13	.50	.07	11.1
42	.00	.00	.13	.00	.00	.13	.00	.00	.13	o.o
43	.06	.00	.00	.06	.00	.00	.00	.00	.00	0,8
44	.13	.00	.07	.06	.00	.07	.06	.00	.00	1.6
45	.06	.00	.13	.06	.00	.07	.00	.00	.06	1.0
46	.00	.00	.06	.00	.00	.06	.00	.00	.00	0.0
47	.19	.00	.00	.00	.00	.00	.00	.00	.00	1.4

...Table continued

Std. Wk.	>5 mm W	>5 mm W/W	>5 mm W/D	>10 mm W	>10 mm W/W	>10 mm W/D	>20 mm W	>20 mm W/W	>20 mm W/D	Mean (mm)
48	.06	1.00	.13	.06	.00	.00	.06	.00	.00	4.1
49	.06	.00	.06	.00	.00	.06	.00	.00	.06	0.7
50	.19	.00	.08	.13	.00	.00	.06	.00	.00	3.7
51	.13	.00	.21	.13	.00	.14	.00	.00	.06	2.4
				W I N T E R		R A I N S				
52	.19	.33	.08	.06	.00	.13	.00	.00	.00	2.2
1	.31	.00	.00	.06	.00	.00	.06	.00	.00	4.6
2	.44	.57	.11	.31	.00	.09	.13	.00	.07	8.1
3	.25	.25	.50	.18	.33	.31	.13	.50	.07	5.8
4	.31	.20	.27	.31	.20	.18	.19	.33	.08	7.5
5	.56	.33	.29	.38	.33	.30	.31	.20	.18	23.0
6	.38	.83	.40	.25	.75	.25	.13	1.00	.21	7.1
7	.19	.33	.38	.06	.00	.27	.00	.00	.13	2.4
8	.19	.00	.23	.13	.00	.07	.13	.00	.00	4.7
9	.31	.20	.18	.25	.25	.08	.00	.00	.13	3.6
10	.19	.33	.31	.19	.33	.23	.19	.00	.00	9.2
11	.13	.00	.21	.13	.00	.21	.06	.00	.20	3.6
12	.19	.00	.15	.19	.00	.15	.13	.00	.07	5.3
				D R Y		S E A S O N				
13	.13	.50	.14	.13	.50	.14	.06	1.00	.07	2.7
14	.06	.00	.13	.00	.00	.13	.00	.00	.06	0.7
15	.13	.00	.07	.13	.00	.00	.06	.00	.00	2.9
16	.13	.00	.14	.00	.00	.13	.00	.00	.06	1.3
17	.00	.00	.13	.00	.00	.00	.00	.00	.00	0.0
18	.06	.00	.00	.00	.00	.00	.00	.00	.00	0.6
19	.25	.25	.00	.13	.00	.00	.06	.00	.00	3.5
20	.13	.00	.29	.06	.00	.13	.00	.00	.06	1.6

Rainfall: (mm)

Pre-rainy season : 24.3

Rainy season : 619.3

Post-rainy season : -

Post-rainy dry season: 42.2

Winter rainy season : 87.1

Dry season : 13.3

Annual: 786.2

TABLE 64

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT POONA

Std. Wk.	> 5 mm W	> 5 mm W/W	> 5 mm W/D	> 10 mm W	> 10 mm W/W	> 10 mm W/D	≥ 20 mm W	≥ 20 mm W/W	≥ 20 mm W/D	Mean (mm)
				PRE-RAINY SEASON						
17	.29	.26	.19	.18	.25	.19	.14	.33	.07	6.1
18	.21	.21	.13	.20	.23	.08	.11	.00	.07	7.1
19	.15	.50	.23	.11	.43	.19	.06	.25	.11	3.2
20	.27	.44	.31	.21	.43	.27	.12	.13	.26	7.0
21	.35	.39	.33	.30	.35	.28	.24	.19	.20	11.8
22	.35	.70	.51	.30	.55	.43	.20	.38	.34	11.2
23	.58	.68	.68	.47	.74	.49	.35	.48	.33	22.3
24	.68	.64	.71	.61	.50	.58	.38	.40	.46	23.9
25	.67	.70	.59	.53	.66	.61	.44	.48	.41	28.6
26	.67	.89	.91	.64	.81	.71	.44	.66	.62	36.0
27	.89	.81	.71	.77	.75	.87	.64	.64	.54	45.6
28	.80	.91	.85	.77	.78	.73	.61	.60	.62	38.8
29	.89	.97	.43	.77	.86	.47	.61	.68	.46	39.6
30	.91	.93	1.00	.77	.82	.73	.59	.64	.67	44.5
31	.94	.85	.75	.80	.66	.46	.65	.42	.26	39.7
32	.85	.71	.50	.62	.54	.48	.36	.50	.21	21.4
33	.68	.76	.62	.52	.53	.47	.32	.38	.33	21.3
34	.71	.68	.42	.50	.55	.27	.35	.52	.16	17.3
35	.61	.68	.50	.41	.59	.33	.29	.26	.23	18.4
36	.61	.53	.62	.44	.45	.32	.24	.31	.20	17.3
37	.56	.76	.76	.38	.68	.68	.23	.67	.55	12.4
38	.76	.66	.63	.68	.60	.57	.58	.58	.29	45.4
39	.65	.58	.57	.59	.59	.52	.45	.47	.42	43.3
40	.58	.58	.46	.56	.57	.38	.44	.41	.38	27.3
41	.53	.40	.45	.48	.28	.38	.39	.23	.28	21.6
42	.42	.39	.21	.33	.23	.16	.26	.18	.10	17.3
43	.29	.32	.19	.18	.42	.13	.12	.25	.14	9.9
44	.23	.27	.29	.18	.17	.20	.15	.20	.11	10.8
45	.29	.6	.17	.20	.38	.15	.12	.50	.03	8.8

...Table continued

Std. Wk.	> 5 mm W	> 5 mm W/W	> 5 mm W/D	> 10 mm W	> 10 mm W/W	> 10 mm W/D	> 20 mm W	> 20 mm W/W	> 20 mm W/D	Mean (mm)
46	.20	.38	.19	.20	.38	.15	.09	.33	.07	4.8
47	.23	.20	.02	.20	.15	.02	.09	.00	.02	8.6
				D R Y S E A S O N						
48	.06	.00	.05	.05	.00	.02	.02	.00	.02	1.5
49	.05	.33	.06	.02	.00	.05	.02	.00	.03	0.8
50	.08	.40	.03	.05	.67	.03	.03	.50	.03	1.7
51	.06	.00	.00	.06	.00	.00	.05	.00	.00	2.2
52	.00	.00	.05	.00	.00	.02	.00	.00	.00	0.0
1	.05	.00	.03	.02	.00	.00	.00	.00	.00	0.5
2	.03	.00	.02	.00	.00	.02	.00	.00	.00	0.2
3	.02	.00	.02	.02	.00	.02	.00	.00	.02	0.2
4	.02	.00	.02	.02	.00	.02	.02	.00	.02	0.5
5	.02	.00	,00	.02	.00	.00	.02	.00	.00	0.4
6	.00	.00	.02	.00	.00	.02	.00	.00	.00	0.0
7	.02	.00	.00	.02	.00	.00	.00	.00	.00	0.2
8	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.1
9	.00	.00	.05	.00	.00	.03	.00	.00	.02	0.0
10	.05	.00	.03	.03	.00	.03	.02	.00	.02	0.8
11	.03	.00	.03	.03	.00	.00	.02	.00	.00	0.8
12	.03	.00	.14	.00	.00	.06	.00	.00	.03	0.4
13	.14	.22	.07	.06	.00	.05	.03	.00	.02	2.1
14	.09	.33	.20	.05	.00	.17	.02	.00	.03	1.6
15	.21	.14	.10	.17	.00	.09	.03	.00	.02	3.4
16	.11	.71	.24	.08	.60	.15	.02	.00	.14	2.4

Rainfall: (mm)

Pre-rainy season : 46.4

Rainy season : 564.7

Post-rainy season : 60.2

Post-rainy dry season : -

Winter rainy season : -

Dry season : 19.8

Annual : 691.1

TABLE 65

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT RAJKOT

Std. wk.	> 5 mm W	> 5 mm W/W	> 5 mm W/D	> 10 mm W	> 10 mm W/W	> 10 mm W/D	> 20 mm W	> 20 mm W/W	> 20 mm W/D	Mean (mm)
				RAINY SEASON						
24	.54	.13	.15	.46	.08	.13	.36	.10	.06	25.1
25	.57	.69	.33	.43	.67	.31	.32	.44	.32	24.9
26	.54	.80	.31	.50	.57	.29	.46	.54	.13	30.5
27	.79	.59	.33	.79	.54	.33	.68	.53	.33	86.2
28	.57	.88	.67	.54	.87	.69	.46	.85	.53	77.2
29	.79	.64	.33	.61	.59	.45	.46	.46	.47	47.1
30	.82	.87	.40	.79	.73	.17	.64	.61	.20	70.9
31	.75	.95	.43	.71	.90	.50	.57	.81	.42	59.7
32	.75	.86	.43	.64	.83	.50	.46	.69	.47	49.6
33	.75	.71	.86	.43	.67	.63	.39	.64	.35	38.2
34	.50	.79	.71	.43	.58	.31	.36	.50	.33	29.3
35	.57	.69	.25	.46	.77	.13	.43	.58	.19	26.6
				POST-RAINY SEASON						
36	.43	.58	.56	.39	.55	.41	.32	.44	.42	30.1
37	.43	.58	.31	.25	.71	.29	.21	.50	.27	15.3
38	.57	.38	.50	.43	.33	.19	.25	.29	.19	27.9
39	.43	.67	.50	.39	.55	.35	.36	.30	.22	14.6
40	.21	.83	.32	.18	.60	.35	.07	.50	.35	9.2
41	.25	.57	.10	.25	.43	.10	.14	.50	.00	14.4
				DRY SEASON						
42	.11	.67	.20	.07	1.00	.19	.04	1.00	.11	4.6
43	.04	.00	.11	.04	.00	.07	.00	.00	.04	0.9
44	.04	.00	.04	.04	.00	.04	.04	.00	.00	1.2
45	.07	.50	.00	.07	.50	.00	.07	.50	.00	1.9
46	.04	.00	.07	.04	.00	.07	.00	.00	.07	0.8
47	.07	.00	.04	.04	.00	.04	.00	.00	.00	0.9
48	.07	.50	.04	.07	.50	.00	.00	.00	.00	1.1
49	.00	.00	.07	.00	.00	.07	.00	.00	.00	0.1

...Table continued

Std. Wk.	> 5 mm W	> 5 mm W/W	> 5 mm W/D	> 10 mm W	> 10 mm W/W	> 10 mm W/D	> 20 mm W	> 20 mm W/W	> 20 mm W/D	Mean (mm)
50	.04	.00	.00	.04	.00	.00	.04	.00	.00	1.0
51	.00	.00	.04	.00	.00	.04	.00	.00	.04	0.0
52	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
1	.04	.00	.00	.00	.00	.00	.00	.00	.00	0.7
2	.04	.00	.04	.00	.00	.00	.00	.00	.00	0.2
3	.00	.00	.04	.00	.00	.00	.00	.00	.00	0.1
4	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
5	.00	.00	.00	.00	.00	.00	.00	.00	.00	0,2
6	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
7	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
8	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.2
9	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
10	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.1
11	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.2
12	.07	.00	.00	.04	.00	.00	.04	.00	.00	1.4
13	.00	.00	.07	.00	.00	.04	.00	.00	.04	0.1
14	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
15	.04	.00	.00	.04	.00	.00	.04	.00	.00	0.7
16	.07	.00	.04	.04	.00	.04	.04	.00	.04	2.2
17	.00	.00	.07	.00	.00	.04	.00	.00	.04	0.1
18	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
19	.04	.00	.00	.04	.00	.00	.04	.00	.00	1.0
20	.07	.50	.00	.04	.00	.04	.00	.00	.04	1.0
21	.00	.00	.07	.00	.00	.04	.00	.00	.00	0.0
22	.14	.00	.00	.04	.00	.00	.00	.00	.00	1.6
23	.14	.50	.08	.11	.33	.00	.07	.00	.00	5.3

Rainfall: (mm)

Pre-rainy season	: -	Post-rainy dry season	: 27.6
Rainy season	: 565.3	Winter rainy season	: -
Post-rainy season	: 111.4	Dry season	: -

Annual: 704.3

TABLE 66

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT RAICHUR

Std. Wk.	> 5 mm W	W/W	W/D	> 10 mm W	W/W	W/D	> 20 mm W	W/W	W/D	Mean (mm)
				P R E - R A I N Y S E A S O N						
13	.17	.17	.18	.12	.00	.10	.04	.00	.03	3.2
14	.17	.08	.21	.09	*.00*	.14	*.03*	.00	.01	2.7
15	.19	.15	.16	.13	.22	.10	.01	.00	.04	4.4
16	.16	.45	.22	.12	.38	.13	.04	.33	.06	3.4
17	.26	.28	.29	.16	.27	.21	.07	.20	.08	4.7
18	.29	.25	.20	.22	.20	.09	.09	.00	.02	6.3
19	.22	.27	.30	.12	.25	.18	.01	1.00	.07	3.1
20	.29	.50	.35	.19	.31	.29	.09	.17	.16	6.4
21	.39	.56	.38	.29	.40	.31	.16	.36	.21	12.1
				R A I N Y S E A S O N						
22	.45	.71	.61	.33	.78	.46	.23	.38	.36	13.5
23	.65	.73	.50	.57	.56	.37	.36	.40	.25	21.1
24	.65	.82	.71	.48	.79	.58	.30	.48	.42	16.6
25	.78	.72	.80	.68	.64	.73	.43	.50	.38	23.7
26	.74	.80	.61	.67	.63	.48	.43	.60	.28	27.9
27	.75	.85	.65	.58	.73	.48	.42	.48	.33	27.8
28	.80	.76	.79	.62	.79	.62	.39	.48	.45	21.8
29	.77	.79	.81	.72	.68	.79	.46	.53	.46	28.1
30	.80	.80	.64	.71	.71	.35	.49	.47	.34	35.2
31	.77	.70	.38	.61	.67	.33	.41	.50	.24	26.2
32	.62	.79	.73	.54	.73	.66	.35	.54	.42	21.3
33	.77	.75	.44	.70	.63	.33	.46	.44	.32	31.6
34	.68	.74	.59	.54	.62	.47	.38	.54	.35	30.2
35	.75	.65	.57	.55	.58	.55	.42	.55	.40	32.5
36	.62	.72	.62	.57	.67	.47	.46	.53	.43	29.6
37	.68	.83	.68	.58	.78	.66	.48	.64	.64	33.8
38	.78	.91	.80	.72	.80	.63	.64	.73	.48	45.9
39	.88	.64	.50	.75	.56	.41	.64	.45	.24	41.9
40	.62	.53	.42	.52	.44	.39	.38	.35	.28	27.2
41	.49	.44	.37	.42	.34	.38	.30	.38	.21	22.3
				P O S T - R A I N Y S E A S O N						
42	.41	.43	.32	.36	.32	.23	.26	.28	.18	17.2
43	.36	.48	.20	.26	.28	.22	.20	.29	.16	13.6
44	.30	.38	.25	.23	.31	.25	.19	.15	.11	15.5
45	.29	.15	.14	.26	.17	.08	.12	.25	.05	7.6

...Table continued

Std. Wk.	> 5 mm W	W/W	W/D	> 10 mm W	W/W	W/D	> 20 mm W	W/W	W/D	Mean (mm)
				DRY SEASON						
46	.14	.30	.10	.10	.14	.05	.07	.00	.05	4.5
47	.13	.22	.10	.06	.00	.08	.04	.00	.03	2.6
48	.12	.13	.02	.07	.20	.00	.03	.50	.00	2.1
49	.03	.00	.07	.01	.00	.07	.01	.00	.03	1.7
50	.07	.00	.02	.07	.00	.00	.03	.00	.00	1.8
51	.01	.00	.04	.00	.00	.03	.00	.00	.00	0.2
52	.04	.00	.00	.03	.00	.00	.00	.00	.00	0.6
1	.00	.00	.03	.00	.00	.00	.00	.00	.00	0.2
2	.03	.00	.03	.00	.00	.03	.00	.00	.01	0.3
3	.03	.00	.01	.03	.00	.00	.01	.00	.00	0.8
4	.01	.00	.09	.00	.00	.06	.00	.00	.04	0.3
5	.09	.00	.06	.06	.00	.03	.04	.00	.00	1.9
6	.06	.00	.03	.03	.00	.01	.00	.00	.01	0.7
7	.03	.50	.04	.01	.00	.04	.01	.00	.04	0.7
8	.06	.00	.06	.04	.00	.06	.04	.00	.03	2.3
9	.06	.00	.03	.06	.00	.03	.03	.00	.01	1.7
10	.03	.00	.07	.03	.00	.01	.01	.00	.00	0.6
11	.07	.00	.03	.01	.00	.01	.00	.00	.00	0.7
12	.03	.00	.18	.01	.00	.12	.00	.00	.04	0.4

Rainfall: (mm)

Pre-rainy season : 46.3

Rainy season : 558.2

Post-rainy season : 53.9

Post-rainy dry season: -

Winter rainy season : —

Dry season : 24.1

Annual: 682.5

TABLE 50

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT RAIPUR

Std. wk.	> 5 mm W	W/W	W/D	> 10 mm W	W/W	W/D	> 20 mm W	W/W	W/D	Mean (mm)
				PRE-RAINY SEASON						
4	.15	.30	.21	.10	.14	.16	.04	.33	.08	4.0
5	.22	.27	.21	.16	.18	.19	.09	.00	.07	5.8
6	.22	.47	.15	.19	.23	.15	.06	.00	.09	5.5
7	.22	.53	.25	.16	.55	.16	.09	.33	.13	4.6
8	.31	.43	.13	.22	.27	.17	.15	.20	.03	7.4
9	.22	.07	.09	.19	.08	.06	.06	.00	.06	4.5
10	.09	.33	.23	.06	.50	.17	.06	.50	.06	2.2
11	.24	.31	.19	.19	.31	.16	.09	.00	.11	5.1
12	.22	.53	.25	.19	.31	.16	.10	.14	.08	6.3
13	.31	.24	.15	.19	.23	.09	.09	.00	.02	6.4
14	.18	,33	.23	.12	.38	.12	.02	.00	.03	2.9
15	.25	.47	.14	.15	.40	.09	.03	.00	.08	4.3
16	.22	.20	.11	.13	.00	.02	.07	.00	.00	5.2
17	.13	.44	.14	.02	1.00	.13	.00	.00	.07	1.6
18	.18	.33	.14	.15	.40	.09	.07	.40	.02	4.5
19	.18	.08	.23	.13	.00	.17	.04	.00	.11	3.7
20	.21	.50	.19	.15	.10	.14	.10	.00	.07	4.8
21	.25	.53	.24	.13	.33	.22	.06	.50	.09	4.8
22	.31	.67	.34	.24	.69	.27	.12	.50	.27	8.9
23	.44	.90	.79	.37	.84	.70	.29	.70	.48	18.5
				RAINY SEASON						
24	.84	.97	.82	.75	.92	.77	.54	.76	.74	57.3
25	.94	.95	1.00	.88	.92	.88	.75	.86	.77	61.0
26	.96	1.00	1.00	.21	.95	.83	.84	.88	.91	84.5
27	1.00	.94	.00	.94	.92	1.00	.88	.82	1.00	85.7
28	.94	.94	1.00	.93	.91	.80	.84	.84	.73	86.4
29	.94	.98	1.00	.90	.98	1.00	.82	.95	1.00	72.1
30	.99	.96	1.00	.99	.91	1.00	.96	.88	1.00	90.0
31	.96	.94	1.00	.91	.94	1.00	.88	.85	1.00	98.7

...Table continued

Std. Wk.	>5 mm W	W/W	W/D	>10 mm W	W/W	W/D	>20 mm W	W/W	W/D	Mean (mm)
32	.94	.92	1.00	.94	.89	1.00	.87	.83	.78	76.9
33	.93	.97	1.00	.90	.92	.86	.82	.88	.92	76.1
34	.97	.86	1.00	.91	.82	.83	.88	.73	.75	82.4
35	.87	.93	.89	.82	.91	.83	.74	.84	.78	74.4
36	.93	.87	.40	.90	.84	.57	.82	.71	.67	70.0
37	.84	.74	.64	.81	.67	.54	.71	.54	.45	59.4
38	.72	.69	.53	.65	.57	.54	.52	.46	.39	48.2
39	.65	.66	.29	.56	.66	.27	.43	.48	.23	26.3
40	.53	.50	.19	.49	.46	.14	.34	.30	.13	24.8
				P O S T - R A I N Y S E A S O N						
41	.35	.54	.16	.29	.40	.17	.19	.23	.15	10.7
42	.29	.15	.17	.24	.13	.17	.16	.09	.12	10.3
43	.16	.09	.23	.16	.09	.16	.12	.00	.12	5.0
44	.21	.07	.06	.15	,00	.05	.10	.00	.05	6.6
				D R Y S E A S O N						
45	,0.6	.00.	.08	.04	.00	.05	.04	.00	.03	2.7
46	.07	.40	.14	.04	.00	.06	.03	.00	.05	1.8
47	.16	.27	.05	.06	.25	.05	.04	.33	.02	2.5
48	.09	.00	.03	.06	.00	.03	.03	.00	.02	1.6
49	.03	.00	.05	.03	.00	.03	.02	.00	.00	0.7
50	.04	.00	.05	.03	.00	.02	.00	.00	.02	0.8
51	.04	.33	.03	.02	.00	.03	.02	.00	.03	0.8
52	.04	.00	.14	.03	.00	.11	.03	.00	.03	1.4
1	.15	.40	.07	.10	.00	.05	.03	.00	.03	2.4
2	.12	.13	.10	.04	.33	.05	.03	.50	.03	1.9
3	.10	.43	.12	.06	.50	.08	.04	.33	.03	2.0

Rainfall: (mm)

Pre-rainy season : 111.0

Rainy season :1174.2

Post-rainy season : 32.6

Post-rainy dry season: 18.6

Winter rainy season : -

Dry season : -

Annual: 1336.4

TABLE 68

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT RAMANATHAPURAM

Std. Wk.	> 5 mm W	W/W	W/D	> 10 mm W	W/W	W/D	> 20 mm W	W/W	W/D	Mean (mm)
				P R E - R A I N Y S E A S O N						
26	.15	.10	.17	.06	.25	.11	.01	1.00	.04	1.8
27	.16	.27	.18	.12	.13	.12	.06	.25	.08	3.5
28	.19	.23	.24	.12	.25	.17	.09	.00	.08	5.7
29	.24	.25	.19	.18	.33	.13	.07	.40	.10	5.4
30	.21	.29	.17	.16	.27	.14	.12	.13	.05	7.3
31	.19	.08	.29	.16	.09	.18	.06	.00	.11	4.0
32	.25	.29	.43	.16	.36	.35	.10	.00	.20	6.2
33	.40	.59	.29	.35	.42	.20	.18	.25	.20	10.4
34	.41	.50	.38	.28	.37	.31	.21	.21	.19	10.3
35	.43	.21	.23	.32	.14	.17	.19	.08	.13	13.0
36	.22	.40	.28	.16	.36	.28	.12	.38	.13	7.5
37	.31	.62	.38	.29	.45	.21	.16	.36	.14	9.3
38	.46	.42	.41	.28	.21	.35	.18	.17	.18	10.3
39	.41	.64	.45	.31	.52	.45	.18	.25	.38	10.9
				R A I N Y S E A S O N						
40	.53	.69	.44	.47	.63	.31	.35	.58	.30	18.9
41	.57	.90	.76	.46	.77	.65	.40	.74	.54	32.0
42	.84	.88	.91	.71	.77	.80	.62	.64	.73	53.7
43	.88	.85	.75	.78	.79	.73	.68	.65	.73	63.1
44	.84	.89	.64	.78	.83	.73	.68	.80	.68	67.5
45	.85	.69	.70	.81	.67	.62	.76	.60	.56	69.2
46	.69	.81	.76	.66	.80	.65	.59	.73	.43	51.9
47	.79	.78	.79	.75	.75	.76	.60	.71	.52	52.0
48	.78	.68	.73	.75	.61	.53	.63	.60	.40	54.5
49	.69	.47	.43	.59	.38	.36	.53	.28	.31	48.6
50	.46	.71	.41	.37	.68	.33	.29	.70	.25	24.4
51	.54	.41	.35	.46	.42	.24	.38	.31	.19	24.5

...„Table continued

Std. Wk.	>5 mm W	W/W	W/D	>10 mm W	W/W	W D	>20 mm W	W/W	W/D	Mean (mm)
				P O S T - R A I N Y S E A S O N						
52	.38	.35	.43	.32	.36	.33	.24	.19	.27	17.6
1	.40	.41	.32	.34	.22	.18	.25	.29	.12	20.1
2	.35	.38	.18	.19	.38	.16	.16	.27	.07	17.2
3	.25	.35	.12	.21	.14	.09	.10	.29	.08	7.4
4	.18	.17	.16	.10	.14	.15	.10	.00	.03	5.8
5	.16	.18	.18	.15	.10	.09	.03	.00	.09	3.2
6	.18	.50	.07	.09	.17	.10	.09	.17	.06	7.0
7	.15	.30	.22	.10	.43	.13	.07	.00	.10	3.3
8	.24	.25	.17	.16	.09	.12	.09	.17	.11	6.2
9	.19	.23	.05	.12	.13	.05	.12	.00	.03	4.5
10	.09	.00	.21	.06	.00	.19	.03	.00	.14	1.9
11	.19	.23	.09	.18	.17	.11	.13	.11	.10	7.5
12	.12	.50	.30	.12	.25	.22	.10	.14	.18	4.3
13	.32	.32	.28	.22	.27	.21	.18	.17	.13	10.0
14	.29	.35	.35	.22	.40	.26	.13	.22	.17	8.4
15	.35	.46	.32	.29	.45	.23	.18	.33	.20	14.2
16	.37	.24	.23	.29	.30	.21	.22	.27	.15	16.8
17	.24	.31	.25	.24	.25	.23	.18	.25	.11	13.1
18	.26	.28	.32	.24	.25	.21	.13	.00	.17	8.1
19	.31	.52	.23	.22	.40	.21	.15	.30	.10	8.2
20	.32	.05	.15	.25	.00	.12	.13	.00	.08	8.7
				D R Y S E A S O N						
21	.12	.13	.13	.09	.00	.08	.07	.00	.03	4.4
22	.13	.33	.10	.07	.20	.05	.03	.00	.02	2.3
23	.13	.11	.15	.06	.25	.06	.01	.00	.04	1.7
24	.15	.10	.05	.07	.00	.03	.04	.00	.02	3.0
25	.06	.00	.16	.03	.00	.06	.01	.00	.01	1.4

Rainfall: (mm)

Pre-rainy season : 105.6

Rainy season : 560.3

Post-rainy season : 193.5

Post-rainy dry season: 12.8

Winter rainy season : -

Dry season : -

Annual: 872.2

TABLE 69

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT REWA

Std. Wk.	>5 mm W	W/W	W/D	>10 mm W	W/W	W/D	>20 mm W	W/W	W/D	Mean (mm)
				P R E - R A I N Y S E A S O N						
22	.21	.80	.26	.13	.33	.29	.00	.00	.21	2.6
23	.38	.56	.40	.29	.71	.24	.21	.80	.16	12.4
				R A I N Y S E A S O N						
24	.46	.55	.77	.38	.44	.40	.29	.43	.29	14.7
25	.67	.88	.88	.42	.80	.71	.33	.63	.56	27.0
26	.88	1.00	.67	.75	.89	.83	.58	.79	.90	62.8
27	.96	.96	1.00	.88	.91	1.00	.83	.85	.75	65.3
28	.96	.96	1.00	.92	.96	1.00	.83	.85	.75	77.9
29	.96	.91	1.00	.96	.87	1.00	.83	.85	.50	98.3
30	.92	.96	1.00	.88	.86	1.00	.79	.84	.60	76.9
31	.96	.96	1.00	.88	1.00	.67	.79	.95	.60	92.4
32	.96	1.00	1.00	.96	.96	1.00	.88	.95	1.00	82.0
33	1.00	.96	.00	.96	.91	1.00	.96	.78	1.00	81.4
34	.96	1.00	.00	.92	.86	.30	.79	.68	.60	64.7
35	.96	.91	.00	.83	1.00	.25	.67	.88	.63	48.3
36	.88	.81	.67	.88	.76	.67	.79	.63	.60	64.1
37	.79	.63	.40	.75	.50	.50	.63	.47	.44	56.7
38	.58	.64	.40	.50	.50	.50	.46	.55	.39	28.5
39	.54	.46	.36	.50	.42	.33	.46	.27	.31	20.4
				P O S T - R A I N Y S E A S O N						
40	.42	.40	.21	.38	.41	.13	.29	.43	.12	13.1
41	.29	.43	.18	.25	.17	.17	.21	.00	.11	7.9
42	.25	.17	.00	.17	.00	.00	.08	.00	.00	3.5
				D R Y S E A S O N						
43	.04	.00	.09	.00	.00	.Q8	.00	.00	.08	0.3
44	.08	.00	.09	.08	.00	.09	.08	.00	.05	5.8
45	.08	.00	.00	.08	.00	.00	.04	.00	.00	4.5
46	.00	.00	.04	.00	.00	.04	.00	.00	.04	0.2

...Table continued

Std. Wk.	>5 mm W	W/W	W/D	> 10 mm W	W/W	W/D	> 20 mm W	W/W	W/D	Mean (mm)
47	.04	1.00	.00	.04	1.00	.00	.04	1.00	.00	2.6
48	.04	.00	.09	.04	.00	.04	.04	.00	.00	0.9
49	.08	.00	.09	.04	.00	.09	.00	.00	.00	1.2
50	.08	.00	.09	.08	.00	.05	.00	.00	.00	1.2
51	.08	.00	.09	.04	.00	.09	.00	.00	.00	1.0
52	.08	.00	.18	.08	.00	.09	.00	.00	.04	1.7
				W I N T E R R A I N S						
1	.17	.75	.10	.08	.50	.09	.04	.00	.04	2.7
2	.21	.20	.21	.13	.00	.19	.04	.00	.09	3.2
3	.21	.60	.21	.17	.00	.20	.08	.00	.14	5.0
4	.29	.29	.12	.17	.25	.15	.13	.33	.05	7.2
5	.17	.25	.16	.17	.00	.10	.08	.00	.05	4.1
6	.17	.25	.16	.08	.00	.09	.04	.00	.04	2.4
7	.17	.50	.35	.08	.00	.32	.04	.00	.13	2.1
8	.38	.56	.07	.29	.43	.12	.13	.33	.05	9.9
9	.25	.33	.11	.21	.20	.11	.08	.50	.00	4.9
10	.17	.25	.10	.13	.00	.00	.04	.00	.00	2.4
				D R Y S E A S O N						
11	.13	.67	.10	.00	.00	.00	.00	.00	.00	1.1
12	.17	.50	.05	.00	.00	.08	.00	.00	.08	1.2
13	.13	.67	.10	.08	.50	.00	.08	.00	.00	4.3
14	.17	.00	.00	.04	.00	.00	.00	.00	.00	1.7
15	.00	.00	.08	.00	.00	.04	.00	.00	.04	0.0
16	.08	.00	.00	.04	.00	.00	.04	.00	.00	2.0
17	.00	.00	.08	.00	.00	.00	.00	.00	.00	0.0
18	.08	.00	.05	.00	.00	.04	.00	.00	.04	0.6
19	.04	.00	.04	.04	.00	.04	.04	.00	.04	1.6
20	.04	1.00	.09	.04	1.00	.04	.04	.00	.00	0.9
21	.13	.33	.19	.08	.00	.14	.00	.00	.00	1.3

Rainfall: (mm)

Pre-rainy season : 15.0

Rainy season : 961.4

Post-rainy season : 24.5

Post-rainy dry season: 19.4

Winter rainy season : 43.9

Dry season : 14.7

Annual: 1078.9

TABLE 70

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT SALEM

Std.	> 5 mm			> 10 mm			> 20 mm			Mean
wk.	W	W/W	W/D	W	W/W	W/D	W	W/W	W/D	(mm)
				PRE-RAINY SEASON						
13	.19	.08	.29	.12	.13	.18	.09	.17	.08	4.5
14	.25	.53	.39	.18	.42	.30	.09	.67	.24	7.0
15	.43	.62	.46	.32	.41	.44	.28	.32	.25	12.1
				RAINY SEASON						
16	.53	.64	.44	.43	.38	.33	.27	.11	.18	13.9
17	.54	.49	.58	.35	.33	.46	.16	.27	.21	13.7
18	.53	.67	.53	.41	.46	.38	.22	.27	.26	13.7
19	.60	.81	.70	.41	.79	.58	.27	.61	.46	19.0
20	.77	.71	.81	.66	.53	.61	.50	.44	.38	32.1
21	.74	.70	.61	.56	.50	.53	.41	.46	.30	23.2
22	.68	.54	.77	.52	.34	.61	.37	.20	.28	24.5
23	.62	.74	.69	.47	.53	.58	.25	.18	.43	15.0
24	.72	.59	.63	.56	.50	.47	.37	.12	.33	22.4
25	.60	.73	.56	.49	.61	.63	.25	.41	.35	18.7
26	.66	.69	.70	.62	.60	.50	.37	.32	.35	19.2
27	.69	.77	.95	.56	.50	.73	.34	.22	.40	19.7
28	.82	.80	.50	.60	.71	.44	.34	.61	.33	22.8
29	.75	.67	.65	.60	.56	.41	.43	.45	.33	22.4
30	.66	.73	.74	.50	.59	.65	.38	.39	.43	24.0
31	.74	.82	.83	.62	.71	.73	.41	.64	.63	23.3
32	.82	.80	.83	.72	.65	.79	.63	.56	.44	35.1
33	.81	.87	.77	.69	.81	.67	.52	.71	.58	32.6
34	.85	.86	.90	.77	.79	.88	.65	.55	.75	37.8
35	.87	.81	.44	.81	.69	.54	.62	.55	.27	38.0
36	.77	.79	.69	.66	.71	.65	.44	.53	.55	27.1
37	.77	.85	.75	.69	.70	.52	.54	.62	.52	36.6
38	.82	.82	.75	.65	.71	.67	.57	.54	.66	34.5
39	.81	.80	.62	.69	.70	.67	.59	.60	.61	37.6

...Table continued

Std. Wk.	> 5 mm W	W/W	W/D	> 10 mm W	W/W	W/D	> 20 mm W	W/W	W/D	Mean (mm)
40	.77	.90	.63	.69	.79	.52	.60	.66	.48	46.3
41	.84	.84	.46	.71	.77	.55	.59	.70	.54	40.3
42	.78	.74	.67	.71	.71	.50	.63	.61	.40	40.7
43	.72	.69	.74	.65	.71	.58	.53	.58	.31	34.0
44	.71	.71	.50	.66	.67	.30	.46	.55	.35	32.3
45	.65	.68	.33	.54	.54	.39	.44	.33	.42	28.4
46	.56	.58	.37	.47	.50	.28	.38	.35	.19	21.4
47	.49	.42	.34	.38	.39	.31	.25	.24	.22	14.2
				P O S T - R A I N Y S E A S O N						
48	.38	.54	.29	.34	.39	,24	.22	.27	.13	12.0
49	.38	.27	.14	.29	.30	.10	.16	.36	.05	12.1
50	.19	.31	.11	.16	.27	.07	.10	.00	.08	7.0
51	.15	.00	.12	.10	.00	.10	.07	.00	.05	3.2
				D R Y S E A S O N						
52	.10	.14	.13	.09	.00	.08	.04	.00	.03	5.2
1	.13	.22	.10	.07	.20	.06	.03	.00	.03	3.1
2	.12	.13	.05	.07	.00	.05	.03	.00	.03	2.8
3	.06	.25	.05	.04	.00	.05	.03	.00	.03	1.0
4	.06	.25	.08	.04	.22	.05	.03	.00	.03	1.2
5	.09	.00	.07	.06	.00	.05	.03	.00	.03	2.4
6	.06	.00	.05	.04	.00	.02	.03	.00	.00	1.7
7	.04	.00	.09	.02	.00	.09	.00	.00	.04	0.5
8	.09	.00	.08	.09	.00	.08	.04	.00	.06	2.7
9	.07	.00	.10	.07	.00	.08	.06	.00	.05	2.5
10	.09	.33	.10	.07	.20	.08	.04	.33	.02	1.9
11	.12	.13	.13	.09	.00	.13	.03	.00	.06	2.2
12	.13	.11	.20	.12	.13	.12	.06	.00	.09	4.5

Rainfall: (mm)

Pre-rainy season : 23.6

Rainy season :864.5

Post-rainy season : 34.3

Post-rainy dry season: 31.7

Winter rainy season : -

Dry season : -

Annual: 954.1

TABLE 71

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT SANGLY

Std.	≥5 mm			≥ 10 mm			≥20 mm			Mean
Wk.	W	W/W	W/D	W	W/W	W/D	W	W/W	W/D	(mm)
				PRE-RAINY SEASON						
13	.19	.17	.08	.09	.00	.07	.06	.00	.03	3.3
14	.16	.30	.17	.13	.00	.11	.06	.00	.07	3.8
15	.19	.00	.19	.09	.00	.14	.06	.00	.07	3.8
				RAINY SEASON						
16	.31	.25	.16	.27	.06	.11	.11	.14	.05	7.9
17	.30	.42	.27	.23	.27	.27	.13	.00	.13	7.5
18	.34	.32	.29	.25	.19	.25	.14	.00	.15	9.5
19	.30	.58	.24	.25	.56	.15	.11	.29	.12	5.9
20	.45	.38	.23	.38	.33	.20	.23	.27	.06	13.3
21	.48	.52	.39	.41	.38	.37	.27	.24	.23	14.2
22	.39	.56	.44	.33	.48	.37	.23	.27	.27	13.1
23	.53	.41	.37	.44	.36	.31	.27	.41	.17	17.0
24	.53	.56	.50	.44	.39	.47	.27	.29	.26	15.5
25	.59	.50	.58	.34	.45	.43	.16	.30	.26	10.8
26	.64	.61	.57	.47	.23	.44	.33	.14	.16	21.3
27	.80	.65	.62	.75	.48	.44	.50	.41	.25	27.2
28	.77	.82	.73	.66	.71	.82	.48	.58	.42	27.7
29	.86	.78	.67	.69	..68	.60	.52	.48	.48	27.4
30	.75	.88	.81	.59	.74	.62	.38	.67	.43	22.5
31	.84	.78	.60	.59	.63	.54	.39	.60	.23	25.2
32	.72	.85	.83	.55	.57	.62	.34	.41	.38	18.5
33	.61	.74	.68	.48	.65	.45	.25	.38	.33	15.4
34	.70	.60	.63	.58	.51	.44	.30	.37	.20	19.6
35	.52	.67	.74	.34	.73	.50	.11	.86	.23	12.4
36	.44	.64	.42	.23	.33	.35	.14	.22	.09	10.9
37	.53	.41	.47	.42	.22	.24	.33	.14	.14	20.9
38	.69	.55	.50	.52	.45	.39	.42	.37	.30	29.6

...Table continued

Std. Wk.	>5 mm W	>5 mm W/W	>5 mm W/D	>10 mm ~W	>10 mm W/W	>10 mm W/D	>20 mm W	>20 mm W/W	>20 mm W/D	Mean (mm)
39	.72	.70	.67	.64	.54	.48	.52	.45	.39	31.1
40	.70	.80	.53	.63	.70	.54	.48	.65	.39	28.6
41	.64	.76	.61	.53	.65	.60	.47	.43	.53	26.1
				P O S T - R A I N Y S E A S O N						
42	.44	.68	.61	.38	.50	.55	.36	.48	.46	17.8
43	.36	.61	.34	.31	.50	.32	.22	.50	.32	12.3
44	.30	.63	.24	.22	.36	.30	.16	.20	.22	12.7
45	.30	.36	.27	.25	.25	.21	.17	.18	.15	18.8
46	.28	.50	.21	.22	.36	.22	.19	.17	.17	17.1
47	.20	.38	.25	.11	.14	.23	.03	.50	.18	2.8
				D R Y S E A S O N						
48	.11	.57	.16	.06	.50	.08	.02	.00	.03	2.7
49	.05	.00	.11	.05	.00	.07	.05	.00	.02	2.3
50	.06	.25	.03	.03	.00	.05	.03	.00	.05	1.8
51	.11	.29	.04	.08	.00	.03	.03	. 00	.03	1.9
52	.06	.25	.10	.03	.00	.08	.02	.00	.03	1.1
1	.03	.00	.00	.03	.00	.00	.03	.00	.00	1.4
2	.02	.00	.03	.02	.00	.03	.00	.00	.02	1.0
3	.02	.00	.03	.02	.00	.02	.00	.00	.02	.2
4	.00	.00	.02	.00	.00	.02	.00	.00	.00	o.o
5	.03	.00	.00	.03	.00	.00	.03	.00	.00	0.7
6	.00	.00	.03	.00	.00	.03	.00	.00	.03	o.o
7	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
8	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
9	.02	.00	.00	.02	.00	.00	.02	.00	.00	0.4
10	.03	.00	.02	.03	.00	.02	.00	.00	.02	0.5
11	.06	.00	.03	.05	.00	.03	.02	.00	.00	2.0
12	.09	.00	.07	.06	.00	.05	.03	.00	.02	1.6

Rainfall: (mm)

Pre-rainy season	: 10.9	Post-rainy dry season	: 17.6
Rainy season	: 510.2	Winter rainy season	: -
Post-rainy season	: 81.5	Dry season	: -

Annual: 620.2

TABLE 72

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT SATARA

Std. Wk.	> 5 mm W	> 5 mm W/W	> 5 mm W/D	> 10 mm W	> 10 mm W/W	> 10 mm W/D	> 20 mm W	> 20 mm W/W	> 20 mm W/D	Mean (mm)
				PRE-RAINY SEASON						
14	.19	.71	.10	.14	.20	.03	.05	.00	.03	5.1
15	.22	.38	.38	.05	.50	.26	.03	.00	.11	3.5
16	.38	.43	.35	.27	.20	.19	.11	.00	.15	7.4
17	.38	.14	.22	.19	.29	.13	.14	.20	.06	7.0
18	.19	.43	.20	.16	.33	.19	.08	.00	.15	4.2
19	.24	.78	.36	.22	.75	.34	.14	.60	.19	6.4
20	.46	.35	.45	.43	.31	.38	.24	.33	.25	12.7
21	.41	.27	.32	.35	.23	.25	.27	.00	.19	19.9
22	.30	.64	.58	.24	.56	.43	.14	.00	.25	8.9
				RAINY SEASON						
23	.59	.73	.53	.46	.71	.45	.22	.25	.28	16.8
24	.65	.92	.69	.57	.81	.69	.27	.50	.63	22.0
25	.84	.90	.50	.76	.82	.44	.59	.59	.53	28.1
26	.84	.90	.67	.73	.81	.80	.57	.81	.75	68.4
27	.86	1.00	.80	.81	1.00	.71	.78	.93	.75	96.1
28	.97	.97	.00	.95	.86	.50	.89	.85	.50	118.5
29	.95	.94	.00	.84	.90	.50	.81	.77	.29	92.1
30	.89	.97	.75	.84	.90	.67	.68	.80	.67	66.7
31	.95	.94	.50	.86	.94	.80	.76	.89	.56	73.0
32	.92	.88	.67	.92	.76	.67	.81	.60	.43	53.3
33	.86	.81	.80	.76	.71	.67	.57	.67	.38	50.3
34	.81	.67	.71	.70	.65	.45	.54	.60	.18	29.2
35	.68	.76	.50	.59	.59	.40	.41	.53	.36	28.3
36	.68	.52	.50	.51	.53	.44	.43	.38	.33	28.6
37	.51	.53	.72	.49	.44	.68	.35	.46	.50	29.0
38	.62	.61	.71	.57	.62	.50	.49	.50	.37	31.9
39	.65	.63	.62	.57	.48	.63	.43	.50	.48	32.8
40	.62	.61	.64	.54	.60	.41	.49	.39	.32	43.6
41	.62	.70	.36	.51	.58	.33	.35	.23	.38	26.6
42	.57	.43	.25	.46	.35	.25	.32	.50	.12	22.9
				POST-RAINY SEASON						
43	.35	.62	.33	.30	.64	.27	.24	.44	.29	22.9
44	.43	.38	.29	.38	.29	.30	.32	.33	.24	16.9
45	.32	.50	.20	.30	.45	.15	.27	.10	.11	14.2
46	.30	.55	.12	.24	.44	.14	.11	.00	.15	8.9

...Table continued

Std. Wk.	> 5 mm W	W/W	W/D	> 10 mm W	W/W	W/D	> 20 mm W	W/W	W/D	Mean (mm)
47	.24	.00	.11	.22	.00	.07	.14	.00	.03	9.0
				DRY SEASON						
48	.08	.33	.03	.05	.50	.03	.03	.00	.06	1.9
49	.05	.00	.09	.05	.00	.09	.05	.00	.09	2.0
50	.08	.33	.09	.08	.33	.09	.08	.00	.06	4.9
51	.11	.00	.00	.11	.00	.00	.05	.00	.00	3.0
52	.00	.00	.03	.00	.00	.03	.00	.00	.00	0.1
1	.03	.00	.06	.03	.00	.06	.00	.00	.05	0.4
2	.05	.00	.00	.05	.00	.00	.05	.00	.00	1.7
3	.00	.00	.03	.00	.00	.03	.00	.00	.00	0.0
4	.03	.00	.00	.03	.00	.00	.00	.00	.00	0.4
5	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
6	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
7	.00	.00	.03	.00	.00	.03	.00	.00	.03	0.1
8	.03	.00	.00	.03	.00	.00	.03	.00	.00	0.7
9	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
10	.00	.00	.03	.00	.00	.03	.00	.00	.00	0.1
11	.03	1.00	.00	.03	1.00	.00	.00	.00	.03	0.4
12	.03	.00	.08	.03	.00	.08	.03	.00	.00	1.5
13	.08	1.00	.12	.08	.07	.09	.00	.00	.05	1.4

Rainfall: (mm)

Pre-rainy season	: 75.1	Post-rainy dry season	: -
Rainy season	: 958.2	Winter rainy season	: -
Post-rainy season	: 73.6	Dry season	: 18.6

Annual : 1125.5

TABLE 73

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT SHOLAPUR

Std. Wk.	> 5 mm W	W/W	W/D	> 10 mm W	W/W	W/D	>20 mm W	W/W	W/D	Mean (mm)
				PRE-RAINY SEASON						
19	.23	.0.0	.04	.10	.00	.04	.07	.00	.04	3.9
20	.33	.40	.15	.30	.22	.05	.17	.20	.04	7.9
21	.37	.45	.26	.37	.45	.21	.27	.25	.14	14.7
				RAINY SEASON						
22	.47	.50	.25	.37	.36	.37	.27	.25	.27	13.6
23	.77	.52	.29	.73	.41	.25	.63	.32	.18	31.0
24	.80	.79	.67	.60	.72	.75	.47	.64	.63	28.7
25	.73	.77	.88	.67	.45	.90	.53	.25	.71	28.1
26	.80	.71	.83	.53	.69	.64	.37	.64	.47	25.7
27	.70	.95	.44	.60	.61	.42	.33	.60	.25	23.4
28	.67	.60	.90	.53	.50	.71	.37	.18	.42	19.7
29	.77	.65	.71	.67	.55	.50	.63	.32	.45	39.0
30	.87	.81	.50	.87	.69	.50	• 70	.67	.56	41.6
31	.77	.96	.57	.67	.95	.70	.40	.92	.56	26.9
32	.60	.83	.67	.47	.64	.69	.30	.56	.33	27.0
33	.77	.70	.29	.60	.61	.25	.37	.36	.26	34.1
34	.60	.72	.83	.50,	.60	.60	.37	.45	.32	30.0
35	.73	.59	.63	.70	.48	.56	.57	.35	.38	46.2
36	.77	.78	.57	.63	.79	.55	.47	.79	.38	37.1
37	.67	.80	.70	.63	.58	.73	.47	.57	.38	41.2
38	.73	.68	.63	.67	.65	.60	.60	.44	.50	53.6
39	.73	.82	.50	.73	.73	.50	.63	.63	.55	49.2
40	.63	.79	.64	.53	.75	.71	.40	.75	.55	23.0
41	.53	.69	.57	.37	.64	.47	.33	.40	.40	24.0
42	.50	.67	.40	.43	.38	.35	.30	.11	.43	15.5
43	.47	.71	.31	.43	.62	.29	.27	.50	.23	18.0

...Table continued

Std. Wk.	>5 mm W	>5 mm W/W	>5 mm W/D	>10 mm W	>10 mm W/W	>10 mm W/D	>20 mm W	>20 mm W/W	>20 mm W/D	Mean (mm)
				P O S T - R A I N Y S E A S O N						
44	.13	.75	.42	.13	.75	.38	.10	.33	.26	6.8
45	.20	.17	.13	.17	.00	.16	.10	.00	.11	4.2
				D R Y S E A S O N						
46	.13	.25	.19	.06	.00	.18	.07	.00	.11	3.9
47	.03	1.00	.10	.03	.00	.07	.03	.00	.07	1.8
48	.10	.00	.04	.03	.00	.03	.00	.00	.03	1.2
49	.03	1.00	.07	.03	.00	.03	.03	.00	.00	0.7
50	.10	.00	.04	.10	.00	.04	.07	.00	.04	2.3
51	.10	.00	.11	.07	.00	.11	.07	.00	.07	2.1
52	.07	.50	.07	.07	.50	.04	.00	.00	.07	0.7
1	.07	.00	.00	.06	.00	.00	.07	.00	.00	2.4
2	.03	.00	.07	.03	.00	.07	.03	.00	.07	1.0
3	.00	.00	.03	.00	.00	.03	.00	.00	.03	0.1
4	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
5	.03	.00	.00	.03	.00	.00	.03	.00	.00	1.6
6	.03	.00	.03	.00	.00	.03	.00	.00	.03	0.2
7	.00	.00	.03	.00	.00	.00	.00	.00	.00	0.2
8	.00	.50	.00	.00	.00	.00	.00	.00	.00	0.5
9	.10	.00	.00	.07	.00	.00	.07	.00	.00	3.0
10	.03	.00	.10	.03	.00	.07	.00	.00	.07	0.5
11	.07	.50	.00	.03	1.00	.00	.03	.00	.00	1.5
12	.10	.00	.07	.03	.00	.03	.00	.00	.03	1.3
13	.07	.00	.11	.07	.00	.04	.00	.00	.00	1.0
14	.10	.00	.07	.00	.00	.07	.00	.00	.00	1.2
15	.23	.00	.13	.13	.00	.00	.07	.00	.00	4.4
16	.13	.25	.23	.03	.00	.14	.00	.00	.07	2.1
17	.17	.20	.12	.07	.00	.04	.03	.00	.00	2.4
18	.03	.00	.17	.03	.00	.07	.03	.00	.03	5.0

Rainfall: (mm)

Pre-rainy season : 26.5

Rainy season : 676.6

Post-rainy season : 11.0

Post-rainy dry season: 41.4

Winter-rainy season : -

Dry season : -

Annual: 755.2

TABLE 74

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT SIKAR

Std. Wk.	>5 mm W	>5 mm W/W	>5 mm W/D	>10 mm W	>10 mm W/W	>10 mm W/D	>20 mm W	>20 mm W/W	>20 mm W/D	Mean (mm)
				PRE-RAINY SEASON						
21	.15	.50	.41	.12	.33	.39	.04	.00	.32	2.3
22	.42	.73	.33	.38	.70	.25	.31	.63	.22	16.9
23	.50	.38	.46	.42	.45	.33	.35	.22	.24	20.8
24	.42	.73	.47	.38	.60	.44	.23	.33	.30	23.8
25	.58	.60	.27	.50	.62	.31	.31	.38	.33	20.4
				RAINY SEASON						
26	.46	.58	.57	.46	.58	.43	.35	.22	.41	24.6
27	.58	.60	.09	.50	.54	.15	.35	.56	.06	25.5
28	.38	.80	.44	.35	.78	.41	.23	.67	.35	17.8
29	.58	.73	.09	.54	.71	.08	.42	.45	.20	23.1
30	.46	.58	.07	.42	.64	.07	.31	50	.06	24.6
31	.31	.50	.50	.31	.50	.39	.19	.60	.33	12.9
32	.50	.69	.08	.42	.45	.20	.38	.20	.25	25.2
33	.38	.70	.19	.31	.75	.22	.23	.67	.20	18.2
34	.38	.70	.13	.38	.70	.06	.31	.63	.11	24.1
35	.35	.56	.18	.31	.50	.11	.27	.43	.11	15.0
36	.31	.63	.17	.23	.33	.25	.19	.20	.14	16.4
37	.31	.50	.33	.27	.43	.16	.15	.50	.09	9.8
				POST-RAINY SEASON						
38	.38	.50	.00	.23	.50	.05	.15	.25	.00	8.9
39	.19	.40	.00	.15	.25	.05	.04	.00	.08	4.8
40	.08	.00	.08	.08	.00	.08	.08	.00	.00	4.6
				DRY SEASON						
41	.08	.00	.04	.08	.00	.00	.00	.00	.00	1.1
42	.04	.00	.00	.00	.00	.00	.00	.00	.00	0.2
43	.00	.00	.04	.00	.00	.04	.00	.00	.04	0.2
44	.04	.00	.04	.04	.00	.04	.04	.00	.00	0.9
45	.04	.00	.04	.04	.00	.00	.00	.00	.00	0.6
46	.04	.00	.08	.00	.00	.08	.00	.00	.04	0.4
47	.08	.50	.04	.08	.05	.04	.04	.00	.04	1.3

...Table continued

Std.	>5 mm			>10 mm			>20 mm			Mean
Wk.	W	W/W	W/D	W	W/W	W/D	W	W/W	W/D	(mm)
48	.08	.50	.08	.08	.00	.04	.04	.00	.00	1.3
49	.12	.33	.04	.04	.00	.04	.00	.00	.04	1.0
50	.08	.50	.00	.04	1.00	.00	.04	.00	.00	8.4
51	.04	1.00	.12	.04	1.00	.08	.00	.00	.00	0.6
52	.15	.25	.14	.12	.00	.13	.00	.00	.04	2.7
1	.15	.25	.05	.12	.00	.04	.04	.00	.04	2.8
2	.08	.00	.17	.04	.00	.04	.04	,00	.00	1.4
3	.15	.25	.05	.04	1.00	.04	.00	.00	.04	1.9
4	.08	.00	.04	.08	.00	.00	.04	.00	.00	2.1
5	.04	.00	.12	.00	.00	.12	.00	.00	.00	0.6
6	.12	.33	.09	.12	.33	.00	.00	.00	.00	1.5
7	.12	.00	.00	.04	.00	.00	.00	.00	.00	1.4
8	.00	.00	.04	.00	.00	.04	.00	.00	.04	0.6
9	.04	.00	.12	.04	.00	.08	.04	.00	.04	2.4
10	.12	.00	.17	.08	.00	.17	.04	.50	.08	2.0
11	.15	.25	.18	.15	.25	.09	.08	.50	.04	6.4
12	.19	.40	.10	.12	.67	.04	.08	.00	.04	3.4
13	.15	.25	.14	.12	.33	.04	.08	.00	.00	3.4
14	.15	.25	.27	.08	.00	.21	.00	.00	.08	1.7
15	.27	.71	.26	.19	.60	.14	.08	.00	.17	5.5
16	.38	.50	.19	.23	.67	.15	.15	.50	.18	15.2
17	.31	.50	.28	.27	.29	.32	.23	.33	.10	15.0
18	.35	.67	.18	.31	.63	.17	.15	1.00	.09	10.7
19	.35	.78	.18	.31	.50	.17	.23	.50	.10	15.6
20	.38	.10	.19	.27	.14	.11	.19	.00	.05	12.8

Rainfall: (mm)

Pre-rainy season : 36.0

Rainy season : 360.8

Post-rainy season : 24.6

Post-rainy dry season: 45.7

Winter rainy season : -

Dry season : -

Annual: 467.1

TABLE 75

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT TIRUCHIRAPALLI

Std. Wk.	> 5 mm W	W/W	W/D	> 10 mm W	W/W	W/D	> 20 mm W	W/W	W/D	Mean (mm)
				PRE-RAINY SEASON						
14	.29	.55	.20	.20	.64	.18	.14	.10	.17	8.0
15	.30	.48	.31	.27	.47	.24	.16	.27	.20	8.7
16	.36	.36	.33	.30	.33	.29	.21	.33	.15	16.9
17	.34	.38	.24	.30	.33	.12	.19	.31	.12	15.7
18	.29	.55	.52	.19	.46	.44	.16	.45	.29	8.7
19	.53	.59	.61	.44	.48	.56	.31	.41	.31	21.9
20	.60	.55	.57	.53	.35	.45	.34	.33	.35	19.1
21	.56	.51	.55	.40	.46	.45	.34	.38	.33	16.2
22	.53	.41	.48	.46	.38	.37	.34	.13	.30	15.9
23	.44	.35	.41	.37	.35	.27	.24	.29	.15	11.7
24	.39	.33	.14	.30	.24	.08	.19	.23	.07	10.8
25	.21	.27	.22	.13	.11	.15	.10	.14	.10	5.3
26	.23	.31	.31	.14	.40	.22	.10	.29	.13	6.7
27	.31	.64	.25	.24	.47	.21	.14	.40	.15	8.0
28	.37	.35	.18	.27	.21	.12	.19	.23	.07	13.1
29	.24	.71	.23	.14	.50	.23	.10	.43	.14	6.0
30	.34	.29	.24	.27	.32	.20	.17	.17	.14	13.0
31	.26	.50	.35	.23	.56	.22	.14	.10	.18	9.2
32	.39	.56	.42	.30	.52	.39	.17	.42	.33	16.0
				RAINY SEASON						
33	.47	.58	.43	.43	.53	.33	.34	.33	.22	23.7
34	.50	.77	.69	.41	.66	.59	.26	.56	.46	23.5
35	.73	.53	.53	.61	.47	.52	.49	.29	.36	32.0
36	.53	.68	.64	.49	.65	.56	.33	.52	.53	24.6
37	.66	.70	.54	.60	.60	.54	.53	.57	.48	28.6
38	.64	.76	.60	.57	.70	.57	.53	.68	.39	32.2
39	.70	.82	.67	.64	.76	.52	.54	.63	.53	35.8
40	.77	.83	.69	.67	.79	.74	.59	.63	.66	34.5
41	.80	.88	.93	.77	.81	.94	.64	.64	.68	46.0
42	.89	.82	.75	.84	.69	.73	.66	.63	.46	48.6
43	.81	.79	.85	.70	.67	.76	.57	.53	.60	43.5
44	.80	.71	.79	.70	.65	.71	.56	.67	.45	40.5

...Table continued

Std. Wk.	> 5 mm W	W/W	W/D	> 10 mm W	W/W	W/D	> 20 mm W	W/W		Mean (mm)
45	.73	.69	.68	.67	.55	.61	.57	.53	.43	39.9
46	.69	.54	.41	.57	.50	.37	.49	.35	.33	34.5
47	.50	.66	.54	.44	.48	.51	.34	.42	.43	28.4
48	.60	.62	.43	.50	.57	.31	.43	.50	.25	26.7
49	.54	.47	.38	.44	.39	.28	.36	.24	.13	26.4
				POST-RAINY SEASON						
50	.43	.40	.35	.33	.48	.23	.17	.42	.14	12.5
51	.37	.35	.34	.31	.32	.21	.19	.08	.19	10.5
52	.34	.33	.17	.24	.12	.15	.17	.08	.10	12.3
1	.23	.31	.26	.14	.30	.18	.10	.29	.11	9.0
2	.27	.16	.14	.20	.14	.11	.13	.11	.05	11.6
				DRY SEASON						
3	.14	.00	.08	.11	.00	.06	.06	.00	.06	3.2
4	.07	.20	.11	.06	.00	.05	.06	.00	.02	3.9
5	.11	.13	.03	.04	.33	.01	.01	1.00	.00	1.8
6	.04	.00	.09	.03	.00	.04	.01	.00	.03	0.9
7	.09	.00	.13	.04	.00	.10	.03	.00	.07	1.5
8	.11	.13	.05	.10	.14	.05	.07	.00	.02	3.5
9	.06	.25	.03	.06	.00	.00	.01	.00	.00	1.6
10	.04	.00	.15	.00	.00	.09	.00	.00	.04	0.6
11	.14	.00	.08	.09	.00	.06	.04	.00	.04	3.0
12	.07	.00	.15	.06	.00	.14	.04	.00	.06	2.1
13	.14	.40	.27	.13	.22	.20	.06	.00	.15	4.5

Rainfall: (mm)

Pre-rainy season : 230.9

Rainy season : 569.4

Post-rainy season : 55.9

Post-rainy dry season: -

Winter rainy season : -

Dry season : 26.6

Annual: 882.8

TABLE 76

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT TUMKUR

Std Wk.	> 5 mm W	> 5 mm W/W	> 5 mm W/D	> 10 mm W	> 10 mm W/W	> 10 mm W/D	> 20 mm W	> 20 mm W/W	> 20 mm W/D	Mean (mm)
				P R E - R A I N Y S E A S O N						
14	.23	.25	.36	.19	.31	.27	.06	.25	.14	5.3
15	.33	.52	.26	.28	.37	.24	.14	.30	.14	9.8
16	.35	.58	.33	.28	.53	.24	.16	.27	.17	9.6
17	.42	.66	.65	.32	.59	.49	.19	.31	.38	10.5
				R A I N Y S E A S O N						
18	.65	.58	.50	.52	.50	.33	.36	.32	.20	20.3
19	.55	.71	.61	.42	.69	.53	.25	.59	.37	16.3
20	.67	.74	.87	.59	.51	.79	.42	.41	.45	23.7
21	.78	.70	.47	.62	.60	.38	.43	.57	.26	23.4
22	.65	.69	.71	.52	.64	.67	.39	.48	.50	22.2
23	.70	.60	.43	.65	.44	.29	.49	.29	.23	24.4
24	.55	.68	.48	.39	.59	.38	.26	.33	.18	16.9
25	.59	.68	.61	.46	.47	.51	.22	.27	.30	12.7
26	.65	.71	.58	.49	.53	.37	.29	.25	.24	16.2
27	.67	.76	.74	.45	.61	.53	.25	.47	.38	18.7
28	.75	.75	.76	.57	.64	.57	.41	.36	.29	26.9
29	.75	.79	.82	.61	.64	.56	.32	.41	.43	21.5
30	.80	.80	.79	.61	.71	.63	.42	.41	.35	26.9
31	.80	.73	.57	.68	.68	.32	.38	.54	.33	24.8
32	.70	.73	.71	.57	.62	.53	.41	.39	.44	23.4
33	.72	.82	.53	.58	.73	.45	.42	.62	.38	25.8
34	.74	.71	.50	.61	.62	.41	.48	.48	.28	34.4
35	.65	.78	.38	.54	.68	.38	.38	.50	.35	27.4
36	.64	.80	.68	.54	.62	.53	.41	.46	.44	26.0
37	.75	.85	.71	.58	.83	.52	.45	.74	.50	28.8
38	.81	.79	.77	.70	.73	.62	.61	.67	.56	50.7
39	.78	.76	.60	.70	.60	.71	.62	.49	.54	43.7
40	.72	.80	.63	.64	.70	.56	.51	.66	.47	43.4
41	.75	.65	.41	.65	.60	.46	.57	.49	.37	48.2
42	.59	.68	.50	.55	.61	.35	.43	.47	.31	31.4
43	.61	.50	.56	.49	.47	.37	.38	.50	.16	24.1
44	.52	.53	.33	.42	.52	.28	.29	.45	.18	18.3

...Table continued

Std. Wk.	> 5 mm W	W/W	W/D	> 10 mm W	W/W	W/D	> 20 mm W	W/W	W/D	Mean (mm)
				POST-RAINY SEASON						
45	.43	.57	.28	.38	.46	.21	.26	.33	.10	18.3
46	.41	.29	.27	.30	.33	.23	.16	.27	.17	10.7
47	.28	.26	.22	.26	.22	.18	.19	.00	.13	10.1
48	.23	.13	.09	.19	.15	.07	.10	.00	.03	6.5
				DRY SEASON						
49	.10	.71	.08	.09	.67	.03	.03	.50	.03	2.3
50	.14	.10	.07	.09	.00	.06	.04	.00	.05	2.1
51	.07	.40	.00	.06	.50	.00	.04	.33	.00	1.4
52	.03	.00	.07	.03	.00	.06	.01	.00	.01	1.0
1	.07	.00	.05	.06	.00	.03	.01	.00	.00	1.3
2	.04	.00	.03	.03	.00	.01	.00	.00	.00	0.5
3	.03	.00	.01	.01	.00	.01	.00	.00	.01	0.4
4	.01	.00	.09	.01	.00	.06	.01	.00	.03	0.5
5	.09	.00	.08	.06	.00	.02	.03	.00	.00	1.7
6	.07	.20	.00	.01	.00	.01	.00	.00	.00	0.6
7	.01	1.00	.12	.01	1.00	.10	.00	.00	.07	0.3
8	.13	.11	.03	.12	.13	.03	.07	.20	.03	5.1
9	.04	.00	.05	.04	.00	.03	.04	.00	.03	2.4
10	.04	.00	.05	.03	.00	.00	.01	.03	.00	1.5
11	.04	.33	.12	.01	.00	.10	.00	.00	.06	0.4
12	.13	.00	.13	.10	.00	.11	.06	.00	.06	2.4
13	.12	.25	.23	.10	.14	.19	.06	.00	.06	2.7

Rainfall: (mm)

Pre-rainy season : 35.2 Post-rainy dry season : -

Rainy season : 720.5 Winter rainy season : —

Post-rainy season : 45.6 Dry season : 26.6

Annual: 827.9

TABLE 77

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT UDAIPUR

Std. Wk.	> 5 mm W	> 5 mm W/W	> 5 mm W/D	> 10 mm W	> 10 mm W/W	> 10 mm W/D	> 20 mm W	> 20 mm W/W	> 20 mm W/D	Mean (mm)
				P R E - R A I N Y S E A S O N						
22	.30	.22	.38	.27	.13	.23	.13	.00	.12	6.8
23	.33	.50	.50	.20	.50	.42	.10	.33	.33	7.7
				R A I N Y S E A S O N						
24	.50	.60	.40	.43	.46	.42	.33	.30	.25	21.5
25	.50	.80	.53	.43	.69	.53	.27	.50	.50	14.2
26	.67	.90	1.00	.60	.89	.83	.50	.87	.73	41,7
27	.93	.79	.50	.87	.69	.50	.80	.67	.33	50.3
28	.77	.87	.86	.67	.80	.70	.60	.61	.58	47.7
29	.87	.77	.50	.77	.69	.57	.60	.50	.50	43.2
30	.73	.73	.88	.67	.65	.80	.50	.67	.60	39.9
31	.77	.87	.86	.70	.81	.56	.63	.63	.55	54.1
32	.87	.85	.75	.73	.73	.75	.60	.56	.33	46.2
33	.83	.68	.20	.73	.55	.50	.47	.50	.50	40.3
34	.60	.83	.58	.53	.75	.64	.50	.80	.53	50.8
35	.73	.86	.25	.70	.86	.11	.67	.70	.20	47.9
36	.70	.52	.56	.63	.47	.46	.53	.44	.29	39.6
37	.53	.56	.64	.47	.57	.50	.37	.45	.26	26.6
38	.60	.67	.33	.53	.63	.43	.33	.30	.50	28.2
39	.53	.38	.07	.53	.25	.07	.43	.15	.00	26.3
				P O S T - R A I N Y S E A S O N						
40	.23	.57	.09	.17	.60	.08	.07	1.00	.00	7.7
41	.20	.33	.08	.17	.40	.04	.07	.00	.07	5.5
				D R Y S E A S O N						
42	.13	.00	.04	.10	.00	.04	.07	.00	.00	3.9
43	.03	.00	.00	.03	.00	.00	.00	.00	.00	0.6
44	.00	.00	.03	.00	.00	.03	.00	.00	.00	0.1
45	.03	.00	.03	.03	.00	.03	.00	.00	.00	0,5
46	.03	.00	.10	.03	.00	.10	.00	.00	.07	0.5
47	.10	.33	.00	.10	.33	.00	.07	.00	.00	3.4

...Table continued

Std. Wk.	> 5 mm W	> 5 mm W/W	> 5 mm W/D	> 10 mm W	> 10 mm W/W	> 10 mm W/P	> 20 mm W	> 20 mm W/W	> 20 mm W/D	Mean (mm)
48	.03	.00	.07	.03	.00	.03	.00	.00	.03	0.8
49	.07	.50	.04	.03	.00	.00	.03	.00	.00	1.5
50	.07	.00	.04	.00	.00	.00	.00	.00	.00	0.6
51	.03	.00	.00	.00	.00	.00	.00	.00	.00	0.2
52	.00	.00	.13	.00	.00	.13	.00	.00	.10	0.1
1	.13	.00	.04	.13	.00	.04	.10	.00	.04	4.4
2	.03	.00	.03	.03	.00	.03	.03	.00	.03	1.2
3	.03	.00	.07	.03	.00	.03	.03	.00	.00	0.9
4	.07	.00	.00	.03	.00	.00	.00	.00	.00	0.6
5	.00	.00	.03	.00	.00	.00	.00	.00	.00	0.2
6	.03	.00	.03	.00	.00	.03	.00	.00	.03	0,3
7	.03	1.00	.10	.03	1,00	.03	.03	.00	.00	0.8
8	.13	.00	.04	.07	.00	.04	.00	.00	.03	1.4
9	.03	.00	.00	.03	.00	.00	.03	.00	.00	1.3
10	.00	.00	.07	.00	.00	.03	.00	.00	.03	0.1
11	.07	.00	.11	.03	.00	.10	.03	.00	.07	103
12	.10	.67	.04	.10	.33	.04	.07	.50	.00	5.2
13	.10	.00	.00	.07	.00	.00	.03	.00	.00	3.6
14	.00	.00	.03	.00	.00	.03	.00	.00	.03	Q.O
15	.03	.00	.10	.03	.00	.03	.03	.00	.03	0.8
16	.10	.00	.07	.03	.00	.03	.03	.00	.00	1.7
17	.03	.50	.04	.03	1.00	.00	.00	.00	.00	0.7
18	.07	.00	.00	.03	.00	.00	.00	.00	.00	0.8
19	.00	.00	.13	.00	.00	.03	.00	.00	.00	0.1
20	.13	.00	.00	.03	.00	.00	.00	.00	.00	1.7
21	.00	.00	.30	.00	.00	.27	.00	.00	.13	0.3

Rainfall: (mm)

Pre-rainy season : 14.5

Rainy season : 618.5

Post-rainy season : 13.2

Post-rainy dry season: 39.6

Winter rainy season : -

Dry season : -

Annual: 685.8

TABLE 78

INITIAL AND CONDITIONAL PROBABILITIES OF RAINFALL AT VISAKHAPATNAM

Std. Wk.	> 5 mm W	> 5 mm W/W	> 5 mm W/D	> 10 mm W	> 10 mm W/W	> 10 mm W/D	> 20 mm W	> 20 mm W/W	> 20 mm W/D	Mean (mm)
				PRE-RAINY SEASON						
16	.22	.33	.17	.15	.30	.10	.09	.17	.10	5.4
17	.21	.21	.22	.13	.22	.17	.10	.00	.15	5.5
18	.22	.40	.26	.18	.42	.23	.13	.22	.19	6.0
19	.29	.25	.38	.26	.17	.26	.19	.23	.15	14.2
20	.34	.52	.29	.24	.50	.19	.16	.18	.14	10.2
21	.37	.60	.44	.26	.56	.30	.15	.40	.17	14.0
				RAINY SEASON						
22	.50	.59	.56	.37	.44	.44	.21	.36	.30	10.7
23	.57	.64	.66	.44	.43	.53	.31	.38	.30	18.4
24	.65	.80	.63	.49	.70	.46	.32	.41	.30	21.3
25	.74	.84	.83	.57	.69	.69	.34	.48	.53	28.2
26	.84	.77	.64	.69	.70	.57	.51	.57	.39	28.6
27	.75	.75	.76	.66	.62	.74	.49	.36	.49	29.5
28	.75	.86	*.88*	.66	.67	.78	.43	.41	.59	25.9
29	.87	.83	.67	.71	.65	.65	.51	.60	.48	28.0
30	.81	.76	.69	.65	.64	.63	.54	.49	.32	26.6
31	.75	.63	.82	.63	.56	.48	.41	.43	.40	27.7
32	.68	.72	.77	.53	.61	.59	.41	.43	.38	23.0
33	.74	.76	.89	.60	.61	.67	.40	.44	.56	19.7
34	.79	.85	.64	.63	.74	.60	.51	.57	.48	40.0
35	.81	.84	.77	.69	.70	.71	.53	.64	.50	30.3
36	.82	.89	.75	.71	.79	.85	.57	.59	.55	30.9
37	.87	.81	1.00	.81	.71	.85	.57	.67	.66	38.9
38	.84	.82	.91	.74	.74	.67	.66	.60	.48	44.8
39	.84	.70	.55	.72	.61	.53	.56	.58	.40	52.3
40	.68	.80	.59	.59	.78	.57	.50	.71	.50	42.4
41	.74	.70	.56	.69	.60	.57	.60	.54	.41	49.6
42	.66	.62	.43	.59	.60	.46	.49	.45	.51	54.9
43	.56	.63	.30	.54	.54	.32	.49	.45	.31	43.5
44	.49	.48	.29	.44	.53	.24	.38	.38	.26	42.6
				POST-RAINY SEASON						
45	.38	.42	.21	.37	.40	.14	.31	.38	.13	25.8
46	.29	.50	.25	.24	.38	.23	.21	.29	.20	23.7
47	.32	.27	.13	.26	.28	.10	.22	.27	.02	17.5
48	.18	.08	.14	.15	.10	.12	.07	.00	.03	9.2

...Table continued

Std.	> 5 mm			> 10 mm			> 20 mm			Mean
Wk.	W	W/W	W/D	W	W/W	W/D	W	W/W	W/D	(mm)
				DRY SEASON						
49	.13	.00	.10	.12	.00	.07	.03	.00	.03	6.1
50	.09	.17	.06	.06	.25	.06	.03	.50	.03	4.5
51	.07	.20	.10	.07	.20	.08	.04	.33	.02	3.0
52	.10	.14	.05	.09	.00	.03	.03	.00	.02	2.8
1	.07	.20	.06	.03	.00	.03	.01	.00	.03	1.9
2	.07	.20	.10	.03	.00	.08	.03	.00	.05	3.7
3	.10	.14	.07	.07	.20	.05	.04	.00	.03	2.9
4	.07	.20	.13	.06	.25	.08	.03	.00	.05	1.6
5	.13	.33	.12	.09	.33	.11	.04	.00	.06	3.4
6	.15	.30	.16	.13	.22	.14	.06	.25	.11	3.2
7	.18	.25	.11	.15	.10	.09	.12	.00	.05	7.4
8	.13	.33	.05	.09	.33	.06	.04	.33	.05	3.0
9	.09	.00	.05	.09	.00	.03	.06	.00	.03	3.1
10	.04	.33	.05	.03	.50	.02	.03	.50	.00	2.0
11	.06	.50	.08	.03	.00	.08	.01	.00	.06	1.0
12	.10	.14	.08	.07	.20	.06	.06	.25	.05	3.3
13	.09	.00	.10	.07	.00	.06	.06	.00	.03	2.7
14	.09	.50	.10	.06	.75	.05	.03	.50	.06	1.6
15	.13	.56	.17	.09	.17	.15	.07	.00	.10	3.7

Rainfall: (mm)

Pre-rainy season	: 55.3	Post-rainy dry season	: -
Rainy season	: 757.8	Winter rainy season	: -
Post-rainy season	: 76.2	Dry season	: 60.9

Annual: 950.2

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APPENDIX - I

"The Standard Weeks"

Week No.		Dates	Week No		Dates
1	January	1-7	27	July	2-8
2		8-14	28		9-15
3		15-21	29		16-22
4		22-28	30		23-29
5		29-4	31		30-5
6	February	5-11	32	August	6-12
7		12-18	33		13-19
8		19-25	34		20-26
9		26-4*	35		27-2
10	March	5-11	36	September	3-9
11		12-18	37		10-16
12		19-25	38		17-23
13		26-1	39		24-30
14	April	2-8	40	October	1-7
15		9-15	41		8-14
16		16-22	42		15-21
17		23-29	43		22-28
18		30-6	44		29-4
19	May	7-13	45	November	5-11
20		14-20	46		12-18
21		21-27	47		19-25
22		28-3	48		26-2
23	June	4-10	49	December	3-9
24		11-17	50		10-16
25		18-24	51		17-23
26		25-1	52		24-31*

*In leap year the week No. 9 will be 26 February to 4 March, i.e. 8 days Instead of 7.

Last week will have 8 days, 24 to 31 December.

APPENDIX II

PROGRAM FOR THE COMPUTATION OF INITIAL AND CONDITIONAL PROBABILITIES[a/]

```
100 DIM #1%,N%(0%),P(103%,53%)
110 DIM W1%(52%),W2%(52%),W3%(52%),M(52%)
115 INPUT' ENTER NAME OF THE PRINT  FILE';I$ ! OPEN I$ FOR OUTPUT AS FILE 6%
120 INPUT'ENTER THE NAME OF THE INPUT FILE';F$
130 OPEN F$ FOR INPUT AS FILE 1%
131 I%=INSTR (1%,F$,'.') ! I2$=LEFT(F$,I%)+'TEM' ! OPEN I2$ FOR OUTPUT AS FILE2%
135 INPUT'NAME OF THE DATA';H$
140 INPUT'ENTER THE NUMBER OF WEEKS OF "LOOK-AHEAD"';W%
150 INPUT'ENTER THE CRITICAL VALUE FOR THE DATA';X
151 PRINT #6%'                                    STATION NAME.....................='F$,H$
153 PRINT #6%'                                    NUMBER OF WEEKS TOTALED..........='W%
154 PRINT #6%'                                    CRITICAL VALUE FOR THE DATA .....='X
160 MAT W1%=ZER ! MAT W2%=ZER ! MAT W3%=ZER ! MAT M=ZER
165 N%=N%(0%)
170 FOR I%=1% TO N%
180 FOR J%=1% TO 52%
185 M(J%)=M(J%)+P(I%,J%)
190 IF P(I%,J%) > X THEN W1%(J%)=W1%(J%)+1% ! W1%=1%
195 FOR K%=1% TO W%
200 K1%=J%+K% ! I1%=I%
205 IF K1%>52% THEN K1%=K1%-52% ! I1%=I1%+1%
210 IF I1%>N% THEN 232 ! CAN'T LOOK AHEAD
215 IF P(I1%,K1%)<=X THEN 232
220 NEXT K%
225 W3%(J%)=W3%(J%)+1%
230 IF W1% THEN W2%(J%)=W2%(J%)+1%
232 W1%=0%
235 NEXT J%
237 NEXT I%
238 L$='                  ------------------------------------------------------------'
240 PRINT #6% :PRINT #6%  L$
242 PRINT #6% '              WEEK     WET       DRY       W/W       D/W       W/D       D/D        MEAN'
243 PRINT #6%  L$
244 F9$='                    #.##      #.##      #.##      #.##      #.##      #.##      ###.#'
245 N=N%
```

(1)

Table continued

```
250 FOR J%=1% TO 52%
255 P1=W1%(J%)/N : P2=1.-P1
260 IF P1>0 THEN C1=W2%(J%)*1./W1%(J%) ELSE C1=0.  ! P(W/W)
265 IF P1>0. THEN C2=1.-C1 ELSE C2=0.  ! P(D/W)
270 IF W1%(J%)<>N% THEN C3=(W3%(J%)-W2%(J%))/(N-W1%(J%)) ELSE C3=0.  ! P(W/D)
275 IF W1%(J%)<>N% THEN C4=1.-C3 ELSE C4=0.  ! P(D/D)
280 M=M(J%)/N  ! MEAN FOR WEEK J%
285 PRINT #6%  USING F9$,J%,P1,P2,C1,C2,C3,C4,M
286 NEXT J%
287 PRINT #6%  L$
294 PRINT #6% : PRINT #6%  CHR$(12%)
295 PRINT #6%:PRINT #6%'DO YOU WISH TO CALCULATE MORE PROBABILITIES FOR ' F$; : INPUT A$
300 PRINT: IF A$='YES' THEN 140
350 CLOSE1%
400 END
```

NOTES

Line	Explanation
120	Rainfall file
131	Initial and Conditional Probability Results
140	Weeks "Look Ahead" for conditional probabilities
150	'X' is for units: mm or inches.
170	N is number of years
180	52 is weeks in a year

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a/ The program was written by Mr.J.W. Estes, Computer Services, ICRISAT.

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