

FEDERAL REPUBLIC OF NIGERIA
FEDERAL DEPARTMENT OF AGRICULTURE

FEASIBILITY REPORT
ON
THE AGRICULTURAL DEVELOPMENT
PROJECTS IN IMO AND BENDEL STATES

APPENDICES

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MAY 1977

JAPAN INTERNATIONAL COOPERATION AGENCY

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国際協力事業団		
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APPENDIX 1 ECONOMIC INDICATORS

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Table 1.1 Gross Domestic Product by Type of Activity
at Current Prices

	1970	1971	1972	1973	1974	1975
						(₹ million)
Agriculture	2576	3034	3093	3123	3531	4176
Petroleum mining	490	944	1144	1899	5671	4600
Other mining & quarrying	45	63	76	90	110	147
Manufacturing	378	416	511	591	655	890
Construction	270	412	520	646	970	1360
Electricity & Water	37	41	48	52	59	70
Transport & Communication	149	188	238	268	360	468
General Government	343	377	339	463	766	1008
Health & Education	194	227	239	256	400	576
Other services	799	950	979	1065	1425	1875
<u>Gross Domestic Product at Factor Cost</u>	<u>5281</u>	<u>6651</u>	<u>7188</u>	<u>8453</u>	<u>13947</u>	<u>15170</u>
Indirect taxes less subsidies	400	500	480	460	520	600
<u>Gross Domestic Product at Market Prices</u>	<u>5281</u>	<u>7151</u>	<u>7668</u>	<u>8913</u>	<u>14467</u>	<u>15770</u>
Growth rate of GDP at factor cost		25.9%	7.2%	16.2%	62.3%	8.8%
Growth rate of non-oil GDP		19.1%	5.9%	8.4%	26.3%	27.7%

Sources: 1970-1973, Federal Office of Statistics
1974-1975, Estimated

Table 1.2 Balance of Payments

	1970	1971	1972	1973	1974	1975
(N million)						
<u>Current Account</u>						
Exports: Oil	517	981	1186	2006	5671	4700
Non-Oil	374	364	251	364	435	350
Imports: Oil	52	51	45	41	52	100
Non-Oil	666	1009	914	1162	1614	3600
<u>Trade Balance</u>	<u>173</u>	<u>285</u>	<u>478</u>	<u>1167</u>	<u>4440</u>	<u>1350</u>
Net Non-factor service Payments:						
Oil	-81	-114	-140	-210	-253	-150
Non-Oil	-75	-77	-102	-297	-941	-800
Net factor Payments Received:						
Oil	-220	-320	-390	-415	-308	-300
Non-Oil	-112	-110	-155	-156	-67	150
(Interests on external reserves)	(-)	(-)	(10)	(16)	(98)	(300)
Net Transfers	45	2	-14	-35	-62	-40
<u>Balance of Current Account</u>	<u>-270</u>	<u>-334</u>	<u>-323</u>	<u>53</u>	<u>2809</u>	<u>210</u>
<u>Capital Account</u>						
Direct Investment: Oil	89	109	196	116	186	150
Non-Oil	94	129	102	71	-4	-20
Other Private	82	130	-64	7	63	50
Net Official: Oil	-	-	-	-51	-50	-100
Non-Oil	4	31	36	3	54	-100
Allocation of SDR	12	10	10	-	-	-
Changes in Reserves (- = addition)	<u>-59</u>	<u>-128</u>	<u>-39</u>	<u>-174</u>	<u>-3102</u>	<u>-190</u>
Errors and Omissions	47	55	4	-23	46	-

Source: 1970-1974, Central Bank of Nigeria
1975, Estimated figures

Table 1.3 Quantity, Value and Average Unit Value of Major Exports

Commodity	Unit of Quantity	Quantity in ('000)		Value in (N million)		Average Unit Value			
		1973	1974	1975/1	1973	1974	1975/1		
Groundnuts	m/ton	199	30	-	45.5	6.8	228.6	226.7	-
Groundnut Oil	"	111	24	-	23.6	11.4	212.6	435.1	666.7
Groundnut Cake	"	135	31	5	18.0	4.8	133.3	154.8	92.6
Cocoa Beans	"	211	180	215	112.4	159.0	532.7	883.3	839.2
Cocoa Butter	"	11	11	9	15.0	21.0	1,363.6	2,282.6	2,217.4
Other Cocoa Products "	"	16	13	10	5.6	5.9	350.0	453.8	445.5
Petroleum Crude Oil "	"	94,302	96,437	80,018	1,893.5	5,365.7	20.1	55.6	55.3
Palm Kernels	"	137	186	170	18.9	43.7	138.0	235.5	107.2
Palm Kernel Oil	"	40	39	20	7.7	21.6	192.5	568.4	246.3
Palm Kernel Cake or Meal	"	22	30	18	1.3	2.4	59.1	80.0	83.3
Palm Oil	"	-	-	313	-	-	-	-	124.6
Rubber	"	49	61	54	19.4	33.2	395.9	562.7	282.0
Raw Cotton	"	8	-	-	4.7	-	587.5	-	-
Cotton Seed	"	9	11	-	0.7	0.9	77.8	81.8	-
Tin Metal	"	5	6	5	15.5	26.4	3,100.0	5,280.0	4,311.1
Hides and Skins	"	5	5	3	12.5	10.6	2,500.0	2,100.0	2,344.8
Coffee	"	2	-	1	1.3	0.1	650.0	-	833.3
Timber and Plywood cu/m	"	370	305	105	14.3	14.0	38.6	45.9	44.0
Total Major Exports					2,209.9	5,727.5		4,703.3	
Other Commodities					58.5	56.4		71.2	
Total Domestic Exports					1,268.4	5,783.9		4,774.5	

/1 Provisional

Source: Federal Office of Statistics

Table 1.4 Composition of Imports by Commodity Sections

Commodity Sections (S.I.T.C.)	(₹ million)					
	1970	1971	1972	1973	1974	1975/1
0. Food and Live Animals	57.6	87.9	95.1	126.3	154.8	295.4
1. Beverages and Tobacco	4.0	4.4	4.4	5.2	9.1	47.5
2. Crude Materials, Inedible Except Fuels	16.6	20.6	20.7	27.0	63.7	70.9
3. Mineral Fuels, Lubricants and Related Materials	22.0	9.0	9.8	13.5	55.4	100.1
4. Oils and Fats	0.8	0.7	1.1	1.4	3.6	8.8
5. Chemicals	88.5	122.0	102.6	133.4	191.0	332.0
6. Manufactured Goods Classified Chiefly by Materials	226.0	319.4	267.9	323.9	523.3	1,009.3
7. Machinery and Transport Equipment	282.6	428.8	398.5	491.4	611.8	1,580.8
8. Miscellaneous Manufactured Articles	39.6	70.8	83.1	94.2	114.0	277.4
9. Miscellaneous Transactions	18.6	15.4	6.9	8.6	10.6	11.6
Total	756.4	1,078.9	990.1	1,224.8	1,737.3	3,733.8

/1 Provisional

Source: Federal Office of Statistics

Table 1.5 Imports of Food and Beverages (1975)

Item	(N)
Live Animals and Meat	7,328,000
Milk and Products	56,880,000
Fish	38,561,000
Wheet	54,957,000
Rice	2,378,000
Barley, Maize and Other Cereals	28,107,000
Fruits and Vegetables	9,216,000
Sugar	75,663,000
Beverages and Others	24,798,000
Total	297,888,000

Source: Nigeria Trade Summary, Dec. 1975

Imported Price of Rice (Av. of 1975)

Imported Volume	6,652.142 t
" Amount	2,378,879 ₦
Unit Price	358 ₦/t (= 360 ₦/t)

Table 1.6 Area Planted, Production and Yield per Hectare of Major Crops in Nigeria

Crops	Area in ('000) Hectare. Production in ('000) Tonne. Yield per Hectre in Kg.	Years			
		1971/72	1972/73	1973/74	1974/75
Millet	Area	4,788	3,692	5,651	4,787
	Production	2,835	2,391	3,794	5,554
	Yield	592	648	671	1,160
Yam	Area	1,197	788	855	671
	Production	9,766	6,900	6,936	7,160
	Yield	8,159	8,871	8,111	10,656
Maize	Area	1,197	1,050	1,130	579
	Production	1,274	639	808	528
	Yield	1,064	609	715	912
Cassava	Area	399	344	361	415
	Production	4,516	2,573	2,912	3,582
	Yield	11,318	7,478	8,066	8,631
Rice	Area	200	237	373	269
	Production	279	447	487	525
	Yield	1,395	1,886	1,304	1,952
Cocoyam	Area	200	266	167	108
	Production	800	1,357	1,106	480
	Yield	4,000	5,102	6,623	4,444
Soya Beans	Area	4	2	2	-
	Production	1	1	0	-
	Yield	250	500	0	-

1. Time Reference covers a period of 12 months, beginning from May of one year to April of the following year.
2. - Nil
3. 0 = Less than 0.5 thousand tonne

Table 1.7 Area Planted, Production and Yield per Hectare of Major Crops

East Central State

Crops	Area in ('000) Hectare. Production in ('000) Tonne. Yield per Hectare in Kg.	Years			
		1971/72	1972/73	1973/74	1974/75
Yam	Area	127	164	172	112
	Production	588	1,820	1,702	1,206
	Yield	4,625	11,097	9,895	10,768
Maize	Area	79	210	196	42
	Production	22	126	123	53
	Yield	278	600	627	1,261
Cassava	Area	61	108	54	88
	Production	258	742	518	936
	Yield	4,230	6,852	9,593	10,636
Rice	Area	-	22	16	9
	Production	-	63	64	128
	Yield	-	2,864	4,000	14,222
Cocoyam	Area	34	87	68	41
	Production	128	515	531	276
	Yield	3,765	5,805	7,809	6,732
Soya Beans	Area	-	-	-	-
	Production	-	-	-	-
	Yield	-	-	-	-

1. Time Reference covers a period of 12 months, beginning from May of one year to April of the following year.
2. - Nil.

Table 1.8 Area Planted, Production and Yield per Hectare of Major Crops

Mid - Western State

Crops	Area in ('000) Hectare Production in ('000) Tonne Yield per Hectare in Kg	Years			
		1971/72	1972/73	1973/74	1974/75
Yam	Area	101	148	125	111
	Production	896	1,474	1,000	1,394
	Yield	8,871	9,960	8,000	12,559
Maize	Area	98	215	148	63
	Production	82	170	132	63
	Yield	837	791	892	1,000
Cassava	Area	43	40	59	85
	Production	622	519	641	814
	Yield	14,465	12,975	10,864	9,577
Rice	Area	-	67	35	24
	Production	-	218	112	34
	Yield	-	3,254	3,200	1,420
Cocoyam	Area	17	10	9	9
	Production	27	45	52	16
	Yield	1,588	4,500	5,778	1,778
Soya Beans	Area	-	-	-	-
	Production	-	-	-	-
	Yield	-	-	-	-

1. Time Reference covers a period of 12 months, beginning from May of one year to April of the following year.
2. - Nil.
3. 0 = Less than 0.5 thousand tonne.

Table 1.9 Federal Government Capital Expenditure

(N million)

	Second National Development Plan (1970/1 - 1973/4)		Actual Expenditure
	Original	Revised	
	Estimated Cost	Cost	1970/1 - 1974/5
<u>Economic</u>			
Agriculture	68.1	79.0	161.2
Mining & Industry	86.8	104.0	94.1
Fuel & Power	90.7	90.7	233.4
Transport & Communication	419.5	774.7	704.8
Trade & Resettlement	41.9	32.0	83.3
<u>Sub-total</u>	<u>707.0</u>	<u>1,080.9</u>	<u>1,276.8</u>
<u>Social</u>			
Education	98.2	152.1	278.1
Health	20.3	37.7	52.3
Town Planning & Housing	10.6	22.6	211.0
Water & Sewerage	-	-	72.0
Information & Labor	15.6	81.0	84.4
<u>Sub-total</u>	<u>144.7</u>	<u>293.4</u>	<u>697.9</u>
<u>Administration & Security</u>			
General Administration	46.9	137.6	189.5
Defense & Security	192.7	346.2	437.7
<u>Sub-total</u>	<u>239.6</u>	<u>483.8</u>	<u>627.2</u>
<u>Total</u>	<u>1,091.3</u>	<u>1,858.1</u>	<u>2,601.8</u>
<u>Financial Obligations</u>	<u>19.0</u>	<u>73.6</u>	<u>314.0</u>
<u>Grand Total</u>	<u>1,110.2</u>	<u>1,931.7</u>	<u>2,916.0</u>

Source: Second National Development Plan;
Second Progress Report; and Official Gazette.

Table 1.10 Third National Development Plan,
1975/6 - 1979/80
Summary of Public Sector Capital Program

(N million)					
Sector (1)	Total all Govts. (2)	Federal Govt. (3)	Total all States (4)	East- Central (5)	Mid- Western (6)
<u>Economic</u>					
Agriculture	1645.852	750.845	895.007	95.408	63.521
Livestock	344.046	173.176	170.869	15.227	8.383
Forestry	109.730	30.014	79.716	5.355	4.975
Fishery	101.554	58.561	42.993	1.398	2.289
Minings and Quarrying	2680.425	2680.425	-	-	-
Manufacturing and Craft	5315.871	4907.227	480.644	69.271	43.500
Power	1075.238	932.038	143.200	10.000	10.000
Commerce and Finance	559.355	323.433	235.922	25.700	12.180
Transport	7303.068	6274.342	1028.726	88.728	200.000
Communications	1338.944	1338.944	-	-	-
<u>Sub-total</u>	<u>20474.082</u>	<u>17469.005</u>	<u>3005.077</u>	<u>311.087</u>	<u>344.848</u>
<u>Social</u>					
Education	2463.822	1656.193	807.629	78.239	60.807
Health	759.928	314.160	455.768	62.621	39.690
Information	380.225	234.341	145.884	19.837	5.900
Labour	43.187	43.187	-	-	-
Social Development & Sports	139.603	24.950	114.633	22.592	3.920
<u>Sub-total</u>	<u>3786.765</u>	<u>2272.831</u>	<u>1513.934</u>	<u>183.289</u>	<u>110.317</u>
<u>Regional Development</u>					
Water Supply	930.038	317.413	612.625	57.540	73.975
Sewerage, Drainage & Ref. Disposal	428.495	154.499	273.996	28.000	58.000
Housing	1837.430	1650.000	187.430	20.500	30.000
Town & Country Planning	754.867	250.453	504.414	70.706	31.007
Co-operative and Community Dev.	193.294	16.187	177.107	17.000	11.851
<u>Sub-total</u>	<u>4144.124</u>	<u>2388.552</u>	<u>1755.572</u>	<u>193.746</u>	<u>204.833</u>
<u>Administration</u>					
Defence & Security	3325.517	3325.717	-	-	-
General Administration	1124.128	709.210	414.918	35.955	27.092
<u>Sub-total</u>	<u>4449.645</u>	<u>4034.727</u>	<u>414.918</u>	<u>35.955</u>	<u>27.092</u>
Nominal Total	32854.616	26165.115	6689.501	724.077	687.090

Source: Third National Development Plan.

Table 1.11 Third National Development Plan
Projected Food Supply 1974/75 - 1979/80

Crops	Estimated Pro- duction 1974/75 (million tons)	Target Production 1979/80 (million tons)	Target Imports 1979/80 (million tons)	Target Food Supply 1979/80 (million tons)	Target Rate of Growth of Production 1974/75 to 1979/80 % p.a.
1. Maize	1.62	2.35	-	2.30	7.5
2. Millet	3.05	3.57	-	3.57	3.2
3. Sorghum	4.02	4.71	-	4.71	3.2
4. Rice	0.42	0.80	(-0.150)	0.65	14.5
5. Wheat	0.020	0.20	0.575	0.775	160.0
6. Yam	14.4	16.80	-	16.80	3.1
7. Cassava	5.5	6.45	-	6.45	3.2
8. Pulses	1.08	1.50	-	1.50	6.8
9. Sugar	0.030	0.08	0.140	0.220	21.6
10. Cocoyam	1.63	1.78	-	1.78	1.6
11. Melon Seeds	0.11	1.55	-	0.155	6.0
12. Other Food Crops	n.a.	n.a.	n.a.	n.a.	2.9

Source: Third National Development Plan.

Table 1.12 Composite Consumer Price Indices ¹
(Base: average 1960 = 100)

Month	Consumer Price Index	Component Indices					
		Accommodation	Clothing	Food	Fuel and Light	Transport	Other Services
December 1970	155.8	130.9	167.9	172.9	143.4	146.3	128.3
December 1971	179.1	133.6	166.0	218.0	177.9	147.7	128.8
December 1972	172.9	137.5	173.8	199.9	173.5	153.8	130.9
December 1973	203.9	139.1	197.3	244.9	174.2	211.3	145.3
December 1974	224.0	143.1	237.6	269.8	193.2	214.9	168.8
<u>1975</u>							
January	237.6	142.3	241.5	293.0	199.8	220.2	166.3
February	251.9	146.8	251.4	316.4	230.5	220.2	167.5
March	262.4	144.0	273.9	324.2	258.3	243.8	178.5
April	272.6	144.7	285.3	337.4	274.5	246.2	174.3
May	284.8	145.7	280.8	362.0	275.1	246.0	176.1
June	295.7	147.5	275.7	381.4	306.9	248.6	177.1
July	299.2	153.1	280.8	387.8	292.5	251.6	176.2
August	303.9	155.1	291.1	392.4	294.1	250.8	176.2
September	305.0	146.8	300.9	395.8	281.5	252.0	185.4
October	305.7	146.1	306.1	394.0	287.9	254.0	189.3
November	314.2	145.4	327.0	406.0	301.8	268.5	191.2
December	320.6	146.8	324.3	422.7	254.5	267.6	195.9

¹ Weighted average of price indices in Benin, Ibadan, Ilorin, Kaduna, Kano, Lagos, Sapele, Warri, and Zaria.

APPENDIX 2 WATER REQUIREMENTS

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1. Radiation method

The Radiation method is dependent on air temperature and sunshine or cloudiness or radiation data. The formula to calculate the potential evapotranspiration is as follows:

$$E_{pt} = a + b \cdot W \cdot R_s$$

where: E_{pt} = Potential evapotranspiration in mm/day

R_s = Solar radiation expressed in equivalent evaporation in mm/day
 $= (0.25 + 0.50 n/N) R_a$

W = Weighting factor which depends on temperature and altitude as given in Table 2.1

a, b = Coefficients for which the values are given in Fig. 2.1

n/N = Ratio actual to maximum possible sunshine hours. N values are given in Table 2.2

R_a = Extra-terrestrial radiation expressed in equivalent evaporation in mm/day as given in Table 2.3

2. Penman method

The Penman method uses such climatic data as temperature, humidity, wind speed and bright sunshine hours or radiation. The formula is expressed as follows:

$$E_{pt} = W \cdot R_n + (1-W) \cdot f(u) \cdot (e_a - e_d)$$

$$R_n = R_{ns} - R_{nf}$$

$$R_{ns} = 0.75(0.25 + 0.50 + n/N)R_a$$

$$R_{nf} = \delta T_k^4 \cdot (0.56 - 0.079/\sqrt{e_d}) \cdot (0.1 + 0.9n/N)$$

where: E_{pt} = Potential evapotranspiration in mm/day

W = Weighting factor which depends on temperature and altitude as given in Table 2.1

$f(u)$ = Wind function for wind velocity at a 2 m height above ground in km/day
 $= 0.27(1 + U^2/100)$

e_a = Saturation vapour pressure in millibar as function of mean air temperature as given in Table 2.4

e_d = Vapour pressure = $e_a \times \frac{RH}{100}$

R_a = Extra-terrestrial radiation expressed in equivalent evaporation in mm/day as given in Table 2.3

n/N = Ratio actual to maximum possible sunshine hours

δ = Boltzman constant

$\delta T k^4$ = Correction for temperature in milli bar as given in Table 2.5

U_2 = Wind velocity at 2 m height above ground

3. Hargreaves method

The Hargreaves method was prepared primarily for computing a climate factor equal to the Class A pan evaporation. The equation is expressed as follows:

$$E_p = 17.4 \cdot d \cdot t \cdot (F_h \cdot F_w \cdot F_s \cdot F_e)$$

$$F_h = 0.59 - 0.55 H_n^2$$

$$F_w = 0.75 + 0.125 / \sqrt{U_2}$$

$$F_s = 0.478 + 0.58 n/N$$

$$F_e = 0.95 + 0.0001 \cdot E$$

where: H_n = Mean monthly relative humidity at noon
 $= 0.36RH + 0.64RH^2$

U_2 = Wind velocity at 2 m height

n/N = Sunshine percentage, expressed decimally

E = Altitude in m

RH = Mean relative humidity

Table 2.1 Values of Weighting Factor W for the Effect of Radiation at Different Temperatures and Altitudes

Temperature °C	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
W at altitude m																				
0	0.43	.46	.49	.52	.55	.58	.61	.64	.66	.68	.71	.73	.75	.77	.78	.80	.82	.83	.84	.85
500	.45	.48	.51	.54	.57	.60	.62	.65	.67	.70	.72	.74	.76	.78	.79	.81	.82	.84	.85	.86
1,000	.46	.49	.52	.55	.58	.61	.64	.66	.69	.71	.73	.75	.77	.79	.80	.82	.83	.85	.86	.87
2,000	.49	.52	.55	.58	.61	.64	.66	.69	.71	.73	.75	.77	.79	.81	.82	.84	.85	.86	.87	.88
3,000	.52	.55	.58	.61	.64	.66	.69	.71	.73	.75	.77	.79	.81	.82	.84	.85	.86	.88	.88	.89
4,000	.55	.58	.61	.64	.66	.69	.71	.73	.76	.78	.79	.81	.83	.84	.85	.86	.88	.89	.90	.90

Table 2.2 Mean Daily Maximum Duration of Bright Sunshine
Hours N for Different Months and Latitudes

	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Northern Lats.	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Southern Lats.	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Jun.
50°	8.5	10.1	11.8	13.8	15.4	16.3	15.9	14.5	12.7	10.8	9.1	8.1
48°	8.8	10.2	11.8	13.6	15.2	16.0	15.6	14.3	12.6	10.9	9.3	8.3
46°	9.1	10.4	11.9	13.5	14.9	15.7	15.4	14.2	12.6	10.9	9.5	8.7
44°	9.3	10.5	11.9	13.4	14.7	15.4	15.2	14.0	12.6	11.0	9.7	8.9
42°	9.4	10.6	11.9	13.4	14.6	15.2	14.9	13.9	12.9	11.1	9.8	9.1
40°	9.6	10.7	11.9	13.3	14.4	15.0	14.7	13.7	12.5	11.2	10.0	9.3
35°	10.1	11.0	11.9	13.1	14.0	14.5	14.3	13.5	12.4	11.3	10.3	9.8
30°	10.4	11.1	12.0	12.9	13.6	14.0	13.9	13.2	12.4	11.5	10.6	10.2
25°	10.7	11.3	12.0	12.7	13.3	13.7	13.5	13.0	12.3	11.6	10.9	10.6
20°	11.0	11.5	12.0	12.6	13.1	13.3	13.2	12.8	12.3	11.7	11.2	10.9
15°	11.3	11.6	12.0	12.5	12.8	13.0	12.9	12.6	12.2	11.8	11.4	11.2
10°	11.6	11.8	12.0	12.3	12.6	12.7	12.6	12.4	12.1	11.8	11.6	11.5
5°	11.8	11.9	12.0	12.2	12.3	12.4	12.3	12.3	12.1	12.0	11.9	11.8
0°	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1

Table 2.3

Extra-Terrestrial Radiation Ra
Expressed in Equivalent Evaporation in mm/day
Northern Hemisphere

<u>Lat.</u>	<u>Jan.</u>	<u>Feb.</u>	<u>Mar.</u>	<u>Apr.</u>	<u>May</u>	<u>Jun.</u>	<u>Jul.</u>	<u>Aug.</u>	<u>Sep.</u>	<u>Oct.</u>	<u>Nov.</u>	<u>Dec.</u>
10	13.2	14.2	15.3	15.7	15.5	15.3	15.3	15.5	15.3	14.7	13.6	12.9
8	13.6	14.5	15.3	15.6	15.3	15.0	15.1	15.4	15.3	14.8	13.9	13.3
6	13.9	14.8	15.4	15.4	15.1	14.7	14.9	15.2	15.3	15.0	14.2	13.7
4	14.3	15.0	15.5	15.5	14.9	14.4	14.6	15.1	15.3	15.1	14.5	14.1
2	14.7	15.3	15.6	15.3	14.6	14.2	14.3	14.9	15.3	15.3	14.8	14.4
0	15.0	15.5	15.7	15.3	14.4	13.9	14.1	14.8	15.3	15.4	15.1	14.8

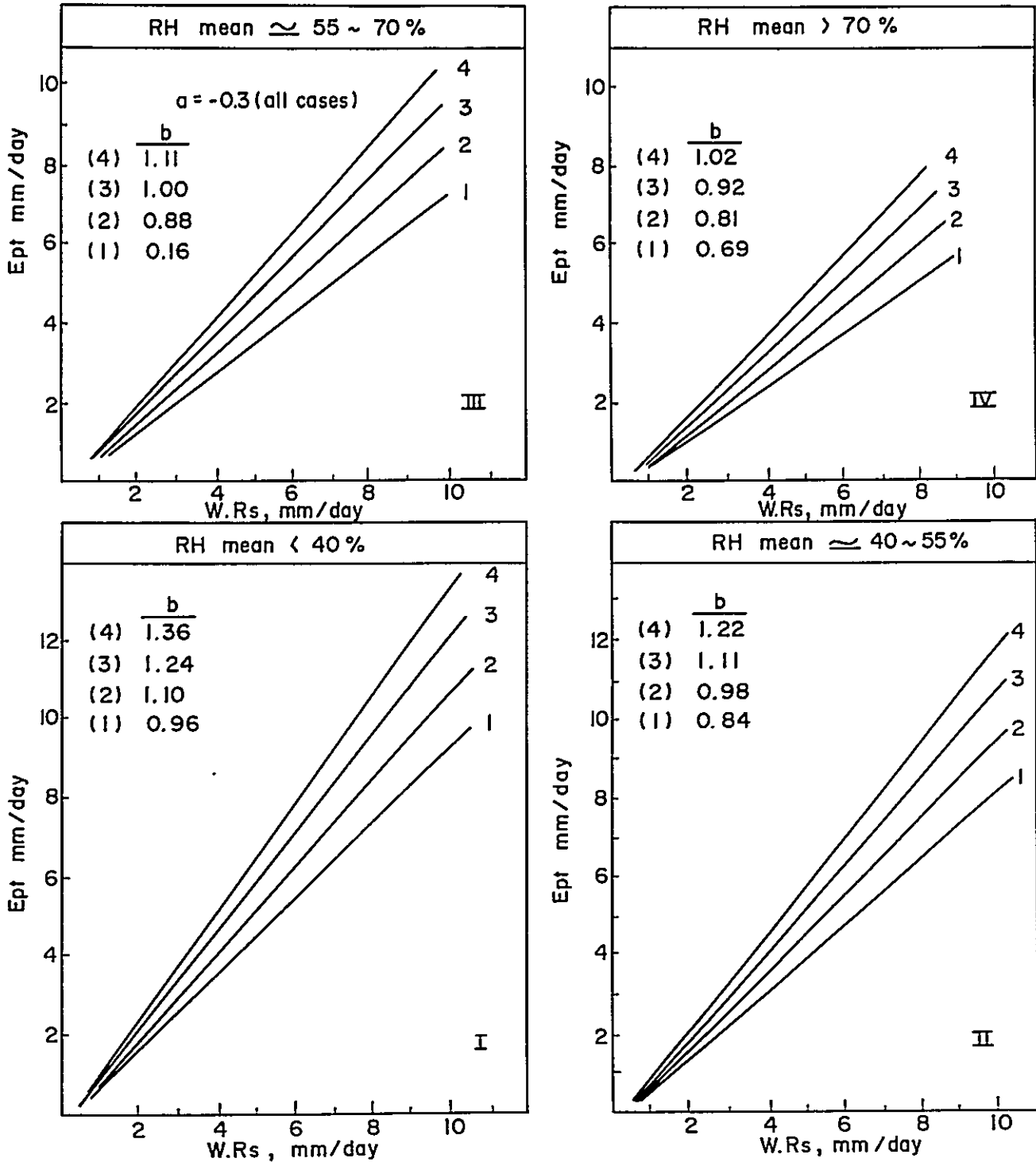
Table 2.4 Saturation Vapour Pressure e_a in Millibar as Function of Mean Air Temperature t in $^{\circ}\text{C}$

Temperature $^{\circ}\text{C}$	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
e_a mbar	6.1	6.6	7.1	7.6	8.1	8.7	9.4	10.0	10.7	11.5	12.3	13.1	14.0	15.0	16.1	17.0	18.2	19.4	20.6	22.0
Temperature $^{\circ}\text{C}$	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
e_a mbar	23.4	24.9	26.4	28.1	29.8	31.7	33.6	35.7	37.8	40.1	42.4	44.9	47.6	50.3	53.2	56.2	59.4	62.8	66.3	69.9

Table 2.5 Correction for Temperature δT_k^4 on Longwave Radiation Rnl

t_{OC}	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36
δT_k^4	11.0	11.4	11.7	12.0	12.4	12.7	13.1	13.5	13.8	14.2	14.6	15.0	15.4	15.9	16.3	16.7	17.2	17.7	18.1

Fig.2.1 Relationships for Obtaining Ept from Calculated Values of W.R.s and General Knowledge of Mean Relative Humidity and Daytime Wind.



Line 1. Daytime wind very strong, > 700km/day
 2. " " strong, 400~ 700 km/day
 3. " " moderate, 200~ 400 km/day
 4. " " light, 0~ 200 km/day

Imo State

(1) Alavan Ikoku College of Education

Latitude : 5^o29'N
Longitude : 7^o01'E
Height : 230 ft

Daily Rainfall 1973 - 1976 without Aug. 1975
Temperature (Daily) 1973 - 1976 without Aug. 1975
Humidity (Daily) 1973 - 1976 without Aug. 1975
Sunshine (Daily) 1974 - 1976 without Aug. 1975

(2) Meteorological Services

Latitude : 5^o29'N
Longitude : 7^o02'E
Height : 300 ft

Daily Rainfall 1974 - 1976
Monthly Rainfall 1907 - 1962, 1974 - 1976

(3) Oguta

Monthly Rainfall 1951 - 1967

(4) Okigwi

Latitude : 5^o50'N
Longitude : 7^o21'E

Monthly Rainfall 1936 - 1966

(5) Umudike

Latitude : 5^o29'N
Longitude : 7^o33'E
Height : 400 ft

Daily Rainfall Apr. 1971 - 1976
Monthly Rainfall 1934 - 1963, 1971 - 1976
Temperature (Daily) 1972 - 1976
Humidity (Daily) 1972 - 1976
Sunshine (Daily) 1972 - 1976
Piche Evaporation 1972 - 1976

Bendel State

(1) Ilele Gov. Farm

Monthly Rainfall 1958 - 1976

(2) Irrua Gov. Farm

Latitude : 6.77^oN
Longitude : 6.22^oE
Height : 400 ft

Daily Rainfall 1970 - 1976
Monthly Rainfall 1952 - 1976
Temperature (Daily) 1974 - Jan. 1977
Humidity (Daily) 1974 - Jan. 1977

(3) Warrake Farm

Daily Rainfall 1976
Monthly Rainfall 1975 - 1976
Temperature (Daily) 1976
Humidity (Daily) 1976
Piche Evaporation 1976
(Pan)

(4) Auchi Gov. School

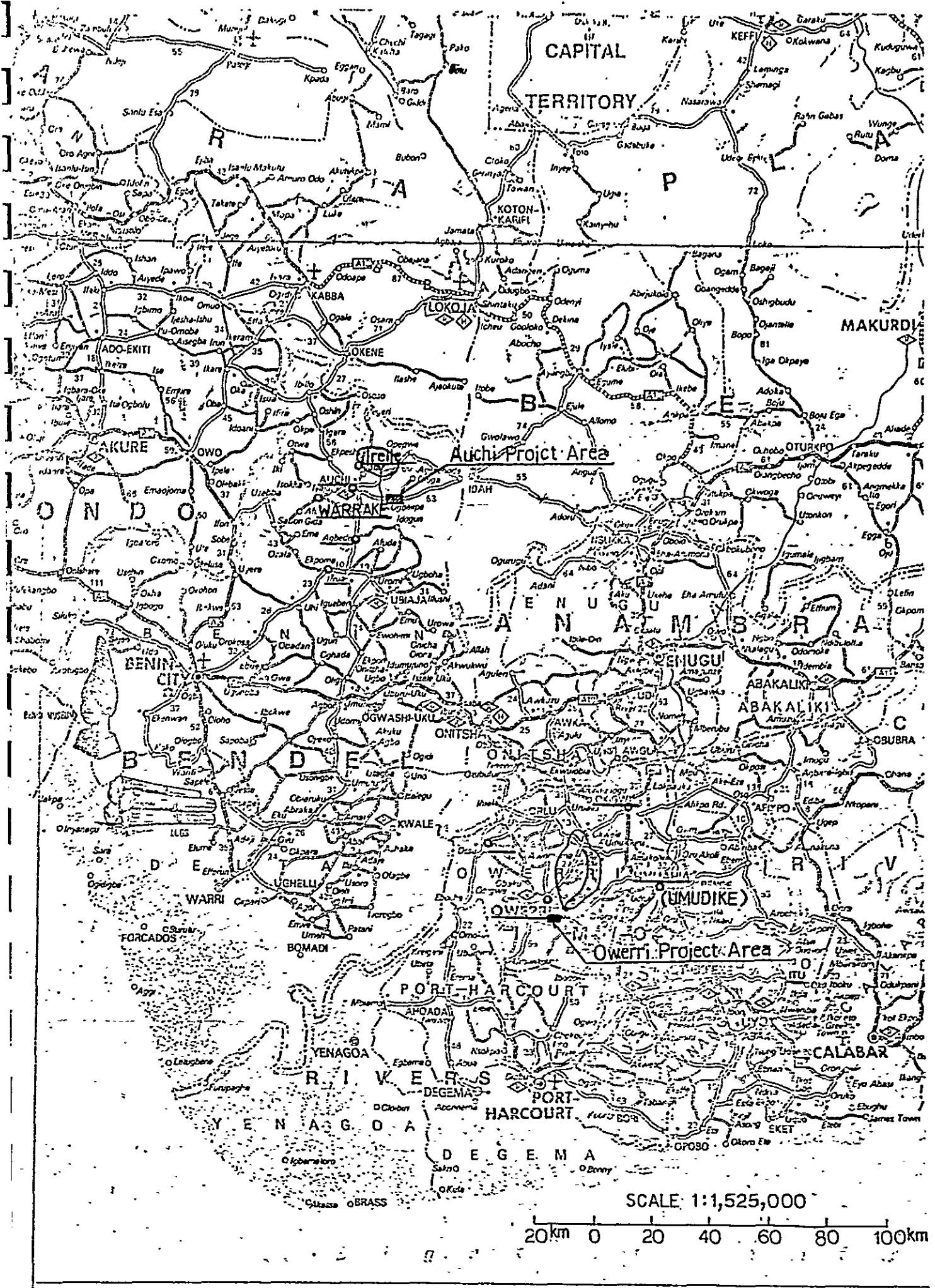
Latitude : 7^o04'N
Longitude : 6^o14'E
Height : 800 ft

Daily Rainfall 1961 - Jan. 1977

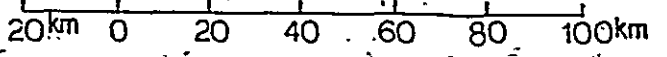
(5) Agbede Farm

Height : 300 ft

Daily Rainfall 1973 - 1976



SCALE 1:1,525,000



APPENDIX 3 METEO-HYDROLOGICAL DATA

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DAILY RAINFALL RECORD

Station: ALAVAN IKOKU COLLEGE OF EDUCATION

River Basin _____ Basin No. _____ Station No. _____ Location N. $1^{\circ} 59'$ E. $7^{\circ} 01'$ E.L. 230 ft.

Station Site _____ Drainage Area _____ km² Year 1973

Day \ Month	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	Annual
	1						18.0	51.7	19.1	1.8			
2				0.8	1.0	1.3		2.3	66.3	8.1			
3				6.4					9.7	35.0	2.0	4.6	
4				15.2	7.4	22.9			16.0	17.8			
5					59.7	6.1		27.2					
6					7.4			10.2	1.8	1.0		4.1	
7					2.0		15.2	17.8	6.4		22.9	23.1	
8	38.1						12.7	20.8	9.4	9.1			
9							8.9	18.3		28.2			
10								2.5	51.6	49.5			
11				9.4		38.1	3.8	20.6	0.5	17.8			
12			0.6				9.4	4.1	27.7				
13				30.5		1.3		0.3	25.9	6.6			
14			17.8	2.8				4.1	51.6			3.0	
15			1.3		12.7			22.9	8.4	19.3			
16						12.7		28.2	2.0				
17				83.1	2.8	7.6		16.0	2.3				
18		0.8			49.3	17.8		5.3		12.2			
19	0.5			2.0		11.9	11.4		0.8	11.9			
20								40.9		1.0			
21		12.7		28.6		2.8	16.0	46.5	2.5				
22			12.7	12.2	13.5	63.9		67.1	0.3				
23						6.9	1.0	27.7	1.0	29.0			
24					41.1	12.7	63.2						
25			33.8		22.1	1.5	1.0	4.8					
26		8.4	1.0	12.7		16.5	9.1	14.0	6.1	2.0			
27						19.3	1.5	0.8	39.4	2.3			
28	19.6		30.5			19.3	11.7	1.5	39.4	0.5			
29			2.0	15.5	6.4		0.6	1.0	0.5				
30	18.8				19.1	19.3	56.9	2.0		1.5			
31					2.0		55.4	0.8		6.4		2.3	
Total	77.0	21.8	99.7	219.1	296.4	299.8	228.4	411.5	372.4	254.3	24.9	27.0	
Number of rainy day	4	3	8	12	14	19	17	27	23	19	2	5	
Max. within one recorded day (Date)	38.1 (8)	12.7 (21)	33.8 (25)	83.1 (17)	59.7 (5)	63.9 (22)	63.2 (24)	67.1 (22)	66.3 (2)	44.5 (10)	22.9 (7)	23.1 (7)	()
Max. intensity	6 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	3 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	1 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
Summary of all recorded years starting from 19 ~ 19													
Average													
Mar. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Min. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Daily Max.	1-day			2-day			3-day				Original		

DAILY RAINFALL RECORD

Station: ALAYAN / KOKU COLLEGE OF EDUCATION

River Basin _____ Basin No. _____ Station No. _____ Location N. \leftarrow 29' E. 7° 01' E.L. 230 m⁺

Station Site _____ Drainage Area _____ Km² Year 1974

Day	Month												Annual
	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	
1						32.3			23.1	5.3			
2				29.5	23.9	0.8			14.0	6.1			
3				21.6					1.8	26.2			
4					98.3	9.7	26.9			31.5			
5						0.4	10.2		14.0		21.8		
6						5.1	13.6		0.3				
7					3.8				1.8	2.3			
8				1.7	20.3	0.4			4.6	31.8			
9				47.0	2.0	29.2		76.2		29.2			
10			56.4						27.2	6.9			
11							5.1		15.5	25.4			
12			11.2		37.1		14.7	32.1	43.2	13.5			
13			10.2		1.0	0.6	1.5	5.8	1.8	2.8	10.2		
14					11.9	6.6	116.1	13.5	1.3				
15							28.2	88.9	4.3				
16					5.1	14.7	12.7	6.1	5.8				
17		5.1				14.7	3.8	8.4	4.1				
18						12.3				26.4			
19				30.2			78.2		5.3				
20		2.5				31.8	25.7		101.6				
21					7.4	14.7	7.1	26.2	0.8				
22				12.2	2.0		1.3	14.0	4.6	1.8			
23		22.1		3.1			5.8	1.8	2.3				
24						2.5	6.1	3.0	2.9				
25			27.7			6.1	12.5	9.1	3.0	1.4			
26					17.8	1.3	53.3	15.3	3.8				
27						85.1	27.4	6.4					
28					4.6	0.5	2.8	1.3	17.8				
29						17.3	12.7	14.7	2.3	14.5			
30					1.0	5.1		5.6	3.6				
31			1.4		50.8		13.5	52.3		22.2			
Total		29.7	110.7	145.2	286.5	296.0	536.4	386.6	316.5	253.1	32.0		
Number of rainy day		3	5	7	15	21	22	18	26	16	2		
Max. within one recorded day (Date)	()	22.1 (23)	56.4 (10)	47.0 (9)	50.8 (31)	85.1 (27)	116.1 (14)	88.9 (15)	101.6 (20)	31.8 (8)	21.8 (5)	()	()
Max. Intensity	6 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	3 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	1 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
Summary of all recorded years starting from 19 ~ 19													
Average													
Mar. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Min. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Daily Max.	1-day			2-day			3-day			Original			

DAILY RAINFALL RECORD

Station: ALAVAN IKOKU COLLEGE OF EDUCATION

River Basin _____ Basin No. _____ Station No. _____ Location N. 5° 29' E. 1° 01' E.L. 230 ^{ft}

Station Site _____ Drainage Area _____ km² Year 1975

Month Day	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	Annual
	1					12.7		17.8	2.0	23.6	3.8		
2					57.4		0.1	0.3	0.6	27.7	0.3		
3			25.9			17.0		27.0	0.5				
4						8.9	19.6		10.9				
5					3.6	18.5		24.2	48.5	12.4			
6				7.6			69.6	11.8	8.9	16.5			
7				16.0	11.9			9.4	54.6	6.4	3.0		
8							16.3		8.1				
9					12.2			24.6			24.9		
10				18.5			2.0	1.2	0.0	9.7			
11					2.3		1.2	59.2	13.5		6.9		
12				5.1	3.0		21.3		22.9				
13				2.0			7.6		2.3	4.3			
14				6.9		21.6		2.2	7.6				
15				0.5			32.8	6.3	3.6	13.5			
16					10.7	0.5	0.8		1.8				
17			29.0		22.9	1.0				4.8	23.6		
18				28.2	15.2				67.1				
19					3.0	1.3		18.8	12.2				
20				2.5			43.7		0.1	1.5			
21			1.3			7.6	2.8		8.9				
22					6.9	2.3	10.4		50.9				
23					13.0			2.4	45.7				
24		36.8						7.3	1.8				
25				10.2		11.4		10.7	59.7	11.9		22.9	
26			-27.4						15.5	38.1			
27		19.1		12.4				2.0		18.0			
28					1.8		43.2		67.1	0.2			
29						8.9	23.1		11.7	4.1			
30				19.3	14.7	0.5			18.3	46.0			
31					46.0		35.8	1.0		6.6			
Total		55.9	83.6	129.2	223.2	98.6	348.0		586.9	225.5	58.2	22.9	
Number of rainy day		5	4	12	16	12	17		27	17	5	1	
Max. within one recorded day (Date)	()	36.8 (24)	29.0 (17)	28.2 (18)	59.4 (2)	21.6 (14)	69.6 (6)	59.2 (11)	67.1 (8-29)	46.0 (30)	24.4 (9)	22.9 (25)	()
Max. intensity	6 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	3 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	1 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
Summary of all recorded years starting from 19 ~ 19													
Average													
Mar. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Min. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Daily Max.	1-day			2-day			3-day				Original		

DAILY RAINFALL RECORD

Station: ALAVAN IKOKU COLLEGE OF EDUCATION

River Basin _____ Basin No. _____ Station No. _____ Location N. $5^{\circ} 29'$ E. $7^{\circ} 01'$ EL. $220 \frac{ft}{m}$

Station Site _____ Drainage Area _____ Km^2 Year 1976

Day	Month												Annual
	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	
1		14.0				6.7	7.6	5.3				10.2	
2						82.8	1.0						
3							26.7			52.6			
4		51.4				25.4	18.0						
5						10.9	29.2	3.6				25.9	
6					8.9		7.6	3.8					
7				11.4	13.0		9.4			29.0		0.5	
8					27.9		28.2	5.6					
9					4.6	0.2		4.1	3.6				
10			102.4	8.4		68.2	7.4	20.8		19.8			
11						46.2				6.9			
12		2.2				4.8	7.1						
13						0.5			8.9	16.8			
14					1.7	29.5	7.4	9.9	9.7	20.8			
15				29.1	2.6		5.8	25.4		64.3			
16				4.6			3.0	11.9		64.3			
17			38.9	40.6	1.5	10.2		25.4		43.2			
18					10.2	40.6	6.4		29.5	35.8			
19						168.7	19.8	17.8		8.9			
20			20.3		3.6		29.1	0.3	65.0			22.9	
21							3.3	9.8		5.3		29.2	
22		15.2					1.8		19.1				
23				28.1		20.1	21.6	28.7				29.2	
24			25.4					33.5					
25		30.5				26.2	30.0	9.7	52.8	36.1			
26		28.2					10.7			7.6			
27					2.5		3.8		15.0				
28					32.0				8.4				
29			30.7	49.5	25.4				25.4				
30			6.9		3.6								
31			28.2		4.1		5.3			10.2			
Total		141.5	252.8	176.8	159.0	541.2	287.3	210.6	338.3	423.4	36.6	81.3	
Number of rainy day		6	7	7	14	15	23	16	10	15	3	3	
Max. within one recorded day (Date)	()	51.4 (4)	102.4 (10)	49.5 (29)	32.0 (28)	168.7 (19)	30.0 (25)	33.5 (24)	65.0 (20)	64.3 (15on 7)	25.9 (5)	29.2 (20)	()
Max. intensity	6 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	3 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	1 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
Summary of all recorded years starting from 19 ~ 19													
Average													
Mar. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Min. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Daily Max.	1-day			2-day			3-day			Original			

DAILY RAINFALL RECORD

Station: Meteorological Services (Dweri)

River Basin _____ Basin No. _____ Station No. _____ Location N. 5° 29' E. 7° 02' EL. 91. m

Station Site _____ Drainage Area _____ km² Year 1974

Month Day	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	Annual
	1	0.0	0.3	0.0	0.0	12.2	42.2	3.6	0.4	26.5	3.2	0.0	0.0
2	0.0	0.0	0.0	64.0	Tr	1.2	0.0	0.0	12.1	6.6	0.0	0.0	
3	0.0	0.0	0.0	24.4	111.8	0.0	0.4	0.0	2.8	0.0	0.7	0.0	
4	0.0	0.0	0.0	4.5	5.0	5.0	15.7	0.0	0.2	27.7	0.1	0.0	
5	0.0	0.0	0.0	0.0	1.0	8.1	7.8	Tr	14.3	22.0	22.1	0.0	
6	0.0	0.0	0.0	0.0	2.4	3.5	14.1	0.4	0.5	0.4	0.0	0.0	
7	0.0	0.0	0.0	0.0	15.0	0.0	0.0	2.9	1.4	2.6	0.0	0.0	
8	0.0	0.0	0.0	3.0	2.0	0.2	0.0	0.4	5.1	13.5	0.0	0.0	
9	0.0	0.0	0.2	47.0	0.0	36.0	0.0	65.2	0.0	27.5	0.0	0.0	
10	0.0	0.0	37.4	0.0	0.0	0.0	0.0	0.0	23.5	6.5	0.0	0.0	
11	0.0	0.0	0.0	0.0	45.5	0.0	3.0	0.2	22.1	0.6	0.0	0.0	
12	0.0	0.0	5.6	1.0	0.0	Tr	19.7	36.8	40.1	Tr	0.5	0.0	
13	0.0	0.0	10.4	1.9	0.3	Tr	0.7	5.5	2.3	25.0	3.0	0.0	
14	0.0	2.8	0.0	2.5	10.5	6.0	75.8	18.4	1.1	12.0	0.0	0.0	
15	0.0	0.0	0.0	0.0	1.5	0.4	34.3	8.7	5.0	4.0	0.0	0.0	
16	0.0	0.0	0.0	Tr	6.7	7.2	22.2	12.7	5.7	Tr	0.0	0.0	
17	0.0	0.6	0.0	Tr	0.0	0.0	42.5	5.4	6.5	26.1	0.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	20.3	0.0	0.0	Tr	Tr	0.0	0.0	
19	0.0	0.0	0.0	42.2	0.0	0.0	102.0	0.0	2.9	0.0	0.0	0.0	
20	0.0	15.0	0.0	0.0	8.1	34.7	30.6	0.0	81.1	0.0	0.0	0.0	
21	0.0	0.0	0.0	12.0	1.0	14.1	5.7	42.4	0.7	0.8	0.0	0.0	
22	0.0	0.5	0.0	2.8	2.0	0.0	2.0	24.4	3.7	0.8	0.0	0.0	
23	0.0	27.0	0.0	33.0	Tr	1.0	2.1	9.8	4.7	0.0	0.0	0.0	
24	0.0	0.0	0.0	1.3	0.3	4.6	6.2	3.9	3.8	0.8	0.0	0.0	
25	0.0	0.0	22.1	0.8	0.0	0.3	18.3	6.0	3.1	Tr	0.0	0.0	
26	0.0	0.0	0.0	Tr	15.6	53.6	10.2	15.5	2.1	0.7	0.0	0.0	
27	0.0	0.0	0.0	0.0	0.2	19.9	39.4	17.1	2.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	Tr	3.0	1.0	1.2	0.9	9.4	0.0	0.0	0.0	
29	0.0	x	0.0	0.0	0.0	21.5	8.4	28.0	11.2	23.7	0.0	0.0	
30	0.0	x	9.7	0.0	0.3	0.0	1.3	1.5	6.0	2.7	0.0	0.0	
31	0.0	x	1.3	Tr	65.5	x	71.9	70.7	x	27.5	0.0	0.0	
Total	0.0	46.2	86.7	240.4	309.9	280.4	580.9	377.0	300.5	244.7	2.64	0.0	
Number of rainy day	0	5	7	14	17	18	25	22	27	21	4	0	
Max. within one recorded day (Date)	()	(23)	(10)	(2)	(3)	(26)	(19)	(31)	(20)	(31)	(5)	()	()
Max. intensity	6 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	3 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	1 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
Summary of all recorded years starting from 19 ~ 19													
Average													
Mar. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Min. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Daily Max.	1-day			2-day			3-day			Original			

DAILY RAINFALL RECORD

Station: Meteorological Service
(Owerri)

River Basin _____ Basin No. _____ Station No. _____ Location N. 5°29' E. 7°02' EL. 91 m

Station Site _____ Drainage Area _____ Km² _____ Year 1975

Month Day	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	Annual
	1	0.0	0.0	0.0	0.0	0.0	0.0	18.0	2.0	19.2	1.6	9.2	0.0
2	0.0	0.0	27.7	0.0	0.0	0.0	0.3	0.3	0.0	26.6	0.0	0.0	
3	0.0	0.0	0.0	Tr	53.6	22.1	0.0	47.0	0.0	7.9	0.0	0.0	
4	0.0	0.0	0.0	1.0	0.0	6.7	11.3	0.0	4.0	Tr	0.0	0.0	
5	0.0	0.0	0.0	0.0	5.6	6.0	1.0	34.2	44.7	2.2	0.0	0.0	
6	0.0	0.0	0.0	2.0	Tr	7.2	68.5	11.8	13.2	23.0	0.0	0.0	
7	0.0	0.0	0.0	20.6	21.4	23.5	0.0	9.4	48.6	10.7	4.0	0.0	
8	0.0	Tr	0.0	Tr	0.0	Tr	22.3	0.0	10.5	0.0	0.1	0.0	
9	0.0	Tr	0.0	Tr	9.5	3.9	0.0	34.6	0.5	0.0	24.0	0.0	
10	0.0	0.0	0.0	13.9	Tr	0.0	1.8	1.2	0.0	2.8	Tr	0.0	
11	0.0	0.0	0.0	0.0	3.0	3.5	9.6	59.2	12.0	0.0	0.0	0.0	
12	0.0	0.0	0.0	0.0	4.3	0.0	32.5	0.0	19.8	Tr	5.0	0.0	
13	0.0	0.0	0.0	1.8	0.0	0.5	4.2	0.0	1.7	2.4	0.0	0.0	
14	0.0	0.0	0.0	10.3	0.0	29.7	0.0	2.2	6.2	0.0	0.0	0.0	
15	0.0	0.0	Tr	Tr	9.5	0.0	34.2	6.3	3.5	14.0	1.1	0.0	
16	0.0	0.0	0.0	Tr	26.4	1.2	1.2	Tr	5.0	0.0	0.0	0.0	
17	0.0	0.0	41.7	0.0	19.0	0.9	12.7	Tr	0.0	6.0	27.4	0.0	
18	0.0	0.0	0.0	41.3	3.5	0.0	Tr	0.0	53.1	Tr	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	3.2	Tr	18.8	8.1	0.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	0.0	0.0	35.2	0.0	0.7	1.2	0.0	0.0	
21	0.0	0.0	Tr	2.6	2.9	5.1	3.2	0.0	14.4	0.0	0.0	0.0	
22	0.0	22.9	0.0	0.0	8.9	9.4	11.1	0.0	45.0	1.2	0.0	0.0	
23	0.0	0.0	0.8	0.0	0.0	0.0	Tr	2.4	45.5	0.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	0.0	0.4	0.0	7.3	6.0	0.0	0.0	0.0	
25	0.0	0.0	Tr	6.5	0.0	14.2	0.0	10.7	51.3	0.0	0.0	30.2	
26	0.0	22.2	25.4	0.0	0.0	Tr	0.0	0.0	7.8	15.0	0.0	0.0	
27	0.0	0.0	0.0	12.1	0.0	0.0	0.6	2.0	1.0	23.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	2.4	0.0	24.5	Tr	49.0	18.6	0.8	0.0	
29	0.0	0.0	0.0	13.5	0.0	0.0	13.3	Tr	2.3	Tr	44.5	0.0	
30	0.0	0.0	0.0	0.0	0.0	18.4	0.2	0.0	17.0	12.0	0.0	0.0	
31	0.0	0.0	Tr	14.0	15.2	0.2	44.1	1.0	x	33.1	x	0.0	
Total	0.0	51.1	95.6	138.6	239.2	156.1	358.6	250.4	498.1	207.3	116.1	30.2	
Number of rainy day	0	3	4	11	15	18	19	17	26	17	8	1	
Max. within one recorded day (Date)	()	(22)	(17)	(18)	(3)	(14)	(6)	(11)	(18)	(2)	(29)	(25)	()
Max. intensity	6 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	3 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	1 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
Summary of all recorded years starting from 19 ~ 19													
Average													
Mar. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Min. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Daily Max.	1-day			2-day			3-day				Original		

DAILY RAINFALL RECORD

Station: Metereological Services
(Owerri)

River Basin _____ Basin No. _____ Station No. _____ Location N. 5° 29' E. 9° 02' EL. 91 m
Station Site _____ Drainage Area _____ km² Year 1976

Month Day	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	Annual
	1	0.0	0.0	0.0	Tr	4.6	5.3	5.1	0.6	0.0	18.6	0.6	0.0
2	0.0	9.4	0.0	Tr	0.5	20.3	Tr	2.5	Tr	1.3	Tr	0.0	
3	0.0	0.8	0.0	Tr	Tr	51.1	21.7	0.0	0.6	40.0	22.8	0.0	
4	0.0	56.6	0.0	Tr	0.0	0.0	1.4	0.0	8.2	0.5	Tr	0.0	
5	0.0	0.0	1.0	0.0	0.0	27.3	10.6	1.3	9.7	0.0	0.3	0.0	
6	0.0	0.0	0.0	0.0	5.5	0.5	7.7	3.5	0.2	0.0	3.5	0.0	
7	0.0	0.0	0.0	5.3	12.6	Tr	9.2	0.0	0.1	45.4	6.8	0.0	
8	0.0	0.0	0.0	18.0	3.5	0.0	21.5	12.6	4.3	0.3	0.0	0.0	
9	0.0	0.0	0.0	6.5	0.0	2.7	1.0	4.8	3.3	3.5	0.0	0.0	
10	0.0	0.0	93.1	0.5	3.2	105.3	3.3	20.6	0.0	30.5	0.8	0.0	
11	0.0	0.0	3.0	0.0	0.0	46.0	7.8	Tr	0.3	13.0	0.0	0.0	
12	0.0	17.7	Tr	0.0	0.0	4.4	6.8	0.0	Tr	0.0	0.0	0.0	
13	0.0	0.7	0.7	0.0	0.0	Tr	Tr	0.2	15.2	15.0	0.0	0.0	
14	0.0	0.0	Tr	27.4	12.6	22.0	5.0	18.3	3.9	22.4	0.0	0.0	
15	0.0	0.0	1.0	5.8	0.8	Tr	5.4	10.0	0.8	11.2	Tr	0.0	
16	0.0	0.0	26.0	42.7	2.3	0.0	2.4	23.5	2.8	43.8	0.0	0.0	
17	0.0	0.0	0.0	0.0	0.3	10.4	Tr	38.0	3.7	13.1	0.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	30.2	3.3	0.4	21.5	24.8	18.0	0.0	
19	0.0	0.0	2.2	0.0	9.7	16.4	22.5	22.2	0.6	5.5	1.4	0.0	
20	Tr	0.0	0.0	0.0	3.8	2.0	27.9	2.6	54.9	7.2	0.0	33.3	
21	0.0	13.7	0.0	0.0	7.6	0.0	3.0	5.6	Tr	4.8	0.0	0.0	
22	0.0	0.0	0.0	0.0	0.0	17.8	0.0	0.0	11.6	2.4	0.0	0.0	
23	0.0	0.0	26.3	34.3	0.0	17.5	13.5	32.0	8.2	3.8	0.0	30.7	
24	0.0	0.0	0.0	0.0	0.4	Tr	0.8	6.5	63.3	38.8	0.0	0.0	
25	0.0	25.0	0.0	0.0	Tr	27.5	26.4	Tr	3.6	Tr	0.0	0.0	
26	0.0	29.5	0.0	0.7	Tr	0.0	5.7	1.3	0.1	26.0	Tr	0.0	
27	0.0	0.0	0.0	0.0	3.5	1.2	4.2	1.5	14.5	11.9	0.0	0.0	
28	0.0	1.0	19.5	0.0	13.9	Tr	0.5	7.4	5.5	0.6	0.0	0.0	
29	0.0	4.2	0.0	73.6	32.4	0.0	3.0	46.4	0.0	1.7	0.0	3.4	
30	0.0	X	9.3	0.0	4.5	3.6	0.6	0.2	0.0	0.0	0.0	35.2	
31	0.0	X	27.1	X	2.2	X	0.0	3.0	X	4.5	X	0.0	
Total	0.0	158.6	209.0	210.8	133.9	409.5	220.3	215.0	237.4	400.7	53.7	102.6	
Number of rainy day	0	10	10	10	17	18	21	24	21	26	8	4	
Max. within one recorded day (Date)	()	56.6 (4)	93.1 (10)	73.6 (29)	32.4 (29)	105.3 (10)	27.9 (20)	46.4 (29)	63.3 (24)	45.4 (7)	22.8 (3)	35.2 (30)	()
Max. intensity	6 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	3 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	1 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
Summary of all recorded years starting from 19 ~ 19													
Average													
Mar. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Min. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Daily Max.	1-day			2-day			3-day			Original			

DAILY RAINFALL RECORD

Station: UMUDIKE

River Basin _____ Basin No. _____ Station No. _____ Location N. 5° 29' E. 7° 33' EL. 400 ft

Station Site _____ Drainage Area _____ km² Year 1971

Month Day	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	Annual
	1				0.50	0.00	0.00	0.00	59.90	86.60	0.00	0.00	0.00
2				3.80	0.00	26.80	15.20	2.50	20.60	1.30	0.00	0.00	
3				0.00	0.00	1.00	13.00	18.00	10.20	47.20	0.00	0.00	
4				3.80	0.00	0.30	36.80	18.00	18.30	0.00	0.00	0.00	
5				2.30	0.00	0.00	15.50	44.20	1.50	1.80	0.00	0.00	
6					0.00	10.70	9.40	29.90	47.80	1.00	0.00	0.00	
7				0.00	0.00	15.50	11.20	0.00	17.30	0.80	0.00	0.00	
8				0.00	2.80	16.80	4.60	109.40	4.80	75.40	0.00	0.00	
9				4.83	9.40	0.00	80.00	8.90	7.70	1.80	0.00	9.70	
10				6.40	2.50	18.50	0.50	4.60	1.00		0.00	0.00	
11				6.10	0.00	64.00	0.00	39.00	1.00	37.30	0.00	0.00	
12				0.70	0.00	0.00	6.60	31.80	1.80	0.00	0.00	0.00	
13				1.00	0.00	29.90	0.00	9.90	13.90	0.00	0.00	0.00	
14				1.00	0.00	25.70	0.25	1.00	7.10	0.00	0.00	0.00	
15				0.00		5.30	76.40	11.20	1.00	0.00	0.00	0.00	
16				7.60	0.00	0.00	11.80	22.10	26.40	34.90	0.00	0.00	
17				1.00	4.60	0.50	1.00	4.10	2.00	10.20	0.00	0.00	
18				24.10	0.00	5.80	43.70	1.00	0.00	0.00	1.50	0.00	
19				1.00	20.60	0.00	14.00	2.50	3.80	2.50	0.00	0.00	
20				0.00	2.00	0.00	4.90	3.00	2.00	0.00	0.00	0.00	
21				0.00	0.00	1.00	3.80	4.30	1.50	0.00	0.00	0.00	
22				2.80	39.60	4.60	0.00		35.80	5.30	0.00	0.00	
23				0.00	0.00	6.10	91.20	0.00	5.80	0.00	0.00	0.00	
24				0.00	5.10	0.00	14.00	16.30	2.30	0.00		0.00	
25				0.50	3.80	6.80	7.90	1.00	0.00	0.00	0.00	0.00	
26				34.30	0.00	2.30	0.00	0.80	0.50	0.00	0.00	0.00	
27				0.00	0.00	23.60	20.30	0.00	22.90	0.00	0.00	0.00	
28				1.00	70.10	0.00	4.60	0.00	0.00	0.00	0.00	0.00	
29				0.00	0.00	0.00	0.00	12.00	5.60		0.00	0.00	
30				2.04	0.00	6.60	1.30	1.00	0.00	0.00	47.20	0.00	
31					61.40		11.90	66.00		0.00		0.00	
Total				100.30	216.90	277.10	507.20	503.70	348.00	218.40	48.30	10.40	
Number of rainy day				13	11	18	24	23	23	11	2	2	
Max. within one recorded day (Date)	()	()	()	34.3 (26)	56.4 (31)	64.0 (11)	91.2 (23)	104.4 (8)	86.6 (1)	75.4 (8)	47.2 (30)	9.7 (7)	()
Max. intensity 6 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()	()
Max. intensity 3 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()	()
Max. intensity 1 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()	()
Summary of all recorded years starting from 19 ~ 19													
Average													
Mar. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Min. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Daily Max.	1-day			2-day			3-day			Original			

DAILY RAINFALL RECORD

Station: UMUDIKE

River Basin Basin No. Station No. Location N. 5°29' E. 7°33' E.L. 400ft

Station Site Drainage Area Km² Year 1972

Month Day	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	Annual
	1	0.00	0.00	0.00	5.10	0.00	0.00	1.00	1.50	24.90	11.40	1.50	0.00
2	0.00	0.00	0.00	0.00	54.10	22.10	0.00	0.00	18.30	13.20	0.00	0.00	
3	0.00	0.00	1.30	0.00	76.20	8.40	1.00	31.50	17.80	1.50	0.00	0.00	
4	0.00	0.00	0.00	0.00	0.00	0.00	2.30	4.80	31.50	29.70	4.80	0.00	
5	0.00	0.00	15.20	47.50	0.00	14.20	19.60	1.50	19.10	0.00	0.00	0.00	
6	0.00	0.00	0.00	0.30	13.50	0.00	6.90	23.60	1.80	2.00	0.00	0.00	
7	0.00	0.00	0.00	66.30	0.80	0.00	0.00	7.90	4.60	10.40	0.00	0.00	
8	0.00	0.00	0.00	0.30	0.00	12.70	30.00		4.30	1.00	0.00	0.00	
9	0.00	0.00	0.00	55.40	9.10	0.00	0.80	13.00	2.20	0.00	0.00	0.00	
10	0.00	0.00	0.00	0.00	0.00	1.80	14.70	2.00	20.10	0.00	0.00	0.00	
11	0.00	0.00	0.00	0.00	36.60	3.00	0.50	11.20	1.50	2.00	0.00	0.00	
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.10	0.00	0.00	0.00	0.00	
13	0.00	0.00	2.30	0.30	0.00	5.60	0.00	0.00	0.00	19.20	0.00	0.00	
14	0.00	0.00	2.00	0.00	0.00	0.00	2.30	0.00	0.00	2.00	0.00	0.00	
15	0.00	0.00	5.10	6.10		0.50	11.20		9.10	16.30	0.00	0.00	
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.50	2.50	2.30	0.00	0.00	
17	0.00	0.00	2.30	53.10	0.50	2.50	1.50	0.80		0.00	0.00	0.00	
18	0.00	0.00	0.00	0.00	0.00	17.80	0.80	69.00	21.60	0.00	0.00	0.00	
19	0.00	0.00	51.60	3.60	1.30	0.00	0.00	4.80	4.60	2.50	0.00	0.00	
20	0.80	0.00	53.80	7.40	0.00	0.00	11.90	30.70	3.80	0.00	0.00	0.00	
21	0.00	0.00	0.00	0.00	7.20	1.30	98.50	40.40	0.00	0.00	0.00	0.00	
22	0.00	0.00	4.60	15.20	0.30	0.00	1.50	13.70	8.60	0.00	0.00	0.00	
23	0.00	0.00	0.00	0.00		0.00	5.60	0.90	0.00	0.00	0.00	0.00	
24	0.00	0.00	0.00	0.00	0.00	5.60	0.80	4.80	0.00	15.20	0.00	0.00	
25	0.00	4.10	0.00	1.00	0.00	0.00	3.00	0.80		10.20	0.00	0.00	
26	0.00	0.00	0.00	19.30	18.00	0.00	0.00	3.30	30.50		0.00	0.00	
27	0.00	43.10	0.00	2.30	1.00	0.00	11.40	0.00	9.90	11.40	0.00	0.00	
28	0.30	0.00	0.00	0.00	0.00	3.00	0.00	69.50	2.00	5.80	0.00	0.00	
29	0.00	0.00	0.00	0.00	0.00	0.00	4.10	56.90	0.00	0.00	0.00	0.00	
30	0.00		0.00	0.00	19.00	2.80	50.80	11.90	5.80	0.00	0.00	14.00	
31	0.00		0.00		20.80		36.80	39.80		0.00			
Total	1.00	48.00	138.20	285.00	224.00	101.30	275.90	461.30	294.40	151.40	6.40	14.00	
Number of rainy day	2	2	7	15	15	14	23	25	21	17	2	1	
Max. within one recorded day (Date)	0.8 (20)	43.1 (27)	53.8 (20)	66.3 (7)	54.1 (2)	22.1 (2)	78.5 (21)	69.3 (48)	31.5 (4)	29.7 (4)	4.8 (4)	14.0 (30)	()
Max. intensity 6 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()	()
Max. intensity 3 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()	()
Max. intensity 1 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()	()
Summary of all recorded years starting from 19 ~ 19													
Average													
Mar. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Min. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Daily Max.	1-day			2-day			3-day			Original			

DAILY RAINFALL RECORD

Station: UMUDIKE

River Basin _____ Basin No. _____ Station No. _____ Location N. 5°29' E. 7°33' E.L. 400 ft

Station Site _____ Drainage Area _____ Km² _____ Year 1973

Month Day	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	Annual
	1	0.00	0.00	0.00	16.80	0.30	22.90	16.30	2.00	6.40	0.00	0.00	0.00
2	0.00	0.00	0.00	3.30	0.00	0.00	0.00	0.00	15.00	16.80	0.00	0.00	
3	0.00	0.00	0.00	0.00	3.00	1.00	0.00	1.80	58.70	2.90	0.00	0.00	
4	0.00	0.00	0.00	26.20	13.00	47.00	0.80	20.30	4.30	11.70	0.00	0.00	
5	0.00	0.00	0.00	1.00	27.90	20.20	0.00	24.10	0.00	0.00	0.00	0.00	
6	0.00	0.00	0.00	0.00	29.90	0.30		1.80	1.30	0.00	0.00	54.90	
7	0.00	0.00	0.00	0.00	0.00	1.30	4.80	0.00	5.10	0.00	9.10	1.00	
8	65.80	0.00	0.00	0.00	1.80	2.00			85.90	14.70	0.00	1.00	
9	0.50	0.00	0.00	0.00	0.00	0.00	4.80	25.10	11.90	19.60	0.00	0.00	
10	0.00	0.00	0.00	0.00	0.00	116.10	9.40	4.10	8.90	41.40	0.00	0.00	
11	0.00	0.00	0.00	78.50	0.00		45.00	1.50	0.30	18.00	0.00	0.00	
12	0.00	0.00	0.00	0.00	1.50	0.00		0.00	8.90	0.00	0.00	0.00	
13	0.00	0.00	0.00	3.80	0.00	0.00	0.00	11.40	4.60	3.60	0.00	1.00	
14	0.00	0.00	0.00	13.70	0.00	23.40	0.00	29.40	1.80		0.00	0.80	
15	0.00	0.00	11.00	0.00	65.30	38.10	0.00	10.20	8.90	16.30	0.00	0.00	
16	0.00	6.40	11.70	0.00	37.30	12.40	0.30	15.70	10.20	0.00	0.00	0.00	
17	0.00	0.00	0.00	4.60	42.40	0.00	0.00	13.50	8.60	0.00	0.00	0.00	
18	0.00	1.80	0.00	0.00	0.00	87.10	1.80	11.90	0.00	0.00	0.00	0.00	
19	0.00		0.00	23.60	0.00	9.70	4.10	45.70	0.00	8.60	0.00	0.00	
20	0.00	61.30	0.00	18.30	0.00	15.50	9.50	3.30	0.00	11.70	0.00	0.00	
21	0.00	1.20	0.00	34.80	0.00	65.50	0.50	19.10	0.00	0.00	0.00	0.00	
22	0.00	0.00	20.60	19.00	0.00	4.10	0.00	59.20	14.50	0.00	0.00	0.00	
23	0.00	0.00	0.80	1.00	10.40	0.80	0.00	19.10	49.70	21.30	0.00	0.00	
24	0.00	0.00	0.00	0.00	64.80	1.00	59.70	1.30	9.40	1.00	0.00	0.00	
25	0.00	0.00	14.70	0.00	0.00	25.00	27.70	10.90	0.00	0.50	0.00	0.00	
26	0.00	0.00	0.00	16.80	0.00	3.30	1.30	79.50	0.80	2.50	0.00	0.00	
27	0.00	0.00	0.00	2.30	2.30	5.80	0.00	1.00		7.40	0.00	0.00	
28	0.10	0.00	6.40	0.00	21.60	1.80	1.50	3.00	1.00	0.00	0.00	0.00	
29	0.00		7.10	62.60	0.00	0.00	7.60	4.80	1.30	2.00	0.00	0.00	
30	0.00		0.00	0.00	0.00	1.30	30.50	34.80	0.00	6.40	0.00	0.00	
31	0.00		0.00		0.00		4.80	8.60		0.00			
Total		75.40	70.30	72.60	325.10	315.70	516.40	254.30	459.00	362.00	208.50	0.10	62.70
Number of rainy day		3	4	7	15	14	23	19	27	22	18	1	5
Max. within one recorded day (Date)		65.8 (8)	61.3 (20)	20.6 (22)	78.5 (11)	65.3 (5)	65.5 (21)	59.7 (24)	72.5 (6)	85.9 (8)	41.8 (10)	81 (7)	58.9 (6)
Max. intensity	6 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	3 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	1 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
Summary of all recorded years starting from 19 ~ 19													
Average													
Mar. (Year)		()	()	()	()	()	()	()	()	()	()	()	()
Min. (Year)		()	()	()	()	()	()	()	()	()	()	()	()
Daily Max.	1-day				2-day		3-day			Original			

DAILY RAINFALL RECORD

Station: UMUDIKE

River Basin _____ Basin No. _____ Station No. _____ Location N. S° 29' E. 7° 33' E.L. 400 ft

Station Site _____ Drainage Area _____ km² Year 1974

Month Day	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	Annual
	1	0.00	0.80	0.00	0.00	0.00	2.90	2.30	3.60	3.80	3.80	0.30	0.00
2	0.00	1.00	0.00	5.80	0.00	1.00	0.00	1.00	2.00	1.30	0.00	0.00	
3	0.00	0.00	0.00	15.20	10.70	0.00	0.50	0.00	0.00	11.90	3.80	1.00	
4	0.00	0.00	0.00			23.90	32.80	0.50	11.90	14.20	0.80	0.00	
5	0.00	0.00	0.00	0.00	0.00	0.00	0.50	5.30	22.40	22.90	6.60	0.00	
6	0.00	0.00	0.00	0.00	2.00	11.70	0.70	14.20	0.00	0.00	0.00	0.00	
7	1.80	0.00	10.70	2.00	0.00	1.80	0.00	0.00	5.60	2.00	0.00	0.00	
8	0.00	0.00	0.00	0.00	1.80	0.00	0.00	2.00	1.50	3.00	0.00	0.00	
9	0.00	0.00	0.00	36.60	0.00	28.70	0.00	1.50	0.00	12.70	0.00	0.00	
10	0.00	0.00	14.00	0.00		0.00	1.80	0.00	21.80	26.20	0.00	0.00	
11	0.00	0.00	0.00	0.00	56.90	0.00	20.60	47.00	15.00		0.00	0.00	
12	0.00	0.00	23.80	2.30	0.00	0.00	3.60	18.00	18.00	27.70	7.10	0.00	
13	0.00	0.00	12.70	0.80	0.00	0.00	0.50	14.50	5.30	5.30	0.80	0.00	
14	0.00	0.00	0.00	0.80	21.50	1.50	1.70	2.30	9.70	1.80	0.00	0.00	
15	0.00	0.00	9.40	0.00	0.00	0.00	14.00	0.50	1.80	4.30	0.00	0.00	
16	0.00	0.00	0.00	1.30	15.20	6.10	9.00	1.50	18.80	1.00	0.00	0.00	
17	0.00		0.00	0.00	4.70	2.50	12.70	7.10	16.50	14.20	0.00	0.00	
18	0.00	0.00	0.00	0.00	0.00	50.00	0.00		0.00	0.00	0.00	0.00	
19	0.00	0.00	0.00	14.70	3.70	4.30	9.40	0.00		20.30	0.00	0.00	
20	0.00	0.00	0.00	0.00	18.50	65.00	0.00	0.00	55.90	0.00	0.00	0.00	
21	0.00	0.00	0.00	41.40		3.90	2.50	2.30	0.00	22.50	0.00	0.00	
22	0.00	1.50	4.30	24.90	14.00	0.00	0.00	50.30	15.50	2.80	0.00	0.00	
23	0.00	0.00	0.00	33.00	1.60	1.00	0.00	1.00	0.80	0.00	0.00	0.00	
24	0.00	0.00	0.00	0.00	0.00	40.40	9.00	0.80	0.80	4.60	0.00	0.00	
25	0.00	0.00	0.00	23.50	0.00	13.20	9.70	1.80	28.20	0.00	0.00	0.00	
26	0.00	0.00	0.00	0.00	1.00	11.40	27.90	1.30	13.70	5.80	0.00	0.00	
27	0.00	8.70	0.00	0.00	0.00	0.00	18.50	2.80	0.00	0.00	0.00	0.00	
28	0.00	0.00	0.00	0.00	4.60	4.80	11.20	2.00	11.20	0.00	0.00	0.00	
29	0.00		0.00	0.00	0.00	17.80	1.50	9.40		0.80	0.00	0.00	
30	0.00		0.50	0.00	0.00	1.50	5.30	1.70	1.30	17.50		0.00	
31	0.00		20.30		2.30		4.10	26.20		0.80		0.00	
Total	1.80	10.70	55.20	203.70	223.80	249.00	202.70	229.30	411.50	234.70	19.30	1.00	
Number of rainy day	1	3	8	12	15	17	23	25	22	22	6	1	
Max. within one recorded day (Date)	1.8 (7)	2.4 (27)	23.8 (12)	41.4 (21)	56.9 (11)	78.7 (9)	32.8 (8)	50.3 (22)	78.2 (25)	32.5 (21)	7.1 (12)	1.0 (3)	
Max. intensity	6 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	3 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	1 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
Summary of all recorded years starting from 19 ~ 19													
Average													
Mar. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Min. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Daily Max.	1-day			2-day			3-day			Original			

DAILY RAINFALL RECORD

Station: UMUDIKE

River Basin _____ Basin No. _____ Station No. _____ Location N. 5° 29' E. 7° 33' EL. 400 ^{ft}

Station Site _____ Drainage Area _____ Km² Year 1975

Month Day	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	Annual
1	0.00	0.00	1.30	1.00	0.00	2.10	12.70	0.00	23.80	0.00	0.00	0.00	
2	0.00	0.00	4.10	0.00	25.70	0.00	0.40	0.00	5.60	0.00	0.00	0.00	
3	0.00	0.00	7.00	0.00	1.30	0.00	0.00	9.70	1.20	0.00	0.00	0.00	
4	0.00	0.00	0.00	0.00	1.00	1.30	22.30	0.00	8.30	8.10	0.00	0.00	
5	0.00	0.00	0.00	0.00	5.10	19.50	0.00	31.50	80.00	12.20	0.00	0.00	
6	0.00	0.00	0.00	37.30	0.50	0.90	5.00	1.90	2.80	2.80	0.00	0.00	
7	0.00	0.00	0.00	14.20	7.60	1.70	0.00	0.50	32.50	49.90	7.10	0.00	
8	0.00	0.00	7.90	0.00	0.00	3.40	0.40	1.00	7.90	1.10	0.00	0.00	
9	0.00		0.00	0.00	8.40	0.00	0.00	38.70	0.00	15.00	39.50	0.00	
10	0.00	0.00	0.00	22.90	0.00	0.00	0.20	0.00	5.10	0.00	0.00	0.00	
11	0.00	0.00	0.00	0.00	8.90	62.50	12.90	9.70	0.50	0.00	1.90	0.00	
12	0.00	0.00	0.00	9.10	18.80	0.90	8.30	0.00	25.00	41.30	0.00	1.10	
13	0.00	0.00	0.00	2.30	0.00	15.70	4.30	0.00	3.20	18.70	0.00	0.00	
14	0.00	0.00	0.00	4.30	0.00	17.80	0.00	13.90	0.40	0.00	0.00	0.00	
15	0.00	0.00	0.00	0.00	32.00	0.00	50.30	0.30	0.80	14.30	0.00	0.00	
16	0.00	0.00	1.80	0.00	7.30	45.00	5.20	0.00	9.70	11.90	0.00	0.00	
17	0.00	0.00	7.80	0.00	19.60	16.80	5.50	0.40	0.50	2.80	26.50	0.00	
18	0.00	0.00	0.00	93.70	55.90	0.00	0.40	0.00	11.50	6.30	0.00	0.00	
19	0.00	0.00	0.00	0.02		5.70	0.00	0.80	1.20	0.00	0.00	0.00	
20	0.00	0.00	0.00	5.10	0.00	2.10	14.00	2.10	1.30	0.00	3.20	0.00	
21	0.00	0.00	0.00	1.80	8.64	0.30	0.90	0.00	22.5	0.00	0.00	0.00	
22	0.00	0.00	0.00	0.00	13.20	3.20	23.20	0.00	13.7	1.10	0.00	0.00	
23	0.00	4.80	0.50	0.00	11.70	0.00	0.00	0.00	32.2	0.00	0.00	0.00	
24	0.00	1.00		34.80	3.30	0.00	0.00	39.50	12.3	0.00	0.00	1.00	
25	0.00	0.00	0.00	50.30	10.90	2.90	0.00	4.80	0.30	25.50	0.00	6.20	
26	0.00	49.50	2.80	2.00	0.00	8.00	0.00	0.00	26.20	30.60	0.00	0.00	
27	0.00	0.00	10.90		0.00	0.00	0.00	5.20	11.00	23.10	0.00	0.00	
28	0.00	0.00	0.00	5.60	12.90	0.00	6.10	0.00	43.90	0.00	4.00	0.00	
29	0.00		0.00	0.00	0.00	25.40	1.00	2.00	0.00	5.20	28.00	0.00	
30	0.00		12.20		7.10	0.00	0.00	0.00	10.5	1.30	0.00	0.00	
31	0.00		17.30	50.00	58.70		4.00	2.00		19.60		0.00	
Total	0.00	57.70	64.00	330.50	310.70	239.50	177.10	164.00	393.9	285.8	105.20	1.20	
Number of rainy day		2	10	15	21	19	19	17	28	19	7	1	
Max. within one recorded day (Date)	()	49.5 (26)	12.3 (31)	137 (18)	58.7 (31)	62.5 (11)	50.3 (15)	39.5 (24)	80.0 (5)	49 (7)	38.5 (9)	6.2 (25)	()
Max. intensity													
6 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()	()
3 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()	()
1 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()	()
Summary of all recorded years starting from 19 ~ 19													
Average													
Mar. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Min. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Daily Max.	1-day			2-day			3-day				Original		

DAILY RAINFALL RECORD

Station: UMUDIKI

River Basin _____ Basin No. _____ Station No. _____ Location N. 5° 29' E. 7° 35' E.L. 400 ^{ft}

Station Site. _____ Drainage Area _____ Km² Year 1976

Month Day	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	Annual
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.10	0.00	0.60	1.10	0.00	
2	0.00	14.40	2.60	0.20	1.80	9.70	2.40	3.30	1.70	5.20	23.80	0.00	
3	0.00	6.00	0.00	0.00	0.00	0.40	17.80	0.00	4.70	21.70	8.50	0.00	
4	0.00	24.80	0.00	0.00	0.00	0.00	13.70	0.00	23.10	1.10	10.40	0.00	
5	0.00	0.00	0.00	12.60	0.00	4.20	5.00	0.00	7.80	0.00	0.00	0.00	
6	0.00	0.00	0.00	1.10	15.10	1.10	12.00	0.00	35.10	0.00	32.00	0.00	
7	0.00	0.00	0.00	23.80	1.40	0.00	0.40	0.00	8.40	1.70	15.50	0.00	
8	0.00	0.00	0.00	0.20	0.00	0.60	0.00	2.00	0.00	0.00	0.00	0.00	
9	0.00	40.70	1.30	1.40	16.90	27.20	2.60	2.90	1.00	20.80	0.00	0.00	
10	0.00	0.00	4.00	0.00	1.20	1.00	7.40	5.20	0.00	32.20	0.00	0.00	
11	0.00	0.00	0.00	0.00	0.00	3.80	7.50	6.30	0.30	18.20	0.00	0.00	
12	0.00	0.00	0.00	0.00	0.00	3.10	29.10	0.00	0.30	0.00	0.00	0.00	
13	0.00	0.00	31.70	1.00	17.40	0.20	2.90	0.00	0.90	63.00	0.00	0.00	
14	0.00	8.50	0.00	0.80	0.00	19.30	0.30	27.80	15.10	6.30	0.00	0.00	
15	0.00	3.50	0.00	2.20	18.40	9.00	1.20	3.90	1.810	0.00	0.00	0.00	
16	0.00	0.00	57.00	50.00	0.50	0.00	1.90	0.40	0.00	1.00	0.00	0.00	
17	0.40	0.00	0.00	0.00	0.00	16.50	1.90	1.40	37.50	93.00	0.00	0.00	
18	0.00	0.00	0.00	23.80	7.50	45.30	0.60	0.00	36.90	0.00	18.90	0.00	
19	0.00	0.00	9.00	0.00	3.30	21.50	12.10	3.10	0.00	0.00	1.50	0.00	
20	0.00	1.00	0.00	0.00	7.00	0.00	31.20	3.30	8.40	73.2	0.00	0.00	
21	0.00	16.20	0.00	0.00	10.50	0.30	16.10	11.80	0.00	8.20	0.00	0.00	
22	0.00	0.00	0.00	0.00	0.00	1.10	0.00	0.50	25.80	11.00	0.00	0.00	
23	0.00	0.00	75.80	28.40	0.00	17.30	0.00	9.20	1.10	3.80	0.00	0.00	
24	1.00	0.00	0.00	0.00	0.00	9.00		74.60	0.70	1.00	1.30	0.00	
25	0.00	0.60	0.00	0.00	0.00	56.60	10.50	1.40	0.00	2.90	5.00	2.00	
26	0.00	13.60	0.00	0.00	1.00	0.00	31.50	1.30	0.00	9.70	0.00	0.00	
27	0.00	0.00	0.00	0.00	1.40	5.60	0.00	0.00	0.80	15.00	0.00	0.00	
28	0.40	0.00	25.40	0.00	10.10	0.50	0.50	28.10	4.80	0.00	0.00	0.00	
29	0.00	3.70	0.00	4.00	31.50	0.00	1.50	8.90	0.00	0.00	0.00	0.00	
30	0.00		36.40	0.00	0.00	1.60	0.00	0.00	19.70	0.00	0.00	0.00	
31	0.00		0.30		0.00		0.00	9.50		3.00		12.30	
Total	0.40	132.00	243.50	187.50	143.90	279.00	210.40	203.90	259.30	392.60	112.70	12.30	
Number of rainy day	1	10	10	13	16	23	23	21	21	21	10	1	
Max. within one recorded day (Date)	0.4 (17)	40.7 (9)	75.8 (23)	50.0 (16)	31.5 (29)	56.6 (25)	31.5 (26)	74.6 (22)	37.5 (17)	73.2 (20)	32.0 (6)	12.3 (31)	()
Max. intensity	6 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	3 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	1 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
Summary of all recorded years starting from 19 ~ 19													
Average													
Max. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Min. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Daily Max.	1-day			2-day			3-day			Original			

DAILY RAINFALL RECORD

Station: AUCHI GOVT school

River Basin _____ Basin No. _____ Station No. _____ Location N. ° ' E. ° ' E.L. _____ m

Station Site _____ Drainage Area _____ km² Year 1960.

Month Day	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	Annual
	1	0	0	0	0	26.7	0	0	0	0.8	0	18.1	0
2	0	0	0	0	0	52.2	0	54.4	0	14.7	27.4	0	
3	0	0	0	0	23.6	1.3	166.1	0	0	19.3	0	0	
4	0	0	0	0	0	50.8	0	0	0	0	0	0	
5	0	0	0	25.4	0	0	0	0	0	0	0	0	
6	0	0	0	0	3.8	0	0	0	0	0	0	0	
7	0	0	0	6.6	2.5	7.6	0	0	8.1	0	0	8.9	
8	0	0	0	31.8	0	0	0	7.6	25.4	0	0	0	
9	0	0	0	12.7	27.2	0	5.1	0	0	13.5	0	0	
10	0	0	0	0	0	0	0	0	2.8	34.8	0	0	
11	0	0	20.3	11.4	0	10.2	26.7	0	34.8	1.8	0	6.4	
12	0	0	0	61.0	0	0	0	0	16.2	0	0	0	
13	0	0	0	0	0	0	5.1	0	5.8	25.4	0	0	
14	0	2.5	0	12.7	0	6.4	6.6	0	0	0	0	0	
15	0	0	0	6.6	8.4	1.3	0	0	0	0	0	0	
16	0	0	0	0	0	0	0	0	0	52.8	0	0	
17	0	0	0	0	0.3	0	3.0	14.5	41.4	0	0	0	
18	0	0	0	0	15.5	0	18.0	1.0	24.6	1.3	0	0	
19	0	0	0	0	0	2.5	10.2	0	6.4	0	0	0	
20	0	0	11.4	0	0	1.8	22.4	0	0	0	0	0	
21	0	0	0.3	3.8	0	0	0	0	0	0	0	0	
22	0	0	10.2	0	0	23.9	0	0	9.9	0	0	0	
23	0	0	0	0	0	55.9	8.1	0	1.0	0	0	0	
24	0	0	12.7	67.2	0	0	0	0	12.2	10.9	0	0	
25	0	0	0	0	0	0	2.5	1.3	8.6	0	0	0	
26	0	0	0	16.5	3.3	22.9	7.3	0	1.5	0	0	2.5	
27	0	0	0	0	0	1.3	2.5	22.1	0	0	0	0	
28	0	0	0	0	0	0	26.7	0	3.3	0	0	0	
29	0	50.8	0	0	0	17.5	1.8	0	2.3	0	0	0	
30	0	-	0	0	14.2	0	0	21.6	11.4	0	0	0	
31	0	-	0	-	0	-	0	64.8	-	0	-	0	
Total	0	63.3	54.9	245.4	125.5	260.4	153.7	185.9	184.2	174.5	46.5	17.8	
Number of rainy day	0	2	5	11	10	14	15	8	18	9	2	3	
Max. within one recorded day (Date)	(-)	(29) 50.8	(11) 20.3	(24) 67.2	(9) 27.2	(2) 57.2	(3) 166.1	(31) 64.8	(17) 41.4	(16) 52.8	(2) 27.4	(11) 6.4	()
Max. intensity	6 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	3 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	1 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
Summary of all recorded years starting from 19 ~ 19													
Average													
Mar. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Min. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Daily Max.	1-day			2-day			3-day			Original			

DAILY RAINFALL RECORD

Station: AUCH GOVT School

River Basin _____ Basin No. _____ Station No. _____ Location N. ° ' E. ° ' EL. _____ m

Station Site _____ Drainage Area _____ Km² Year 1961

Month Day	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	Annual
1	0	0	0	0	0	0	1.0	0	0	0	0	0	
2	0	0	0	14.0	0	35.1	0	0.3	0	0	0	0	
3	0	0	0	0	0	0	9.7	0	35.1	20.3	0	0	
4	0	0	0	0	0	12.2	9.7	0	0	15.7	0	0	
5	0	0	0	21.5	0	16.0	51.3	2.5	9.0	0	0	0	
6	0	0	0	0	0	0	5.1	0.3	0	58.4	0	0	
7	0	0	0	0	7.6	0	0.5	1.8	56.6	0	0	0	
8	0	0	14.0	3.8	0	16.5	0	0	0	0	0	0	
9	0	0	0	0	0	0	0.3	0	0	0	0	0	
10	0	0	0	0	0	2.5	1.0	0	0	0	0	0	
11	0	0	0	0	0	4.6	6.1	0	0	0	0	0	
12	0	0	0	28.7	0	0	0.3	0	44.5	0	1.3	0	
13	0	0	0	0	0	14.2	3.6	0	0	0	0	0	
14	0	0	0	0	0	1.0	0.8	0	23.9	7.6	0	0	
15	0	0	0	0	38.1	12.4	0	0	28.4	0	0	0	
16	0	0	0	0	0	0	2.1	0	0	0	0	0	
17	0	0	0	0	0	14.7	3.3	0	0	2.5	0	0	
18	0	0	0	89.6	0	4.6	0	0	0	0	0	0	
19	0	0	0	0	0	0	5.6	0	0	1.8	0	0	
20	5.1	0	0	20.3	0	0	2.0	0	24.6	0	0	0	
21	0	0	0	0	20.6	4.3	64.0	0	0	0	0	0	
22	0	0	0	0	0	0	12.7	0	0	0	0	0	
23	0	0	0	51.3	0	0	0.3	0	32.3	0	0	0	
24	0	0	0	0	0	0	1.0	0	11.2	0.5	0	0	
25	6.4	0	0	0	0	0	2.3	0	25.7	0	0	0	
26	0	0	0	0	14.5	0	1.3	0	0	0	0	0	
27	0	0	0	43.2	0	0	10.2	0	36.8	0	0	0	
28	3.1	0	0	0	1.0	2.5	1.5	0	0	0	0	0	
29	0	-	0	0	0	22.4	0.5	0	37.6	0	0	0	
30	0	-	6.4	0	0	0.3	7.4	0	0.3	0	0	0	
31	0	-	0	-	0	-	0.3	0	-	0	-	0	
Total	15.2	0	20.3	251.5	81.8	163.3	209.6	4.8	420.1	120.4	1.3	0	
Number of rainy day	3	0	2	8	5	15	27	4	13	7	1	0	
Max. within one recorded day (Date)	6.4 (24)	- (-)	14.0 (8)	89.6 (18)	38.1 (15)	35.1 (2)	64.0 (21)	2.5 (5)	44.6 (20)	58.4 (6)	1.3 (12)	- (-)	- (-)
Max. intensity 6 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()	()
Max. intensity 3 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()	()
Max. intensity 1 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()	()
Summary of all recorded years starting from 19 ~ 19													
Average													
Mar. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Min. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Daily Max.	1-day		2-day		3-day					Original			

DAILY RAINFALL RECORD

Station: AUCHI GOVT SCHOOL

River Basin Basin # Station # Location N. ° ' E. ° ' E.L. m

Station Site Drainage Area Km² Year 1962

Month Day	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	Annual
	1	0	0	0	0	0	0	26.4	9.4	3.0	5.8	0	0
2	0	0	34.3	23.4	13.2	5.3	0	3.8	15.5	0	0	0	
3	0	0	0	0	0	0	0	7.1	0	3.8	5.1	0	
4	0	0	0	0	5.1	2.4	0	0	0	34.0	0	0	
5	0	0	2.0	0	0	0	3.0	3.6	0	0	0	0	
6	0	0	0	0	0	0	0	3.8	0	0	0	0	
7	0	0	0	0	0	14.0	0	0	0	4.6	0	0	
8	0	0	0	1.3	29.0	20.3	0	0	0	0	0	0	
9	0	0	0	8.9	0	0	0	1.8	0	0	0	0	
10	0	0	0	0	0.8	0	1.8	0	14.2	0	0	0	
11	0	0	1.0	47.0	0	0	0	1.0	0	18.0	0	0	
12	0	0	0	0	0.3	2.0	9.7	0	0	2.8	13.2	0	
13	0	0	0	0	0.5	52.8	6.4	0	8.4	19.8	0	0	
14	0	0	0	57.4	0	0	0	0	0.5	0	0	0	
15	0	0	0	0	0	0	5.1	2.0	0	0	0	0	
16	0	0	13.7	0	27.4	0	0	1.3	0	0	0	0	
17	0	0	0	0	0	2.5	0	0	0	0	0	0	
18	0	0	0	0	0	16.5	0	0	13.0	0	0	0	
19	0	0	0	52.8	0	3.0	20.8	4.6	0	0	0	0	
20	0	0	0	0.5	2.5	0	2.5	0	0	5.8	0	0	
21	0	0	0	0	0	0.8	3.0	0	0	17.5	0	0	
22	0	0	2.1	0.8	0	0	0	0	0.5	10.7	0	0	
23	0	0	0	0	0	10.2	7.1	0	0	11.9	0	0	
24	0	0	0	0	0	0	0	0.3	0	8.6	0	0	
25	0	0	0	18.0	0	3.8	0	3.0	0	0.5	0	0	
26	0	0	1.3	5.8	0	8.6	2.3	8.9	22.9	0	14.7	0	
27	0	0	0	0	38.1	0	0	0	1.5	0	0	0	
28	0	0	0	0	0	0	0	0	35.8	0	0	0	
29	0	-	6.4	13.0	0	3.3	0	0	0	0	2.0	0	
30	0	-	0	0	24.1	2.5	10.7	0	0	2.4	0	0	
31	0	-	0	-	0	-	0	3.8	-	0	-	0	
Total	0	0	79.8	178.1	141.2	154.2	100.8	59.7	132.8	156.5	35.1	0	
Number of rainy day	0	0	7	11	10	15	12	14	10	14	4	0	
Max. within one recorded day (Date)	(-)	(-)	(2) 34.3	(14) 57.4	(27) 58.1	(13) 52.8	(1) 26.4	(1) 9.4	(28) 35.8	(4) 34.0	(26) 14.7	(-)	(-)
Max. intensity	6 hr (Date)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
	3 hr (Date)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
	1 hr (Date)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
Summary of all recorded years starting from 19 ~ 19													
Average													
Mar. (Year)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
Min. (Year)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)
Daily Max.	1-day			2-day			3-day			Original			

DAILY RAINFALL RECORD

Station: AUCHI GOVT SCHOOL

River Basin _____ Basin No. _____ Station No. _____ Location N. ° ' E. ° ' E.L. _____ m

Station Site _____ Drainage Area _____ Km² Year 1963

Month Day	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	Annual
	1	0	0	0	0	0.3	0	0	0	6.9	0	0	0
2	0	12.2	2.8	0	0	0	3.6	2.1	2.9	26.6	0	0	
3	0	0	0	11.9	0	0	0	0	22.4	0	0	0	
4	0	0	14.0	0	0	0	2.8	0	13.7	26.9	0	0	
5	0	0	0	15.9	0	0	0	0	0	8.7	0	0	
6	0	0	5.3	0	0	0	3.0	0.3	4.3	6.1	0	0	
7	0	0	0	0	0	0	0	4.6	14.0	1.3	0	0	
8	0	0	0	0	0	0	6.4	18.3	3.8	0	0	0	
9	0	0	0	2.6	0	25.5	1.8	1.3	0	25.7	0	0	
10	0	0	0	0	8.9	0	12.3	2.1	1.8	2.1	0	0	
11	0	0	0	0	14.2	0	1.8	0	0	21.8	0	0	
12	0	0	0	0	10.2	0.5	0	28.0	0	0	0	0	
13	0	2.8	0	26.2	8.2	0	10.9	1.5	0	0	0	0	
14	0	0	0	0	22.6	10.4	2.4	1.5	11.7	6.6	0	0	
15	0	0	0	3.8	2.9	0	11.9	0	0	0	0	0	
16	0	0	3.5	0	0	0	0	1.0	1.8	5.1	0	0	
17	0	0	0	0	0	26.4	21.2	0	0	0	0	0	
18	0	0	0	0	0	0	0	16.5	0	6.3	0	0	
19	0	0	0	0	0	0	0	0	0	20.8	0	0	
20	0	0	0	28.7	3.6	0	8.1	10.9	11.7	0	0	0	
21	0	0	0	0	0	2.6	26.2	0	32.5	2.4	0	0	
22	0	0	0	22.7	0	0	0.3	1.3	11.9	0	0	0	
23	0	0	0	0	0	0	0.8	10.2	0	10.7	0	3.0	
24	0	2.0	0	0	0	5.1	0	2.4	0	0	0	0	
25	0	14.0	0	0	0	25.1	2.6	0	0	0	0	0	
26	0	0	19.1	0	0	0	0	0.1	4.1	38.4	0	20.6	
27	0	0	0	18.0	0	16.5	27.2	10.7	3.6	0	0	0	
28	0	0	0	0	0	0	2.0	2.3	2.8	0	0	0	
29	0	-	0	0	0	31.5	2.0	0.3	0	-	0	0	
30	0	-	0	24.4	0	0	0	0	12.3	0	0	0	
31	11.7	-	0	-	0	-	0	42.3	-	0	-	0	
Total	12.2	31.0	22.6	22.1	25.7	177.5	206.5	200.4	224.0	220.2	0	23.6	
Number of rainy day	1	4	5	9	8	9	19	18	17	15	0	2	
Max. within one recorded day (Date)	11.7 (21)	14.0 (25)	31.5 (18)	25.9 (5)	22.6 (14)	45.5 (7)	47.3 (27)	62.3 (31)	22.4 (3)	38.4 (26)	- (-)	20.6 (26)	()
Max. Intensity	6 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	3 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	1 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
Summary of all recorded years starting from 19 ~ 19													
Average													
Mar. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Min. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Daily Max.	1-day			2-day			3-day			Original			

DAILY RAINFALL RECORD

Station: AUCHI GOVT SCHOOL

River Basin _____ Basin No. _____ Station No. _____ Location N. ° ' E. ° ' E.L. _____ m

Station Site _____ Drainage Area _____ Km² Year 1964

Month Day	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	Annual
	1	0	0	0	0	0	0.5	28.4	0	0	0	0	0
2	0	0	0	0	17.5	0.3	0	0	10	5.8	0	0	
3	0	0	0	0	0	0	0	0	10.9	0	0	0	
4	0	0	0	17.3	0	113.8	0	0	9.7	0	0	0	
5	0	0	9.7	12.3	0	0	0	0	0	2.3	0	0	
6	0	0	0	0	24.9	0	14.0	1.8	12.7	0	0	0	
7	0	0	0	16.3	0	0	22.9	0	17.0	0	0	0	
8	0	0	0	16.0	16.3	0	2.8	0	43.2	0	0	0	
9	0	0	0	0	15.2	0	0	3.0	0	0	0	0	
10	0	0	0	4.3	14.0	1.8	0	0	27.4	0	0	0	
11	0	0	1.8	0	0	22.9	0	0	4.3	0	0	0	
12	0	0	0	2.0	0	12.7	0	0	0	0	0	0	
13	0	0	0	46.2	0	0	2.8	0	0	0	0	0	
14	0	0	0	4.3	0	0	0	0	2.3	5.3	4.3	0	
15	0	0	30.0	0	12.2	2.5	5.6	0	31.8	0	0	0	
16	0	0	10	5.6	12.7	35.8	0	0	0	16.0	0	0	
17	0	0	0	0	18.0	0	0	0	0	1.0	0	0	
18	0	0	0	13.2	0	0	0	0	5.6	24.1	0	0	
19	0	0	0	8.4	0	2.8	0	0	0	0.3	0	0	
20	0	0.3	0	0	27.7	0	0	4.3	0	1.0	0	0	
21	0	0	0	0	0	0	0	4.1	0	0	0	0	
22	0	11.9	0	0	0	3.0	0	0.5	0	0	0	0	
23	0	0	0	0	17.8	0	14.0	0	0	0	0	0	
24	0	0	0	0	0	1.3	0	2.5	0	0	0	0	
25	0	0	0	0	0	0	0	2.6	0	27.2	0	0	
26	0	0	3.6	0	58.2	0	0	2.8	0	9.9	0	0	
27	0	0	0	0	0	0	0	0	28.7	1.27	0	0	
28	0	0	0.3	0	0	0	1.8	31.3	7.6	0	0	0	
29	0	0	0	0	2.3	5.1	41.1	0	0	0	0	0	
30	0	-	0	10.4	0	0	12.4	0	0	0	0	31.8	
31	0	-	0	-	11.2	-	0.5	12.7	-	0	-	0	
Total	0	12.2	46.7	139.7	243.1	202.4	147.8	46.5	202.2	94.2	4.3	31.8	
Number of rainy day	0	2	6	12	13	12	11	10	13	11	1	1	
Max. within one recorded day (Date)	(-)	11.9 (22)	30.0 (15)	46.2 (13)	58.2 (26)	113.8 (4)	41.1 (29)	21.3 (28)	43.2 (8)	27.2 (26)	4.3 (14)	31.8 (30)	(-)
Max. Intensity	6 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	3 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	1 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
Summary of all recorded years starting from 19 ~ 19													
Average													
Mar. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Min. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Daily Max.	1-day			2-day			3-day			Original			

DAILY RAINFALL RECORD

Station: AUCH GOVT SCHOOL

River Basin _____ Basin No. _____ Station No. _____ Location N. ° ' E. ° ' E.L. _____ m

Station Site _____ Drainage Area _____ km² Year 1965

Month Day	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	Annual
	1	0	0	0	0	0	23.1	54.9	4.8	0	0	0	0
2	0	0	0	0	0	0	0	14.7	0	11.7	0	0	
3	8.8	0	0	0	0	0	0	10.9	0	0	0	0	
4	0.5	0	0	0	0	0	0	36.6	1.0	0	0	0	
5	0	0	0	0	0	0	5.6	26.7	0	2.4	0	0	
6	0	0	0	0	0	0	2.5	0	2.3	0	0	0	
7	0	0	0	10.4	6.1	0	0	6.1	0	0	0	0	
8	0	0	0	2.9	0	32.2	2.3	0	0	0	0	0	
9	0	2.2	12.7	0	12.7	0	0	0	2.5	0	0	0	
10	0	2.5	1.8	0	0	0	21.6	2.1	0	14.0	0	0	
11	0	0	0	0	0	0	0	2.3	0	0	0	0	
12	0	0	0	0	0	4.6	23.6	0	23.6	0	0	0	
13	0	2.7	0.5	0	0	0	9.9	6.1	0	0	0	0	
14	0	0	2.6	0	0	0	2.2	0	0	0	0	0	
15	0	0	1.0	0	0	1.5	24.9	8.4	0	0	0	0	
16	0	3.0	0	17.0	5.8	2.1	0	0	21.8	0	0	0	
17	0	0	5.1	0	0	0	0	0	0	0	0	0	
18	0	0	0	0	0	1.8	0	11.2	30.5	0	0	0	
19	0	0	52.4	0	0	32.1	3.8	0	41.4	32.1	0	0	
20	0	0	0	39.4	0	0	0	5.1	2.0	2.5	0	0	
21	0	6.1	0	0	0	2.5	0	3.8	0	0	0	0	
22	0	0	0	0	2.9	0	0	13.0	0	0	0	0	
23	0	0.5	0	0	0	0	21.8	4.3	11.9	0	0	0	
24	0	0	0	16.0	24.9	0	12.7	0	0	0	0	0	
25	2.7	0	0	0	0	5.6	27.9	0	0	0	0	0	
26	0	0	0	0	0	0	0	22.7	0	0	0	0	
27	0	0	0	3.0	16.5	0	4.6	0	12.7	0	0	0	
28	0	0	0	0	0	6.1	0	136.4	2.1	0	0	0	
29	0	-	0	0	2.9	0	1.8	0	0	0	0	0	
30	0	-	0	10.2	14.5	1.8	27.4	1.5	0	0	0	0	
31	0	-	2.1	-	0	-	1.8	11.7	-	0	-	0	
Total	9.7	29.2	94.2	91.5	162.3	126.0	247.4	312.7	157.0	73.7	0	0	
Number of rainy day	3	6	8	7	8	11	17	19	11	5	0	0	
Max. within one recorded day (Date)	2.7 (25)	2.7 (13)	52.4 (17)	39.4 (20)	24.9 (24)	32.1 (19)	54.9 (7)	36.4 (28)	41.4 (19)	32.1 (19)	- (-)	- (-)	- (-)
Max. intensity	6 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	3 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	1 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
Summary of all recorded years starting from 19 ~ 19													
Average													
Mar. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Min. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Daily Max.	1-day			2-day			3-day			Original			

DAILY RAINFALL RECORD

Station: AICHI GOVT. SCHOOL

River Basin _____ Basin No. _____ Station No. _____ Location N. ° ' E. ° ' E.L. _____ m
 Station Site _____ Drainage Area _____ Km² Year 1966

Month Day	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	Annual
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	0.0	0.0	0.0	10.4	46.5	28.0	0.0	0.0	0.0	9.1	0.0	0.0	
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.5	0.0	0.0	
4	0.0	0.0	0.0	6.1	0.0	24.4	10	0.0	5.8	0.0	0.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.4	12.2	0.0	0.0	0.0	
6	0.0	0.0	0.0	1.5	0.0	0.0	2.6	26.4	0.0	4.8	0.0	0.0	
7	0.0	0.0	0.0	0.0	22.9	0.0	0.0	2.3	0.0	0.0	0.0	0.0	
8	0.0	0.0	0.0	0.0	35.3	34.0	30.7	8.6	0.0	0.0	0.0	0.0	
9	0.0	6.6	0.0	0.0	0.0	0.0	29.2	0.0	0.0	9.4	0.0	0.0	
10	0.0	0.0	0.0	0.0	16.0	5.1	0.0	0.0	0.0	0.8	0.0	0.0	
11	0.0	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	0.0	0.0	20.6	0.0	0.0	13.2	0.0	0.0	
14	0.0	0.0	6.4	0.0	23.6	0.0	0.0	22.4	0.0	23.5	0.0	0.0	
15	0.0	0.0	0.0	0.0	11.2	14.7	18.3	0.0	0.0	0.0	0.0	0.0	
16	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.2	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	25.4	18.3	25.9	3.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	0.0	0.0	4.3	12.2	0.0	3.0	0.0	0.0	
21	10.7	0.0	0.0	0.0	106.2	5.3	0.0	9.4	0.0	0.0	0.0	0.0	
22	0.0	6.0	2.0	1.3	0.0	0.0	0.0	63.0	18.0	0.0	0.0	0.0	
23	0.0	0.0	12.7	0.0	0.0	24.4	15.7	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	0.0	0.0	12.2	0.0	0.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	0.0	0.0	0.0	14.5	14.0	18.3	0.0	0.0	0.0	
26	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	19.3	0.0	0.0	0.0	
27	0.0	0.0	0.0	0.0	0.0	50.5	0.0	13.5	11.9	19.3	0.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	40.6	15.7	0.0	0.0	20.6	0.0	0.0	
29	2.0	-	0.0	34.8	4.6	0.0	0.0	8.0	3.6	0.0	0.0	0.0	
30	0.0	-	0.0	24.1	34.5	0.0	0.0	13.2	0.0	0.0	0.0	0.0	
31	0.0	-	0.0	-	0.0	-	12.7	0.0	-	0.0	-	0.0	
Total	12.7	6.6	39.4	21.2	317.0	266.7	188.7	210.6	119.4	129.3	0.0	0.0	
Number of rainy day	2	1	5	6	10	12	11	11	9	10	0	0	
Max. within one recorded day (Date)	10.7 (21)	6.6 (9)	13.0 (26)	34.8 (27)	106.2 (21)	50.5 (27)	30.7 (8)	13.0 (22)	22.2 (18)	33.5 (14)	- (-)	- (-)	
Max. Intensity 6 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()	()
3 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()	()
1 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()	()
Summary of all recorded years starting from 19 ~ 19													
Average													
Mar. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Min. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Daily Max.	1-day	2-day		3-day			Original						

DAILY RAINFALL RECORD

Station: ALUCH GOVT SCHOOL

River Basin _____ Basin No. _____ Station No. _____ Location N. ° ' _____ E. ° ' _____ E.L. _____ m
 Station Site _____ Drainage Area _____ Km² _____ Year 1967

Month Day	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	Annual
1	0	0	0	0	0	38.9	7.6	2.0	14.0	0	0	0	
2	0	0	0	0	0	0	3.8	12.7	0	0	0	0	
3	0	0	0	0	12.2	33.5	0.5	3.3	0	0	0	0	
4	0	0	0	0	0	10.9	6.4	0	0	0	0	0	
5	0	0	0	0	0	8.1	0	0	0	0	0	0	
6	0	0	0	0	0	0	0	0	0	0	0	0	
7	0	0	0	0	0	0	11.7	1.0	0	0	0	0	
8	0	0	0	14.7	0	0	0.5	3.0	0	0	0	0	
9	0	0	0	0	0	0	0.8	13.7	0	0	0	0	
10	0	0	0	0	0	31.5	0.8	0	0	0	0	0	
11	0	0	0	0	0	19.1	0.3	0	0	0	0	0	
12	0	0	0	0	0	0	0	0	0	0	0	0	
13	0	0	0	0	0	0	5.1	5.1	0	0	0	0	
14	0	0	18.5	0	0	0	52.1	0	0	0	0	0	
15	1.3	0	0	0	0	26.7	2.5	2.0	0	0	0	0	
16	0	8.6	0	18.5	0	0	0	8.4	0	0	0	0	
17	0	0	0	0	5.3	0	32.5	0	0	0	0	0	
18	0	0	0	0	0	0	1.8	0	0	0	0	0	
19	0	0	0	18.5	0	0	0	0	0	0	0	0	
20	0	0	0	0	0	0	3.3	3.3	0	0	0	0	
21	0	0	0	10.4	0	0	0	17.0	0	0	0	0	
22	0	0	0	0	0	0	0	0	0	0	0	0	
23	0	0	24.5	0	8.1	16.8	2.0	0	0	0	0	0	
24	0	0	0	0	0	5.0	0	0	0	0	0	0	
25	0	0	0	0	0	8.4	0	2.5	0	0	0	0	
26	0	0	0	0	0	32.0	0	0.5	0	0	0	0	
27	0	0	0	71.6	0	3.0	3.3	0	0	0	0	0	
28	0	0	0	0	34.5	0	0	0	0	0	0	0	
29	0	0	42.2	11.4	0	66.3	0	0	0	0	0	0	
30	0	0	0	0	0	0.3	3.3	0	0	0	0	0	
31	0	0	0	0	34.1	0	0	0.3	0	0	0	0	
Total	1.3	8.6	85.2	145.1	94.2	351.5	136.3	75.8	14.0	0	0	0	
Number of rainy day													
Max. within one recorded day (Date)	()	()	()	()	()	()	()	()	()	()	()	()	()
Max. Intensity	6 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	3 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	1 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
Summary of all recorded years starting from 19 ~ 19													
Average													
Mar. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Min. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Daily Max.	1-day			2-day			3-day			Original			

DAILY RAINFALL RECORD

Station: AUCHI COV'T SCHOOL

River Basin _____ Basin No. _____ Station No. _____ Location N. ° ' _____ E. ° ' _____ E.L. _____ m
 Station Site _____ Drainage Area _____ Km² _____ Year 1968

Month Day	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	Annual
1	0	0	0	0	6.6	50.8	0	1.8	77.0	0	0	0	
2	0	0	0	0	0	0	0	0	0.5	0	0	0	
3	0	0	0.8	0	10.9	0	0	0	0	10.2	0	0	
4	0	0	0	0	0	3.8	0	0	0	0	0	0	
5	0	0	0	0	0	0	0	0	29.5	0	0	0	
6	0	0	0	0	0	25.4	0	17.3	6.4	0	0	6.1	
7	0	0	0	0	0	50.8	17.0	2.3	0	0	0	0	
8	0	0	0	0	0	0	0	0	23.4	0	0	0	
9	45.7	0	2.3	0	0	2.0	0	0	0	0	0	0	
10	0	0	0	0	0	0	0	0	30.7	12.7	0	0	
11	0	0	0.3	0	30.7	12.7	0	6.4	0	0	0	0	
12	0	0	4.1	5.8	0	0	0	0	0	0	0	0	
13	0	0	4.1	4.1	0	17.8	13.5	0	26.2	0	0	0	
14	0	0	0	0	0	0	0	38.1	0.8	0	0	0	
15	0	0	0	0	0	47.2	0	4.6	0	0	0	0	
16	0	0	17.3	0	2.0	0	5.1	0	30.5	0	35.8	0	
17	0	0	0	0	0	17.8	0	0	0	7.9	0	0	
18	0	0.5	0	25.4	0	0	0	8.9	0	0	0	0	
19	0	0	0	0	0	0	0	0	20.5	0	0	0	
20	0	0	6.4	0	0	0	0	16.2	0	0	0	0	
21	0	0	0	2.0	6.9	0	0	10.7	0	63.5	0	0	
22	0	0	0	0	0	0	38.6	38.1	0	0	0	0	
23	0	0	0	0	8.6	9.7	0	0	0	0	0	0	
24	0	0	5.1	25.4	0	0	26.7	0	0	0	0	0	
25	0	0	0	0	0	12.8	9.7	0.5	0	0	0	0	
26	0	0	0	0	0	0	0	1.0	25.4	0	0	0	
27	0	0	0	0	29.0	0	0	0	0	0	0	0	
28	0	0	0	0	0	0	0	18.3	0	0	0	0	
29	0	0	0	8.9	0	4.6	0	8.4	5.1	0	0	0	
30	0	-	0	0.3	50.8	0	71.1	2.5	0	0	0	0	
31	0	-	16.3	-	37.1	-	11.7	9.7	-	0	-	0	
Total	45.7	0.5	56.4	74.4	227.1	278.6	170.8	210.3	300.2	96.3	35.8	6.1	
Number of rainy day	1	1	9	7	9	12	8	16	12	4	1	1	
Max. within one recorded day (Date)	45.7 (9)	0.5 (18)	17.3 (16)	25.4 (19)	50.8 (20)	50.8 (4, 7)	71.1 (30)	38.1 (14, 22)	77.0 (1)	63.5 (21)	35.8 (16)	6.1 (6)	
Max. intensity	6 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	3 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	1 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
Summary of all recorded years starting from 19 ~ 19													
Average													
Mar. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Min. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Daily Max.	1-day			2-day			3-day			Original			

DAILY RAINFALL RECORD

Station: AUCHI GOVT SCHOOL

River Basin _____ Basin # _____ Station # _____ Location N. ° ' E. ° ' E.L. m

Station Site _____ Drainage Area km² _____ Year 1969

Month Day	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	Annual
	1	0	0	0	3.8	0	0	8.9	0	19.6	0	0	0
2	0	0	16.5	0	2.3	0	18.2	0	0	28.2	8.9	0	
3	0	0	0	0	0	0	3.0	0	0	0	19.3	0	
4	0	0	42.7	38.1	0	0	1.3	0	11.4	0	7.9	0	
5	0	0	0	0	0	0	4.3	0	0	0	0	0	
6	0	0	0	27.9	0	0	0	25.4	8.4	22.4	5.3	0	
7	0	0	0	0	0	12.7	1.3	0	0	0	26.4	0	
8	0	0	0	0	0	0	0	0	7.6	4.1	0	0	
9	0	0	0	17.8	10.4	2.5	5.6	0	0	0	0	0	
10	0	0	12.7	0	0	0	1.5	0	10.4	0	0	0	
11	0	0	0	0	0	35.6	0	0	0	0	0	0	
12	0	0	0	0	3.6	0	0	0	0	0	0	0	
13	0	0	0	0	0	0	20.1	0	0	11.4	0	0	
14	0	0	0	0	0	25.4	2.0	4.1	2.0	0	0	0	
15	0	0	19.8	0	10.2	0	0.5	10.2	0	9.9	0	0	
16	0	0	0	0	0	0	33.3	0	0	0	0	0	
17	0	0	0	0	0	0	0.3	0	0	0	0	0	
18	0	0	0	38.1	0	0	25.4	2.0	0	0	0	0	
19	0	0	0	12.7	0	0	0	26.7	0	7.4	0	0	
20	0	0	0	0	0	0	0	12.4	0	0	0	0	
21	0	0	0	0	0	0	0	1.8	0	0	0	0	
22	0	0	0	7.6	0	0	0	11.4	0	0	0	0	
23	0	0	0	7.6	0	0	0	26.4	0	0	0	0	
24	0	38.1	0	30.5	44.5	10.2	39.4	25.4	0	0	0	0	
25	0	0	0	0	0	2.5	1.5	0	0	0	0	0	
26	0	0	0	0	45.7	12.7	0	2.0	0	50.8	0	0	
27	0	0	0	0	0	38.1	0	1.5	0	0	0	0	
28	0	0	0	0	15.2	0	4.1	3.6	27.2	48.8	0	0	
29	0	/	0	0	0	10.2	0	0	0	0	0	0	
30	0	/	0	0	0	0	0	0	0	7.6	0	0	
31	0	/	0	/	0	/	0	0	/	0	/	0	
Total	0	38.1	91.7	184.2	131.9	149.9	170.7	153.4	86.6	190.5	67.8	0	
Number of rainy day		1	4	9	7	9	17	13	7	9	5		
Max. within one recorded day (Date)	()	38.1 (24)	42.7 (4)	38.1 (4.18)	45.7 (26)	38.1 (27)	39.4 (24)	26.7 (19)	27.2 (28)	48.8 (28)	26.4 (7)	()	()
Max. Intensity	6 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	3 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	1 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
Summary of all recorded years starting from 19 ~ 19													
Average													
Mar. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Min. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Daily Max.	1-day			2-day			3-day			Original			

DAILY RAINFALL RECORD

Station: AUCHI GOVT SCHOOL

River Basin _____ Basin # _____ Station # _____ Location N. ° ' E. ° ' E.L. _____ m

Station Site _____ Drainage Area _____ km² Year 1970

Day \ Month	Month												Annual
	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	
1			0	0	0	0	0	0.5	0.8	0	0	0	
2			0	0	0	0	0	3.0	0	0	0	0	
3			0	0	0	0	0	0	17.8	9.1	0	0	
4			0	0	21.6	0	0	0.3	13.7	11.7	0	0	
5			0	28.4	0	0	0	9.4	3.3	11.4	0	0	
6			7.6	0	7.6	0	0	0	2.5	1.0	0	0	
7			0	0	7.4	0	0	0	23.4	0	0	0	
8			95.5	0	0	0	2.3	6.6	25.9	0	0	0	
9			0	0	9.4	0	0	0	17.5	0	0	0	
10			0	0	0	29.2	40.6	0	1.5	0	0	0	
11			5.3	0	0	0	0	0	1.5	0	0	0	
12			0	38.6	2.0	0	0	0	7.4	0	0	0	
13			0	0	0	0	1.8	0	1.8	0	0	0	
14			0	0	0	18.8	0	2.3	1.0	13.5	0	0	
15			0	0	0	0	2.5	6.1	16.8	0	0	0	
16			0	0	22.9	0	0	0	5.8	0	0	0	
17			0	0	0	0	2.0	3.3	50.8	0	0	0	
18			0	0	0	0	0	0.8	0	0	4.1	0	
19			0	0	30.5	14.0	4.6	0.1	0	0	0	0	
20			0	0	0	0	0	0.9	0	0	0	0	
21			0	0	0	10.9	0	0	1.4	0	0	0	
22			3.0	14.0	2.2	6.4	0	3.6	0	0	9.7	0	
23			0	0	16.8	0	0	0	7.1	5.3	0	0	
24			0	0	0	0	0	0	0	0	0	0	
25			0	1.0	3.3	27.9	4.3	2.0	3.8	2.0	0	0	
26			0	12.7	0	0	0	2.0	0	0	0	0	
27			0	0	4.3	0	0	0	0	0	0	0	
28			0	0	0	0	7.4	3.8	0	0	0	0	
29			5.1	0	9.4	1.8	0	6.4	40.9	0	0	0	
30			0	0	0	2.5	0	0	1.5	0	0	0	
31			0	0	0	0	0	0	0	0	0	0	
Total			116.6	95.3	139.7	115.3	67.6	51.1	195.5	54.1	13.7	0	
Number of rainy day			5	5	12	8	8	16	21	7	2		
Max. within one recorded day (Date)	()	()	95.5 (8)	38.6 (12)	30.5 (19)	29.2 (10)	40.6 (10)	9.4 (5)	50.8 (17)	13.5 (14)	9.7 (22)	()	()
Max. intensity	6 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	3 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	1 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
Summary of all recorded years starting from 19 ~ 19													
Average													
Mar. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Min. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Daily Max.	1-day			2-day			3-day			Original			

DAILY RAINFALL RECORD

Station: AUCHI GOVT SCHOOL

River Basin _____ Basin % _____ Station % _____ Location N. ° ' E. ° ' E.L. _____ m
 Station Site _____ Drainage Area _____ Km² Year 1971

Month Day	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	Annual
1	0	0	0	0	0	0	0	6.1		0			
2	0	0	0	4.1	0	10.4	4.8	0	1.0	0			
3	0	0	0	0	0	0	79.8	0	1.5	0			
4	0	0	0	0	0	11.2	1.0	0	18.8	0			
5	0	0	0	0	0	0	10.7	0	0	0			
6	0	0	0	0	14.5	0	0	5.6	35.8	5.1			
7	0	0	0	0	0	0	0	0	0	0			
8	0	0	0	0	23.4	0	5.8	0	0	0			
9	0	0	0	23.4	18.5	0	37.8	0	0	25.4			
10	0	0	6.1	0	0	10.9	0.5	5.1	24.4	38.1			
11	0	0	0	0	0	20.3	0	0	5.8	0.1			
12	0	0	0	0	0	0	0	47.2	0	0			
13	0	0	0	7.6	38.1	38.9	0	10.7	47.5	0			
14	0	0	0	0	13.0	0	4.8	0	0	0			
15	0	0	0	0	0	0	5.1	0	43.9	0			
16	0	0	8.4	0	0	0	10.7	0.8	25.7	33.3			
17	0	0	0	15.2	0	0	0	2.5	33.3		36.8		
18	0	0	0	0	0	0	0	5.1	3.0				
19	0	0	25.9	0	36.6	2.5	30.5	0	14.5				
20	0	0	0	0	0	0	35.3	0	0				
21	0	0	0	0	0	0		0	12.4				
22	0	0	25.1	0	11.2	6.6		0	0				
23	0	0	0	0	1.8	9.4		0	0				
24	1.0	0	0	0	0	0		0	0				
25	0	0	0	0	21.1	0		5.3	21.6				
26	0	0	0	0	0	0		0	7.6				
27	0	0	0	0	26.4	47.5		0	0				
28	0	0	0	0	19.1	0		0	0				
29	0	/	0	0	0	0	30.2	0	45.7				
30	0	/	2.3	38.4	0	23.1	6.6	0	17.5				
31	0	/	0	/	16.3	/	2.8	7.6	/				
Total	1.0	0	67.8	73.4	239.8	181.1	265.2	97.5	358.9	118.4	36.8		
Number of rainy day	1		5	5	12	10	15	10	17	5			
Max. within one recorded day (Date)	1.0 (24)	()	25.9 (19)	38.4 (30)	38.1 (13)	47.5 (27)	79.8 (3)	47.2 (12)	47.5 (13)	38.1 (10)	()	()	()
Max. intensity 6 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()	()
Max. intensity 3 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()	()
Max. intensity 1 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()	()
Summary of all recorded years starting from 19 ~ 19													
Average													
Mar. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Min. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Daily Max.	1-day			2-day			3-day				Original		

DAILY RAINFALL RECORD

Station: AUCHI GOVT SCHOOL

River Basin _____ Basin % _____ Station % _____ Location N. ° ' E. ° ' E.L. _____ m
 Station Site _____ Drainage Area _____ Km² Year 1972

Month \ Day	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	Annual
1	0	0	49.3	0									
2	0	0	0	13.5	0	0	0						
3	0	0	0	0	59.2	0	0						
4	0	0	0	0	0	4.1	0						
5	0	0	0	0	0	12.7	6.4						
6	0	0	0	0	0	33.3	0						
7	0	0	0	0.8	0	0	0						
8	0	0	0	20.1	0	0	0						
9	0	0	0	0	23.4	0	0						
10	0	0	0	0	0	10.7	13.0						
11	0	0	0	0	0	0	1.3						
12	0	0	0	0	0	0	0						
13	0	0	0	0	0	0.8	0						
14	0	0	7.9	0	0	0	0						
15	0	0	0	29.0	0.3	0	7.4						
16	0	0	2.5	0	0	26.7	0						
17	0	0	0	0	40.1	21.8	0						
18	3.6	0	25.4	0	0	0	0						
19	0	0	0	0	0	0	0						
20	0	0	3.3	5.3	0	0	0						
21	0	0	0	0	0	14.0	0						
22	0	0	0	0	0	0	7.4						
23	0	0	0	0	17.5	18.0							
24	0	0	0	22.6	0	0							
25	0	0	0	8.9	0	0							
26	0	0	0	0	0	0							
27	0	0	0	0	0	0							
28	0	0	0	0	36.8	4.1							
29	0	/	0	0	0	0							
30	0	/	0	0	0	0							
31	0	/	0	/	0	/							
Total	3.6	0	88.4	100.1	178.8	146.1							
Number of rainy day	1		5	7	6	10							
Max. within one recorded day (Date)	3.6 (18)	() ()	49.3 (1)	29.0 (15)	59.2 (3)	33.3 (6)	() () () () () ()						
Max. intensity 6 hr (Date)	() ()	() ()	() ()	() ()	() ()	() ()	() () () () () ()						
3 hr (Date)	() ()	() ()	() ()	() ()	() ()	() ()	() () () () () ()						
1 hr (Date)	() ()	() ()	() ()	() ()	() ()	() ()	() () () () () ()						
Summary of all recorded years starting from 19 ~ 19													
Average													
Mar. (Year)	() ()	() ()	() ()	() ()	() ()	() ()	() () () () () ()						
Min. (Year)	() ()	() ()	() ()	() ()	() ()	() ()	() () () () () ()						
Daily Max.	1-day			2-day			3-day						Original

DAILY RAINFALL RECORD

Station: AUCHI GOVT SCHOOL

River Basin _____ Basin No. _____ Station No. _____ Location N. ° ' E. ° ' E.L. _____ m

Station Site _____ Drainage Area _____ Km² Year 1973

Day \ Month	Month												Annual
	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	
1					11.6		6.1	5.1	4.9				
2													
3													
4					1.7	5.6		8.6	31.4				
5						13.2		82.1					
6						3.4							
7								4.4					
8							15.2				12.3		
9					12.5			0.7	36.3				
10					2.0	6.1	33.8	3.1		12.3			
11								9.8	12.3				
12													
13							13.5				4.9		
14								0.4	17.2				
15													
16											25.4		
17										46.6			
18							22.1						
19								5.4					
20								0.7		36.8			
21				25.0	25.0		25.5						
22						7.4		39.7					
23					23.3	2.2							
24					7.8	11.8				12.3			
25						0.7							
26				10.3			5.9						
27													
28				1.5	0.2		6.6						
29				2.5									
30													
31								13.7	7.4				
Total				39.3	84.1	101.2	91.6	216.1	148.5	104.0			
Number of rainy day				4	8	11	6	12	6	6			
Max. within one recorded day (Date)	()	()	()	25.0 (21)	25.0 (21)	22.1 (18)	33.8 (10)	82.1 (5)	46.6 (17)	36.8 (20)	()	()	()
Max. intensity	6 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	3 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	1 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
Summary of all recorded years starting from 19 ~ 19													
Average													
Mar. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Min. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Daily Max.	1-day			2-day			3-day			Original			

DAILY RAINFALL RECORD

Station: AUCHI GOVT SCHOOL

River Basin _____ Basin No. _____ Station No. _____ Location N. ° ' E. ° ' E.L. _____ m

Station Site _____ Drainage Area _____ Km² Year 1974

Month Day	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	Annual
	1	0	0	0	0	0	0	0	0.5	25.1	17.8	0	
2	0	0	0	0	0	0	0	0.5	4.8	0	0	0	
3	0	0	0	0	0	0	0	0	1.3	2.0	1.3	0	
4	0	0	0	0	0	77.5	0	0	3.6	9.4	0	0	
5	0	0	0	0	0	0	0	0	19.1	0	0	0	
6	0	0	0	0	0	0	0	0	2.0	4.6	0	0	
7	0	0	0	0	15.0	0	0	0.3	1.3	0	0	0	
8	0	0	0	0	0	0	0	0	0	0	0	0	
9	0	0	0	0	25.4	0	0	47.8	0	76.2	0	0	
10	0	0	0	0	0	56.4	0	0	0	4.3	0	0	
11	0	0	0	0	0	0	0	3.8	39.4	0	0	0	
12	0	0	0	0	0	0	0	2.0	12.7	0.1	0	0	
13	0	0	0	0	0	0	0	26.7	2.5	24.4	0	0	
14	0	0	0	0	0	0	0	0.5	51.6	0	0	0	
15	0	0	0	0	0	0	86.4	0.3	0.13	22.6	0	0	
16	0	0	0	0	0	0	50.8	2.5	0	0	0	0	
17	0	0	0	0	25.4	0	76.2	0	7.9	0.8	0	0	
18	0	0	0	0	0	0	81.5	0	0	0	0	0	
19	0	0	0	0	36.3	0	0	0	1.3	0	0	0	
20	0	0	0	0	0	0	0	0	0	0	0	0	
21	0	0	0	0	0	0	0	0	0	18.3	0	0	
22	0	0	0	0	0	0	14.5	0	3.6	0	0	0	
23	0	0	0	26.7	0	0	0	4.1	0	14.7	0	0	
24	0	0	0	0	29.0	0	5.1	0	2.5	0	0	0	
25	0	0	0	0	0	0	0.3	0	0	0	0	0	
26	0	0	0	0	0	0	12.7	5.8	2.5	0	0	0	
27	0	0	0	0	27.9	0	6.4	1.8	0.3	0	0	0	
28	0	0	0	53.1	0	0	9.4	12.4	0.5	0	0	0	
29	0	0	0	0	0	0	4.1	3.0	0	6.9	0	0	
30	0	0	0	0	0	0	2.0	11.7	0	0	0	0	
31	0	0	0	0	0	0	0.8	3.8	0	0	0	0	
Total	0	0	0	77.8	159.0	133.9	334.8	127.3	183.1	208.3	1.3	0	
Number of rainy day				2	6	2	13	17	19	12	1		
Max. within one recorded day (Date)	()	()	()	53.1 (28)	36.3 (19)	77.5 (4)	86.4 (15)	47.8 (9)	51.6 (14)	76.2 (9)	1.3 (3)	()	()
Max. intensity	6 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	3 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	1 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
Summary of all recorded years starting from 19 ~ 19													
Average													
Max. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Min. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Daily Max.	1-day			2-day			3-day			Original			

DAILY RAINFALL RECORD

Station: AUCHI GOVT SCHOOL

River Basin _____ Basin % _____ Station % _____ Location N. ° ' E. ° ' E.L. _____ m

Station Site _____ Drainage Area _____ Km² Year 1975

Month Day	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	Annual
	1	0	0	0	0	0	0	30.5	4.8	0	0	0	0
2	0	0	0	0	0	10.2	0	6.6	0	19.3	0	0	
3	0	0	8.1	0	6.4	0	0	0	0	0	0	0	
4	0	0	0.5	0	0	2.5	0	0	0	0	0	0	
5	0	0	0	0	12.7	28.4	76.2	0	0	23.8	0	0	
6	0	0	0	0	0	0	1.5	5.1	0	0	0	0	
7	0	1.0	12.7	0	106.7	0	0	8.9	10.5	0	0	0	
8	0	6.9	1.5	3.8	0	18.3	0.5	0	50.2	0	0	0	
9	0	0	0	0	0	0	0.5	0	0.2	0	0	0	
10	0	8.9	0	7.9	0	0	0	0	4.3	0	0	0	
11	0	0	0	0	0	0	7.4	0.5	0	0	0	0	
12	0	0	0	0	4.8	21.8	7.1	0	0	0	0	0	
13	0	0	0	0	0	29.5	14.7	0.5	0	0	0	0	
14	0	0	0	1.8	5.8	1.5	0	1.3	8.7	0	0	0	
15	0	0	0	19.6	0	0	0	0.1	0	0	0	0	
16	0	0	0	0	5.6	0	1.8	0	0	0	0	0	
17	0	0.8	0	25.6	0	2.8	6.4	0	0	0	0	0	
18	0	0	22.1	0	0.5	0	0	6.9	28.6	0	8.5	0	
19	0	0	0	6.9	17.5	10.2	0	1.5	0	18.1	0	0	
20	0	0	0	0	0	2.0	21.1	0	11.7	0	0	0	
21	0	0	0	0	18.5	0.1	9.4	2.5	4.0	0	0	0	
22	0	0	0	0	0	1.5	25.4	0	37.0	0	0	0	
23	0	0	0	0	31.2	0	19.6	0	36.4	0	0	0	
24	0	0	3.8	0	0	0	0	0	3.3	0	0	0	
25	0	0	0	3.0	5.1	0	16.0	0	2.7	0	0	20.5	
26	0	0	0	0	0	0	0	0	0	18.7	0	0	
27	0	0	0	0	0	0	0	0	0	0	0	0	
28	0	0	0	0	6.4	0	2.3	0	0	4.3	0	0	
29	0	/	0	0	0	0	0	0	2.7	19.8	0	0	
30	0	/	0	53.3	0	5.1	4.8	0	4.0	0	0	0	
31	0	/	0	/	0	/	6.6	/	/	0	/	0	
Total	0	17.5	48.3	11.9	221.2	135.1	251.7	39.9	204.3	106.0	8.5	20.5	
Number of rainy day		4	6	8	12	13	18	11	14	6	1	1	
Max. within one recorded day (Date)	()	8.9 (10)	22.1 (18)	53.3 (30)	106.7 (17)	29.5 (13)	76.2 (5)	8.9 (7)	50.2 (8)	23.8 (5)	8.5 (18)	20.5 (25)	()
Max. intensity	6 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	3 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	1 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
Summary of all recorded years starting from 19 ~ 19													
Average													
Max. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Min. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Daily Max.	1-day	2-day		3-day			Original						

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DAILY RAINFALL RECORD

Station: AUCHI GOVT SCHOOL

River Basin _____ Basin No. _____ Station No. _____ Location N. ° ' E. ° ' E.L. _____ m

Station Site _____ Drainage Area _____ Km² Year 1976

Day \ Month	Month												Annual
	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	
1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	7.4	0	0	0	4.8	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	8.4	0	0	0	0
5	0	0	0	0	0	0	11.0	0	0	0	0	0	0
6	0	6.4	0	0	0	0	18.6	0	0	0	14.0	0	0
7	0	0	0	0	14.3	0	0	0	0	0	0	0	0
8	0	0	0	12.5	0	0	0	0	0	0	0	0	0
9	0	4.8	2.0	10.1	0	0	6.3	0	0	0	0	0	0
10	0	0	0	0	12.0	7.0	3.0	0	0	22.1	0	0	0
11	0	0	38.0	0	0	0	2.6	0	4.2	35.4	0	0	0
12	0	0	2.3	0	0	0	0	0	0	0	0	0	0
13	0	12.2	0	0	40.0	3.0	0	0	6.3	0	0	0	0
14	0	0	0	13.6	4.0	0	0	0	0	18.2	0	0	0
15	0	0	0	31.6	0	5.0	33.0	0	0	0	0	0	0
16	0	0	0	0	4.0	0	0	0	0	40.3	0	0	0
17	0	0	0	0	0	19.5	0	10.0	0	2.1	0	0	0
18	0	0	0	0	0	0	0	3.7	10.0	12.0	0	0	0
19	0	0	0	0	0	0	0	48.4	9.3	0	0	0	0
20	0	0	0	0	2.5	0	0	7.0	0	0	7.0	0	0
21	0	0	0	20.0	0	0	36.5	74.0	0	0	0	0	0
22	0	0	14.5	0	0	0	0	0	39.5	19.3	0	1.8	0
23	0	0	0	0	50.1	7.7	0	4.0	0	0	0	0	0
24	0	0	0	0	8.5	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	10.9	0	0	0
26	0	87.0	0	12.2	0	0	0	0	0	15.4	0	0	0
27	0	0	0	0	0	18.0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	8.6	14.4	0	0	0
29	0	/	0	12.7	27.0	0	0	0	0	0	0	0	0
30	0	/	0	0	0	0	0	0	0	0	0	0	0
31	0	/	0.5	/	0	/	0	0	/	2.7	/	4.5	/
Total	0	117.8	57.3	113.0	162.4	83.0	111.0	147.0	86.3	192.8	31.0	6.3	
Number of rainy day		5	5	7	9	7	7	6	7	11	2	2	
Max. within one recorded day (Date)	()	87.0 (26)	38.0 (11)	31.6 (15)	50.1 (23)	19.5 (17)	36.5 (21)	74.0 (21)	39.5 (22)	40.3 (16)	14.0 (6)	4.5 (31)	()
Max. intensity	6 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	3 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	1 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
Summary of all recorded years starting from 19 ~ 19													
Average													
Mar. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Min. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Daily Max.	1-day			2-day			3-day			Original			

DAILY RAINFALL RECORD

Station: AUCHI GOVT SCHOOL

River Basin _____ Basin No. _____ Station No. _____ Location N. ° ' _____ E. ° ' _____ E.L. _____ m

Station Site _____ Drainage Area _____ Km² Year 1977

Month Day	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	Annual
1	3.6	0											
2	0	0											
3	0	0											
4	0	0											
5	0	0											
6	0	0											
7	0	0											
8	0												
9	0												
10	0												
11	0												
12	0												
13	0												
14	0												
15	0												
16	0												
17	0												
18	0												
19	0												
20	0												
21	0												
22	0												
23	0												
24	0												
25	0												
26	0												
27	0												
28	0												
29	0												
30	0												
31	0												
Total	3.6												
Number of rainy day	1												
Max. within one recorded day (Date)	3.6 (1)	()	()	()	()	()	()	()	()	()	()	()	()
Max. Intensity	6 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	3 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	1 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
Summary of all recorded years starting from 19 ~ 19													
Average													
Mar. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Min. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Daily Max.	1-day			2-day			3-day			Original			

DAILY RAINFALL RECORD

Station: WARRAKE FARM

River Basin _____ Basin No. _____ Station No. _____ Location N. ° ' E. ° ' E.L. _____ m
 Station Site _____ Drainage Area _____ Km² Year 1976

Day \ Month	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	Annual
	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	
1	0	0	0	0	0	0	4.6	0.2	0	25.0	0	0	
2	0	0	0	0	0	0	0	0	0	1.7	2.6	0	
3	0	2.8	0	0	0	2.4	0	3.9	0	50.1	13.1	0	
4	0	0	0	0	0	0	0	1.9	6.9	0	0	0	
5	0	0	0	0	0	5.7	2.1	0	0	0	0	0	
6	0	0	0	0	2.8	0	10.1	0	0	0	0	0	
7	0	0	0	3.0	43.5	0	0	0	0	0	0	0	
8	0	0	0	72.4	0	0	0	0.5	0	0	0	0	
9	0	13.3	0	3.0	6.4	0	5.1	1.2	0	7.0	0	0	
10	0	0	2.1	7.8	0	20.0	8.2	0	0	3.0	0	0	
11	0	0	25.0	0	0	3.0	0.8	0	24.2	29.3	0	0	
12	0	4.7	0	0	0	0	0	0	0	0	0	0	
13	0	2.5	0	1.5	38.8	0	0	0	7.9	0	0	0	
14	0	18.0	0	10.0	20.1	1.0	3.0	32.9	22.0	24.9	0	0	
15	0	0	0	0	0	29.2	14.6	15.4	0	0	0	0	
16	0	0	24.5	0	11.1	0	0	31.6	0	29.4	0	0	
17	0	0	0	0	0	1.6	3.1	11.6	0	10.0	0	0	
18	0	0	0	0	0	0	0	0	5.3	55.1	0	0	
19	0	0	0	0	0	0	0	0	32.7	17.9	0	0	
20	0	0	0	0	0	0	54.6	4.6	0	0	0	0	
21	0	0	0	1.3	31.2	0	3.8	47.8	0	0	0	0	
22	0	0	0	0	0	0	0	0	15.1	0	0	6.7	
23	0	0	57.8	30.0	16.3	16.5	0	14.3	0	0	0	0	
24	0	0	0	0	3.3	1.0	0	2.3	0	0	0	0	
25	0	0	0	0	0	0	0	0	5.3	16.8	0	0	
26	0	17.6	0	15.7	4.5	0	0.7	0	0	28.1	0	0	
27	0	0	0	0	0	32.5	0	0	11.6	2.4	0	0	
28	0	0	0	0	31.5	0	1.2	26.8	0	13.3	0	0	
29	0	/	0	38.0	1.3	0	0	0	0	0	0	0	
30	0	/	0	0	0	6.4	0	0	3.1	0	0	0	
31	0	/	21.2	/	35.5	/	0	0	/	0	/	1.9	
Total	0	58.9	133.6	182.7	246.3	119.3	101.9	195.0	134.1	314.0	15.7	8.6	
Number of rainy day		6	5	10	13	11	13	14	10	15	2	2	
Max. within one recorded day (Date)	()	18.0 (14)	57.8 (23)	38.0 (29)	43.5 (7)	32.5 (27)	54.6 (20)	47.8 (21)	32.7 (19)	55.1 (18)	13.1 (3)	6.7 (22)	()
Max. intensity	6 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	3 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	1 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
Summary of all recorded years starting from 19 ~ 19													
Average													
Mar. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Min. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Daily Max.	1-day	2-day		3-day			Original						

DAILY RAINFALL RECORD

Station: AGBEDE FARM

River Basin _____ Basin No. _____ Station No. _____ Location N. ° ' E. ° ' E.L. _____ m

Station Site _____ Drainage Area _____ Km² Year 1973

Day \ Month	Month												Annual
	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	
1	0	0	0	0	0	5.3	17.3	1.0	0	0	0	0	
2	0	0	0	0	0	0	0	0	0	0	0	0	
3	0	0	0	0	3.8	0	0	0	38.1	26.7	0	0	
4	0	0	0	0	8.6	0	0	0	1.8	0	0	0	
5	0	0	0	0	11.9	56.9	0	36.8	0	0	0	0	
6	0	0	0	0	0	0	0	3.8	0	3.8	0	0	
7	0	0	0	0	0	17.8	5.1	0	0	0	0	0	
8	0	0	0	0	0	0	0	1.5	0	0	0	0	
9	0	0	0	0	61.2	48.3	0	5.1	31.8	37.3	0	0	
10	0	0	0	0	0	1.5	0	0	0	0	0	0	
11	0	0	0	0	10.4	0	2.8	37.1	3.0	0	0	0	
12	0	0	0	0	3.6	0	0	1.5	0	26.7	0	0	
13	0	0	0	0	0	58.7	0	0	3.0	0	0	0	
14	0	0	0	0	0	0	0	0	1.0	0	0	0	
15	0	0	0	0	27.4	0	0	0	0	0	0	0	
16	0	0	0	0	25.9	4.1	0	0	10.2	0	0	0	
17	0	0	3.0	0	0	0	0	0	23.9	0	0	0	
18	0	0	0	5.6	0	3.3	2.5	0	0	0	0	0	
19	0	0	0	0	0	0	0	0	0	15.2	0	0	
20	0	0	0	0	0	0	34.8	3.0	0	0	0	0	
21	0	0	4.3	36.8	0	0	0	11.9	0	0	0	0	
22	0	0	0	0	1.8	0	0	2.8	0	0	0	0	
23	0	0	0	0	0	0	0	10.2	0	19.1	0	0	
24	0	0	0	0	5.6	0	27.9	38.1	1.8	0	0	0	
25	0	0	11.4	0	0	6.4	0	0	0	4.6	0	0	
26	0	0	0	0	12.7	28.5	0	22.9	0	0	0	0	
27	0	0	0	0	0	0	0	22.9	20.3	0	0	0	
28	0	0	0	0	0	31.0	37.3	0	1.0	0	0	0	
29	0		0	0	0	0	7.1	0	1.0	0	0	0	
30	0		33.5	0	0	0	0	10.2	33.0	0	0	0	
31	0		0		5.1		20.3	0		0		0	
Total	0	0	52.3	42.4	192.0	261.6	155.2	208.8	172.5	133.4	0	0	
Number of rainy day			4	2	12	11	9	15	13	7			
Max. within one recorded day (Date)	()	()	33.5 (30)	36.8 (21)	27.4 (15)	58.7 (13)	37.3 (28)	38.1 (24)	38.1 (3)	27.3 (9)	()	()	()
Max. intensity	6 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	3 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	1 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
Summary of all recorded years starting from 19 ~ 19													
Average													
Mar. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Min. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Daily Max.	1-day			2-day			3-day			Original			

DAILY RAINFALL RECORD

Station: AGBEDE FARM

River Basin Basin % Station % Location N. ° ' E. ° ' E.L. m

Station Site Drainage Area km² Year 1974

Month Day :	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	Annual
1	0	0	6.1	31.2	16.3	12.7	0	1.3	22.9	14.0	0	0	
2	0	0	0	0	0	0	7.9	7.6	0	0	0	0	
3	0	0	0	0	26.7	11.4	64.8	3.6	3.6	0	0	0	
4	0	0	0	0	0	0	13.2	0	0	18.8	0	0	
5	0	0	0	0	0	25.1	14.0	0	5.1	0	0	0	
6	0	0	0	0	0	5.6	4.6	0	19.1	0	0	0	
7	0	0	0	59.7	0	0	0.8	0	47.5	0	0	0	
8	0	0	0	0	0	0	0	0	5.6	0	0	0	
9	0	0	0	25.4	0	0	2.3	53.3	0	0	0	0	
10	0	0	0	0	0	6.6	0	0	2.0	73.4	0	0	
11	0	0	0	0	0	0	0	3.6	1.3	0	0	0	
12	0	0	0	10.2	3.7	0	0.5	0	0	0	0	0	
13	0	0	0	0	0	0	0	9.4	5.1	62.2	0	0	
14	0	0	21.3	0	0	0	13.5	0.8	0	0	0	0	
15	0	0	0	0	58.4	0	20.3	0	11.4	0	0	0	
16	0	0	0	0	0	47.5	11.4	10.9	6.6	9.1	0	0	
17	0	0	0	23.9	26.7	0	2.5	0	0	0	0	0	
18	0	0	0	0	0	0	7.6	0	0	9.1	0	0	
19	0	0	0	0	33.1	29.6	0	0	22.9	0	0	0	
20	0	0	0	0	0	0	0	0.8	0	0	0	0	
21	0	0	0	0	3.5	0	9.4	0	11.4	0	0	0	
22	0	0	0	0	25.1	0	12.2	0	0	15.2	0	0	
23	0	0	0	0	0	0	0	0	47.0	0	0	0	
24	0	2.6	0	0	0	25.4	1.3	0	0	54.6	0	0	
25	0	0	0	0	0	48.3	70.4	0	0	0	0	0	
26	0	0	0	3.6	25.1	14.0	40.7	4.6	27.4	0	0	0	
27	0	0	8.4	0	0	0	20.3	11.4	0	0	0	0	
28	0	0	0	45.7	0	0	25.4	5.1	0	0	0	0	
29	0	0	0	0	0	63.5	0	0	47.0	0	0	0	
30	0	0	0	0	0	0	7.1	1.3	0	0	0	0	
31	0	0	0	0	0	0	6.4	3.6	0	0	0	0	
Total	0	3.6	25.3	199.6	232.3	294.6	356.1	113.5	240.0	318.2	0	0	
Number of rainy day		1	3	7	9	11	22	14	15	9			
Max. within one recorded day (Date)		3.6 (24)	21.3 (14)	59.7 (7)	58.4 (15)	63.5 (29)	70.4 (25)	53.3 (9)	47.5 (7)	73.4 (10)			
Max. intensity	6 hr (Date)												
	3 hr (Date)												
	1 hr (Date)												
Summary of all recorded years starting from 19 ~ 19													
Average													
Mar. (Year)													
Min. (Year)													
Daily Max.	1-day	2-day		3-day			Original						

DAILY RAINFALL RECORD

Station: ASBEDE FARM

River Basin _____ Basin No. _____ Station No. _____ Location N. ° ' _____ E. ° ' _____ E.L. _____ m

Station Site _____ Drainage Area _____ Km² Year 1975

Month Day	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	Annual
	1	0	0	0	0	0	26.2	0	66.0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	7.0	0	0	
3	0	0	0	0	43.2	20.3	0	0	0	0	0	0	
4	0	0	0	0	0	0	60.0	0	0	0	0	0	
5	0	0	0	0	0	0	0	0	0	0	0	0	
6	0	0	0	0	0	0	20.0	9.1	0	30.1	0	0	
7	0	0	0	0	83.3	0	0	0	0	20.0	0	0	
8	0	0.5	0	7.6	0	14.7	7.0	0	30.0	0	20.0	0	
9	0	0	0	0	0	0	0	9.0	0	0	0	0	
10	0	0	8.6	4.1	30.0	0	9.0	0	0	0	0	0	
11	0	0	0	0	4.3	0	20.0	0	0	0	0	0	
12	0	0	0	0	17.8	0	0	0	0	0	0	0	
13	0	0	0	3.0	0	12.7	45.0	2.1	0	0	0	0	
14	0	0	0	19.1	0	12.7	0	0	0	0	0	0	
15	0	0	0	0	40.6	0	0	0	0	0	5.0	0	
16	0	0	0	0	0	0	0	0	15.0	0	0	0	
17	0	8.6	0	0	43.2	10.2	0	0	0	0	0	0	
18	0	0	0	25.4	0.5	0	0	0	0	0	0	0	
19	0	0	0	0	37.6	32.5	0	10.0	10.0	0	0	0	
20	0	0	0	0	0	22.9	10.0	0	0	0	0	0	
21	0	0	0	0	0	0	0	0	0	0	0	0	
22	0	0	0	0	0	12.7	14.0	0	0	0	0	0	
23	0	0	0	0	10.2	0	30.0	0	90.0	0	0	0	
24	0	0	0	1.5	44.5	0	0	0	60.0	0	0	0	
25	0	0	0	0	12.7	0	7.0	0	0	0	0	0	
26	0	0	0	0	0	0	0	0	0	35.0	0	0	
27	0	0	0	0	0	0	0	0	0	0	0	0	
28	0	0	0	0	0	0	0	0	0	0	0	0	
29	0	0	0	0	19.1	51.1	24.0	0	0	25.0	0	0	
30	0	0	0	22.9	10.2	1.5	0	0	0	0	0	0	
31	0	0	0	0	0	0	14.0	0	0	0	0	0	
Total	0	9.1	8.6	67.6	397.0	217.4	260	96.2	205.0	117.1	25.0	0	
Number of rainy day		2	1	7	14	11	12	5	5	5	2		
Max. within one recorded day (Date)	()	8.6 (17)	8.6 (10)	25.4 (18)	83.3 (7)	51.1 (29)	60.0 (4)	66.0 (1)	90.0 (23)	35.0 (26)	20.0 (8)	()	()
Max. Intensity	6 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	3 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	1 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
Summary of all recorded years starting from 19 ~ 19													
Average													
Mar. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Min. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Daily Max.	1-day			2-day			3-day						Original

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DAILY RAINFALL RECORD

Station: AGBEDE FARM

River Basin _____ Basin % _____ Station % _____ Location N. ° ' E. ° ' E.L. _____ m

Station Site _____ Drainage Area _____ Km² Year 1976

Month Day	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	Annual
	1	0	0	0	0	0	0	22.2	0	0	0	10.8	0
2	0	0	0	0	0	0	0	0	2.0	8.8	0	0	
3	0	0	0	0.1	0	0	0	0	0	9.9	0	0	
4	0	0	0	0	0	0	0	0	0	40.3	0	0	
5	0	0	0	0	0	0	0.2	0	1.1	0.5	18.8	0	
6	0	0	0	0	0	0	0.6	0	5.6	0	0	0	
7	0	20.1	0	0	0	0	6.0	0	0.3	0	39.8	0	
8	0	0	0	0	28.2	0	0.4	0	0	0	0	0	
9	0	0.7	14.9	65.6	0	0	0.4	0	0	0	0	0	
10	0	0	0	28.0	21.6	0	0	0	0	0.3	0	0	
11	0	0	0	0	0	0	9.2	0	0	31.3	0	0	
12	0	0.5	0	0	0	0	0	0	0	3.3	0	0	
13	0	4.0	0	10.1	0	0	0	0	0	0	0	0	
14	0	0	0	0.1	27.0	0	0	0	28.4	0	0	0	
15	0	3.0	7.0	0	0	0	0	6.0	27.9	22.4	0	0	
16	0	0	8.1	0	32.0	0	0	27.6	0	0	0	0	
17	0	0	0	0	0	0	0	26.8	0	19.9	0	0	
18	0	0	0	0	0	0	0	8.5	0	59.2	0	0	
19	0	0	0	0	0	0	0	0	4.0	20.8	39.0	0	
20	0	0	0	0	0	0	0	0	28.4	14.2	0	0	
21	0	0	0	0	0	0	80.1	6.4	0.6	0	0	0	
22	0	0	0	15.7	23.8	0	0	0	0	0	0	0	
23	0	0	1.5	46.2	56.8	0	0	0	7.4	0	0	0	
24	0	0	0	0	0	0	0	0	0.2	0.8	0	0	
25	0	15.0	0	0	0	0	0	0	0	10.7	0	0	
26	0	0	5.0	62.1	0	0	0	0	1.28	8.3	0	0	
27	0	18.1	0	0	0	0	11.0	1.3	0	24.0	0	0	
28	0	0	0	0	0	0	0	0	10.5	35.0	0	0	
29	0	0	0	19.8	48.6	0	0	0.2	0	0	0	0	
30	0	0	0	0	0	0	0	3.7	0	0	0	0	
31	0	0	0	0	0	0	0	0	0	0	0	0	
Total	0	61.3	36.5	247.5	238.0	0	136.8	80.5	117.8	309.6	108.4	0	
Number of rainy day		7	5	9	7		9	8	13	17	4		
Max. within one recorded day (Date)	()	20.1 (7)	14.9 (9)	65.6 (9)	56.8 (23)	()	80.1 (21)	27.6 (16)	28.4 (14.20)	59.2 (18)	39.8 (17)	()	()
Max. intensity	6 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	3 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	1 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
Summary of all recorded years starting from 19 ~ 19													
Average													
Mar. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Min. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Daily Max.	1-day			2-day			3-day			Original			

DAILY RAINFALL RECORD

Station: IRRUA GOVT FARM

River Basin _____ Basin % _____ Station % _____ Location N. ° ' E. ° ' E.L. _____ m

Station Site _____ Drainage Area _____ Km² _____ Year 1970

Month Day	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	Annual
	1	0	0	0	0	0	0	8.4	10.7	0	25.7	0	0
2	0	0	0	0	0	2.5	1.3	0.5	0.5	4.3	0	0	
3	0	0	0	0	0	17.8	7.1	0	0	8.6	0	0	
4	0	0	0	0	0	0	0	0	17.3	0.3	0	0	
5	0	0	0	0	10.7	0	3.8	27.4	10.2	3.6	0	0	
6	0	0	0	27.9	0	0	2.5	1.5	4.3	15.0	0	0	
7	0	0	43.9	0	0	0	0	0	31.5	0	0	0	
8	0	0	50.8	0	57.9	10.4	2.8	47.0	65.5	0	0	0	
9	0	0	0	0	0	0	0	0	48.5	6.4	0	0	
10	0	0	38.1	0		0	15.2	14.7	4.3	1.0	0	0	
11	0	0	0	0	31.8	19.1	0	0	27.2	0.8	0	0	
12	0	0	0	0	0	0	0	0	0.5	0.5	0	0	
13	0	0	12.7	3.3	0	0	0	0	1.8	19.6	0	0	
14	0	0	0	0	0	41.1	22.6	8.4	1.8	0	0	0	
15	0	0	0	0	4.6	5.1	57.2	18.5	0.3	0	0	0	
16	0	0	0	6.1	0	0	23.1	1.3	20.8	0	0	0	
17	0	0	0	0	0	0	4.3	32.5	0.5	0	0	0	
18	0	0	0	0	14.2	0	3.0	0.51	0	0	7.9	0	
19	0	0	0	0	25.4	12.4	10.4	0	9.1	0	0	0	
20	0	0	0	0	0	5.3	1.3	0.51	19.8	0	0	0	
21	0	0	0	0	28.7	23.4	0	0.77	1.0	0	0	0	
22	0	0	0	0	0	0.5	0	6.4	0	0	0	0	
23	0	0	0	0	0	0	0	8.4	27.4	8.6	0	0	
24	0	0	0	0	0	0	3.6	6.1	0	0	0	0	
25	0	0	0	0	0	2.5	0	4.8	1.5	0.8	0	0	
26	0	0	0	16.5	0	8.4	0	1.0	0	0	0	0	
27	0	0	0	0	0	1.5	0	2.0	0	2.0	0	0	
28	0	0	0	0	0	0	36.6	0	2.3	0	0	0	
29	0		0	0	25.4	3.8	0	2.8	27.9	0	0	0	
30	0		0	0	0	67.1	0	0	1.5	0	0	0	
31	0		0		31.8		2.0	0		0		0	
Total	0	0	145.5	53.8	230.4	221.0	205.2	195.8	325.6	97.0	7.9	0	
Number of rainy day			4	4	9	15	17	20	23	14	1		
Max. within one recorded day (Date)	()	()	50.8 (8)	27.9 (6)	57.9 (8)	67.1 (30)	57.2 (15)	47.0 (8)	48.5 (9)	25.7 (1)	7.9 (18)	()	()
Max. intensity	6 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	3 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	1 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
Summary of all recorded years starting from 19 ~ 19													
Average													
Max. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Min. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Daily Max.	1-day			2-day			3-day			Original			

DAILY RAINFALL RECORD

Station: IRWA GOVT FARM

River Basin _____ Basin No. _____ Station No. _____ Location N. ° ' E. ° ' E.L. _____ m

Station Site _____ Drainage Area _____ Km² Year 1971

Month Day	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	Annual
1	0	0	0	0	0	0	0	1.5	0	0	0	0	
2	5.8	0	0	8.9	0	18.5	0	3.6	30.5	0	0	0	
3	0	0	0	0	0	0	14.5	0	11.4	8.1	0	0	
4	11.7	0	1.8	0	0	12.7	2.5	0	42.7	0	0	0	
5	0	0	0	0	0	0	2.0	1.5	2.0	0	0	0	
6	5.1	0	0	0	0	0	0	17.8	25.9	0	0	0	
7	0	0	0	0	0	0	36.8	0	0	3.0	0	0	
8	0	0	0	0	11.9	5.1	9.7	1.0	3.0	2.5	0	1.3	
9	0	0	0	20.6	10.4	0	37.6	0.8	4.3	16.5	0	9.1	
10	0	0	0	0	0	1.3	3.6	4.3	22.3	32.0	0	0	
11	0	0	3.3	0	0	14.0	0	2.5	1.5	11.7	0	0	
12	0	0	0	0	0	0	0	36.1	0	5.1	0	0	
13	0	6.6	0	36.8	0	13.5	0	17.0	29.7	0	0	0	
14	0	0	0	0	8.1	0	0	15.2	0	2.0	0	0	
15	0	0	0	0	3.0	8.9	9.1	0	0	0	0	0	
16	0	0	0	0	32.0	0	16.8	0	4.1	12.7	0	0	
17	0	0	0	0	2.8	21.6	0	0.8	13.2	8.4	0	0	
18	0	0	6.9	16.3	0	7.9	0	4.1	48.5	0	0	0	
19	0	0	7.9	0	20.8	15.0	7.9	6.1	0	0	0	0	
20	0	0	0	10.2	0	0	46.5	0	31.8	0	0	0	
21	0	0	25.4	0	0	0	2.5	0	25.7	0	0	0	
22	0	18.0	2.0	0	26.9	2.0	0	11.9	16.8	1.8	0	0	
23	0	0	0	0	0	4.8	0	0	41.1	0	0	0	
24	0	0	0	15.5	0	0	42.7	1.0	0	0	0	0	
25	0	0	0	0	23.9	1.3	0	4.1	16.3	0	0	0	
26	0	0	0	0	0	2.5	0.8	0	0	0	0	0	
27	0	0	0	15.2	0	13.0	0.8	0.8	0	0	0	0	
28	0	0	2.5	0	7.1	0	17.0	0.5	0	0	0	0	
29	0	0	0	0	0	1.0	4.1	9.7	61.5	0	0	0	
30	0	0	2.8	0	0	20.3	8.6	2.5	0	0	0	0	
31	0	0	0	0	6.9	0	1.0	0	0	0	0	0	
Total	22.6	24.6	52.6	123.4	153.9	163.3	264.4	142.7	442.2	103.9	0	10.4	
Number of rainy day	3	2	8	7	11	17	19	21	19	11		2	
Max. within one recorded day (Date)	11.7 (4)	18.0 (22)	25.4 (21)	36.8 (13)	32.0 (16)	21.6 (17)	46.5 (20)	36.1 (12)	61.5 (29)	32.0 (10)		9.1 (9)	
Max. Intensity	6 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	3 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	1 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
Summary of all recorded years starting from 19 ~ 19													
Average													
Mar. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Min. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Daily Max.	1-day			2-day			3-day			Original			

DAILY RAINFALL RECORD

Station: IRUA GOVT FARM

River Basin _____ Basin No. _____ Station No. _____ Location N. ° ' E. ° ' E.L. _____ m

Station Site _____ Drainage Area _____ km² Year 1972

Month Day	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	Annual
	1	0	0	0	17.8	0	0	0	2.0	15.2	3.0	0	
2	0	0	0	0	0	7.6	0	0	1.3	30.5	0	0	
3	0	0	0	15.2	22.9	0	0	1.3	1.3	27.4	0	0	
4	0	0	0	1.3	0	4.6	0	66.5	11.2	0	0	0	
5	0	0	0	4.1	0	20.3	4.6	2.0	0	1.3	0	0	
6	0	0	0	0	0	5.6	5.1	1.3	11.2	15.7	0	0	
7	0	0	0	43.7	4.8	0	0	0	9.7	7.9	0	0	
8	0	3.8	0	0	0	61.7	0	0	8.1	0	0	0	
9	0	3.8	0	0	12.2	0	0	10.2	3.8	0	0	0	
10	0	0	0	0	0	0	17.3	3.3	0	0	0	0	
11	0	4.6	0	0	1.8	16.0	8.9	6.9	2.5	4.1	0	0	
12	0	0	0	0	0	20.3	1.3	0	0	0	0	0	
13	0	0	0	0	0	6.4	0	0	0	0	0	0	
14	0	0	20.3	0	9.9	0	0	0	18.5	0	0	0	
15	0	0	0	38.4	30.7	0	0	0	7.6	0	0	0	
16	0	0	0	0	0	17.3	1.3	0	0	18.5	0	0	
17	0	0	0	1.3	19.1	5.3	0	0	0	0	0	0	
18	0	0	1.5	0	1.3	0	6.9	3.0	5.8	0	0	0	
19	2.0	0	0	1.3	0	1.3	0	2.0	0	0	0	0	
20	0	0	0	20.8	0	0	1.3	9.7	6.4	9.4	0	0	
21	0	0	0	0	0	8.1	3.6	28.2	5.1	0	0	0	
22	0	1.0	0	0	0	19.3	7.1	37.6	0	0	0	0	
23	0	1.5	0	0	1.3	0	0	3.0	0	0	0	0	
24	0	0	0	20.6	0	5.6	0	26.7	0	1.3	0	0	
25	0	0	0	21.1	1.0	0	5.3	15.2	0	8.4	0	0	
26	0	0	5.6	0	7.6	0	1.3	0	0	0	0	0	
27	0	26.7	14.0	0	0	1.3	1.3	0	14.0	0	0	0	
28	0	0	11.2	0	0	0	0	2.0	0	0	0	0	
29	0	9.4	0	0	0	0	2.5	5.1	0	0	0	0	
30	0	0	0	0	34.8	1.8	1.5	4.6	14.7	0	0	34.2	
31	0	0	2.5	0	0	0	6.1	8.9	0	0	0	0	
Total	2.0	50.8	55.1	185.4	147.3	202.4	65.5	239.5	136.4	127.5	0	34.2	
Number of rainy day	1	7	6	11	12	16	16	20	16	11		1	
Max. within one recorded day (Date)	2.0 (19)	26.7 (27)	20.3 (14)	43.7 (7)	34.8 (30)	61.7 (8)	17.3 (10)	66.5 (4)	18.5 (14)	30.5 (2)		34.2 (30)	
Max. intensity	6 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	3 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	1 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
Summary of all recorded years starting from 19 ~ 19													
Average													
Mar. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Min. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Daily Max.	1-day		2-day		3-day		Original						

DAILY RAINFALL RECORD

Station: IRRVA GOVT FARM

River Basin _____ Basin % _____ Station % _____ Location N. ° ' E. ° ' E.L. _____ m

Station Site _____ Drainage Area _____ Km² Year 1973

Month Day	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	Annual
	1	0	0	0	3.8	4.3	29.2	21.8	1.0	17.8	0	0	
2	0	0	0	0	0	0	0	0	33.0	1.3	0	0	
3	0	0	0	4.3	0	3.6	0	1.0	7.6	44.5	0	0	
4	0	0	0	6.9	8.1	57.7	0	1.0	3.8	1.3	0	0	
5	0	0	0	0	5.3	0	3.0	33.0	0	0	0	0	
6	0	0	0	6.6	0	9.9	0	0	8.9	0	0	0	
7	0	0	0	0	0	22.6	18.8	14.0	0	0	0	0	
8	0	0	0	0	0	4.1	0	7.6	18.3	35.6	0	0	
9	0	0	0	0	38.1	17.3	0	6.4	2.0	1.3	0	0	
10	0	0	0	0	20.6	46.2	1.5	5.8	1.3	0	0	0	
11	0	0	0	0	1.3	0	1.3	8.4	0	8.9	0	0	
12	0	0	0	0	0	0	2.5	0	24.1	0	0	0	
13	0	0	31.0	9.7	12.7	29.0	0	0	25.4	0	0	0	
14	0	0	0	0	0	2.5	10.7	4.6	125.5	0	0	0	
15	0	0	0	0	8.9	13.0	1.3	0	39.6	0	0	0	
16	0	0	0	0	0	0	1.3	0	43.2	0	0	0	
17	0	0	0	15.2	0	16.3	14.2	2.0	0	0	0	0	
18	0	5.1	0	1.8	0	32.0	66.8	0	0	0	0	0	
19	0	0	0	0	0	0	0	109.2	0	26.7	0	0	
20	0	0	0	0	0	0	0	2.5	2.5	0	0	0	
21	0	0	5.8	37.3	0	0	6.4	61.0	0	0	0	0	
22	0	0	14.0	0	0	15.2	0	6.4	0	0	0	0	
23	0	0	0	0	22.4	0	0	1.3	17.8	26.7	0	0	
24	0	0	0	0	13.2	10.9	3.8	1.3	27.9	1.3	0	0	
25	0	0	0	0	0	11.4	7.1	1.0		1.3	0	0	
26	0	0	0	0	0	13.5	0	5.3	27.9	0	0	0	
27	0	0	0	0	0	7.1	0	0		0	0	0	
28	0	0	43.7	0	16.0	4.1	0	41.9	7.6	0	0	0	
29	0		0	8.4	0	0	0	3.8	0	0	0	0	
30	0		0	0	0	76.2	8.1	0	0	6.9	0	0	
31	0		0		0		35.6	0		1.8		0	
Total	0	5.1	94.5	94.0	150.9	421.6	204.2	318.5	434.3	157.2	0	0	
Number of rainy day		1	4	9	11	20	16	21	18	12			
Max. within one recorded day (Date)	()	5.1 (18)	43.7 (28)	37.3 (21)	38.1 (9)	76.2 (30)	66.8 (18)	109.2 (19)	125.5 (14)	44.5 (3)	()	()	()
Max. intensity	6 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	3 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	1 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
Summary of all recorded years starting from 19 ~ 19													
Average													
Mar. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Min. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Daily Max.	1-day			2-day			3-day			Original			

DAILY RAINFALL RECORD

Station: IRVA GOVT FARM

River Basin _____ Basin No. _____ Station No. _____ Location N. ° ' E. ° ' E.L. _____ m

Station Site _____ Drainage Area _____ Km² Year 1974

Month Day	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	Annual
	1	0	0	2.5	2.8	11.4	20.6	0	1.3	33.8	16.8	0	0
2	5.6	0	0	4.8	0	0	0	1.3	0	5.1	0	0	
3	0	0	0	0	78.7	0	3.3	0	0	0	6	0	
4	0	0	0	0	0	16.0	10.7	2.0	10.2	0	0	0	
5	0	0	0	0	0	11.2	5.3	0	10.9	0	0	0	
6	0	0	0	3.0	16.3	0	4.3	1.3	0	0	0	0	
7	0	0	0	36.3	0.8	0	0	3.8	2.0	7.9	0	0	
8	0	0	0	0	0	0	0	0	0	41.9	0	0	
9	0	0	0	26.7	0	49.3	0	50.1	0	52.8	0	0	
10	0	0	0	0	0	1.5	0	0	27.9	1.3	0	0	
11	0	0	0	0	17.3	0	0	40.1	1.8	0	0	0	
12	0	0	0	0	0	0	0	11.4	3.0	8.9	0	0	
13	0	0	22.4	0	14.0	0	0	1.3	8.4	36.1	0	0	
14	0	0	7.9	0	44.5	0	46.0	0.5	2.0	0	0	0	
15	0	3.0	0	0	0	6.4	18.8	10.7	31.8	6.6	0	0	
16	0	0	0	2.3	46.2	80.0	55.1	1.3	0	0	0	0	
17	0	0	0	6.1	0	0	2.5	0	0	0	0	0	
18	0	0	0	0	0	0	1.3	0	3.0	1.5	0	0	
19	0	0	3.3	0	0	35.6	0	0	18.3	0	0	0	
20	0	0	0	0	1.3	0	35.1	2.5	3.6	0	0	0	
21	0	0	0.5	0	0	0	1.3	0	20.3	13.7	0	0	
22	0	0	5.1	0	2.0	0	9.7	0	25.1	1.5	0	0	
23	0	20.3	0	0	0	1.5	22.4	0	0	26.4	0	0	
24	0	0	0	0	0	7.4	2.5	0	1.0	0	0	0	
25	0	0	0	0	0	0	29.5	16.8	0	0	0	0	
26	0	0	2.5	21.8	11.7	35.1	24.9	0	16.8	0	0	0	
27	0	0	0.8	0	0	0	4.1	22.4	0	0	0	0	
28	0	0	5.6	62.0	0	0	17.3	0	10.2	0	0	0	
29	0	0	0	0	0	39.4	1.3	1.5	0	23.4	0	0	
30	0	0	0	0	6.4	0	5.1	38.1	0	0	0	0	
31	0	0	0	0	0	0	3.8	2.8	0	0	0	0	
Total	5.6	23.4	50.5	181.1	270.8	303.8	304.0	213.4	230.1	244.9	0	0	
Number of rainy day	1	2	9	9	12	12	21	18	18	14			
Max. within one recorded day (Date)	5.6 (2)	20.3 (23)	22.4 (13)	62.0 (28)	78.7 (3)	80.0 (16)	55.1 (16)	50.1 (9)	33.8 (1)	53.8 (9)	() ()	() ()	() ()
Max. intensity	6 hr (Date)	() ()	() ()	() ()	() ()	() ()	() ()	() ()	() ()	() ()	() ()	() ()	() ()
	3 hr (Date)	() ()	() ()	() ()	() ()	() ()	() ()	() ()	() ()	() ()	() ()	() ()	() ()
	1 hr (Date)	() ()	() ()	() ()	() ()	() ()	() ()	() ()	() ()	() ()	() ()	() ()	() ()
Summary of all recorded years starting from 19 ~ 19													
Average													
Mar. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Min. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Daily Max.	1-day			2-day			3-day			Original			

DAILY RAINFALL RECORD

Station: IRVA GOVT FARM

River Basin _____ Basin No. _____ Station No. _____ Location N. ° ' E. ° ' E.L. _____ m
 Station Site _____ Drainage Area _____ Km² Year 1975

Month Day	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	Annual
1	0	0	0	0	0	0	5.8	17.2	0	0	0	0	
2	0	0	0	0	0	0	0	0	1.5	14.0	0	0	
3	0	0	0	1.0	47.2	5.1	0	0	0	0	0	5.6	
4	0	0	0	0		0	48.3	0	0	38.1	0	0	
5	0	0	0	1.8	16.8	20.3	2.5	0	0	18.0	0	0	
6	0	0.5	0	0	41.9	0	0	35.6	0	2.3	0	0	
7	0	13.7	0	30.7	0	0	0	2.5	40.6	0	0	0	
8	0	11.9	5.6	0	0	23.1	9.7	2.8	30.5	0	11.2	0	
9	0	1.3	0	0	0	0	4.1	13.7	0	2.0	0	0	
10	0	0	0	20.3	0	1.0	51.1	45.2	0	0	0	0	
11	0	0	0	0	0	0	28.2	15.2	5.1	1.3	0	0	
12	0	0	0	0	0	0	30.7	0	33.0	1.3	0	0	
13	0	0	0	0	0	10.2	2.5	0	0	0	0	0	
14	0	0	0	11.9	0	7.6	0	1.3	0	0	11.7	0	
15	0	0	0	0	2.8	0	3.8	0	0	0	0	0	
16	0	0	0	0	26.4	10.4	3.0	0	0	2.0	7.6	0	
17	0	0	0	0	0	4.6	5.6	0	0	7.6	5.1	0	
18	0	0	1.0	54.3	16.5	1.3	0	10.2	21.3	1.5	0	0	
19	0	0	0	0	26.2	2.5	53.6	0	0	0	0	0	
20	0	0	0	0	0	2.5	15.0	1.3	19.6	0	0	0	
21	0	0	0	4.1	7.1	7.6	2.8	0	21.1	0	0	0	
22	0	0	0.5	0	4.3	33.8	21.8	0	22.5	0	0	0	
23	0	0	0	0	8.9	0	9.1	0	0	2.5	3.8	0	
24	0	0	3.8	9.4	0	0	0	7.6	2.5	0.3	0	0	
25	0	0	0	5.3	0	0	4.6	0	19.3	0.8	9.1	19.1	
26	0	0	0	0	0	0.8	0	0	27.9	14.0	3.6	0	
27	0	0	0	0	1.3	0	0	0	0	0	0	0	
28	0	0	0	0	0	0	42.2	0	3.6	7.9	12.2	0	
29	0		0	0	5.1	63.5	19.1	0	18.8	0	0	0	
30	0		0	6.9	0.8	10.2	2.5	0	0	0.3	0	0	
31	0		0		0		2.8	0		0		0	
Total	0	27.4	10.9	145.8	205.2	204.5	308.8	165.4	272.3	113.8	64.3	23.1	
Number of rainy day		4	4	10	13	16	22	11	14	16	8	2	
Max. within one recorded day (Date)		13.7 (7)	5.6 (8)	54.3 (18)	47.2 (3)	63.5 (29)	53.6 (19)	45.2 (10)	40.6 (7)	38.1 (4)	12.2 (28)	19.1 (25)	
Max. intensity 6 hr (Date)		()	()	()	()	()	()	()	()	()	()	()	
Max. intensity 3 hr (Date)		()	()	()	()	()	()	()	()	()	()	()	
Max. intensity 1 hr (Date)		()	()	()	()	()	()	()	()	()	()	()	
Summary of all recorded years starting from 19 ~ 19													
Average													
Mar. (Year)													
Min. (Year)													
Daily Max.	1-day			2-day			3-day			Original			

DAILY RAINFALL RECORD

Station JRVA GOVT FARM

River Basin _____ Basin No. _____ Station No. _____ Location N. ° ' E. ° ' E.L. _____ m

Station Site _____ Drainage Area _____ km² Year 1976

Month Day	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	Annual
1	0	0	0	0.3	0	0	10.7	0.5	0	53.8	0	0	
2	0	3.0	0	0	0	0	0		0	4.3	0	0	
3	0	0	0	22.6	0	1.5	0	4.1	0	10.7	0	0	
4	0	6.1	0	0	0	2.8	1.5	1.8	10.7	0	18.8	0	
5	0	0	0	0	0	17.8	3.6	0	0.5	0	6.4	0	
6	0	0	0	0	6.1	0	0.5		0	0	0	0	
7	0	0	0	9.7	34.5	0	1.3	0	0	6.6		0	
8	0	0	2.0	49.8	0	0	1.0	1.3	0	2.0	0	0	
9	0	3.0	0	10.7	27.9	0	2.5	2.0	0	6.1	48.3	0	
10	0	0	0	0	0	37.1	1.5	0	0	20.3	0	0	
11	0	0	0	22.1	0	26.4	3.6	0	0	25.4	0	0	
12	0	0	0	0	0	0	3.0	0	8.6	12.2	0	0	
13	0	7.1	0	0	37.1	0	35.1	0	27.9	20.32	0	0	
14	0	28.4	0	11.7	7.1	7.1	0.5	17.8	0	12.2	0	0	
15	0	0	23.9	0	59.4	4.6	1.0	40.6	0	0	0	0	
16	0	0	4.6	3.6	2.5	0	2.0	41.7	0	27.0	0	0	
17	0	0	0	0	0	4.3	0.5	5.3	0	5.6	0		
18	0	0	0	0	0	0	2.0	0	3.3	2.5	5.8		
19	0	2.5	0	0	0	20.3	0	2.5	10.4	3.0	0		
20	0	0	0	0	0	2.5	6.1	1.5	0	0	0		
21	0	0	0	0	15.2	6.9	5.6	2.8	0	13.2	0		
22	0	0	0	0	9.1	5.1	0	2.0	24.1	0.5	0		
23	0	0	30.0	62.0	32.0	56.4	0	0		25.7	0		
24	0	0	0	0	1.0	7.6	0		0.3	16.8	0		
25	0	0.8	0	0	0	1.5	0	0	7.9	40.6	0		
26	0	43.7	10.2	6.9	0	0	0	0	0	44.5	0		
27	0	0	0	0	0	18.8	12.7		6.9	10.4	0		
28	0	0	0	0	29.5	0	3.6	6.1	3.6	18.3	0		
29	0	0	0	22.4	0	13.5	1.5	19.3	0	0	0		
30	0		0	0	0	0	0	0	3.6	0	0		
31	0		0		44.5		0	0		1.8			
Total	0	94.7	70.6	21.5	306.1	234.2	99.8	149.4	107.7	383.8	79.2		
Number of rainy day		8	5	11	13	17	21	15	12	24	4		
Max. within one recorded day (Date)	()	43.7 (26)	30.0 (23)	62.0 (23)	59.4 (15)	56.4 (23)	35.1 (13)	41.7 (16)	27.9 (13)	53.8 (1)	48.3 (9)	()	()
Max. intensity	6 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	3 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
	1 hr (Date)	()	()	()	()	()	()	()	()	()	()	()	()
Summary of all recorded years starting from 19 ~ 19													
Average													
Mar. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Min. (Year)	()	()	()	()	()	()	()	()	()	()	()	()	()
Daily Max.	1-day			2-day			3-day			Original			

MONTHLY RAINFALL RECORD

EL: _____ STATION: Owerri

Year Month	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	Year Month
Jan	44.7	70.6	19.2		9.1	7.9	0.0	0.0	31.8	0.0	Jan
Feb	45.7	32.0	25.1		50.3	0.0	53.3	49.2	16.5	74.4	Feb
Mar	14.5	72.9	128.8		56.0	193.5	42.7	110.7	68.1	180.8	Mar
Apr	267.5	213.4	204.7		243.8	218.4	266.7	172.0	161.0	271.5	Apr
May	372.4	277.4	201.2		216.7	238.0	222.5	386.8	259.3	253.0	May
June	199.4	252.0	293.5		222.3	324.9	152.7	270.5	367.0	331.0	June
July	161.8	265.2	432.6		537.5	283.5	197.9	196.6	175.7	541.6	July
Aug	85.9	85.3	326.6		166.9	289.3	554.2	144.0	415.8	226.8	Aug
Sept	477.8	464.6	412.2		344.4	304.5	352.8	392.2	494.0	507.0	Sept
Oct	199.4	374.1	352.9		287.5	242.1	118.9	185.4	416.2	186.2	Oct
Nov	15.7	119.4	20.2		5.8	18.8	0.0	141.2	59.4	58.7	Nov
Dec	3.0	54.2	53.6		5.1	5.1	3.8	19.3	0.0	0.0	Dec
TOTAL	1889.8	2296.2	2476.8		2172.2	2176.0	2015.5	2112.6	2760.5	2630.4	TOTAL
ACCUM											ACCUM
NOS.											NOS.
THRU MEAN											THRU MEAN

Year Month	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	Year Month
Jan	96.3	19.1	12.7	7.0	10.4	25.4	52.8	17.8	0.0	0.0	Jan
Feb	82.0	47.0	0.0	7.0	57.1	87.6	15.7	15.0	28.4	23.1	Feb
Mar	55.4	145.0	74.4	130.3	94.2	27.7	106.4	136.7	106.2	124.0	Mar
Apr	352.8	190.5	103.6	306.3	174.7	111.8	194.3	350.5	219.9	174.0	Apr
May	190.2	270.5	493.5	324.6	312.9	311.2	235.2	387.4	211.1	391.6	May
June	223.5	247.4	232.9	283.2	445.5	222.0	423.7	232.2	202.4	305.0	June
July	101.3	510.5	236.2	197.9	226.3	359.4	351.3	389.0	311.2	369.0	July
Aug	619.7	311.5	253.0	441.0	325.1	36.1	225.0	339.1	330.0	213.9	Aug
Sept	379.2	795.6	175.1	247.4	533.2	192.1	315.3	309.9	403.6	218.5	Sept
Oct	306.1	391.9	422.9	361.2	215.1	295.4	232.2	430.0	182.2	229.4	Oct
Nov	125.5	43.4	17.8	97.8	5.8	353.4	42.7	24.9	15.7	109.0	Nov
Dec	56.1	0.0	15.5	8.9	33.3	0.0	0.0	17.2	0.0		Dec
TOTAL	3088.1	2677.4	2643.6	2398.5	2495.8	2162.3	2244.6	2725.3	2212.8	2357.4	TOTAL
ACCUM											ACCUM
NOS.											NOS.
THRU MEAN											THRU MEAN

Unit: _____

MONTHLY RAINFALL RECORD

EL: _____ STATION: Owerri

Year Month	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	Year Month
Jan	42.4	48.0	29.7	0.0	5.8	0.0	18.8	6.1	67.3	0.0	Jan
Feb	33.3	0.0	173.7	81.8	16.8	72.9	102.6	35.1	42.7	90.4	Feb
Mar	116.3	169.4	0.0	329.6	101.9	118.6	302.8	74.4	74.2	190.2	Mar
Apr	207.8	250.7	306.8	433.6	179.8	128.0	301.8	197.1	103.4	150.4	Apr
May	215.4	229.1	251.7	235.0	371.6	247.2	218.2	194.8	229.6	231.9	May
June	322.3	303.8	265.2	286.8	477.5	406.4	277.4	291.8	316.2	268.0	June
July	497.6	501.1	285.0	323.9	577.1	135.9	320.2	320.2	464.8	113.0	July
Aug	497.8	403.6	317.4	459.2	284.0	235.0	424.7	310.9	41.1	126.7	Aug
Sept	411.2	468.6	426.7	408.9	402.1	345.4	410.7	555.0	322.7	376.4	Sept
Oct	243.7	258.6	277.6	211.8	303.5	291.1	307.8	209.7	218.7	319.5	Oct
Nov	36.6	134.9	75.1	17.5	46.0	58.7	212.6	47.8	39.1	55.2	Nov
Dec	80.0	38.1	26.2	34.3	0.0	0.0	67.6	51.1	22.1	22.6	Dec
TOTAL	2604.9	2805.9	2806.2	2817.4	2766.6	2070.1	3025.1	2349.0	2382.3	1927.4	TOTAL
ACCUM											ACCUM
NOS.											NOS.
THRU MEAN											THRU MEAN

Year Month	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	Year Month
Jan	1.0	27.4	31.5	24.9	0.0	23.4	42.2	4.1	86.4	57.4	Jan
Feb	25.7	20.6	78.7	15.0	82.6	4.9	105.2	33.6	0.0	36.8	Feb
Mar	108.2	37.6	98.8	162.1	172.7	197.9	140.0	147.1	77.5	22.9	Mar
Apr	99.3	201.9	252.7	172.2	291.2	188.0	171.5	39.4	134.4	151.3	Apr
May	207.0	212.9	305.1	296.9	459.2	376.2	94.0	208.8	274.8	279.1	May
June	163.8	229.5	300.2	428.8	426.2	270.8	228.9	264.9	392.2	339.3	June
July	335.5	532.6	307.3	225.3	328.2	342.6	378.2	244.1	328.4	176.4	July
Aug	182.9	200.4	449.0	386.3	312.7	557.3	192.5	408.9	100.6	30.6	Aug
Sept	570.5	686.3	360.2	532.5	502.4	502.2	282.7	344.9	376.5	466.6	Sept
Oct	318.3	312.2	386.1	317.8	176.0	313.4	258.1	253.7	180.5	202.9	Oct
Nov	38.6	126.0	158.2	66.0	45.2	71.9	206.8	39.1	3.8	180.8	Nov
Dec	0.0	7.6	15.0	0.0	3.8	24.4	13.2	18.5	9.1	62.8	Dec
TOTAL	2050.0	2590.5	2743.5	2627.6	2822.1	2873.8	2153.2	2049.3	1916.5	2058.4	TOTAL
ACCUM											ACCUM
NOS.											NOS.
THRU MEAN											THRU MEAN

Unit: _____

MONTHLY RAINFALL RECORD

EL: _____ STATION: Owenni

Year Month	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	Year Month
Jan	0.0	22.6	0.0	19.8	19.7	35.6	9.9	13.7	85.1	16.3	Jan
Feb	29.2	40.6	13.0	5.8	59.1	44.7	72.4	140.0	10.2	44.5	Feb
Mar	58.4	143.8	105.0	153.4	107.4	142.2	210.1	292.6	138.2	260.6	Mar
Apr	90.2	307.8	305	134.1	69.9	141.7	55.3	126.9	195.1	240.0	Apr
May	270.8	391.9	221.2	147.3	239.3	274.6	429.5	296.7	303.0	126.7	May
June	238.5	361.7	352.3	229.9	209.9	258.3	391.1	402.6	388.4	262.9	June
July	508.0	361.7	310.6	258.1	336.8	632.3	381.3	340.6	422.4	276.4	July
Aug	283.2	339.1	316.7	228.1	434.6	328.4	190.8	378.7	289.3	61.0	Aug
Sept	385.1	300.7	493.5	508.3	582.7	299.2	328.4	328.9	793.7	320.5	Sept
Oct	299.4	95.0	1276.1	237.5	413.8	268.7	273.6	283.2	340.6	165.1	Oct
Nov	58.7	46.5	35.3	81.5	72.9	79.5	47.0	83.6	26.2	43.9	Nov
Dec	100.6	0.0	0.0	1.8	0.0	0.0	0.3	13.7	0.0	37.1	Dec
TOTAL	2292.0	2361.4	2154.9	2005.6	2636.0	2511.3	2439.9	2721.1	2942.1	1955.5	TOTAL
ACCUM											ACCUM
NOS.											NOS.
THRU MEAN											THRU MEAN

Year Month	1957	1958	1959	1960	1961	1962	1974	1975	1976	Year Month
Jan	1.8	14.0	66.3	21.8	0.0	38.6	0.0	0.0	0.0	Jan
Feb	18.1	37.6	73.0	77.0	0.0	9.9	46.2	51.1	158.6	Feb
Mar	78.7	46.2	49.8	164.3	0.0	147.3	86.7	95.6	209.0	Mar
Apr	393.7	159.3	227.1	188.2	0.0	249.9	240.4	138.6	210.8	Apr
May	335.5	256.5	170.4	254.3	251.7	291.6	309.9	239.2	133.9	May
June	188.2	138.9	322.1	424.2	271.3	312.2	380.4	156.1	409.5	June
July	439.7	178.3	391.9	430.3	482.6	410.2	580.9	358.6	220.3	July
Aug	544.8	276.4	238.8	292.6	413.9	337.1	377.0	250.4	265.0	Aug
Sept	609.3	388.9	592.1	311.2	218.4	414.0	300.5	498.1	237.4	Sept
Oct	357.1	350.0	229.0	271.0	283.2	290.3	244.7	207.3	400.7	Oct
Nov	172.5	41.1	155.7	5.8	0.0	299.2	26.4	116.1	53.7	Nov
Dec	14.5	24.6	0.0	40.4	0.0	39.4	0.0	30.2	102.6	Dec
TOTAL	3198.9	1911.9	2408.2	2481.1	1621.2	2739.6	2493.1	2141.3	2401.5	TOTAL
ACCUM										ACCUM
NOS.										NOS.
THRU MEAN										THRU MEAN

Unit: _____

MONTHLY RAINFALL RECORD

EL: _____ STATION: 120 UHADIKE

EL = 7.33 NB = 5.29

Year Month	1934	35	36	37	38	39	40	41	42	43	Year Month
Jan	5.1	30.7	0.0	0.0	19.8	3.3	98.8	13.2	111.5	43.2	Jan
Feb	16.0	33.3	64.3	118.6	63.0	189.7	21.8	73.7	36.8	17.5	Feb
Mar	139.2	140.5	203.5	54.4	19.3	215.1	59.4	112.0	72.4	112.8	Mar
Apr	230.1	145.5	218.9	179.8	169.2	176.5	182.6	266.3	216.9	136.4	Apr
May	188.0	196.3	295.9	209.3	227.3	258.6	221.7	294.4	444.0	244.1	May
June	376.2	332.5	197.4	278.6	213.1	424.2	293.9	177.5	265.7	365.5	June
July	325.1	352.8	334.3	224.9	256.3	220.2	260.1	328.7	411.0	242.8	July
Aug	297.4	421.9	153.2	189.2	150.6	432.8	221.0	188.7	128.8	153.4	Aug
Sept	306.3	351.0	375.9	278.9	435.1	286.5	258.4	231.6	274.1	276.6	Sept
Oct	145.8	206.2	161.0	506.5	495.6	428.5	204.5	140.5	232.7	334.0	Oct
Nov	86.4	59.4	122.2	24.1	180.3	93.0	64.8	56.4	39.1	136.4	Nov
Dec	10.4	42.9	39.4	19.8	32.0	6.6	0.0	9.9	0.0	5.1	Dec
TOTAL	2126.0	2313.2	2166.1	2184.1	2261.6	2735.1	1982.0	1992.9	2232.9	2067.8	TOTAL
ACCUM											ACCUM
NOS.											NOS.
THRU MEAN											THRU MEAN

Year Month	44	45	46	47	48	49	50	51	52	53	Year Month
Jan	6.4	25.9	19.1	0.0	13.0	20.6	23.1	19.3	40.6	10.2	Jan
Feb	110.5	0.0	1.3	110.2	57.2	5.6	6.9	110.5	14.2	78.7	Feb
Mar	208.5	26.7	63.5	35.1	56.6	173.7	63.5	32.8	51.3	236.2	Mar
Apr	119.6	198.6	152.4	75.9	245.4	183.6	91.4	143.0	142.7	236.0	Apr
May	222.3	311.9	241.6	241.8	172.0	297.4	224.2	262.4	259.6	460.5	May
June	241.0	179.3	303.5	316.7	297.9	321.3	140.2	372.6	245.1	274.8	June
July	265.9	355.3	297.2	390.4	404.6	462.0	312.4	269.5	264.9	283.2	July
Aug	309.4	207.3	53.3	390.4	295.9	273.1	164.8	472.9	279.4	233.2	Aug
Sept	457.2	163.1	295.1	347.7	392.2	423.9	311.9	299.0	355.9	280.9	Sept
Oct	221.7	233.7	245.1	319.3	212.6	305.8	211.8	349.0	140.0	95.0	Oct
Nov	87.9	66.8	157.7	82.6	61.7	29.5	49.8	133.1	31.0	72.0	Nov
Dec	57.9	43.7	6.4	31.5	0.0	0.0	0.0	0.0	0.0	0.0	Dec
TOTAL	2308.4	1812.3	1835.9	2341.6	2309.1	2496.3	1601.5	2484.1	1824.7	2262.6	TOTAL
ACCUM											ACCUM
NOS.											NOS.
THRU MEAN											THRU MEAN

Unit: _____

MONTHLY RAINFALL RECORD

EL: _____ STATION: 120 UMUDIKE

Year Month	54	55	56	57	58	59	60	61	62	63	Year Month
Jan	11.4	6.4	7.6	2.5	0.0	59.2	31.5	44.5	1.3	23.9	Jan
Feb	130.6	31.8	97.5	25.4	46.0	0.5	5.6	0.0	18.3	76.7	Feb
Mar	179.6	137.7	191.0	159.5	97.3	59.7	45.2	60.2	212.6	178.6	Mar
Apr	287.3	225.3	161.0	209.3	245.9	198.1	175.0	392.4	294.4	252.6	Apr
May	143.0	405.6	207.5	429.5	213.4	157.7	413.3	220.5	237.2	277.4	May
June	300.2	339.6	252.0	289.1	175.8	226.6	247.4	312.2	256.5	165.4	June
July	240.0	498.1	341.1	362.7	47.8	365.0	278.4	389.9	324.6	215.9	July
Aug	186.2	254.3	207.3	336.6	187.5	151.9	262.2	55.1	221.2	530.9	Aug
Sept	306.6	388.1	343.9	188.2	229.1	241.0	271.8	303.8	363.0	189.0	Sept
Oct	172.7	316.5	144.3	211.6	194.8	253.5	400.8	260.1	358.9	265.2	Oct
Nov	132.1	0.8	12.4	137.7	26.4	59.9	23.4	8.6	272.0	7.9	Nov
Dec	0.3	0.0	37.3	69.6	13.7	14.2	22.1	0.0	27.7	11.2	Dec
TOTAL	2090.2	2604.0	2003.0	2421.6	1537.5	1786.9	2275.8	2047.2	2522.0	2192.9	TOTAL
ACCUM											ACCUM
NOS.											NOS.
THRU MEAN											THRU MEAN

Year Month	from 1934 to 1963 mean	1971	1972	1973	1974	1975	1976	Year Month	
Jan	22.9		1.0	25.4	1.8	0.0	0.4	Jan	
Feb	52.1		48.0	70.3	10.7	54.4	132.0	Feb	
Mar	113.8		138.2	72.6	155.7	64.0	243.5	Mar	
Apr	205.2		100.3	285.0	325.7	203.7	330.5	187.5	Apr
May	265.9		216.9	224.0	315.7	223.8	310.9	143.9	May
June	272.8		277.1	101.3	516.4	349.0	339.5	279.9	June
July	314.2		502.2	295.9	254.3	202.7	177.1	210.4	July
Aug	250.4		503.7	461.3	459.0	224.3	164.0	203.9	Aug
Sept	310.9		382.0	294.4	262.0	411.5	393.9	259.3	Sept
Oct	252.8		218.4	151.4	208.5	237.7	285.8	392.6	Oct
Nov	79.2		48.3	6.4	9.1	19.3	105.2	112.7	Nov
Dec	16.8		10.4	14.0	12.7	1.0	6.2	12.3	Dec
TOTAL	2183.1		2020.9	2731.7	2038.2	2131.5	2178.4	TOTAL	
ACCUM								ACCUM	
NOS.								NOS.	
THRU MEAN								THRU MEAN	

Unit : _____

MONTHLY RAINFALL RECORD

EL: _____ STATION: OGUTA

Year Month	1951	52	53	54	55	56	57	58	59	60	Year Month
Jan		10.9	7.6	1.8	0.0	17.3	4.6	79.8	18.3	53.3	Jan
Feb	82.6	96.5	50.0	61.0	36.1	57.4	21.6	39.1	37.3	4.3	Feb
Mar	136.7	64.5	164.6	132.6	117.6	125.0	109.0	45.2	19.3	15.2	Mar
Apr	97.3	260.1	90.2	262.4	746.6	138.2	113.8	257.3	249.9	176.0	Apr
May	158.8	293.3	299.0	222.2	263.7	147.3	319.3	465.6	129.3	231.6	May
June	299.5	319.0	288.2	368.6	302.5	323.5	102.9	183.6	193.0	346.5	June
July	352.8	503.9	413.0	247.1	516.1	316.2	345.9	142.7	499.1	345.2	July
Aug	432.6	283.5	207.5	203.2	315.5	62.2	448.3	253.7	227.5	248.7	Aug
Sept	311.2	503.2	332.0	399.3	342.1	267.0	610.7	204.5	566.9	475.2	Sept
Oct	310.1	312.9	261.6	300.5	320.8	247.1	276.1	433.8	175.0	256.0	Oct
Nov	79.2	15.7	42.2	98.0	19.8	34.3	186.9	269.4	116.1	19.3	Nov
Dec	0.0	0.0	0.0	9.7	0.0	111.3	52.1	60.5	0.0	27.9	Dec
TOTAL	226.1	2643.1	2156.5	2408.4	2480.8	1866.9	2591.3	2462.3	2226.1	2204.5	TOTAL
ACCUM											ACCUM
NOS.											NOS.
THRU MEAN											THRU MEAN

Year Month	1961	62	63	64	65	66	67				Year Month
Jan	50.8	0.0	23.9	3.6		12.7	0.0				Jan
Feb	2.5	43.7	26.9	11.7		20.3	0.0				Feb
Mar	53.3	177.3	62.7	171.5			47.8				Mar
Apr	142.7	127.3	137.7	205.7			149.1				Apr
May	291.8	303.5	358.4	282.2							May
June	319.0	372.1		471.9	230.9						June
July	535.9	556.8		414.3	468.6						July
Aug	53.8	355.3		64.0	548.9						Aug
Sept	506.7	504.2		301.6	295.1						Sept
Oct	268.0	341.9		362.2	221.2						Oct
Nov	26.7	273.3		132.1							Nov
Dec	16.5	58.4									Dec
TOTAL	2268.0	3113.8		2427.7							TOTAL
ACCUM											ACCUM
NOS.											NOS.
THRU MEAN											THRU MEAN

Unit: _____

MONTHLY RAINFALL RECORD

EL: _____ STATION: D 88 OKIGWA

KOORDINATEN EL 7.21 NB. 5.50

Year Month	36	37	38	39	40	41	42	43	44	45	Year Month
Jan	27.2				119.1	17.5	23.9	20.3	0.0	0.0	Jan
Feb	30.2			204.2	9.9	29.5	85.1	18.8	142.5	0.0	Feb
Mar	90.9			97.0	67.6	47.5	137.4	48.3	58.4	15.2	Mar
Apr	123.4			204.7	79.5	183.6	173.5	166.9	51.8	167.1	Apr
May	115.3			235.0	250.7	287.8	338.6	174.5	324.6	191.3	May
June	181.6			342.4	370.1	290.6	259.6	217.9	381.3	281.2	June
July	172.1			255.0	276.9	330.7	307.1	215.6	252.7	128.8	July
Aug	36.6			436.1	424.9		186.7	225.3	236.5	273.6	Aug
Sept	175.2			453.1	517.7	452.6	416.6	274.1	297.7	155.7	Sept
Oct	232.9			296.7	272.8	99.3	177.5	382.8	157.7	9.4	Oct
Nov	32.6			97.0	90.9		94.5	77.2	43.9	7.6	Nov
Dec	66.5				0.0		11.7	35.3	35.6	0.0	Dec
TOTAL	1490.7			2721.6	2480.1	(1739.1)	2212.1	1857.2	1783.0	1229.9	TOTAL
ACCUM											ACCUM
NOS.											NOS.
THRU MEAN											THRU MEAN

Year Month	46	47	48	49	50	51	52	53	54	55	Year Month
Jan	9.4	0.0	15.5	0.0	96.5	15.0	48.3	28.3	1.8	44.5	Jan
Feb	78.0	77.7	25.4	37.8	18.3	66.0	18.3	48.5	68.8	86.9	Feb
Mar	89.9	17.5	75.4	112.8	121.7	74.7	30.7	246.1	225.0	137.9	Mar
Apr	151.6	87.9	265.7	128.8	144.2	50.8	117.1	73.2	22.3	91.9	Apr
May	318.0	254.0	270.0	155.4	318.3	170.9	211.1	289.1	159.0	219.5	May
June	140.5	534.1	256.5	246.6	184.9	293.6	355.1	167.6	174.8	221.0	June
July	253.0	419.1	275.6	314.7	345.4	427.2	208.3	257.3	176.3	365.5	July
Aug	57.7	304.8	238.8	177.5	134.1	297.8	280.4	115.8	232.7	205.5	Aug
Sept	192.0	180.3	294.4	459.0	253.7	299.2	345.2	266.2	256.8	232.4	Sept
Oct	291.1	328.7	220.5	275.6	177.5	342.1	279.9	204.0	233.7	317.8	Oct
Nov	700.1	46.7	13.7	13.0	119.1	84.3	11.4	20.6	41.9	3.3	Nov
Dec	13.5	22.9	0.0	0.0			16.3	0.0	11.4	20.3	Dec
TOTAL	1694.7	2273.8	1951.5	1921.3	1914.4	2223.0	1842.0	1716.5	1872.5	1946.4	TOTAL
ACCUM											ACCUM
NOS.											NOS.
THRU MEAN											THRU MEAN

Unit: _____

MONTHLY RAINFALL RECORD

EL: _____ STATION: 088 OKGW

Year Month	1956	57	58	59	60	61	62	63	64	65	Year Month
Jan	10.4	0.0	11.7	23.4	2.9	33.3	51.3	27.7	20.1		Jan
Feb	25.7	11.7	70.1	8.6	0.0	0.0	55.9	54.6	27.9		Feb
Mar	112.3	98.3	33.5	44.7	36.8	20.6	62.0	60.5	43.9		Mar
Apr	147.3	187.5	161.8	109.7	143.8	210.8	138.4	46.7	262.6		Apr
May	160.8	260.4	298.5	131.3	300.2	224.0	233.2	183.9	149.6		May
June	194.6	224.0	147.8	293.6	231.9	231.4	282.5	247.7	199.4		June
July	258.1	381.5	111.3	235.7	182.4	291.3	206.5	201.9	197.1		July
Aug	29.2	326.9	177.3	156.7	279.1	18.8	290.3	367.3	132.3		Aug
Sept	1104.6	1148.8	272.8	236.0	246.4	419.6	281.9	313.4	280.4	244.1	Sept
Oct	218.4	192.3	241.0	193.0	211.3	167.6	163.3	2.0	297.2	176.3	Oct
Nov	95.3	93.5	36.8	59.7	5.6	0.0	106.4	11.4	25.4	0.0	Nov
Dec	49.3	21.1	19.1	0.0	5.1	0.0	12.4	0.0	0.0	21.6	Dec
TOTAL	1705.9	2246.9	1581.9	1592.6	1651.5	1617.5	1890.3	1517.1	1636.0		TOTAL
ACCUM											ACCUM
NOS.											NOS.
THRU MEAN											THRU MEAN

Year Month	66	from 1936-1966 mean								Year Month
Jan	24.11	25.1								Jan
Feb	53.3	48.3								Feb
Mar	113.3	82.8								Mar
Apr	163.3	147.3								Apr
May	203.2	229.6								May
June	173.2	254.8								June
July	200.7	265.9								July
Aug	265.2	219.7								Aug
Sept	247.9	310.9								Sept
Oct	239.8	228.6								Oct
Nov	28.7	50.5								Nov
Dec	0.0	14.5								Dec
TOTAL	1712.0	1872.3								TOTAL
ACCUM										ACCUM
NOS.										NOS.
THRU MEAN										THRU MEAN

Unit: _____

MONTHLY RAINFALL RECORD

EL: _____ STATION: Auchi Govt

Year Month	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	Year Month
Jan	0	15.2	0	12.2	0	9.7	12.7	1.3	45.7	0	Jan
Feb	53.3	0	0	31.0	12.2	29.2	6.6	8.6	0.5	38.1	Feb
Mar	54.9	20.3	77.2	72.6	46.7	94.2	37.4	85.2	56.4	91.7	Mar
Apr	245.4	251.5	178.1	292.1	137.7	72.5	72.2	145.1	74.4	184.2	Apr
May	125.5	81.8	141.2	75.7	243.1	162.3	317.0	14.2	227.1	131.1	May
June	260.4	163.3	154.2	177.5	202.4	126.0	266.7	351.5	278.6	149.9	June
July	153.7	209.6	100.8	206.5	147.8	247.4	128.7	126.3	190.8	170.7	July
Aug	185.9	4.8	59.7	200.4	46.5	312.7	210.6	75.2	210.3	153.4	Aug
Sept	184.2	420.1	132.2	224.0	202.2	157.0	119.4	14.0	300.2	86.6	Sept
Oct	174.5	120.4	156.5	220.2	94.2	73.7	129.3	6	96.3	190.5	Oct
Nov	46.5	1.3	35.1	0	4.3	0	0.0	0	35.8	67.8	Nov
Dec	17.8	0	0	23.6	31.2	0	0.0	0	6.1	0	Dec
TOTAL	1502.1	1288.3	1038.2	1535.8	1170.9	1290.7	1368.6	912.0	1522.2	1264.2	TOTAL
ACCUM											ACCUM
NOS.											NOS.
THRU MEAN											THRU MEAN

Year Month	1970	1971	1972	1973	1974	1975	1976	1977	Year Month
Jan		1.0	3.6		0	0	0	3.6	Jan
Feb		0	0		0	17.5	117.2		Feb
Mar	116.6	67.8	28.4		0	42.3	57.3		Mar
Apr	95.3	73.4	100.1	39.3	77.2	221.2	113.0		Apr
May	139.7	239.8	172.8	84.1	159.0	221.2	113.0		May
June	115.3	181.1	146.1	101.2	133.9	135.1	83.0		June
July	67.6	265.2		91.6	334.2	251.7	111.0		July
Aug	51.1	97.5		216.1	127.3	39.7	142.0		Aug
Sept	195.5	352.9		148.5	123.1	204.3	26.3		Sept
Oct	54.1	112.4		104.0	208.3	106.0	192.2		Oct
Nov	13.7	36.2			1.3	8.5	31.0		Nov
Dec	0				0	20.5	6.3		Dec
TOTAL	848.9	1437.9			810.9	1274.2	1058.5		TOTAL
ACCUM									ACCUM
NOS.									NOS.
THRU MEAN									THRU MEAN

Unit: _____

MONTHLY RAINFALL RECORD

EL: _____ STATION: WARPAKE FARM

Year Month	1975	1976								Year Month
Jan										Jan
Feb		59								Feb
Mar	72	134								Mar
Apr	157	183								Apr
May	241	246								May
June	169	119								June
July	310	102								July
Aug	63	195								Aug
Sept	200	134								Sept
Oct	53	314								Oct
Nov	2	16								Nov
Dec	21	9								Dec
TOTAL	1281	1510								TOTAL
ACCUM										ACCUM
NOS.										NOS.
THRU MEAN										THRU MEAN

Year Month										Year Month
Jan										Jan
Feb										Feb
Mar										Mar
Apr										Apr
May										May
June										June
July										July
Aug										Aug
Sept										Sept
Oct										Oct
Nov										Nov
Dec										Dec
TOTAL										TOTAL
ACCUM										ACCUM
NOS.										NOS.
THRU MEAN										THRU MEAN

Unit: _____

MONTHLY RAINFALL RECORD

EL: _____ STATION: TREJA GOVT. FARM

Year Month	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	Year Month
Jan	0	0	67	4	0	20	0	10	2	12	Jan
Feb	7	66	99	2	2	23	0	15	5	0	Feb
Mar	42	164	183	130	201	88	19	143	77	35	Mar
Apr	312	166	162	152	76	162	63	100	261	135	Apr
May	206	118	177	248	181	212	170	166	219	104	May
June	253	271	173	264	150	198	301	273	478	186	June
July	134	335	239	49	103	268	20	375	277	265	July
Aug	167	115	203	266	18	418	55	121	233	49	Aug
Sept	381	425	405	305	159	278	222	373	476	546	Sept
Oct	290	232	267	322	245	255	189	66	210	141	Oct
Nov	35	29	37	33	35	15	30	142	84	6	Nov
Dec	7	0	8	0	37	0	28	8	92	3	Dec
TOTAL	1834	1921	2020	1775	1207	1937	1097	1792	2414	1482	TOTAL
ACCUM											ACCUM
NOS.											NOS.
THRU MEAN											THRU MEAN

Year Month	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	Year Month
Jan	0	3	0	2	43	28	0	48	0	23	Jan
Feb	2	41	23	14	3	29	11	8	0	25	Feb
Mar	207	119	70	96	58	102	70	112	123	53	Mar
Apr	135	212	183	176	150	184	174	138	56	123	Apr
May	334	163	223	252	188	109	238	96	199	154	May
June	184	209	187	286	235	247	234	111	221	163	June
July	176	274	172	300	242	223	283	270	205	264	July
Aug	72	341	33	299	359	2	268	380	196	143	Aug
Sept	217	358	261	218	149	276	271	295	312	442	Sept
Oct	263	231	263	144	149	383	105	230	97	104	Oct
Nov	115	5	55	0	1	0	30	0	8	0	Nov
Dec	8	5	20	17	0	5	0	0	0	10	Dec
TOTAL	1713	1961	1490	1804	1577	1588	1684	1688	1417	1504	TOTAL
ACCUM											ACCUM
NOS.											NOS.
THRU MEAN											THRU MEAN

Unit: _____

MONTHLY RAINFALL RECORD

EL: _____ STATION: IRRUA Gov. Farm

Year Month	1972	1973	1974	1975	1976						Year Month
Jan	2	0	6	0	0						Jan
Feb	51	5	23	28	95						Feb
Mar	55	94	51	11	71						Mar
Apr	185	94	181	146	222						Apr
May	325	151	271	205	306						May
June	202	168	304	204	234						June
July	66	204	304	369	100						July
Aug	240	319	213	165	149						Aug
Sept	136	434	230	277	108						Sept
Oct	128	157	245	114	384						Oct
Nov	0	0	0	64	29						Nov
Dec	0	0	0	25							Dec
TOTAL	1213	1880	1853	1809							TOTAL
ACCUM											ACCUM
NOS.											NOS.
THRU MEAN											THRU MEAN

Year Month											Year Month
Jan											Jan
Feb											Feb
Mar											Mar
Apr											Apr
May											May
June											June
July											July
Aug											Aug
Sept											Sept
Oct											Oct
Nov											Nov
Dec											Dec
TOTAL											TOTAL
ACCUM											ACCUM
NOS.											NOS.
THRU MEAN											THRU MEAN

Unit: _____

MONTHLY RAINFALL RECORD

EL: _____ STATION: ILELE Gov. Farm

Year Month	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	Year Month
Jan		22	0	9	0	0	0	4	15	2	Jan
Feb		18	20	0	0	22	24	9	9	1	Feb
Mar		27	68	73	89	28	56	145	47	80	Mar
Apr		55	253	291	150	237	139	88	59	189	Apr
May		205	146	111	119	106	243	148	247	90	May
June	183	86	198	210	162	240	111	117	221	233	June
July	3	180	140	366	148	234	195	342	233	118	July
Aug	123	93	217	64	100	149	28	351	280	63	Aug
Sept	250	276	277	315	105	298	162	171	87	456	Sept
Oct	167	45	157	76	179	274	8	80	205	125	Oct
Nov	8	24	81	5	48	0	118	0	3	0	Nov
Dec	18	33	21	24	0	40	24	0	0	38	Dec
TOTAL		1,191	1,577	1,544	1,099	1,627	1,107	1,454	1,406	1,355	TOTAL
ACCUM											ACCUM
NOS.											NOS.
THRU MEAN											THRU MEAN

Year Month	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	Year Month
Jan	0	3	55	0	0	0	2	0	0		Jan
Feb	14	22	28	0	25	4	0	45	38		Feb
Mar	126	59	83	75	62	16	86	52	49		Mar
Apr	62	130	136	54	108	55	149	59	103		Apr
May	138	148	258	191	144	211	176	234	261		May
June	418	180	123	171	163	101	284	196	100		June
July	286	142	69	246	81	90	295	221	205		July
Aug	249	337	105	103	150	152	107	83	163		Aug
Sept	424	353	219	320	143	235	232	246	156		Sept
Oct	111	133	92	108	91	103	187	121	257		Oct
Nov	8	102	9	0	0	0	0	8	25		Nov
Dec	33	0	0	0	36	21	0	59	0		Dec
TOTAL	1,868	1,608	1,178	1,269	1,120	922	1,491	1,325			TOTAL
ACCUM											ACCUM
NOS.											NOS.
THRU MEAN											THRU MEAN

Unit: _____

MONTHLY MEAN METEOROLOGICAL RECORD

Station: ALAVAN IKOKU COLLEGE OF EDUCATION									
Year	Month	Atm. temperature		Earth temperature		Monthly rainfall (mm)	Sunshine hours (hr.)	Relative humidity (%)	Piche Evaporation (mm)
		Max. (°C)	Min. (°C)	1ft.deep (°C)	4ft.deep (°C)				
1973	Jan.	31.5	24.9					81.0	
	Feb.	33.6	25.0					81.0	
	Mar.	34.0	24.5				4.5	73.0	
	Apr.	32.0	23.5					80.0	
	May	31.5	24.0					81.5	
	Jun.	30.5	24.0					82.0	
	Jul.	29.0	23.5					87.0	
	Aug.	29.0	23.5					88.0	
	Sep.	30.0	24.0					80.7	
	Oct.	30.0	25.0					85.0	
	Nov.	32.0	25.0					79.0	
	Dec.	31.0	25.0					78.9	
Total		31.2	24.3					81.4	
Year	Month	Atm. temperature		Earth temperature		Monthly rainfall (mm)	Sunshine hours (hr.)	Relative humidity (%)	Piche Evaporation (mm)
		Max. (°C)	Min. (°C)	1ft.deep (°C)	4ft.deep (°C)				
1974	Jan.	31.7	21.9				2.4	62.6	
	Feb.	33.4	23.5				4.7	72.7	
	Mar.	33.6	24.1				5.7	76.2	
	Apr.	31.9	24.1				6.3	77.6	
	May	31.2	22.9				7.1	78.6	
	Jun.	29.5	23.2				5.5	86.5	
	Jul.	27.8	23.0				3.2	85.7	
	Aug.	28.5	23.4				3.5	85.0	
	Sep.	28.3	23.6				2.8	84.3	
	Oct.	29.2	23.0				3.8	83.8	
	Nov.	31.3	23.6				6.0	81.6	
	Dec.	31.2	20.2				6.2	64.3	
Total		30.6	23.0				4.9	79.3	

MONTHLY MEAN METEOROLOGICAL RECORD

Station:									
ALAVAN IKOKU COLLEGE OF EDUCATION									
Year	Month	Atm. temperature		Earth temperature		Monthly rainfall (mm)	Sunshine hours (hr.)	Relative humidity (%)	Piche Evaporation (mm)
		Max. (°C)	Min. (°C)	1ft.deep (°C)	4ft.deep (°C)				
1975	Jan.	32.1	20.2				5.3	57.0	
	Feb.	33.5	24.5				5.3	75.6	
	Mar.	32.2	24.3				5.6	80.6	
	Apr.	31.5	24.1				5.8	79.3	
	May	31.6	26.0				5.2	78.7	
	Jun.	31.3	23.4				4.9	82.0	
	Jul.	26.8	22.6				3.4	86.8	
	Aug.								
	Sep.	28.4	22.5				2.3	88.0	
	Oct.	29.8	23.1				3.9	84.0	
	Nov.	30.9	23.2				5.0	85.0	
	Dec.	31.1	20.8				6.5	71.0	
Total		30.2	23.2				4.8	78.9	
Year	Month	Atm. temperature		Earth temperature		Monthly rainfall (mm)	Sunshine hours (hr.)	Relative humidity (%)	Piche Evaporation (mm)
		Max. (°C)	Min. (°C)	1ft.deep (°C)	4ft.deep (°C)				
1976	Jan.	31.9	22.6				4.3	72.0	
	Feb.	32.1	23.3				5.0	74.0	
	Mar.	31.6	23.9				4.6	84.0	
	Apr.	29.1	24.2				4.9	81.0	
	May	31.3	23.7				5.06	82.0	
	Jun.	29.5	23.4					85.0	
	Jul.	29.8	22.8					77.0	
	Aug.	28.1	23.9					85.0	
	Sep.	29.8	24.5					86.0	
	Oct.	30.1	23.2					82.0	
	Nov.	31.2	23.4					82.0	
	Dec.	30.8	23.0					76.0	
Total		30.4	23.5					82.2	

MONTHLY MEAN METEOROLOGICAL RECORD

Station: UMUDIKE									
Year	Month	Atm. temperature		Earth temperature		Monthly rainfall (mm)	Sunshine hours (hr.)	Relative humidity (%)	Piche Evaporation (mm)
		Max. (°C)	Min. (°C)	1ft. deep (°C)	4ft. deep (°C)				
1972	Jan.	32.2	20.0	28.7	28.4		6.3	82.0	3.3
	Feb.	33.9	22.2	30.9	30.2		6.3	76.0	3.7
	Mar.	32.2	20.0	28.9	29.7		4.9	81.0	2.6
	Apr.	32.2	21.7	28.9	29.4		6.2	81.0	2.5
	May	29.4	22.2	29.1	29.4		5.3	83.0	2.4
	Jun.	30.0	21.7	28.3	28.9		4.4	83.0	2.3
	Jul.	28.9	22.2	27.3	28.3		2.6	87.0	1.9
	Aug.	28.3	21.7	26.4	27.6		1.8	89.0	2.6
	Sep.	29.4	21.7	27.0	27.6		3.1	85.0	2.2
	Oct.	30.0	22.2	28.0	28.4		3.6	84.0	2.2
	Nov.	31.7	21.7	29.3	29.3		6.4	80.0	3.0
	Dec.	32.2	20.6	29.1	29.5		5.0	71.0	3.7
Total		30.9	21.5	28.5	28.9		4.7	81.8	2.7
1973	Jan.	31.6	22.2	28.6	29.0		4.0	81.0	3.1
	Feb.	33.9	23.3	30.5	30.0		6.4	79.0	3.2
	Mar.	33.3	22.8	30.6	30.8		4.7	70.0	3.6
	Apr.	32.2	22.8	29.5	30.0		5.9	82.0	2.5
	May	31.7	22.8	28.9	29.9		5.6	81.0	2.3
	Jun.	30.6	22.2	28.2	29.6		4.9	83.0	2.1
	Jul.	29.4	22.2	27.9	29.2		4.3	84.0	2.2
	Aug.	29.4	22.2	27.3	-		3.1	75.0	2.1
	Sep.	29.4	22.2	27.6	28.3		3.0	74.0	2.1
	Oct.	30.6	21.7	28.6	29.2		4.5	83.0	2.2
	Nov.	34.4	21.1	28.9	29.6		5.7	73.0	3.1
	Dec.	32.8	21.7	28.3	29.3		5.0	82.0	2.6
Total		31.6	22.3	28.7	29.5		4.8	80.9	2.6

MONTHLY MEAN METEOROLOGICAL RECORD

Station: UMUDIKE									
Year	Month	Atm. temperature		Earth temperature		Monthly rainfall (mm)	Sunshine hours (hr.)	Relative humidity (%)	Piche Evaporation (mm)
		Max. (°C)	Min. (°C)	1ft. deep (°C)	4ft. deep (°C)				
1974	Jan.	31.7	19.4	28.2	29.2		4.3	69.0	3.8
	Feb.	33.9	21.7	30.7	30.3		4.9	76.0	3.8
	Mar.	33.3	22.8	30.1	30.4		6.0	76.0	3.2
	Apr.	32.2	22.2	29.3	30.2		6.2	80.0	2.5
	May	31.1	21.7	28.6	29.8		5.5	81.0	2.4
	Jun.	30.0	20.0	27.9	29.3		4.1	85.0	2.1
	Jul.	28.9	21.7	27.3	28.6		3.2	85.0	2.1
	Aug.	28.9	22.2	27.5	28.3		2.9	85.0	2.1
	Sep.	28.8	21.7	26.9	27.8		2.6	84.0	1.9
	Oct.	30.0	21.7	28.2	28.5		4.0	71.0	2.2
	Nov.	31.1	21.7	29.0	29.2		6.0	81.0	2.6
	Dec.	31.7	18.3	28.4	28.9		6.2	63.0	4.5
Total		30.9	21.2	28.5	29.2		4.7	78.0	2.8
Year	Month	Atm. temperature		Earth temperature		Monthly rainfall (mm)	Sunshine hours (hr.)	Relative humidity (%)	Piche Evaporation (mm)
		Max. (°C)	Min. (°C)	1ft. deep (°C)	4ft. deep (°C)				
1975	Jan.	32.2	17.7	28.4	28.9		4.4	54.0	5.2
	Feb.	33.9	22.2	31.3			5.1	72.0	3.7
	Mar.	32.8	22.8	30.5	30.5		4.7	76.0	5.2
	Apr.	32.2	22.2	29.7	29.1		6.1	81.0	2.7
	May	31.1	22.2	29.4	29.9		5.8	81.0	2.5
	Jun.	30.0	21.7	28.4			5.3	84.0	2.4
	Jul.	28.3	21.7	27.6	28.3		2.7	85.0	2.1
	Aug.	28.3	21.7	27.1	27.9		2.8	84.0	2.4
	Sep.	28.3	21.7	26.7			2.0	83.0	2.1
	Oct.	29.4	21.7	28.1	28.3		4.2	84.0	2.2
	Nov.	30.0	21.7	28.5			4.4	85.0	2.3
	Dec.	31.1	18.3	27.7	28.4		7.7	67.0	3.7
Total		30.6	21.3	28.6			4.6	78.0	3.0

MONTHLY MEAN METEOROLOGICAL RECORD

Station:									
1976 WARRAKE FARM									
Year	Month	Atm. temperature		Earth temperature		Monthly rainfall (mm)	Sunshine hours (hr.)	Relative humidity (%)	Piche Evaporation (mm)
		Max. (°C)	Min. (°C)	1ft.deep (°C)	4ft.deep (°C)				
1976	Jan.		19.87					73	4.2
	Feb.	33.90	23.10					78	3.7
	Mar.	33.82	23.74					79.45	3.4
	Apr.	32.67	23.23					82.73	3.0
	May	31.65	22.16					86.8	2.4
	Jun.	22.97	22.90					84.5	2.2
	Jul.	28.55	21.24					87.83	2.2
	Aug.	28.35	21.48					85.55	2.2
	Sep.	28.87	21.77					83.4	2.2
	Oct.	30.29	22.26					85.9	2.1
	Nov.	31.50	22.07					79.4	2.8
	Dec.	32.55	21.25					75.9	3.3
Total		27.93	22.14					81.9	2.8
Year	Month	Atm. temperature		Earth temperature		Monthly rainfall (mm)	Sunshine hours (hr.)	Relative humidity (%)	Piche Evaporation (mm)
		Max. (°C)	Min. (°C)	1ft.deep (°C)	4ft.deep (°C)				
	Jan.								
	Feb.								
	Mar.								
	Apr.								
	May								
	Jun.								
	Jul.								
	Aug.								
	Sep.								
	Oct.								
	Nov.								
	Dec.								
Total									

MONTHLY MEAN METEOROLOGICAL RECORD

Station:									
IRRUA GOAT FARM									
Year	Month	Atm. temperature		Earth temperature		Monthly rainfall (mm)	Sunshine hours (hr.)	Relative humidity (%)	Piche Evaporation (mm)
		Max. (°C)	Min. (°C)	1ft.deep (°C)	4ft.deep (°C)				
1974	Jan.	30.6	17.6	26.5	27.9				
	Feb.	33.1	21.7					73.7	
	Mar.	32.7	24.6					78.5	
	Apr.	27.5	21.7					80.0	
	May	29.9	21.6					80.7	
	Jun.	28.8	20.6					84.1	
	Jul.	26.8	20.8					87.2	
	Aug.	27.2	21.5					85.9	
	Sep.	27.6	20.8					85.6	
	Oct.	28.8	20.9					84.2	
	Nov.	27.8	20.2					79.1	
	Dec.	30.2	16.1					63.4	
Total		29.4	20.7					80.2	
Year	Month	Atm. temperature		Earth temperature		Monthly rainfall (mm)	Sunshine hours (hr.)	Relative humidity (%)	Piche Evaporation (mm)
		Max. (°C)	Min. (°C)	1ft.deep (°C)	4ft.deep (°C)				
1975	Jan.	27.3	14.7					18.3	
	Feb.	33.1	16.4					67.8	
	Mar.	32.9	22.5					73.4	
	Apr.	32.1	22.1					75.5	
	May	30.1	20.9						
	Jun.	28.9	20.2						
	Jul.	26.8	20.3						
	Aug.	26.8	20.6						
	Sep.	27.0	21.2						
	Oct.	29.1	20.6						
	Nov.	29.8	20.9						
	Dec.	30.3	12.3						
Total		29.5	19.4						

WATER LEVEL AND DISCHARGE

STATION AZARA EGBELU

River system: _____ Name of stream: _____ Drainage area (Km²): _____ Year 1972

	July		Aug		Sept		Oct		Nov		Dec			
	H	Q	H	Q	H	Q	H	Q	H	Q	H	Q		
1											2.80	4.54	1	
2											2.75	4.40	2	
3											2.75	4.40	3	
4													4	
5													5	
6													6	
7													7	
8													8	
9													9	
10										2.95	4.95		10	
11										2.95	4.95		11	
12													12	
13										2.90	4.80		13	
14										2.90	4.80		14	
15										2.90	4.80		15	
16										2.90	4.80		16	
17										2.85	4.65		17	
18										2.85	4.65		18	
19													19	
20										2.80	4.54		20	
21										2.80	4.54		21	
22										2.85	4.65	2.70	4.25	22
23										2.80	4.54	2.70	4.25	23
24										2.80	4.54	2.70	4.25	24
25										2.80	4.54			25
26														26
27										2.80	4.54	2.70	4.25	27
28										2.80	4.54	2.70	4.25	28
29										2.80	4.54	2.70	4.25	29
30										2.80	4.54	2.70	4.25	30
31												2.70	4.25	31
MAX										4.95		4.54		MAX
MIN										4.54		4.25		MIN
TOTAL										83.91		47.34		TOTAL
DAYS										18		11		DAYS
MEAN										4.66		4.30		MEAN

H : Gauge height in _____, Q : Discharge in _____
 Zero point of water gauge: El. _____

WATER LEVEL AND DISCHARGE

STATION AZARA EGBELU

River system: _____ Name of stream: _____ Drainage area (Km²): _____ Year 1973

	Jan		Feb		Mar		Apr		May		June		
	H	Q	H	Q	H	Q	H	Q	H	Q	H	Q	
1			2.85	4.65	2.45	3.65			2.50	3.75	2.60	4.00	1
2	2.85	4.65	2.65	4.15	2.40	3.55			2.45	3.65	2.75	4.40	2
3	2.75	4.40	2.60	4.00	2.40	3.55			2.40	3.55			3
4									2.35	3.40	2.85	4.65	4
5			2.55	3.90	2.40	3.55	2.65	4.15	2.35	3.40	2.85	4.65	5
6	2.70	4.25	2.55	3.90	2.40	3.55	2.60	4.00			2.85	4.65	6
7			2.55	3.90	2.35	3.40	2.60	4.00	2.70	4.25	2.80	4.54	7
8	2.65	4.15	2.50	3.75	2.35	3.40			2.70	4.25	2.65	4.15	8
9	2.70	4.25	2.50	3.75	2.35	3.40	2.55	3.90	2.75	4.40	2.50	3.75	9
10	2.85	4.65	2.50	3.75	2.35	3.40	2.45	3.65	2.60	4.00			10
11	2.85	4.65					2.40	3.55	2.55	3.90	2.75	4.40	11
12	2.70	4.25	2.50	3.75	2.35	3.40	2.55	3.90	2.55	3.90	2.55	3.90	12
13	2.70	4.25	2.50	3.75	2.35	3.40	2.40	3.55			2.45	3.65	13
14			2.45	3.65	2.35	3.40	2.55	3.90	2.50	3.75	2.40	3.55	14
15	2.65	4.15	2.45	3.65	2.40	3.55			2.45	3.65			15
16	2.65	4.15	2.45	3.65	2.45	3.65	2.50	3.75	2.55	3.90			16
17	2.65	4.15	2.45	3.65	2.50	3.75	2.45	3.65	2.75	4.40			17
18	2.60	4.00					3.00	5.10	2.70	4.25	3.20	5.65	18
19	2.60	4.00	2.45	3.65	2.50	3.75	2.65	4.15	2.55	3.90	3.20	5.65	19
20	2.60	4.00	2.45	3.65	2.40	3.55	2.85	4.65			3.05	5.20	20
21			2.50	3.75	2.35	3.40	2.65	4.15	2.45	3.65	3.15	5.25	21
22	2.60	4.00	2.50	3.75	2.35	3.40			2.40	3.55	3.65	7.00	22
23	2.60	4.00	2.50	3.75	2.45	3.65			2.40	3.55	3.60	6.85	23
24	2.55	3.90	2.45	3.65	2.45	3.65	2.95	4.95	2.85	4.65			24
25	2.55	3.90					2.90	4.80	2.80	4.54	3.60	6.85	25
26	2.55	3.90	2.45	3.65	2.70	4.25	2.90	4.80	2.70	4.25	3.45	6.40	26
27	2.55	3.90	2.45	3.65	2.65	4.15	2.85	4.65			3.65	7.00	27
28			2.45	3.65	2.65	4.15	2.75	4.40	2.55	3.90	3.40	6.20	28
29	2.55	3.90	/						2.55	3.90	3.40	6.20	29
30	2.55	3.90	/				2.75	4.40	2.50	3.75	3.00	5.10	30
31	2.55	3.90	/				/		2.70	4.25	/		31
MAX		4.65		4.65		4.25		5.10		4.65		7.00	MAX
MIN		3.90		3.65		3.40		3.55		3.40		3.55	MIN
TOTAL		99.25		91.00		86.55		88.05		106.29		123.64	TOTAL
DAYS		24		24		24		21		27		24	DAYS
MEAN		4.14		3.79		3.61		4.19		3.94		5.15	MEAN

H : Gauge height in _____, Q : Discharge in _____
 Zero point of water gauge: El. _____

WATER LEVEL AND DISCHARGE

STATION AZARA EGBELU

River system: _____

Name of stream: _____

Drainage area (Km²): _____

Year 1973

	July		Aug		Sept		Oct		Nov		Dec		
	H	Q	H	Q	H	Q	H	Q	H	Q	H	Q	
1			3.45	6.35	3.20	5.65			3.40	6.20			1
2	3.05	5.20	3.60	6.85			3.50	6.50	3.30	5.95			2
3	3.25	5.80	3.55	6.65	3.90	7.85	3.55	6.65	3.20	5.65	2.60	4.00	3
4	3.15	5.50	3.35	6.05	4.00	8.15	3.60	6.85			2.60	4.00	4
5	3.20	5.65			3.70	7.15	3.65	7.00	3.20	5.65	2.55	3.90	5
6	3.10	5.40	3.20	5.65	3.40	6.20	3.75	7.30	3.20	5.65	2.50	3.90	6
7	3.05	5.20	3.50	6.50	3.10	5.40			3.10	5.40	2.70	4.25	7
8			3.50	6.50	3.00	5.10	3.60	6.85	3.10	5.40	2.70	4.25	8
9	2.90	4.80	3.50	6.50			3.75	7.30	3.00	5.10			9
10	2.85	4.65	3.60	6.85	4.10	8.50	3.80	7.50	3.00	5.10	2.70	4.25	10
11	2.90	4.80	4.00	8.15	4.00	8.15	4.00	8.15			2.65	4.15	11
12	2.90	4.80			3.80	7.50	4.05	8.35	2.90	4.80	2.65	4.15	12
13	2.85	4.65	4.10	8.50	3.75	7.30	4.00	8.15	2.90	4.80	2.60	4.00	13
14	2.50	3.75	4.20	8.90	4.00	8.15			2.85	4.65	2.75	4.40	14
15			3.75	8.00	4.20	8.90	3.85	7.65	2.85	4.65	2.70	4.25	15
16	2.45	3.65	3.70	7.15			4.00	8.15	2.70	4.25			16
17	2.40	3.55	3.60	6.85	4.20	8.90	3.85	7.65	2.70	4.25	2.70	4.25	17
18	2.40	3.55	3.75	7.30	4.00	8.15	3.70	7.15					18
19	2.55	3.90			3.85	7.65	3.50	6.50	2.75	4.40			19
20	2.55	3.90	3.65	7.00	3.80	7.50	3.60	6.85	2.70	4.40			20
21	2.55	3.90	3.70	7.15	3.75	7.30			2.65	4.15			21
22			4.15	8.70	3.70	7.15	3.50	6.50	2.65	4.15	2.50	3.75	22
23	2.85	4.65	4.20	8.90			3.40	6.20	2.65	4.15			23
24	2.85	4.65	4.00	8.15	3.70	7.15	3.95	8.00	2.60	4.00	2.50	3.75	24
25	3.30	5.95	3.85	7.65	3.65	7.00	3.65	7.00					25
26	3.25	5.80			3.60	6.85	3.75	7.30	2.50	3.75			26
27	3.40	6.20	4.00	8.15	3.55	6.65	3.60	6.85	2.50	3.75	2.50	3.75	27
28	3.50	6.50	3.80	7.50	3.50	6.50			2.60	4.00	2.50	3.75	28
29			3.70	7.15	3.60	6.85	3.45	6.35	2.55	3.90	2.55	3.90	29
30	3.45	6.35	3.50	6.50			3.30	5.95					30
31	3.25	5.80	3.40	6.20			3.45	6.35			2.55	3.90	31
MAX		6.50		8.90		8.90		8.35		6.20		4.40	MAX
MIN		3.55		5.65		5.10		5.95		3.75		3.75	MIN
TOTAL		128.55		195.80		181.65		185.05		118.00		76.55	TOTAL
DAYS		26		27		25		26		25		19	DAYS
MEAN		4.94		7.25		7.27		7.12		4.72		4.03	MEAN

H : Gauge height in _____, Q : Discharge in _____
 Zero point of water gauge: El. _____

WATER LEVEL AND DISCHARGE

STATION AZARAEBELLU

River system: _____ Name of stream: _____ Drainage area (Km²): _____ Year 1974

	Jan		Feb		Mar		Apr		May		June			
	H	Q	H	Q	H	Q	H	Q	H	Q	H	Q		
1			2.30	3.30	2.35	3.40	2.40	3.55	2.20	3.10	3.05	5.20	1	
2	2.50	3.75	2.30	3.30	2.35	3.40	2.30	3.30	2.25	3.20			2	
3	2.50	3.75					2.40	3.55	2.10	2.70	3.35	6.05	3	
4	2.40	3.55	2.25	3.20	2.30	3.30	2.50	3.75	2.60	4.00	2.60	4.00	4	
5	2.35	3.40	2.25	3.20	2.25	3.20	2.55	3.90			2.60	4.00	5	
6			2.25	3.20	2.20	3.10	2.55	3.90	2.45	6.35	2.80	4.54	6	
7	2.40	3.55	2.25	3.20	2.15	3.00			3.30	5.95	2.60	4.00	7	
8	2.35	3.40	2.25	3.20	2.15	3.00	2.40	3.55	3.20	5.65	2.60	4.00	8	
9	2.35	3.40	2.25	3.20	2.15	3.00	2.40	3.55	3.10	5.40			9	
10	2.35	3.40					2.60	4.00	3.05	5.20	2.80	4.54	10	
11	2.40	3.55	2.25	3.20	2.30	3.30	2.50	3.75	2.95	4.95	2.65	4.15	11	
12	2.40	3.55	2.25	3.20	2.25	3.20	2.45	3.65			2.65	4.15	12	
13			2.25	3.20	2.25	3.20	2.40	3.55	2.65	4.15	2.65	4.15	13	
14	2.30	3.30	2.25	3.20	2.40	3.55			2.55	3.90	2.65	4.15	14	
15	2.30	3.30	2.25	3.20	2.50	3.75			2.50	3.75	2.75	4.40	15	
16	2.30	3.30	2.25	3.20	2.50	3.75	2.30	3.30	2.30	3.30			16	
17	2.30	3.30					2.30	3.30	2.25	3.20	2.85	4.65	17	
18	2.35	3.40	2.25	3.20	2.25	3.20	2.20	3.10	2.50	3.75	2.95	4.95	18	
19	2.35	3.40	2.25	3.20	2.10	2.90	2.10	2.90			2.80	4.54	19	
20			2.25	3.20	2.10	2.90	2.35	3.40	2.30	3.30	2.85	4.65	20	
21	2.35	3.40	2.25	3.20	2.05	2.95			2.50	3.75	2.85	4.65	21	
22	2.30	3.30	2.25	3.20	2.00	2.90	2.50	3.75	2.30	3.30	2.80	4.54	22	
23	2.30	3.30	2.25	3.20	2.15	3.00	2.45	3.65	2.30	3.30			23	
24	2.45	3.65					2.60	4.00	2.45	3.15	2.75	4.40	24	
25	2.45	3.65	2.35	3.40	2.10	2.90	2.55	3.90	2.45	3.65	2.90	4.54	25	
26	2.45	3.65	2.40	3.55	2.10	2.90	2.50	3.75			3.00	5.10	26	
27			2.45	3.65	2.10	2.90	2.45	3.65	2.40	3.55	3.05	5.20	27	
28	2.45	3.65	2.40	3.55	2.10	2.90			2.40	3.55	3.05	5.20	28	
29	2.50	3.75	/			2.10	2.90	2.30	3.30	2.30	3.30	2.80	4.54	29
30	2.45	3.65	/			2.10	2.90	2.35	3.40	2.20	3.10			30
31	2.45	3.65	/					/		2.40	3.55	/		31
MAX		3.75		3.65		3.75		4.00		6.35		6.05	MAX	
MIN		3.30		3.20		2.70		2.90		2.70		4.00	MIN	
TOTAL		90.95		78.35		81.00		89.40		106.75		114.29	TOTAL	
DAYS		26		24		26		25		27		25	DAYS	
MEAN		3.50		3.26		3.12		3.58		3.95		4.57	MEAN	

H : Gauge height in _____, Q: Discharge in _____,
 Zero point of water gauge : El. _____

WATER LEVEL AND DISCHARGE

STATION AZARA EGBELU

River system _____

Name of stream: _____

Drainage area (Km²): _____

Year 1974

	July		Aug		Sept		Oct		Nov		Dec		
	H	Q	H	Q	H	Q	H	Q	H	Q	H	Q	
1	3.25	5.80	3.25	5.80					2.80	4.54			1
2	3.00	5.10	3.15	5.50	3.10	5.40	3.00	5.10	2.85	4.65	2.60	4.00	2
3	2.85	4.65	2.80	4.54	2.95	4.95	2.90	4.80			2.60	4.00	3
4	2.80	4.54			2.80	4.54	2.95	4.95	2.80	4.54	2.60	4.00	4
5	2.60	4.00	2.90	4.80	2.65	4.15	2.75	4.65	2.80	4.54	2.60	4.00	5
6	2.50	3.75	2.80	4.54	2.80	4.54			2.70	4.25	2.60	4.00	6
7			2.70	4.25	2.70	4.25	2.90	4.80	2.70	4.25	2.60	4.00	7
8	2.40	3.55	2.75	4.40			2.75	4.40	2.75	4.40			8
9	2.40	3.55	2.70	4.25	2.70	4.25	2.95	4.95	2.75	4.40	2.60	4.00	9
10	2.40	3.55	2.70	4.25	2.60	4.00	3.10	5.40			2.60	4.00	10
11	2.60	4.00			2.70	4.25	3.40	6.20	2.70	4.25	2.55	3.90	11
12	2.70	4.25	2.60	4.00	2.80	4.54	3.25	5.80	2.70	4.25	2.55	3.90	12
13	2.50	3.75	2.80	4.54	3.10	5.40			2.80	4.54	2.55	3.90	13
14			2.80	4.54	3.30	5.95	3.10	5.40	2.75	4.40	2.55	3.90	14
15	2.50	3.75	2.75	4.65			3.30	5.95	2.70	4.25			15
16	2.60	4.00	2.85	4.65	3.10	5.40			2.70	4.25	2.60	4.00	16
17	2.80	4.54	2.85	4.65	3.30	5.95					2.60	4.00	17
18	2.90	4.80			3.00	5.10	3.05	5.20	2.65	4.15	2.55	3.95	18
19	2.85	4.65	2.80	4.54	2.90	4.80	3.00	5.10	2.65	4.15	2.55	3.95	19
20	2.85	4.65	2.70	4.25	2.90	4.80			2.70	4.25	2.55	3.95	20
21			2.60	4.00	3.20	5.65	2.90	4.80	2.65	4.15	2.55	3.95	21
22	3.15	5.50	2.70	4.25			2.90	4.80	2.65	4.15			22
23	3.20	5.65	2.60	4.00	2.90	4.80	2.95	4.95	2.60	4.00	2.55	3.95	23
24	3.10	5.40	2.50	3.75	2.95	4.95	2.90	4.80			2.55	3.95	24
25	2.85	4.65			2.80	4.54	2.85	4.65	2.60	4.00			25
26	2.80	4.54	2.60	4.00	2.95	4.95	2.80	4.54	2.60	4.00			26
27	3.20	5.65	2.65	4.15	2.90	4.80			2.60	4.00	2.55	3.95	27
28			2.70	4.25	2.80	4.80	2.75	4.40	2.60	4.00	2.55	3.95	28
29	3.40	6.20	2.70	4.25			2.70	4.25	2.60	4.00			29
30	3.30	5.95			2.80	4.80	2.65	4.15	2.60	4.00	2.50	3.95	30
31	3.20	5.65					2.95	4.95			2.50	3.95	31
MAX		6.20		5.80		5.95		6.20		4.65		4.00	MAX
MIN		3.55		3.75		4.00		4.15		4.00		3.75	MIN
TOTAL		126.07		110.8		121.56		118.99		110.24		94.70	TOTAL
DAYS		27		25		25		24		6		24	DAYS
MEAN		4.67		4.43		4.86		4.96		4.24		3.95	MEAN

H : Gauge height in _____, Q: Discharge in _____
 Zero point of water gauge: El. _____

WATER LEVEL AND DISCHARGE

STATION AZARAEGBELU

River system: _____ Name of stream: _____ Drainage area (Km²): _____ Year 1975

	Jan		Feb		Mar		Apr		May		June		
	H	Q	H	Q	H	Q	H	Q	H	Q	H	Q	
1			2.45	3.65	2.60	4.00	2.40	3.55	2.80	4.54			1
2	2.50	3.75					2.40	3.55	2.90	4.80	2.90	4.80	2
3	2.50	3.75	2.45	3.65	2.50	3.75	2.35	3.40	3.10	5.40	2.90	4.80	3
4	2.50	3.75	2.45	3.65	2.50	3.75	2.35	3.40			2.95	4.95	4
5			2.60	4.00	2.45	3.65	2.30	3.30	3.20	5.65	3.10	5.40	5
6	2.50	3.75	2.55	3.90	2.40	3.55			2.90	4.80	3.10	5.40	6
7	2.50	3.75	2.50	3.75	2.40	3.55	2.30	3.30	2.70	4.25	3.30	5.95	7
8	2.50	3.75	2.45	3.65	2.40	3.55	2.70	4.25	2.70	4.25			8
9	2.50	3.75					2.55	3.90	2.65	4.15	3.00	5.10	9
10	2.50	3.75	2.65	3.65	2.45	3.65	2.50	3.75	2.60	4.00	3.10	5.40	10
11	2.50	3.75	2.60	4.00	2.45	3.65	2.65	4.15			3.20	5.65	11
12			2.55	3.90	2.40	3.55	2.80	4.54	2.55	3.90	3.40	6.20	12
13	2.50	3.75	2.55	3.90	2.40	3.55			2.50	3.75	3.40	6.20	13
14	2.50	3.75	2.50	3.75	2.40	3.55	2.75	4.40	2.55	3.90	3.25	5.80	14
15	2.50	3.75	2.50	3.75	2.40	3.55	2.70	4.25	2.75	4.40			15
16	2.50	3.75					2.65	4.15	2.80	4.54	3.00	5.10	16
17	2.50	3.75	2.50	3.75	2.35	3.40	2.60	4.00	2.85	4.65	2.80	4.54	17
18	2.50	3.75	2.50	3.75	2.90	4.80	2.50	3.75			2.90	4.80	18
19			2.50	3.75	2.90	4.80	2.90	4.80	3.30	5.95	2.90	4.80	19
20	2.50	3.75	2.45	3.65	2.80	4.54			3.45	6.35	2.80	4.54	20
21	2.50	3.75	2.45	3.65	2.70	4.25	2.85	4.65	3.50	6.50	2.65	4.15	21
22	2.50	3.75	2.45	3.65	2.75	4.40	2.80	4.54	3.40	6.20			22
23	2.50	3.75					2.70	4.25	3.45	6.35	2.70	4.25	23
24	2.50	3.75	2.40	3.55	2.55	3.90	2.55	3.90	3.30	5.95	2.80	4.54	24
25	2.50	3.75	2.40	3.55	2.40	3.55	2.50	3.75			2.50	3.75	25
26			2.40	3.55	2.40	3.55	2.55	3.90	2.90	4.80	2.40	3.55	26
27	2.50	3.75	2.80	4.54	2.40	3.55			2.80	4.54	2.35	3.40	27
28	2.50	3.75	2.90	4.80			2.70	4.25	2.80	4.54	2.35	3.40	28
29	2.50	3.75	/	/	2.55	3.90	2.60	4.00	2.70	4.25			29
30	2.50	3.75	/	/			2.70	4.25	2.60	4.00	2.35	3.40	30
31	2.50	3.75	/	/			/	/	2.60	4.00	/	/	31
MAX		3.75		4.80		4.80		4.20		6.50		6.20	MAX
MIN		3.75		3.55		3.40		3.30		3.75		3.90	MIN
TOTAL		97.50		91.39		91.94		103.73		130.41		117.27	TOTAL
DAYS		26		24		24		26		27		25	DAYS
MEAN		3.75		3.81		3.83		4.00		4.83		4.79	MEAN

H : Gauge height in _____, Q : Discharge in _____,
Zero point of water gauge: El. _____

WATER LEVEL AND DISCHARGE

STATION AZARAEGBELU

River system: _____ Name of stream: _____ Drainage area (Km²): _____ Year 1975

	July		Aug		Sept		Oct		Nov		Dec		
	H	Q	H	Q	H	Q	H	Q	H	Q	H	Q	
1	2.35	3.40	2.90	4.80	2.30	3.30			3.30	5.95	2.45	3.65	1
2	2.40	3.55	3.15	5.50	2.60	4.00	3.35	6.05			2.40	3.55	2
3	2.40	3.55			2.70	4.25	3.70	7.15	3.20	5.65	2.40	3.55	3
4	2.40	3.55	3.10	5.40	2.70	4.25	3.70	7.15	3.10	5.40	2.35	3.40	4
5	2.40	3.55	3.00	5.10	2.75	4.40			2.90	4.80	2.30	3.30	5
6			3.05	5.20	2.30	5.95			2.80	4.54	2.25	3.20	6
7	2.50	3.75	3.20	5.65					2.70	4.25			7
8	2.45	3.65	3.40	6.20	3.65	7.00	3.50	6.50	2.60	4.00	2.20	3.10	8
9	2.80	4.54	3.40	6.20	3.55	6.65	3.40	6.20			2.20	3.10	9
10	3.00	5.10			3.25	5.80	3.20	5.65	2.50	3.75	2.20	3.10	10
11	2.80	4.54	3.60	6.85	2.75	4.95	3.10	5.40	2.45	3.65	2.20	3.10	11
12	2.90	4.80	3.55	6.65	2.90	4.80			2.45	3.65	2.20	3.10	12
13			3.40	6.20	3.00	5.10	2.95	4.95	2.45	3.65	2.20	3.10	13
14	3.20	5.65	3.15	5.50			2.90	4.80	2.40	3.55			14
15	3.00	5.10	3.55	6.65	2.80	4.54	2.90	4.80	2.40	3.55			15
16	3.00	5.10	3.50	6.60	2.70	4.25	2.90	4.80			2.15	3.00	16
17	2.90	4.80			2.75	4.40	2.90	4.80	2.40	3.55	2.10	2.90	17
18	2.75	4.40	3.00	5.10	2.55	3.90	2.90	4.80	2.50	3.75	2.05	2.75	18
19	2.70	4.25	2.90	4.80	2.70	4.25			2.50	3.75	2.05	2.75	19
20			2.90	4.80	2.70	4.25	2.95	4.95	2.45	3.65	2.05	2.75	20
21	2.60	4.00	3.00	5.10			3.00	5.10	2.40	3.55			21
22	2.65	4.15	3.05	5.20	3.00	5.10	2.90	4.80	2.45	3.65	2.05	2.75	22
23	2.70	4.25	3.00	5.10	3.10	5.40	2.80	4.54			2.10	2.90	23
24	2.60	4.00			3.40	6.20	2.75	4.40	2.40	3.65	1.90	2.45	24
25	2.50	3.75	2.80	4.54	3.20	5.65	2.65	4.15	2.30	3.30			25
26	2.40	3.55	2.80	4.54	3.30	5.95			2.30	3.30			26
27			2.65	4.15	3.40	6.20	2.85	4.65	2.30	3.30	2.40	3.55	27
28	2.30	3.30	2.60	4.00			2.95	4.95	2.30	3.30			28
29	2.40	3.55	2.50	3.75	3.30	5.95	3.00	5.10	2.30	3.30	2.10	2.90	29
30	2.60	4.00	2.50	3.75	3.20	5.65	3.10	5.40			2.10	2.90	30
31	2.90	4.80					3.30	5.95			2.10	2.90	31
MAX		5.65		6.85		7.00		7.15		5.95		3.65	MAX
MIN		3.30		3.75		3.30		4.15		3.30		2.45	MIN
TOTAL		112.63		137.33		132.14		140.24		98.44		71.75	TOTAL
DAYS		27		26		26		24		25		24	DAYS
MEAN		4.17		5.28		5.08		5.84		3.74		2.99	MEAN

H : Gauge height in _____, Q: Discharge in _____
 Zero point of water gauge: El. _____

WATER LEVEL AND DISCHARGE

STATION AZARAEBELLU

River system: _____ Name of stream: _____ Drainage area (Km²): _____ Year 1976

	Jan		Feb		Mar		Apr		May		June		
	H	Q	H	Q	H	Q	H	Q	H	Q	H	Q	
1					2.60	4.00	2.50	3.75	3.10	5.40	2.05	2.75	1
2	2.00	2.70	1.90	2.45	2.45	3.65	2.45	3.65			2.00	2.70	2
3	2.00	2.70	2.00	2.70	2.30	3.30	2.40	3.55	2.30	5.75	2.25	3.65	3
4			2.10	2.90	2.30	3.30			2.20	5.65	2.65	3.65	4
5	2.00	2.70	2.40	3.55	2.20	3.10	2.10	2.90	3.10	5.40	2.65	3.65	5
6	2.00	2.70	2.50	3.75	2.00	2.70	2.05	2.75	2.00	5.10			6
7	2.00	2.70	2.50	3.75			2.00	2.70	2.90	4.80	2.55	3.90	7
8	2.00	2.70			1.80	2.30	2.10	2.90	2.80	4.54	2.40	3.55	8
9	2.00	2.70	2.00	2.70	1.80	2.30	2.30	3.30			2.25	3.20	9
10	2.00	2.70	1.95	2.55	2.90	4.80	2.20	2.10	2.60	4.00	2.30	3.30	10
11			1.90	2.45	3.50	6.50			2.60	4.00	2.35	3.40	11
12	2.00	2.70	1.90	2.45	2.80	4.54	2.05	2.75	2.40	3.55	2.60	4.00	12
13	2.00	2.70	2.30	3.30			2.00	2.70	1.90	2.25			13
14	2.00	2.70	2.20	2.10			1.95	2.55	1.80	2.30	3.00	5.10	14
15	2.00	2.70			2.00	2.70	1.95	2.55	1.75	2.20	2.10	5.40	15
16	2.00	2.70	2.00	2.70	1.90	2.45					3.10	5.40	16
17	2.00	2.70	1.95	2.55	1.80	2.30			1.90	2.45	3.00	5.10	17
18			1.95	2.55	1.90	2.45			1.80	2.30	2.80	4.54	18
19	2.00	2.70	1.80	2.30	1.80	2.30			1.90	2.45	3.20	5.65	19
20	2.00	2.70			1.90	2.45	1.80	2.30	2.00	2.70			20
21	2.00	2.70	1.80	2.30			1.80	2.30	2.00	2.70	3.10	5.40	21
22	2.00	2.70			1.90	2.45	1.75	2.20	2.30	2.30	4.05	8.35	22
23	1.95	2.55	2.00	2.70	1.85	2.40	1.60	1.90			3.80	7.50	23
24	1.95	2.55	1.95	2.55	1.70	2.45	2.40	3.55	2.25	3.20	2.45	6.35	24
25			1.95	2.55	1.85	2.40			2.20	3.10	3.00	5.10	25
26	1.95	2.55	2.00	2.70	1.80	2.30	2.25	3.20	2.10	2.90	2.45	6.35	26
27	1.95	2.55	2.50	3.75	1.75	2.20	2.30	3.30	2.10	2.90			27
28	1.95	2.55	2.40	3.55			2.20	3.10	2.00	2.90	2.95	4.95	28
29	1.95	2.55			2.30	3.30	1.80	2.30	1.95	2.55	2.75	4.40	29
30	1.95	2.55			2.25	3.40	2.20	3.10			2.60	4.00	30
31	1.95	2.55			2.00	2.70			2.05	2.75			31
MAX		2.70		3.75		6.50		3.75		5.75		8.35	MAX
MIN		2.55		2.30		2.20		1.90		2.20		2.70	MIN
TOTAL		69.00		64.85		78.74		66.40		91.34		134.09	TOTAL
DAYS		26		23		26		23		26		26	DAYS
MEAN		2.65		2.82		3.03		2.89		3.51		5.16	MEAN

H : Gauge height in _____, Q: Discharge in _____,
 Zero point of water gauge: El. _____

WATER LEVEL AND DISCHARGE

STATION AZARAEGBELU

River system _____ Name of stream: _____ Drainage area (Km²): _____ Year 1976

	July		Aug		Sept		Oct		Nov		Dec		
	H	Q	H	Q	H	Q	H	Q	H	Q	H	Q	
1	2.40	3.55			2.25	3.20	3.10	5.40	3.50	6.50			1
2	2.40	3.55	2.40	3.55	2.20	3.10	3.00	5.10	3.30	5.95			2
3	2.40	3.55	2.40	3.55	2.00	3.70			3.10	5.40			3
4			2.30	3.30	1.95	2.55	3.40	6.20	3.30	5.95			4
5	2.45	3.65	2.25	3.20			3.30	7.50	3.35	6.05			5
6	2.50	3.75	2.15	3.00	2.50	3.75	3.40	6.20	3.20	5.65			6
7	2.80	4.54	2.10	2.90	2.65	4.15	3.10	5.40					7
8	2.95	4.65			2.50	3.75	3.10	5.40	3.45	6.35			8
9	2.75	4.40	2.25	3.20	2.30	3.30	2.80	4.54	3.30	5.95			9
10	2.60	4.00	2.10	2.90	2.45	3.65			3.15	5.50			10
11			2.00	2.70	2.35	3.40	2.65	4.15	3.05	5.20			11
12	2.40	3.55	2.25	3.20			2.80	4.54	2.95	4.95			12
13	2.45	3.65	2.30	3.30	2.10	2.90	2.70	4.25	2.85	4.65			13
14	2.55	3.90	2.45	3.65	2.00	2.70	2.60	4.00					14
15	2.75	4.40			2.20	3.10	2.80	4.54	2.70	4.25			15
16	2.70	4.25	2.40	3.55	2.30	3.30	3.40	6.20	2.60	4.00			16
17	2.60	4.00	2.40	3.55	2.80	4.54			2.55	3.90			17
18			2.50	3.75	3.00	5.10	4.00	8.15	2.50	3.75			18
19	2.45	3.65	2.30	3.30			4.40	9.60	2.60	4.00			19
20	2.50	3.75	2.40	3.55	3.00	5.10	4.40	9.60	2.75	4.40			20
21	2.80	4.54	2.50	3.75	3.25	5.80	4.80	11.20					21
22	2.80	4.54			3.20	5.65	4.80	11.20	2.45	3.65			22
23	2.95	4.95	2.40	3.55	3.20	5.65	4.60	10.40	2.45	3.65			23
24	2.90	4.80	2.60	4.00	3.50	6.50			2.40	3.55			24
25			2.65	4.15	3.60	6.85	3.95	8.00	2.35	3.60			25
26	3.25	5.80	2.45	3.65			3.70	7.15	2.30	3.30			26
27	3.10	5.40	2.30	3.30	3.30	5.95	3.90	7.80	2.20	3.10			27
28	2.90	4.80	2.20	3.10	3.30	5.95	3.80	7.50					28
29	2.80	4.54			3.50	6.50	3.60	6.85	2.15	3.00			29
30	2.60	4.00	2.50	3.75	3.30	5.95	3.50	6.50	2.15	3.00			30
31	2.50	3.75	2.30	3.30									31
MAX		5.80		4.15		6.85		11.20		6.50			MAX
MIN		3.55		2.70		2.70		4.00		3.00			MIN
TOTAL		113.91		88.70		115.09		177.37		119.05			TOTAL
DAYS		27		26		26		26		26			DAYS
MEAN		4.22		3.41		4.43		6.82		4.58			MEAN

H : Gauge height in _____, Q : Discharge in _____
 Zero point of water gauge: El. _____

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