



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : SYNOPTIC NO.630, CUYO, PALAWAN

PERIOD OF TARGET YEARS : 1961 to 1995

TOTAL MONTHLY RAINFALL, IN MILI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1961	0.0	0.0	2.8	15.2	218.3	488.4	251.8	548.2	482.8	244.7	120.4	0.0	2350.2
1962	0.0	0.3	0.0	58.3	132.1	376.8	612.8	531.1	417.3	248.8	180.9	0.0	2558.0
1963	0.0	0.0	0.0	0.0	88.5	491.9	277.7	721.6	474.3	230.2	3.8	78.7	2372.7
1964	0.0	1.0	0.0	96.7	149.7	333.3	188.6	263.5	362.8	281.8	804.2	20.8	2302.5
1965	22.8	4.9	16.1	82.5	277.8	559.8	524.7	318.2	208.8	113.5	87.7	43.8	2239.8
1966	0.0	0.0	0.0	9.4	392.8	294.4	567.0	320.7	182.7	137.1	144.2	13.8	2082.1
1967	64.3	0.0	0.1	8.5	186.4	398.5	736.3	718.5	287.4	496.1	67.1	0.0	2972.3
1968	0.0	0.0	0.0	0.0	144.9	134.2	192.0	308.8	479.9	278.1	76.9	0.0	1704.8
1969	0.0	0.0	0.0	0.0	175.4	288.8	869.0	297.9	441.3	142.3	27.5	14.5	2255.7
1970	0.0	0.0	0.0	18.7	39.3	390.2	343.7	323.2	343.5	378.4	114.9	102.7	2054.8
1971	0.0	0.0	5.8	40.0	232.7	772.3	442.7	310.2	499.2	283.9	252.7	41.3	2880.8
1972	19.6	0.0	2.8	9.0	214.8	215.6	288.3	417.1	349.8	125.8	53.1	282.1	1969.0
1973	0.0	0.0	0.9	0.0		393.1	441.9	552.3	474.0	499.4	337.8	53.9	
1974	0.8	0.5	0.0	3.8	154.2	389.1	333.1	334.2	287.0	504.1	173.6	87.4	2247.8
1975	65.4	0.0	3.5	337.4	250.0		259.3	118.5	257.7	245.3	87.1	58.0	
1976	3.1	4.8	0.0	48.8	303.2	437.0	295.7	447.7	307.8	40.5	298.0	43.0	2227.2
1977	36.7	2.0	1.3	0.0	147.7	247.9	717.9	564.0	529.7	43.3	47.3	2.8	2348.8
1978	2.3	0.0	0.0	63.6	121.2	302.5		584.1	392.2		81.0	31.1	
1979	10.2	0.0	0.0	11.7	448.2	410.6	546.0	220.5	324.9	257.7	16.5	35.1	2281.4
1980	0.0	0.0	14.3	0.6	177.3	820.8	459.2	529.5	407.6			22.1	
1981	3.3	0.0	0.0	0.0	103.5	270.4	301.7	278.7	172.5	445.0	42.5	1.5	1622.1
1982	0.0	0.0	93.5	4.8	96.1	379.1	722.7	507.8	194.8	89.5	27.4	9.2	2124.9
1983	2.0	0.0	0.0	0.0	88.1	159.0	518.0	295.7	711.4	229.1	154.6	0.0	2137.9
1984	0.0	0.8	0.0	132.5	325.1	487.0	195.8	520.8	619.8	614.0	58.1	75.6	3057.5
1985	0.0	3.8	26.7	140.3	199.9	267.5	328.9	395.3	577.8	375.8	342.5	23.1	2651.7
1986	4.1	0.8	1.0	25.6	139.9	226.6	437.4	386.7	225.2	312.5	202.7	78.8	2242.5
1987	5.6	0.0	0.0	29.5									
1988	0.0	0.0	0.0	72.2	291.7	389.4	617.6	311.3	362.2	840.6	134.3	0.0	3019.3
1989	39.4	0.0	2.5	11.7	161.4	486.3	225.5	471.2	251.0	225.2	8.1	0.0	1881.6
1990	1.0	0.0	0.0	0.0	242.2	647.8	448.1	266.1	374.1				
1991													
1992	0.0	0.0	0.0	0.0	63.1	273.8	335.2	478.4	204.7	364.2	29.4	0.0	1748.8
1993	0.0	0.0	1.3	1.0	56.6	195.9	539.8	1060.0	245.0	177.8	53.8	185.4	2517.8
1994	1.0	0.0	0.0	89.1	284.9	487.7	532.8	384.0	444.6	122.2	0.0	15.8	2361.9
1995	0.0	0.0	0.0	0.0	42.6	360.8	338.3	345.9	436.8	442.9	240.8	120.0	2328.5
MEAN	8.9	0.5	5.4	37.7	185.3	380.5	434.0	430.8	372.4	294.9	132.0	44.4	2253.9

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : SYNOPTIC NO.637, ILOILO CITY, ILOILO

PERIOD OF TARGET YEARS : 1961 to 1995

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1995	38.6	10.4	5.3	12.6	36.2	320.4	345.6	314.3	743.4	441.3	150.4	119.6	2598.1
1961	6.5	9.8	15.1	28.1	252.3	466.2	349.2	511.9	158.6	370.8	130.3	70.5	2363.3
1962	16.0	30.7	9.3	28.4	123.4	87.1	638.9	335.7	518.8	137.8	131.6	25.7	2083.4
1963	3.3	0.6	12.3	4.8	17.3	274.5	178.7	372.5	322.8	240.2	63.9	91.3	1582.2
1964	19.1	36.7	14.2	37.6	250.2	308.8	81.6	324.3	258.3	195.7	460.8	52.5	2039.8
1965	57.8	12.7	81.8	33.3	70.6	243.3	360.7	267.5	219.0	168.4	251.8	121.2	1886.1
1966	81.1	21.1	10.5	11.0	514.4	255.5	354.7	115.4	234.5	200.5	255.6	70.7	2135.0
1967	184.8	48.8	39.9	12.4	78.1	248.4	326.6	425.0	102.0	322.5	185.7	29.7	2001.8
1968	11.5	7.1	10.7	15.1	75.7	158.4	173.6	409.7	141.2	50.8	190.4	9.9	1254.1
1969	6.4	0.0	8.9	10.0	39.3	152.6	426.1	125.0	183.6	106.6	53.2	71.2	1185.9
1970	25.9	7.2	35.1	5.3	151.0	414.4	195.8	256.1	234.9	225.0	101.8	60.7	1713.2
1971	9.2	4.1	5.6	84.0	94.2	174.8	353.3	182.4	42.6	301.3	37.4	110.5	1439.4
1972	143.4	23.4	26.0	31.0	118.7	242.2	767.8	221.9	377.6	187.9	188.1	150.0	2478.0
1973		20.5	2.0	12.5	0.0	120.2	392.6	533.9	480.9	272.3	483.5	161.7	
1974	48.8	22.0	33.1	27.5	36.8	265.2	302.4	328.9	92.9	669.0	147.0	139.0	2110.6
1975	130.5		11.1	144.6	147.1	378.5	89.5	253.6	297.7	328.2	55.0	119.5	
1976	45.5	37.9	26.0	20.6	315.3	217.3	509.1	386.7	331.2	174.3	131.8	89.5	2285.2
1977	38.7	60.4	21.0	8.0	6.1	247.5	224.4	281.0	545.4	73.6	77.0	21.7	1598.8
1978	26.2	9.1	3.8	131.4	86.8	150.1	131.6	503.6	320.6	252.7	119.6	162.6	1878.3
1979	12.5	17.7	0.1	125.3	97.5	129.5	501.5	667.4	207.6	706.8	84.5	65.2	2615.4
1980	21.5	74.3	74.8		22.1	648.0	220.9	206.1	348.4	363.2	193.0	94.3	
1981	43.3	5.8	7.6	80.4	30.6	423.2	203.0	345.9	283.8	117.3	134.3	65.3	1757.5
1982	15.3	2.0	151.8	60.8	158.0	396.6	285.7	661.2	381.0	215.6	53.4	9.9	2391.3
1983	73.4	5.0	31.2	2.4	9.4	181.7	247.5	278.5	346.2	294.6	284.8	102.1	1828.9
1984	32.3	64.6	97.0	66.6	109.5	508.8	391.6	505.8	411.5	515.8	365.9	72.3	3141.7
1985	36.9	54.1	35.4	267.6	58.2	460.4	271.4	161.7	341.7	470.2	182.0	90.4	2431.0
1986	43.2	15.3	51.5	49.2	70.4	254.2	300.8	892.4	257.5	182.4	246.9	97.4	2480.2
1987	30.1	12.0	1.0	5.7	41.9	162.4	452.7	224.5	517.0	152.0	212.3	21.8	1833.4
1988	13.7	13.3	13.1	85.2	197.8	433.0	323.5	264.9	272.7	561.6	312.7	39.4	2580.7
1989	54.1	33.0	58.8	68.7	253.5	323.5	306.5	672.6	180.6	138.2	37.4	8.8	2157.7
1990	15.1	6.6	6.0	9.1	262.1	602.2	326.6	466.1	182.0	124.6	319.5	22.5	2338.4
1991	3.1	20.0	48.4	26.4	8.2	357.9	371.5	709.3	78.7	94.1	123.4	37.6	1876.8
1992	1.6	5.9	0.0	3.0	48.8	337.6	226.6	451.3	180.1	224.4	158.2	74.4	1751.9
1993	17.6	5.5	49.9	47.4	26.0	175.5	287.3	540.1	120.7	319.6	133.1	320.1	2642.8
1994	49.8	56.1	34.8	226.4	348.2	465.1	872.9	232.1	293.1	218.8	40.0	131.8	3060.1
MEAN	40.4	22.0	29.6	52.2	118.2	303.8	343.4	353.6	285.6	256.3	176.2	84.6	2089.0

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : SYNOPTIC NO. 642, DUMAGUETE CITY, NEGROS ORIENTAL

PERIOD OF TARGET YEARS : 1961 to 1995

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1961	166.9	24.4	43.2	38.4	79.7	160.0	111.8	78.8	91.6	83.0	91.3	77.2	1047.7
1962	31.2	135.1	87.3	20.7	54.0	59.4	228.3	143.3	244.2	82.6	278.1	79.5	1447.6
1963	64.7	37.4	76.5	38.2	11.2	58.8	47.6	98.7	54.2	43.8	78.1	35.3	674.5
1964	22.0	120.9	5.3	137.6	169.5	218.1	118.5	64.7	64.7	75.0	281.8	120.1	1394.4
1965	285.0	71.9	211.7	18.2	74.0	105.4	152.2	156.8	95.5	247.9	113.7	71.3	1608.5
1966	28.0	33.8	5.4	28.8	106.6	70.5	211.2	45.6	69.2	265.7	92.4	141.0	1122.1
1967	156.2	65.4	204.1	7.6	8.4	82.9	148.0	45.1	44.4	126.1	177.4	58.6	1120.2
1968	77.4	30.3	28.8	4.3	18.0	33.8	75.0	109.2	106.4	149.7	181.5	66.3	882.8
1969	15.4	18.5	7.9	18.6	122.2	159.7	120.2	113.9	83.1	69.8	70.9	175.3	956.3
1970	11.7	58.8	79.0	5.7	85.9	77.5	78.8	63.2	126.0	315.4	124.2	127.2	1151.4
1971	57.6	260.8	42.8	44.0	185.0	179.8	122.0	261.1	73.9	354.0	251.9	57.4	1690.3
1972	93.4	12.9	69.7	43.3	118.6	94.4	12.5	140.8	111.0	46.7	154.4	78.1	973.8
1973	5.3	14.4	2.9	23.7	0.0	83.9	228.5	125.6	529.8	178.9	238.8	128.8	1538.2
1974	72.6	91.1	152.2	78.1	86.8	139.3	87.2	112.9	148.8	269.2	115.1	133.4	1508.7
1975	182.8	45.1	14.7	89.1	85.9	85.9	176.7	141.4	156.9	103.3	93.1	100.6	1238.3
1976	148.1	43.5	59.9	29.0	71.5	132.3	111.2	81.6	102.7	210.7	258.5	103.3	1330.3
1977	21.1	82.5	64.8	0.0	26.0	126.6	164.6	70.5	143.0	177.3	82.3	39.7	1064.6
1978	101.7	43.0	2.8	17.3	10.4	59.3	17.9	59.6		253.2	105.5	168.9	
1979	35.0	28.8	13.4	12.4	66.3	129.2	68.3	35.5	117.0	143.2	88.1	74.6	817.8
1980	102.5	50.8	31.1	23.8	19.4	287.9	127.0	135.0	97.5	145.9	183.3	73.6	1278.9
1981	118.9	43.4	7.8	4.8	20.1	90.1	91.2	105.3	148.0	218.4	50.7	127.1	1024.8
1982	23.0	68.3	31.5	48.0	56.6	112.2	80.3	152.2	103.4	96.6	178.6	66.7	1015.6
1983	23.8	10.2	1.6	0.0	1.3	36.4	245.7	45.1	222.2	163.3	183.3	73.7	1026.4
1984	127.2	30.8	45.7	165.3	132.4	160.3	123.4	43.0	344.0	264.3	105.0	101.8	1639.2
1985	94.7	13.8	16.0	225.8	111.3	15.7	130.1	42.8	107.3	276.1	79.7	80.1	1184.4
1986	247.5	48.4	22.9	12.0	21.3	87.8	98.4	185.5	38.5	134.5	48.3	81.5	1026.6
1987	28.8	18.9	22.4	0.0	0.0	17.4	145.5	177.3	126.3	53.2	65.0	119.0	772.8
1988	17.8	47.6	23.0	53.9	30.5	181.7	79.4	219.2	210.9	233.6	129.5	52.3	1259.2
1989	50.9	45.0	39.7	64.8	150.2	200.9	103.7	135.5	93.8	84.2	164.5	28.3	1161.3
1990	92.0	3.7	36.2	12.3	195.2	89.1	111.0	90.4	81.4	64.0	180.6	20.8	976.8
1991	37.0	40.4	8.2	73.7	77.3	54.0	729.8	62.2	60.0	109.4	130.2	29.5	745.7
1992	25.5	2.6	5.9	2.4	4.0	124.9	97.6	58.3	84.5	142.5	169.8	50.2	778.2
1993	57.3	94.1	33.2	30.5	1.9	49.7	120.1	95.4	64.4	60.1	87.2	338.5	1064.4
1994	51.9	28.5	36.6	132.8	79.5	124.0	44.1	97.9	182.5	120.6	35.4	70.7	981.3
1995	40.7	7.6	44.6	0.6	74.5	139.0	144.1	115.4	264.3	94.5	179.2	151.0	1255.5
MEAN	78.5	52.0	45.3	40.6	65.8	107.8	118.3	125.6	135.0	157.8	137.8	97.0	1145.1

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : SYNOPTIC NO.644, TAGBILARAN CITY, BOHOL

PERIOD OF TARGET YEARS : 1961 to 1995

TOTAL MONTHLY RAINFALL, IN MILI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1961	115.3	66.8	143.8	85.9	92.9	135.4	125.5	72.4	73.7	119.5	128.4	168.3	1334.9
1962	43.7	143.3	132.4	17.8	56.4	190.4	161.8	158.3	158.5	183.7	181.5	78.6	1515.4
1963	130.8	95.1	138.9	35.3	18.8	8.3	83.8	153.2	93.7	113.3	289.0	85.5	1224.5
1964	104.5	175.4	7.8	233.9	164.4	121.2	193.4	73.0	230.5	199.0	307.5	112.8	1923.2
1965	143.0	66.2	114.0	117.0	44.6	110.3	96.0	103.2	110.6	200.2	161.0	56.7	1322.0
1966	20.1	88.9	43.9	10.1	72.6	106.9	227.8	123.2	83.0	154.1	225.0	192.1	1326.7
1967	248.9	160.8	155.4	87.5	82.1	130.7	168.1	65.0	47.3	232.9	175.8	120.0	1652.5
1968	45.1	40.3	44.9	38.2	81.5	150.7	52.5	93.9	87.8	112.2	235.8	107.4	1090.4
1969	24.8	3.0	30.1	14.3	34.3	206.5	145.4	148.8	76.0	193.0	134.8	108.4	1149.0
1970	159.1	61.8	55.3	14.0	73.0	303.4	65.0	58.0	99.2	155.5	219.8	98.0	1359.9
1971	117.0	162.8	104.8	65.7	181.3	128.8	106.3	192.5	106.9	384.8	217.4	82.8	1871.2
1972	168.1	83.5	130.7	25.4	137.2	105.7	10.4	164.1	200.2	44.1	169.1	120.1	1358.6
1973	17.9	10.3	38.2	70.2	50.7	30.9	231.1	185.6	289.8	128.9	383.3	175.8	1583.7
1974	70.4	131.7	129.5	196.1	157.2	267.1	144.8	11.0	62.5	316.8		88.4	
1975	201.0	83.1	35.6	104.8	72.0	197.3		55.5	202.4	239.9	124.0	155.4	
1976	122.0	81.0	56.0	83.8	67.9	173.0	61.8	152.6	81.8	128.4	215.2	130.7	1334.0
1977	85.7	111.6	111.2	0.3	55.1	109.3	170.1	170.9	124.4	135.4	154.4	38.0	1260.4
1978	151.5	41.2	1.8	26.7	31.1	51.6	85.0	85.8	158.9	140.4	75.7	130.3	980.0
1979	35.4	8.9	28.9	35.6	73.8	62.3	135.9	26.0	133.8	147.1	138.1	60.0	885.9
1980	144.5	31.6	12.3	88.3	31.0	217.9	113.7	145.0	53.6	225.3	274.0	99.1	1438.9
1981	110.1	81.3	7.2	11.1	90.5	64.0	49.2	57.2	185.5	174.7	215.2	184.9	1233.9
1982	31.0	100.8	103.1	47.0	88.9	132.2	104.1	92.8	92.1	47.2	93.3	109.7	1042.2
1983		4.8	8.5	0.5	5.8	43.1	263.0	78.4	147.7	157.7	104.5	201.5	
1984	115.7	84.9	116.6	54.0	120.8	67.8	82.2	74.7	265.2	95.6	218.3	213.8	1508.8
1985	150.4	41.8	41.6	74.2	80.2	72.1	168.8	55.4	133.4	367.4	218.2	57.4	1460.7
1986	321.6	21.9	12.0	48.9	12.2	105.4	98.0	61.2	269.4	179.2	124.9	146.2	1400.8
1987	22.0	80.4	17.5	0.0	0.2	24.2	115.2	89.8	128.9	110.2	123.2	104.8	799.2
1988	31.2	43.2	25.9	97.6	49.3	125.8	86.9	159.0	85.1	127.0	231.9	54.5	1117.4
1989	119.0	42.5	132.0	158.8	124.5	82.8	115.5	85.2	77.3	122.5	149.4	47.3	1254.8
1990	125.1	20.4	71.2	64.1	108.3	99.8	38.1		96.4	174.0	371.8	74.1	
1991	57.2	51.1	38.1	99.4	112.6	65.5	109.7	199.5	25.0	95.7	91.0	35.1	978.9
1992	43.4	31.5	19.5	4.1	0.0	83.4	65.7	68.8	79.8	117.1	114.1	104.3	711.5
1993	32.5	151.4	51.8	75.7	57.4	77.0	125.7	99.4	126.2	147.1	136.4	255.0	1335.8
1994	73.4	33.7	137.8	201.0	221.1	210.5	39.2	126.8	78.7	302.1	109.2	107.5	1540.8
1995	107.6	11.4	140.0	33.0	17.3	208.0	212.3	201.1	323.8	235.2	167.4	230.9	1898.8
MEAN	102.8	69.4	89.7	65.1	78.4	122.1	118.8	108.4	130.0	171.6	184.7	118.0	1321.8

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : SYNOPTIC NO.646, MACTAN INT'L. AIRPORT, CEBU

PERIOD OF TARGET YEARS : 1971 to 1995

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1971													
1972								180.9	216.4	49.6	121.7	101.0	
1973	7.8	27.2	11.9	6.6	7.9	118.7	258.5	177.8	292.4	87.9	356.7	66.5	1419.9
1974	40.0	109.8	91.7	27.8	100.9	59.9	96.6	30.3	64.4	250.7	187.0	245.8	1304.9
1975	151.0	189.8		45.9	5.9	192.4	145.2	138.8	330.5	305.4	55.4	263.9	
1976	169.1	61.0	21.1	22.1	132.4	224.9	273.0	189.7	198.6	83.3	73.3	98.4	1523.9
1977	118.5	135.6	36.5	0.0	57.4	170.4	309.2	257.0	107.9	85.4	126.2	16.1	1422.2
1978	185.4	50.3	68.1	67.4	33.9	65.8	26.5	53.2	274.7	87.8	36.9	203.6	1353.6
1979	52.7	40.3	6.0	107.2	83.7	473.6	186.7	128.9	185.8	140.2	63.8	75.1	1541.9
1980	42.1	86.7	19.6	52.5	54.6	253.6	135.5	358.6	112.7	120.0	208.1	255.9	1699.9
1981	81.0	61.8	29.4	4.5	110.9	41.5	131.1	60.5	222.4	157.7	182.7	182.4	1245.9
1982	9.3	103.9	243.5	2.9	48.3	125.7	91.9	254.8	73.6	83.5	35.3	56.3	1109.2
1983	56.9	8.6	4.9	2.1	0.0	165.3	283.9	306.2	246.7	131.0	181.2	158.8	1607.6
1984	148.0	236.6	41.1	59.8	103.8	360.3	85.0	138.0	147.8	102.3	185.1	184.8	1792.6
1985	151.2	14.5	22.8	64.8	206.2	88.5	391.3	23.0	337.3	178.4	136.6	64.6	1729.2
1986	131.6	42.4	24.0	56.0	9.0	189.2	218.2	114.2	106.8	320.5	140.7	101.8	1454.5
1987	40.6	23.9	2.6	2.8	3.0	42.3	284.9	52.3	75.3	177.8	147.2	30.4	683.1
1988	28.2	18.6	53.6	28.4	87.2	209.2	111.9	159.9	144.4	373.8	284.8	45.4	1545.4
1989	178.0	72.0	95.1	37.0	98.7	216.1	143.6	107.4	230.6	168.0	59.0		
1990	168.6	12.1	19.8	34.4	184.6	137.3	233.3	109.1	161.2	218.3	493.7	56.4	1839.8
1991	110.6	96.3	48.4	45.7	105.2	199.2	172.1	197.1	70.1	194.0	109.3	114.9	1480.9
1992	3.7	5.2	8.2	19.5	0.0	181.0	280.1	89.5	208.8	108.9	172.4	87.8	1150.1
1993	133.7	99.1	89.3	4.2	0.0	124.1	178.5	196.6	99.5	203.1	197.0	328.8	1561.9
1994	204.6	43.3	68.7	251.7	134.4	315.8	284.2	156.0	172.9	173.3	56.0	113.3	2004.4
1995	53.8	9.3	179.2	26.5	24.4	175.8	154.2	121.8	317.0	336.7	92.8	173.8	1665.3
MEAN	98.9	66.4	55.3	41.8	69.2	179.4	194.6	149.2	183.3	174.0	156.4	130.5	1488.7

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : SYNOPTIC NO.648, MAASIN, SOUTHERN LEYTE

PERIOD OF TARGET YEARS : 1971 to 1995

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1971													
1972								287.4	215.6	107.8	190.1	188.5	
1973	14.3	51.3	33.0	38.0	9.1	122.9	321.8	199.8	287.1	226.2	588.3	249.0	2140.8
1974	81.1	425.8	203.1	117.3	115.2	202.9	191.6	148.7	32.7	497.5	136.5	237.5	2399.9
1975	368.0	121.8	99.8	132.4	5.4	122.8	289.2	104.1	160.8	271.4	118.3	310.3	2104.3
1976	333.6	119.7	85.5		148.0	142.7	86.1	115.6	88.6				
1977						112.4							
1978	398.4	117.0	58.0	72.3	82.2	128.7	128.7	90.1	221.0	152.8	115.0	200.8	1773.1
1979	40.1	20.2	78.8	66.5	39.8	63.5	55.3	37.9	68.7	164.8	37.9	83.1	758.2
1980	132.9	164.2	12.3	47.8	12.2	134.1	87.7	208.8	60.5	178.1	195.7	221.9	1438.0
1981	267.9	141.0	71.5	11.9	154.3	65.5	229.1	101.5	214.5	148.4	141.8	355.4	1930.8
1982	48.0	244.8	455.8	12.6	56.1	110.2	125.3	504.1	109.8	82.7	68.0	45.3	1880.7
1983	23.0	11.8	6.6	3.2	0.0	54.7	256.0	165.1	288.5	234.3	109.2	330.7	1421.1
1984	234.0	268.8	89.1	48.5	16.4	28.1	74.4	32.8	224.0	113.3	259.0	408.6	1807.0
1985	307.7	68.3	40.5	64.2	83.3	106.3	300.4	141.5	278.5	265.7	115.8	118.1	1858.3
1988	360.6	57.3	93.9	184.0	37.1	134.2	78.4	100.5	130.5	228.7	178.0	114.5	1676.9
1987	87.1	53.6	82.6	1.2	2.6	55.5	76.6	82.8	52.2	143.5	250.8	31.0	879.5
1985	149.4	48.5		201.8	78.1	185.7	181.2	126.2	137.4	415.1	409.8	178.8	
1989	445.7	181.7	148.5	48.9	179.1	276.6	175.1	174.8	149.4	349.2	87.1	28.5	2222.4
1990	449.7	17.6	14.8	25.1	78.4	210.0	137.1	175.0	245.4	187.4	371.1	33.9	1948.3
1991	167.0	26.9	36.9	8.5	39.9	71.3	298.7	138.8	56.7	127.2	115.9	137.1	1170.9
1992	45.3	16.3	18.6	2.3	2.8	103.2	143.3	152.7	158.9	226.1	117.4	183.2	1174.9
1993	119.8	259.9	271.2	54.5	10.1	56.2							
1994	222.3	128.0			179.5	256.6	159.2	194.3	231.5	71.7	121.3	110.0	
1995	169.4	18.2	117.0	25.4	19.2	112.7	194.4	231.1					
MEAN	263.9	117.0	99.8	57.3	61.7	124.3	185.8	158.6	164.2	209.4	188.3	178.3	1682.4

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : SYNOPTIC NO.653, SURIGAO, SURIGAO DEL NORTE

PERIOD OF TARGET YEARS : 1961 to 1995

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1961	838.1	351.3	133.0	348.3	182.4	161.8	145.9	168.7	112.3	145.1	590.0	583.2	3547.1
1962		777.2		117.3	450.2	61.0	182.1	248.8	251.3	238.2	440.8	563.7	
1963	1652.2	882.0	677.0	140.9	71.2	110.0	154.0	279.8	59.2	238.0	454.1	198.8	5126.2
1964	494.9	757.6	308.7	341.6	259.7	168.6	155.9	104.0	205.9	243.0			
1965	831.9	745.7	338.9	272.4	79.1	122.9	163.6	112.8	171.2	371.5	357.7	603.4	4171.1
1966	322.1	209.3	211.4	207.4			361.8	59.2	135.1	209.7	493.1	785.1	
1967	863.1	893.8	399.5	182.3	115.5	53.2	114.7	151.8	118.3	435.7	338.7	329.3	3773.9
1968	611.1	234.7	394.9	153.1	70.6	71.6	20.3	89.9	243.0		750.2	532.6	
1969	165.7	149.3	168.0	438.2	135.7	129.3	311.5	80.9	157.3	92.4	387.9	617.4	2831.8
1970	456.4	606.8	314.2	141.3	181.0	443.0	107.6	189.8	129.3	335.3	441.1	582.2	3925.0
1971	954.5	568.7	598.6	265.8	141.2	200.4	194.1	133.8	134.0	628.3	456.8	483.2	4768.2
1972	1142.5	376.4	455.6	206.3	57.4	168.2	78.0	235.1	106.9	143.3	535.7	179.3	3729.9
1973	81.1	151.1	217.9	250.9	86.5	80.0	139.4	102.1	239.1	286.4	577.3	890.8	3543.8
1974	537.9	1105.5	375.1	269.5	134.1	60.3	180.1	70.2	11.5	235.1	288.8	781.4	4599.3
1975	861.5	390.5	254.4	441.8	201.7	126.8	222.7	74.4	152.7	143.5	403.8	694.1	3787.7
1976	942.3	307.4	333.2	143.3	45.1	183.6	127.8	342.0	76.4	244.5	261.6	687.6	3765.6
1977	479.1	977.4	479.9	135.6	103.8	174.1	158.6	82.9	59.4		257.1	180.5	
1978	735.1	324.9	274.6	174.9	193.1	85.4	98.6	87.6	158.4	292.6	221.6	532.1	3179.3
1979		9.0											
1980													
1981													
1982													
1983													
1984		860.1	233.0	168.2	88.1	172.0	114.1	130.5	382.8	133.3	386.5	1237.7	
1985	539.1	201.3	370.2	143.1	303.8	18.3	294.8	95.8	164.0	315.4	502.4	378.7	3326.9
1986	1205.2	231.0	498.5	566.1	143.3	81.0	161.9	86.6	148.9	283.6	531.1	422.3	4339.5
1987	311.7	444.7	251.6	45.8	17.0	69.7	150.0	64.3	32.3	185.6	578.4	276.4	2437.7
1988	306.5	359.8	263.1	209.8	97.0	194.1	192.5	257.5	137.4	302.3	724.8	641.8	3696.6
1989	821.0	350.4	331.3	238.5	234.1	258.1	152.2	86.6	169.3	194.7	345.6	214.8	3355.6
1990	852.6	218.9	170.4	314.5	297.5	197.4	185.7	89.7	84.4	350.3	654.7	240.3	3656.6
1991	413.8	182.1	309.7	165.8	120.2	229.8	256.1	120.2	94.3	179.1	195.5	435.3	2782.0
1992	183.8	127.3	151.0	103.4	61.7	31.1	228.5	77.6	104.8	355.3	292.8	536.5	2259.8
1993	381.5	629.4	292.2	337.7	126.6	41.9	100.0	347.3	115.7	153.6	429.1	812.0	3450.0
1994	399.5	401.7	417.6	807.5	106.2	207.3	84.9	154.7	193.8	176.5	638.8	512.4	4101.1
1995	475.3	383.7	298.2	131.0	81.4	121.5	261.1	181.9	248.2	336.3	287.8	482.6	3199.0
MEAN	623.6	460.8	330.3	249.4	143.5	138.5	187.0	142.6	147.6	260.3	455.6	537.3	3634.9

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : SYNOPTIC NO.741, DIFOLOG, ZAMBOANGA DEL NORTE

PERIOD OF TARGET YEARS : 1961 to 1995

TOTAL MONTHLY RAINFALL, IN MILI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1961		34.7	21.5	103.4	203.3	229.4	159.4	183.0	110.9	183.1	241.4		
1962	110.1	121.0	230.4	30.8	301.7	130.3	168.5	251.2	403.3	87.2	265.5	300.1	2408.1
1963	137.9	45.1	55.2	14.5	61.4	165.8	130.7	204.4	182.2	178.4	740.8	189.2	2181.4
1964	45.8	70.9	4.2	101.0	488.2	223.6	219.7	63.4	454.4	79.9	223.8	657.1	2642.0
1965	456.6	95.0	206.4	107.8	165.6	296.1	196.8	228.6	245.3	151.6	368.5	59.8	2589.3
1966		25.1	38.3	89.2	303.6	85.7	455.2	382.7	103.7	323.6	183.4	377.0	
1967	167.5	92.4	121.6	150.2	194.8	282.7	189.1	202.9	195.9	413.1	250.8		
1968	123.1	27.0	12.0	1.0	85.5		126.5	264.0	360.7	225.2	96.1	157.6	
1969	17.7	9.5	3.3	102.5	152.3	274.9	444.2	121.9	204.8	201.6	178.6	458.9	2168.2
1970	127.8	82.7	132.1	45.2	172.2	388.5	218.1	222.4	179.7	519.7	320.8	430.0	2838.2
1971	212.5	167.4	68.2	48.9	146.0	223.6	252.7	406.8	96.0	482.3	486.0	382.3	2953.7
1972	310.7	45.8	164.2	93.4	222.5	134.9	220.5	239.9	218.1	122.0	269.5	118.2	2229.7
1973	13.7	9.5	11.6	91.0	152.3	155.6	308.2	201.3	213.8	528.7	826.6	308.7	2851.0
1974	170.7	101.3	79.8	76.0	294.3	160.7	102.2	139.7	89.0	427.5	306.8	309.0	2248.0
1975	284.3	91.8	87.9	273.9	199.0	180.3	230.8	233.1	242.3	341.0	201.1	533.3	2628.6
1976	302.7	85.1	121.4	34.8	117.9	235.1	42.9	222.1	228.0	641.6	371.8	323.8	2757.2
1977	141.7	112.2	69.5	39.4	14.8	270.8	450.0	117.3	229.5	169.1	64.8	49.5	1759.7
1978	63.9	44.6	16.8	158.4	119.5	143.5	163.3	423.6	357.5	243.2	415.5	125.5	2275.3
1979	55.6	8.9	20.8	6.2	111.6	290.4	195.0	110.2	198.8	345.9	303.9	138.9	1773.2
1980	285.4	39.7	2.8	52.6	66.3	654.6	242.5	243.0	272.5	325.4	394.7	250.3	2830.8
1981	183.9	47.0	10.9	6.6	175.2	264.4	179.3	63.0	229.6	304.7	919.6	170.4	2545.6
1982	84.4	93.3	112.0	180.0	253.7	268.1	171.9	171.0	68.8	199.5	167.6	201.6	1973.1
1983	9.6	3.6	2.5	0.0	72.9	169.3	311.2	329.4	256.4	478.2	424.2	462.3	2359.2
1984	340.2	142.0	41.5	169.3	290.8	303.6	318.2	154.4	363.1	247.1	403.5	231.0	3032.7
1985	181.0	24.7	19.7	355.2		91.8	310.3	127.5	249.5	224.0	419.6	271.5	
1986	212.7	15.8	37.9	18.0	77.2	329.3	319.3	198.4	271.9	319.8	404.4	144.3	2346.0
1987	11.5	43.5	8.5	8.1	154.6	240.5	191.4	141.5	182.4	224.4	238.8	149.8	1544.8
1988	95.6	12.7	53.9	153.5	219.7	190.3	105.3	197.8	219.0	358.7	694.5	319.7	2619.7
1989	34.1	79.5	180.8	168.2	271.4		200.2	225.9	228.0	265.3	185.8	47.4	
1990	65.0	18.6	10.0	19.8	91.8	261.1	81.0	195.5	157.4	252.1	365.0	82.7	1599.0
1991	72.0	97.6	4.8	33.7	47.6	131.3	153.5	139.3	170.8	138.3	332.1	106.7	1427.7
1992	22.6	34.2	3.8	0.8	43.6	300.4	128.5	97.5	190.1	381.7	324.3	66.4	1589.8
1993	40.3	72.8	64.4	73.6	117.5	157.7	166.4	325.0	111.7	131.0	392.2	353.7	2906.1
1994	120.3	63.3	68.4	120.7	124.6	248.6	79.5	215.2	341.3	86.3	171.1	97.8	1739.3
1995	66.9	35.4	81.3	67.8	88.5	174.8	319.1	182.8	290.7	129.5	355.7	385.8	2178.5
MEAN	139.1	59.8	61.7	86.4	163.8	234.7	215.6	210.5	225.6	278.1	352.8	250.0	2296.6

Note : Blank means that the data are not available





## NATIONAL WATER RESOURCES BOARD

## MONTHLY RAINFALL TABLE

STATION NAME : SYNOPTIC NO.747, LUMBIA AIRPOT, MISAMIS ORIENTAL

PERIOD OF TARGET YEARS : 1977 to 1995

## TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1977	42.8	156.6	18.7		81.4	83.6	319.9	369.4	16.9	68.4	215.4	11.2	
1978	53.0	33.5	9.5	96.5	165.3	165.1	232.5	197.3	274.8	177.7	102.5	122.5	1570.2
1979		0.8	12.7	17.6	194.3	328.3	274.8	85.2	228.1	79.8	36.5	107.2	
1980	59.1	75.0	0.0	40.4	61.1	281.2	139.3	338.6	215.3	423.3	69.8	168.7	1968.8
1981	312.8	54.3	14.4		103.8	157.8	308.0	48.4	190.4	115.9	127.3	57.3	
1982	248.1	160.8	108.0	27.2	57.5	189.0	116.9	287.4	144.4	254.5	34.2	28.5	1838.3
1983	3.0	0.0	0.0	0.0	2.0	129.3	372.3	349.4	245.7	224.1	74.7	42.2	1476.1
1984	39.0	53.2	137.9	148.5	125.8	207.2	221.6	88.2	168.2	157.2	17.2	98.6	1452.6
1985	150.5	2.3	5.6		112.0	117.2	278.7	315.1	270.9	207.6	122.1	281.4	
1986	264.6	15.1	28.9	36.4	90.3	226.2	203.1	181.8	184.8	222.2	88.7	63.9	1584.0
1987	20.2	65.3	13.6	0.0	107.9	194.8	200.4	247.9	33.0	41.5	107.7	61.5	1093.8
1988	2.1	15.2	29.5	47.2	99.7	169.5	252.5	131.5	318.4	176.5	190.0	123.4	1554.5
1989	66.1	93.2	84.8	32.7	312.8	403.9	221.4	200.2	253.2	219.2	96.6	77.9	2082.2
1990	29.2	0.0	9.2	2.5	244.9	187.6	224.4	114.9	336.3	141.8	593.4	74.3	1958.5
1991	67.2	13.3	78.7	70.9	67.5	172.3	359.4	123.9	173.0	268.5	132.2	11.1	1418.0
1992	2.5	1.5	6.8	0.0	70.1	218.6	265.5	168.3	177.5	208.8	14.9	72.2	1202.8
1993	33.1	157.1	31.3	24.1	31.8	75.0	244.2	200.6	400.8	259.2	118.5	255.7	1831.4
1994	37.8	77.3	72.0	132.9	113.6	477.6	181.2	263.7	174.8	112.5	19.9	85.6	1749.9
1995	71.1	27.0	59.1	20.6	83.0	201.9	260.9	256.9	268.2	165.2	138.9	258.0	1949.8
MEAN	83.5	52.7	37.8	43.8	128.7	210.8	246.0	209.6	210.8	181.9	120.9	105.4	1622.5

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : SYNOPTIC NO.748, CAGAYAN DE ORO, MISAMIS ORIENTAL

PERIOD OF TARGET YEARS : 1961 to 1995

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1961		62.2	45.2	48.1	215.6	200.8	139.3	192.4	71.9	295.5	81.4	60.1	
1962	78.4	189.3	71.7	5.9	130.8	62.2	151.8	198.3	278.7	176.3	165.9	123.5	1630.8
1963	118.2	147.1	74.0	42.7	53.3	235.4	239.8	288.8	247.4	58.2	23.2	17.1	1543.2
1964	44.5	138.3	2.7	78.9	210.8	174.5	137.1	128.3	372.7	152.3	326.2	155.8	1919.9
1965	452.0	70.8	90.7	42.1	89.0	357.4	129.2	204.0	302.0	90.7	158.0	19.8	2015.8
1966	11.2	4.1	2.6	12.0	231.8	143.9	412.8	255.9	57.1	245.4	57.9	63.5	1513.2
1967	114.2	135.6	21.0	15.8	12.2	269.3	185.5	328.2	227.9	157.3	175.6	20.0	1662.6
1968	89.8	161.1	18.8	18.5	12.0	164.7	65.7	302.7	203.7	181.2	51.8	155.3	1415.1
1969	14.7	5.0	11.6	34.3	57.0	121.3	189.8	108.0	219.9	170.6	118.7	55.6	1108.5
1970	21.5	121.1	33.6	0.0	103.2	273.1	179.3	275.2	169.7	232.3	89.5	34.7	1543.2
1971	60.0	130.4	158.6	20.2	54.5	350.8	127.0	249.2	343.8	219.5	188.7	62.3	1973.0
1972	124.6	34.5	114.4	4.5	90.9	183.3	65.1	251.3	275.7	70.3	53.8	241.4	1508.6
1973	0.0	6.0	1.8	27.7	40.9	218.1	340.4	331.4	231.1	244.6	371.5	226.7	2040.0
1974	114.1	88.1	48.2	34.5	122.5	161.4	287.2	219.8	126.0	315.5	99.6	133.9	1728.1
1975	307.3	20.2	61.1	79.0	111.7	296.9	384.5	164.8	277.6	213.2	79.8	23.5	1955.7
1976	158.4	26.1	9.9	31.8	48.5	215.0	78.0	85.0	198.8	72.9	130.0		
1977	27.7	187.3	18.2	0.0	79.0	72.0	457.5	410.8	35.9	68.6	130.5	7.3	1490.6
1978	62.6	9.8	187.7	43.5	129.5	147.0	158.0	257.3	315.3	133.1	87.1	128.2	1659.1
1979		6.3	8.4	23.7	158.7	177.4	279.1	82.8	147.2	158.2	112.4	93.4	
1980	83.5	55.1		60.8	13.8	232.2	101.9	290.0	138.2	398.7	79.2	155.9	
1981	400.2	50.4	9.1	1.2	64.4	155.7	285.7	36.8	220.9	101.8	139.0		
1982	207.2	139.3	82.4	3.0	39.8	128.8	148.5	250.6	100.6	204.8	35.7	22.1	1382.8
1983	1.2	0.0	1.2	0.0	4.0	182.7	231.5	217.7	322.8	238.5	111.2	40.3	1531.2
1984	49.3	78.3	145.7	152.2	96.8	243.3	258.3	139.2	214.2	211.3	80.1	91.7	1748.4
1985	183.7	3.0	5.1	114.8	82.1	188.0	281.1	180.7	348.9	289.1	124.5	175.0	1932.9
1986	253.9	6.4	33.3	22.9	75.8	296.2	174.3	166.7	166.8	253.2	134.7	80.2	1554.4
1987	24.9	58.1	17.4	0.3	11.5	190.4	259.8	173.3	61.1	124.1	122.4	78.2	1119.5
1988	5.9	17.4	52.7	48.9	85.0	146.6	143.4	148.2	313.3	266.5	215.1	102.3	1541.3
1989	37.4	43.6	85.2	58.4	234.7	368.8	157.5	241.5	219.8	170.7	79.1	103.8	1798.3
1990	35.3	15.2	1.5	4.9	195.7	213.2	245.5	122.8	154.8	180.0	488.9	41.9	1717.7
1991	63.7	19.7	55.9	58.1	21.2	121.4	325.1	90.5	95.0	207.7	54.2	10.9	1170.4
1992	4.1	0.2	3.0	0.3	37.0	254.4	238.9	233.2	152.0	204.0	17.9	75.0	1218.0
1993	38.6	123.2	24.4	31.1	9.5	88.1	187.4	174.8	256.9	137.3	104.8	169.4	1405.5
1994	28.4	93.5	57.2	115.6	52.9	429.8	152.9	342.0	128.3	98.9	23.4	34.0	1560.9
1995	87.3	34.9	47.7	14.9	81.8	258.0	252.1	166.5	272.6	168.4	55.0	288.2	1725.4
MEAN	100.4	65.1	47.0	37.0	88.2	209.2	211.4	207.6	207.4	187.0	124.9	94.2	1601.5

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : SYNOPTIC NO. 751, MALAYBALAY, BUKIDNON

PERIOD OF TARGET YEARS : 1961 to 1995

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1961	222.7	61.1	142.3	43.0	153.8	165.4	290.3	206.1	277.7	338.7	152.0	145.5	2205.6
1962		320.8	157.8	88.2	315.8	409.3	272.1	471.0	422.3	154.8	171.5	88.0	
1963	247.9	178.3	174.0	91.7	344.5	270.2	338.9	473.0	406.9	367.2	48.8	72.2	3009.7
1964	54.6			187.2	431.0	256.8	129.5		289.6	407.8	368.7	83.8	
1965	155.0	119.0	195.7	258.8	215.6	530.5	371.7	378.2	233.6	145.0	215.4	31.4	2651.7
1966		42.2	74.5	126.0	217.0	245.5	617.2	449.0	258.8	314.7	360.3	131.3	
1967	122.2	88.7	101.5	84.1	185.3	343.8	284.0	169.3	188.9	217.0	118.1	101.2	2080.2
1968		72.0	64.4	29.0	141.4	350.1		313.5	351.0	214.8	41.6	519.1	
1969	52.4	14.8	21.0	51.4	147.6	288.9	193.9	264.4	442.0	376.5	105.3	42.5	2000.7
1970	57.8	108.3	50.9	8.8	100.4		251.8	420.1		321.0	120.5	268.8	
1971	47.7	219.8	81.4	73.7	251.7	309.7	332.3	452.4	357.8	298.7	290.5	103.7	2819.4
1972	111.3	107.7	402.2	97.5	275.3	323.2	113.9	234.2	383.8	185.3	112.2	174.6	2520.0
1973	2.5	52.4	17.2	73.0	161.6	138.1	382.2	305.1	393.9	281.5	397.1	134.1	2338.7
1974	137.9	218.5	70.9	189.1	313.4	268.6	333.9	291.0	144.6	488.6	198.0	258.6	2912.3
1975	177.1	73.0	112.0	299.4	336.4	404.5	400.9	309.0	358.5	542.5	174.5	285.2	3473.0
1976	197.4	50.6	66.5	57.5	271.0	228.3		287.8	164.7		189.9		
1977	122.2		44.2	72.4	253.8	237.8	443.7	367.3	58.2	139.7	262.0	54.8	
1978	80.4	43.4	36.5	52.7	255.7	308.0	313.0		232.7	348.3	199.1	202.6	
1979	54.0	59.0	29.1	25.1	210.9	319.3	314.7	268.3		467.6	142.8	181.3	
1980	266.4	55.7	17.1	68.1	138.8	487.8	360.6	279.0	377.1	406.4	61.9	168.2	2655.2
1981	417.5	165.0	55.9	82.6		410.6	332.4	96.1		233.5	122.1	53.1	
1982	323.5	190.3	244.2	53.4	191.0	198.1	187.7		202.6	325.9	202.6	62.4	
1983	43.6	1.0	4.9	4.0	80.5	409.3	415.8	374.0	445.2	423.2	157.7	54.7	2433.9
1984	216.8	141.4			210.3	334.7	222.1	232.4	405.9	386.0	138.4	103.1	
1985	150.2		45.4	268.8	184.7	153.6	311.1	320.1	420.7	395.1	136.7	276.5	
1986	217.6	45.8	134.1	44.7	258.4	395.0	328.2	304.6	322.8	243.2	298.2	45.4	2641.0
1987	83.5	158.1	67.1	21.0	260.0	281.7	311.5	329.5	374.0	268.1	225.4	187.5	2564.4
1988	14.8	74.3	123.8	378.7	244.8	316.1	239.7	283.4	353.3	300.7	134.0	193.0	2654.4
1989	88.9	90.8	278.3	97.7	379.3	409.1	432.2	651.0	257.1	169.3	123.5	14.3	2989.5
1990	92.7	14.5	40.5	66.2	330.7	267.4	225.5	332.7	338.0	174.4	290.2	41.8	2214.6
1991	147.4	82.3	41.0	85.9	264.5	283.8	263.5	230.5	96.4	285.0	143.1	45.3	1943.5
1992	85.5	11.2	13.7	23.8	236.4	306.8	582.9	318.9	218.2	504.5	126.4	132.6	2558.5
1993	57.7	194.7		78.6	67.0	206.7	458.0	184.3	250.8	397.3	263.5	216.1	
1994	94.1	148.8	148.2	91.7	211.5	314.5	185.2	249.5	318.0	305.9	50.2	98.6	2215.2
1995	227.2	116.9	154.0	108.3	248.3	295.5	343.3	388.8	543.6	295.7	200.0	221.3	3142.9
MEAN	138.9	104.0	100.4	98.5	231.7	306.8	321.2	319.8	308.9	317.2	182.5	128.8	2584.6

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : SYNOPTIC NO.752, BUTUAN CITY, AGUSAN DEL NORTE

PERIOD OF TARGET YEARS : 1981 to 1995

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1981	766.5	269.7	140.8	51.3	51.2	105.0	123.4	26.2	135.3	152.1	199.4	290.9	2341.6
1982	506.3	227.7	167.3	59.1	102.4	159.8	64.8	103.9	51.4	153.8	85.4	154.3	1967.0
1983	41.0	3.6	24.0	8.8	69.0	181.3	265.4	123.9	295.5	264.0	218.4	201.4	1898.5
1984	288.9	425.0	64.8	62.0	159.2	65.1	105.0	27.2	285.0	145.4	187.2	254.8	2113.4
1985	549.8	101.0	63.6	144.4	141.4	83.2	247.4	24.3	133.2	177.2	103.2	206.2	1979.1
1986	735.5	125.1	289.3	142.9	81.4	140.8	113.9	83.7	69.3	323.3	285.2	92.3	2482.7
1987	150.3	274.8	190.8	8.4	59.8	139.6	134.9	160.1	48.5	274.4	96.3	155.8	1881.5
1988	141.8	104.0	127.6	121.3	141.1	118.5	146.7	111.5	198.3	178.0	390.1	379.0	2155.9
1989	154.9	211.8	157.6	127.3	267.0	254.3	94.4	118.9	106.9	319.3	140.0	197.1	2227.5
1990	277.1	49.0	73.7	74.9	124.1	182.8	110.9	176.3	156.8			92.9	
1991	182.0	188.0	97.1	138.2	91.5	65.2	240.4	42.5	19.8	155.3	68.4	87.0	1353.4
1992	68.7	11.8	24.5	12.3		25.6	359.1	94.2	84.1	168.6	112.9	325.8	
1993	175.3	426.6	109.8	230.5	85.0	42.9	184.4	153.7	54.6	142.1	113.5	478.1	2196.5
1994	249.3	270.0	250.0	268.6	141.7	178.0	86.9	101.5	69.8	57.8	124.0	218.0	1995.4
1995	173.5	272.9	218.1	79.5	73.8	193.1	140.5	176.9	407.1	270.4	73.7	231.4	2314.9
MEAN	301.7	197.4	135.9	104.3	113.8	132.1	159.9	101.5	143.6	198.8	156.8	223.6	2032.0

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : SYNOPTIC NO.753, DAVAO CITY, DAVAO DEL SUR

PERIOD OF TARGET YEARS : 1961 to 1995

TOTAL MONTHLY RAINFALL, IN MILI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1961		258.6	57.5	165.4	158.4	135.4	128.5	175.7	112.1	162.9	89.9	147.8	
1962		230.6	91.8	256.8	214.8	114.9	204.7	52.3	189.7	138.2	131.8	88.0	
1963	63.4	102.9	144.8	107.6	154.0	21.4	387.3	119.1	164.1	151.9	82.0	57.5	1576.0
1964	48.6	220.1	79.7	220.6	263.7	145.3	92.4	140.1	111.4	116.1	103.1	84.2	1828.3
1965	170.0	180.8	176.6	262.6	178.2	194.2	85.6	185.1	278.7	224.6	126.3	135.0	2200.8
1966	142.0	27.0	30.6	120.3	482.3	49.5	149.3	153.6	157.6	193.5	225.1	97.2	1808.0
1967	96.8	64.3	92.1	138.5	224.3	100.9	149.6	37.9	61.4	96.5	43.1	29.0	1128.2
1968	222.3	26.9	39.6	29.2	245.6	48.6	171.7	261.3	126.9	228.1	74.5	75.6	1551.3
1969	151.3	96.8	57.3	89.8	174.6	295.0	66.8	177.2	291.2	159.7	246.7	177.3	2064.2
1970	101.3	200.3	119.9	49.4	141.6	122.2	249.9	239.3	168.7	178.4	138.6	84.1	1791.7
1971	144.9	70.1	14.6	325.6	292.6	313.5	125.5	246.5	329.1	125.4	184.8	79.6	2251.4
1972	63.1	148.6	199.8	282.7	425.9	221.7	33.7	193.3	302.8	177.2	133.0	43.2	2225.0
1973	4.3	19.9	41.3	108.5	122.8	133.3	296.8	347.6	320.1	73.6		84.8	
1974	130.8	156.1	32.8	285.8	46.8	205.7	101.1	59.4	154.2	130.8	136.0	84.6	1503.3
1975	55.1	71.9	140.0	87.4	175.5	248.9	139.9	231.2	205.5	132.4	123.7	227.0	1884.3
1976	88.0	55.9	72.3	64.4	111.6	190.1	77.7	299.3	157.5	177.5	126.5	81.7	1502.5
1977	177.5	130.3	56.5	13.5	120.3	253.9	174.3	197.7	82.7	343.3	89.4	30.0	1875.4
1978	27.9		17.5	51.2	274.8	220.1	147.9	188.8	124.8	229.3	66.3	123.1	
1979	37.0	32.5	104.0	101.9	285.7	325.9	127.1	70.0	246.9	163.3	118.9	91.0	1704.2
1980	173.4	124.6	15.6	178.9	136.6	569.0	170.3	183.0	78.5	175.1	127.8	231.8	2185.6
1981	186.4	120.8	57.4	174.2	186.6	159.6	75.8	136.5	214.2	193.8	175.5	70.3	1683.1
1982	174.1	100.1	46.4	198.3	108.1	259.0	131.7	247.1	135.5	87.1	239.4	23.3	1752.1
1983	59.8	14.6	11.2	15.4	106.6	221.8	321.7	258.7	174.2	134.0	114.2	194.5	1827.0
1984	89.1	120.8	150.0	99.5	80.7	183.8	100.4	51.4	145.3	151.1	78.3	75.2	1338.8
1985	65.7	81.9	77.8	305.5	222.9	42.4	170.1	325.7	206.6	456.7	145.1	111.9	2192.5
1986	303.3	75.3	80.8	39.5	102.8	262.1	130.0	47.5	229.6	134.2	135.9	8.4	1549.6
1987	137.0	114.1	13.8	92.9	155.7	223.7	111.1	238.2	86.7	335.3	87.2	137.4	1710.9
1988	27.6	103.2	353.8	302.8	211.4	164.2	100.8	148.9	360.0	142.9	88.7	83.4	2095.7
1989	121.6	108.0	192.1	130.5	214.1	295.7	61.3	218.1	92.7	117.9	160.9	83.2	1850.3
1990	37.8	41.5	51.8	172.7	251.0	102.1	215.8	202.3	228.6	182.3	134.5	65.6	1685.0
1991	152.2	95.7	13.3	133.5	194.5	183.9	143.2	99.5	39.4	59.7	213.1	11.4	1339.4
1992	5.4	1.4	3.5	5.0	100.0	220.8	273.3	73.5	139.2	79.1	178.8	95.3	1176.3
1993	103.0	118.4	95.9	234.0	91.3	82.8	296.3	125.4	390.8	58.5	72.3	179.4	1853.1
1994	53.7	77.6	101.8	244.7	234.4	353.1	58.0	383.6	111.4	148.5	59.4	79.0	1905.2
1995	99.4	185.3	119.1	73.0	187.3	108.8	184.3	236.8	194.1	124.0	137.5	207.2	1836.8
MEAN	107.1	194.6	84.9	148.3	130.7	133.9	158.3	150.4	133.8	155.4	127.7	99.5	1748.2

Note : Blank means that the data are not available



STATION NAME : SYNOPTIC NO.755, HINATUAN, SURIGAO DEL SUR

PERIOD OF TARGET YEARS : 1961 to 1995

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1961							228.1	182.1	150.0	145.9	534.1	881.5	
1962	1509.6	1138.9	712.8	204.5	421.4	174.3	129.5	278.1	325.5	81.4	306.4	487.7	5868.1
1963	616.0	514.8	261.9	82.8	165.4	77.0	77.4	115.7	172.0	91.0	105.1	58.8	2938.8
1964	496.7			425.0	419.3	227.9		198.4	215.7	68.7	323.5	451.9	
1965	880.8	433.7	415.4	258.5	142.6	387.4	180.0	220.2	133.5	331.3	316.8	528.8	4220.8
1966	494.5	157.3	193.7	505.8	103.0	77.7	313.4	57.0	211.9	228.4	245.5	503.4	3091.6
1967	476.1	731.0		310.6	229.8	132.9	216.7	251.4	188.5	250.9	319.9		
1968	737.9		423.7	250.5	224.5	137.0	158.5	135.0	103.3	348.3	18.7	867.7	
1969	419.8	281.4	334.3	302.2	204.2	333.7		158.8	165.3	74.2	268.5	454.2	
1970	678.5	524.6	422.8	227.8	378.9	334.1	191.6	231.8	228.0	251.0	738.1	978.0	5181.2
1971	915.9	808.2	317.0	120.2	338.4	214.2	182.7	234.0	152.4	388.1	315.5	522.5	4490.1
1972	672.6	425.5	755.2	357.2	220.7	188.8	142.1	294.9	320.2	135.9	510.3	513.9	4538.3
1973	178.8	443.6	245.8	475.4	382.9	180.6	240.4		219.2	250.3	848.3	596.4	
1974	978.0	640.9	467.1	837.5	303.8	156.1	233.9	225.4	134.5	267.3	213.1	863.0	5878.4
1975	616.5	411.8	658.9	586.8	283.4	377.7	300.0			165.4	231.8	822.4	
1976	921.0	400.1	634.7	174.5	135.5	133.5	81.8	361.2	151.8	285.8	327.3	746.8	4362.8
1977	438.8	717.8	547.9	175.4	249.7	293.5	248.5	135.0	80.6	174.8	218.8	401.0	3655.6
1978	657.7	469.4	403.7	242.6	519.8	228.6	128.0	208.9	188.1	88.8	295.8	817.6	4249.8
1979	592.3			164.4	244.7	436.7	255.1	30.6	136.3	328.8	274.2	565.8	
1980	786.6	706.0		398.5	172.9	390.0	305.2	302.9	150.9	500.0	347.6	872.8	
1981	1477.2	391.1	397.8	237.5	295.1	268.5	205.3	1.3	312.8	246.7	486.5	520.5	4840.4
1982	1193.3	422.8	355.6	158.1	119.7	201.5	181.2	174.4	85.9	234.6	224.4	505.2	3814.7
1983	258.2	153.3	101.8	144.7	232.8	332.6	245.9	185.7	357.1	404.5	180.9	528.8	3107.2
1984	883.4		420.5	257.9	199.8		54.2	190.1	357.5		305.3	493.3	
1985	473.6	412.9	418.3	413.7	251.8	112.1	485.9	123.5	378.8	273.9	609.7	551.6	4503.8
1986	1179.8	233.8	788.8	207.3	78.0	151.7	324.5	144.4	302.2	249.4	864.4	148.0	4419.8
1987	424.4	406.9	391.0	161.4	206.2	340.6	177.1	219.2	202.9	485.7	350.6	427.5	3773.5
1988	353.2	519.9	379.3	266.4	273.4	313.8	231.4		160.8	145.4	598.0		
1989	438.5	227.8	419.1	812.2	107.0	421.1	143.5	233.7	290.0	194.4	427.3	307.2	4038.6
1990	565.4	288.1	678.4	458.7	271.8	167.2	224.8	167.8	104.6	273.8	289.8	282.8	3771.0
1991	509.4	548.1				525.5	102.8	29.2	86.2	104.5	285.0	410.2	
1992	352.1	165.8	166.5	84.7	135.2	228.9	281.0	133.2	130.5	343.8	121.9	830.2	2965.6
1993	435.3	879.2	409.8	311.0	358.7	193.8	207.2	162.4	191.2	278.1	486.8	437.4	4348.9
1994	711.8	441.1	658.6	254.8	54.5	375.4	102.5	302.5	147.4	66.0	545.9	519.5	4180.1
1995	716.0	597.3	287.7	386.3	228.8	241.8	155.2	196.2	338.0	365.1	575.3	569.3	4860.0
MEAN	670.2	493.0	437.4	311.0	239.8	253.6	205.2	183.5	201.9	238.7	365.8	561.4	4179.1

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : SYNOPTIC NO.836, ZAMBOANGA CITY, ZAMBOANGA DEL SUR

PERIOD OF TARGET YEARS : 1961 to 1995

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1961		50.6	46.6	97.6	121.5	163.7	23.7	135.1	158.7	202.7	31.7		
1962	117.5	68.4	110.7	32.3	103.6	106.9	128.3	96.3	355.5	111.8	149.6	119.1	1505.0
1963	43.9	7.2	32.5	0.8	22.8	40.5	12.4	72.7	27.6		16.5	49.2	
1964	10.4	57.5	18.5	78.2	174.5	142.1	97.3	118.1	111.1	124.4	305.5	66.3	1303.9
1965		43.0	34.4	41.9	58.3	159.2	113.3	51.8	82.8	99.0	33.5	53.5	
1966	90.3	36.6	29.8	53.4	65.4	148.8		112.5	50.8	58.3	54.1	38.9	
1967	33.1	26.0	63.7	139.1	75.7	82.0	125.0	152.0	177.6	227.5	76.6	10.2	1198.5
1968		10.0	41.7	29.0	54.1		74.5	227.8	161.0	151.8	14.3	164.9	
1969	12.3	18.1	10.4	8.2	65.3	234.0	123.2	133.8	118.6	57.2	144.2	31.8	957.1
1970	61.8	6.8		79.0	139.9	165.5	58.7	104.5	164.3	244.6	40.4	131.0	
1971	59.7	208.8	0.0	0.0	61.4	94.1	149.1	154.7	44.7	394.4	64.1	91.8	1322.8
1972	45.3	95.4	82.7	26.1	123.4	118.4	86.0	85.7	88.4	71.5	83.3	29.4	922.6
1973	0.0	1.3	4.0	79.6	124.1	118.6	203.2	170.3	185.2	148.8	258.9	49.3	1340.3
1974	73.8	117.1	20.8	113.6	36.1	145.8	142.5	49.4	121.1	389.1	95.1	47.3	1351.9
1975	8.3	50.1	152.1	244.8	102.0	190.3	147.5	198.8	127.8	181.9	385.9	909.4	2699.0
1976	109.1	1.0	43.4	38.2	205.4	145.3	154.3	307.3	53.3	133.3	549.2	618.4	2358.2
1977	113.8	49.2	56.3	36.3	54.3	99.1	321.9	235.2	210.4	71.8	32.7	169.1	1450.2
1978	137.7	132.2	12.4	205.7	154.5	92.8	81.8	186.3	505.1	377.4	102.2	45.2	2013.1
1979	102.3	80.8	2.5	50.7	171.0	308.0	141.7	28.3	365.5	230.1		87.7	
1980	43.5	86.3	3.2	9.7	82.5	543.8	314.3	107.3	175.8	636.7	505.9	43.6	2532.4
1981	83.0	13.6	85.7	48.8	109.1	134.8	100.0	87.8	127.8	82.7	170.1	48.7	1051.9
1982	9.0	36.3	10.1	29.8	76.1	179.1	70.0	115.1	82.7	125.0	31.6	15.7	780.5
1983	5.8	1.0	2.0	3.3	130.8	158.0	226.0	55.8	270.3	141.8	168.3	138.3	1301.8
1984	105.8	57.6	13.4	68.2	126.2	166.5	109.3	56.9	78.7	315.2	20.0	13.6	1155.4
1985	8.1	66.2	22.8	35.5	99.0	124.5	188.3	4.9	215.5	196.0	68.3	28.9	1044.0
1986	51.8	25.2	98.8	17.2	34.8	38.8	212.3	263.0	161.9	95.5	191.7	10.0	1201.0
1987	15.8	6.2	38.0	0.9	26.3	73.9	242.5	96.7	100.2	55.8	174.5	23.6	858.3
1988	22.7	71.2	50.6	81.4	45.2	100.5	150.6	265.6	101.2	360.8	275.7	35.3	1509.8
1989	12.8	38.0	80.9	91.5	78.4	118.2	97.2	182.1	67.7	91.6	71.6		
1990	30.1	22.1	13.3	66.7	124.8	218.9	69.9	221.3	333.5	186.0	131.2	4.5	1424.3
1991	30.1	19.8	0.0	89.3	117.2	181.1	136.0	86.6	95.6	204.0	49.2	24.7	993.8
1992	18.9	9.8	1.8	17.2	21.0	165.3	176.8	21.0	44.4	262.8	75.5	37.7	643.2
1993	2.8	55.4	6.2	41.2	75.9	139.8	136.5	90.0	29.0	249.4	67.3	43.1	936.4
1994	37.1	64.4	99.2	108.3	97.5	182.3	135.9	318.7	359.2	44.8	57.6	66.4	1533.5
1995	19.3	23.6	52.8	51.1	3.0	149.1	131.5	60.6	293.9	113.2	191.2	141.7	1231.0
MEAN	48.7	47.3	39.6	58.9	89.7	154.3	138.8	131.5	160.5	188.7	137.8	151.7	1362.8

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : SYNOPTIC NO.851, GENERAL SANTOS, SOUTH COTABATO

PERIOD OF TARGET YEARS : 1961 to 1995

TOTAL MONTHLY RAINFALL, IN MILI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1961			6.6	165.4	79.7	52.9	160.0	79.0	98.9	85.4	76.8	117.4	
1962	134.0	102.9	78.3	13.4	112.7	44.1	164.7	33.9	150.6	41.9	216.0	106.4	1218.9
1963	93.1	97.7	41.3	43.8	66.1	82.9	19.0	75.8	55.7	72.3	29.3	38.3	715.3
1964	17.3	154.7	13.4	78.3	108.8	107.3	64.9	49.8	63.0	85.3	126.6	110.5	977.9
1965	92.5	93.1	62.8	54.7	80.3	189.0		22.6	126.5	153.3	101.1	49.7	
1966		46.9	20.4	22.6	102.8	33.2	80.4	84.7	67.9	89.4	121.3	61.6	
1967	111.5	39.3	97.6	44.6	98.9	68.6	73.3	99.9	28.0	129.4	49.8	53.0	892.9
1968	144.0	61.2	16.3	12.5	106.4	114.1	64.6	65.5	155.0	135.1	8.0	83.9	964.6
1969	84.7	20.9	70.5	26.6	69.8	247.9	99.8	36.6	78.9	51.6	51.5	36.5	874.7
1970	15.6	99.9	111.9	7.8	88.2	71.1	126.8	106.7	96.2	285.6	189.2	165.1	1304.1
1971	126.9	86.7	85.5	85.6	101.8	131.2	100.9		50.9	258.8	127.0	94.3	
1972	85.5	78.1	27.5	53.6	33.3	98.2	30.9	135.2	55.3	35.7	104.2	32.9	770.4
1973	0.0	5.4	7.4	55.8	134.0	82.0	77.4	135.1	93.9	97.3	103.0	178.4	947.5
1974	40.2	104.3	55.5	95.3	104.5	62.6	81.2	68.5	55.9	118.4	139.3	105.5	1011.2
1975	54.2	34.5	98.1	80.0	72.7	130.4	78.3	101.8	75.7	92.3	85.5	242.8	1152.3
1976	102.1	60.2	26.2	35.1	38.3	87.1	114.6	96.3	113.4	129.2	48.9	36.3	878.7
1977	54.1	84.7	15.7		11.3	151.5	109.2	165.6	268.5	57.0	34.5	38.5	
1978			23.5	1.0	24.5							73.0	
1979	16.5	9.0	20.5	1.5	36.0	54.0	90.0	28.5	30.5	60.0	29.0	18.0	398.5
1980	93.0	9.8	15.8	48.9	0.0	51.5	35.0	16.0	30.5	163.1	84.0	48.0	593.6
1981	150.6	19.8	18.8	15.2	101.4	77.0	14.0	24.3	111.5	83.0	112.0	35.5	782.9
1982	102.0	117.5	11.1	30.4	49.8	150.3	40.2	188.3	11.5	63.5	47.5	92.0	904.2
1983	15.8	1.8	1.0	12.2	16.0	374.2	444.5	72.7	113.2		68.6	33.7	
1984	81.5	142.2	104.1	33.3	37.1	439.1	86.4	67.7	82.0	61.1	57.6	56.1	1250.2
1985	21.5	52.4	42.3	144.9	47.3	29.8	154.6	86.6	105.0	201.5	87.8	80.8	1036.5
1986	50.3	71.6	54.3	78.1	124.8	148.0	129.5	65.0	128.9	56.1	67.7	3.4	951.7
1987	60.6	143.1	0.0	15.0	69.2	67.5	124.4	127.2	38.8	110.7	35.2	8.1	819.8
1988	31.8	78.1	13.4	66.8	88.4	59.7	153.1	48.8	159.4	117.9	144.8	61.5	1027.8
1989	12.1	145.4	97.0	142.8	65.5	102.0	51.8	98.8	77.2	135.1	85.3	28.4	1039.4
1990	35.9	21.0	39.2	73.0	133.1		55.1	37.9	153.3	23.8	65.7	25.7	
1991	48.9	18.7	2.5	12.4	87.9	96.2	66.0	58.4	67.7	34.5	26.5	42.2	561.9
1992	1.9	1.2	10.8	2.8	21.0	122.0	36.5	60.9	53.3	107.3	87.1	35.0	619.9
1993	80.1	41.6	49.5	75.8	81.6	42.1	158.3	61.2	82.7	148.1	63.3	156.3	1040.6
1994	87.7	65.3	97.6	63.9	71.7	168.4	24.0	148.9	43.5	8.0	38.4	59.4	878.6
1995	97.9	9.9	42.9	27.0	56.8	88.2	150.4	118.7	117.0	117.8			
MEAN	67.2	64.8	41.8	50.5	72.6	115.5	99.4	89.8	87.8	105.6	81.6	70.7	908.6

Note : Blank means that the data are not available





NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : AGUS 2 COMPOUND, PAWAK, SAGUIARAN, LANA O DEL NORTE

PERIOD OF TARGET YEARS : 1990 to 1996

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1990	205.0	44.6	65.9	74.7	285.0	244.2	328.9	244.7	297.7	330.8	439.9	241.7	2903.1
1991	150.9	115.3	82.9	175.4	272.2	325.5	300.8	154.1	187.9	159.8	93.9	69.0	2074.9
1992	74.5	15.7	43.5	18.8	278.7	301.9	329.5	129.0	280.6	182.4	181.5	183.5	1996.6
1993	112.7	272.8	111.5	49.9	90.1	215.9	343.5	349.4	339.1	325.7	278.8	568.8	3054.0
1994	82.7	103.6	210.4	158.7	426.0	728.9	185.5	318.8	196.9	132.7	182.1	147.6	2834.1
1995	190.2	70.8	175.8	149.5	400.9	439.4	275.3	565.1	410.5	377.5	372.8	668.9	4104.7
1996	381.9	481.4	137.8	210.0	319.8	584.2	357.9	555.0	504.2	389.0	303.0	210.1	4540.1
MEAN	172.0	153.6	126.5	119.8	294.2	405.7	303.2	327.8	318.7	271.1	268.8	295.3	3058.2

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : ALOON, PANTAO RAGAT, IANAO DEL NORTE

PERIOD OF TARGET YEARS : 1986 to 1995

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1986	451.1	65.0	126.6	45.8	65.6	354.0	346.8	51.0	362.0	205.0	343.0	71.2	2497.9
1987	167.2	257.2	0.0		136.8	292.4	238.8		55.8	119.6	382.2	83.4	
1988	54.2		83.0	139.0	374.0	168.8	292.2	341.3	221.2	153.4	284.0	202.0	
1989	226.6	170.2	246.6	165.6	326.6	267.8	266.6	194.4	299.8	93.2	254.6	147.8	2678.6
1990	170.4	28.6	46.0	42.8	421.4	257.2	181.6	164.6	240.7	261.4	332.4	150.4	2377.5
1991	100.8	141.0	101.6	126.8	146.6	296.7	211.4	123.8	105.6	66.2	192.0	49.2	1665.7
1992		18.2	0.0	21.0	167.4	293.4		179.8	136.5	162.0	237.2	91.0	
1993	100.8	335.3	82.6	70.4	63.8	186.0	362.2		316.2	315.4	342.0		
1994	66.0		102.0	143.0	239.0	394.2	139.6	187.8	142.4		43.0	119.0	
1995	152.8	32.2	127.8	41.0	142.4	173.0	84.6	317.2	90.0	280.0	262.0	572.8	2220.8
MEAN	159.1	133.6	92.2	86.8	268.8	271.3	236.0	197.5	197.2	187.4	267.2	165.7	2236.3

Note : Blank means that the data are not available



STATION NAME : MC COMPOUND, DITUCALAN, ILIGAN

PERIOD OF TARGET YEARS : 1964 to 1996

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1964											187.5	135.6	
1965	432.9		268.0		109.0	167.4	254.8		137.4	118.9	201.9	117.3	
1966	43.2	76.7	24.4	52.8	155.4	224.8	328.7	124.1		189.2	87.1	74.7	
1967	107.4	103.2	181.8	33.4	15.2	155.2	204.6	162.2	113.5	83.3	94.1	162.4	1392.7
1968	163.7	88.8	36.4	69.0	119.4	130.7	125.5	132.6	54.2	139.2	54.2	253.7	1403.2
1969	64.4	15.7	65.0	82.6	150.1	185.8	113.3	153.2	121.8	74.4	124.8	147.4	1287.6
1970	178.9	145.4	50.8	22.6	110.3	327.0	214.1	108.0	68.9	262.4	153.7	86.0	1758.1
1971	224.1	1298.4	147.9	29.2		362.2	74.4	179.0	130.6	269.2	193.2	60.9	
1972	144.1	11.1	166.6	125.5	69.8	201.3	29.6	114.6	208.2	34.2	96.0	177.3	1398.7
1973													
1974													
1975													
1976													
1977													
1978	104.1	43.1	17.4	92.5	111.4	101.7	119.2	66.9	196.1	78.2	42.8	45.0	1023.4
1979					107.2	388.7		55.9	277.2	219.6	38.2	121.6	
1980	272.9		9.5	45.3	56.4	76.0	197.7	182.8	101.4	327.7	153.0	300.6	
1981	290.1	41.7	159.6	12.8	139.5	103.4	203.4	14.9	108.1	32.5	171.1	20.1	1288.0
1982	329.4	128.5	50.6	18.4	7.7	104.7	19.4	66.7	37.2	20.6	24.0	20.5	855.7
1983	22.8	3.3	2.8	0.8	19.2	67.5	67.7	63.3	239.5	252.4	294.9		
1984	202.6	157.2	72.4	124.6	134.5	117.6	22.3	35.4		276.2	216.9	414.3	
1985	256.5	15.3	18.6	63.4	131.9	41.3	143.9	69.1	116.0			222.0	
1986	776.2	83.1	116.3	0.8	0.3	96.3	218.5	21.7	100.1	93.4	90.7		
1987	214.4	342.0	25.0	0.0	135.0	57.0	135.7	226.4	123.4	125.9	196.6	218.6	1790.0
1988	96.6	151.9	114.8	128.7	135.2	167.4	360.0	291.5	222.7	112.6	269.9	261.7	2341.2
1989	199.8	138.4	106.6	89.8	111.3	81.2	39.2	94.4	121.6	170.2	219.9	183.3	1569.6
1990	110.0	1.3	27.4	50.1	151.4	290.8	103.2	153.3	111.0	117.4	331.7	215.6	1863.2
1991	63.8	73.3	65.4	138.6	114.6	129.7	187.4	50.9	209.0	26.0	37	1.9	1024.3
1992	2.2	2.6	11.1	0.1	72.2	200.2	261.2	60.2	54.2	280.4	138.9	126.4	1219.7
1993	36.1	236.7	74.3	13.4	43.8	46.4	263.1	183.9	68.0	275.0		232.0	
1994	25.0	50.2	57.0	102.5	125.2	243.0	173.2	145.1	83.0	175.9	150.4	51.0	1396.5
1995	94.8	19.6	50.2	78.0	167.2	147.5	229.3	333.3	250.2	164.0	169.3	258.4	1961.8
1996	262.2	246.0	29.0	91.0	83.0	353.0	82.0	152.0					
MEAN	164.8	146.0	75.3	57.5	99.1	170.6	165.8	125.4	138.4	156.6	147.4	157.3	1458.8

Note : Blank means that the data are not available



STATION NAME : CANASSI, , IANAO DEL SUR

PERIOD OF TARGET YEARS : 1978 to 1995

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1978	73.7	246.2	129.7	167.7	299.8	401.3	253.9	249.0	480.1	657.8	333.8	195.6	3487.8
1979	61.0	119.8	267.0	233.7	334.9	594.3	652.9	579.1	269.6	718.9	168.0	104.2	4135.4
1980	276.8	25.5	55.9	56.0	124.5	835.3	363.4	355.6	363.0	388.2	213.4	208.1	3073.7
1981	144.9	38.1	71.1	188.1	330.0	231.3	157.5	441.8	299.6	261.8	269.7	69.0	2543.1
1982	106.7	218.6	83.6	330.4	284.5	960.6	322.5	777.3	591.6	132.1	342.9	144.8	4316.8
1983	111.6		43.7	73.7	289.7	305.0	528.4	143.6	602.1	320.2	332.9	205.8	
1984	134.6	160.1	119.4	412.0	449.7	315.0	147.3	490.3	118.8	475.1	332.7	85.6	3238.6
1985	124.5	116.8	116.8	231.1	187.6	226.1	121.9	116.8	482.3	548.6	294.6	152.4	2700.8
1986	322.6	76.2	114.3	134.6	209.7	238.2	1005.8	1332.6	563.9	243.8	10.2	603.0	4843.9
1987		19.0		121.0	451.7	334.0	660.0	133.0	402.0	90.0	73.0	37.0	
1988	24.0	50.0	58.0	73.0	107.0	202.0	116.0	91.0	95.0	285.0	181.0	56.0	1340.0
1989	36.0	53.0	100.0	70.0	118.0	111.0	139.0	432.0	264.0	260.0	113.0	83.0	1798.0
1990	49.0	48.0	56.0	39.0	173.0	320.0	145.0	675.0	194.0	159.0	254.0	29.0	2152.0
1991													
1992	148.0	18.0	42.0	117.0	255.0	409.0	379.0	382.0	174.0	247.0	135.0	30.0	2316.0
1993													
1994	23.0	8.0	24.0	79.0	192.0	114.0	327.0	63.0	215.0	107.0	71.0	96.0	1279.0
1995	25.0	21.0	85.0	101.0	175.0	334.0	363.0	195.0	368.0	163.0	203.0	180.0	2213.0
MEAN	110.6	60.5	61.6	153.5	247.1	359.3	355.4	402.3	343.9	317.2	210.5	141.3	2817.0

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : LUMBAC, GANASSI, IANAO DEL SUR

PERIOD OF TARGET YEARS : 1979 to 1995

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1979												88.0	
1980	389.6	46.4	77.8	84.4	211.2	756.7	369.8	274.0	357.2	452.0	201.0	169.2	3419.3
1981	231.2	100.8	153.2	288.4	543.6	223.4	189.0	687.4	268.4	131.2	434.2	58.0	3306.6
1982	153.6	218.4	121.2	332.0	187.6	956.2	416.4	872.8	258.2	136.8	151.0	190.8	3994.6
1983													
1984													
1985													
1986													
1987		8.2		520.6	1054.0	337.2	1059.2	483.2	1448.0	725.2	220.0	25.0	
1988	41.4	185.2	113.4	158.6	377.4	379.1	323.4	217.4	317.4	491.2	385.8	97.8	3086.1
1989	45.8	57.0	178.2	816.2	350.4	239.6	203.2	732.6	381.8	327.6	261.4	152.0	3743.8
1990	78.4	113.0	187.2	112.4	554.6	568.2	257.6	1903.2	199.8	208.8	454.1	48.2	3814.3
1991	32.8	45.0	31.0	83.0	103.0	138.0	306.0	253.0	57.0	350.0	107.0	40.0	1581.6
1992	126.0	17.0	32.0	139.0	166.0	370.0	399.0	331.0	155.0	195.0	136.0	36.0	2102.0
1993	66.0	81.0	79.0	158.0	180.0	283.0	195.0	265.0	63.0	178.0	192.0	95.0	1833.0
1994	29.0	19.0	25.0	68.0	183.0	184.0	297.0	78.0	212.0		75.0	53.0	
1995	28.0	13.0	75.0	77.0	151.0	295.0	342.0	187.0	325.0	168.0	194.0	162.0	2021.0
MEAN	111.8	75.0	87.4	236.0	338.5	391.7	362.3	448.7	336.8	313.5	235.1	93.4	2887.5

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : LUMRA-A, BAYARAO, LANA O DEL SUR

PERIOD OF TARGET YEARS : 1989 to 1993

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1989						327.0	256.5	141.5	232.0	141.0	297.0	80.0	
1990	192.5	30.0	80.5	171.5	354.0	313.5	105.0	238.5	153.5	240.5	324.0	79.0	2282.5
1991	108.0	94.5	174.0	139.0	312.5	399.5	202.0	185.5	247.0	455.0	452.0	280.0	3069.0
1992	257.0	82.0	269.5	483.0	562.0	627.0	600.0	454.0	891.0	334.0	397.0	279.0	5235.5
1993	137.0	317.0	218.0	415.5	427.0	488.0	444.0	206.0	348.5	503.0	270.5	335.4	4105.9
MEAN	173.5	130.9	188.0	302.3	413.0	430.8	321.5	247.1	374.0	334.7	348.1	212.7	3675.7

Note : Blank means that the data are not available



STATION NAME : LUMBATAN, , IANAO DEL SUR

PERIOD OF TARGET YEARS : 1974 to 1995

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1974	257.1	278.3	101.7	169.5	269.4	232.2	245.3	110.6	250.8	519.7	152.7	0.0	2584.4
1975	100.7	249.8	327.1	251.7	944.1	345.7	450.9	81.6	345.5	248.1	228.1	227.1	3798.4
1976	152.9	124.2	187.8	138.4	408.3	257.3	138.3	193.6	189.4	250.0	142.0	101.0	2269.2
1977	72.6	150.5	54.7	179.2	91.1	266.3	179.2	222.8	345.7	390.1	93.2	43.0	2091.4
1978	76.0	91.9	21.7	282.4	126.5	323.3	73.8	45.6	209.3	562.2	113.2	94.4	2022.3
1979	79.2	37.3	65.5	69.1	154.8	146.0		146.1	222.9	391.1	206.2	339.5	
1980	330.4		118.3	28.8	41.0	109.5	118.0						
1981													
1982		82.3	45.2	44.9	42.7	76.3	90.6	132.4	87.4	26.0	54.6	26.7	
1983	28.8				128.3	132.8	166.9	109.3	195.7	71.8	61.3	184.7	
1984	81.7	99.8	43.7	47.3	98.2	76.4	68.7	100.2	106.2	89.7	158.1	92.5	1066.8
1985	88.5	20.6	18.8	19.1	56.8	77.4	142.2	48.5					
1986		41.0	45.2	75.3	200.5	168.6	294.2	183.2	172.9	176.9	199.3	18.1	
1987	70.1	11.9	9.6	107.8	75.9	94.8	107.6	39.4	115.0	138.8	102.3	20.1	825.1
1988	33.4	27.7	63.4	48.4	29.4	198.3	77.0	108.3	107.4	162.8	91.2	32.8	881.1
1989	82.1	70.1	48.9	38.5	77.9	135.9	193.5	154.6	115.9	193.5	56.5	26.3	1195.7
1990	38.2	14.2	13.7	14.3	145.5	31.3	55.7	191.8	274.2	109.8	520.9	40.8	1448.2
1991	170.6	13.0		77.0	108.0	164.0	258.0	235.0	53.0	292.0			
1992													
1993	54.0	91.0	54.0	148.0	168.0	225.0	204.0	282.0	71.0	177.0	171.0	129.0	1774.0
1994	36.0	14.0	23.0	83.0	213.0	161.0	286.0	84.0	164.0	105.0	79.0	77.0	1305.0
1995	36.3	28.0	55.0	82.0	167.0	324.0	424.0	228.0	327.0	255.0	164.0	191.0	2229.0
MEAN	96.5	80.2	74.0	99.1	177.1	180.4	187.8	141.6	187.0	228.6	152.3	96.8	1814.5

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : MAPANTAO, , LANA O DEL SUR

PERIOD OF TARGET YEARS : 1989 to 1995

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1989						566.1	345.1	454.0	626.4	513.1	562.9	373.2	
1990	257.5	216.4	293.1	140.9	288.3	329.9	215.3	402.1	305.2	347.7	481.2	175.8	3413.3
1991	187.1	158.9	48.5	78.4	260.1	515.0	285.1	194.2	146.4	198.3	213.8	53.4	2322.1
1992	67.0	21.6	23.3	181.1	308.4	432.0	411.4	344.4	261.2	179.7	164.8	148.9	2521.6
1993	126.0	169.5	87.8	104.4	266.5	339.0	378.5	163.1	372.8	253.7	422.7	526.7	3200.5
1994	223.5	41.3	231.2	399.8	390.0	335.5	207.9	325.5	317.3	214.4	201.1	110.5	3047.8
1995	117.8	84.4	142.3	159.3	258.7	408.3	257.2	282.2	263.2	281.2	272.5	319.7	2846.8
MEAN	159.8	115.3	137.3	173.9	292.0	425.3	309.1	307.8	327.8	254.0	328.4	243.7	2892.1

Note : Blank means that the data are not available





NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : TARAKA, , LANAO DEL SUR

PERIOD OF TARGET YEARS : 1973 to 1995

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1973	8.4	140.2			176.8	253.3	275.0	210.2	360.1	273.0	315.1	123.7	
1974	166.9	190.3	53.1	201.0	211.9	281.3	200.4	168.0	335.6	385.9	233.2	240.5	2666.1
1975	143.2	134.6	54.9	92.6	340.2	467.5	472.4	113.2	273.3	259.9	104.2	229.9	2685.9
1976	227.6	157.7	233.2	128.5	336.6	365.7	193.5	416.5	221.2	422.2	273.5	236.6	3214.8
1977	121.1	175.8	209.6	111.4	134.6	342.5	432.7	322.2	166.3	274.5	191.3	161.9	2963.9
1978	82.6		49.3	73.3	124.4	207.9	166.9		155.2	207.4	348.1	38.1	
1979		43.6	90.5	51.0	169.8	531.1	308.9	282.7	192.2	284.8	180.3	226.9	
1980	155.4	77.5	23.4	120.4	64.3	381.9	181.5	268.0	258.2	175.2	246.5	206.6	2190.9
1981	175.4	96.6	72.9	43.9	320.0	191.8	91.5	137.7	335.2	170.4	311.2	26.7	1973.3
1982	161.0	203.0	66.6	90.1	193.7	288.0	111.7	230.8	114.3	187.1	179.6	67.1	1673.0
1983	11.4	9.1	30.5	14.3	326.3	236.4	278.4	180.7	379.8	275.5	131.8	97.6	1973.0
1984	287.0	92.0	123.2	171.3	325.9	169.9	110.5	96.1	118.8	132.9	213.3	204.4	2650.3
1985	67.3	89.7	73.7	251.2	119.4	92.9	84.9	99.1	67.5	216.0	168.3	100.1	1446.1
1986	283.1	45.2	20.9	29.2	16.5	148.2	178.1	171.6	127.5		117.1	49.3	
1987	111.9	161.9	11.1	21.6	70.4	209.0	295.5	189.2	156.0	64.5	195.1	78.8	1604.0
1988	41.9	44.0	49.6	36.1	82.5	117.6	52.6	66.6	98.0	30.5		65.7	
1989	79.8	66.6	78.2	128.0			49.9	143.7	203.3	177.0	208.6	63.6	
1990	109.7	18.0	137.6	113.0	207.0	263.8	83.4	288.2	141.7	198.0	250.7	85.2	1896.3
1991	120.5	89.4	66.2	97.0	232.7	252.5	104.7	184.7	170.3	258.0			
1992	85.4	42.2	12.4	118.2	212.2	216.1	343.2	116.0	145.7	159.1	178.2	196.7	1804.4
1993	53.5	170.3	120.9	180.6	257.9	165.4	234.6	202.2	172.2	300.5	354.6	251.6	2484.5
1994	63.1	68.2	146.5	233.0	308.7	352.8	124.7	164.6	301.4	188.5	152.0	114.2	2250.7
1995	110.7	123.8	154.0	211.7	300.7	342.0	579.6	617.6	504.1	453.0	364.0	430.4	4191.6
MEAN	122.1	101.3	86.7	114.5	205.2	263.1	216.3	214.4	216.5	231.6	225.7	149.4	2319.8

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : BAYILANAN, TAIKAG, BUKIDNON

PERIOD OF TARGET YEARS : 1992 to 1994

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1992	0.0	0.0	0.0	0.0	110.8	210.9	224.8	57.2	57.5	61.5			
1993	42.0	38.0	9.5	104.8	151.8		97.3	32.4	36.3	41.3	21.6	80.8	
1994	24.3	20.0	24.2	47.0	49.7	119.1	63.6	60.2		20.6	44.2	35.3	
MEAN	22.1	19.3	11.2	60.5	104.1	165.0	128.5	49.9	45.9	41.1	33.0	57.9	

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : CAPIHAN, LIBONA, BUKIDNON

PERIOD OF TARGET YEARS : 1992 to 1994

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1992	92.4	22.4	14.8	88.9	377.4	584.2	827.3	315.8	689.9	450.9	282.6	142.2	3688.6
1993	110.4	266.8	124.4	141.8	219.7	320.8	818.4	526.6	613.4	304.0	312.2	422.0	3930.3
1994	252.5	130.1	313.8	398.4	368.9	655.1	259.1	383.6	459.1	325.0	230.8	192.7	3977.9
MEAN	151.8	139.8	151.0	209.0	322.3	520.0	501.8	408.8	590.8	360.0	275.1	252.3	3882.3

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : DAGUPDURAN, TALAKAG, BUKIDNON

PERIOD OF TARGET YEARS : 1937 to 1991

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1937	190.8	48.3	27.9	0.0	203.2	89.8	56.3	57.2	358.1	642.5	487.0	187.0	2389.9
1938	71.3		416.5	804.3	445.0	489.9	487.0	319.7	429.1	1087.3	571.5	1033.4	
1939													
1990	66.6	20.9	70.0	203.0	478.2	155.7	241.8	121.4	432.0	296.0	434.1	34.9	2524.6
1951	79.7		29.3	8.4	233.8	135.8	87.2	102.7	79.3	81.7	47.7	89.4	
MEAN	102.1	34.8	135.9	203.4	340.1	212.8	223.8	150.3	324.6	521.9	377.6	338.7	2447.3

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : DABONAN, ENDULANG, TALAKAG, BUKIDNON

PERIOD OF TARGET YEARS : 1994 to 1994

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1994	125.1	188.9	500.2	651.8	620.5	553.3	372.1	443.3	508.8	355.4	248.7	276.9	4941.0
MEAN	125.1	188.9	500.2	651.8	620.5	553.3	372.1	443.3	508.8	355.4	248.7	276.9	4941.0

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : DOMINOROG, TALAKAG, BUKIDNON

PERIOD OF TARGET YEARS : 1992 to 1994

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1992	143.0		4.0		165.0	288.0	217.0		264.0	100.0	84.0	129.0	
1993	89.0	238.0	149.0	69.0	320.0	479.0	230.0	350.0	244.0	207.0			
1994	83.0	126.0	131.0	126.0	300.0	173.0	39.0	136.0	230.0	91.0	155.0		
MEAN	95.3	172.0	94.7	132.5	251.7	312.7	152.0	258.0	248.0	132.7	114.5	129.0	

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : KIBANSAG, TALAKAG, BUKIDNON

PERIOD OF TARGET YEARS : 1992 to 1994

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1992	170.0		150.0		1211.0	1337.0		644.0	995.0	1182.0	888.0	251.0	
1993	251.0		703.0	437.0		1485.0	1452.0	997.0	1348.0	893.0			
1994				849.0	1169.0								
MEAN	210.5		431.5	643.0	1190.0	1411.0	1452.0	820.5	1172.0	1037.5	888.0	251.0	

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : LIBORAN, BAUNGON, BUKIDNON

PERIOD OF TARGET YEARS : 1992 to 1994

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1992	110.0	40.0	280.0	0.0	1164.0	2282.0	309.8	169.8	177.6	308.2	42.2	77.0	4980.4
1993	482.0	1790.0	748.0	410.0	724.0	1384.0	2548.0	1998.0	5138.0	1956.0	2324.0	1938.0	21438.0
1994	568.0	646.9	694.0	1528.0		4834.0	2232.0	3360.0	1326.0	2022.0	422.0	212.0	
MEAN	388.0	892.0	574.0	646.0	944.0	2853.3	1695.9	1749.3	2213.9	1426.7	929.4	742.3	13209.2

Note : Blank means that the data are not available





NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : MENZI COMPOUND, TALAKAG, BUKIDNON

PERIOD OF TARGET YEARS : 1987 to 1991

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1987	47.3	37.2	23	38.8	79.7		218.7	151.0	115.9	43.5	31.1	11.0	
1988	11.4		158.7	41.4	106.4	91.5	130.1	130.8	522.8	211.5	330.3	235.4	
1989	150.9	70.9	77.2	105.8	277.8	440.3	191.4	255.7	427.5	312.2	197.8	192.3	2708.4
1990	32.5	0.0	101.5	21.3	421.7	332.9	279.5	125.8	284.4	282.1	381.4	121.5	2364.8
1991	97.5	134.9	94.3	195.8	194.4	188.5	233.1	148.0	172.8	144.5	145.9	23.5	1773.0
MEAN	67.9	62.8	60.8	78.8	214.8	263.3	210.6	192.3	304.6	199.8	213.3	116.7	2282.0

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : TAMPOLONG, TALAKAG, BUKIDNON

PERIOD OF TARGET YEARS : 1987 to 1991

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1987	103.5	258.5	85.4		254.2	450.0	367.3	498.1	141.7	400.8	259.2	399.3	
1988	133.4		243.4	397.6	299.1	277.0	236.7	425.7	468.2	375.8	313.3	174.1	
1989	212.7	113.3	272.8	256.8	503.0	337.6	268.1	261.7	318.3	312.6	277.9	66.1	3230.9
1990	135.3	95.9	148.2	150.7	532.8	263.1	299.5	414.9	580.8	504.2	426.8	293.3	3825.5
1991	127.4	246.1	188.9	362.4	362.7	380.3	310.7	89.3	284.4	319.0	451.6	309.7	3432.5
MEAN	142.5	180.9	184.3	291.9	396.4	341.6	296.1	343.9	354.7	394.5	345.8	248.9	3456.3

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : TICATAAN, TATAKAG, BUKIDNON

PERIOD OF TARGET YEARS : 1987 to 1994

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1987	27.0	20.0	15.3	34.2	270.8	210.4	419.6	615.0	609.1	404.1	327.4	190.0	3148.8
1988	70.8		258.1	433.2		351.1	310.5	498.8	380.4	151.3	221.0	190.0	
1989	188.8	124.3	334.8	282.4	440.2		509.0	408.3	344.2	247.9	340.5	223.4	
1990	265.3	55.4	21.1	230.0	537.0	719.4	555.1	408.0	627.8	555.0	560.0	58.0	4872.8
1991	252.0	270.4	178.0	249.1	332.0	304.3		167.4	214.0			212.0	
1992													
1993													
1994	301.0		245.0	502.0	713.0	1011.0		1182.0	545.0				
MEAN	188.8	120.0	175.3	268.5	458.6	531.2	448.5	548.0	470.0	344.5	364.5	185.1	3910.8

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : UGUIABAN, , CAGAYAN DE ORO

PERIOD OF TARGET YEARS : 1987 to 1991

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1987	48.2	67.1	0.0	33.0	71.1	107.5	499.4	367.5	178.6	44.9	136.1	261.2	1752.6
1988	13.5		53.3	80.8	263.6	352.4	203.9	142.2	508.1	232.0	250.7	132.9	
1989	117.6	18.6	325.5	159.1	534.9	578.4	275.2	307.9	262.1	139.0	89.8	196.6	3028.7
1990	49.8	0.0	0.0	0.0	256.2	259.2	145.6	331.2					
1991	44.3	107.6	60.3	164.7	130.1	244.7	294.4	79.0	83.9	270.4	125.5	13.1	1618.0
MEAN	53.1	48.4	87.8	87.5	251.2	314.2	283.7	245.6	262.2	171.6	150.5	128.9	2132.4

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : CAYAYAN, TALAKAG, BUKIDNON

PERIOD OF TARGET YEARS : 1992 to 1994

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1992	75.6	28.0	55.0	114.0	583.5	819.5	553.8	262.4	345.0	318.0	265.9	279.0	3561.8
1993	70.3	489.8	250.8	152.6	284.4	287.7	826.1	325.0	534.5	392.7	441.8	530.2	4384.1
1994	83.7	178.9	247.8	401.3	521.0	750.7	151.4						
MEAN	78.5	231.2	134.7	222.9	463.0	552.6	443.8	283.7	439.8	355.4	353.9	404.6	3942.8

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : KIBULAG, TALAKAG, BUKIDNON

PERIOD OF TARGET YEARS : 1992 to 1993

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1992	29.1	107.8											
1993		21.4	20.7										
MEAN	29.1	64.6	20.7										

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : MABUNGA, BAUNGON, BUKIDNON

PERIOD OF TARGET YEARS : 1993 to 1994

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1993	116.0	388.0	153.0	141.0	195.0	255.0	701.0	474.0	654.0	405.0	343.0	603.0	4828.0
1994	246.0	281.0	375.0	479.0	417.0	858.0	521.0	440.0	424.0	169.0	210.0	145.0	4546.0
MEAN	181.0	335.0	264.0	310.0	306.0	557.0	611.0	457.0	529.0	287.0	275.0	374.0	4586.0

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : MIRAYON, TALAKAG, BUKIDNON

PERIOD OF TARGET YEARS : 1992 to 1994

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1992	221.0		58.7	87.8	114.8	187.3	637.4	580.5	186.4	429.2	176.3	91.9	
1993	103.7	333.6	118.8	110.4	72.7	330.3	441.4	446.6	430.1	344.1	255.8		
1994	68.2	136.3	188.6	324.5	385.5	591.1	152.6	373.3	872.3	110.3	17.5	62.9	3262.9
MEAN	131.0	234.8	122.3	174.2	184.3	362.9	410.5	466.8	489.8	294.5	149.9	77.4	3262.9

Note : Blank means that the data are not available





## NATIONAL WATER RESOURCES BOARD

## MONTHLY RAINFALL TABLE

STATION NAME : OWL, KANOLO FORTICH, BUKIDNON

PERIOD OF TARGET YEARS : 1977 to 1994

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1977				12.2	182.3	305.0	356.4	274.0	810.3	691.0	538.3	83.9	
1978	320.1	176.3	213.6	134.0	272.5	335.1	403.4	431.2	351.6	463.0	321.2	301.4	3766.3
1979	103.1	52.6	116.8	185.1	243.9	228.8	182.8	55.2	209.8	178.4	32.8	127.2	1684.4
1980	145.6	72.2	0.4	46.6	67.2	360.4	141.0	276.6	272.6	204.0	128.0	266.4	1961.2
1981	197.4	70.4	38.0	9.2	97.8	182.4	238.6	82.6	202.4	108.8	54.6	107.4	1349.4
1982	170.4	67.2	61.8	32.2	92.0	43.8	157.0	133.4	106.6	144.0	49.2	28.6	1068.0
1983	7.0	2.0	1.8	0.0	23.8	102.6	155.0	114.6	127.0	42.8	94.6	67.6	738.8
1984	63.2	117.6	65.0	105.6	168.8	121.0	200.8	76.0	116.0	137.2	104.6	105.0	1381.0
1985	64.0	41.6	9.0	88.8	64.2	64.8	137.6	87.2	158.0	97.6	106.0	73.2	1022.0
1986	157.0	14.6	72.0	22.6	48.4	196.0	148.8	91.4	161.4	78.8	145.2	14.8	1149.0
1987	28.2	109.4	43.2	10.2	33.0	65.6	202.8	95.6	163.6	142.6	165.8	72.0	1153.0
1988	10.6	27.0	11.6	59.0	132.2	195.0	111.2	151.4	160.8	329.4	120.8	140.4	1449.4
1989	95.2	38.4	119.8	89.4	167.6	194.6	221.8	173.6	107.6	82.2	82.2	33.8	1396.8
1990	24.4	10.6	4.8	7.6	229.2	65.2	108.6	148.2	211.6	48.4	122.4		
1991	31.8	35.6	45.8	13.0	42.0	109.8	110.0	117.8	58.0	101.8	19.0	13.6	703.2
1992	11.0	0.0	6.0	0.0	40.0	48.6	136.4	39.6	222.0	85.2	42.0	41.2	677.0
1993	56.0	119.2	42.6	27.4	26.2	83.6	143.6	168.2	75.6	40.0	67.6	101.6	972.0
1994	78.6	86.4	64.2	72.4	13.2	142.6	42.6	147.6	170.4	12.6	27.8	31.4	870.0
MEAN	92.0	60.2	53.5	53.1	108.5	158.1	177.8	146.8	204.8	166.0	124.5	95.0	1339.1

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : SANTIAGO, MANOLO FORTICH, BUKIDNON

PERIOD OF TARGET YEARS : 1977 to 1994

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1977						300.2	757.3	463.4	163.7	263.5	478.9	57.2	
1978	200.2	29.3	32.4	166.8	176.0	378.4	299.0	265.2	189.6	108.4	148.1	147.8	2117.2
1979	73.7	18.8	32.5	32.0	248.4	288.0	711.7	117.2	371.7	394.2	301.8	267.2	2879.0
1980	301.4		38.1	99.9	286.3	391.1	301.2	435.2	318.5		214.3	405.6	
1981	624.0	162.4	12.1	43.2	551.2	111.7	114.2	71.1	274.5	184.9	139.6	190.0	2478.9
1982	161.7	138.8	292.1	243.4	361.3	369.7	291.3	283.3	364.7	129.7	215.5	83.8	2653.3
1983	161.6	0.0	11.4	0.0	209.6	325.8	261.6	272.6	210.1	154.8	235.9	121.7	1935.1
1984	112.5	139.6	29.9	248.3		91.1	185.0	22.7	175.0	192.6	123.4	37.9	
1985	182.2	40.5	10.1	50.6	243.1	184.9						93.6	
1986	129.2	22.8	45.5		96.6	146.5	189.0	60.6	55.5	116.4	44.2	27.8	
1987	2.5	10.0	10.2	2.5	149.5	124.0	43.3	451.3	427.7	204.3	95.4	82.6	1803.3
1988	11.1	54.1	95.9	201.0	235.2	327.0	350.2	487.3	457.1	573.0	297.8	321.7	3411.4
1989	200.8	142.2	437.6	112.4	703.8	637.0	340.5	432.3	269.8	268.4	174.6	79.7	3789.3
1990	159.0	14.2	93.3	66.3	461.8	508.5	378.3	238.7	391.0	398.8			
1991	182.0	69.1	155.7	186.6	137.1	228.1	301.1	174.4	136.7	243.1	78.5	34.3	1946.7
1992	65.6	40.0	12.2	113.2	446.9	312.8	479.6	268.4	331.3	422.5	120.0	97.7	2729.2
1993	117.9	253.7	189.8	129.6	97.1	424.8	356.9	217.1	340.5	392.9	160.3	516.2	3211.8
1994	57.0	169.7		175.0	495.1	498.8	117.3	456.8	377.1	292.5	55.2	162.3	
MEAN	159.6	82.9	91.8	119.4	307.6	313.9	319.3	276.5	286.7	271.8	181.2	160.6	2641.3

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : MALIKO, NONOLO FORTICH, BUKIDNON

PERIOD OF TARGET YEARS : 1974 to 1994

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1974									260.8	376.8	178.4	256.8	
1975	279.4	147.8	155.0	182.7	423.4	443.7	224.5	205.1	295.8	297.5	201.2	131.0	2817.1
1976	267.9	118.9	53.3	100.0	197.8	255.5	101.4	267.7	178.4	178.2	267.0	129.1	2115.0
1977	120.0	272.2	78.1	19.1	174.7	253.7	433.5	333.4	152.6	131.7	215.1	43.1	2238.2
1978	126.2	72.1	95.7	111.0	124.4	332.8	229.1	418.8	152.6	131.7	215.1	43.1	2058.8
1979	49.9	19.7	55.6	42.0	208.8	483.2	296.2	99.8	143.0	183.4	181.0	190.1	1955.5
1980	198.6	125.6	14.5	135.1	120.0	432.8	156.9	354.1	238.8	288.4	197.8	293.7	2511.3
1981	513.5	114.1	52.4	16.0	230.9	214.4	298.4	50.3	268.6	168.9	117.9	96.8	2140.0
1982	415.5	231.2	152.4	46.7	206.3	214.4	192.8	159.8	275.2	165.8	115.4	96.8	2271.8
1983	23.1	4.1	12.5	0.0	74.1	298.1	355.1	248.5	361.1	221.0	155.7	123.5	1887.6
1984	128.4	155.2	187.6	291.4	472.1	479.5	212.5	210.7	526.1	290.3	149.0	170.4	3273.2
1985	261.6	91.5	49.8	190.9	302.5	198.1	278.1	190.1	358.0	261.3	202.5	337.9	2712.5
1986	322.3	69.4	102.5	42.4	180.7	398.8	245.8	206.4	189.5	282.1	342.5	126.0	2511.2
1987	69.9	243.7	82.8	25.9	150.3	114.1	224.4	240.4	144.2	114.1	181.3	151.2	1772.3
1988	38.7	86.5	64.1	153.2	187.8	255.1	194.7	269.3	350.9	571.0	243.0	348.1	2778.4
1989	130.5	88.6	215.5	193.8	442.8	531.1	408.5	362.7		110.1	157.8	113.3	
1990	137.0	12.0	37.0	113.7	331.6	347.6	175.5	196.9	422.8	308.2	518.8	93.7	2683.8
1991	120.8	58.2	66.8		69.4	172.3	350.8	174.4	136.7	245.1	78.5	55.1	
1992	29.9	15.2	8.3	25.0	150.8	237.1	499.3	165.9	182.2	514.3	157.5	99.9	2024.4
1993	63.7	245.9	198.2	115.4	54.0	306.1	160.4	247.8	261.3	253.8	226.7		
1994	99.2	141.5	156.2	187.3	213.6	380.6	149.4	259.0	328.1	149.7	96.7	139.2	2261.9
MEAN	159.2	116.8	80.3	104.8	214.9	313.8	258.8	232.6	258.9	248.4	201.2	154.4	2364.8

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : MANALOG, MALAYBALAY, BUKIDNON

PERIOD OF TARGET YEARS : 1990 to 1994

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1980							182.8		311.4	468.4	187.0	269.4	
1981	751.2	285.6	219.8	90.8	322.2	380.8	376.6	104.4	292.8	187.0	254.4	187.0	3432.2
1982	528.8	345.6	306.4	82.8			158.0	269.4	205.8	245.6	225.2	98.0	
1983	228.8	21.2	30.6	13.0	114.8	570.4	389.8	441.8	388.2	389.2	155.6	250.0	2999.8
1984	312.8	350.4	187.4	244.8	352.2	493.8	253.0	142.2	564.8	391.8	164.4	203.8	3870.8
1985	351.4	184.8	149.4	214.0	488.4	154.2	308.1	263.0	582.2	384.6	237.8		
1986			378.8	91.8	283.8	472.4	308.4	229.4	242.8	300.4	324.0	139.8	
1987	278.2	273.2	154.2	60.8	149.2	177.0	355.8	480.8	200.2	292.8	348.4	268.0	3051.0
1988	79.8	234.0	233.0	323.4	368.4	580.2	554.8	700.8	892.6	870.2	1014.0	690.0	6449.0
1989	854.8	353.2	544.8	426.8	581.8	820.0	581.8	962.6	499.0	363.4	471.8	171.0	6459.8
1990	399.6	443.4	185.0	415.6	889.0	558.8	345.6	827.6	408.4	442.0	706.4	185.0	5391.4
1991	399.8	404.0	122.2	220.0	335.8	443.4	278.8	262.8	183.2	254.8	68.4	126.4	3075.2
1992		89.8	123.4	43.2	177.2	453.8	602.2	243.4	222.8	344.8	151.8	431.8	
1993	190.0	426.4	265.4	194.2	231.4	177.0	425.0	191.8	457.4	348.6	215.8	508.8	3627.8
1994	168.2	391.0	441.8	195.2	318.6	375.4	215.2	303.4	416.4	334.0	233.4	508.2	3898.6
MEAN	378.2	298.0	242.8	186.7	337.7	420.5	355.7	389.2	383.8	374.3	315.8	290.1	4205.8

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : POBLACION, IMPASUGONG, BUKIDNON

PERIOD OF TARGET YEARS : 1975 to 1994

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1975	335.0	160.3	141.7	122.4	270.0	400.0	400.0	193.1	454.1	252.3	20.0	30.0	2773.6
1976	527.1	14.9	32.7	1.9	177.8	314.0	58.2	404.5	117.7	51.2	320.5	172.8	2190.1
1977	85.6	102.4	43.3	54.8	269.8	211.9	394.1	353.4	61.0	178.7	226.4	30.1	2077.5
1978	125.5	38.3	19.8	194.8	201.3	607.8	225.2	525.8	377.1	381.2	261.2	284.5	3243.1
1979	7.5	5.0	65.9	117.3	173.5	415.4	266.4	251.8	344.3	299.2	255.5	377.0	2587.8
1980	459.7	135.2	20.3	115.0	155.0	437.8	235.7	398.9	317.7	544.2	129.0	190.7	3239.2
1981	582.7	89.5	87.1	14.0	379.6	382.7	608.8	187.7	400.2	157.4	452.3	74.9	3204.7
1982	529.7	557.8	239.1	104.0	212.3	330.0	326.5	386.0	325.2	245.2	234.8	87.6	3580.1
1983	36.0	20.0				364.7	550.8	440.4	528.9	562.6	266.9	332.7	
1984	209.8	145.0	134.1	262.6	419.7	418.2	245.7	201.1	282.0	359.3	137.1	336.5	3153.1
1985	105.1	87.2	73.9	212.8	219.5	134.4	273.6	249.9	395.2	250.5	232.9	323.1	2637.8
1986	400.9	135.7	127.7	87.4	241.0	567.8	274.8	221.4	286.0	217.7	294.5	71.8	2876.5
1987	69.9	86.7	138.9	78.7	207.8	305.1	241.1	290.2	221.8	155.7	460.0	128.3	2382.2
1988	18.0	87.6	159.6	188.2	246.8	266.1	428.4	265.9	810.4	319.7	180.1	138.8	2909.7
1989	267.0	107.5	358.9	136.0	447.8	454.6	381.2	657.9	378.7	255.2	203.8	97.8	3727.6
1990	162.3	2.3	64.2	43.7	256.0	294.1	475.9	215.4	354.1	321.6	572.2	53.9	2835.7
1991	147.7	83.2	35.6	297.4	130.2	247.0	290.0	151.5	230.4	338.1	116.6	19.9	2085.8
1992	39.7	3.5	13.6	41.6	170.0	245.7	389.3	161.2	416.9	444.8	96.3	127.8	2149.8
1993	40.8	284.5	147.8	181.5	79.7	236.5	375.3	325.1	239.1	387.8	361.2	508.4	3148.7
1994	32.7	139.0	146.0	196.8	268.1	397.4	145.4	534.7	457.2		197.6	180.6	
MEAN	214.1	117.3	107.1	127.9	238.2	351.6	319.0	318.6	338.9	308.2	251.2	179.1	2822.9

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : INTAVAS, IMPASUGONG, BUKIDNON

PERIOD OF TARGET YEARS : 1977 to 1994

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1977						288.3	1055.9	812.2	496.5	325.8	583.4	53.4	
1978	248.5	105.0	43.1	121.4	570.8	365.7	851.4	362.5	454.5	321.8	221.8	239.1	3665.6
1979	129.7	48.4	58.0	31.0	83.6	229.8	185.8	118.3	257.0	218.3	129.4	86.8	1573.7
1980	88.7	51.2	9.7	59.8	54.2	222.4	79.8	227.8	99.5	182.9	46.7	83.8	1186.5
1981	199.1	48.8	36.9	25.9	69.0	144.6	160.1	12.5	87.8	69.1	127.3	17.3	998.4
1982	90.1	79.3	160.3	89.6	255.4		315.8	560.9	274.4	852.7	258.7	113.3	
1983	106.7	18.3	0.0	77.9	207.7	640.5	677.5	546.6	540.7	540.9	481.2	449.1	4287.1
1984	250.7	358.9	180.0	401.9	481.8	497.5	382.4	292.2	970.8	406.4	228.1	164.6	4215.3
1985	221.3	115.2	147.8	271.1	381.7	272.4	482.8	501.2	588.3	481.8	331.7	481.2	4276.3
1986	489.5	187.4	265.5	130.6	297.5	439.8	581.9	181.5	386.1	451.8	272.7	106.0	3730.3
1987	61.5	183.9	86.7	28.5	353.6	415.0	664.0	503.4	345.6	312.8	286.1	126.8	3458.2
1988	0.0	186.2	125.7	252.1	219.3	499.4	811.1	457.8	624.5	611.1	538.4	302.3	4427.9
1989	713.5	238.0	243.4	325.1	478.8	787.4	528.3	890.1	564.9	469.8	109.8	93.1	5460.0
1990	169.2	69.5	78.5	114.0	311.8	396.8	596.7	421.6	861.9	365.3	504.0	521.1	4243.2
1991	521.1	372.2	152.4	187.2	115.6	482.6	461.3	240.5	458.1	510.0	265.8	125.7	3872.5
1992	72.1	28.1	0.0	133.3	88.1	488.2	830.5	436.3	869.8	514.1	237.2	141.3	3639.0
1993	97.1	563.8	153.4	104.2	212.3	646.3	741.9	632.0	914.0	359.5	218.8	439.3	5084.6
1994	314.8	202.5	127.2	365.6	487.4	931.1	574.8	587.7	645.2	202.9	140.7	91.2	4651.1
MEAN	224.9	167.9	110.0	159.8	272.3	458.0	531.8	432.5	480.0	388.7	274.5	202.0	3673.1

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : BACLAYON, LANTAPAN, BUKIDNON

PERIOD OF TARGET YEARS : 1976 to 1994

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1976	285.4		40.5	21.3	185.7	297.0	321.4	319.0	159.1	213.2	129.6	161.7	
1977	155.3	181.9	102.6	36.4	218.7	353.5	350.2	519.2	57.5	270.5	481.7	59.4	2795.9
1978	122.2	81.0	51.1	140.5	248.4	256.9	332.2	299.0	318.7	320.7	248.2	148.5	2583.4
1979	43.1	54.4	25.3	63.9	241.9	417.0	204.7	176.4	328.1	201.1	165.5	255.3	2176.7
1980	160.2		26.7	79.9	82.4	606.8	221.8	418.7	113.0	432.3		453.0	
1981													
1982													
1983													
1984													
1985													
1986	194.8	105.6	127.5	81.2	207.3	433.2	372.8	175.2	294.2	253.8	277.9	26.6	2549.7
1987	103.0	121.0	15.8	37.9	90.5	288.7	339.2	399.2	105.1	425.1	148.4	170.4	2244.1
1988	24.4	82.4	174.0	194.8	253.8	144.4	255.4	194.0	448.1	221.6	95.8	139.2	2227.5
1989	121.2	104.4	241.6	206.5	267.8	384.4	222.4	333.9	295.3	242.8	148.4	11.4	2580.1
1990	78.6	20.4	17.2	51.6	441.8	268.2	151.0	239.0	357.2	190.0	286.0	59.4	2187.4
1991	114.8	100.4	12.6	101.2	141.0	266.0	243.3	156.8	130.4	212.8	135.8	20.4	1648.3
1992	51.8	7.6	21.2	82.4	152.4	213.0	386.0	185.8	248.6	255.6	162.0	154.4	1900.8
1993	67.8	127.2	115.4	87.6	95.6	220.8	351.2	249.4	349.6	257.0	187.1	297.4	2384.3
1994	119.0	132.8	160.8	117.6	281.8	505.0	105.8	390.2	106.0	161.4	62.2	138.8	2251.2
MEAN	117.2	92.4	89.9	90.2	207.6	332.8	275.5	289.8	236.6	268.1	194.5	150.8	2291.6

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : BUSDI, MALAYRILAY, BUKIDNON

PERIOD OF TARGET YEARS : 1977 to 1994

TOTAL MONTHLY RAINFALL, IN MILI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1977						254.5	216.4	344.5		222.0	324.0	81.9	
1978	257.8		45.0	31.8	172.6	128.2	321.3	162.4	212.0	151.4	72.4	103.2	
1979	80.0	44.5	64.7	42.4	123.9	291.1	192.6	49.0	88.8	192.7	93.5	199.0	1487.0
1980	139.4	270.7	13.4	59.8	35.0	297.7	310.1						
1981													
1982													
1983													
1984													
1985								144.4					
1986	560.0	14.0		33.0	236.6	153.2	788.6	361.4	226.8	158.8	205.0	42.2	
1987	194.0	230.6	127.8	30.8	255.6	285.0	278.0	298.0	441.4	821.2	218.0	249.0	3227.0
1988	72.2	310.6	195.6	745.6	164.2	181.0	341.2	348.0	220.2	297.6	99.4	224.2	3204.0
1989	119.4	228.0	593.0	244.8	66.8	250.9	335.2		92.8	219.8	59.0	8.2	
1990		48.6		57.0		718.6							
1991													
1992	190.4	11.0	49.0	22.0	99.0	240.6	213.6	199.4	189.8	146.8	83.2	136.0	1614.0
1993	70.2	174.0	196.2	175.2	147.4	176.2	473.6	222.6	518.2	308.2		491.6	
1994	165.8	348.0	271.4	196.8	191.8	621.6	215.0	368.8	234.2	260.0	530.4		
MEAN	184.9	167.9	173.3	149.9	149.3	299.7	334.9	252.0	244.7	258.3	167.8	177.2	2383.0

Note : Blank means that the data are not available





NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : MATIAG, VALENCIA, BUKIDNON

PERIOD OF TARGET YEARS : 1976 to 1991

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1976	111.8	40.7	22.4	72.0	42.4	84.4	74.1	59.1	103.5			143.2	
1977	154.8	61.8	0.0	0.0	180.2	215.3	304.5	364.7	1.8	146.7	280.0	33.6	1726.4
1978	51.4	47.4	25.2	203.2	215.8	85.1	144.6	217.2	226.3	163.8	110.1	59.9	1530.0
1979	5.6	0.0	58.3	10.7	330.1	236.9	225.1	181.7	261.8	271.8	71.0	160.1	1836.2
1980	254.0		3.0	71.2	53.2	379.5	132.1	318.1	259.2	309.0	120.5	273.0	
1981													
1982													
1983													
1984													
1985													
1986	271.0	89.0	153.0	107.0	279.0	358.0	312.0	87.0	188.0	136.0	161.0	21.0	2182.0
1987	89.0	80.4	13.0	32.0	80.0	186.0	264.0	240.0	131.0	285.0	139.0	122.0	1581.4
1988	37.0	57.0	90.9	101.0	252.0	259.0	194.0	171.9	237.0	215.0	109.0	125.0	1847.0
1989	52.0	66.0	152.0	173.0	333.0	374.0	252.0	267.0	139.0	179.0	92.0	26.0	2129.0
1990	90.0	3.0	6.0	51.0	292.0	244.0	241.0	312.0	282.0	204.0	154.0	32.0	1911.0
1991	105.0	100.0	2.0	80.0	164.0	248.0	272.9	147.0	198.0	145.0	136.0	20.0	1617.0
1992		4.0	19.0		157.0		313.0	290.0	140.0	224.0	140.0	140.0	
1993	66.0	64.0	85.0	89.0	36.0	307.0	258.0	161.0	317.0	215.0	219.0	215.0	2072.0
1994	111.0	54.0	168.0	30.0	244.0	416.0	123.0	302.0	298.0	82.0	38.0	130.0	2027.0
MEAN	107.6	51.3	57.7	78.5	187.1	259.9	218.6	225.6	201.0	196.5	136.1	107.0	1859.9

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : PANADTALAN, KARAMAG, BUKIENON

PERIOD OF TARGET YEARS : 1972 to 1994

TOTAL MONTHLY RAINFALL, IN MILI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1972											86.9	65.1	
1973	0.0	3.8	8.4	78.7	459.3	440.7	507.9	262.5	349.8	125.7	201.5	187.9	2624.0
1974	196.0	202.3	43.8	143.3	242.2	233.8	245.0	103.9	436.8	372.5	183.8	154.9	2447.2
1975	43.1	120.4	226.7	65.6	235.8	482.0	301.3	124.0	373.0	342.3	234.3	165.1	2723.4
1976	129.8	49.9	56.8	61.5	244.5	274.2	341.8	280.1	442.4	237.5	269.8	89.3	2448.3
1977	145.5	59.1	22.2	14.0	199.4	430.9	465.8	368.2	79.5	458.9	232.1	57.0	2529.4
1978	31.7	27.2	7.9	91.1	162.3	229.4	330.8	219.4	265.3	273.3	342.8	114.2	2095.4
1979	19.3	49.5	28.3	14.0	468.3	322.6	242.9	294.0	210.4	238.2	306.8	153.6	2345.1
1980	146.7	53.7	18.7	35.4	97.6	452.0	203.0	329.7	317.7	354.2	202.3	262.8	2421.9
1981	177.1	47.2	47.6	51.8	286.4	395.9	307.8	68.1	243.8	245.4	219.7	15.3	2086.1
1982	180.9	105.5	71.1	134.4	233.1	345.1	164.4	256.8	91.7	221.8	148.2	82.8	2035.8
1983	50.8	3.3	1.3		112.7	173.7	450.7	403.6	401.2	297.2	125.5	62.3	
1984	160.6		129.3	207.3	230.5	256.9	473.8	214.0	357.0	234.9	124.9	171.3	
1985	83.3	32.7	26.5	197.3	243.3	295.6	262.5		395.4	231.8	173.2	328.5	
1986	194.8	44.2	123.5	73.0	303.2	282.5	392.4	145.7	330.3	185.9	127.8	7.6	2210.9
1987	38.8	41.5	16.5	57.5	162.4	428.3	286.3	372.3	139.5	362.0	123.2	106.4	2138.5
1988	5.6	21.3	78.5	293.4	289.7	268.1	217.1	190.4	340.8	281.4	172.0	109.5	2205.8
1989	42.1	103.7	70.9	284.5	228.9	403.1	257.8	114.8	306.4	296.4	99.4	34.3	2231.5
1990	63.4	3.1	3.5	194.8	473.2	357.3	349.9	171.1	315.3	360.7	223.8	5.1	2521.2
1991	62.9	84.3	4.9	127.2	173.0	325.1	236.8	219.2	163.5	205.8	113.5	8.9	1725.1
1992	12.7	4.4	3.8	25.2	216.1	282.6	181.1	278.5	114.8	1159.1	1596.8	905.2	4782.1
1993	626.4	1145.0	424.5	514.4	1365.2	3487.6		2582.4	3632.6	1781.8	2792.1	1810.5	
1994	870.4	505.4	1435.2	1394.6	6190.0	5079.4	1399.9	4486.0	1519.6		334.2	1517.8	
MEAN	144.4	126.5	129.3	194.7	572.6	689.5	362.9	545.8	501.2	390.7	365.8	279.1	2445.4

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : ZAMBOANGITA, CARANGIASAN, BUKIGNON

PERIOD OF TARGET YEARS : 1976 to 1994

TOTAL MONTHLY RAINFALL, IN MILLIMETER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1976					253.7	157.4	196.7	241.7	225.6	129.5	201.6	248.0	
1977	153.2	257.9	109.0	14.0	119.7	175.0	260.3	274.6	157.1	175.8	248.6	45.7	1990.9
1978	128.4	201.9	54.9	144.7	255.4	195.6	274.5	324.9	213.6	213.4	187.7	71.2	2267.1
1979	91.4	43.2	99.7	88.0	568.8	354.1	238.2	475.2	327.6	418.6	441.2	305.4	3451.6
1980	301.2	242.6	45.8	129.8	66.2	399.2	208.4	229.0	54.2	361.4	125.6		
1981													
1982													
1983													
1984													
1985													
1986	434.6	417.6	291.4	43.2	332.6	335.0	206.0	73.6	266.6	407.4	312.6	58.2	3242.8
1987	271.8	196.6	38.0	0.0	183.8	220.4	257.4	218.0	238.0	277.0	207.6	187.8	2308.2
1988	18.8	112.2	280.2	175.2	282.0	334.4	313.6	215.2	183.8	353.4	441.8	318.6	3035.2
1989	262.8	228.8	278.0	180.5	241.2	276.6	279.0	274.6		475.6	275.0	4.8	
1990	53.6	63.4	176.4	86.4	233.2	148.4	269.8	107.0	228.0	366.2	179.0	342.0	2251.4
1991	258.2	88.6	229.8	163.0	203.4	365.4	231.8	154.8	114.2	192.6	127.6	91.4	2159.0
1992	56.0	0.0	6.4	10.4	288.6	555.6	70.8	22.0	190.6	285.4	170.5	165.4	1820.1
1993	178.0	206.4	246.4	150.0	225.8	498.4	69.8	462.8	324.2	184.6	307.8	433.0	3366.4
1994	88.8	259.4	200.8	263.8	231.6	282.6	376.6	204.8	872.6	341.4			
MEAN	180.6	178.4	158.2	115.4	248.9	302.5	234.5	233.9	265.9	298.7	259.5	189.3	2589.3

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : KALASUNGAY, MALAYBALAY, BUKIDNON

PERIOD OF TARGET YEARS : 1996 to 1994

TOTAL MONTHLY RAINFALL, IN MILI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1986	268.4	64.4	128.2	47.7	222.8	268.2	233.1	188.9	223.4	168.0	230.2	42.3	2104.4
1987	48.5	142.0	70.4	19.9	120.3	327.6	240.6	381.1	215.1	318.2	214.5	347.8	2446.8
1988	18.1	75.7	128.1	270.8	265.8		309.4	331.7	465.4	357.7	82.4	134.8	
1989	74.2	75.2	218.8	140.8	371.7	408.5	510.0	558.5	392.2	265.8	235.8	8.4	3197.9
1990	154.6	0.0	84.5	51.7	286.7	95.8	231.2	322.4	182.2	210.2	223.9	59.8	1882.7
1991	208.4	74.5	29.3	65.7	110.9	280.2	280.5	157.1	182.8	191.5	114.2	25.7	1700.8
1992	35.5	11.2	8.1	78.7	198.0	141.4	212.4	148.1	61.5	311.7	161.4	172.8	1476.8
1993	58.8	278.3	101.2	87.1	130.2	278.4	482.9	223.9	419.1	578.9	180.7	394.4	3213.9
1994	108.9	159.9	172.4	127.5	324.7	404.2	383.8	288.4	255.8	250.1	68.4	144.4	2894.5
MEAN	107.9	161.2	104.8	98.7	223.4	277.8	318.2	288.5	281.9	288.2	181.3	147.8	2337.2

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : LINARO, MALAYBALAY, BUKIDNON

PERIOD OF TARGET YEARS : 1996 to 1994

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1986	224.0	123.0	124.0	83.0	229.0	394.0	366.0	79.0	295.0	164.0	218.0	20.0	2289.0
1987	80.0	120.0	7.0	36.0	146.0	325.0	252.8	386.2	136.4	355.8	264.4	129.2	2248.9
1988	2.0	81.6	194.1	183.2	343.2	175.5	227.2	141.8	306.0	312.4	87.9	124.2	2181.1
1989	63.8	74.4	143.2	140.6	257.9	285.9	263.6	437.4	82.8		66.8	12.2	
1990	93.5	2.8	14.0	142.0	438.0	301.4	166.7	96.7	174.4	372.1	319.2	7.0	2130.6
1991	64.0	66.0	2.5	100.0	137.0	253.0	168.0	360.0	265.0	200.0	178.4	30.8	1753.9
1992	19.7	0.0	7.9	10.0	288.8	284.4	370.0	267.0	168.0	245.0	170.0	122.0	1951.9
1993	68.0	160.0	125.0		40.0	283.0	362.0	357.0	372.0	318.0	199.0	231.0	
1994	84.0	117.0	189.0	80.0	358.0	508.0	188.0	425.0	632.0	175.0	41.0	105.0	2672.0
MEAN	78.8	83.0	89.8	90.8	249.2	310.0	260.3	283.8	242.6	267.5	173.9	66.7	2176.5

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : MARAGUING, CARANGLASAN, BUKIIONON

PERIOD OF TARGET YEARS : 1986 to 1994

TOTAL MONTHLY RAINFALL, IN MILI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1986	248.0	134.4	247.8	38.4	290.4	441.8	265.8	93.4	424.0	171.8	201.0	10.2	2567.8
1987	179.2	157.8	89.8	10.0	108.8	238.4	375.8		180.8	381.0	277.0	295.8	
1988	45.8	130.0	184.2	118.8	152.2	193.2	244.2	122.8	268.2	237.8	147.2	85.0	1910.0
1989	148.0	142.0	185.0	250.8	328.2	358.8	235.8	312.8	122.0	180.8	79.8	28.8	2368.0
1990	173.8	38.8	45.8	110.2	297.0	274.8	121.8	304.2	257.8	251.4	153.2		
1991	245.0	145.2	28.8	127.8	229.4	354.0	226.8	208.2	118.2	152.4	153.8	78.4	2065.8
1992	58.8	66.4	45.2	38.2	64.4	250.0	259.4	188.8	105.4	354.0	128.8	273.2	1820.2
1993	121.8	216.8	228.4	177.8	40.0	161.8	248.0	228.0	399.8	278.8	115.4	267.8	2484.0
1994	152.8	534.4	359.4	90.4	148.4	319.4	83.4	162.2	197.8	133.8	81.8	258.8	2509.8
MEAN	152.7	173.5	155.8	107.0	184.1	287.7	226.8	202.5	230.4	239.2	147.3	182.0	2248.5

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : MIARAY, DANGCAGAN, BUKIDNON

PERIOD OF TARGET YEARS : 1986 to 1994

TOTAL MONTHLY RAINFALL, IN MILI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1986	226.8	104.3	83.0	52.0	223.9	255.6	278.3	67.0	264.5		233.4	100.6	
1987	56.0	159.5	15.7		219.7	409.9	512.5	337.0	155.5	301.4	148.4	140.6	
1988	97.8	65.2	155.5	197.6	289.2	141.7	219.0	202.7	264.5	160.9	189.9	60.0	2053.8
1989													
1990	77.5	4.2	29.4	124.1	327.5	156.1	206.2	261.1	145.9		227.3	59.8	
1991	132.7	220.9	39.6	61.8	347.6	176.8	225.3	134.9	106.1	175.2	75.3	19.2	1715.4
1992	20.8	4.6	5.2	178.1	186.1	268.2	273.7	71.7	159.9	212.2	281.3	99.8	1761.8
1993	68.1	130.0	197.0	47.0	269.7	190.1	359.3	183.9	258.3	367.6	146.3	163.0	2380.3
1994	56.8	50.7	166.6	217.1	356.8	494.9	95.6	227.6	123.0	304.3	47.5	72.5	2222.4
MEAN	62.5	94.8	87.8	125.4	277.6	261.7	271.2	188.3	188.5	253.6	168.4	83.7	2028.7

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : BUBONG, , IANAO DEL SUR

PERIOD OF TARGET YEARS : 1989 to 1995

TOTAL MONTHLY RAINFALL, IN MILI MEIER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1989						425.0	228.4	290.0	303.0	185.1			
1990		17.0	128.0	185.2	359.4	303.5	250.4	277.0	256.8	554.1	277.4	157.8	
1991	88.0	128.0	146.8	268.0	326.4		389.0	181.0	249.3	211.5	138.8	101.9	
1992	95.0	21.0	66.0	175.5	289.0	440.2	499.8	95.7	154.7	323.3	223.3	258.7	2642.3
1993	128.5	372.5	54.5	232.5	385.0	314.0	456.0	97.2	218.0	248.0	303.0	520.3	3325.5
1994	190.0	125.5	199.0	503.8	403.5	537.0	177.3	196.0	234.0		328.6	177.7	
1995	124.0	151.0	181.0	156.9	484.3	822.3	580.0	329.4	425.0	285.0	487.0	332.0	4137.3
MEAN	103.1	135.8	129.8	253.7	374.6	440.3	365.9	209.5	282.9	302.5	289.4	258.1	3368.4

Note : Blank means that the data are not available





NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : DULAY, , MARAWI

PERIOD OF TARGET YEARS : 1989 to 1995

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1989							281.8	239.8	189.3	189.1	213.6	113.3	
1990	83.2	5.5	49.2	64.4	185.1	217.3	144.7	204.9	285.1	330.7	474.6	124.8	2229.6
1991	88.8	120.1	79.7	227.8	310.8	340.8	230.1	84.8	217.5	149.5	84.5	89.8	2063.5
1992	51.8	19.7	49.6	29.3	405.5	333.6	286.8	96.8	261.5	178.1	140.4	90.5	1942.6
1993													
1994	37.1	84.7	89.3	132.4	380.4	305.5	229.4	44.3	132.1	147.8	115.3	65.7	1744.0
1995	48.8	57.2	132.8	104.8	233.3	388.7	469.1	403.8	270.8	181.8	319.7	432.2	3032.3
MEAN	57.9	53.4	79.9	111.4	303.0	317.2	272.1	179.3	222.7	205.8	224.7	152.8	2139.4

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : MASIU, , IANAO DEL SUR

PERIOD OF TARGET YEARS : 1973 to 1995

TOTAL MONTHLY RAINFALL, IN MILI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1973	7.1	16.8	14.0	235.2	332.4	361.8	368.1	421.7	558.2	313.0	411.7	201.2	3209.3
1974	322.0	80.3	71.9	321.0	404.6	428.1	308.3	277.7	363.3	621.6	223.5	272.8	3699.3
1975	228.2	118.2	62.6				590.4	149.6	778.1	215.9	298.1	285.4	
1976	512.0		205.4	379.8	568.4	625.9	583.0	919.1	705.0	791.8	448.0	295.9	
1977	421.3	470.6	308.2	95.2	228.3	547.4	682.4	597.6	535.7	323.8	257.4	132.9	4598.6
1978	165.7	322.9		330.6	519.0	493.7	348.8	471.8	261.5	568.0	167.8		
1979	102.8		42.8	166.4	174.0	278.2	269.4	310.0	271.9	349.4	331.8		
1980							401.0	204.5	135.0	255.5	129.5	264.5	
1981	229.5	51.5	48.5	5.5	275.5	134.5	143.5	101.0	282.5	283.5	440.5	130.5	2126.5
1982	265.0	194.0	99.0	214.0	250.0	278.5	248.0	231.0	236.5	210.5	298.1	123.5	2648.1
1983	43.5	1.0	6.0	10.0	287.0	219.5	290.0	320.0	272.0	328.0	253.0	239.0	2269.0
1984	267.5	129.0	92.0	199.0	352.5	368.5	211.0	172.0	178.5	197.0	298.0	142.5	2518.5
1985	130.0	63.0	131.0	237.0	260.5	198.0	110.5	73.5	305.0	223.0	298.5	168.5	2196.5
1986	294.5	62.5	101.5	104.0	246.5	328.0			230.0	184.5	158.0	80.0	
1987	51.5	141.5	41.0	38.0	305.0	137.0	453.5	210.0	450.5	269.0	128.8	337.5	2537.1
1988	227.5	173.0	87.5	113.5	254.5	331.5	213.0	291.5	367.0	481.5	377.5	117.0	3035.0
1989	81.0	135.0	201.0	278.0	300.0	361.5	179.0	165.0	172.0	100.5	217.5	71.5	2290.0
1990	203.5	2.5	52.5	121.5	232.5	334.5	112.0	371.0	267.5	208.5	242.5	39.0	2185.5
1991	37.0	43.5	58.0	212.0	253.5	304.0	184.0	161.4	107.5	151.5	63.0	32.0	1627.4
1992	73.5	22.0	11.0	59.0	264.5	272.5	300.0	137.0	94.0	162.0	180.5	112.5	1708.5
1993	54.0	198.5	128.0	185.5	519.5	280.5	297.5	188.5	172.0	350.0	317.5	263.0	2955.5
1994	68.5	57.0	218.5	200.5	261.0	648.5	208.0	151.0	255.0	145.5	184.5	110.0	2486.0
1995	38.5	90.5	88.0	183.0	298.0	466.5	445.0	540.0	342.0	507.5	628.5	667.0	4294.5
MEAN	173.7	117.5	96.5	175.2	314.5	353.5	313.0	291.4	319.1	316.1	270.7	196.4	2723.1

Note : Blank means that the data are not available



STATION NAME : DAHLAYAN, MANOLO FORTICH, BUKIENON

PERIOD OF TARGET YEARS : 1977 to 1995

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1977						334.6	633.4	687.7	78.7	195.9	268.0	25.4	
1978	105.1	29.7	63.0	231.8	349.6	567.1	634.8	469.5	353.9	243.2	228.5	116.8	3441.0
1979	32.3	39.8	55.9	63.6	100.8	857.9	294.0	274.6	493.6	334.6	223.9	187.6	2959.0
1980	180.6	60.9	95.0	287.6	270.3	848.1	206.0	423.1	389.6	537.5	182.2	263.4	3704.5
1981	507.2	125.1	70.8	86.9	270.2	400.4	300.4	65.2	217.8	179.0	297.4	131.8	2652.2
1982	568.1	314.3	251.2	504.4	108.5	296.3	213.4	204.2	54.6	224.5	180.3	6.6	2926.7
1983	5.1					171.9	300.1	146.1	121.2	255.3	233.7	116.0	
1984	164.6	99.5	66.6	205.5	186.0	207.5	149.2	51.0	103.9	141.8	157.2	112.5	1645.5
1985	157.3	35.1	45.8	413.1	490.6	259.9	265.3		416.2	325.9	215.3	178.7	
1986	262.2	75.7	107.4	63.7	194.0	475.8	272.2	213.3	254.4	269.7	173.8	63.2	2601.4
1987	30.0	223.7	66.2	15.9	320.1	369.6	406.3	216.8	264.0	263.0	262.7	278.1	2667.4
1988	114.3	33.3	144.0	170.3	240.6	388.6	373.7	377.2	559.7	536.8	144.6	281.1	3348.2
1989	204.7	89.7	249.3	145.0	537.3	545.1	337.5	525.6	427.5	137.5	229.0	63.5	3491.7
1990	155.8	21.3	16.5	74.3	371.8	524.1	575.5	229.5	453.8	394.2	350.5	116.5	3265.6
1991	142.7	83.5	180.6	358.2	158.8	426.2	502.7	116.1	316.0	322.0	264.6	72.1	2942.5
1992	137.0	33.3	6.4	71.9	357.8	491.0	463.9	258.7	373.3	375.1	237.8	141.0	2927.2
1993													
1994	59.7	145.5	129.7	307.6	365.7	571.3	124.5	424.0	434.9	391.7	151.1	102.6	3187.2
1995	231.0	177.4	176.7	60.6	379.5	429.5	534.7	255.3	406.0				
MEAN	185.7	100.5	107.9	196.2	294.5	453.3	366.8	317.5	317.6	302.9	224.4	129.7	2554.2

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : DUMALAGUING, IMPASUGONG, BUKIDNON

PERIOD OF TARGET YEARS : 1980 to 1994

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1980				79.2	92.0	315.8	165.8	260.0	219.8	833.2	131.4	255.4	
1981	584.6	148.4	50.0	20.0	411.1	207.0	260.8	40.0	247.8	69.0	99.8	25.8	2162.1
1982	315.2	134.0	309.6	97.8	155.8	130.4	143.0	233.0	209.8	221.4	98.2	32.8	2079.7
1983	67.8		4.4	2.8	63.0	304.4	432.8	435.8	324.0	455.0	647.1	173.0	
1984	282.8	296.8	234.8	485.0	402.2	598.0	334.0	205.8	501.0	332.4	43.8	283.8	3997.0
1985	541.4	27.4	39.6	289.6	545.4	92.8	831.8	149.8	714.2	912.2	274.8	404.8	4312.8
1986	1245.8	59.4	207.8	34.8	116.8	770.8	749.2	511.8	158.2	138.2	387.8	180.8	4533.0
1987													
1988	10.0	288.0	228.2	432.8	282.2	270.0	468.8	244.2	977.6	870.8	379.0	545.0	4551.4
1989	422.4	247.4	466.0	250.8	819.8	777.4	623.8	738.0	324.8	418.8	338.4	128.8	5352.2
1990	324.6	17.4	77.4	43.2	402.0	917.6	325.2	1022.2	879.2	808.0	564.4	49.4	5045.6
1991	279.4	191.8	85.8	328.8	114.6	216.0	499.2	604.4	598.8	291.8	331.2	26.8	3566.4
1992	31.8	9.4	3.8	34.0	127.4	576.2	591.6	182.0	209.8	720.8	118.0	94.0	2700.2
1993	80.6	548.2	502.2	250.8	128.4	412.0	547.2	362.8	210.2	282.4	184.0	515.8	4004.4
1994	188.2	282.0	252.2	209.4	443.4	574.2	369.0	648.8	514.8	188.8	158.0	252.0	4058.8
MEAN	335.0	187.4	188.7	188.8	279.9	440.3	452.8	402.1	420.5	422.4	267.8	211.8	3930.3

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : CAN-AYAN, MALAYBALAY, SUKTONON

PERIOD OF TARGET YEARS : 1977 to 1995

TOTAL MONTHLY RAINFALL, IN MILI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1977						214.7	252.2	339.9	85.5	181.0	231.8	19.1	
1978	52.9	38.7	42.7	52.8	155.4	256.7	199.6	329.8	169.1	69.1	138.5	113.5	1598.8
1979	34.4	25.1	30.0	36.0	588.0	39.0	302.0	205.0	420.0	311.1	107.0	39.0	2158.8
1980	101.0	47.4	60.2	50.0	31.0	356.7	235.0	241.3	183.0	259.0	119.0	70.4	1754.0
1981	319.3	83.0	34.0	0.0	186.0	143.0	143.0	60.0	114.1	65.0	74.0	35.0	1217.4
1982	228.0	86.0	142.0	0.0	105.0	24.0	30.0			118.8	97.0		
1983	2.0		13.0		32.0	227.0	19.0		39.0	35.0	68.0	34.0	
1984	110.0	42.0	10.0	24.0	145.0		46.0	119.0	195.0	502.0	25.0		12.0
1985	127.0	63.0	44.0	144.0	347.0	150.0	218.0						51.0
1986	256.0	36.0									344.0		46.0
1987	68.0		72.0	18.0	175.0	233.0	315.0	222.0	304.0	271.0	195.0	131.0	
1988		9.0	65.0	90.0	129.0	248.0	138.0		417.0	386.0	100.0	83.0	
1989	147.0	84.0	48.0	53.0	290.0	337.0	378.0	745.0	150.0	99.0	85.0		
1990	84.0			48.0	137.0			436.0	376.3	182.2	291.0	83.2	
1991													
1992	114.0	11.2	5.2	66.0	194.0	303.2	509.7	240.0	323.5	509.3	63.1	124.5	2503.7
1993	36.5	253.5	88.1	106.5	41.5	210.4	539.4	189.6	233.5	369.5	135.3	174.8	2353.4
1994	101.5	213.8	193.8	179.1	300.8	323.7	196.4	283.8	229.2	268.4	24.1	134.3	2436.7
1995	243.7	93.1	125.5	59.8	256.7	348.7	324.2	425.7	652.6	296.6			
MEAN	128.5	76.1	65.3	61.1	191.9	228.2	240.2	293.3	260.1	242.6	131.1	81.4	2003.8

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : CALABUGAO, IMPASUGONG, BUKIDNON

PERIOD OF TARGET YEARS : 1986 to 1994

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1986	1021.4	155.0	852.4	227.2	445.2	611.0	664.2	276.6	665.4	769.0	913.2	183.0	6643.8
1987	780.0	412.2	573.0	39.6	290.2	374.8	639.0	660.6	134.0	760.0	736.4	503.8	5941.8
1988	251.8	787.2	1250.0	229.8	452.4	632.0	480.4	427.0	651.0	364.0	629.4	708.4	6872.2
1989	254.2	337.6	716.0	197.0	392.8	569.2	321.8	353.6	420.4	436.4	374.6	53.2	4926.8
1990	582.6	132.6	436.8	293.2	460.8	595.8	485.6	355.2	515.6	453.4		369.8	
1991	445.0	479.2	439.8	323.2	522.0	806.0	567.0	229.2	183.8	180.8	156.8	227.4	4401.2
1992	436.6	96.6		100.2	209.6	290.7	320.7	176.6	270.9	268.5	226.1	354.8	
1993	180.2	351.1	283.2	125.4	54.8	295.9	444.3	110.8	276.4	262.5	364.3	880.8	3659.5
1994	611.0	413.5	513.9	351.0	446.0	452.8	186.4	349.8	348.3	278.3	534.8	883.9	5372.6
MEAN	559.3	351.7	635.6	269.6	364.9	492.0	462.2	326.8	387.3	425.9	494.5	462.8	5431.1

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : UGALINGAN, CARMEN, COTABATO

PERIOD OF TARGET YEARS : 1989 to 1994

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1989						288.1	261.3	188.2	194.3	134.7	178.2	52.5	
1990	77.8	2.0	93.0		141.1	225.8	124.3	348.4	212.2	154.8	212.3	96.3	
1991	103.0	28.0	23.9	165.4	189.4	197.9	187.9	50.7	63.5	122.3	120.2	0.0	1231.6
1992	28.2	8.0	4.0	79.2	117.2	392.8	302.6	88.7	22.3	311.4	39.5	139.9	1533.9
1993	75.6	159.5	34.7		218.2	262.7	382.1	55.9	187.0	107.3	126.5	292.8	
1994	82.3	74.6	178.0	111.4	865.8	303.6	84.8	155.4	378.9	69.0	247.1	45.1	2375.8
MEAN	73.3	54.4	66.7	118.6	265.9	268.5	217.5	147.9	176.4	149.9	154.0	104.4	1713.9

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : HALAPITAN, SAN FERNANDO, BUKIDNON

PERIOD OF TARGET YEARS : 1986 to 1994

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1986	268.4	47.4	279.3	90.3	221.3	239.2	238.5	110.2	327.3	259.2	193.1	54.9	2429.1
1987	187.3	95.5	36.5	42.7	91.0	253.0	191.4	368.9	43.6	353.2	181.2	158.6	2062.9
1988	43.2	87.6	193.8	104.4	232.9	165.5	235.4	115.5	293.8	176.1	104.4	79.8	1829.2
1989	145.8	163.2	83.2	155.7	245.2	310.2	181.0	217.4	194.9	133.9	79.7	51.0	1967.3
1990	170.2	82.2	16.6	68.3		292.0	176.0	227.5	237.4	205.6	104.2	77.0	
1991	154.1	133.5	17.0	58.0	155.4	274.2	234.6	183.0	119.0	121.0	136.0	45.6	1691.4
1992	74.5	64.0	43.8	32.6	63.8	98.6	129.5	51.0	92.0	143.6	90.4	241.6	1195.4
1993	123.9	114.7	136.8	103.2	69.9	115.2	219.6	186.2	243.8	176.4	181.2	251.1	1930.8
1994	160.3	210.4	263.8	97.6	279.6	340.2	83.8	340.0	210.4	62.5	125.0	112.2	2265.9
MEAN	150.5	117.6	119.4	85.8	169.8	232.7	195.5	200.3	204.2	184.6	132.8	122.2	1924.0

Note : Blank means that the data are not available



# **DATA BOOK**

## **II. STREAMFLOW DATA**

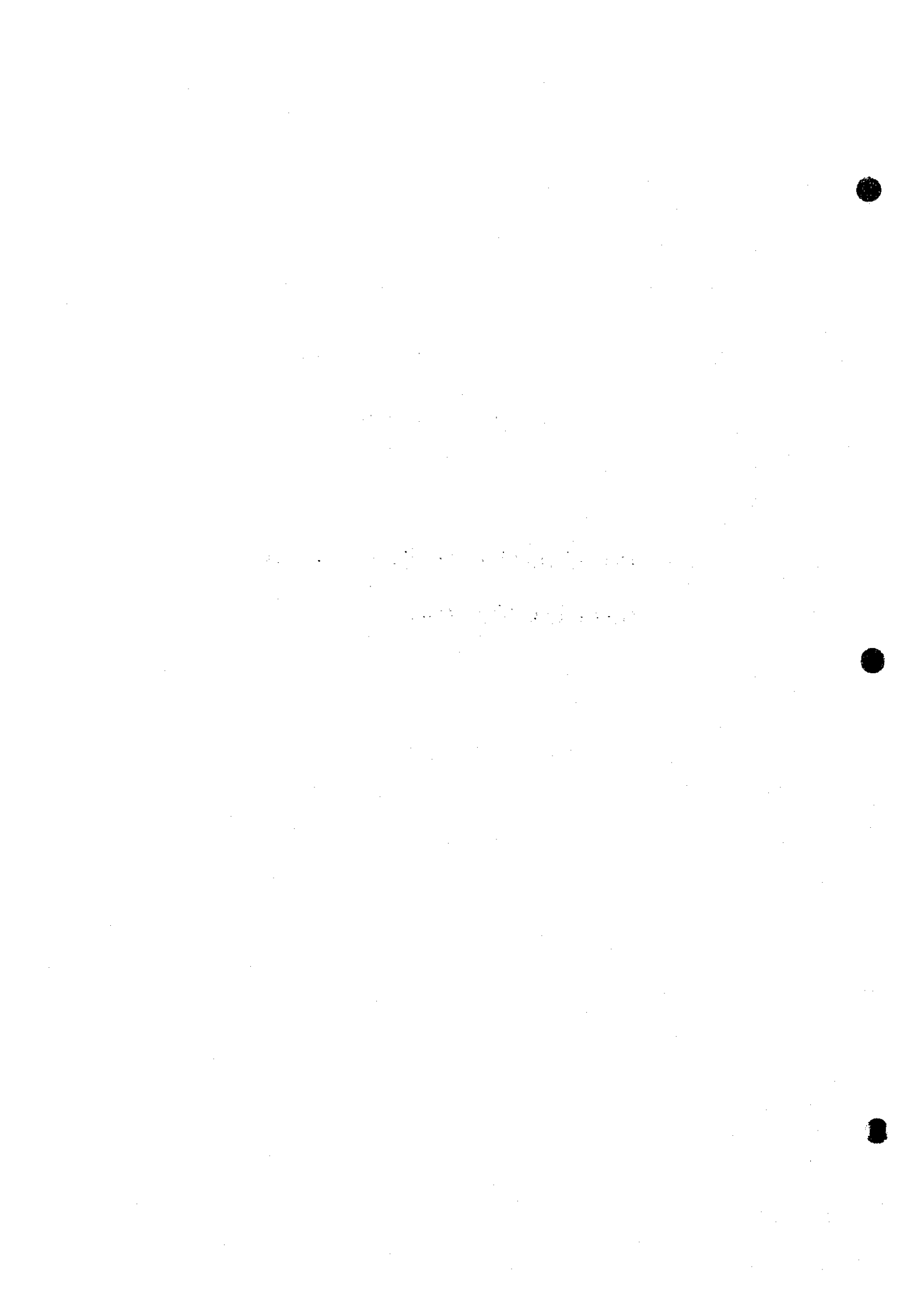
## II. STREAMFLOW DATA

### TABLE OF CONTENTS

	Page
1. Information of Streamflow Gauging Station.....	II-1
2. Mean Monthly Discharge Data .....	II-34

## **STREAMFLOW DATA**

### **1. INFORMATION OF STREAMFLOW GAUGING STATION**



- No.	1	- Location	BUMAGCAT
- Data Owner	1	- Town	TAYUM
- Station ID	L7_3A	- Province	ABRA
- River	ABRA	- Drainage Area	2575.0 km <sup>2</sup>
- Basin Code	01036	- Water Resources Region	1
- Latitude	N 17° 37' 40"		
- Longitude	E 120° 42' 40"		
- Site Information	1 kilometer north of the barrio of Bumagcat, Tayum and about 1-1/2 kilometers down the confluence of the Ting and Abra Rivers.		
- Gauge Information	Staff gage read twice a day. Elevation of zero of gage is 48.199 meters.		

- Period of Data Records	1958 ~ 1988	- Latest Update	7/12/97
--------------------------	-------------	-----------------	---------

- No.	2	- Location	KALAW BRIDGE
- Data Owner	1	- Town	MONKAYO
- Station ID	M141_2	- Province	DAVAO
- River	AGUSAN	- Drainage Area	925.0 km <sup>2</sup>
- Basin Code	10315	- Water Resources Region	10
- Latitude	N 7° 48' 48"		
- Longitude	E 126° 2' 12"		
- Site Information	at the first pier of Kalaw Bridge along the Davao-Agusan Road in Monkayo, Davao.		
- Gauge Information	Staff gage read twice a day up to December 8, 1960 and three times thereafter. Elevation of zero of gage is 0.11 meters below Mean sea level.		

- Period of Data Records	1958 ~ 1983	- Latest Update	7/12/97
--------------------------	-------------	-----------------	---------

- No.	3	- Location	STO. DOMINGO
- Data Owner	1	- Town	NABUA
- Station ID	L49_12	- Province	CAMARINES SUR
- River	BICOL	- Drainage Area	905.0 km <sup>2</sup>
- Basin Code	05114	- Water Resources Region	5
- Latitude	N 13° 24' 19"		
- Longitude	E 123° 19' 26"		
- Site Information	at the downstream side of the bridge at Sto. Domingo, Nabua, Camarines Sur.		
- Gauge Information	Water-Stage Recorder. Elevation of zero of gage is 0.45 meter below Mean Sea Level. Prior to May 5, 1961, staff gage read two times a day at same site and datum. Prior to July 1954 staff gage read three times daily.		

- Period of Data Records	1960 ~ 1995	- Latest Update	7/12/97
--------------------------	-------------	-----------------	---------

- No.	4	- Location	SIMSIMAN
- Data Owner	1	- Town	CALINOG
- Station ID	V103_2	- Province	ILOILO
- River	JALAU	- Drainage Area	169.0 km <sup>2</sup>
- Basin Code	06208	- Water Resources Region	6
- Latitude	N 11° 7' 15"		
- Longitude	E 122° 31' 45"		
- Site Information	at the highway bridge along the Iloilo-Capiz National Road.		
- Gauge Information	Staff gage read two times a day. Elevation of zero of gage in 56.291 meters above NLLW.		

- Period of Data Records	1957 ~ 1979	- Latest Update	7/14/97
--------------------------	-------------	-----------------	---------

- No.	5	- Location	CALLAN
- Data Owner	1	- Town	POTOTAN
- Station ID	V103_7	- Province	ILOHIO
- River	JALAU	- Drainage Area	1499.0 km <sup>2</sup>
- Basin Code	06208	- Water Resources Region	6
- Latitude	N 10° 55' 50"		
- Longitude	E 122° 40' 10"		
- Site Information	about 1/2 kms. East of Callan Barrio School and 4 kms. Downstream of the confluence of the Suague and Jalaur Rivers.		
- Gauge Information	Staff gage read two times a day. Elevation of zero of gage is 9.303 m above MLLW. Prior to February 7, 1954, water stage recorder at same site and datum.		

- Period of Data Records	1957 ~ 1995	- Latest Update	7/12/97
--------------------------	-------------	-----------------	---------

- No.	6	- Location	TIGBAO
- Data Owner	1	- Town	LOBOC
- Station ID	V121_2	- Province	BOHOL
- River	LOBOC	- Drainage Area	618.0 km <sup>2</sup>
- Basin Code	07278	- Water Resources Region	7
- Latitude	N 9° 39' 57"		
- Longitude	E 124° 2' 4"		
- Site Information	at the Bailey Bridge on the road connecting Bo. Tigbao with the Loboc-Bilar National Road, about 5-1/2 kms. upstream from the town of Loboc, and 2 kms. above Lotonan Falls.		
- Gauge Information	Staff read three times a day. Elevation of zero of gage is 27.03 m.		

- Period of Data Records	1957 ~ 1972	- Latest Update	7/14/97
--------------------------	-------------	-----------------	---------

- No.	7	- Location	PASIG
- Data Owner	I	- Town	CANDABA
- Station ID	L28_35	- Province	PAMPANGA
- River	PAMPANGA	- Drainage Area	7468.0 km <sup>2</sup>
- Basin Code	03059	- Water Resources Region	3
- Latitude	N 15° 5' 48"		
- Longitude	E 120° 49' 18"		
- Site Information	on the Candaba suspension bridge along the Sta. Ana-Candaba.		
- Gauge Information	Staff gage read three times daily. Elevation of zero of gage is 11.050 meters below mean sea level.		

- Period of Data Records	1958 ~ 1972	- Latest Update	7/14/97
--------------------------	-------------	-----------------	---------

- No.	8	- Location	SAN AGUSTIN
- Data Owner	I	- Town	ARAYAT
- Station ID	L28_27	- Province	PAMPANGA
- River	PAMPANGA	- Drainage Area	6487.0 km <sup>2</sup>
- Basin Code	03059	- Water Resources Region	3
- Latitude	N 15° 10' 6"		
- Longitude	E 120° 46' 48"		
- Site Information	at the highway bridge along the San Fernando-Arayat Road at Barrio San Agustin, Arayat, Pampanga.		
- Gauge Information	Staff gage read two times a day. Elevation of zero of gage is 3.479 meters below Mean Sea Level.		

- Period of Data Records	1957 ~ 1996	- Latest Update	7/7/97
--------------------------	-------------	-----------------	--------



- No.	9	- Location	LONGOS
- Data Owner	1	- Town	PULILAN
- Station ID	L28_46	- Province	BULACAN
- River	ANGAT	- Drainage Area	959.0 km <sup>2</sup>
- Basin Code	03055	- Water Resources Region	3
- Latitude	N 14° 53' 30"		
- Longitude	E 120° 51' 50"		
- Site Information	at the downstream side of the Plaridel Bridge on Highway No.5, Barrio Longos, Pulilan, Bulacan.		
- Gauge Information	Staff gage read three times a day. Elevation of zero of gage is 1.00 meters below Mean Sea Level. Prior to December 31, 1972, water stage recorder at same site and datum.		

- Period of Data Records	1958 ~ 1979	- Latest Update	7/14/97
--------------------------	-------------	-----------------	---------

- No.	10	- Location	PALUBLUBAN
- Data Owner	1	- Town	GEN. TRIAS
- Station ID	L31_1	- Province	CAVITE
- River	PANAYSAYAN	- Drainage Area	29.0 km <sup>2</sup>
- Basin Code	04904	- Water Resources Region	4
- Latitude	N 14° 22' 22"		
- Longitude	E 120° 52' 55"		
- Site Information	about 6 kms. south of the municipality of Gen. Trias, at Palubluban, province of Cavite, on the downstream side of the Palubluban Bridge and about 1 km. upstream of the confluence of the Panaysayan and Palubluban rivers.		
- Gauge Information	Water-stage recorder. Elevation of zero of gage is 28.972 meters above Mean Sea Level. Prior to December 12, 1958, staff gage at same site and datum.		

- Period of Data Records	1957 ~ 1995	- Latest Update	7/12/97
--------------------------	-------------	-----------------	---------

- No.	11	- Location	LARION ALTO
- Data Owner	1	- Town	TUGUEGARAO
- Station ID	LA_22	- Province	CAGAYAN
- River	PINACANAUAN	- Drainage Area	655.0 km <sup>2</sup>
- Basin Code	02010	- Water Resources Region	2
- Latitude	N 17° 37' 30"		
- Longitude	E 121° 46' 15"		
- Site Information	at the steel bridge near Penablanca in Barrio Larion Alto, Tuguegarao, Cagayan, about 5 kms. Downstream of the confluence of the Baliwag and Pinacannuan Rivers and approximately 7 kms from Tuguegarao.		
- Gauge Information	Staff gage read two times a day. Elevation of zero of gage is 18.184 meters above Mean Sea Level. Prior to April 26, 1957, staff gage read three times a day at same site and datum. Prior to January 1, 1966, water stage recorder at same site and datum.		

- Period of Data Records	1957 ~ 1996	- Latest Update	7/12/97
--------------------------	-------------	-----------------	---------

- No.	12	- Location	TENANE
- Data Owner	1	- Town	WRIGHT
- Station ID	V134_1	- Province	SAMAR
- River	TENANE	- Drainage Area	392.0 km <sup>2</sup>
- Basin Code	08251	- Water Resources Region	8
- Latitude	N 11° 48' 25"		
- Longitude	E 125° 8' 0"		
- Site Information	about 14 1/2 kms. from the town proper of Wright-Taft provincial road at Barrio Tenane.		
- Gauge Information	Water-stage recorder. Elevation of zero of gage is 53.540 meters above mean Sea Level. Prior to January 7, 1960, staff gage read two times a day at same site and datum.		

- Period of Data Records	1959 ~ 1996	- Latest Update	12/29/97
--------------------------	-------------	-----------------	----------

- No.	13	- Location	POBLACION
- Data Owner	I	- Town	BAYBAMBANG
- Station ID	L17_6	- Province	PANGASINAN
- River	AGNO	- Drainage Area	2284.0 km <sup>2</sup>
- Basin Code	03070	- Water Resources Region	3
- Latitude	N 15° 49' 7"		
- Longitude	E 120° 27' 22"		
- Site Information	at PNR bridge, Poblacion, Bayambang, Pangasinan.		
- Gauge Information	Staff gage read three times a day. Elevation of zero of gage is 0.099 meter below Mean Sea Level. Prior to November 22, 1963, elevation of zero of gage was 0.099 meter above Mean Sea Level and 500 meters downstream of present site.		

- Period of Data Records	1957 ~ 1976	- Latest Update	7/15/97
--------------------------	-------------	-----------------	---------

- No.	14	- Location	KOLAMBOG
- Data Owner	I	- Town	ISULAN
- Station ID	M163_18	- Province	COTABATO
- River	ALLAH	- Drainage Area	936.0 km <sup>2</sup>
- Basin Code	12345	- Water Resources Region	12
- Latitude	N 6° 31' 30"		
- Longitude	E 124° 36' 5"		
- Site Information	about 11 kms downstream of the confluence of the Allah and Sapakan Rivers, and approximately 100 meters west from the intersection of Nolala and Kalaway-Kolambog Road.		
- Gauge Information	Staff gage read three times a day. Elevation of zero of gage is 91.753 meters above MLLW. Prior to September 19, 1958, staff gage at same site and datum 0.407 meter lower.		

- Period of Data Records	1958 ~ 1989	- Latest Update	7/15/97
--------------------------	-------------	-----------------	---------

- No.	15	- Location	POBLACION	
- Data Owner	1	- Town	CARCAR	
- Station ID	V117_2	- Province	CEBU	
- River	CARCAR	- Drainage Area	31.0	km <sup>2</sup>
- Basin Code	07900	- Water Resources Region	7	
- Latitude	N 10° 6' 23"			
- Longitude	E 123° 38' 28"			
- Site Information	on the highway bridge along the Carcar-Cebu City National Road.			
- Gauge Information	Water-stage recorder. Elevation of zero of gage is 5.00 meters referred to BM# 1. Prior to March 5, 1961, staff gage at same site and datum.			

- Period of Data Records	1957 ~ 1996	- Latest Update	7/14/97
--------------------------	-------------	-----------------	---------

- No.	16	- Location	PITOGO	
- Data Owner	1	- Town	CONSOLACION	
- Station ID	V119_1	- Province	CEBU	
- River	PITOGO	- Drainage Area	40.0	km <sup>2</sup>
- Basin Code	07901	- Water Resources Region	7	
- Latitude	N 10° 22' 42"			
- Longitude	E 123° 57' 38"			
- Site Information	at the highway bridge on Km. 14 of Consolacion-Liloan National Road.			
- Gauge Information	Staff gage read two times a day. Prior to January 1, 1971, water-stage recorder at same site and datum. Elevation of zero of gage is 1.08 meters above Mean Sea Level. Prior to February 16, 1967, staff gage read two times a day at same site and datum.			

- Period of Data Records	1957 ~ 1977	- Latest Update	7/15/97
--------------------------	-------------	-----------------	---------

- No.	17	- Location	POBLACION
- Data Owner	1	- Town	BURAUEN
- Station ID	V126_1	- Province	LEYTE
- River	DAGUITAN	- Drainage Area	135.0 km <sup>2</sup>
- Basin Code	08266	- Water Resources Region	8
- Latitude	N 10° 58' 0"		
- Longitude	E 124° 53' 40"		
- Site Information	near the vicinity of Cantimawa School Building, about 200 meters from the bank of Daguitan River and approximately 8 kms. upstream from the mouth of Leyte Gulf.		
- Gauge Information	Water-stage recorder. Elevation of zero of gage is 24.62 m. referred to BM# 2 & 3. Prior to December 6, 1957, staff gage read three times a day at same site and datum.		
- Period of Data Records		1957 ~ 1996	- Latest Update 7/12/97

- No.	18	- Location	LINGAYON
- Data Owner	1	- Town	ALANGALANG
- Station ID	V125_2	- Province	LEYTE
- River	LINGAYON	- Drainage Area	10.0 km <sup>2</sup>
- Basin Code	08264	- Water Resources Region	8
- Latitude	N 11° 11' 10"		
- Longitude	E 124° 51' 45"		
- Site Information	at the Lingayon River bridge of the Tacloban-Ormoc National Highway at Bo. Lingayon, Alang-alang, Leyte.		
- Gauge Information	Staff gage read two times a day. Elevation of zero of gage is 16.50 meters above Mean Sea Level.		
- Period of Data Records		1957 ~ 1992	- Latest Update 7/14/97

- No.	19	- Location	PANDAN ORONG	
- Data Owner	1	- Town	KABANKALAN	
- Station ID	V111_3	- Province	NEGROS OCCIDENTAL	
- River	ILOG	- Drainage Area	1453.0	km <sup>2</sup>
- Basin Code	06235	- Water Resources Region	6	
- Latitude	N 9° 55' 30"			
- Longitude	E 122° 50' 20"			
- Site Information	about 8 kms. from the town of Kabankalan at Sitio Padan Orong, Negros Occidental and approximately 7 kms. upstream from the confluence of Ilog and Hilabangan Rivers.			
- Gauge Information	Water-stage records. Elevation of zero of gage is 4.286 meters above Mean Sea Level. Prior to May 29, 1957, staff gage read three times a day about 100 meters upstream of present site with elevation of zero of gage of 3.089 meters above MLLW.			

- Period of Data Records	1957 ~ 1979	- Latest Update	7/12/97
--------------------------	-------------	-----------------	---------

- No.	20	- Location	BANGAY	
- Data Owner	1	- Town	DINGRAS	
- Station ID	L6_1	- Province	ILOCOS NORTE	
- River	BONGA	- Drainage Area	534.0	km <sup>2</sup>
- Basin Code	01034	- Water Resources Region	1	
- Latitude	N 18° 5' 0"			
- Longitude	E 120° 42' 0"			
- Site Information	at Barrio Bangay, Dingras, Ilocos Norte about 500 meters southeast of the Bangay Barrio School building and about 2 kms. upstream of the junction with the Gasgas River.			
- Gauge Information	Water-stage recorder. Elevation of zero of gage is 23.926 meters above Mean Sea Level.			

- Period of Data Records	1957 ~ 1980	- Latest Update	7/12/97
--------------------------	-------------	-----------------	---------

- No.	21	- Location	MANALPAC	
- Data Owner	1	- Town	SOLSONA	
- Station ID	L6_2	- Province	ILOCOS NORTE	
- River	GASGAS	- Drainage Area	73.0	km <sup>2</sup>
- Basin Code	01034	- Water Resources Region	1	
- Latitude	N 18° 4' 47"			
- Longitude	E 120° 50' 6"			
- Site Information	about 7 kms east of the town proper at Manalpac, Solsona, Ilocos Norte. It is about 1 km upstream of the canal intake or about 950 meters upstream of the NIA gaging station and proposed diversion dam site for the Palsigwan Multi-purpose Project.			
- Gauge Information	Staff gage read three times a day. Elevation of zero of gage is 119.192 meter above Mean Sea Level. Prior to August 30, 1962, water-stage recorder at same site and datum.			
- Period of Data Records	1958	~	1988	- Latest Update
				7/16/97

- No.	22	- Location	POBLACION	
- Data Owner	1	- Town	LAOAG	
- Station ID	L6_3	- Province	ILOCOS NORTE	
- River	LAOAG	- Drainage Area	1355.0	km <sup>2</sup>
- Basin Code	01034	- Water Resources Region	1	
- Latitude	N 18° 12' 12"			
- Longitude	E 120° 35' 18"			
- Site Information	on the Guilbert bridge along the Manila North Road in Laoag, Ilocos Norte, approximately 17.5 kms. Downstream of the confluence of Laoag and Tonton Rivers.			
- Gauge Information	Staff gage read two times a day. Elevation of zero of gage is 0.572 meter above Mean Sea Level. Prior to October 1, 1963, staff gage read three times a day at same site and datum.			
- Period of Data Records	1958	~	1996	- Latest Update
				7/12/97

- No.	23	- Location	SAN MIGUEL	
- Data Owner	1	- Town	PANGANIBAN	
- Station ID	L70_1	- Province	CATANDUANES	
- River	PAYO	- Drainage Area	29.0	km <sup>2</sup>
- Basin Code	05902	- Water Resources Region	5	
- Latitude	N 13° 53' 9"			
- Longitude	E 124° 15' 57"			
- Site Information	approx. 1 1/2 kms. southwest upstream of the NIA damsite at brgy. San Miguel and about 1 1/2 kms. upstream of the wooden h-way along the Panganiban, Bagamanok Rd. Catand.			
- Gauge Information	Staff gage reads three times a day. Elev. of zero of gage is 8.903 m. ref. to BRBDP BM#1. Prior to Sept.30, 1977, elev. of zero gage is 18.20 m. ref. to BM#1			

- Period of Data Records	1957 ~ 1995	- Latest Update	7/12/97
--------------------------	-------------	-----------------	---------

- No.	24	- Location	STA. RITA	
- Data Owner	1	- Town	CUARTERO	
- Station ID	V97_3	- Province	CAPIZ	
- River	PANAY	- Drainage Area	880.0	km <sup>2</sup>
- Basin Code	06197	- Water Resources Region	6	
- Latitude	N 11° 17' 13"			
- Longitude	E 122° 35' 31"			
- Site Information	at Sta. Rita, Cuartero, Capiz.			
- Gauge Information	Staff gage read two times a day. Elevation of zero of gage is 6.627 meters referred to BM#1. Prior to November 21, 1960, staff gage 600 meters upstream of present site and at datum, 1.16 meters lower.			

- Period of Data Records	1957 ~ 1995	- Latest Update	7/15/97
--------------------------	-------------	-----------------	---------



- No.	25	- Location	TUMALAUD	
- Data Owner	I	- Town	MAMBUSAO	
- Station ID	Y97_1	- Province	CAPIZ	
- River	MAMBUSAO	- Drainage Area	307.0	km <sup>2</sup>
- Basin Code	06198	- Water Resources Region	6	
- Latitude	N 11° 25' 55"			
- Longitude	E 122° 34' 3"			
- Site Information	about 17 kms. Upstream of Panay River and approximately 1 km. East of the Tumalalud Bridge spanning the Tumalalud creek.			
- Gauge Information	Water-stage recorder. Elevation of zero of gage is 10.850 meters above M.L.W. Prior to March 28., 1957, staff gage read three times a day at same site and datum 1.00 meter higher.			

- Period of Data Records	1957 ~ 1972	- Latest Update	7/15/97
--------------------------	-------------	-----------------	---------

- No.	26	- Location	LAPULABAO	
- Data Owner	I	- Town	HAGONOY	
- Station ID	MI77_1	- Province	DAVAO DEL SUR	
- River	PADADA	- Drainage Area	821.0	km <sup>2</sup>
- Basin Code	11312	- Water Resources Region	11	
- Latitude	N 6° 40' 0"			
- Longitude	E 125° 17' 0"			
- Site Information	at Lapulabao, Hagonoy, Davao, and at about 180 meters downstream of the diversion works of the Padada River Irrigation System.			
- Gauge Information	Staff gage read three times a day. Elevation of zero of gage is 21.608 meters referred to M.L.W.			

- Period of Data Records	1957 ~ 1978	- Latest Update	7/14/97
--------------------------	-------------	-----------------	---------

- No.	27	- Location	PINA-ANAN	
- Data Owner	2	- Town		
- Station ID	M0001	- Province		
- River	TAGOLOAN	- Drainage Area	533.0	km <sup>2</sup>
- Basin Code	10331	- Water Resources Region	10	
- Latitude	N    °    '    "			
- Longitude	E    °    '    "			
- Site Information				
- Gauge Information				

- Period of Data Records	1974 ~ 1991	- Latest Update	7/14/97
--------------------------	-------------	-----------------	---------

- No.	28	- Location	UGUIABAN	
- Data Owner	2	- Town	MISAMIS ORIENTAL	
- Station ID	M0002	- Province	CAGAYAN DE ORO	
- River	CAGAYAN	- Drainage Area	632.0	km <sup>2</sup>
- Basin Code	10332	- Water Resources Region	10	
- Latitude	N    °    '    "			
- Longitude	E    °    '    "			
- Site Information				
- Gauge Information				

- Period of Data Records	1977 ~ 1990	- Latest Update	7/15/97
--------------------------	-------------	-----------------	---------

- No.	29	- Location	KABLI MBATUG
- Data Owner	2	- Town	BAUNGON
- Station ID	M0003	- Province	BUKIDNON
- River	BUBUNAWAN	- Drainage Area	187.0 km <sup>2</sup>
- Basin Code	12903	- Water Resources Region	12
- Latitude	N 8° 15' 48"		
- Longitude	E 125° 41' 43"		
- Site Information	about 12 Km. upstream of Cagayan-Bubunawan junction and about 1 Km. Northeast of Baungon-Mabunga provincial road.		
- Gauge Information			

- Period of Data Records	1991 ~ 1994	- Latest Update	7/15/97
--------------------------	-------------	-----------------	---------

- No.	30	- Location	BUSDI (NO.1)
- Data Owner	2	- Town	MALAYBALAY
- Station ID	M0004	- Province	BUKIDNON
- River	PULANGI	- Drainage Area	376.0 km <sup>2</sup>
- Basin Code	12413	- Water Resources Region	12
- Latitude	N ° ' "		
- Longitude	E ° ' "		
- Site Information			
- Gauge Information			

- Period of Data Records	1991 ~ 1994	- Latest Update	7/15/97
--------------------------	-------------	-----------------	---------

- No.	31	- Location	MARAGUING (NO.2)
- Data Owner	2	- Town	CABANGLASEN
- Station ID	M0005	- Province	BUKIDNON
- River	PULANGI	- Drainage Area	734.0 km <sup>2</sup>
- Basin Code	12413	- Water Resources Region	12
- Latitude	N 8° 9' 31"		
- Longitude	E 125° 19' 22"		
- Site Information			
- Gauge Information			

- Period of Data Records	1975 ~ 1994	- Latest Update	7/15/97
--------------------------	-------------	-----------------	---------

- No.	32	- Location	TUMARAS (NO.5)
- Data Owner	2	- Town	KIBAWÉ
- Station ID	M0006	- Province	BUKIDNON
- River	PULANGI	- Drainage Area	3915.0 km <sup>2</sup>
- Basin Code	12413	- Water Resources Region	12
- Latitude	N 7° 28' 23"		
- Longitude	E 125° 1' 54"		
- Site Information			
- Gauge Information			

- Period of Data Records	1988 ~ 1994	- Latest Update	7/15/97
--------------------------	-------------	-----------------	---------

- No.	33	- Location	HALAPITAN	
- Data Owner	2	- Town	SAN FERNANDO	
- Station ID	M0007	- Province	BUKIDNON	
- River	TIGUA	- Drainage Area	200.0	km <sup>2</sup>
- Basin Code	12356	- Water Resources Region	12	
- Latitude	N 7° 55' 12"			
- Longitude	E 125° 19' 49"			
- Site Information	North at San Fernando, Halapitan, Bukidnon.			
- Gauge Information				
- Period of Data Records	1980 ~ 1992	- Latest Update	7/15/97	

- No.	34	- Location	LUMBAYAO (NO. 3)	
- Data Owner	2	- Town	VALENCIA	
- Station ID	M0008	- Province	BUKIDNON	
- River	PULANGI	- Drainage Area	1398.0	km <sup>2</sup>
- Basin Code	12413	- Water Resources Region	12	
- Latitude	N 7° 56' 50"			
- Longitude	E 125° 15' 0"			
- Site Information	North at Lumbayao, Valencia, Bukidnon.			
- Gauge Information				
- Period of Data Records	1974 ~ 1992	- Latest Update	7/15/97	

- No.	35	- Location	OMONAY (NO.3)
- Data Owner	2	- Town	DAMULOG
- Station ID	M0009	- Province	BUKIDNON
- River	MULETA	- Drainage Area	1001.0 km <sup>2</sup>
- Basin Code	12351	- Water Resources Region	12
- Latitude	N 7° 26' 10"		
- Longitude	E 124° 52' 32"		
- Site Information	North enamelled at the Northern pier of a concrete bridge of the Bukidnon Cotabato National Highway.		
- Gauge Information	Elevation is 94.82 meters.		

- Period of Data Records	1977 ~ 1992	- Latest Update	7/15/97
--------------------------	-------------	-----------------	---------

- No.	36	- Location	PANADTALAN (NO.4)
- Data Owner	2	- Town	MARAMAG
- Station ID	M0010	- Province	BUKIDNON
- River	PULANGI	- Drainage Area	3100.0 km <sup>2</sup>
- Basin Code	12413	- Water Resources Region	12
- Latitude	N 7° 47' 11"		
- Longitude	E 125° 1' 24"		
- Site Information	North at Panadtalan, Maramag, Bukidnon.		
- Gauge Information	Wooden S.G. read 2 X daily.		

- Period of Data Records	1953 ~ 1981	- Latest Update	7/15/97
--------------------------	-------------	-----------------	---------

- No.	37	- Location	PHAR
- Data Owner	2	- Town	
- Station ID	V0011	- Province	BOHOL
- River	WAIHIG-PAMACALAN	- Drainage Area	141.0 km <sup>2</sup>
- Basin Code	07905	- Water Resources Region	7
- Latitude	N    °    '    "		
- Longitude	E    °    '    "		
- Site Information			
- Gauge Information			
- Period of Data Records	1977 ~ 1990	- Latest Update	7/15/97

- No.	38	- Location	DATU
- Data Owner	1	- Town	PAGLAS
- Station ID	MI63_A	- Province	MAGUINDANAO
- River	ALIP	- Drainage Area	380.0 km <sup>2</sup>
- Basin Code	12906	- Water Resources Region	12
- Latitude	N    6°    44'    17"		
- Longitude	E    124°    50'    59"		
- Site Information	located at the center pier of Datu Paglas Bridge, along the National Road of Tacurong-Makilala National Highway and approximately 400 meters from the Municipal Hall Building of Datu Paglas, Maguindanao.		
- Gauge Information	Staff gage reads three times a day. Elevation of zero of gage is 18.827 meter.		
- Period of Data Records	1981 ~ 1988	- Latest Update	7/15/97

- No.	39	- Location	SANTA MARIA
- Data Owner	1	- Town	SAN NICOLAS
- Station ID	L17_4	- Province	PANGASINAN
- River	AMBAYOAN	- Drainage Area	281.0 km <sup>2</sup>
- Basin Code	03070	- Water Resources Region	3
- Latitude	N 16° 7' 10"		
- Longitude	E 122° 46' 50"		
- Site Information	about 7 kms north of the Cabalitian River bridge along the San Nicolas-Sta. Fe road and about 10 kms from the Poblacion of San Nicolas, Pangasinan.		
- Gauge Information	Water-stage recorder. Elevation of zero of gage is 107.789 meters above Mean Sea Level. Prior to August 29, 1964, staff gage read two times a day at same site and datum.		

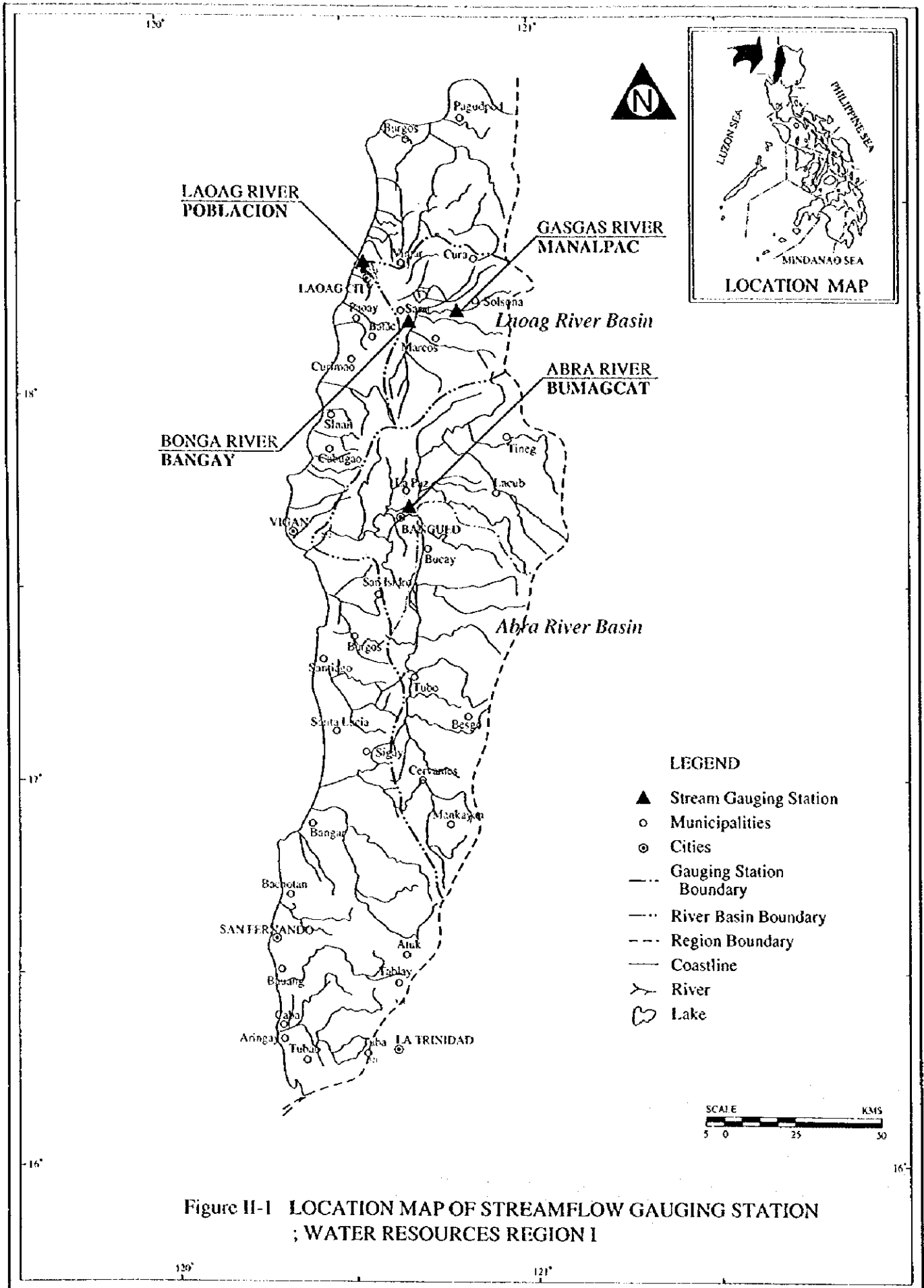
- Period of Data Records	1958 ~ 1972	- Latest Update	
--------------------------	-------------	-----------------	--

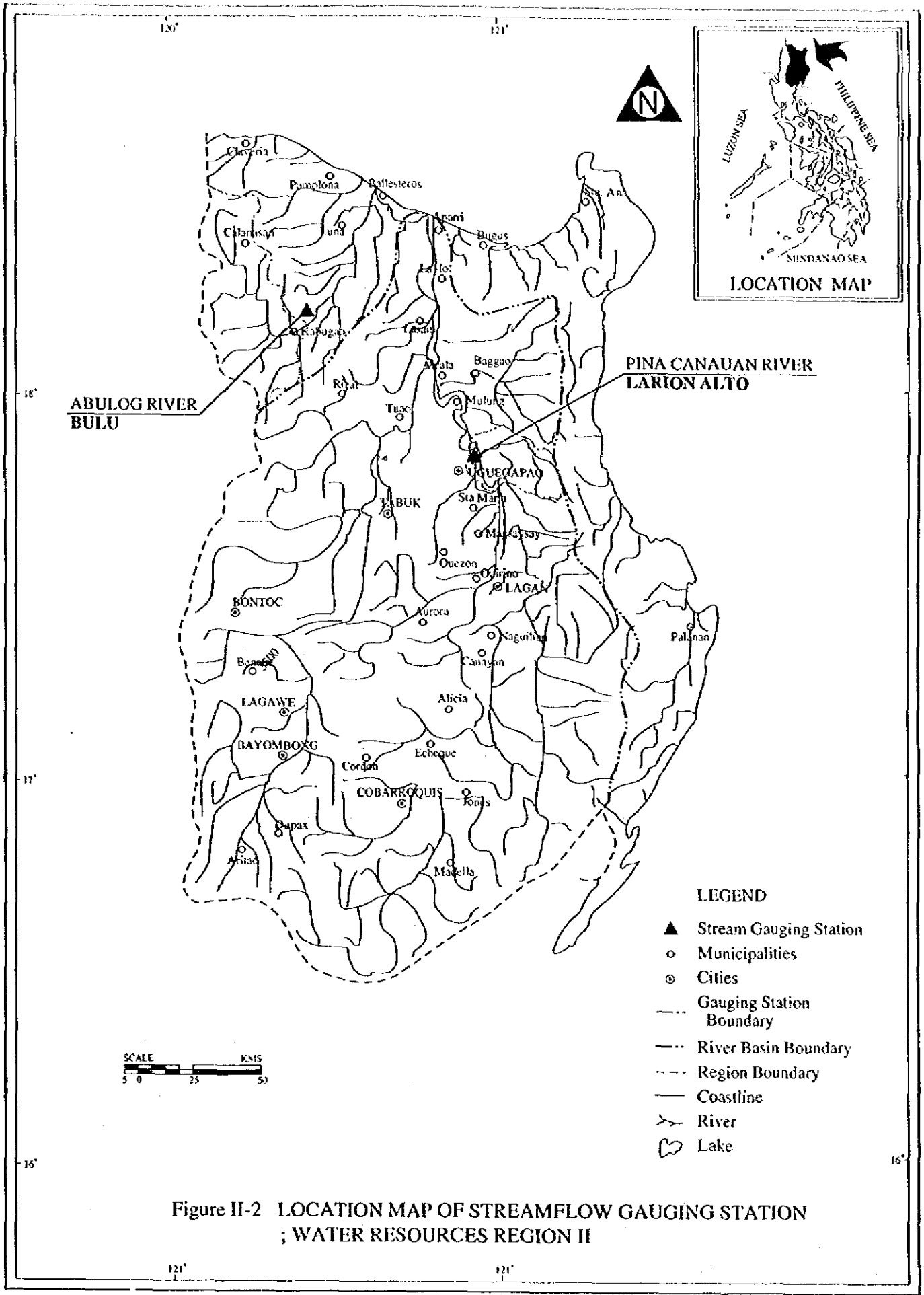
- No.	40	- Location	BULU
- Data Owner	2	- Town	KABUGAO
- Station ID	L0012	- Province	KALINGA APAYAO
- River	ABULOG	- Drainage Area	1609.0 km <sup>2</sup>
- Basin Code	02028	- Water Resources Region	2
- Latitude	N 18° 2' 38"		
- Longitude	E 121° 13' 15"		
- Site Information			
- Gauge Information			

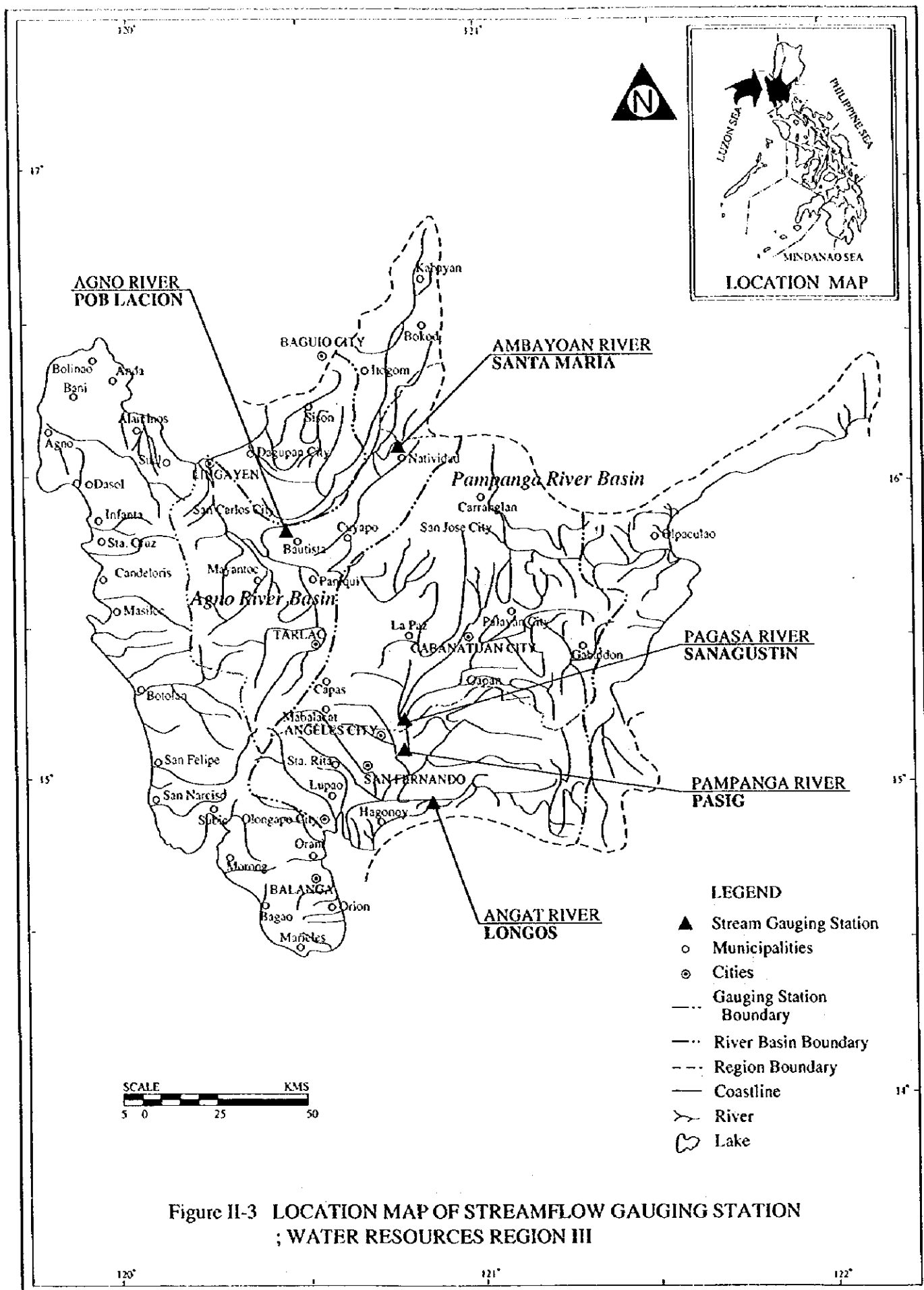
- Period of Data Records	1967 ~ 1994	- Latest Update	7/16/97
--------------------------	-------------	-----------------	---------

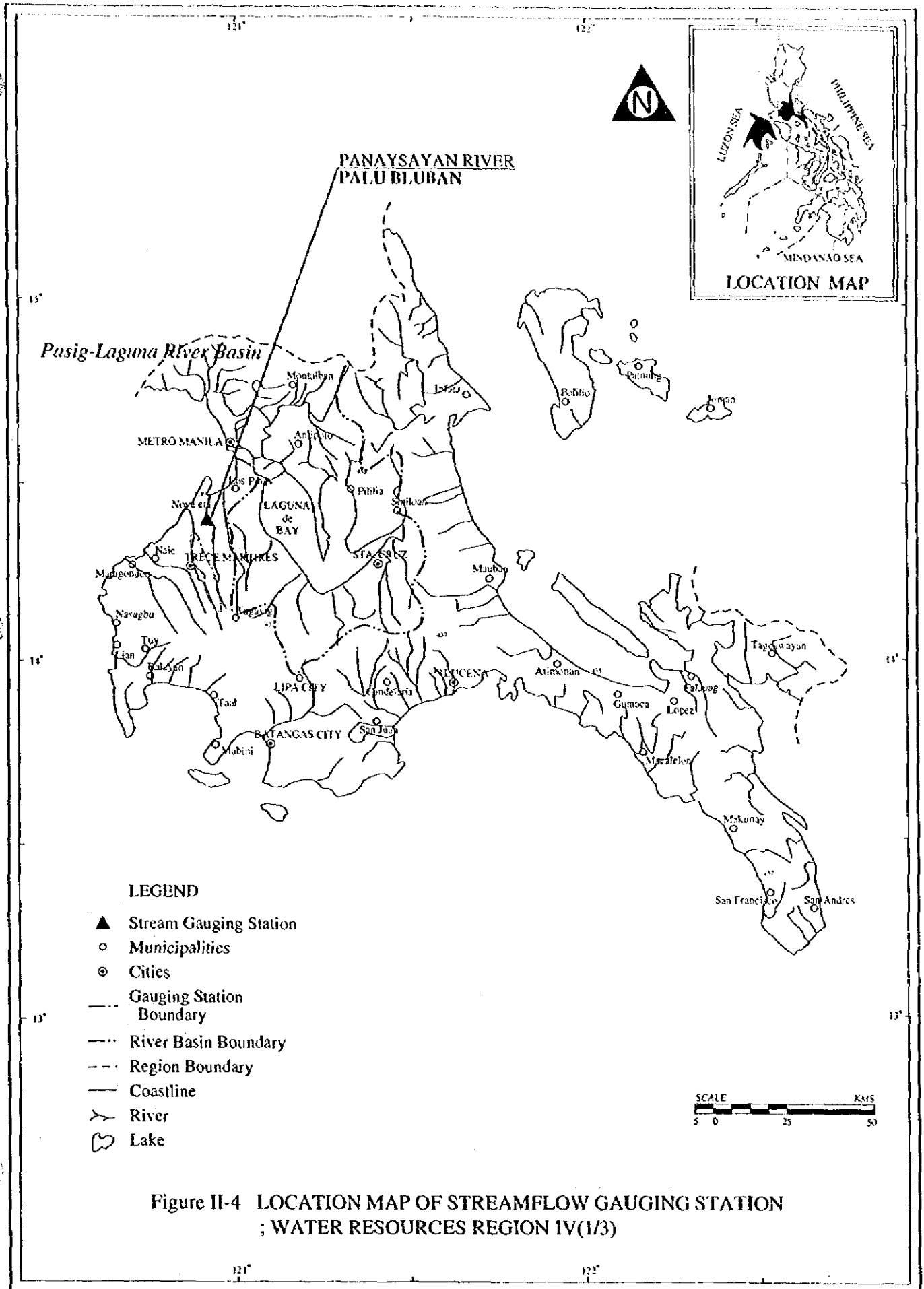


- No.	41	- Location	OTOYAN	
- Data Owner	2	- Town	SAN JOSE	
- Station ID	V0013	- Province	OCCIDENTAL MINDORO	
- River	CAGURAY	- Drainage Area	136.0	km <sup>2</sup>
- Basin Code	04151	- Water Resources Region	4	
- Latitude	N 12° 20' 18"			
- Longitude	E 121° 11' 8"			
- Site Information				
- Gauge Information				
- Period of Data Records		1956 ~ 1969	- Latest Update	
			7/16/97	









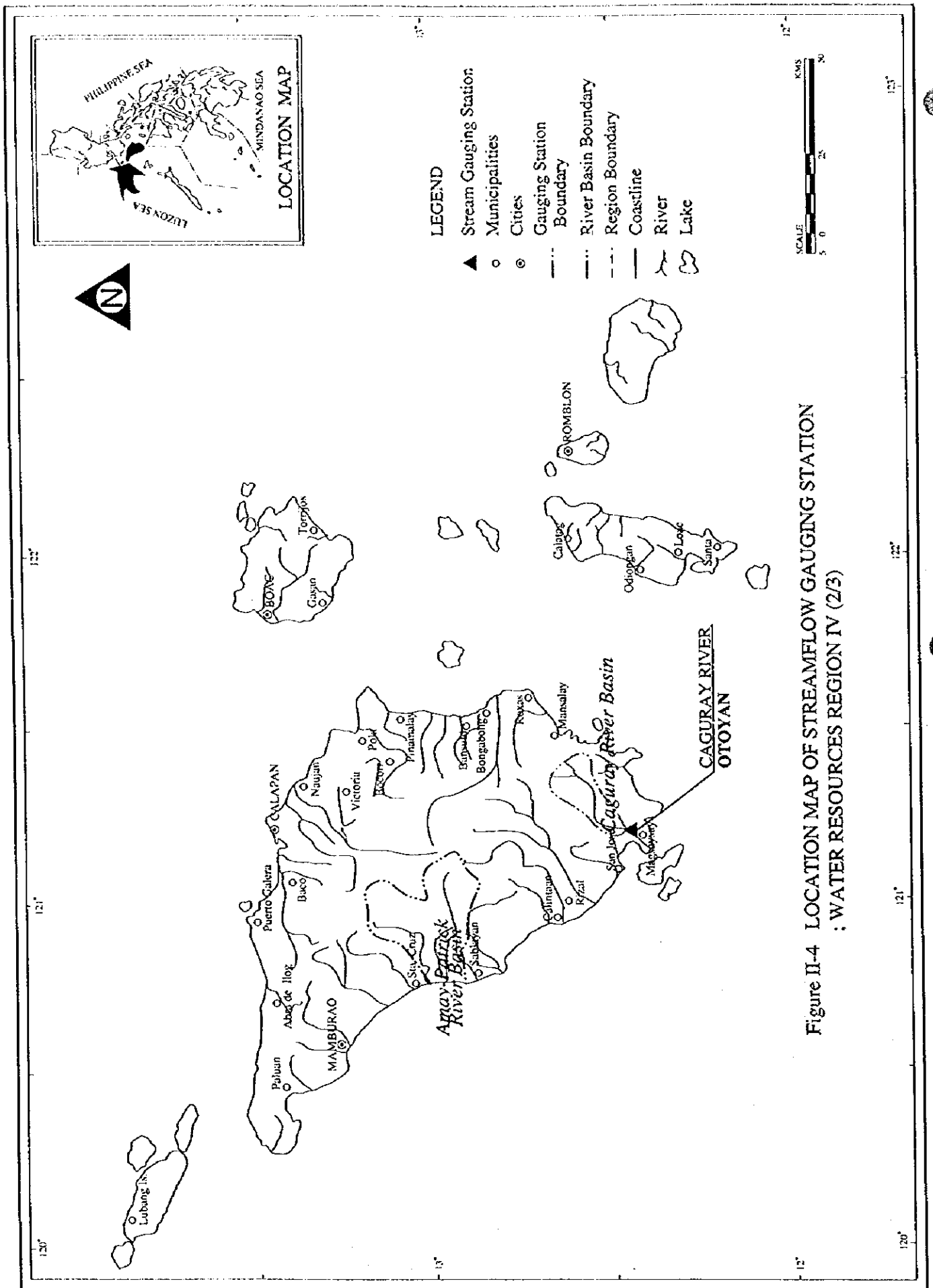
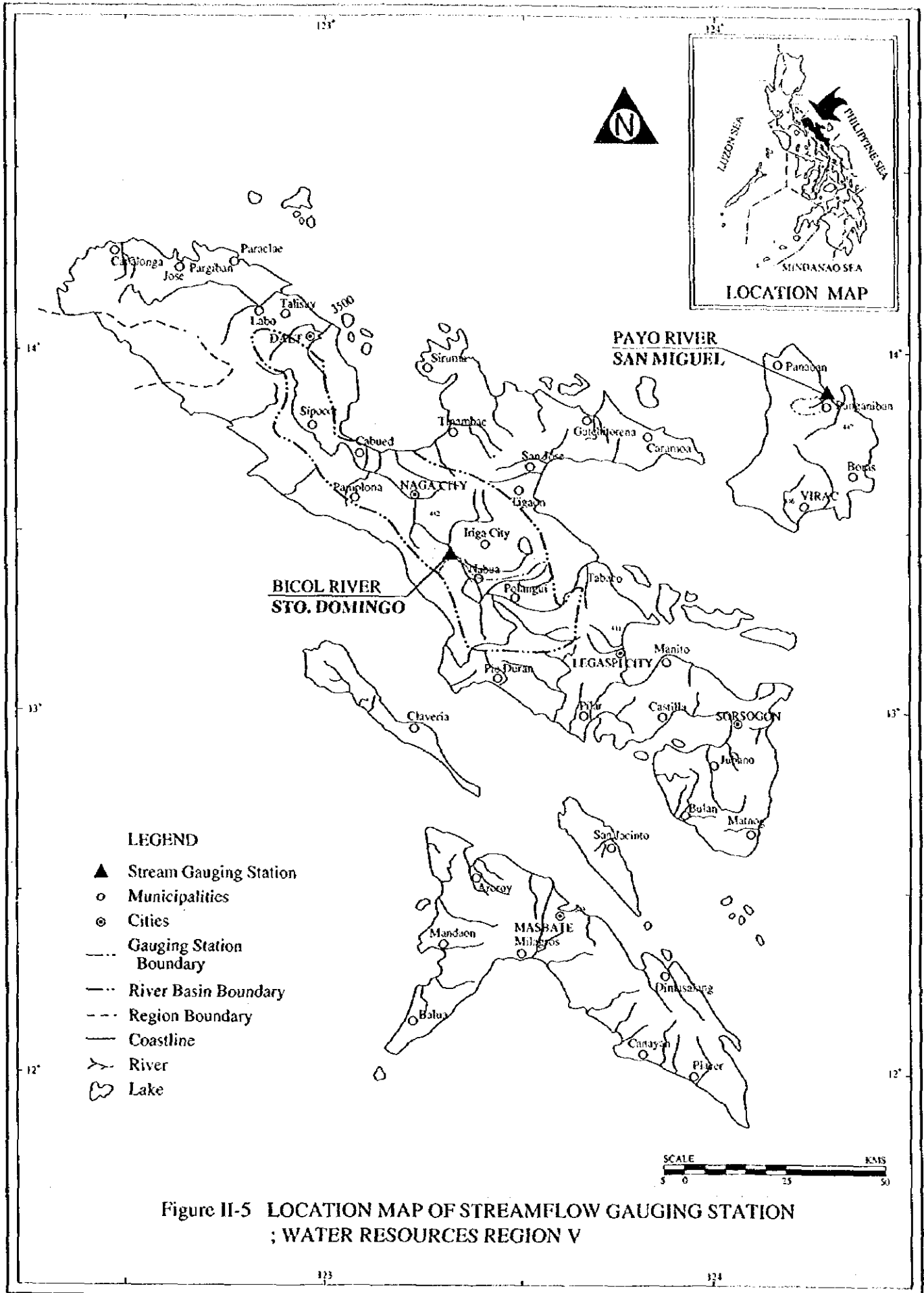


Figure II-4 LOCATION MAP OF STREAMFLOW GAUGING STATION ; WATER RESOURCES REGION IV (2/3)



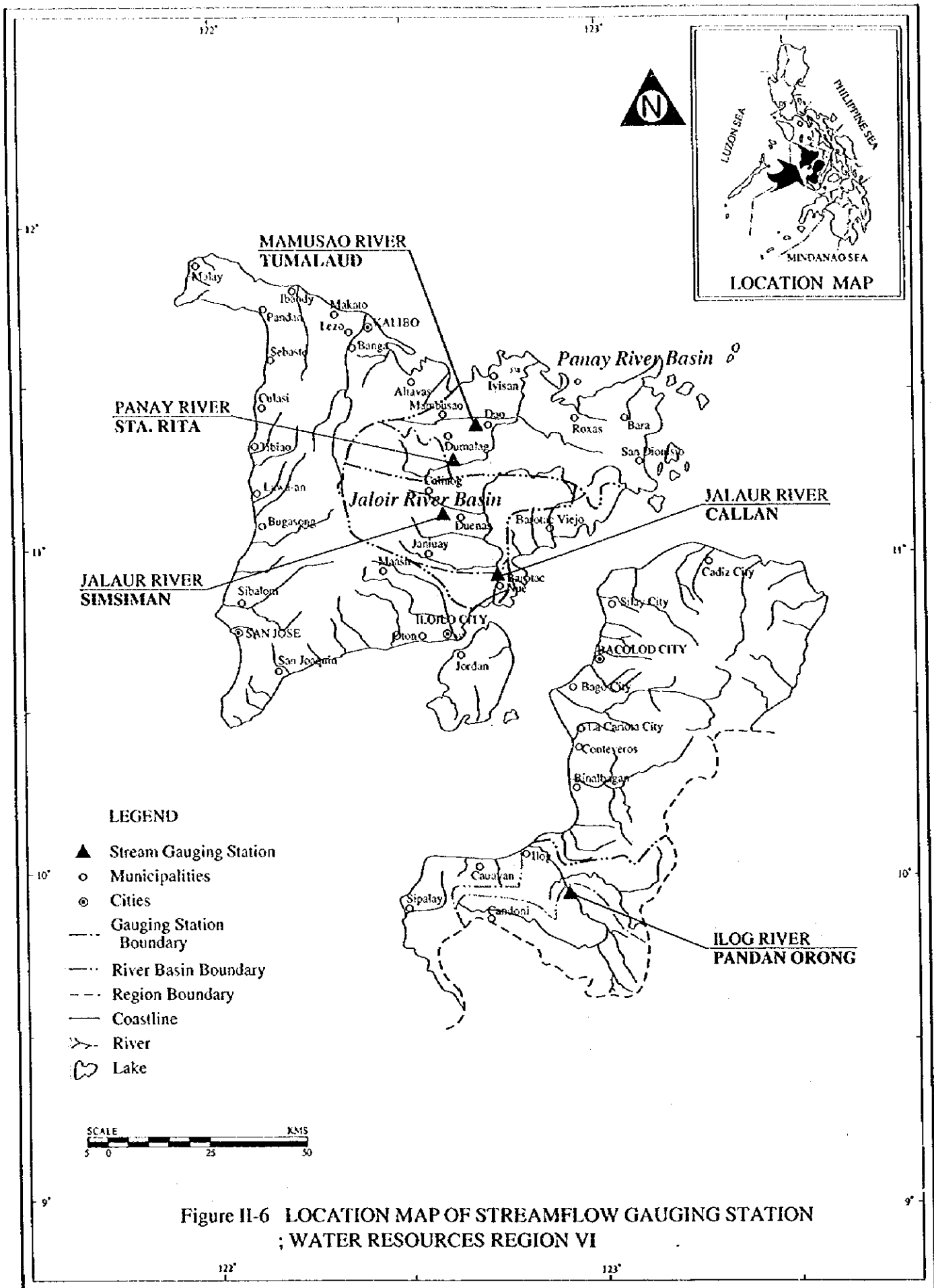
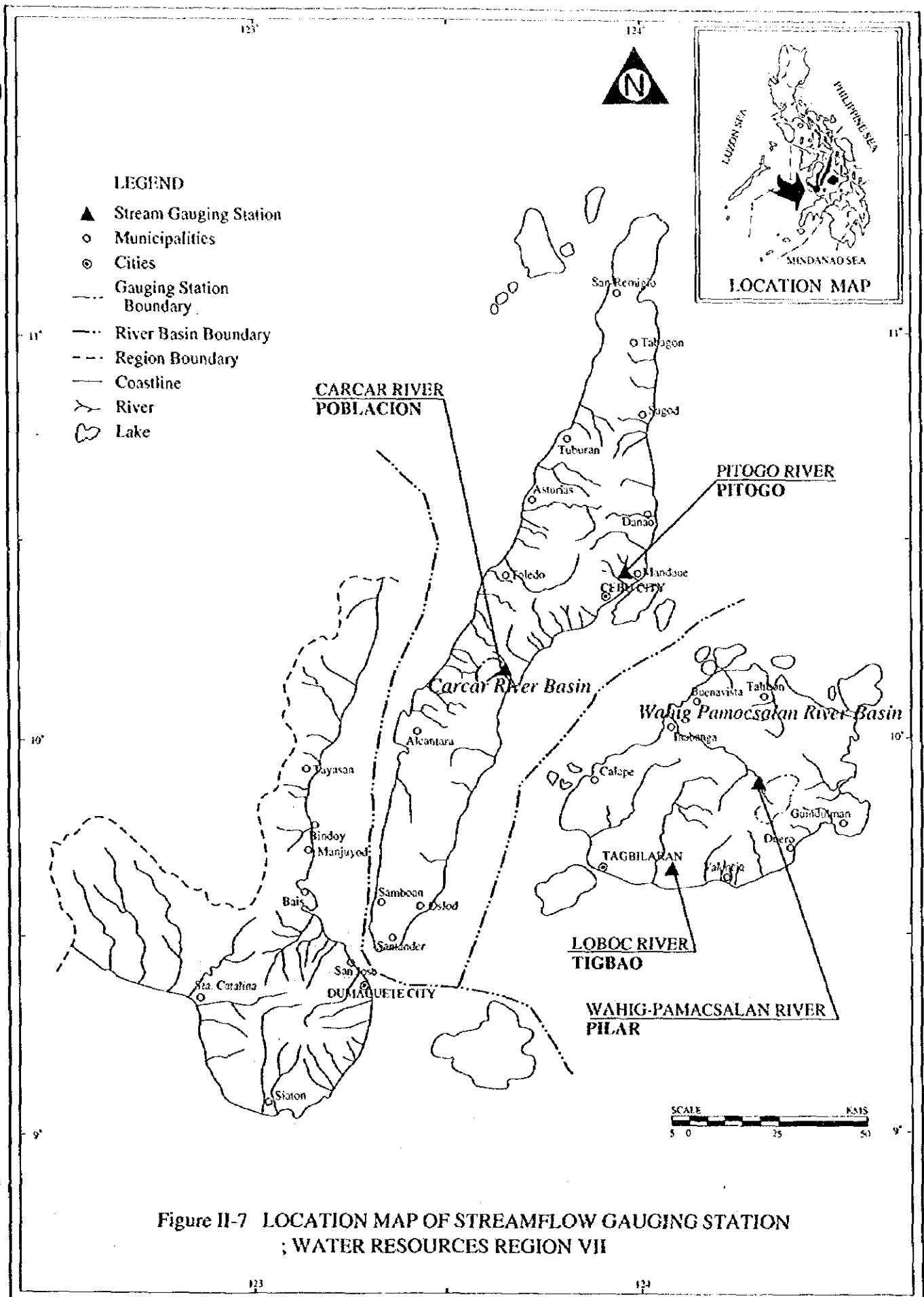
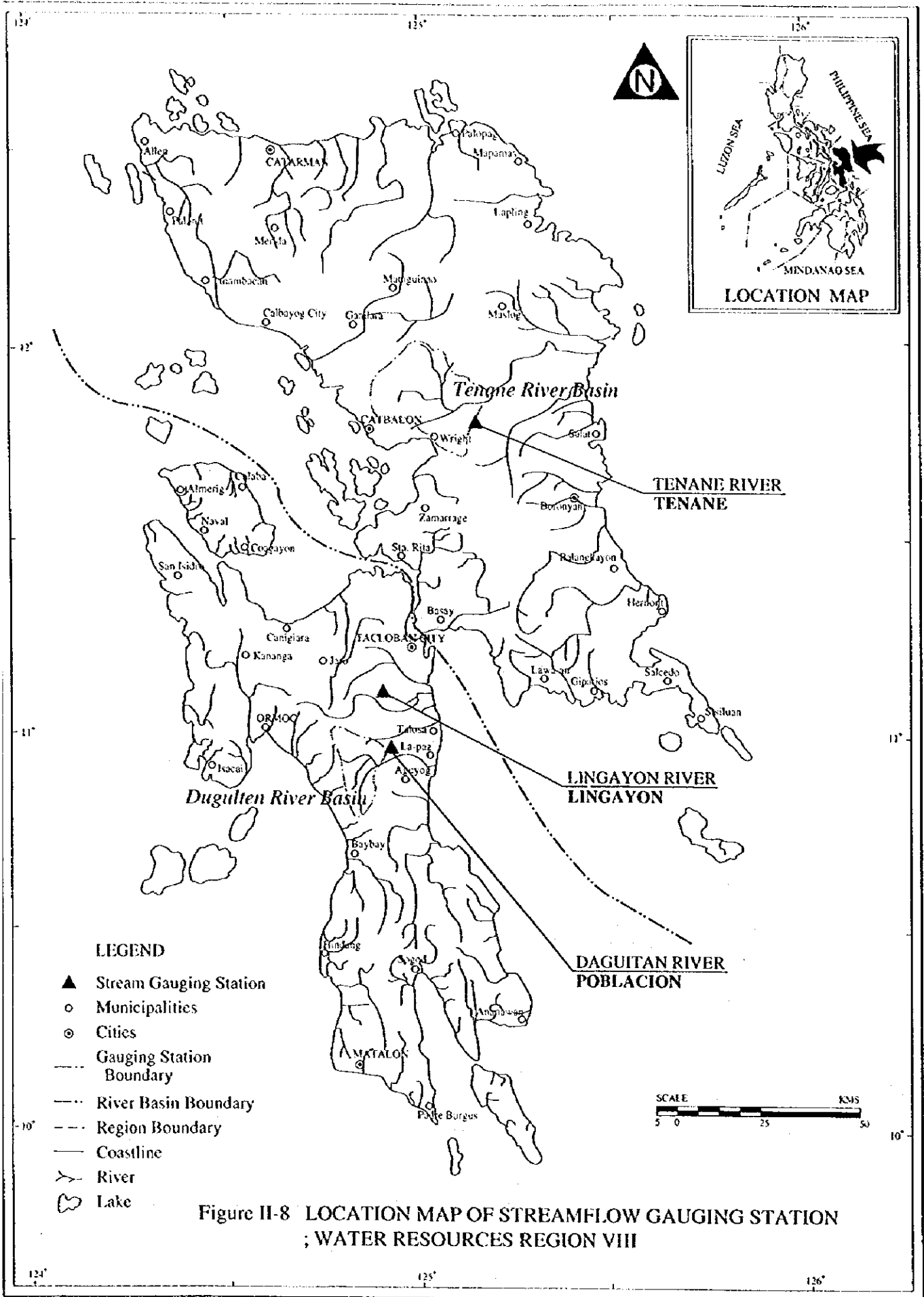
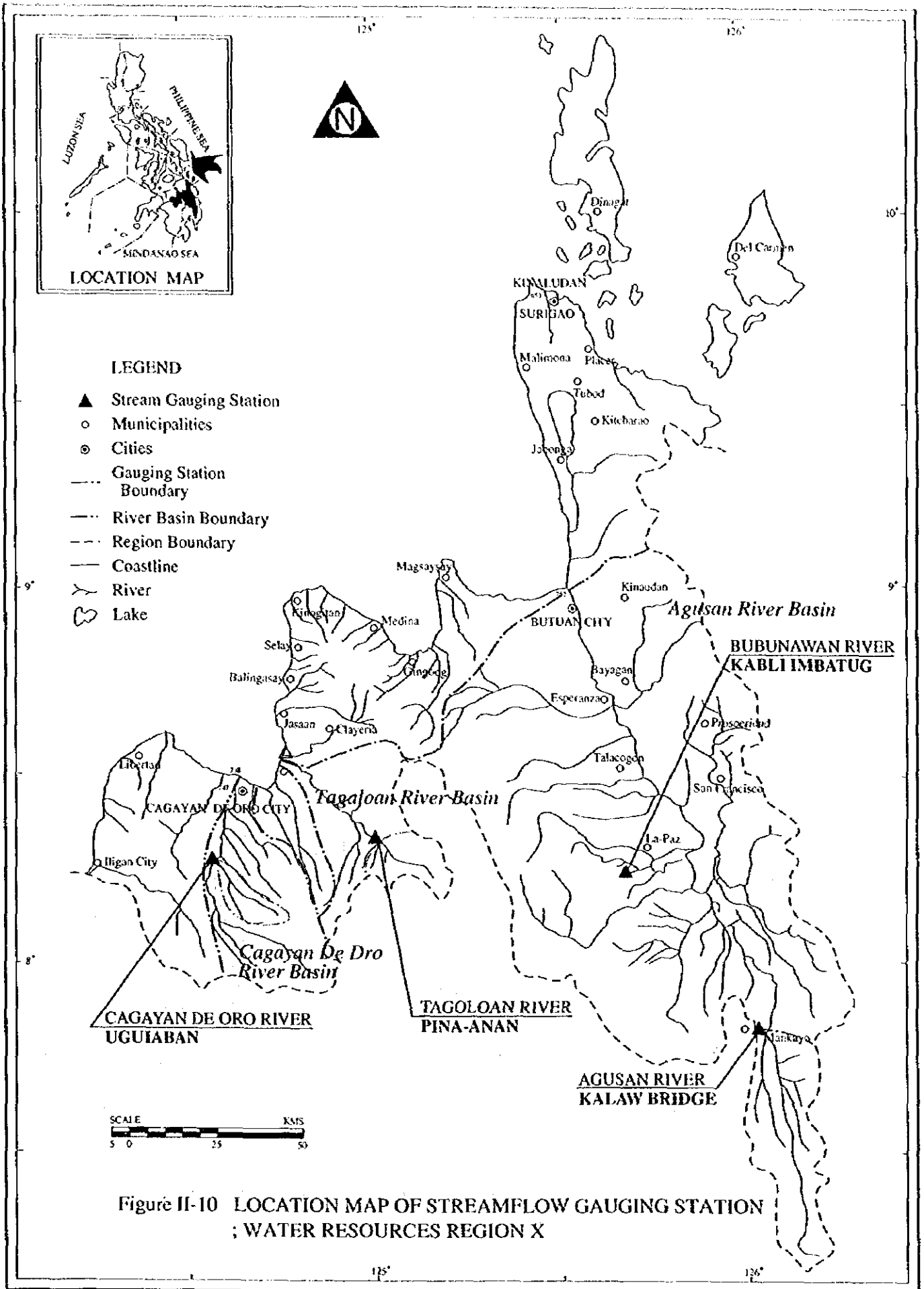


Figure II-6 LOCATION MAP OF STREAMFLOW GAUGING STATION ; WATER RESOURCES REGION VI









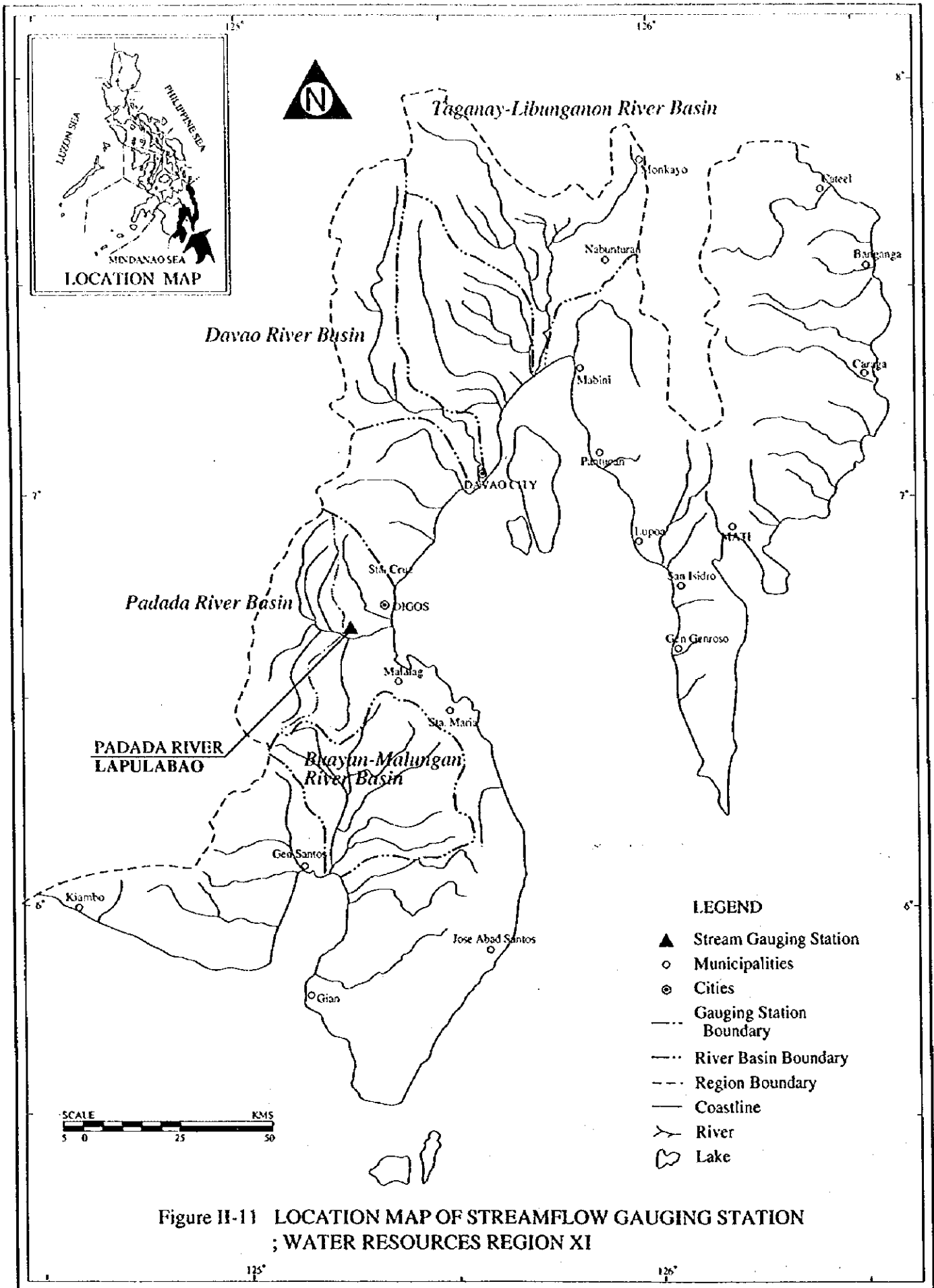


Figure II-11 LOCATION MAP OF STREAMFLOW GAUGING STATION ; WATER RESOURCES REGION XI

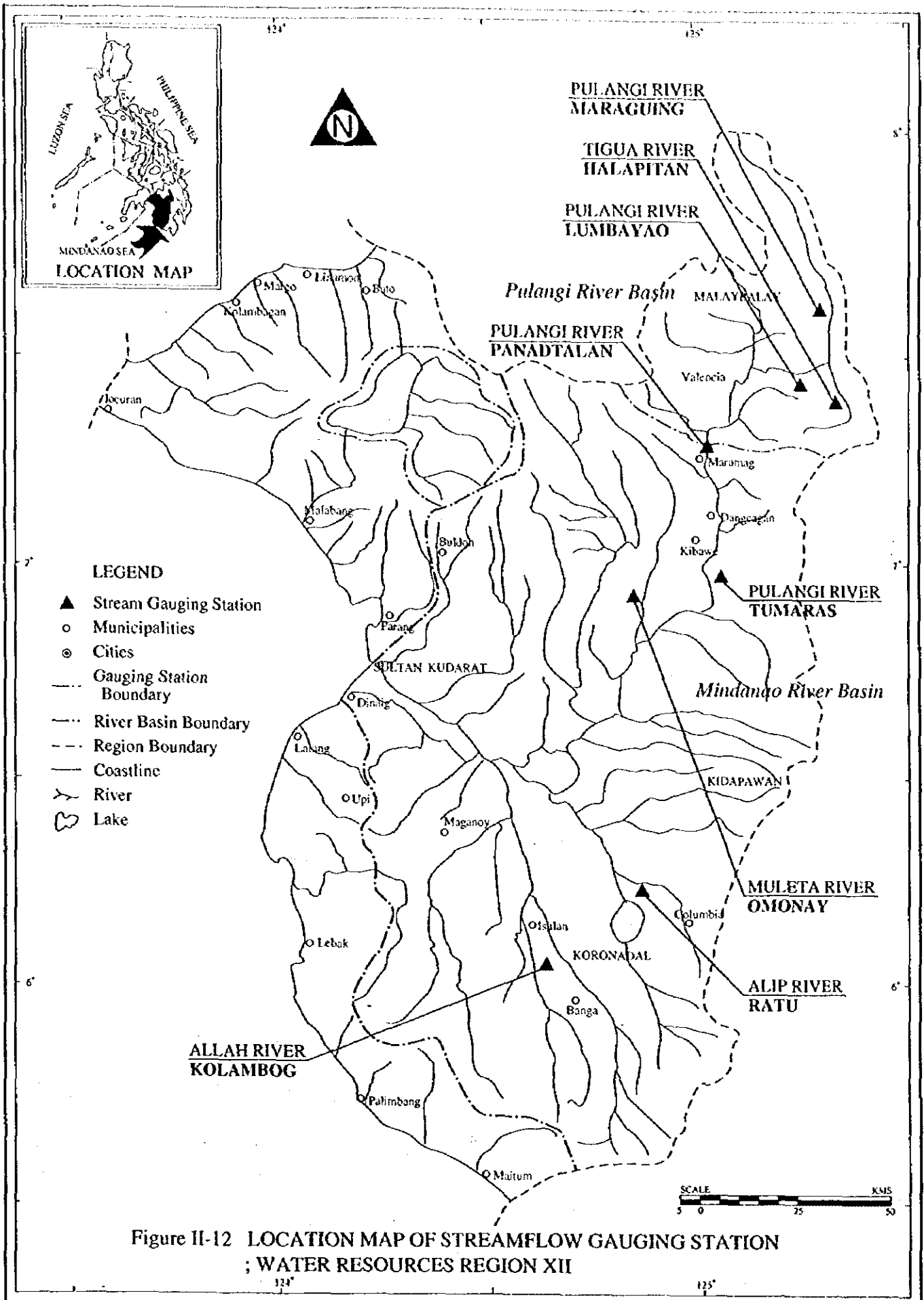


Figure II-12 LOCATION MAP OF STREAMFLOW GAUGING STATION ; WATER RESOURCES REGION XII