

Chapter 3

RUNOFF RECORDS

1950



MONTHLY MEAN DISCHARGE

STATION ; BANUGAO

River system	AGOS	Name of stream ;	AGOS	Drainage area (km ²)	911	Year					
Year Month	1920	1921	1922		1949	1950	1951	1952	1953	1954	Year Month
Jan		165.6	169.6			237.2	198.2	240.3	180.0	160.5	Jan
Feb		151.8	66.0			118.9	118.4	135.4	188.1	106.4	Feb
Mar		166.9	82.5			135.3	44.1	49.8	54.8	183.5	Mar
Apr		24.7	45.1			55.7	36.8	47.5	56.2	45.2	Apr
May		15.2	44.4		27.5	31.1	94.2	32.7	27.9	32.1	May
June		17.5	28.6		23.1	30.1	49.2	55.3	56.1	26.5	June
July		243.5	75.7		32.9	59.7	54.0	50.3	34.4	32.7	July
Aug	62.7*	321.8	87.4		27.1	73.1	163.0	157.8	106.8	45.1	Aug
Sept	230.3	178.8	166.5		58.9	55.3	67.5	108.3	49.3	51.1	Sept
Oct	151.3	127.4	149.6		102.3	211.0	81.4	434.7	182.1	62.6	Oct
Nov	400.4	1,027.1*	285.8		302.1	217.4	405.8	109.9	190.3	123.8	Nov
Dec	392.6	314.7*	409.2		342.3	274.7	386.4	297.2	410.1	414.5	Dec
Yearly mean	-	229.6*	134.2		-	125.0	141.6	143.3	128.0	107.0	Yearly mean
Accum											Accum
Nos											Nos
Thru mean											Thru mean

Year Month	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	Year Month
Jan	333.8	163.5	254.1	146.0	140.8	154.1	196.1	167.2	147.8	154.0	Jan
Feb	74.2	118.3	80.0	78.6	92.2	183.2	154.7	133.0	161.7	151.6	Feb
Mar	47.0	151.4	41.2	73.3	137.1	55.4	119.0	77.7	81.0	126.2	Mar
Apr	50.0	173.1	31.4	86.0	33.5	46.8	77.4	76.7	69.6	80.1	Apr
May	32.0	76.1	21.7	78.2	21.2	70.0	100.7	34.9	25.0	45.4	May
June	65.0	75.9	23.7	74.3	26.4	88.1	76.3	34.8	48.3	65.9	June
July	56.1	97.9	39.5	91.4	41.8	77.2	64.7	99.4	61.8	96.2	July
Aug	37.5	99.7	81.9	66.2	60.1	238.6	60.6	79.0	103.7	113.7	Aug
Sept	71.5	154.2	62.0	90.4	69.8	140.4	112.2	203.4	143.3	115.7	Sept
Oct	160.0	260.8	89.0	203.7	86.2	247.5	197.5	112.7	113.1	120.1	Oct
Nov	282.6	275.7	106.1	190.5	220.9	189.8	289.5	206.8	106.9	316.4	Nov
Dec	191.6	550.1	73.5	69.0	205.3	192.3	117.5	185.9	192.5	297.8	Dec
Yearly mean	116.8	183.1	75.3	104.0	94.6	140.3	130.5	117.6	104.6	140.2	Yearly mean
Accum											Accum
Nos											Nos
Thru mean											Thru mean

Unit: m³/sec

N.K. Form #1211

* mark means incomplete record.

194

MONTHLY MEAN DISCHARGE

STATION ; BANUGAO

River system	AGOS		Name of stream ;	AGOS		Drainage area (km ²) ;	911		Year
Year Month	1965	1966	1967	1968	1969	1970	1971	1972	Year Month
Jan	193.8	100.7	201.7	149.5	82.1	146.6	128.6	137.7	Jan
Feb	113.7	75.7	77.3	149.5	34.5	56.5	175.5	66.6	Feb
Mar	70.9	30.1	74.5	149.1	43.1	24.6	161.5	77.7	Mar
Apr	31.2	20.9	55.5	98.4	27.4	41.5	48.9	67.0	Apr
May	26.6	74.0	45.0	32.9	15.5	16.5	195.0	64.9	May
June	27.3	31.6	65.3	29.4	12.6	24.4	239.7	66.2	June
July	68.1	33.9	51.0	48.8	37.4	37.5	267.3	315.0	July
Aug	58.4	37.2	105.5	90.6	57.7	27.0	103.2	193.1	Aug
Sept	72.6	83.6	79.4	93.7	69.1	118.8	53.6	130.0	Sept
Oct	143.9	195.5	64.8	127.9	70.1	209.8	233.5	109.3	Oct
Nov	223.9	284.1	223.0	131.7	111.9	391.5	256.1	192.6	Nov
Dec	306.7	261.4	183.3	78.9	300.8	228.6	343.0	231.5	Dec
Yearly mean	111.4	102.4	102.2	98.4	71.8	110.3	183.8	137.6	Yearly mean
Accum									Accum
Nos									Nos
Thru mean									Thru mean

Year Month										Year Month
Jan										Jan
Feb										Feb
Mar										Mar
Apr										Apr
May										May
June										June
July										July
Aug										Aug
Sept										Sept
Oct										Oct
Nov										Nov
Dec										Dec
Yearly mean										Yearly mean
Accum										Accum
Nos										Nos
Thru mean										Thru mean

Unit: m³/sec

N.K. Form #1211

MONTHLY MEAN DISCHARGE

* for reference only

STATION: Banugao, Infanta, Quezon

River system: Agos Name of stream: Agos Drainage area (km²): 911 Year: _____

Year Month	1973	1974	1975	1976	1977	1978	1979				Year Month
Jan	90.9	192.3			208.9	96.7	106.2				Jan
Feb	105.3	122.4			191.7	72.7	52.3				Feb
Mar	56.5	108.6			130.9	42.2					Mar
Apr	48.6	33.4		27.0	54.1	19.8					Apr
May	79.2	85.8		24.4*	45.6	32.2					May
June	59.8			88.8	33.1	43.5					June
July	64.3			87.0	101.0	45.0					July
Aug	44.8			94.7	85.8	130.5					Aug
Sept	55.4			101.1	123.8	148.9					Sept
Oct	184.7			111.5	98.7	326.3					Oct
Nov	316.0			298.3	262.4	216.5					Nov
Dec	412.6			225.4	128.1	285.3					Dec
Yearly mean	126.51				122.01	121.63					Yearly mean
Accum											Accum
Nos											Nos
Thru mean											Thru mean

Year Month											Year Month
Jan											Jan
Feb											Feb
Mar											Mar
Apr											Apr
May											May
June											June
July											July
Aug											Aug
Sept											Sept
Oct											Oct
Nov											Nov
Dec											Dec
Yearly mean											Yearly mean
Accum											Accum
Nos											Nos
Thru mean											Thru mean

Unit: _____

MONTHLY MEAN DISCHARGE

STATION; BAYOKAN

River system.	AGOS	Name of stream ;	AGOS	Drainage area (km ²);	869	Year			
Year Month	1944		1946	1947	1948	1949	1950	Mean 1945-1950	Year Month
Jan	330.1			132.6	131.0	140.1*	223.0	156.7	Jan
Feb	177.3		85.7*	65.3	90.8	132.5*	108.9	96.6	Feb
Mar	123.8		96.5	125.3	56.2	80.9*	135.9	99.0	Mar
Apr	58.9		55.9	47.5	42.1	33.3	55.6	46.9	Apr
May	37.7		40.0	44.1	32.3	31.1	33.6	36.2	May
June	32.1		45.8	42.1	30.1	29.0	31.2	35.6	June
July	52.3		65.9	46.8	79.7	32.7	53.8	55.8	July
Aug	96.0		63.2	157.9	132.2	30.9	67.6	90.4	Aug
Sept	58.0		99.7	92.0	192.5	49.5	54.2	97.6	Sept
Oct	374.9		245.5	194.2	154.9	89.1	222.5	181.2	Oct
Nov	225.1		176.6	288.0	197.5	274.9	218.3	231.1	Nov
Dec	484.7*		241.8	269.7	247.6	309.3	218.7	257.4	Dec
Yearly mean	170.9*		-	125.5	115.6	102.8*	118.6	115.4	Yearly mean
Accum									Accum
Nos									Nos
Thru mean									Thru mean

Year Month										Year Month
Jan										Jan
Feb										Feb
Mar										Mar
Apr										Apr
May										May
June										June
July										July
Aug										Aug
Sept										Sept
Oct										Oct
Nov										Nov
Dec										Dec
Yearly mean										Yearly mean
Accum										Accum
Nos										Nos
Thru mean										Thru mean

Unit: m³/sec

N.K. Form No 1211

* mark means incomplete record

MONTHLY MEAN DISCHARGE

STATION : MATATIO

River system: AGOS Name of stream : KANAN Drainage area (km²): 361 Year: _____

Year Month	1946	1947	1948	1949	1950			Mean of 5 years		Year Month
Jan	122.6**	110.2	116.7*	131.1*	132.3			122.6*		Jan
Feb	91.1**	79.0	75.6	109.5*	100.2			91.1*		Feb
Mar	76.5*	104.4	96.3**	79.3*	125.0			96.3*		Mar
Apr	68.1	56.4*	50.1**	27.7	48.1			50.1*		Apr
May	42.5	46.2	40.8	21.8	27.2			35.7		May
June	33.8	35.9	32.5	13.4	23.7			27.9		June
July	32.1	41.8	49.4	18.6	29.8			34.3		July
Aug	26.8	83.7	55.9	12.3	42.7			44.3		Aug
Sept	50.8	58.5	77.5	41.4	35.2			52.7		Sept
Oct	157.0	129.4	113.7	81.7	109.2			118.2		Oct
Nov	132.8	152.0	114.6	185.7	149.5			146.9		Nov
Dec	181.1*	174.6	175.5	168.9	176.0			175.2*		Dec
Yearly mean	84.6*	89.3	83.2*	74.3*	83.2			82.9*		Yearly mean
Accum										Accum
Nos										Nos
Thru mean										Thru mean

Year Month										Year Month
Jan										Jan
Feb										Feb
Mar										Mar
Apr										Apr
May										May
June										June
July										July
Aug										Aug
Sept										Sept
Oct										Oct
Nov										Nov
Dec										Dec
Yearly mean										Yearly mean
Accum										Accum
Nos										Nos
Thru mean										Thru mean

Unit: m³/sec

N.K. Form No 1211

* mark means incomplete record

** computed as the mean of other years.

198

MONTHLY MEAN DISCHARGE

STATION: DARAITAN

River system	AGOS	Name of stream ; KALIWA					Drainage area (km ²) ; 326	Year		
Year Month	1936	1937	1938	1939	1940	1941	1942	1946	1947	Year Month
Jan		17.1	17.1	19.6	13.0	7.7		16.1*	10.9	Jan
Feb		7.8	5.9	9.1	6.2	3.8		7.5*	3.5	Feb
Mar		4.0	4.0	3.6	2.4	1.6		5.2	4.6	Mar
Apr		1.8	8.2	4.7	2.1	1.1		3.1*	2.7	Apr
May		2.5	11.0	7.6	2.2	0.9			1.9	May
June		4.6	7.4	5.3	3.1	6.4	6.8		5.8	June
July		43.3	33.1	24.9	125.5	54.8	43.0	8.6	11.2	July
Aug		88.2	9.0	32.7	48.8	56.2	71.5	17.5	54.6	Aug
Sept		39.1	13.7	28.2	107.0	70.1	34.5	19.7	22.7	Sept
Oct		27.9	65.4	11.6	17.4	43.1	70.0	80.8	48.8	Oct
Nov	28.9	67.8	221.1	40.4	12.0	24.2	57.1	20.2	120.7	Nov
Dec	80.2	111.4	40.7	311.2	26.5	15.6		19.0	77.2	Dec
Yearly mean	-	34.6	36.4	41.6	30.5	23.8	-	-	30.4	Yearly mean
Accum										Accum
Nos										Nos
Thru mean										Thru mean

Year Month	1948	1949	1950	Mean of 8 complete years	\bar{Q}_J / \bar{Q}_m				Year Month
Jan	13.0	15.8*	19.6	14.75	0.4625				Jan
Feb	7.8	9.4*	11.6	6.96	0.2183				Feb
Mar	2.9	5.2	4.7	3.48	0.1091				Mar
Apr	2.3	2.7*	3.1	3.25	0.1019				Apr
May	2.8	1.9	2.1	3.88	0.1217				May
June	8.8	5.8	6.3	5.96	0.1869				June
July	43.6	14.1	23.4	44.98	1.4105				July
Aug	84.0	14.6	32.4	50.74	1.5911				Aug
Sept	157.0	12.2	13.4	56.40	1.7686				Sept
Oct	26.1	19.2	48.1	36.05	1.1304				Oct
Nov	31.6	43.9	34.4	69.03	2.1646				Nov
Dec	52.6	88.9	62.7	87.24	2.7357				Dec
Yearly mean	36.0	19.5*	21.8	31.89					Yearly mean
Accum									Accum
Nos									Nos
Thru mean									Thru mean

Unit: m³/sec

N.K. Form No 1211

* mark means incomplete record.

WATER LEVEL AND DISCHARGE

STATION BANUGAO, INFANTA, QUEZON

River system: AGOS Name of stream: AGOS Drainage area (Km²): 911 Year: 1920

	July		Aug		Sept		Oct		Nov		Dec		
	H	Q	H	Q	H	Q	H	Q	H	Q	H	Q	
1						571.0		160.0		133.6		231.8	1
2						212.6		138.4		150.4		383.8	2
3						288.0		107.6		119.2		291.6	3
4						458.6		95.0		978.8		200.0	4
5						302.4		89.0		556.0		212.6	5
6						176.8		99.0		338.0		780.0	6
7						121.6		83.0		467.8		566.0	7
8						95.0		79.2		326.0		819.8	8
9						77.4		75.6		191.0		521.0	9
10						64.8		81.0		168.4		361.0	10
11						58.2		77.4		136.0		245.0	11
12						55.0		64.8		148.0		165.6	12
13						49.4		56.6		693.0		225.4	13
14						44.2		52.2		1420.4		241.8	14
15						37.2		77.4		868.0		652.4	15
16						33.0		75.6		1316.0		1569.8	16
17						33.0		68.4		799.8		1278.8	17
18						33.0		68.4		506.0		741.8	18
19				32.0		83.0		58.2		383.8		392.4	19
20				31.0		410.0		68.4		401.2		277.2	20
21				29.4		432.0		62.2		262.8		228.6	21
22				27.0		295.2		52.2		205.2		252.0	22
23				24.6		298.8		112.0		168.4		176.0	23
24				23.0		318.0		646.8		259.2		252.0	24
25				23.0		729.4		367.0		231.8		157.6	25
26				31.0		669.6		238.4		171.2		131.2	26
27				49.4		449.6		291.6		140.8		176.8	27
28				33.0		262.8		663.8		126.4		194.0	28
29				302.4		93.0		215.8		188.0		171.2	29
30				131.2		155.2		209.4		155.2		145.6	30
31				68.4				155.2				126.4	31
MAX				302.4		729.4		663.8		1420.4		1569.8	MAX
MIN				23.0		33.0		52.2		119.2		126.4	MIN
TOTAL				805.4		6907.2		4689.5		12010.4		2169.2	TOTAL
DAYS													DAYS
MEAN				62.0		230.3		151.3		400.4		392.6	MEAN

H : Gauge height in m , Q : Discharge in m³/sec
 Zero point of water gauge : El. 5.021 m

WATER LEVEL AND DISCHARGE

STATION BANUGAO, INFANTA, QUEZON

River system	AGOS		Name of stream		AGOS		Drainage area (Km ²)		911		Year		1921	
	Jan		Feb		Mar		Apr		May		June			
	H	Q	H	Q	H	Q	H	Q	H	Q	H	Q		
1		121.6		426.6		86.6		33.0		17.0		13.8		1
2		126.4		220.8		75.6		31.8		16.6		13.4		2
3		138.4		113.0		67.0		30.6		16.2		13.0		3
4		203.0		276.4		59.0		31.8		17.0		13.0		4
5		225.4		103.8		51.0		31.2		16.2		13.0		5
6		188.0		80.8		350.4		33.0		15.4		12.2		6
7		148.0		115.0		448.2		31.8		15.8		13.0		7
8		131.2		83.6		264.0		28.2		18.6		13.8		8
9		140.8		65.0		384.2		34.2		15.4		19.4		9
10		392.4		52.0		210.0		27.6		18.2		15.0		10
11		212.6		48.0		154.4		24.6		17.0		15.4		11
12		155.2		59.0		111.0		23.4		15.4		23.4		12
13		128.8		128.2		96.6		22.2		14.6		34.2		13
14		116.8		151.6		493.0		21.0		13.8		20.2		14
15		255.6		100.2		791.2		21.0		13.8		24.0		15
16		302.4		75.6		363.4		20.2		13.8		21.0		16
17		342.0		62.0		244.0		19.4		14.2		18.6		17
18		245.2		88.2		151.6		18.6		13.0		16.2		18
19		222.2		140.8		115.0		17.8		13.4		14.6		19
20		160.0		143.4		96.6		18.2		13.4		28.8		20
21		128.8		151.6		78.0		25.8		15.4		21.0		21
22		101.0		318.8		72.0		22.8		17.8		22.2		22
23		95.0		345.8		61.0		24.6		13.8		19.4		23
24		109.8		220.8		55.0		28.2		16.2		16.2		24
25		95.0		179.2		50.0		22.2		14.6		16.2		25
26		68.4		199.2		46.2		21.6		13.8		15.4		26
27		59.8		176.0		43.0		19.8		13.0		14.2		27
28		53.6		125.8		39.8		19.4		12.2		13.0		28
29		50.8				37.8		19.4		11.4		12.2		29
30		52.2				36.6		17.8		15.4		18.6		30
31		364.6				35.4				18.6				31
MAX		392.4		426.6		791.2		33.0		18.6		34.2		MAX
MIN		50.8		48.0		35.4		17.8		11.4		12.2		MIN
TOTAL		5135.2		4251.2		5167.6		741.2		471.0		524.4		TOTAL
DAYS														DAYS
MEAN		165.6		151.8		166.9		24.7		15.2		17.5		MEAN

H : Gauge height in m , Q : Discharge in m³/sec
Zero point of water gauge : El. _____

WATER LEVEL AND DISCHARGE

STATION BANUGAO, INFATA, QUEZON

River system	AGOS	Name of stream :	AGOS	Drainage area (Km ²) :	911	Year	1921						
	July		Aug		Sept		Oct		Nov		Dec		
	H	Q	H	Q	H	Q	H	Q	H	Q	H	Q	
1		15.8		210.0		192.0		111.0		179.2		-	1
2		14.6		293.2		206.4		135.6		143.4		-	2
3		19.4		268.0		154.4		109.2		464.6		-	3
4		926.8		252.0		119.0		179.2		481.4		582.0	4
5		637.0		244.0		115.0		138.2		582.0		481.4	5
6		138.2		359.8		102.0		103.8		369.4		394.6	6
7		61.0		410.4		119.0		121.0		276.4		256.0	7
8		43.8		179.2		143.4		96.6		364.6		188.8	8
9		192.0		213.6		138.2		89.8		1492.4		199.2	9
10		405.0		154.4		140.8		83.6		1276.0		260.0	10
11		199.2		123.4		138.2		83.6		1679.6		192.0	11
12		128.2		119.0		185.6		192.0		1737.2		166.4	12
13		113.0		310.0		154.4		185.6		1263.6		151.6	13
14		100.2		493.0		284.8		166.4		-		213.6	14
15		94.8		595.6		310.0		148.8		-		726.0	15
16		82.2		2255.6		148.8		138.2		-		384.2	16
17		86.6		529.4		111.0		119.0		-		310.0	17
18		83.6		314.4		102.0		107.4		582.0		179.2	18
19		80.8		260.0		93.0		103.8		1622.0		213.6	19
20		487.0		268.0		115.0		98.4		1167.6		192.0	20
21		415.8		185.0		93.0		94.8		1123.6		179.2	21
22		374.2		284.8		83.6		86.6		758.0		236.0	22
23		355.0		293.2		74.4		73.0		956.4		252.0	23
24		336.6		176.0		100.2		88.2		808.0		301.6	24
25		301.6		128.2		146.0		85.0		1060.4		459.0	25
26		575.2		107.4		248.0		85.0		4890.8		595.6	26
27		289.2		202.8		710.8		89.8		-		695.6	27
28		276.4		179.2		293.2		105.6		-		394.6	28
29		252.0		163.2		213.6		157.2		-		260.0	29
30		240.0		185.6		327.6		355.0		-		192.0	30
31		224.4		217.2				213.6		-		154.4	31
MAX		926.8		2255.6		710.8		355.0		4890.8		726.0	MAX
MIN		14.6		107.4		74.4		78.0		143.4		151.6	MIN
TOTAL		7549.6		9975.6		5363.4		3946.0		23278.6		8810.6	TOTAL
DAYS													DAYS
MEAN		243.5		321.8		178.8		127.4		1058.1		314.7	MEAN

H : Gauge height in m , Q : Discharge in m³/sec
 Zero point of water gauge : El. _____

6

WATER LEVEL AND DISCHARGE

STATION BANUGAO, INFATA, QUEZON

River system	AGOS		Name of stream	AGOS		Drainage area (Km ²)	911		Year		1922		
	Jan		Feb		Mar		Apr		May		June		
	H	Q	H	Q	H	Q	H	Q	H	Q	H	Q	
1		133.0		96.6		94.0		64.0		35.4		31.8	1
2		143.4		86.6		71.0		53.0		29.4		30.6	2
3		240.0		80.8		60.0		53.0		30.6		29.4	3
4		244.0		93.0		51.0		48.0		27.0		28.2	4
5		264.0		119.0		45.4		44.6		25.8		31.8	5
6		199.2		154.4		42.2		42.2		26.4		29.4	6
7		166.4		111.0		39.0		39.0		24.6		28.2	7
8		160.0		85.0		37.8		37.8		29.4		25.8	8
9		140.8		74.4		47.0		36.6		36.0		28.2	9
10		138.2		69.0		83.6		125.8		33.6		29.4	10
11		185.6		67.0		57.0		58.0		29.8		46.2	11
12		213.6		61.0		100.2		65.0		28.8		31.8	12
13		364.6		57.0		73.2		65.0		25.2		25.8	13
14		268.0		53.0		65.0		59.0		23.4		28.8	14
15		160.0		51.0		57.0		47.0		22.2		28.2	15
16		128.2		49.0		57.0		42.2		22.8		25.8	16
17		107.4		49.0		55.0		39.0		24.6		25.8	17
18		93.0		48.0		49.0		36.6		28.2		33.0	18
19		83.6		47.0		45.4		35.4		24.0		30.6	19
20		107.4		50.0		53.0		39.8		22.2		30.6	20
21		107.4		42.2		46.2		36.6		22.2		27.6	21
22		179.2		38.4		43.8		36.6		96.6		25.8	22
23		176.0		36.6		40.6		34.2		296.4		24.6	23
24		143.0		35.4		39.0		31.8		128.2		23.4	24
25		123.4		34.2		310.0		30.6		69.0		22.2	25
26		103.8		34.2		268.0		35.4		51.0		21.6	26
27		135.6		34.2		228.0		29.4		42.2		22.2	27
28		260.0		89.8		135.0		28.2		37.8		27.0	28
29		224.4		-		100.2		27.0		36.6		30.0	29
30		148.8		-		83.6		26.4		34.8		33.0	30
31		115.0		-		71.0		-		33.0		-	31
MAX		364.6		154.4		310.0		125.8		276.4		46.2	MAX
MIN		83.6		34.2		37.8		26.4		22.5		21.6	MIN
TOTAL		5257.0		1846.8		2556.2		1347.2		1397.2		856.8	TOTAL
DAYS													DAYS
MEAN		169.6		66.0		82.5		45.1		44.4		28.6	MEAN

H : Gauge height in m , Q : Discharge in m³/sec
 Zero point of water gauge : El.

WATER LEVEL AND DISCHARGE

STATION BANUGA, INFANTA, QUEZON

River system	AGOS	Name of stream	AGOS	Drainage area (Km ²)	911	Year	1922						
	July		Aug		Sept		Oct		Nov		Dec		
	H	Q	H	Q	H	Q	H	Q	H	Q	H	Q	
1		72.0		244.0		36.7		134.3		141.1		419.0	1
2		67.0		459.0		38.3		121.1		144.5		630.0	2
3		179.2		276.4		59.5		139.4		130.9		670.0	3
4		57.0		125.8		38.3		90.9		403.0		1092.6	4
5		59.0		96.6		39.1		77.3		583.5		1229.4	5
6		63.0		148.8		37.9		71.6		423.3		1214.6	6
7		67.0		93.0		59.5		66.1		210.1		488.5	7
8		96.6		69.0		50.5		95.1		181.9		260.9	8
9		78.0		62.0		49.5		137.7		220.0		212.7	9
10		80.8		57.0		53.5		175.6		336.9		225.0	10
11		160.0		54.0		53.5		165.6		466.4		196.7	11
12		80.8		51.0		53.5		171.9		260.9		275.5	12
13		69.0		49.0		49.5		194.5		192.4		292.2	13
14		80.8		47.0		55.5		163.5		167.7		205.5	14
15		89.8		45.4		59.5		171.9		144.5		175.6	15
16		75.6		45.4		68.3		367.5		124.3		179.8	16
17		69.0		45.4		653.1**		230.0		77.3		184.0	17
18		64.0		67.0		630.0		186.1		121.1		399.0	18
19		62.0		123.4		530.0		184.0		113.1		225.0	19
20		59.0		81.0		301.6		186.1		134.3		344.3	20
21		55.0		69.0		184.0		163.5		220.0		431.9	21
22		55.0		55.0		167.7		130.9		301.6		367.5	22
23		55.0		46.2		137.7		116.3		977.8		427.6	23
24		51.0		41.4		415.0		108.5		488.5		258.0	24
25		71.0		38.4		316.0		99.5		315.5		294.8	25
26		67.0		36.6		188.2		90.9		220.0		530.0	26
27		70.0		41.5		165.6		111.5		252.0		457.7	27
28		73.2		39.9		159.7		240.8		252.0		301.6	28
29		71.0		38.3		192.4		159.7		520.6		227.5	29
30		59.0		36.7		152.1		141.1		449.1		238.1	30
31		91.4		35.9				144.5				232.7	31
MAX		179.2		459.0		192.4*		367.5		977.8		1229.4	MAX
MIN		51.0		35.9		36.7		66.1		77.3		175.6	MIN
TOTAL		2348.2		2719.1		4995.7		4637.4		8574.3		12687.1	TOTAL
DAYS													DAYS
MEAN		75.7		87.4		166.5		149.6		285.8		409.2	MEAN

H : Gauge height in m , Q : Discharge in m³/sec

N. K. Form No. 1202

Zero point of water gauge : El. _____

Note: ** calculated from monthly mean discharge

5

HQD-1
204

WATER LEVEL AND DISCHARGE

STATION BANUGAO, INFANTA, QUEZON

River system	AGOS		Name of stream:		AGOS		Drainage area (Km ²):		911		Year		1949	
	Jan		Feb		Mar		Apr		May		June			
	H	Q	H	Q	H	Q	H	Q	H	Q	H	Q		
1										22.5		21.6	1	
2										22.5		28.9	2	
3										23.6		22.5	3	
4										37.7		22.5	4	
5										27.8		23.5	5	
6										65.4		21.6	6	
7										43.9		21.6	7	
8										32.3		21.6	8	
9										31.8		19.9	9	
10										31.2		19.9	10	
11										27.8		19.9	11	
12										27.8		19.1	12	
13										28.9		21.6	13	
14										25.7		23.6	14	
15										24.6		23.6	15	
16										25.7		21.6	16	
17										25.7		23.6	17	
18										25.7		21.6	18	
19										25.7		21.6	19	
20										25.7		31.2	20	
21										23.6		30.0	21	
22										22.5		31.2	22	
23										22.5		25.7	23	
24										22.5		23.6	24	
25										21.6		22.5	25	
26										21.6		21.6	26	
27										25.7		23.6	27	
28										22.5		22.5	28	
29										21.6		21.6	29	
30										20.8		20.8	30	
31										21.6			31	
MAX										65.4		31.2	MAX	
MIN										20.8		19.1	MIN	
TOTAL										851.4		694.3	TOTAL	
DAYS													DAYS	
MEAN										27.5		23.1	MEAN	

H : Gauge height in m, Q : Discharge in m³/sec
Zero point of water gauge : El. _____

N. K. Form No. 1201

WATER LEVEL AND DISCHARGE

STATION BANUGAO, INFANTA, QUEZON

River system: AGOS Name of stream: AGOS Drainage area (Km²): 911 Year: 1949

	July		Aug		Sept		Oct		Nov		Dec		
	H	Q	H	Q	H	Q	H	Q	H	Q	H	Q	
1		21.6		23.6		21.6		37.7		335.8		203.0	1
2		19.9		22.5		24.6		34.8		420.8		175.0	2
3		19.9		21.6		32.3		237.0		501.0		189.0	3
4		19.1		21.6		69.4		169.7		332.0		169.0	4
5		19.1		21.6		113.4		120.6		578.0		186.2	5
6		21.6		25.7		65.4		88.1		538.6		947.0	6
7		21.6		24.6		50.7		69.4		759.3		935.4	7
8		92.5		23.6		45.6		50.7		501.0		707.2	8
9		71.3		23.6		37.7		43.9		295.0		608.4	9
10		49.1		22.5		113.4		37.7		248.5		302.4	10
11		27.8		21.6		161.7		39.1		219.9		248.5	11
12		25.7		22.5		75.2		69.4		618.8		324.6	12
13		31.2		43.9		73.3		175.0		420.8		260.0	13
14		85.9		27.8		54.2		205.8		248.5		208.6	14
15		34.8		27.8		43.9		113.4		186.2		180.6	15
16		28.9		27.8		71.3		96.8		167.0		175.0	16
17		34.8		25.7		88.1		94.6		153.7		140.8	17
18		25.7		24.6		69.4		85.9		130.6		153.7	18
19		32.3		23.6		54.2		50.7		191.8		159.4	19
20		25.7		27.8		43.9		50.7		203.0		219.9	20
21		24.6		24.6		85.9		52.5		169.7		164.4	21
22		28.9		21.6		47.3		47.3		130.6		143.3	22
23		26.7		25.7		61.5		43.9		113.4		143.3	23
24		34.8		32.3		47.3		191.8		219.9		164.4	24
25		36.2		25.7		39.1		85.9		183.4		248.5	25
26		30.0		54.2		37.7		61.5		205.8		208.6	26
27		27.8		39.1		34.8		81.6		159.0		298.7	27
28		26.7		28.9		33.4		115.8		164.4		961.2	28
29		25.7		25.7		32.3		133.2		378.4		733.2	29
30		25.7		28.9		37.7		219.9		288.0		660.4	30
31		23.6		30.0				267.0				412.0	31
MAX		92.5		54.2		161.7		267.0		759.3		947.0	MAX
MIN		19.1		21.6		21.6		34.8		113.4		140.8	MIN
TOTAL		1019.3		840.7		1766.4		3171.5		9063.0		10612.0	TOTAL
DAYS													DAYS
MEAN		32.9		27.1		58.9		102.3		302.1		342.3	MEAN

H : Gauge height in m , Q : Discharge in m³/sec
 Zero point of water gauge : El.

N. K. Form No. 1202

WATER LEVEL AND DISCHARGE

STATION BANUGAO, INFANTA, QUEZON

River system: AGOS Name of stream: AGOS Drainage area (Km²): 911 Year: 1950

	Jan		Feb		Mar		Apr		May		June		
	H	Q	H	Q	H	Q	H	Q	H	Q	H	Q	
1		274.0		153.7		135.7		47.3		30.0		32.3	1
2		208.6		118.2		92.7		43.9		31.2		27.8	2
3		172.3		99.0		77.2		50.7		30.0		27.8	3
4		133.2		251.4		79.4		54.2		36.2		27.8	4
5		113.4		164.4		88.1		50.8		30.0		25.7	5
6		99.0		260.0		65.4		43.9		30.0		25.7	6
7		412.0		295.0		57.6		40.5		27.8		25.7	7
8		465.0		189.0		50.8		47.3		43.5		25.7	8
9		362.4		153.7		50.8		57.4		37.7		25.7	9
10		288.0		125.5		47.3		47.3		30.0		30.0	10
11		588.0		103.8		43.9		43.9		27.8		25.7	11
12		386.8		90.3		40.5		40.5		30.0		37.7	12
13		251.4		88.1		77.2		57.7		34.8		27.6	13
14		194.6		69.4		69.4		143.3		30.0		27.6	14
15		164.4		65.4		111.0		108.6		34.8		26.7	15
16		167.0		57.6		123.0		153.7		30.0		30.0	16
17		156.4		54.2		460.5		90.3		33.4		30.0	17
18		118.2		67.4		548.0		67.4		30.0		27.8	18
19		103.6		90.3		412.0		57.6		27.8		30.0	19
20		94.6		200.2		197.4		50.7		26.7		32.3	20
21		123.0		118.2		313.5		47.3		26.7		32.3	21
22		123.0		83.7		285.8		43.9		54.2		63.5	22
23		90.3		73.3		153.7		40.5		33.4		37.7	23
24		159.0		55.9		123.0		39.1		30.0		32.3	24
25		257.1		50.8		103.8		37.7		27.8		30.0	25
26		420.8		47.3		81.6		37.7		25.7		30.0	26
27		354.8		65.4		69.4		34.8		27.8		27.8	27
28		492.0		138.2		69.4		34.8		27.8		27.8	28
29		260.0				57.6		34.8		25.7		25.7	29
30		180.6				57.6		32.3		25.7		25.7	30
31		138.2				50.8				25.7			31
MAX		288.0		295.0		548.0		153.7		54.2		63.5	MAX
MIN		90.3		47.3		40.5		32.3		25.7		25.7	MIN
TOTAL		7352.0		3329.4		4193.7		1670.1		963.0		902.7	TOTAL
DAYS													DAYS
MEAN		237.2		118.9		135.3		55.7		31.1		30.1	MEAN

H : Gauge height in m, Q : Discharge in m³/sec

N. K. Form No. 1201

Zero point of water gauge : El. _____

WATER LEVEL AND DISCHARGE

STATION BANUGO, INFANTA, QUEZON

River system	AGOS		Name of stream :	AGOS		Drainage area (Km ²) :	911		Year		1950		
	July		Aug		Sept		Oct		Nov		Dec		
	H	Q	H	Q	H	Q	H	Q	H	Q	H	Q	
1		26.7		52.5		34.8		96.6		231.2		73.3	1
2		26.7		169.7		37.7		324.6		326.6		69.4	2
3		33.4		186.2		37.7		254.2		231.2		79.4	3
4		31.2		81.6		40.5		175.0		214.3		143.3	4
5		31.2		85.9		65.4		133.2		169.7		143.3	5
6		27.8		135.7		47.4		103.8		219.9		128.1	6
7		25.7		128.1		42.2		85.9		164.4		108.6	7
8		25.7		159.0		40.5		69.4		116.2		94.6	8
9		25.7		130.2		47.3		53.9		103.6		77.2	9
10		25.7		125.5		50.7		54.2		90.3		203.0	10
11		32.3		118.2		36.2		88.1		81.6		347.2	11
12		32.3		90.3		36.2		123.0		65.4		237.0	12
13		37.7		103.8		37.7		71.3		69.4		169.7	13
14		27.8		79.4		32.3		61.5		81.6		145.9	14
15		27.8		57.6		36.2		61.5		81.6		125.5	15
16		30.0		59.8		54.2		83.7		169.7		145.9	16
17		99.0		61.5		118.2		123.0		344.0		143.3	17
18		94.6		40.5		73.3		169.7		882.0		133.2	18
19		79.4		37.7		96.8		175.0		370.0		133.2	19
20		52.5		37.7		75.2		242.7		270.5		113.4	20
21		43.9		34.8		77.2		186.2		501.0		99.0	21
22		47.3		32.3		57.6		242.7		640.0		83.7	22
23		92.5		32.3		50.8		759.3		291.5		145.9	23
24		197.4		31.2		65.4		744.0		197.4		245.6	24
25		145.9		30.0		47.3		515.1		153.7		354.8	25
26		164.4		28.9		43.9		374.2		106.2		306.1	26
27		130.6		27.8		40.5		354.8		90.3		214.3	27
28		79.4		26.7		55.9		270.5		94.6		191.8	28
29		61.5		26.7		99.0		237.0		88.1		169.7	29
30		50.7		27.8		81.6		175.0		77.2		1354.0	30
31		43.9		26.7				133.2				2538.0	31
MAX		197.4		186.7		116.2		759.3		882.0		2538.0	MAX
MIN		25.7		26.7		32.3		54.2		65.4		69.4	MIN
TOTAL		850.6		2266.1		1659.8		6542.3		6523.2		8517.2	TOTAL
DAYS													DAYS
MEAN		59.7		73.1		55.3		211.0		217.4		274.7	MEAN

H : Gauge height in m , Q : Discharge in m³/sec

N. K. Form No. 1202

Zero point of water gauge : El. _____

HQD-1
208

WATER LEVEL AND DISCHARGE

STATION BANUGO, INFANTA, QUEZON

River system: AGOS Name of stream: AGOS Drainage area (Km²): 911 Year: 1951

	Jan		Feb		Mar		Apr		May		June		
	H	Q	H	Q	H	Q	H	Q	H	Q	H	Q	
1		1004.6		103.0		67.9		24.5		26.5		43.8	1
2		503.6		105.5		69.9		25.5		25.5		67.9	2
3		294.6		91.5		89.2		30.1		23.5		71.9	3
4		238.0		93.8		84.6		42.0		22.5		67.9	4
5		223.3		93.8		69.9		38.8		27.5		50.9	5
6		169.7		137.9		59.8		32.7		755.6		42.0	6
7		158.9		197.3		56.2		34.0		281.8		38.8	7
8		137.9		158.9		52.7		26.5		148.3		43.8	8
9		145.7		125.1		58.0		25.5		112.8		38.8	9
10		127.5		103.0		52.7		20.7		91.5		38.8	10
11		112.8		86.9		45.6		23.5		89.2		37.2	11
12		98.4		71.9		42.0		23.5		89.2		76.0	12
13		96.1		71.9		42.0		71.9		76.0		56.2	13
14		93.8		67.9		44.6		135.3		71.9		35.6	14
15		82.3		67.9		38.8		58.0		67.9		34.0	15
16		76.0		71.9		35.6		45.6		69.9		47.3	16
17		89.2		73.9		34.0		38.8		50.9		45.6	17
18		135.3		89.2		32.7		34.0		52.7		52.7	18
19		117.7		78.0		31.4		32.7		50.9		50.9	19
20		205.7		329.0		31.4		30.1		52.7		45.6	20
21		226.2		202.9		30.1		27.5		63.8		37.2	21
22		186.1		161.6		28.8		45.6		54.5		34.0	22
23		175.1		175.1		27.5		27.5		63.8		32.7	23
24		183.3		153.5		27.5		26.5		84.6		38.8	24
25		161.6		137.9		26.5		25.5		117.7		35.6	25
26		161.6		103.0		25.5		25.5		82.3		35.6	26
27		247.3		89.2		24.5		38.8		67.9		35.6	27
28		256.6		73.9		25.5		31.4		61.8		100.7	28
29		180.5				25.5		31.4		49.1		78.0	29
30		137.9				24.5		30.1		45.6		61.8	30
31		117.7				23.5				42.0			31
MAX		1004.6		329.0		89.2		135.3		755.6		100.7	MAX
MIN		76.0		67.9		23.5		20.7		22.5		32.7	MIN
TOTAL		6145.0		3315.4		1368.4		1103.5		2919.8		1475.6	TOTAL
DAYS													DAYS
MEAN		198.2		118.4		44.1		36.8		94.2		49.2	MEAN

H : Gauge height in m, Q : Discharge in m³/sec
Zero point of water gauge : El. _____

N. K. Form No. 1201

WATER LEVEL AND DISCHARGE

STATION BANUGO, INFANTA, QUEZON

River system	AGOS		Name of stream:		AGOS		Drainage area (Km ²):		911		Year		1951	
	July		Aug		Sept		Oct		Nov		Dec			
	H	Q	H	Q	H	Q	H	Q	H	Q	H	Q		
1		71.9		217.4		58.0		127.5		175.1		347.4	1	
2		65.9		105.5		86.9		86.9		117.7		336.0	2	
3		52.7		76.0		80.0		71.9		112.8		404.4	3	
4		45.6		67.9		112.8		63.8		262.8		942.5	4	
5		52.7		73.9		103.0		56.2		389.2		805.0	5	
6		45.6		84.6		84.6		52.7		351.2		499.3	6	
7		38.8		67.9		84.6		49.1		586.6		374.0	7	
8		52.7		59.8		67.9		45.6		396.8		366.4	8	
9		50.9		36.1		59.8		42.0		400.6		275.4	9	
10		38.8		59.8		56.2		47.3		542.4		232.1	10	
11		38.8		67.9		52.7		42.0		396.8		424.0	11	
12		32.7		226.2		45.6		45.6		291.4		308.0	12	
13		30.1		250.4		43.8		42.0		278.6		265.9	13	
14		30.1		440.0		45.6		42.0		153.5		247.3	14	
15		28.8		683.6		43.8		38.8		325.5		872.0	15	
16		43.8		512.2		40.4		49.1		265.9		937.0	16	
17		49.1		396.8		38.8		202.9		220.3		546.8	17	
18		49.1		269.0		35.6		122.6		175.1		412.0	18	
19		42.0		183.3		32.7		140.5		137.9		329.0	19	
20		49.1		153.5		32.7		93.8		137.9		281.8	20	
21		59.8		137.9		42.0		76.0		158.9		329.0	21	
22		56.2		96.1		35.6		135.3		986.9		262.0	22	
23		52.7		76.0		143.1		110.4		460.6		229.2	23	
24		89.2		61.8		117.7		93.8		301.0		294.6	24	
25		103.0		84.6		65.9		84.6		232.1		374.0	25	
26		91.5		93.8		52.7		84.6		191.7		311.5	26	
27		84.6		89.2		52.7		91.5		197.3		262.8	27	
28		65.9		115.3		49.1		96.1		2388.0		211.5	28	
29		54.5		76.0		80.0		98.4		1070.5		180.5	29	
30		49.1		67.9		180.5		73.9		469.2		161.6	30	
31		59.8		61.8				117.7				153.5	31	
MAX		103.0		683.6		180.5		202.9		2388.0		942.5	MAX	
MIN		28.8		59.8		32.7		38.8		112.8		153.5	MIN	
TOTAL		1675.3		4992.2		2024.6		2524.6		12174.3		1977.2	TOTAL	
DAYS													DAYS	
MEAN		54.0		161.0		67.5		81.4		405.8		386.4	MEAN	

H : Gauge height in m , Q : Discharge in m³/sec

N. K. Form No. 1202

Zero point of water gauge : El. _____

WATER LEVEL AND DISCHARGE

STATION BANUGAO, INFANTA, QUEZON

River system: AGOS Name of stream: AGOS Drainage area (Km²): 911 Year: 1952

	Jan		Feb		Mar		Apr		May		June		
	H	Q	H	Q	H	Q	H	Q	H	Q	H	Q	
1		253.5		112.8		59.6		32.7		30.1		27.5	1
2		315.0		96.1		84.6		34.0		28.8		26.5	2
3		238.0		84.6		76.0		143.1		30.1		26.5	3
4		180.5		93.8		67.9		50.9		28.8		27.5	4
5		202.9		153.5		67.9		38.8		27.5		28.6	5
6		211.5		145.7		76.0		35.6		27.5		30.1	6
7		180.5		122.6		63.8		38.8		27.5		28.8	7
8		164.3		158.9		56.2		32.7		26.5		27.5	8
9		262.9		238.0		52.7		30.1		27.5		40.4	9
10		241.1		172.4		50.9		26.8		28.8		38.8	10
11		186.1		156.2		49.1		28.8		28.8		40.4	11
12		150.9		135.3		45.6		27.5		27.5		27.5	12
13		125.0		107.9		43.8		27.5		28.8		26.5	13
14		105.5		91.5		42.0		45.6		30.1		25.5	14
15		211.5		84.6		63.8		45.6		28.8		24.5	15
16		358.8		71.9		49.1		80.0		28.8		23.5	16
17		211.5		67.9		42.0		105.5		30.1		27.5	17
18		153.3		59.8		40.4		69.9		35.6		52.7	18
19		143.1		58.0		38.8		63.8		45.6		49.1	19
20		229.2		140.5		35.6		52.7		58.0		45.6	20
21		432.0		294.6		34.0		45.6		49.1		56.2	21
22		582.0		308.0		32.7		45.6		42.0		153.5	22
23		477.8		232.1		35.6		40.4		43.8		103.0	23
24		285.0		183.3		35.6		37.2		38.8		98.4	24
25		156.2		137.9		32.7		37.2		35.6		63.8	25
26		211.5		112.8		67.9		42.0		32.7		56.2	26
27		366.4		117.7		54.5		63.8		30.1		52.7	27
28		308.0		103.0		42.0		35.6		30.1		250.4	28
29		206.0		84.6		37.2		32.7		28.8		107.9	29
30		158.9				34.0		31.4		27.5		71.9	30
31		137.9				32.7				26.8			31
MAX		582.0		308.0		84.6		143.1		58.0		250.4	MAX
MIN		105.5		58.0		32.7		27.5		26.5		23.5	MIN
TOTAL		7449.2		3926.0		1544.8		423.8		1012.5		1659.3	TOTAL
DAYS													DAYS
MEAN		240.3		135.4		49.8		47.5		32.7		55.3	MEAN

H : Gauge height in m, Q : Discharge in m³/sec

N. K. Form No. 1201

Zero point of water gauge : El. _____

WATER LEVEL AND DISCHARGE

STATION BANUGAO, INFANTA, QUEZON

River system: AGOS Name of stream: AGOS Drainage area (Km²): 911 Year: 1952

	July		Aug		Sept		Oct		Nov		Dec		
	H	Q	H	Q	H	Q	H	Q	H	Q	H	Q	
1		56.2		63.8		259.7		167.0		172.4		100.7	1
2		56.2		59.8		158.9		153.5		156.2		112.8	2
3		76.0		149.8		135.3		269.0		135.3		98.4	3
4		132.7		91.5		117.7		428.0		117.7		89.2	4
5		98.4		76.0		103.0		238.0		103.0		158.9	5
6		76.0		294.6		89.2		281.8		93.8		214.4	6
7		61.8		516.5		86.9		180.5		200.5		235.1	7
8		56.2		325.5		78.0		294.6		191.7		177.8	8
9		50.9		164.3		91.5		191.7		186.1		143.1	9
10		45.6		153.5		76.0		175.1		137.9		153.5	10
11		42.0		112.8		71.9		164.3		117.7		137.9	11
12		38.8		82.3		67.9		153.5		103.0		214.4	12
13		38.8		71.9		61.8		214.4		93.8		232.1	13
14		37.2		98.4		84.6		698.0		81.6		355.0	14
15		35.6		63.8		84.6		420.0		76.0		551.2	15
16		32.7		175.1		158.9		495.0		71.9		336.0	16
17		31.4		169.7		156.2		1579.2		71.9		275.4	17
18		30.1		107.9		120.2		1373.0		169.7		238.0	18
19		27.5		84.6		84.6		693.2		115.3		186.1	19
20		27.5		71.9		59.8		396.8		93.8		161.6	20
21		30.1		61.8		180.5		272.2		84.6		158.9	21
22		27.5		56.2		112.8		197.3		80.0		1058.3	22
23		26.5		59.8		89.2		1088.8		71.9		343.6	23
24		35.6		49.1		76.0		582.0		80.0		262.8	24
25		38.8		269.0		89.2		339.8		98.4		197.3	25
26		45.6		503.6		76.0		238.0		91.5		194.5	26
27		32.7		308.5		71.9		664.8		84.6		840.8	27
28		35.6		158.9		93.8		741.2		76.0		520.8	28
29		84.6		137.9		103.0		318.5		67.9		420.0	29
30		91.5		180.5		208.5		244.2		61.8		589.4	30
31		58.0		253.5				223.3				516.5	31
MAX		132.7		516.5		259.7		1579.2		200.5		1058.3	MAX
MIN		26.5		49.1		59.8		153.5		61.8		89.2	MIN
TOTAL		558.1		4892.6		3247.5		3476.7		3296.9		9274.5	TOTAL
DAYS													DAYS
MEAN		50.3		157.8		108.3		434.7		109.9		297.2	MEAN

H : Gauge height in m , Q : Discharge in m³/sec
 Zero point of water gauge : El. _____

N. K. Form No. 1202

WATER LEVEL AND DISCHARGE

STATION BANUGAO, INFANTA, QUEZON

River system	AGOS		Name of stream :		AGOS		Drainage area (Km ²) :		911		Year 1953		
	Jan		Feb		Mar		Apr		May		June		
	H	Q	H	Q	H	Q	H	Q	H	Q	H	Q	
1		444.0		132.7		161.7		156.4		27.8		23.6	1
2		389.2		137.9		125.5		90.3		25.7		31.2	2
3		343.6		127.5		99.0		65.4		22.5		54.2	3
4		269.0		122.6		90.3		52.5		34.8		94.6	4
5		200.1		98.4		83.7		45.6		36.2		434.0	5
6		191.7		86.9		65.4		40.5		34.8		61.5	6
7		169.7		103.0		57.6		37.7		32.3		45.6	7
8		256.6		347.4		57.2		34.8		27.8		42.2	8
9		191.4		275.4		61.5		32.3		25.7		34.8	9
10		250.4		250.4		54.2		30.0		23.6		34.8	10
11		244.2		220.3		43.9		28.9		22.5		32.3	11
12		188.9		197.3		40.5		27.8		25.7		32.3	12
13		180.5		200.1		39.1		26.7		30.0		32.3	13
14		161.6		175.1		37.7		25.7		25.7		32.3	14
15		206.5		164.3		34.8		24.6		27.8		138.2	15
16		153.5		156.2		32.3		23.6		24.6		85.9	16
17		122.6		143.1		37.7		22.5		23.6		50.8	17
18		107.9		117.7		37.7		21.6		23.6		40.5	18
19		105.5		148.3		37.7		27.8		26.7		34.8	19
20		98.4		117.7		37.7		25.7		30.0		32.3	20
21		93.8		98.4		34.8		22.5		34.8		32.3	21
22		105.5		275.4		32.3		21.6		30.0		32.3	22
23		89.2		272.2		30.0		20.8		33.4		32.3	23
24		82.3		200.1		42.2		281.0		33.4		32.3	24
25		122.6		158.9		37.7		320.9		30.0		32.3	25
26		127.5		389.2		32.3		49.1		30.0		31.2	26
27		103.0		343.6		30.0		37.7		27.8		31.2	27
28		89.2		205.8		27.8		33.4		25.7		31.2	28
29		98.4				25.7		30.0		23.6		30.0	29
30		167.0				28.9		28.9		22.5		30.0	30
31		125.1				143.3				21.6			31
MAX		444.0		389.2		161.7		320.9		36.2		138.2	MAX
MIN		82.3		86.9		25.7		20.8		21.6		23.6	MIN
TOTAL		5880.8		5265.9		1700.1		1686.3		864.3		1683.3	TOTAL
DAYS													DAYS
MEAN		180.0		188.1		54.8		56.2		27.9		56.1	MEAN

H : Gauge height in m , Q : Discharge in m³/sec

N. K. Form No. 1201

Zero point of water gauge : El. _____

WATER LEVEL AND DISCHARGE

STATION BANUGAO, INFANTA, QUEZON

River system	AGOS		Name of stream:		AGOS		Drainage area (Km ²):		911		Year		1953	
	July		Aug		Sept		Oct		Nov		Dec			
	H	Q	H	Q	H	Q	H	Q	H	Q	H	Q		
1		26.7		54.2		59.6		94.6		639.6		1088.4	1	
2		27.8		43.9		50.8		47.3		194.6		274.0	2	
3		37.3		37.7		43.9		40.5		148.4		231.2	3	
4		30.0		32.3		45.6		34.8		120.6		180.6	4	
5		33.4		30.0		37.7		32.3		101.4		274.0	5	
6		30.0		27.8		37.7		37.7		135.7		274.0	6	
7		27.8		61.5		40.5		32.3		115.8		796.4	7	
8		34.8		49.1		34.8		27.8		96.8		1183.0	8	
9		30.0		37.7		32.3		27.8		75.2		483.0	9	
10		27.8		34.8		133.4		32.3		63.5		442.8	10	
11		26.7		34.8		32.3		54.2		50.8		257.0	11	
12		30.0		103.8		40.5		298.7		83.8		217.1	12	
13		30.0		117.8		49.1		191.8		324.6		189.0	13	
14		25.7		128.1		37.7		151.1		302.4		791.0	14	
15		23.6		242.7		32.3		237.0		208.6		501.0	15	
16		22.5		416.4		30.0		324.6		159.0		320.9	16	
17		27.8		225.6		40.5		217.1		123.0		222.7	17	
18		25.7		169.7		50.8		164.4		103.8		263.5	18	
19		30.0		203.0		43.9		191.8		92.5		186.2	19	
20		27.8		183.4		77.2		145.9		90.3		211.5	20	
21		26.7		177.8		57.6		115.8		88.1		248.5	21	
22		43.9		177.8		50.8		94.6		90.3		543.3	22	
23		54.2		123.0		59.6		65.4		225.6		320.9	23	
24		45.6		94.6		138.2		172.3		386.8		298.7	24	
25		47.3		73.3		81.6		425.2		239.8		237.0	25	
26		47.3		77.2		57.6		274.0		159.0		374.2	26	
27		49.1		61.5		61.5		228.4		151.1		442.8	27	
28		39.1		77.2		43.9		982.2		172.3		515.1	28	
29		33.4		55.9		37.7		501.0		130.6		533.9	29	
30		34.8		50.8		40.5		228.4		834.5		332.0	30	
31		73.3		47.3				175.0				478.5	31	
MAX		73.3		416.4		138.2		228.4		834.5		1183.0	MAX	
MIN		22.5		27.8		30.0		27.8		50.8		180.6	MIN	
TOTAL		1065.4		3250.7		1579.6		5646.2		5708.5		12713.1	TOTAL	
DAYS													DAYS	
MEAN		34.4		104.9		52.7		182.1		190.3		410.1	MEAN	

H : Gauge height in m , Q : Discharge in m³/sec
 Zero point of water gauge : El.

N. K. Form No. 1202

WATER LEVEL AND DISCHARGE

STATION BANUGAO, INFANTA, QUEZON

River system	AGOS		Name of stream:		AGOS		Drainage area (Km ²):		911		Year		1954	
	Jan		Feb		Mar		Apr		May		June			
	H	Q	H	Q	H	Q	H	Q	H	Q	H	Q		
1		731.6		59.8		127.5		103.0		27.5		27.5		1
2		555.6		56.2		96.1		80.0		27.5		27.5		2
3		404.4		63.8		110.4		73.9		27.5		26.5		3
4		275.4		117.7		105.5		71.9		26.5		25.5		4
5		202.9		103.0		250.4		67.9		26.5		25.5		5
6		158.9		84.6		490.7		59.8		31.4		25.5		6
7		158.9		269.0		291.4		56.2		27.5		24.5		7
8		175.1		220.3		424.0		56.2		40.4		45.6		8
9		122.6		161.6		265.9		52.7		42.0		40.4		9
10		105.5		127.5		183.3		49.1		32.7		24.5		10
11		98.4		93.8		156.2		43.8		28.9		23.5		11
12		91.5		78.0		110.4		43.8		27.5		24.5		12
13		98.4		93.8		96.1		40.4		28.9		23.5		13
14		110.4		63.8		86.9		37.2		31.4		22.5		14
15		161.6		61.8		78.0		37.2		59.8		21.6		15
16		180.5		54.5		105.5		35.6		37.2		32.7		16
17		137.9		76.0		105.5		34.0		32.7		40.4		17
18		132.7		76.0		177.8		34.0		30.1		26.5		18
19		112.8		69.9		339.8		31.4		28.8		24.5		19
20		112.8		76.0		211.5		34.0		47.3		23.5		20
21		107.9		67.9		275.4		39.2		30.1		23.5		21
22		112.8		153.5		301.0		34.0		27.5		22.5		22
23		80.0		153.5		232.1		30.1		25.5		22.5		23
24		76.0		105.5		214.4		31.4		32.7		21.6		24
25		71.9		100.7		191.7		30.1		38.8		25.5		25
26		67.9		117.7		137.9		32.7		38.8		25.5		26
27		61.8		122.6		110.4		31.4		30.1		25.5		27
28		67.9		150.9		91.5		28.8		28.8		24.5		28
29		66.9				84.6		28.8		27.5		24.5		29
30		61.8				122.6		28.8		26.5		23.5		30
31		71.9				112.8				27.5				31
MAX		731.6		269.0		490.7		103.0		59.8		45.6		MAX
MIN		61.8		54.5		78.0		28.8		25.5		21.6		MIN
TOTAL		4975.6		2979.3		5686.9		1355.5		995.7		795.3		TOTAL
DAYS														DAYS
MEAN		160.5		106.4		183.5		45.2		32.1		26.5		MEAN

H : Gauge height in m , Q : Discharge in m³/sec
 Zero point of water gauge : El. _____

WATER LEVEL AND DISCHARGE

STATION BANUGAO, INFANTA, QUEZON

River system	AGOS		Name of stream :		AGOS		Drainage area (Km ²) :		911		Year 1954		
	July		Aug		Sept		Oct		Nov		Dec		
	H	Q	H	Q	H	Q	H	Q	H	Q	H	Q	
1		22.5		27.5		82.3		59.8		91.5		315.0	1
2		22.5		32.7		65.7		50.9		61.8		259.7	2
3		21.6		47.3		54.5		59.8		54.5		288.2	3
4		26.5		52.7		47.3		50.9		49.1		272.2	4
5		47.3		34.0		42.0		45.6		45.6		456.3	5
6		49.1		28.8		38.8		52.7		43.8		568.8	6
7		37.2		28.8		35.6		52.7		45.6		377.8	7
8		27.5		27.5		45.6		49.1		120.2		226.2	8
9		26.5		26.5		43.8		49.1		877.4		329.0	9
10		58.0		26.5		37.2		56.2		241.1		250.4	10
11		67.9		25.5		34.0		58.0		156.2		232.1	11
12		63.6		27.5		32.7		56.2		127.5		205.7	12
13		35.6		32.7		32.7		115.3		98.4		166.1	13
14		30.1		89.2		32.7		105.5		84.6		229.2	14
15		26.5		156.2		34.0		80.0		175.1		702.6	15
16		27.5		100.7		56.2		61.8		82.3		1210.2	16
17		43.8		67.9		82.3		58.0		65.8		542.2	17
18		30.1		54.5		59.8		58.0		59.8		343.6	18
19		27.5		45.6		54.5		117.7		56.2		297.8	19
20		26.5		37.2		49.1		84.6		156.2		223.5	20
21		28.8		32.7		73.9		69.9		86.9		156.2	21
22		27.5		49.1		54.5		61.8		120.2		214.4	22
23		26.5		38.8		45.6		56.2		89.2		194.5	23
24		25.5		34.0		43.8		50.9		78.0		167.0	24
25		23.5		30.1		54.5		47.3		67.9		191.7	25
26		26.5		40.0		45.6		49.1		65.9		953.5	26
27		30.1		34.0		40.4		61.8		63.8		1329.2	27
28		26.5		35.6		54.5		54.5		56.2		1046.1	28
29		27.5		34.0		93.8		59.8		73.9		396.8	29
30		26.5		37.2		65.9		52.7		318.5		355.0	30
31		25.5		63.8				54.5				329.0	31
MAX		67.9		156.2		93.8		117.7		887.4		1329.2	MAX
MIN		21.6		25.5		32.7		45.6		43.8		156.2	MIN
TOTAL		1012.5		1397.0		1533.2		1940.5		3713.1		12850.1	TOTAL
DAYS													DAYS
MEAN		32.7		45.1		51.1		62.6		123.8		414.5	MEAN

H : Gauge height in m , Q : Discharge in m³/sec.
 Zero point of water gauge : El. _____

N. K. Form No. 1202

WATER LEVEL AND DISCHARGE

STATION BANUGAO, INFANTA, QUEZON

River system	AGOS		Name of stream :		AGOS		Drainage area (Km ²):		911		Year		1955	
	Jan		Feb		Mar		Apr		May		June			
	H	Q	H	Q	H	Q	H	Q	H	Q	H	Q		
1		332.5		105.5		69.9		40.4		47.3		24.6	1	
2		291.4		96.1		61.8		38.8		42.2		30.0	2	
3		238.0		89.2		56.2		38.8		37.7		25.7	3	
4		183.3		82.3		50.9		37.2		34.8		23.6	4	
5		200.1		76.0		47.3		40.4		32.3		39.1	5	
6		538.0		67.9		45.6		58.0		31.2		63.5	6	
7		1052.2		61.8		45.6		156.4		30.0		81.6	7	
8		765.2		56.2		42.0		85.9		28.9		103.8	8	
9		529.4		45.6		40.4		67.4		27.8		81.6	9	
10		294.6		37.2		38.8		49.1		26.7		54.2	10	
11		217.4		43.8		40.4		37.7		25.7		45.6	11	
12		278.6		50.9		43.8		32.3		24.6		39.1	12	
13		259.7		56.2		42.0		31.2		25.7		33.4	13	
14		336.0		52.7		42.0		28.9		37.7		34.8	14	
15		564.4		49.1		45.6		26.7		50.8		31.2	15	
16		512.2		49.1		42.0		26.7		33.4		39.1	16	
17		964.5		56.2		52.7		26.7		32.3		63.5	17	
18		370.2		52.7		47.3		25.7		39.1		42.2	18	
19		308.0		67.9		42.0		33.4		32.3		57.6	19	
20		259.7		100.7		40.4		34.8		31.2		50.8	20	
21		229.2		135.3		43.8		30.0		28.9		45.6	21	
22		161.6		127.5		49.1		28.9		27.8		79.4	22	
23		127.5		117.7		43.8		33.4		26.7		71.3	23	
24		244.2		96.1		42.0		32.3		25.7		133.2	24	
25		191.7		78.0		43.8		36.2		33.4		92.5	25	
26		158.9		76.0		52.7		88.1		26.7		115.8	26	
27		137.9		76.0		47.3		85.9		24.6		90.3	27	
28		188.9		73.9		50.9		88.1		23.6		83.7	28	
29		161.6				54.5		92.5		22.5		71.3	29	
30		130.1				49.1		67.4		22.5		203.0	30	
31		120.2				42.0				24.6			31	
MAX		1052.2		135.3		69.9		156.4		50.8		203.0	MAX	
MIN		120.2		37.2		38.8		25.7		22.5		23.6	MIN	
TOTAL		10347.1		2077.5		1455.6		1499.4		958.7		1950.9	TOTAL	
DAYS													DAYS	
MEAN		333.8		74.2		47.0		50.0		32.0		65.0	MEAN	

H : Gauge height in m , Q : Discharge in m³/sec
 Zero point of water gauge : El.

WATER LEVEL AND DISCHARGE

STATION BANUGAO, INFANTA, QUEZON

River system	AGOS		Name of stream:		AGOS		Drainage area (Km ²):		911		Year		1955	
	July		Aug		Sept		Oct		Nov		Dec			
	H	Q	H	Q	H	Q	H	Q	H	Q	H	Q		
1		120.6		27.8		25.7		47.3		180.6		698.0	1	
2		128.1		27.8		24.6		42.2		183.4		262.8	2	
3		73.3		26.7		24.6		71.3		274.0		214.4	3	
4		61.5		25.7		24.6		71.3		167.0		186.1	4	
5		61.5		24.6		23.6		186.2		148.4		194.5	5	
6		55.9		75.2		23.6		143.3		156.4		117.7	6	
7		135.7		61.6		26.7		94.6		194.6		135.3	7	
8		83.7		42.2		23.6		75.2		140.8		122.6	8	
9		71.3		36.2		22.5		148.4		106.2		161.6	9	
10		65.4		32.3		24.6		151.1		219.9		180.5	10	
11		59.6		34.8		26.7		130.6		354.8		186.1	11	
12		52.5		30.0		24.6		99.0		533.9		385.4	12	
13		47.3		28.9		31.2		99.0		343.4		404.4	13	
14		55.9		27.8		26.7		94.6		284.5		315.0	14	
15		59.6		39.1		24.6		63.5		194.6		223.3	15	
16		59.6		28.9		34.8		50.8		125.5		167.0	16	
17		61.5		27.8		159.0		267.0		161.7		180.5	17	
18		49.1		27.8		90.3		211.5		211.5		145.7	18	
19		45.6		28.9		108.6		140.8		183.4		122.6	19	
20		40.5		42.2		167.0		111.0		153.7		112.8	20	
21		36.2		88.1		274.0		306.1		123.0		100.7	21	
22		33.4		57.6		133.2		563.0		106.2		98.4	22	
23		32.3		50.8		111.0		524.5		92.5		115.3	23	
24		31.2		45.6		239.8		284.5		324.6		143.1	24	
25		30.0		34.8		125.5		191.8		214.3		150.9	25	
26		28.9		36.2		92.5		148.4		133.2		158.9	26	
27		33.4		33.4		71.3		120.6		148.4		140.5	27	
28		36.2		32.3		59.6		159.4		519.8		125.1	28	
29		31.2		31.2		52.5		106.2		1293.0		132.7	29	
30		30.0		27.8		49.0		106.2		1203.6		132.7	30	
31		28.9		26.7				151.2				125.1	31	
MAX		135.7		88.1		274.0		563.0		1293.0		698.0	MAX	
MIN		28.9		24.6		22.5		42.2		92.5		98.4	MIN	
TOTAL		1740.0		1161.0		2146.1		4960.2		8476.8		5939.5	TOTAL	
DAYS													DAYS	
MEAN		56.1		37.5		71.5		160.0		282.6		191.6	MEAN	

H : Gauge height in m, Q : Discharge in m³/sec

N. K. Form No. 1202

Zero point of water gauge : El. _____

WATER LEVEL AND DISCHARGE

STATION BANUGAO, INFANTA, QUEZON

River system	AGOS		Name of stream:	AGOS		Drainage area (Km ²):	911		Year	1956			
	Jan		Feb		Mar		Apr		May		June		
	H	Q	H	Q	H	Q	H	Q	H	Q	H	Q	
1		105.5		172.4		250.4		59.8		58.0		78.0	1
2		82.3		137.9		408.2		65.9		59.8		86.9	2
3		80.0		120.2		473.5		65.9		63.8		122.6	3
4		76.0		110.4		244.2		137.9		59.8		91.5	4
5		73.9		96.1		223.3		143.1		58.0		164.3	5
6		76.0		96.1		191.7		262.8		58.0		65.9	6
7		73.9		84.6		186.1		250.4		56.2		61.8	7
8		69.9		78.0		161.6		232.1		58.0		59.8	8
9		82.3		52.7		164.3		533.7		130.1		73.9	9
10		115.3		69.9		110.4		440.0		80.0		61.8	10
11		107.9		65.9		96.1		385.4		76.0		58.0	11
12		89.2		91.5		93.8		315.0		78.0		54.5	12
13		96.1		125.1		169.7		482.1		105.5		52.7	13
14		98.4		110.4		180.5		285.0		202.9		56.2	14
15		115.3		93.8		156.2		194.5		158.9		54.5	15
16		137.9		84.6		140.5		158.9		112.8		49.1	16
17		235.1		362.6		226.2		132.7		89.2		50.9	17
18		175.1		200.1		153.5		112.8		78.0		96.1	18
19		130.1		117.7		117.7		98.4		73.9		80.0	19
20		105.5		153.5		100.7		89.2		67.9		115.3	20
21		89.2		158.9		91.5		86.9		65.9		100.7	21
22		77.9		135.3		84.6		91.5		61.8		100.7	22
23		47.3		107.9		86.9		86.9		58.0		59.8	23
24		69.9		93.8		82.3		82.3		56.2		58.0	24
25		329.0		103.0		71.9		71.9		54.5		58.0	25
26		507.9		112.8		65.9		67.9		56.2		58.0	26
27		538.0		93.8		73.9		63.8		56.2		52.7	27
28		370.2		71.9		86.9		59.6		50.9		120.2	28
29		366.4		130.1		73.9		65.9		54.5		69.9	29
30		304.5				63.8		59.8		50.9		63.8	30
31		241.1				63.8				67.9			31
MAX		538.0		362.6		473.5		533.7		202.9		164.3	MAX
MIN		47.3		52.7		63.8		59.8		50.9		49.1	MIN
TOTAL		5067.0		3431.0		4694.0		5182.2		2357.9		2275.6	TOTAL
DAYS													DAYS
MEAN		163.5		118.3		151.4		172.7		76.1		75.9	MEAN

H : Gauge height in m , Q : Discharge in m³/sec

N. K. Form No. 1201

Zero point of water gauge : El.

WATER LEVEL AND DISCHARGE

STATION BANUGAO, INFANTA, QUEZON

River system	AGOS		Name of stream :		AGOS		Drainage area (Km ²) :		911	Year		1956	
	July		Aug		Sept		Oct		Nov		Dec		
	H	Q	H	Q	H	Q	H	Q	H	Q	H	Q	
1		58.0		45.6		96.1		214.4		226.2		456.3	1
2		56.2		50.9		84.6		308.0		214.4		717.2	2
3		54.5		54.5		107.9		269.0		202.9		825.2	3
4		58.0		56.2		132.7		269.0		202.9		1040.0	4
5		208.5		91.5		100.7		206.5		200.1		1190.4	5
6		381.6		117.7		89.2		164.3		188.9		948.0	6
7		217.4		127.5		105.5		167.0		191.7		628.0	7
8		169.7		98.4		158.9		158.9		194.5		424.0	8
9		148.3		125.1		404.4		137.9		202.9		308.0	9
10		1226		315.0		301.0		220.3		306.0		851.2	10
11		132.7		226.2		281.8		618.8		325.5		1151.4	11
12		143.1		161.6		205.7		358.8		311.5		595.8	12
13		115.3		125.1		158.9		582.0		322.0		564.4	13
14		91.5		105.5		148.3		416.0		628.0		586.6	14
15		132.7		98.4		132.7		343.6		495.0		507.9	15
16		91.5		91.5		117.7		281.8		347.4		702.8	16
17		73.9		80.0		105.5		278.6		370.2		529.4	17
18		67.9		73.9		91.5		238.0		311.5		538.0	18
19		67.9		69.9		96.1		226.2		259.7		664.8	19
20		63.8		76.0		150.9		238.0		288.2		503.6	20
21		65.9		63.8		301.0		226.2		272.2		477.8	21
22		59.8		63.8		275.4		235.1		322.0		377.8	22
23		56.2		80.0		205.7		238.0		269.0		332.5	23
24		52.7		69.9		122.6		238.0		244.2		332.5	24
25		54.5		71.9		103.0		197.3		229.2		281.8	25
26		52.7		78.0		98.4		194.5		220.3		262.8	26
27		49.1		80.0		112.8		197.3		208.5		288.2	27
28		47.3		73.9		112.8		202.9		202.9		272.2	28
29		49.1		86.9		105.5		202.9		244.2		244.2	29
30		47.3		115.3		117.7		232.1		265.9		220.3	30
31		45.6		115.3				220.3				229.2	31
MAX		381.6		315.0		404.4		618.8		628.0		1190.4	MAX
MIN		45.6		45.6		84.6		137.9		188.9		272.2	MIN
TOTAL		3035.3		3089.1		4624.9		8083.7		8269.9		17052.3	TOTAL
DAYS													DAYS
MEAN		97.9		99.7		154.2		260.8		275.7		550.1	MEAN

H : Gauge height in m , Q : Discharge in m³/sec

N. K. Form No. 1202

Zero point of water gauge : El. _____

WATER LEVEL AND DISCHARGE

STATION BANUGAO, INFANTA, QUEZON

River system AGOS Name of stream: AGOS Drainage area (Km²): 911 Year 1957

	Jan		Feb		Mar		Apr		May		June		
	H	Q	H	Q	H	Q	H	Q	H	Q	H	Q	
1		336.0		84.0		43.8		31.4		16.4		31.4	1
2		332.5		82.3		40.4		30.1		13.3		27.5	2
3		279.6		73.9		38.8		49.1		11.2		24.5	3
4		202.9		67.8		37.2		54.5		11.2		23.5	4
5		262.8		63.8		35.6		86.9		11.2		23.5	5
6		291.4		58.0		34.0		71.9		11.2		23.5	6
7		315.0		52.7		32.7		50.9		11.2		24.5	7
8		440.0		49.1		32.7		40.4		18.0		24.5	8
9		707.6		47.3		37.2		35.6		26.5		23.5	9
10		717.2		45.6		32.7		34.0		26.5		31.4	10
11		381.6		150.9		31.4		30.1		25.5		28.8	11
12		288.2		143.1		31.4		27.5		19.8		30.1	12
13		238.0		186.1		42.0		25.5		10.5		27.5	13
14		297.8		122.6		34.0		25.5		24.5		25.5	14
15		217.4		82.3		93.8		23.5		25.5		15.6	15
16		180.5		80.0		93.8		23.5		25.5		10.5	16
17		169.7		91.5		67.9		26.5		26.5		9.9	17
18		112.8		100.7		50.9		23.5		25.5		9.9	18
19		112.8		73.9		42.0		23.5		25.5		14.8	19
20		169.7		122.6		40.4		23.5		26.5		27.5	20
21		220.3		73.9		43.8		23.5		25.5		26.5	21
22		325.5		67.9		37.2		24.5		24.5		24.5	22
23		247.3		65.9		35.6		22.5		24.5		25.5	23
24		186.1		59.8		34.0		22.5		25.5		25.5	24
25		167.0		52.7		32.7		20.7		25.5		24.5	25
26		161.6		49.1		32.7		19.8		23.5		24.5	26
27		127.5		45.6		32.7		19.8		23.5		25.5	27
28		122.6		45.6		31.4		18.0		23.5		25.5	28
29		103.0				31.4		16.4		25.5		24.5	29
30		86.9				32.7		15.6		27.5		25.5	30
31		78.0				38.8				30.1			31
MAX		717.2		186.1		93.8		86.9		30.1		31.4	MAX
MIN		78.0		45.6		31.4		15.6		10.5		9.9	MIN
TOTAL		7878.2		2238.7		1275.6		940.7		671.0		709.9	TOTAL
DAYS													DAYS
MEAN		254.1		80.0		41.2		31.4		21.7		23.7	MEAN

H : Gauge height in m, Q : Discharge in m³/sec

N. K. Form No. 1201

Zero point of water gauge : El. _____

WATER LEVEL AND DISCHARGE

STATION BANUGAO, INFANTA, QUEZON

River system: AGOS Name of stream: AGOS Drainage area (Km²): 911 Year: 1957

	July		Aug		Sept		Oct		Nov		Dec		
	H	Q	H	Q	H	Q	H	Q	H	Q	H	Q	
1		63.8		34.0		78.0		24.0		93.8		96.1	1
2		35.6		38.8		69.9		32.7		76.0		84.6	2
3		28.8		37.2		93.6		110.4		71.9		91.5	3
4		26.5		34.0		122.6		84.6		175.1		132.7	4
5		25.5		34.0		110.4		71.9		135.3		117.7	5
6		25.5		32.7		98.4		59.8		112.6		107.9	6
7		26.5		20.7		78.0		47.3		105.5		107.9	7
8		30.1		19.8		67.9		45.6		98.4		93.6	8
9		58.0		30.1		59.8		49.1		91.5		82.3	9
10		22.5		27.5		69.9		47.3		82.3		76.0	10
11		12.6		28.8		67.9		42.0		78.0		86.9	11
12		12.6		28.8		56.2		47.3		424.0		80.0	12
13		58.0		28.8		50.9		369.2		238.0		71.9	13
14		67.9		28.8		45.6		191.7		130.1		76.0	14
15		32.7		30.1		43.8		100.7		107.9		65.9	15
16		23.5		73.9		40.4		84.6		89.2		59.8	16
17		20.7		315.0		37.2		71.9		78.0		58.0	17
18		18.0		278.6		47.3		98.4		69.9		65.9	18
19		84.6		177.8		80.0		91.5		59.8		84.6	19
20		89.2		103.0		61.8		125.1		54.5		67.9	20
21		58.0		82.3		59.8		117.7		49.1		59.6	21
22		47.3		156.2		52.7		107.9		47.3		56.2	22
23		50.9		200.1		47.3		91.5		69.9		50.9	23
24		52.7		112.8		50.9		77.6		82.3		47.3	24
25		47.3		82.3		54.5		80.0		69.9		42.0	25
26		40.4		73.9		52.7		93.8		58.0		47.3	26
27		32.7		71.9		45.6		76.0		54.5		50.9	27
28		34.0		59.8		42.0		71.9		122.6		50.9	28
29		34.0		86.9		38.8		61.8		153.5		54.5	29
30		31.4		96.1		35.6		71.9		105.5		54.5	30
31		34.0		112.8				84.6				58.0	31
MAX		89.2		315.0		122.6		369.2		424.0		132.7	MAX
MIN		12.5		19.8		35.6		32.7		47.3		42.0	MIN
TOTAL		1225.4		2537.6		1859.5		2760.2		3184.4		2279.6	TOTAL
DAYS													DAYS
MEAN		39.5		81.9		62.0		89.0		106.2		73.5	MEAN

H : Gauge height in m, Q : Discharge in m³/sec

N. K. Form No. 1202

Zero point of water gauge : El. _____

WATER LEVEL AND DISCHARGE

STATION BANUGAO, INFANTA, QUEZON

River system	AGOS		Name of stream:		AGOS		Drainage area (Km ²):		911		Year		1958	
	Jan		Feb		Mar		Apr		May		June			
	H	Q	H	Q	H	Q	H	Q	H	Q	H	Q		
1		59.8		122.6		52.7		71.9		175.1		80.0	1	
2		59.8		98.4		47.3		78.0		84.6		59.8	2	
3		59.8		84.6		132.7		80.0		49.1		65.9	3	
4		54.5		73.9		145.7		80.0		50.9		67.9	4	
5		61.8		89.2		132.7		82.3		58.0		50.9	5	
6		115.3		73.9		100.7		82.3		61.8		61.8	6	
7		110.4		54.5		76.0		82.3		67.8		50.9	7	
8		117.7		47.3		65.9		82.3		71.9		238.0	8	
9		112.8		49.1		61.8		84.6		73.9		127.5	9	
10		148.3		45.6		54.5		84.6		78.0		67.9	10	
11		169.7		49.1		43.8		84.6		78.0		100.7	11	
12		130.1		61.8		47.3		84.6		76.0		49.1	12	
13		105.5		135.3		50.9		86.9		76.0		50.9	13	
14		82.3		145.7		56.2		93.8		73.9		58.0	14	
15		67.9		132.7		59.8		91.5		78.0		63.8	15	
16		69.9		115.3		65.9		91.5		76.0		65.9	16	
17		117.7		98.4		69.9		93.8		67.9		69.9	17	
18		180.5		73.9		71.9		89.2		73.9		71.9	18	
19		145.5		71.9		73.9		86.9		78.0		73.9	19	
20		107.9		76.0		73.9		86.9		80.0		76.0	20	
21		89.2		69.9		78.0		89.2		82.3		78.0	21	
22		84.6		58.0		78.0		89.2		80.0		78.0	22	
23		103.0		54.5		78.0		89.2		82.3		73.9	23	
24		220.3		43.8		78.0		89.2		82.3		73.9	24	
25		381.6		45.6		78.0		89.2		84.6		71.9	25	
26		294.6		82.3		78.0		91.5		84.6		73.9	26	
27		208.5		84.6		80.0		89.2		76.0		76.0	27	
28		490.7		63.8		82.3		61.8		78.0		78.0	28	
29		244.2				63.8		56.2		78.0		65.9	29	
30		175.1				50.9		137.9		82.3		54.5	30	
31		156.2				63.8				84.6			31	
MAX		490.7		145.7		145.7		137.9		175.1		238.0	MAX	
MIN		54.5		43.8		43.8		56.2		49.1		49.1	MIN	
TOTAL		4525.2		2201.7		2272.6		2580.7		2423.8		2274.7	TOTAL	
DAYS													DAYS	
MEAN		146.0		78.6		73.3		86.0		78.2		75.8	MEAN	

H : Gauge height in m , Q : Discharge in m³/sec

N. K. Form No. 1201

Zero point of water gauge : El.