STATION BASIN			TAAB	4								ļ							
BASIN			TWAN.	: TAABO DAM						•	ALTITUDE	OE				••		m	
, C			: BANDAMA	AMA											-				
ر د							Mean	Discharge (m <sup>3</sup> /s)	e (m <sup>3</sup> /s)							Maximum	mnm	Minimu	ımı
A.D.	]	Dry Season	nc			Ra	Rainy Season	u u			Dry Season	ason	Annual	Season	son	Discharge	large	Discharge	large
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.	Rainy	Dry	m <sup>3</sup> /s	Date	m³/s	Date
1980	1	1	,	1	,	ı		1	1	ı	ı		1	,	1	t	•		'
1981	135.3	45.6	87.8	101.0	57.5	115.1	146.3	156.1	157.7	122.9	79.4	60.3	106.3	122.4	83.7	,			
1982	107.3	87.9	123.2	172.6	129.7	181.6	114.9	166.4	156.4	6.77	80.0	42.4	120.0	142.8	88.2		,		,
1983	62.5	76.8	70.8	100.9	81.8	73.0	26.2	2.7	9.6	12.7	4.1	0	43.4	43.8	42.8	ı	ı	,	
1984	0	0	0.4	0	0	20.4	99.1	140.2	155.9	110.6	11.8	29.7	47.3	75.2	8.4	ı			1
1985	32.7	37.3	33.8	32.8	34.9	5.95	77.2	2.092	362.0	121.9	48.7	85.8	7.86	135.1	47.7	ı	,		1
1986	100.2	122.1	94.0	101.4	97.8	93.3	63.1	84.2	119.2	117.4	53.6	75.0	93.4	9.96	89.0				1
1987	0	36.6	48.3	41.1	13.4	6.5	30.6	63.6	345.4	242.8	100.5	34.5	80.3	106.2	44.0		,		
1988	0	45.7	56.3	38.4	48.8	22.7	20.7	102.8	411.1	190.7	2.99	37.1	8.98	119.3	41.2		1	ı	
1989	47.8	60.5	68.4	67.3	57.0	105.3	112.0	211.0	490.9	208.6	106.3	59.3	132.9	178.9	68.5		1	r	
1990	53.9	103.9	154.6	150.4	67.5	98.2	7.06	51.0	108.1	143.4	173.1	111.2	108.8	101.3	119.3	1	ı		1
1991	178.7	138.5	118.9	118.4	134.5	65.8	67.4	48.3	135.6	192.7	106.3	58.8	113.7	109.0	120.2	5			
1992	46.2	124.5	73.5	6.92	8.99	44.5	23.1	95.8	90.3	166.7	103.9	33.5	78.8	9.08	76.3		ı	,	
1993	59.2	43.6	9.99	54.7	104.2	52.6	13.6	9.06	108.9	125.6	72.5	87.5	73.3	78.6	62.9	1	ı	,	
1994	42.2	67.3	81.7	94.8	71.6	46.2	15.9	18.9	228.9	362.6	233.8	70.9	111.2	119.8	99.2		ı	-	,
1995	134.2	103.4	25.0	42.2	95.3	6.96	107.6	118.4	299.9	234.8	175.7	5.06	127.0	142.2	105.8	•		ı	
1996	104.3	76.8	92.9	8.06	68.1	39.4	152.8	85.6	443.5	193.9	103.5	139.5	132.6	153.4	103.4		•	1	,
s/cm m3/s	s 69.0	73.2	75.4	80.2	9'0'	6.69	72.6	106.0	226.5	164.1	95.0	63.5	97.2	112.8	75.2				
MCM	M 184.8	177.1	202.0	207.9	189.1	181.2	194.5	283.9	587.1	439.5	246.2	170.1	3,063.4	2,083.2	980.2				
¥	1 6.4	6.1	7.0	7.2	9.9	6.3	6.8	6.6	20.4	15.3	8.5	5.9	106.4	72.3	34.0	•			
$\mathrm{m}^3/\mathrm{s}/100\mathrm{km}^2$	$n^2 = 0.24$	0.25	0.26	0.28	0.25	0.24	0.25	0.37	0.79	0.57	0.33	0.22	0.34	0.39	0.26				
Note: "-" means data not av Source: Ministry of Energy	Note: "-" means data not available Source: Ministry of Energy	ailable								•									Ė

RIX	RIVER			: SASS	SASSANDRA						, ,	CATCHMENT AREA	MENT A	REA			••	57,670	Km <sup>2</sup>	
ZT.	STATION			: SOUBRE	RE						•	ALTITUDE	)E				••	105	Ħ	
BA	BASIN			: SASSANDRA	INDRA										:					
								Mean	Discharge (m <sup>3</sup> /s)	;e (m <sup>3</sup> /s)							Maximum	unu	Minimu	imu
	A.D.	T	Dry Season	Œ,				Rainy So	Season				Dry	Annual	Sea	Season	Discharge	ıarge	Discharge	arge
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.	Rainy	Dry	m <sup>3</sup> /s	Date	m <sup>3</sup> /s	Date
:	1980	7.77	59.9	40.3	31.6	37.9	48.7	61.2	201	261	1,130	504	278	227.6	284.4	114.0	1,540	05/10	18.4	21/07
	1981	197	290	456	393	518	550	429			428	538	538	1	t	370.3	1	ı	1	
	1982	298	593	566	324	314	378	149	139	248	401	465	471	387.2	302.3	557.0	899	20/02	87.3	03/08
	1983	432	465	448	310	107	132	185	147	307	405	398	169	292.1	248.9	378.5	585	19/11	20.0	04/05
<u> </u>	1984	58.4	51.0	33.5	15.5	36.0	86.1	127	176	116	126	146	182	96.1	103.6	81.2	384	01/08	5.22	18/04
	1985	596	•	•		247	249	238	413	1,000	764	299	250	r	,	,	1,930	24/09	ı	
	1986	348	340	394	416	329	265	r	100	104	139	203	196	1		319.5	538	12/04	63.5	02/08
	1987	244	228	236	270	244	310	143	175	322	360	361	335	269.0	273.1	260.8	494	15/10	59.3	01/08
	1988	376	422	396	304	146	172	155	221	350	499	350	374	313.8	274.6	392.0	614	14/10	8.99	23/05
	1989	565	302	281	360	419	203	261	299	330	467	430	346	333.1	346.1	307.0	674	24/10	9.96	90/80
	1990	228	287	317	342	279	265	175	173	164	188	229	263	242.5	226.9	273.8	450	26/04	57.9	01/00
	1991	566	249	209	209	208	220	209	226	216	198	264	322	233.0	218.8	261.5	590	27/05	50.9	14/05
	1992	253	310	250	223	219	267	247	192	169	144	213	234	226.8	209.3	261.8	395	15/07	78.4	11/10
	1993	ı	ı	253	353	362	244	200	208	282	389	301	292	•	292.4	-	511	13/10	129	27/07
	1994	287	228	200	281	279	186	148	222	281	954	998	322	354.5	402.1	259.3	1,800	23/10	110	18/07
	1995	290	303	292	395	328	372	403	503	653	1050	550	419	463.2	531.8	326.0	1,510	03/10	245	18/01
	1996	407	292	287	327	345	353	487	487	525	606	443	373	436.3	484.5	339.8	•	•	ı	,
98	s/£m	289.4	294.7	291.2	284.6	259.9	253.0	226.1	242.6	333.0	503.0	385.9	315.5	306.6	311.0	297.7	1,930	24/9/85	5.22	18/4/84
vera	MCM	775.1	712.9	780.0	737.7	696.1	655.8	605.6	649.8	863.1	1,347.2	1,000.3	845.0	9,668.6	6,555.6	3,113.0				
¥	mm	13.4	12.4	13.5	12.8	12.1	11.4	10.5	11.3	15.0	23.4	17.3	14.7	167.7	113.7	54.0				
$  m^3/s  $	$m^3/s/100 km^2$	0.50	0.51	0.50	0.49	0.45	0.44	0.39	0.42	0.58	0.87	0.67	0.55	0.53	0.54	0.52				
Note: Sourc	Note: "-" means data not available Source: Director of Water	ata not avai nf Water	llable																	

RIVER	   			: SASSANDRA	INDRA							CATCHN	CATCHMENT AREA	(EA			••	70,550 Km <sup>2</sup>	Km <sup>2</sup>	
STATION	NOL			: GAOU	: GAOULOU PONT	)NT					•	ALTITUDE	Œ				••	10 ш	н	
BASIN	z			: SASSANDRA	NDRA															
	,							Mea	Mean Discharge (m³/s)	ge (m <sup>3</sup> /s)							Maxi	Maximum	Minimu	imu
<u> </u>	A.D.	T	Dry Season	TI.				Rainy	Rainy Season				Dry	Annual	Season	son	Discl	Discharge	Discharge	large
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.	Rainy	Dry	m <sup>3</sup> /s	Date	m <sup>3</sup> /s	Date
15	1980	97.5	72.3	56.2	35.8	110	153	54.1	249	290	1,180	602	278	264.8	334.2	126.0	2,020	01/10	15.1	25/07
15	1981	218	336	424	511	580	549	469	1	ı	509	490	516		•	374.3	1	ı	t	
15	1982	541	587	549	313	409	627	260	240	283	434	208	478	435.8	384.3	538.8	1,560	14/06	144	29/07
1,	1983	467	480	474	356	193	382	304	231	386	456	466	271	372.2	346.8	423.0	1,020	22/06	53.0	20/90
16	1984	112	-	68.8	42.8	101	255	329	326	234	293	243	255		228.0	,	743	80/60	19.2	20/04
15	1985	329	363	398	380	349	495	364	658	1,340	1,120	443	335	547.8	643.6	356.3	2,790	29/09	108	14/02
15	1986	446	424	504	535	451	391	172	171	191	261	303	267	343.0	309.4	410.3	721	13/04	111	16/07
15	1987	310	262	316	333	335	404	238	290	489	523	446	390	364.1	382.3	327.8	850	15/10	144	02/08
16	1988	427	468	465	368	256	314	592	302	523	756	532	498	431.2	414.5	464.5	940	15/10	156	23/05
15	1989	400	397	373	•	•	367	415	426	520	786	613	472	•	1	410.5	1,170	23/10	166	15/07
15	1990	•	•	1	ı	'	ı	t	ı	•	•	-	•	1	1	ı	t	1		I
15	1991	1	ı	-	-	348	382	428	501	350	271			1	ı	•		1	1	r
¥	1992	,	•	•	•	342	406	341	1	1	253	352	331	-	-	1	-	ı	•	
15	1993	303	284	420	489	498	391	278	321	417	699	421	398	406.9	434.8	351.3	850	13/10	179	02/07
21	1994	393	313	298	392	429	345	225	315	412	1,380	1260	431	516.1	594.8	358.8	2,410	24/10	175	09/02
15	1995	377	388	417	555	473	604	ı	1	•	1,480	765	267	ı	ı	437.3	-	-	241	18/02
15	1996	532	385	399	457	493	566	793	705	742	1,300	611	511	624.5	681.9	509.8	-	ı	ı	,
92	m3/s	353.8	368.9	368.7	366.7	357.8	414.4	329.0	364.2	475.2	729.1	537.0	399.9	422.1	446.7	372.8	2,790	29/6/82	15.1	25/7/80
Vera	MCM	947.6	892.4	987.5	950.5	958.3	1,074.1	881.2	975.5	1,231.7	1,952.8	1,391.9	1,071.1	13,314.6	9,416.0	3,898.6				
¥	шш	13.4	12.6	14.0	13.5	13.6	15.2	12.5	13.8	17.5	27.7	19.7	15.2	188.7	133.5	55.3				
m <sup>3</sup> /s/1	$\mathrm{m}^3/\mathrm{s}/100\mathrm{km}^2$	0.50	0.52	0.52	0.52	0.51	0.59	0.47	0.52	29.0	1.03	92.0	0.57	09'0	0.63	0.53				
] ;																				

RIVER	ER			: SASS	: SASSANDRA							CATCHI	CATCHMENT AREA	<b>VEA</b>			••	$16,600 \text{ Km}^2$	Km²	
STA	STATION			: DABALA	LA							ALTITUDE	DE				••		Ħ	
BASIN	SIN			:SASS	: SASSANDRA															
								Mean	n Dischar	Discharge (m <sup>3</sup> /s)							Maxi	Maximum	Min	Minimu
	A.D.	I	Dry Season	u.			<b>X</b>	Rainy Season	on			Dry Season	eason	Annual	Season	son	Discl	Discharge	Discharge	ıarge
		Јап	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.	Rainy	Dry	m <sup>3</sup> /s	Date	m³/s	Date
	1980	28.9	16.5	14.3	14.4	39.0	34.7	70.3	256	389	224	112	41.1	103.4	146.8	42.6	539	60/80	6.16	01/03
	1981	18.6	9.87	9.57	13.6	48.2	43.0	282	487	451	182	78.0	31.9	137.9	215.3	29.6	229	13/09	5.55	0/90
	1982	16.9	14.0	13.4	45.0	52.1	43.1	150	355	466	263	126	46.9	132.6	196.3	43.4	630	01/00	4.98	12/03
	1983	24.6	19.3		11.5	19.5	45.2	0.99	181	249	89.0	37.8	17.8	1	94.5	t	343	50/03	3.10	05/04
	1984	7.33	3.55	6.44	6.98	26.2	58.1	98.0	230	373	145	51.3	18.8	85.4	133.9	17.5	532	60/80	1.19	29/02
	1985	85.8	-	1	5.04	18.2	17.7	t	518	456	206	84.2	32.7	1	-	t	731	60/60	3.10	06/04
	1986	14.6	8.50	16.1	10.8	14.1	15.5	63.9	197	316	155	116	30.7	79.9	110.3	37.2	501	04/00	5.14	20/04
	1987	16.2	9:36	8.22	7.37	7.62	t	28.8	138	315	195	48.9	26.1	1	ı	19.4	472	04/00	3.24	30/04
	1988	02.6	-	•	6.24	12.5	28.9	1	338	495	175	59.8	25.0	ı	•	ı	851	24/08	3.10	22/02
	1989	1		,	ı	11.0	19.0	127	337	379	159			1	1	ī			1	,
	1990	ı	,	,	,	'	,				ı	56.1	35.1	ı	,	ı		,	1	
	1991	11.8	5.88	•	10.2		•			•	ı	1	. 1	,		-	,	1	ı	
	1992	•	•	•	•	20.2	45.5	114	274	ı	t	84.9	31.4	1		1	1	,	1	
	1993	15.3	7.41	12.2	12.2	37.1	38.3	78.0	255	369	224	6.77	33.2	9.96	144.8	29.2	506	10/09	5.46	23/02
	1994	16.6	11.5	8.70	8.63	18.8	31.4	9.68	146	505	572	315	83.8	150.6	195.9	87.1	713	14/10	5.46	08/04
	1995	38.9	19.4	21.90	40.5	30.7	32.3	102	421	458	278	26	40.6	131.7	194.6	43.6	627	10/09	9.62	08/03
	1996	21.3	20.6	11.2	17.4	28.3	84	87.8	220	450	271	83.8	44.8	111.7	165.5	36.3	ı	•	1	ı
95	m3/s	17.8	12.2	12.2	15.0	25.6	38.3	104.4	290.2	405.1	224.1	95.2	36.0	106.3	157.5	34.7	851	24/8/88	1.19	29/2/84
vera	MCM	47.7	29.5	32.7	38.9	9.89	99.3	279.6	777.3	1,050.0	600.2	246.8	96.4	3,367.0	2,913.9	453.1				
¥	mm	2.9	1.8	2.0	2.3	4.1	6.0	16.8	46.8	63.3	36.2	14.9	5.8	202.8	175.5	27.3				
m <sup>3</sup> /s	$\mathrm{m}^3/\mathrm{s}/100\mathrm{km}^2$	0.11	0.07	0.07	0.09	0.15	0.23	0.63	1.75	2.44	1.35	0.57	0.22	0.64	0.95	0.21				
Note: Sourc	Note: "-" means data not available Source: Director of Water	ata not avai of Water	ilable																	

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RIVER	ER			: SASSANDRA	NDRA							CATCH	CATCHMENT AREA	<b>EA</b>			••	: 32,619 Km <sup>2</sup>	Km <sup>2</sup>	
STA	STATION			: PIEBLY	Ϋ́							ALTITUDE	DE				••	Ħ	E	
BASIN	Z			: SASSA	SASSANDRA															
						:		Mean ]	an Dischar	Discharge (m³/s)							Maxi	Maximum	Minimu	n iiii
7	A.D.	I	Dry Season	Uı				Rainy Season	ason			Dry S	Dry Season	Annual	Season	uo	Discl	Discharge	Discharge	arge
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.	Rainy	Dry	m <sup>3</sup> /s	Date	m <sup>3</sup> /s	Date
	1980		•		•	1	1	ı	,	,	ı		1	ı	ī				,	
	1981	,	'		ı	102	74.7	396	743	748	320	140	59.9	1		1		t		1
	1982	28.0	25.5	22.2	70.9	95.5	114	257	603	819	429	198	79.5	228.5	341.2	70.6	1,610	05/09	8.07	12/03
	1983	41.9	30.5	15.0	18.7	42.6	67.0	85.2	223	420	178	77.5	36.1	103.0	147.8	40.2	209	19/09	4.50	01/04
1	1984	12.4	4.97	6.73	11.4	54.1	98.1	179	478	583	294	106	41.7	155.8	242.5	34.4	804	11/09	1.50	08/03
1	1985	17.9	5.79	7.16	8.76	36.1	40.6	265	861	902	376	153	61.0	227.9	355.6	49.0	1,230	24/09	3.30	04/03
1	1986	25.3	12.7	23.7	19.9	28.4	43.8	105	322	519	280	204	53.2	136.4	188.3	63.8	999	60/50	10.2	24/02
	1987	24.6	14.4	12.1	14.3	9:38	54.1	70.5	60€	695	446	120	60.4	152.5	228.3	46.3	666	05/09	2.90	19/05
1	1988	21.0	7.51	5.76	14.3	32.9	55.4	184	889	1080	345	126	58.7	218.2	342.8	43.8	2,040	27/08	3.10	12/03
1	1989	19.7	7.85	14.4	15.2	-	· ·	204	579	,	384	121	54.9			ı	,	1		
	1990	29.3	99.6	6.54		64.4	38.8	1	-	ı	t		1	,	1	,		,	,	
1	1991	29.8	14.5	14.2	32.3	58.7	117	200	400	,	ı	119	48.5	ı		45.2	,		,	
1	1992	17.2	13.4	7.29	12.2	39	111	205	482	1	-	ı	•		1	ı	t	•	1	
	1993	,	ı	36.4	40.0	72.2	124	207	368	638	472	176	74.0	ı	274.5	,		,	ı	
	1994	30.2	18.8	20.7	33.7	58.7	162	226	1030	1030	1260	583	145	383.2	542.9	159.5	1,600	15/10	11.4	16/02
	1995	64.2	29	30.3	8.89	79	86.3	204	-	-	ı	216	96.2		•	87.1		1	17.1	09/03
	1996	49.9	62.7	40.6	57.7	71.6	165	236	446	927	596	184	123	246.6	357.0	92.0	1	1		,
<b>ə</b> 8	m3/s	29.4	18.4	17.5	29.9	56.3	90.1	201.6	238.0	760.1	448.3	180.3	70.9	203.4	303.5	63.3	2,040	27/9/88	1.50	8/3/83
AGL9	MCM	78.7	44.5	46.9	77.5	150.8	233.5	540.0	1,441.0	1,970.2	1,200.7	467.3	189.9	6,441.0	5,613.7	827.3				
¥	mm	2.4	1.4	1.4	2.4	4.6	7.2	16.6	44.2	60.4	36.8	14.3	5.8	197.5	172.1	25.4				
m <sup>3</sup> /s/	$m^3/s/100 km^2$	0.09	0.06	0.05	0.09	0.17	0.28	0.62	1.65	2.33	1.37	0.55	0.22	0.62	0.93	0.19				

Note: "-" means data not available Source: Director of Water

RIVER	¥.			: BAFING	<u>[G</u>							CATCHI	CATCHMENT AREA	REA			••	5,930 Km <sup>2</sup>	Km <sup>2</sup>	
STA	STATION			: BADA	LA (BA	: BADALA (BAFINGDALA)	(FA)					ALTITUDE	DE				••	410 m	Ħ	•
BASIN	z			: SASSANDRA	NDRA										,				į	
								Mean	Discharge (m <sup>3</sup> /s)	(m <sup>3</sup> /s)							Maxi	Maximum	Min	Minimu
₹	A.D.	Dry S	Dry Season				Rainy	Rainy Season				Dry Season	cason	Annual	Season	шо	Disc	Discharge	Discharge	ıarge
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.	Rainy	Dry	m <sup>3</sup> /s	Date	m <sup>3</sup> /s	Date
1	1980	t			1	32.8	23.5	28.2	143	-	126	78.2	31.7	t	,			1	7.51	18/02
1	1861	13.9	8.56	6.85	15.7	35.3	24.1	88.2	149	151	90.0	47.1	19.5	54.1	70.0	22.3	238	17/09	3.43	03/03
1	1982	8.24	10.7	7.54	25.0	32.6	58.1	85.4	167	178	110	61.9	25.7	64.2	83.0	26.6	298	19/08	1.93	12/03
1	1983	11.2	8.95	3.13	9.26	15.1	25.1	22.0	48.5	108	57.7	28.6	12.0	29.1	36.1	15.2	183	20/09	1.35	26/03
1	1984	3.58	1.25	4.07	6.75	28.0	41.4	61.5	135	125	89.4	36.2	13.8	45.5	61.4	13.7	198	02/08	0.49	02/03
T	1985	5.27	1.72	4.14	5.37	17.0	22.8	93.1	200	227	112	53.4	22.6	63.7	85.2	20.7	278	13/09	1.10	21/02
1	1986	7.87	4.64	9.80	7.45	16.0	26.9	36.2	91.1	114	9.62	9.69	16.5	40.0	47.6	24.7	160	01/10	3.32	18/02
1	1987	7.68	4.18	5.22	4.86	6.52	24.5	41.5	95.8	202	130	43.5	24.8	49.2	63.8	20.0	241	18/09	1.18	28/04
1	1988	2.68	2.77	5.20	8.00	15.5	26.2	47.2	141	218	90.7	44.3	22.2	52.4	0.69	19.2	283	25/08	1.35	28/02
1	1989	6.74	3.81	11.4	13.4	12.9	15.3	75.0	163	229	130	48.6	23.7	61.1	81.3	20.7	332	12/09	2.59	09/03
Ť	1990	11.2	4.99	3.89	11.7	27.0	25.4	40.0	77.1	114	85.5	51.5	-	ı	48.1	t	151	11/09	1.27	26/03
Ť	1661	12.5	9.65	9.12	17.5	20.3	54.1	72.5	80.5	96.6	83.1	33.8	17.7	42.0	54.2	17.7	139	05/09	4.16	13/02
T	1992	5.34	6.07	3.51	11.0	18.1	55.1	57.3	117	171	126	62.9	24.0	55.0	6.69	25.3	229	24/09	1.51	24/03
Ţ	1993	9.78	3.38	20.4	15.1	17.8	62.1	L	ı	220	ı	6.69	30.0	ı	-	28.3	1	,	2.13	19/02
Ť	1994	11.9	9.71	9.68	10.0	14.2	27.6	63.1	70.5	240	318	130	43.3	79.0	94.1	48.7	516	22/10	4.58	10/02
Ţ	1995	20.3	9.33	15.3	34.6	36.8	48.2	86.3	181	235	165	72.5	37.3	78.5	100.3	34.9	357	60/20	96.9	23/02
1	1996	19.1	26.5	30.2	37.7	32.4	80.8	101	156	230	198	104	48.6	88.7	108.3	49.6	,	1	t	•
ෘඩි	m3/s	10.1	7.1	9.3	14.6	22.3	37.7	62.4	126.0	178.7	124.4	61.1	25.8	9.95	71.9	26.0	516	22/10/94	0.49	2/3/84
Veta	MCM	27.1	17.2	24.9	37.8	59.7	67.7	167.1	337.5	463.2	333.2	158.4	69.1	1,792.9	1,521.1	271.8				
¥	mm	4.6	2.9	4.2	6.4	10.1	16.5	28.2	56.9	78.1	56.2	26.7	11.7	302.3	256.5	45.8				
m <sup>3</sup> /s/.	$m^3/s/100 km^2$	0.17	0.12	0.16	0.25	0.38	0.64	50.1	2.12	3.01	2.10	1.03	0.44	0.95	1.21	0.44				
Nofe: "	" means d	Note: "," means data not available	Jahle																	

_	RIVER			: DAVO								CATCHI	CATCHMENT AREA	ŒA			••	6,625	$\mathrm{Km}^2$	
ST	STATION			: DAKPADOU	ADOU							ALTITUDE	DE				••	72	Ħ	
B∕	BASIN			: SASSANDRA	NDRA															
								Mean	Discharge (m <sup>3</sup> /s)	(m <sup>3</sup> /s)							Maxi	Maximum	Minimu	nmi
	A.D.	I	Dry Season	п				Rainy Season	Season				Dry	Annual	Season	uo	Discl	Discharge	Discharge	large
		Jan	Feb	Маг	Арг	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.	Rainy	Dry	m <sup>3</sup> /s	Date	m³/s	Date
	1980	3.28	3.99	14.2	13.5	42.4	52.7	14.5	42.5	52.2	54.1	40.0	19.1	29.4	39.0	10.1	116	24/09	2.03	24/01
	1981	2.00	1.55	7.02	10.1	28.4	25.9	34.2	19.4	25.3	49.2	34.3	11.1	20.7	28.4	5.4	65	24/06	0.743	03/02
	1982	1.48	0.211	-	23.6	54.1	166	71.5	21.8	8.33	14.1	25.8	3.40	ı	48.2		361	15/06	•	16/02
	1983	0.136	0.001	0.468	2.61	24.0	88.5	44.2	5.93	5.23	6.54	7.49	12.4	16.5	23.1	3.3	216	31/05	•	11/02
	1984	2.84	0.141	2.36	3.32	22.0	58.7	111	68.7	39.8	63.1	23.2	9.47	33.7	48.7	3.7	146	02/02	•	15/03
	1985	5.45	2.07	1.47	28.6	14.5	86.2	56.4	80.0	149	9.99	30.0	8.72	42.5	61.6	4.4	217	03/00	0.985	28/02
	1986	1.94	0.700	3.23	16.9	24.7	36.3	5.88	8.84	31.3	78.8	35.2	3.73	20.6	29.7	2.4	135	18/09	0.400	14/02
	1987	0.913	0.910	4.60	10.5	5.39	38.3	18.6	29.6	82.3	116	37.9	6.36	29.3	42.3	3.2	181	14/10	0.715	08/02
	1988	1.71	-	3.56	7.93	10.8	37.9	34.8	8.67	51.1	133	57.3	25.8	1	42.7		205	06/10		r
	1989	3.51	-	-	•	•	32.3	55.7	34.4	55.7	120	45.8	31.2	t			168	06/10		•
	1990	28.5	10.3	4.97	13.5	6'9£	0.06	100	74.5	33.9	38.1	73.1	42.1	45.5	57.5	21.5	126	29/06	2.62	16/03
	1991	•	•	-	7	46.0	1.17	62.0	22.6	19.8	17.7	34.4	15.9			ı	147	90/50	•	ı
	1992	ı	•	•	1	12.5	33.5	6.90	1.39	1.33	22.0	25.3	4.81	•	•	1	65	16/06		ı
j	1993	1.12	0.713	1.20	12.2	21.9	35.1	28.5	4.45	20.2	64.7	42.5	17.8	20.9	28.7	5.2	26	20/10	0.400	02/03
	1994	1.81	1.91	13.3	10.3	32.2	46.4	12.8	12.2	34.6	54.5	58.4	8.67	23.9	32.7	6.4	156	28/06	0.400	17/02
	1995	0.926	0.339	4.23	31.1	48.4	62.8	72.5	23.9	9.99	9.68	37.0	21.00	38.2	9.09	15.8	151	03/10	0.220	21/02
	1996	-	-	-	-	-	-	J	ı	•	•		1	1	t		•	ı	ı	1
əg	m3/s	4.0	1.9	5.1	12.7	28.3	60.1	45.6	28.7	42.3	61.8	38.0	15.1	28.6	39.7	6.5	361	15/6/82	0	
vera	MCM	10.7	4.6	13.7	32.9	75.8	155.8	122.1	6.92	109.6	165.5	98.5	40.4	5.906	837.1	69.4				
¥	mm	1.6	0.7	2.1	5.0	11.4	23.5	18.4	11.6	16.5	25.0	14.9	6.1	136.8	126.4	10.5				
m <sup>3</sup> ,	$\mathrm{m}^3/\mathrm{s}/100\mathrm{km}^2$	90.0	0.03	0.08	0.19	0.43	0.91	69.0	0.43	0.64	0.93	0.57	0.23	0.43	09.0	0.10				
Note	Note: "-" means data not available Source: Director of Water	lata not ava of Water	ilable																	

RIVER			••	: LOBO								CATCH	CATCHMENT AREA	REA			••	: 12,745 Km <sup>2</sup>	Km <sup>2</sup>	
STATION	z		••	: LOBOVILLE	VILLE							ALTITUDE	IDE				••		E	
BASIN			**	: SASSANDRA	NDRA							:								
								Mean	Discharg	Discharge (m <sup>3</sup> /s)							Maxi	Maximum	Mir	Minimu
A.D.		Dry	Dry Season					Rainy	Rainy Season				Dry	Annual	Sea	Season	Disc	Discharge	Disc	Discharge
,	Ja	Jan F	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.	Rainy	Dry	m <sup>3</sup> /s	Date	m <sup>3</sup> /s	Date
1980		_	<del></del> -	,		1	<u>'</u>		<u> </u>	•	•	1		,	1	ı		•	1	ı
1981		1	ı	ı		ı	1	1	,	•		1	-	1	1	'		•	,	ı
1982	•		ı	ı	1	ι	,		1	1	1	•		ı	,		'	t		1
1983		,	1	,		ı	1	ı	•		1	. '		•	ı	t		1		
1984				ı	ı	ı			1	ı	1	•	1	ı	1			ı		1
1985	1		ı			1	1	•	•	•	'	,		1	1	,		-	t	
1986			ı	t		1	ı	1	t			1	ı	,		-	•		1	
1987	-	_		ı	ı			1	ı	,	•	•		,	,	'	r	•	•	t
1988	•		-	,		15.4	22.3	41.9	34.5	143	123	37.3	29.1	,	1	1	171	24/09	,	•
1989	•		1	ı	D	•	•	43.2	61.6	54.5	161	71.9	25.8	•	1	ı	193	23/10	J	'
1990		13.6	9.62	16.2	44.6	36.0	16.8	13.2	9.91	39.7	39.1	17.8	22.1	23.2	27.1	15.4	64.0	22/09	5.00	19/02
1991	11.7		24.4	38.1	20.4	94.8	69.2	40.1	36.1	64.5	37.6		1	•	1	ı	248	27/05		•
1992	'		-	5.00	7.23	8.53	11.8	6.50	2.64	,	29.2	25.2	6.95	-	•	•	42.5	24/10		ı
1993	2.95		2.36	6.48	17.5	19.6	17.1	17.7	6.19	26.2	8.69	33.1	10.4	19.1	25.9	5.5	95.5	13/10	1.25	15/02
1994	5.86		3.44	2.2	6.78	9.46	9.08	3.71	11.0	50.8	ı	-	13.7	ı	ı	•	185	21/10	1.45	08/02
1995	7.34		4.55	99.6	18.1	31.1	33.6	42	70.8	155	185.0	80.5	31.6	55.8	77.0	13.3	214	08/10	1.4	13/02
1996	18.7		11.3	8.25	19.5	29.7	39.2	105.0	59.7	9.88	114	39.1	17.1	45.8	61.9	13.8		,	:	•
	m3/s 10.0		9.3	12.3	19.2	9.08	27.4	34.8	32.5	77.8	94.8	43.6	19.6	34.3	45.1	12.8	248	27/5/91	1.25	15/2/93
vera V	MCM 26.8		22.5	32.9	49.8	82.0	. 71.0	93.2	87.0	201.7	253.9	113.0	52.5	1,086.3	951.6	134.7				
	mm 2.1		1.8	2.6	3.9	6.4	5.6	7.3	6.8	15.8	19.9	8.9	4.1	85.2	74.7	10.6	,			
$\mathrm{m}^3/\mathrm{s}/100\mathrm{km}^2$	$cm^2$ 0.08		0.07	0.10	0.15	0.24	0.21	0.27	0.26	0.61	0.74	0.34	0.15	72.0	0.35	0.10		_		
Note: "-" means data not available Source: Director of Water	eans data no ector of Wa	ot availabl ter	e Ie																	

RIVER	ER			N'ZO								CATCHI	CATCHMENT AREA	REA			••	4,310 Km <sup>2</sup>	Km <sup>2</sup>	
STA	STATION			: KAHIN	z							ALTITUDE	DE				••		Ħ	
BASIN	Z			: SASSANDRA	ANDRA															
								Mean	Discharge (m <sup>3</sup> /s)	e (m <sup>3</sup> /s)							Maxi	Maximum	Minimu	imi
7	A.D.	Dry S	Dry Season				Rainy	Rainy Season				Dry S	Dry Season	Annual	Season	ion	Disc	Discharge	Discharge	large
		Jan	Feb	Mar	Apr	May	Jun	Juľ	Aug	Sep	Oct	Nov	Dec	Avg.	Rainy	Dry	m³/s	Date	m³/s	Date
	1980			-					797	,	113	57.1	23.8		ı			1	-	,
	1981	6.51	1.70	2.20	3.18	12.1	8.21	60.4	153	126	78.4	30.3	12.0	41.2	55.4	12.6	304	02/08	0.522	21/04
	1982	2.98	2.01	4.05	7.64	12.8	31.5	35.5	160	169	75.9	31.7	9.12	45.2	62.0	11.5	326	01/00	0.200	09/05
-	1983	1.91	0.901	0.548	0.739	2.47	15.2	10.6	50.7	164	91.3	24.8	10.2	31.1	41.9	9.5	340	21/09	0.052	31/03
_	1984	2.42	0.901	0.722	2.33	13.8	33.9	44.8	108	86.5	6.69	21.7	9.03	32.8	45.0	8.5	196	23/08	0.052	10/03
1	1985	2.75	0.662	3.83	4.07	7.23	13.7	92.5	189	276	109	35.9	11.6	62.2	86.9	12.7	467	23/09	0.120	25/02
	1986	2.36	1.68	10.0	5.93	13.7	12.5	24.0	42.8	114	63.5	32.9	7.12	27.5	35.8	11.0	173	27/09	0.522	06/02
	1987	2.51	1.22	2.55	1.87	0.691	7.10	13.7	49.7	193	95.1	26.1	9.55	33.6	45.5	8.6	295	13/09	0.294	20/02
T	1988	1.53	0.215	1.03	5.42	6.70	20.2	8.99	207	264	103	37.0	18.0	6.09	84.3	14.2	491	04/06	•	07/03
1	1989	3.73	0.895	6.45	6.24	4.90	9.38	32.9	102	200	96.0	32.3	12.2	42.2	57.2	12.3	372	31/08	0.522	23/02
<del>,1</del>	1990	4.41	0.943	1:31	6.02	11.9	6.40	33.3	65.3	143	73.9	37.2	28.1	34.3	42.6	17.7	267	30/08	0.243	30/03
-	1661	5.98	1.54	2.39	29.9	27.7	37.9	32.1	7.86	138	82.1	35.5	14.7	40.3	53.2	14.4	326	28/08	0.887	06/03
_	1992	3.81	2.61	4.52	8.57	11.4	20.3	80.0	119	156	134	9.64		53.6	2.99	ı	293	03/10	1.15	05/02
H	1993	4.48	0.974	3.79	4.44	5.28	10.8	29.2	84.8	134	115	35.5	15.6	37.0	48.4	14.1	262	13/10	0.403	14/02
П	1994	1	ı	3.32	5.32	8.36	9.85	62.1	69.4	389	329	109	30.2	101.6	109.5	-	635	24/09	0.183	21/02
	1995	7.47	1.13	8.76	11.2	26	42.8	83	227.0	318	262	88	41.1	93.1	122.3	34.5	525	59/06	0.19	02/03
1	1996	16.7	15.3	16.8	20.9	16.6	51.9	150.0	208	363	215	73.0	44.9	99.3	130.3	37.5	,	•	1	,
විසි	m3/s	4.6	2.2	4.5	6.3	11.4	20.7	53.2	129.2	202.1	123.9	44.6	18.6	51.8	6.89	17.5	635	24/9/94	0	03/02
Vera	MCM	12.3	5.3	12.1	16.3	30.5	53.7	142.5	346.0	523.8	331.9	115.6	49.8	1,639.8	1,456.8	183.0				
¥	mm	2.9	1.2	2.8	3.8	7.1	12.5	33.1	80.3	121.5	77.0	26.8	11.6	380.5	338.0	42.5				
m <sup>3</sup> /s/	$\mathrm{m}^3/\mathrm{s}/100\mathrm{km}^2$	0.11	0.05	0.10	0.15	0.26	0.48	1.23	3.00	4.69	2.87	1.03	0.43	1.20	1.60	0.41				
Note: '	Note: "-" means data not a Source: Director of Water	Note: "-" means data not available Source: Director of Water	lable																	
1																				

Property   Property	RIVER			: TIEMBA	3.4							CATCH	CATCHMENT AREA	<b>EA</b>				2,790 Km <sup>2</sup>	Km <sup>2</sup>	
Name	STATION			: DIOU	LATTED	oncon					•	ALTITU.	DE				••		Ħ	
Again Discharge (m³/s)         Again Discharge (m³/s)         Again Season         Apy         Amuna Discharge (m³/s)         Apy         Apy         Amuna Season         Apy         Amuna Season         Apy         Apy <th>BASIN</th> <th></th> <th></th> <th>: SASS</th> <th>ANDRA</th> <th></th>	BASIN			: SASS	ANDRA															
bh         Mar         Apr         Mar         Jul         Aug         Sep         Oct         Nov         Dec         Avg.         Rain           47         0.071         0.040         0.593         1.22         8.03         24.1         92.1         -         4.97         -         4.97         -         -         4.97         -         -         4.97         -         -         4.97         -         -         4.97         -         -         -         4.97         -         -         -         4.97         -         -         -         4.97         -         -         -         4.97         -         -         -         4.97         -         -         -         -         4.97         -         -         -         -         4.97         -         -         -         -         4.97         -								Mean I	<b>Discharge</b>	(m <sup>3</sup> /s)							Maximum	mnm	Min	Minimu
90         Mar         Apr         Jun         Jul         Aug         Sep         Oct         Nov         Dec         Avg.           47         0.071         0.040         0.533         1.22         8.03         24.1         92.1         -         4.97         -           69         0.099         0.072         0.729         4.75         43.5         1.07         93.5         40.6         14.5         6.29         26.1           99         1.53         0.683         0.434         0.782         11.1         51.5         85.3         36.5         21.2         6.29         26.1           51         0.153         0.048         0.062         1.049         0.78         81.5         21.7         6.28         18.1           50         0.070         0.048         0.062         1.040         3.24         81.5         27.7         6.28         18.1           50         0.070         0.048         0.062         1.029         1.22         88.2         22.4         47.8         27.5         1.49         13.3           60         0.070         0.021         0.049         3.97         75.4         48.2         22.8         1.42<	A.D.		Dry 5	Season				Rainy	Season			Dry S	еаѕоп	Annual	Season	on	Discharge	ıarge	Discharge	ıarge
47         6.071         6.040         0.593         1.22         8.03         24.1         92.1         -         -         4.97         -           69         0.099         0.072         0.729         4.75         43.5         107         93.5         40.6         14.5         6.29         25.1           91         1.53         0.683         0.434         0.782         11.1         51.5         85.3         36.5         21.2         6.28         18.1           51         0.154         0.025         0.038         1.41         1.27         12.6         31.5         7.41         2.75         6.28         18.1           56         0.070         0.048         0.062         2.90         7.24         48.2         2.28         7.59         14.2         13.3           56         0.070         0.049         0.022         1.08         7.54         48.2         2.28         1.64         13.3         20.9           56         0.057         0.050         0.022         1.38         2.24         47.8         2.05         1.42         13.3           50         0.052         0.051         0.072         0.022         1.02 <td< th=""><th></th><th>Jan</th><th>Feb</th><th>Mar</th><th>Apr</th><th>May</th><th>Jun</th><th>Jul</th><th>Aug</th><th>Sep</th><th>Oct</th><th>Nov</th><th>Dec</th><th>Avg.</th><th>Rainy</th><th>Dry</th><th>m³/s</th><th>Date</th><th>m³/s</th><th>Date</th></td<>		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.	Rainy	Dry	m³/s	Date	m³/s	Date
69         0.099         0.072         0.729         4.75         43.5         107         93.5         40.6         14.5         6.29         26.1           91         1.53         0.683         0.434         0.782         11.1         51.5         85.3         36.5         21.2         6.28         18.1           51         0.154         0.025         0.038         1.41         1.27         12.6         31.5         741         2.75         6.99         51.3           56         0.070         0.048         0.062         2.90         7.28         32.4         81.5         27.7         6.28         1.64         13.3           56         0.070         0.048         0.062         1.20         7.28         32.4         48.2         2.28         1.64         13.3           69         0.050         0.051         0.062         1.85         2.24         47.8         20.5         1.42         13.3           86         0.055         0.021         0.020         0.028         0.043         15.3         58.6         24.4         5.07         1.89         8.9           86         0.065         0.071         0.070         0.182	1980	1.73	0.547	0.071	0.040	0.593	1.22	8.03	24.1	92.1	-	1	4.97		•	ı	214	02/00	•	03/04
09         1.53         0.683         0.434         0.782         11.1         51.5         85.3         36.5         21.2         6.28         18.1           51         0.154         0.025         0.038         1.41         1.27         12.6         31.5         7.41         2.75         6.992         5.1           56         0.070         0.048         0.062         2.90         7.28         32.4         81.5         7.71         6.28         1.64         13.3           69         0.058         0.052         0.051         0.049         3.97         75.4         48.2         22.8         7.59         1.42         13.3           69         0.058         0.051         0.040         1.85         22.4         48.2         22.8         1.49         1.42         13.3           69         0.058         0.051         0.042         1.85         22.4         47.8         20.5         1.42         13.3           86         0.065         0.071         0.070         0.182         1.75         62.2         119         38.6         9.92         3.03         20.9           49         0.071         0.070         0.072         0.072	1981	1.54	0.569	0.099	0.072	0.729	4.75	43.5	107	93.5	40.6	14.5	6.29	26.1	48.3	3.8	163	80/80	0.034	04/04
51         0.154         0.025         0.038         1.41         1.27         12.6         31.5         7.41         2.75         0.902         5.1           56         0.070         0.048         0.062         2.90         7.28         32.4         81.5         27.7         6.28         1.64         13.3           95         0.058         0.052         0.051         0.049         3.97         75.4         48.2         22.8         7.59         1.42         13.3           99         0.058         0.051         0.024         0.052         1.85         22.4         47.8         20.5         1.98         9.0           99         0.057         0.050         0.024         0.052         1.85         22.4         47.8         20.5         1.98         9.0           99         0.057         0.020         0.024         1.55         62.2         119         38.6         24.4         5.07         1.58         8.9           40         0.067         0.071         0.070         0.793         6.07         89.7         32.6         9.79         2.04         17.7           40         0.067         0.072         0.032         0.132	1982	1.43	0.70	1.53	0.683	0.434	0.782	11.1	51.5	85.3	36.5	21.2	6.28	18.1	30.9	5.3	155	29/08	•	25/05
56         0.076         0.048         0.062         2.90         7.28         324         81.5         27.7         6.28         1.64         13.3           95         0.058         0.058         0.051         0.049         3.97         75.4         48.2         22.8         7.59         1.42         13.3           99         0.057         0.050         0.0224         0.062         1.85         22.4         47.8         20.5         1.98         9.0           99         0.055         0.031         0.029         0.028         0.643         15.3         58.6         24.4         5.07         1.58         8.9           86         0.065         0.071         0.070         0.182         17.5         62.2         119         38.6         9.9         3.0         2.9         3.0           43         0.117         0.071         0.070         1.93         41.5         41.9         24.1         11.2         2.9         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0 <td>1983</td> <td>1.91</td> <td>0.951</td> <td>0.154</td> <td>0.025</td> <td>0.038</td> <td>1.41</td> <td>1.27</td> <td>12.6</td> <td>31.5</td> <td>7.41</td> <td>2.75</td> <td>0.902</td> <td>5.1</td> <td>9.0</td> <td>1:1</td> <td>57.1</td> <td>04/00</td> <td>0.018</td> <td>11/04</td>	1983	1.91	0.951	0.154	0.025	0.038	1.41	1.27	12.6	31.5	7.41	2.75	0.902	5.1	9.0	1:1	57.1	04/00	0.018	11/04
95         0.058         0.052         0.051         0.049         3.97         75.4         48.2         22.8         7.59         1.42         13.3           69         0.057         0.057         0.057         0.057         0.057         0.052         0.052         1.85         22.4         47.8         20.5         13.2         1.98         9.0           86         0.055         0.051         0.029         0.028         0.643         15.3         58.6         24.4         5.07         1.98         8.0           86         0.062         0.071         0.070         0.182         17.5         62.2         119         38.6         9.92         3.03         20.9           43         0.117         0.070         0.071         0.070         1.93         41.5         41.9         24.1         11.2         2.94         17.7           49         0.071         0.070         0.072         0.047         0.047         0.049         0.153         41.5         41.9         24.1         11.7         2.94         12.0           50         0.044         0.047         0.163         10.6         50.4         3.9         1.95         1.1         12	1984	0.142	0.056	0.070	0.048	0.062	2.90	7.28	32.4	81.5	27.7	6.28	1.64	13.3	25.3	1.4	135	16/02	0.041	04/03
69         0.057         0.056         0.224         0.062         1.85         224         47.8         20.5         13.2         1.98         9.0           99         0.055         0.031         0.029         0.028         0.643         15.3         58.6         24.4         5.07         1.58         8.9           86         0.062         0.071         0.070         0.182         17.5         62.2         119         38.6         9.92         3.03         20.9           43         0.117         0.070         0.071         0.070         19.3         41.5         41.9         24.1         11.2         2.94         17.7           45         0.055         0.065         0.060         0.112         0.123         41.5         41.9         24.1         11.2         2.94         17.7           40         0.071         0.072         0.202         0.132         64.6         60.0         58.4         38.3         14.9         42.1         17.3         41.5         17.2         11.2         11.2         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0	1985	0.366	0.095	0.058	0.052	0.051	0.049	3.97	75.4	48.2	22.8	7.59	1.42	13.3	25.1	1.6	159	15/08	0.041	10/05
99         0.055         0.031         0.029         0.048         1.5.3         58.6         24.4         5.07         1.58         8.9           86         0.062         0.071         0.070         0.182         17.5         62.2         119         38.6         9.92         3.03         20.9           43         0.017         0.070         0.071         0.070         7.93         69.0         89.7         32.6         9.79         3.03         20.9           45         0.017         0.070         0.071         0.070         19.3         41.5         41.9         24.1         11.2         2.94         17.7           49         0.071         0.072         0.270         19.3         41.5         41.9         24.1         11.2         2.94         17.7           50         0.056         0.060         0.112         0.713         9.11         19.8         21.7         21.5         10.9         1.96         17.7           80         0.066         0.060         0.112         0.123         1.49         38.5         12.0         12.9         11.7         2.9         12.9         12.9         12.9         12.9         12.9         12.9 </td <td>1986</td> <td>0.220</td> <td>0.069</td> <td>0.057</td> <td>0.050</td> <td>0.224</td> <td>0.062</td> <td>1.85</td> <td>22.4</td> <td>47.8</td> <td>20.5</td> <td>13.2</td> <td>1.98</td> <td>9.0</td> <td>15.5</td> <td>2.6</td> <td>77.4</td> <td>03/00</td> <td>0.044</td> <td>18/04</td>	1986	0.220	0.069	0.057	0.050	0.224	0.062	1.85	22.4	47.8	20.5	13.2	1.98	9.0	15.5	2.6	77.4	03/00	0.044	18/04
86         0.062         0.071         0.070         0.182         175         62.2         119         38.6         9.92         3.03         20.9           43         0.117         0.070         0.071         0.070         7.93         69.0         89.7         32.6         9.79         2.64         17.7           45         0.095         0.065         0.322         0.132         6.64         60.0         58.4         38.3         14.9         4.21         17.2           49         0.071         0.072         0.132         6.64         60.0         58.4         38.3         14.9         4.21         17.0           86         0.066         0.060         0.112         0.713         9.11         19.8         21.7         21.5         10.9         1.53         7.2           80         0.066         0.060         0.112         0.713         9.11         19.8         21.7         21.5         10.9         1.53         7.2           80         0.057         0.047         0.063         1.23         9.2         1.25         1.29         1.17         7.9           80         0.057         0.078         0.078         0.129	1987	0.368	0.099	0.055	0.031	0.029	0.028	0.643	15.3	58.6	24.4	5.07	1.58	8.9	16.5	1.2	135	04/00	0.014	01/05
43         0.117         0.070         0.071         0.93         69.0         89.7         32.6         9.79         2.64         17.7           65         0.095         0.005         0.302         0.270         19.3         41.5         41.9         24.1         11.2         2.94         12.0           49         0.071         0.032         0.132         6.64         60.0         58.4         38.3         14.9         4.21         15.3           86         0.066         0.060         0.112         0.713         9.11         19.8         21.7         21.5         10.9         4.21         15.3           80         0.066         0.060         0.112         0.713         9.11         19.8         21.7         21.5         10.9         1.96         7.2           80         0.057         0.047         0.047         0.163         1.49         38.5         12.9         1.17         7.9           80         0.057         0.078         0.157         7.23         94.5         47.7         13.7         6.56         16.5           4         0.159         0.072         0.068         1.13         3.1         13.4         13.7	1988	0.306	0.086	0.062	0.071	0.070	0.182	17.5	62.2	119	38.6	9.92	3.03	20.9	39.6	2.2	168	60/90	0.041	22/04
65         0.095         0.065         0.322         0.132         41.5         41.5         41.9         24.1         11.2         2.94         12.0           49         0.071         0.072         0.322         0.132         6.64         60.0         58.4         38.3         14.9         4.21         15.3           86         0.066         0.060         0.112         0.713         9.11         19.8         21.7         21.5         10.9         4.21         15.3           80         0.066         0.012         0.047         0.063         10.63         10.63         10.6         1.49         38.5         120         153         70.3         12.9         7.2           80         0.057         0.078         0.157         7.23         99.3         94.8         53         17.3         5.89         23.7           4         0.159         0.072         0.068         1.13         3.19         28         94.5         47.7         13.7         6.56         16.5           9         0.2         0.1         0.2         0.8         8.8         45.2         72.3         38.4         14.6         3.9         15.5           4 </td <td>1989</td> <td>0.547</td> <td>0.243</td> <td>0.117</td> <td>0.070</td> <td>0.071</td> <td>0.070</td> <td>7.93</td> <td>0.69</td> <td>7.68</td> <td>32.6</td> <td>9.79</td> <td>2.64</td> <td>17.7</td> <td>33.2</td> <td>2.2</td> <td>158</td> <td>12/09</td> <td>0.057</td> <td>14/04</td>	1989	0.547	0.243	0.117	0.070	0.071	0.070	7.93	0.69	7.68	32.6	9.79	2.64	17.7	33.2	2.2	158	12/09	0.057	14/04
49         0.071         0.072         0.132         6.64         60.0         58.4         38.3         14.9         4.21         15.3           86         0.066         0.060         0.112         0.713         9.11         19.8         21.7         21.5         10.9         1.96         7.2           52         0.047         0.047         0.163         10.2         50.6         26.3         5.79         1.17         7.9           80         0.057         0.032         0.203         1.49         38.5         120         153         70.3         12.9         7.9           80         0.322         0.178         0.0129         0.157         7.23         99.3         94.8         53         17.3         5.89         23.7           80         0.322         0.178         0.157         7.23         99.3         94.5         47.7         13.7         6.56         16.5           4         0.159         0.072         0.068         8.8         45.2         72.3         38.4         14.6         3.9         15.5           9         0.5         0.1         0.5         0.8         8.5         43.4         67.2         36.9 </td <td>1990</td> <td>1.87</td> <td>0.465</td> <td>0.095</td> <td>0.065</td> <td>0.302</td> <td>0.270</td> <td>19.3</td> <td>41.5</td> <td>41.9</td> <td>24.1</td> <td>11.2</td> <td>2.94</td> <td>12.0</td> <td>21.2</td> <td>2.8</td> <td>8.99</td> <td>25/07</td> <td>0.052</td> <td>15/05</td>	1990	1.87	0.465	0.095	0.065	0.302	0.270	19.3	41.5	41.9	24.1	11.2	2.94	12.0	21.2	2.8	8.99	25/07	0.052	15/05
86         0.066         0.060         0.112         0.713         9.11         19.8         21.7         21.5         10.9         1.96         7.2           52         0.047         0.047         0.043         0.163         10.2         50.6         26.3         5.79         1.17         7.9           80         0.057         0.032         0.0203         1.49         38.5         120         153         70.3         12.9         33.1           80         0.057         0.078         0.159         0.157         7.23         94.8         53         17.3         5.89         23.7           4         0.159         0.072         0.068         1.13         3.19         28         94.5         47.7         13.7         6.56         16.5           4         0.2         0.1         0.2         0.8         8.8         45.2         72.3         38.4         10.4         490.5           4         0.2         0.3         0.5         2.1         23.6         12.1         187.4         102.9         37.8         10.4         490.5           4         0.2         0.1         0.0         0.8         8.5         43.4	1991	0.641	0.149	0.071	0.072	0.322	0.132	6.64	0.09	58.4	38.3	14.9	4.21	15.3	27.3	3.3	134	22/08	0.055	09/04
52         0.047         0.042         0.043         0.043         10.2         50.6         26.3         5.79         1.17         7.9           80         0.057         0.039         0.032         0.203         1.49         38.5         120         153         70.3         12.9         33.1           80         0.322         0.178         0.157         7.23         99.3         94.8         53         17.3         5.89         23.7           94         0.159         0.072         0.068         1.13         3.19         28         94.5         47.7         13.7         6.56         16.5           4         0.2         0.1         0.2         0.8         8.8         45.2         72.3         38.4         14.6         3.9         15.5           9         0.5         0.1         23.6         121.1         187.4         102.9         37.8         10.4         490.5           4         0.2         0.1         0.2         0.8         8.5         43.4         67.2         36.9         13.5         3.7         175.8           11         0.01         0.03         0.03         0.32         1.62         2.59         <	1992	999.0	0.186	0.066	090'0	0.112	0.713	9.11	19.8	21.7	21.5	10.9	1.96	7.2	12.2	2.3	39.6	02/10	0.057	27/03
80         0.057         0.039         0.0203         1.49         38.5         120         153         70.3         12.9         33.1           80         0.322         0.178         0.129         0.157         7.23         99.3         94.8         53         17.3         5.89         23.7           94         0.159         0.072         0.068         1.13         3.19         28         94.5         47.7         13.7         6.56         16.5           4         0.2         0.1         0.2         0.8         8.8         45.2         72.3         38.4         14.6         3.9         15.5           9         0.5         0.3         0.5         2.1         23.6         121.1         187.4         102.9         37.8         10.4         490.5           4         0.2         0.1         0.2         0.8         8.5         43.4         67.2         36.9         13.5         3.7         175.8           11         0.01         0.05         0.03         0.32         1.62         2.59         1.38         0.52         0.14         0.56	1993	0.188	0.052	0.047	0.042	0.047	0.047	0.163	10.2	50.6	26.3	5.79	1.17	7.9	14.6	1.2	79.8	16/09	0.036	21/04
80         0.322         0.178         0.129         0.157         7.23         99.3         94.8         53         17.3         5.89         23.7           94         0.159         0.072         0.068         1.13         3.19         28         94.5         47.7         13.7         6.56         16.5           4         0.2         0.1         0.2         0.8         8.8         45.2         72.3         38.4         14.6         3.9         15.5           0         0.5         0.3         0.5         2.1         23.6         121.1         187.4         102.9         37.8         10.4         490.5           4         0.2         0.1         0.2         0.8         8.5         43.4         67.2         36.9         13.5         3.7         175.8           11         0.01         0.004         0.01         0.03         0.32         1.62         2.59         1.38         0.52         0.14         0.56	1994	0.210	0.080	0.057	0.039	0.032	0.203	1.49	38.5	120	153	70.3	12.9	33.1	52.2	13.9	214	10/10	0.014	18/05
4         0.159         0.072         0.068         1.13         3.19         28         94.5         47.7         13.7         6.56         16.5           4         0.2         0.1         0.2         0.8         8.8         45.2         72.3         38.4         14.6         3.9         15.5           0         0.5         0.3         0.5         2.1         23.6         121.1         187.4         102.9         37.8         10.4         490.5           4         0.2         0.1         0.2         0.8         8.5         43.4         67.2         36.9         13.5         3.7         175.8           11         0.01         0.004         0.01         0.03         0.32         1.62         2.59         1.38         0.52         0.14         0.56	1995	4.940	1.480	0.322	0.178	0.129	0.157	7.23	99.3	8.46	53	17.3	5.89	23.7	42.4	5.0	160	31/08	0.074	19/05
4         0.2         0.1         0.2         0.8         8.8         45.2         72.3         38.4         14.6         3.9         15.5           0         0.5         0.3         0.5         2.1         23.6         121.1         187.4         102.9         37.8         10.4         490.5           4         0.2         0.1         0.2         0.8         8.5         43.4         67.2         36.9         13.5         3.7         175.8           11         0.01         0.03         0.32         1.62         2.59         1.38         0.52         0.14         0.56	1996	2.19	1.04	0.159	0.072	0.068	1.13	3.19	28	94.5	47.7	13.7	6.56	16.5	29.1	4.0	ı	-	-	_
0         0.5         0.3         0.5         2.1         23.6         121.1         187.4         102.9         37.8         10.4         490.5           4         0.2         0.1         0.2         0.8         8.5         43.4         67.2         36.9         13.5         3.7         175.8           11         0.01         0.004         0.01         0.03         0.32         1.62         2.59         1.38         0.52         0.14         0.56		1.1	0.4	0.2	0.1	0.2	8.0	8.8	45.2	72.3	38.4	14.6	3.9	15.5	27.6	3.4	214	2/9/80	0	
4         0.2         0.1         0.2         0.8         8.5         43.4         67.2         36.9         13.5         3.7         175.8           11         0.01         0.004         0.01         0.03         0.32         1.62         2.59         1.38         0.52         0.14         0.56		2.9	1.0	0.5	0.3	0.5	2.1	23.6	121.1	187.4	102.9	37.8	10.4	490.5	437.6	52.9				
0.01         0.004         0.01         0.03         0.32         1.62         2.59         1.38         0.52         0.14         0.56		1.0	0.4	0.2	0.1	0.2	9.0	8.5	43.4	67.2	36.9	13.5	3.7	175.8	156.8	19.0				
Note: "-" means data not available	$m^3/s/100 km^2$		0.01	0.01	0.004	0.01	0.03	0.32	1.62	2.59	1.38	0.52	0.14	0.56	0.99	0.12				
Source: Director of Water	Note: "-" means Source: Director	data not ave of Water	ailable																	

RIV	RIVER			: SASS	: SASSANDRA							CATCH	CATCHMENT AREA	REA			••	: 42,250 Km <sup>2</sup>	$\mathrm{Km}^2$	
ST,	STATION			BUYC:	: BUYO DAM							ALTITUDE	DE				••		Ħ	
BA	BASIN			: SASS	: SASSANDRA											1				
								Me	Mean Discha	Discharge (m <sup>3</sup> /s)							Maximum	mnm	Min	Minimu
	A.D.	I	Dry Season	ux				Rain	Rainy Season				Dry	Annual	Season	son	Discharge	arge	Discl	Discharge
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.	Rainy	Dry	m <sup>3</sup> /s	Date	m <sup>3</sup> /s	Date
	1980	t	B				1	ı	١	,	•	ı	,	-	t	1	•	-	1	F
	1981	-	ı	•	•		1	1	1	t	•			1	I	ı	,		•	ı
	1982	56.2	65.0	0	66.2	126.3	309.9	366.3	922.2	1,086.7	603.2	298.8	139.4	336.7	472.5	65.2	ı			
	1983	74.1	51.6	0	0	88.2	176.7	110.0	302.2	716.5	279.7	253.8	94.9	179.0	240.9	55.2	ı			,
	1984	0	36.9	6.6	2.5	12.2	215.7	395.1	263.7	731.9	391.1	142.4	2.96	191.5	269.3	35.9			1	,
	1985	108.0	74.4	34.8	16.9	33.0	53.3	386.6	1,310.1	1,479.2	672.5	220.8	128.8	376.5	521.6	86.5		1		
	1986	83.4	81.7	11.7	0	0	6.9	122.9	432.0	770.7	410.0	246.2	87.0	187.7	248.6	0.99		ı		1
	1987	81.0	42.0	6.2	7.7	17.2	42.7	85.0	471.0	1,082.0	714.3	131.2	81.7	230.2	318.9	52.7	t		•	
	1988	37.6	•	0	0	19.3	125.8	342.6	964.9	1,480.8	506.1	175.1	38.4	307.6	451.8	19.0			1	
	1989	3.3	19.7	0	0	0	54.3	313.0	913.8	1,268.4	702.3	163.1	35.6	289.5	426.9	14.7	1	ı	ı	r
	1990	24.5	0	0	0	16.2	0	146.4	441.2	728.1	460.7	176.0	105.7	174.9	246.1	32.6	ı		1	,
	1991	0	0	0.0	8.8	199.1	241.9	342.2	581.2	532.4	522.9	224.2	170.2	235.3	331.6	42.8	ı	,		1
	1992	50.7	61.3	21.7	45.4	44.1	144.3	291.7	620.4	748.6	620.3	280.7	111.8	253.4	349.4	61.4	1		,	
	1993	44.5	35.8	62.6	34.2	84.0	150.4	247.3	494.3	954.9	745.2	266.6	102.8	268.6	372.1	61.4	•	-		
	1994	42.5	16.6	27.7	18.6	14.3	9.9/	228.9	341.5	1,772.3	1,875.9	805.1	204.9	452.1	641.7	72.9	1	ı	-	,
	1995	118.3	58.8	76.7	112.3	137.9	131.5	294.2	1,077.0	1,461.6	1,216.8	388.3	227.9	441.8	602.5	120.4	-	-		ι
	1996	114.2	128.0	115.7	180.4	132.9	319.0	585.8	823.1	1,350.1	1,075.8	317.9	238.4	448.4	598.1	149.1	1	'	•	1
əa	m3/s	55.9	44.8	24.5	32.9	61.6	136.6	283.9	6.63.9	1,077.6	719.8	272.7	124.3	291.5	406.1	62.4				
vera	MCM	149.7	108.4	65.6	85.3	165.0	354.1	760.4	1,778.2	2,793.1	1,927.9	706.8	332.9	9,227.4	8,570.8	656.6				
¥	mm	3.5	2.6	1.6	2.0	3.9	8.4	18.0	42.1	66.1	45.6	16.7	7.9	218.4	202.9	15.5				
m³/ƙ	$m^3/s/100 km^2$	0.13	0.11	0.06	0.08	0.15	0.32	0.67	1.57	2.55	1.70	0.65	0.29	69.0	96'0	0.15				
Note: Sourc	Note: "-" means data not available Source: Ministry of Energy	lata not ava of Energy	ulable																	

RIVER				: сомое	田田							САТСН	CATCHMENT AREA	REA.				74,350 Km <sup>2</sup>	Km <sup>2</sup>	
STATION	NO			: ABRADINOU	DINOU							ALTITUDE	DE						ш	
BASIN				: COMOE	到															
								Меап	n Dischar	Discharge (m <sup>3</sup> /s)							Maximum	mnm	Minima	ima
A.D.	<u>ا</u> ن	Q	Dry Season	u				Rainy	Season				Dry	Annual	Season	tot	Discharge	large	Discharge	arge
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.	Rainy	Dry	m³/s	Date	m <sup>3</sup> /s	Date
1980	30	1		ı	,		1	·			•	1	1	ı	ŀ	,		ı	1	-
1981	81	,	ı	•	1			ı	1		1	ı	ı	•	1	•	1	1	,	1
1982	82	•	•	•	•	1	1	6.7.9	43.5	137	73.5	35.6	8.64	•		'	181	70/80	ı	
1983	83	1.54	0.138	0	1.16	7.27	53.8	31.8	42.3	58.3	50.3	7.05	3.10	21.4	31.5	1.2	157	21/06	•	26/03
1984	84	0.689	0.013	2.76	16.8	15.5	38.0	112	202	199	353	81	16.3	86.4	127.2	4.9	497	17/10	0	09/03
1985	35	4.29	0.840	0.733	3.08	6.74	25.0	210	518	648	458	89.7	21.5	165.5	244.8	8.9	851	27/08	0.183	18/03
1986	36	5.41	2.17	0.878	1.22	1.32	38.0	34.1	145	430	377	98.6	22.7	96.4	140.7	7.8	299	02/10	0.458	11/03
1987	87	6.61	2.02	1.31	7.51	2.11	14.4	9.03	263	850	267	93.4	20.3	156.5	231.0	7.6	1,060	01/10	0.367	15/03
1988	88	6.20	2.01	1.94	4.19	9.22	34.5	123	167	635	929	84.6	22.0	147.1	216.7	8.0	296	10/10	0.752	01/03
1989	39	7.52	2.04	2.29	6.85	31.3	63.5	214	433	-	-	163	37.6	t	1	12.4		1	0.550	07/03
1990	06	12.9	9.01	4.75	11.2	23.0	50.0	41.9	219	290	181	48.7	30.2	76.8	108.1	14.2	328	50/02	0.954	03/04
1991	9.1	12.9	4.30	2.96	12.2	39.1	86.4	1	241	506	ı	l .	19.9	-	-	10.0	-	ī	1.16	15/03
1992	35	7.78	7.92	3.25	14.2	32.1	30.7	41.4	64.3	137	137	57.0	13.6	45.5	64.2	8.1	322	21/09	1.56	21/03
1993	33	4.38	1.47	1.14	5.09	19.2	57.5	44.3	73.7	415	283	75.3	24.0	83.7	121.6	7.7	495	10/09	0.550	26/03
1994	74	5.18	1.40	2.57	1.63	17.4	27.5	9.68	182	465	855	381	40.7	165.8	242.4	12.5	925	13/10	0.458	03/04
1995	95	10	3.13	1.78	17.5	103	77.1	97.2	173	474	599	169	34.7	146.6	213.7	12.4	729	01/10	1.160	27/03
1996	96	12.0	8.28	19.4	19.3	27.1	114	216	206	394	490	113	24.8	137.0	197.4	16.1	1		ı	•
	m3/s	7.0	3.2	3.3	8.7	23.9	50.7	92.4	198.2	402.7	392.3	106.9	22.7	109.3	159.5	9.1	1,060	1/10/87	0	
ACIS	MCM	18.7	7.7	8.8	22.6	64.0	131.4	247.5	530.9	1,043.8	1,050.7	277.1	8.09	3,464.0	3,368.0	0.96				
¥	mm	0.3	0.1	0.1	0.3	0.9	1.8	3.3	7.1	14.0	14.1	3.7	0.8	46.6	45.3	1.3				
$m^3/s/100 km^2$	)0km <sup>2</sup>	0.01	0.004	0.004	0.01	0.03	0.07	0.12	0.27	0.54	0.53	0.14	0.03	0.15	0.21	0.01				

Note: "." means data not available Source: Director of Water

Maximum   Main   Main   Maximum   Maximum	I	: COMOE	OE COMOE							CATCH	CATCHMENT AREA	REA		:		: 57,000 Km <sup>2</sup>	Km²	
Main Jichi Season	: AKAKOMOEKRO : COMOE	KOMOER OE	<u>*</u>	SKO KO						ALITIUDE	DE.				••		E	
Jun         Jul         Ammulan         Season         Discrianguran         Ammulan         Season         Discrianguran						Mean	Discharg	;e (m <sup>3</sup> /s)							Maxi	mnm	Mini	nun
Jun         Jul         Aug         Sep         Oct         Nov         Dec         Avg.         Rainy         Dry         m³/s         Date         m³/s           42.5         45.2         26.6         80.1         43.2         206         36.0         155.0         13.9         13.0	Dry Season					Rainy	Season				Dry	Annual	Seas	on	Disc	large	Disch	arge
42.5         45.2         42.6         48.0         150.0         153.0         1370         11/0         10.80           27.3         73.5         42.6         42.1         24.6         38.8         6.32         105.1         155.9         3.5         557         12/08         0.452           8.13         13.6         42.1         24.6         38.8         6.32         105.1         155.9         3.5         150.0         0.452           9.74         29.5         45.1         62.9         44.5         25.7         37.4         0.6         11.5         25/09         0           16.2         79.9         131         172         295         45.5         8.62         64.7         95.1         4.1         485         0.6         0         1.2         24.4         0.6         11.5         25/09         0         0         1.2         1.2         485         48.5         1.80         1.6         48.7	Feb Mar Apr	Apr		May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.	Rainy	Dry	m <sup>3</sup> /s	Date	m³/s	Date
27.3         73.5         42.6         42.1         24.6         38.8         6.32         105.1         155.9         3.5         55.7         120.09         0.45           8.13         13.0         53.4         13.0         57.         24.9         4.45         25.7         37.6         1.7         15.2         20.09         0           9.74         29.5         45.1         62.         33         3.95         1.80         16.5         24.4         0.6         11.5         20.09         0           16.2         79.9         13.1         17.2         29.5         45.5         86.2         64.7         95.1         4.8         0.6         1.8         0         1.8         1.8         1.8         1.8         1.8         1.8         6.6         1.8         6.6         1.8         9.7         4.4         6.7         9.7         4.4         6.7         9.7         4.8         9.8         9.2         1.8         9.2         9.2         9.2         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0	3.94 2.66 0.543	0.543		16.6	42.5	45.3	226	891	432	206	36.0	159.0	232.5	11.9	1,370	21/09	0.381	15/04
8.13         130         534         130         57         24,9         445         25.7         37.6         115         57.9         9.4         9.4         5.5         445         62.7         34.7         180         16.5         244         0.6         115         25.09         0           16.2         79.5         45.1         62         3.5         1.80         16.5         244         0.6         115         25.09         0           18.1         18.2         45.2         8.62         64.7         95.1         4.1         485         0 <td< td=""><td>1.54 0.716 2.47</td><td></td><td></td><td>12.3</td><td>27.3</td><td>73.5</td><td>426</td><td>421</td><td>246</td><td>38.8</td><td>6.32</td><td>105.1</td><td>155.9</td><td>3.5</td><td>557</td><td>12/08</td><td>0.452</td><td>07/03</td></td<>	1.54 0.716 2.47			12.3	27.3	73.5	426	421	246	38.8	6.32	105.1	155.9	3.5	557	12/08	0.452	07/03
16.2         7.5         45.1         6.2         3.3         3.95         1.80         16.5         244         0.6         115         25/09         90           16.2         79.9         13.1         17.2         295         45.5         86.2         64.7         95.1         4.1         485         06/10         0.0           18.1         18.3          342         41.7         9.31          2.9         92.0         19/09         0.0           23.6         21.6         486         314         81.5         14.7         92.8         137.0         4.8         69.0         19/09         0.102           23.6         21.6         486         314         81.5         14.5         92.8         137.0         4.8         69.0         19.0         0.102           23.6         21.6         486         60.5         14.8         6.2         1.2         -         -         1.1         0.0         1.2         -         -         1.1         0.0         1.2         1.2         1.2         1.2         1.2         1.2         1.2         1.2         1.2         1.2         1.2         1.2         1.2 <t< td=""><td>0.339 1.28 3.07</td><td>3.07</td><td></td><td>11.7</td><td>8.13</td><td>13.0</td><td>53.4</td><td>130</td><td>57</td><td>24.9</td><td>4.45</td><td>25.7</td><td>37.6</td><td>1.7</td><td>155</td><td>20/09</td><td>0</td><td>06/03</td></t<>	0.339 1.28 3.07	3.07		11.7	8.13	13.0	53.4	130	57	24.9	4.45	25.7	37.6	1.7	155	20/09	0	06/03
18.1         18.2         4.5         8.62         64.7         95.1         4.1         485         06.10         95.1         4.1         485         06.1         486         131         17.2         342         4.1.7         9.31          2.9         920         19.09         19.09           23.6         21.6         486         314         81.5         14.5         92.8         137.0         4.4         692         29/09         0.102           23.6         21.6         486         314         81.5         14.5         92.8         137.0         4.4         692         29/09         0.102           23.2         21.6         486         314         81.5         14.5         92.8         137.0         4.4         692         29/09         0.102           12.3         26.2         324         91.4         81.5         14.8         92.9         13.7         4.8         92.9         13.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93	0.007 0 2.73	2.73		8.92	9.74	29.5	45.1	62	33	3.95	1.80	16.5	24.4	9.0	115	25/09	•	24/03
18.1         18.2         -         342         41.7         9.31         -         2.9         9.20         9.20         9.00         9.00           23.6         21.6         166         486         314         81.5         14.5         92.8         137.0         4.4         692         29/09         0.102           23.3         26.2         324         914         368         60.5         14.8         -         1,170         08/09	0.005 7.20 6.72	6.72		14.3	16.2	6.67	131	172	295	45.5	8.62	64.7	95.1	4.1	485	06/10	•	15/03
23.6         21.6         146         486         314         81.5         145         92.8         137.0         444         692         29/09         0.102           23.3         26.2         324         914         368         58.2         11.5          -         1,170         08/09            12.4         103         169         791         686         60.5         14.8          1,170         08/09             129         548         1,730         851         104         20.9          1.10         0.09          1.10         0.09          1.10         0.09           1.10         0.09           1.10         0.09           1.10         0.09         0.33         0.09         0.33         0.33         0.09         0.33         0.09         0.03         0.03         0.03         0.03         0.03         0.03         0.00         0.03         0.04         0.00         0.03         0.00         0.00         0.03         0.04         0.00         0.03         0.04         0.03         0.04         0.03	0.431 0.029 0.103			5.58	18.1	183	•		342	41.7	9.31	1	1	2.9	920	19/09	0	04/03
23.3         26.2         324         914         368         58.2         11.5          -1,170         08/09            12.4         103         169         791         686         60.5         14.8          -         1,170         08/10             12.9         548         1,730         851         104         20.9          1.9         21/0         20/0              12.9         548         1,730         851         104         20.9           1.9         60/10           14.7         26.6           1.1         20.9           1.0         1.0         1.0           1.0         1.0           1.0         1.0         1.0           1.0 <td>0.787 0.497 0.215</td> <td></td> <td>-</td> <td>2.73</td> <td>23.6</td> <td>21.6</td> <td>166</td> <td>486</td> <td>314</td> <td>81.5</td> <td>14.5</td> <td>92.8</td> <td>137.0</td> <td>4.4</td> <td>692</td> <td>59/06</td> <td>0.102</td> <td>11/04</td>	0.787 0.497 0.215		-	2.73	23.6	21.6	166	486	314	81.5	14.5	92.8	137.0	4.4	692	59/06	0.102	11/04
12.4         103         169         791         686         60.5         14.8         -         -         1,210         06/10         -           -         129         548         1,730         851         104         20.9         -         -         1,210         22/09         0.333           -         129         548         1,730         851         104         20.9         -         -         1.9         210         22/09         0.333           42.7         1.6         -         4.7         26.6         -	1.11	•		•	23.3	26.2	324	914	368	58.2	11.5	1	1	İ	1,170	60/80	ı	ı
-         129         548         1,730         851         104         20.9         -         -         21.9         2110         2210         2110         2210         2110         2210         2110         2210         - <td>-</td> <td>•</td> <td></td> <td>•</td> <td>12.4</td> <td>103</td> <td>169</td> <td>791</td> <td>989</td> <td>60.5</td> <td>14.8</td> <td>1</td> <td>1</td> <td>=</td> <td>1,210</td> <td>06/10</td> <td>1</td> <td>ι</td>	-	•		•	12.4	103	169	791	989	60.5	14.8	1	1	=	1,210	06/10	1	ι
42.7         167         26.6         -	1.04 0.453 1.21			10.6	-	129	548	1,730	851	104	20.9	-	-	21.9	2,110	52/09	0.333	12/03
42.7         167         -         516         216         52.8         11.6         -         44.8         -         11.4         676         12/09         0           13.9         44.8         52.2         143         83         20.4         5.95         -         44.8         -         563         18/09         -           11.0         22.8         101         467         217         48.0         10.7         74.3         110.0         3.0         565         06/09         0           7.48         8.49         251         575         -         312         28.7         -         -         7.9         14.10         0.11         0.10         0.11         0.11         0.11         0.11	1	•		•	ı	,	•	•	147	26.6		-	-		•		•	1
13.9         44.8         52.2         143         83         20.4         5.95         -         44.8         -         263         18/09         -           11.0         22.8         101         467         217         48.0         10.7         74.3         110.0         3.0         565         06/09         0           7.48         8.49         251         575         -         312         28.7         -         -         7.9         1,130         13/10         0.00           21.6         60.8         186         481         562         112         21.6         123.3         221.8         24.8         836         05/10         0.834           22.1         60.8         434         485         81         16.9         -<	0.400 0.427 0.530			18.5	42.7	167	r	516	216	52.8	11.6	•	-	11.4	9/9	12/09	0	23/02
11.0         22.8         101         467         217         48.0         10.7         74.3         110.0         3.0         565         06/09         0           7.48         8.49         251         575         -         312         28.7         -         -         7.9         1,130         13/10         0.102           21.6         60.8         186         481         562         112         21.6         123.3         221.8         24.8         836         05/10         0.834           22.1         66.6         209         434         485         81         16.9         -	0 -	0		0.739	13.9	44.8	52.2	143	83	20.4	5.95	•	44.8	-	263	18/09	1	,
7.48         8.49         251         575         -         312         28.7         -         7.9         1,130         13/10         0.102           21.6         60.8         186         481         562         112         21.6         123.3         221.8         24.8         836         05/10         0.834           22.1         66.6         209         434         485         81         16.9         -<	0.003 0.074 0.282			13.0	11.0	22.8	101	467	217	48.0	10.7	74.3	110.0	3.0	595	60/90	0	02/02
21.6         60.8         186         481         562         112         21.6         123.3         221.8         24.8         836         05/10         0.834           54         66.6         209         434         485         81         16.9         -	0.487 0.342 2.13			6.58	7.48	8.49	251	575	1	312	28.7	ı	-	7.9	1,130	13/10	0.102	26/02
54         66.6         209         434         485         81         16.9         -	2.260 1.470 3.66			19.6	21.6	8.09	186	481	562	112	21.6	123.3	221.8	24.8	836	05/10	0.834	16/03
22.1         67.2         206.3         547.6         333.4         77.5         14.0         107.2         158.4         4.9         2,110         22/9/89           57.3         180.0         552.6         1,419.4         893.0         200.9         37.5         3,389.3         3,337.0         52.3         9           1.0         3.2         9.7         24.9         15.7         3.5         0.7         59.5         58.5         0.9         9           0.04         0.12         0.36         0.58         0.14         0.02         0.19         0.28         0.01         9	- 3.01	3.01		10.6	54	9.99	209	434	485	81	16.9	-	_	_	-	٠	-	•
57.3         180.0         552.6         1,419.4         893.0         200.9         37.5         3,389.3         3,337.0         5           1.0         3.2         9.7         24.9         15.7         3.5         0.7         59.5         58.5           0.04         0.12         0.36         0.96         0.58         0.14         0.02         0.19         0.28         0	0.9 1.3 1.9	1.9		10.8	22.1	67.2	206.3	547.6	333.4	77.5	14.0	107.2	158.4	4.9	2,110	22/9/89	0	
1.0         3.2         9.7         24.9         15.7         3.5         0.7         59.5         58.5           0.04         0.12         0.36         0.96         0.58         0.14         0.02         0.19         0.28         0	2.2 3.5 4.9	4.9		28.9	57.3	180.0	552.6	1,419.4	893.0	200.9	37.5	3,389.3	3,337.0	52.3				
0.04         0.12         0.36         0.96         0.58         0.14         0.02         0.19         0.28	0.04 0.1 0.1	0.1		0.5	1.0	3.2	6.7	24.9	15.7	3.5	0.7	59.5	58.5	0.0				
	0.002 0.003 0.003			0.02	0.04	0.12	0.36	96.0	0.58	0.14	0.02	0.19	0.28	0.01				

			mm	arge	Date	25/04	26/03	10/03	01/04	09/03	05/04	08/04	05/03	15/04		ı	t	17/04	27/02	04/03	02/04						
Km <sup>2</sup>	E		Minimu	Discharge	m <sup>3</sup> /s	0.180	0.280	0.120	0	0	0	•	0.220	0.120	•	1	0	0	0.306	0	0		0				
: 43,700 Km <sup>2</sup>			Maximum	Discharge	Date	16/09	11/08	18/09	22/09	02/10	19/08	27/09	04/06	03/10	60/60	1	-	16/09	03/06	11/10	04/10		3/9/89				
••	••		Maxi	Disch	s/¿m	1,310	292	177	128	301	958	638	1,030	999	2,030	1	-	283	614	924	647		2,030				
				nos	Dry	30.3	7.7	-	1.3	7.6	8.9	19.7	11.9	-	-	-	-	1.2	11.3	48.3	16.0	15.6	13.9	181.2	4.1	0.03	
				Season	Rainy	224.6	165.5	45.1	29.3	81.2	223.8	151.0	208.4	219.7	•	-	-	,	ī	237.7	162.9	•	168.0	3,103.0	71.0	0.38	
ŒA				Annual	Avg.	143.6	8.66	1	17.6	50.5	134.3	6.96	126.5	-		-	-	ı	ı	158.8	101.7	ı	103.8	3,284.2	75.2	0.24	
CATCHMENT AREA	DE			eason	Dec	21.0	5.18	4.15	1.05	3.62	6.13	11.0	7.91	•	•	1	0.800	0	8.57	11.4	4.03	14.8	7.1	19.0	0.4	0.05	
CATCHI	ALTITUDE			Dry Season	Nov	122	27.2	25.8	3.61	26.7	38.0	86.2	46.9	49.8	74.8	-	32.1	6.15	45.2	230	75.9	59.3	59.4	154.0	3.5	0.14	
					Oct	365	181	57.0	25.0	190	253	290	299	541	490	ı	ì	60.1	220	908	412	409	306.5	820.9	18.8	0.70	
			Discharge (m <sup>3</sup> /s)		Sep	878	428	139	74.2	156	549	507	726	969	1,560	1	<b>B</b> .	130	500	287	469	434	522.2	1,353.5	31.0	1.19	
			Discharg	Rainy Season	Aug	215	419	71.7	49.9	110	543	198	379	192	610	t	•		158	263	187	203	257.0	688.3	15.8	0.59	
			Mean I	Rainy	Jul	62.5	101	22.3	34.7	82.0	182	31.1	25.3	89.2	93.1	40.4	•	40.4	•	6.80	53.70	64.4	61.9	165.8	3.8	0.14	
					Jun	37.0	18.1	6.93	6.13	17.7	29.3	23.4	28.5	14.6	15.6	-	16.4	6.50	9.88	0.346	8.580	52.3	18.2	47.2	1.1	0.04	
					May	13.9	9.28	10.8	8.37	10.2	10.3	5.76	0.345	4.24	7.27	•	•	0.144	15.0	0.016	8.520	ı	7.4	19.8	0.5	0.02	
<u> </u>	另	Œ			Apr	0.655	2.17	7.90	6.71	2.44	0.128	1.70	0.925	0.672	-	-	•	0.073	4.65	0.868	1.220	10.8	2.9	7.5	0.2	0.01	
: COMOE	: GANSE	: COMOE		uc	Mar	0.711	0.595		0.054	7.50	0.004	0.046	0.886	0.290	ı	•	•	•	0.613	0	0	0.979	0.9	2.4	0.1	0.002	
:				Dry Season	Feb	2.29	1.09	,	0.393	0.013	0.109	0.259	0.894	1.42	1.54	•	•	•	0.474	•	•	0.031	9.0	1.5	0.0	0.001	tilable
					Jan	5.37	4.49	1.47	1.26	0.193	0.498	1.08	2.66	1.94		•	•	•	1.69	0	•	2.840	1.6	4.3	0.1	0.004	Note: "-" means data not available Source: Director of Water
RIVER	STATION	BASIN		A.D.		1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	m3/s	MCM	mm	$m^3/s/100 km^2$	Note: "-" means data not a Source: Director of Water
RE	ST	BA		-																			95	vera	A	m <sup>3</sup> /§	Note: Sourc

STATION	NO																			
				: KAFOLO	0.						·	ALTITUDE	DE				••		ш	
BASIN				: COMOE	E															
								Mean	Discharge (m <sup>3</sup> /s)	e (m <sup>3</sup> /s)					:		Maxi	Maximum	Minimu	nun
A.D.	<u>.</u>		Dry Season	eason				Rainy S	Season			Dry Season	eason	Annual	Season	юп	Discl	Discharge	Discharge	large
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.	Rainy	Dry	m <sup>3</sup> /s	Date	m <sup>3</sup> /s	Date
1980		4.02	1.24	0.247	0.003	4.10	19.5	40.1	156	452	0.76	24.4	68.9	67.1	128.1	6.1	626	16/09	0	05/04
1981		2.05	0.589	0.257	0.491	3.24	10.9	2.99	318	350	84.6	11.0	2.95	70.9	138.9	2.9	459	80/80	0.143	20/03
1982		0.893	0.207	0.306	1.98	4.01	5.88	17.7	67.3	7.86	37.6	15.7	2.13	21.0	38.5	3.5	135	16/09	0	08/03
1983		0.772	0.135	0.002	0	1.54	2.11	11.4	36.2	50.4	13.0	2.55	1.75	10.0	19.1	6.0	78	21/09	•	17/03
1984		0.192	•	•	•	5.84	6.95	21.5	30.9	59.6	65.1	4.71	1.01	16.3	31.6	1.0	123	04/10	0	27/01
1985		0.089	•	0.435	1.40	4.93	36.1	111	296	270	100	12.1	2.19	69.5	136.3	2.7	484	20/08	0	18/01
1986		0.614	0.024	•	•	4.88	16.0	11.1	168	462	163	30.0	5.02	71.7	137.5	5.9	268	22/09	0	12/02
1987		1.74	0.606	0.076	0.064	2.46	15.0	18.4	216	353	93.9	11.5	2.01	59.6	116.5	2.7	505	03/06	0	03/05
1988	,	2.02	0.368	0	0.018	2.36	98'6	57.6	121	•	•	28.2	6.35	-	1			1	0	01/03
1989		2.04	1.27	1.55	2.45	2.09	2.12	35.8	338	446	128	12.4	2.05	81.1	158.7	3.6	594	25/08	0.219	15/03
1990		0.571	0.067	0	0	2.68	7.88	36.6	249	237	78.2	10.7	2.57	52.1	101.9	2.3	311	21/08	0	18/02
1991		9.678	0.038	0	0	1.91	9:39	46.8	213	427	131	•	1	-	-	-	559	60/90	0	13/02
1992	12	•	-	0.485	0.508	1.86	9.40	30.7	37.1	94.7	30.9	7.98	1.82	-		1	198	14/09	0	01/05
1993		0.921		0.257	0.086	7.11	5.67	17.8	140	333	77.4	14.0	2.37	-			493	28/08	1	1
1994		0.740	0.271	0.004	0	2.25	2.14	18.9	314	501	609	94.8	9.44	129.4	241.2	17.5	818	02/10	0	05/03
1995	5.		-	-	-	-	-	27.8	142	286	239	34.4	10.6	-	•	•	439	59/09	-	ı
1996	9,	-	0	0	0	-	-	J	8.06	305	235	-	-	r	ı	ı		ı		•
	m3/s	1.2	0.3	0.2	0.4	3.4	10.6	35.6	172.5	295.3	136.4	21.0	3.9	56.7	109.0	4.5	818	5/10/94	0	
Veta	MCM	3.2	0.7	0.5	1.0	9.1	27.5	95.4	462.0	765.4	365.3	54.4	10.4	1,794.9	1,724.7	70.2				
	mm	0.2	0.033	0.0236	0.0472	0.4	1.3	4.5	21.8	36.1	17.2	2.6	0.5	84.7	81.4	3.3				
$m^3/s/100 km^2$		0.01	0.0014	0.001	0.0019	0.02	0.05	0.17	0.81	1.39	0.64	0.10	0.02	0.27	0.51	0.02				
Note: "-" I Source: D	Note: "-" means data not a Source: Director of Water	Note: "-" means data not available Source: Director of Water	able																	

RIVER	~			: BA								CATCHI	CATCHMENT AREA	<b>JEA</b>				$6,222 \text{ Km}^2$	Km²	
STATION	NOI			: N'DAKRO	KRO						-	ALTITUDE	DE				••		E	
BASIN	7			: COMOE	E															
								Mean ]	Discharge (m <sup>3</sup> /s)	(m <sup>3</sup> /s)							Maxi	Maximum	Minimu	imu
A.D.	 		Dry S	Dry Season				Rainy	Season			Dry S	Dry Season	Annual	Season	no	Discl	Discharge	Discharge	large
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.	Rainy	Dry	m³/s	Date	m³/s	Date
1980	80	ı	ı	1	<u>'</u>	1	,	1	ı	ı	ı	ı	ı		1		,	1		1
1981	81		-					•		•	1	1	'	ı	t		,	ı		
1982	82	ı	1	1	1	1	1	1	J	1	ı	ı	ı	,	,	,	,	ı		1
1983	83	1	•	1		0.451	4.3	2.50	0.076	0.000	0.041	0.001	0.028	,	1.23	,	6	25/06		1
1984	84	0	0	•	0.148	0.455	1.11	7.99	25.7	13.1	39.6	6.91	1.21	8.02	14.66	1.38	57	21/10	•	15/02
1985	85	0.205	0.011	090'0	0.454	0.658	5.05	12.9	9.17	23.2	55.3	60'6	1.69	9.82	17.71	1.92	70	01/90	•	13/03
1986	98	0.499	0.12	0.783	0.639	1.34	4.61	2.20	5.9	2.91	10	6.74	0.808	3.05	4.49	1.60	18	15/10	0:030	09/03
1987	87	0.137	0.007	0.018	0.874	0.047	3.33	2.81	1.29	19.2	48.1	7.70	1.32	7.07	12.46	1.68	54	19/10	0	10/03
1988	88	0.390	0.075	0.385	1.01	092.0	1.23	19.2	5.83	13.4	10	1.58	0.684	4.55	8.40	69.0	39	26/07	0	27/01
1989	68	690.0	0.044	0.212	•	,	11.6	39.7	12.2	41.7	49.9	18.4	3.2	•	•	ı	65	60/97	0	08/02
1990	06	1.46	0.646	0.455	0.485	2.38	2.25	4.70	0.981	3.04	5.79	1.60	2.94	2.23	3.19	1.26	10	20/60	0.105	22/04
1991	91	2.43	0.173	0.137	0.885	12.0	19.8	23.6	69.6	5.59	5.75	2.38	1.02	6.95	12.74	1.17	53	27/05	0	13/03
1992	92	0.260	0.311	0.021	2.45	1.39	3.27	3.16	0.603	1.14	5.63	•	0.317	ı	2.53	,	6	23/10	•	26/02
1993	93	0.078	0.023	0.15	0.205	1.06	5.57	4.63	0.333	1.96	15.2	3.40	0.693	2.78	4.79	92.0	19	20/10	0	24/03
1994	94	0.091	0.013	0.013	0.83	1.89	2.25	0.735	0.33	0.496	4.38	3.61	0.207	1.24	1.68	0.79	13	12/10	0	08/02
1995	95	0	0	0.106	7.51	25.4	6.18	5.22	2.27	15.8	40.9	10	1.75	9.59	15.96	3.23	50	30/06	0	21/02
1996	96	-	·	ı	-	•	r	1	ı	ı	ı	,	•		•	,	-	-	t	•
l	m3/s	0.5	0.1	0.2	1.4	4.0	5.4	6.6	5.7	10.9	22.4	0.9	1.2	5.6	7.6	1.6	70	6/10/85	0	
vetaį	MCM	1.3	0.2	0.5	3.6	10.7	14.0	26.5	15.3	28.3	0.09	15.6	3.2	179.2	154.8	24.4				
¥	mm	0.2	0.03	0.1	9.0	1.7	2.3	4.3	2.5	4.5	9.6	2.5	0.5	28.8	24.9	3.9				
$\mathrm{m}^3/\mathrm{s}/100\mathrm{km}^2$	$00 \mathrm{km}^2$	0.01	0.002	0.003	0.02	0.06	0.00	0.16	0.09	0.18	0.36	0.10	0.02	0.09	0.16	0.03				
Note: "-" Source: 1	Note: "-" means data not a Source: Director of Water	Note: "-" means data not available Source: Director of Water	ilable					¢												

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Name	RIVER	ER			: AGNEBY	ВУ							CATCH	CATCHMENT AREA	EA.			••	4,600	Km²	
Minima   M	STA	TION			: AGB0	VILLE						-	ALTITU,	DE				••		E	
Minima   M	BAS	NI:			: AGNE	BY															
Main				:					Mean I	)ischarge	(m <sup>3</sup> /s)							Maxi	mnm	Min	imu
b         Mar         Apr         May         1ul         Aug         Sep         Oct         Nov         Dec         Avg         Rup         Aug         1ul         Aug         Sep         Oct         Nov         Dec         Avg         Rup         Avg         Lug         Avg         1ul         Avg         Lug         Avg         Cug         Avg	1	A.D.	I	Ory Seaso	u.				Rainy	Season				Dry	Annual	Seas	ton	Disch	narge	Disch	arge
67         0.288         0.267         0.965         16.7         2.84         2.06         4.28         8.69         3.34         0.244         3.55         4.89         0.273         4.89         0.273         4.89         0.273         4.89         0.273         4.89         0.273         0.89         0.11         0.11         0.11         0.11         1.11         3.62         0.647         0.264         0.791         0.614         0.005         0.82         1.11         0.004         6.75         0.71         0.614         0.005         0.11         0.004         6.017         0.62         0.11         0.004         6.017         0.62         0.017         0.62         0.11         0.004         6.017         0.004         0.005         0.007 <td></td> <td></td> <td>Jan</td> <td>Feb</td> <td>Mar</td> <td>Apr</td> <td>May</td> <td>Jun</td> <td>Jul</td> <td>Aug</td> <td>Sep</td> <td>Oct</td> <td>Nov</td> <td>Dec</td> <td>Avg.</td> <td>Rainy</td> <td>Dry</td> <td>m³/s</td> <td>Date</td> <td>m<sup>3</sup>/s</td> <td>Date</td>			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.	Rainy	Dry	m³/s	Date	m <sup>3</sup> /s	Date
26         0.112         0.189         0.187         1.61         0.64         0.040         0.061         0.82         1.11         0.04         6.75         0.87         0.04         0.04         0.04         0.046         0.046         0.040		0861	0.067	0.467	0.288	0.267	0.965	16.7	2.84	2.06	4.28	8.69	3.34	0.244	3.35	4.89	0.27	36.0	22/06	0	10/90
34         0.046         0.602         0.813         0.228         0.031         0.238         0.035         4.00         5.99         0.035         4.00         0.034         0.046         6.046         6.02         18.3         2.22         0.589         0.039         0.037         0.028         0.035         1.93         2.09         0.047         0.028         1.13         0.029         0.047         0.028         1.13         2.08         0.041         0.085         7.15         1.34         6.02         0.087         7.60         1.13         2.09         0.077         0.087         1.13         2.08         0.041         0.087         1.13         2.08         0.041         0.083         1.13         0.029         0.077         0.081         7.09         1.13         2.77         1.44         4.55         6.89         1.13         6.87         1.14         4.55         0.09         0.077         0.083         7.00         1.14         4.55         0.09         0.077         0.083         7.00         1.14         4.55         0.09         0.077         0.083         0.081         0.09         0.077         0.083         1.14         4.55         0.09         0.077         0.081         0		1981	0.034	0.026	0.112	0.189	1.97	1.61	3.62	0.647	0.264	0.791	0.614	0.005	0.82	1.21	0.04	6.75	05/07	0	29/01
35         0.026         0.173         0.693         9.48         104         0.018         0.077         0.637         1.53         1.93         2.69         0.41         466         0.036         0.44         1.04         0.014         0.024         0.024         1.02         4.42         15.5         4.54         25.8         3.14         6.82         0.082         7.60         11.23         0.33         5.02         26/10         0.029         0.046         0.965         7.15         13.9         6.82         11.3         6.92         11.2         0.03         7.92         0.041         0.041         0.83         3.22         1.14         4.55         6.62         0.42         1.04         0.041         0.83         3.22         1.14         4.53         6.04         1.14         0.03         9.90         0.061         7.49         1.12         0.04         1.04         0.03         9.00         0.041         0.03         9.00         0.041         0.03         9.04         1.04         0.04         9.04         1.04         0.04         9.04         1.04         0.04         9.04         1.04         0.04         9.04         1.04         0.04         1.04         0.04         9.0	,_,,	1982	0	0.034	0.046	0.460	6.02	18.3	22.2	0.589	0.028	0.031	0.288	0.035	4.00	5.99	0.03	46.6	01/07	•	23/10
02         0.241         0.328         1.05         4.42         1.53         4.44         1.55         4.54         2.88         3.14         6.82         0.082         7.60         11.23         0.33         5.02         56.90         0.048         0.058         0.041         0.884         11.3         5.77         1.47         4.55         6.62         0.42         36.0         17/07         0           5         0.028         0.166         0.202         1.32         2.80         0.411         0.835         3.22         1.14         0         0.84         1.26         0.01         7.13         0.407         0           54         0.082         1.41         0.258         0.43         1.02         0.06         1.18         0.39         0.061         1.46         0.09         0.463         0.06         0.49         1.12         0.40         0.09         0.06         0.09         0.06         0.09         0.09         0.06         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0		£861	0.051	0.035	0.026	0.173	0.693	9.48	10.4	0.018	0.029	0.077	0.637	1.53	1.93	2.69	0.41	46.6	03/07	0.002	01/00
06         0.140         0.046         0.965         7.15         1.39         6.92         6.89         11.3         5.77         1.47         4.55         6.62         0.42         3.99         1.13         3.77         1.47         4.55         6.62         0.42         1.09         1.13         6.02         1.13         2.80         0.411         0.883         3.22         1.14         0         0.84         1.26         0.01         7.13         0.407         0           6.020         1.41         0.258         0.942         3.11         5.30         4.63         7.02         1.18         0.39         0.061         7.49         11.21         0.03         10.407         0           1.0         0.217         0.602         8.75         6.77         1.44         13.5         7.02         1.18         0.39         0.061         7.49         10.10         0	1	1984	0.892	0.102	0.241	0.328	1.05	4.42	15.5	4.54	25.8	31.4	6.82	0.082	7.60	11.23	0.33	50.2	26/10	0.023	12/03
54         0.028         0.166         0.128         0.128         0.114         0.83         3.22         1.14         0         0.84         1.26         0.01         0.407         0.082         0.124         0.128         0.042         3.11         0.83         3.22         1.14         0         0.84         1.121         0.05         1.121         0.05         1.121         0.05         1.121         0.05         1.121         0.05         1.121         0.05         1.121         0.05         1.121         0.05         1.121         0.05         1.121         0.05         1.121         0.05         1.121         0.05         1.121         0.05         1.121         0.05         1.121         0.05         1.121         0.05         1.121         0.05         1.121         0.125         0.05         1.18         0.18         1.121         1.121         0.12         0.12         0.12         1.121         0.124         1.121         0.12         1.121         0.12         1.121         0.12         1.121         0.12         0.12         1.121         0.12         1.121         0.12         0.12         0.12         0.12         0.12         0.12         0.12         0.12         0.12	Ţ	5861	0.059	0.006	0.140	0.046	0.965	7.15	13.9	6.92	68.9	11.3	5.77	1.47	4.55	6.62	0.42	36.0	17/07	0	31/01
54         0.082         1.41         0.258         0.942         3.11         5.30         4.63         0.061         7.99         0.051         1.12         0.052         1.12         0.052         1.14         1.35         7.02         1.18         0.390         3.34         4.93         0.16         4.23         29/09         0.0           19         0.124         1.16         5.53         1.05         2.00         13.9         16.8         50.1         3.34         1.36         1.274         18.92         0.39         239         31/10         0           18         0.124         1.16         5.53         1.05         2.00         1.39         1.68         50.1         3.34         1.36         1.274         18.92         0.39         239         239         0.19         2.99         0	1	9861	0	0	0.028	0.166	0.202	1.32	2.80	0.411	0.835	3.22	1.14	0	0.84	1.26	0.01	7.13	04/02	0	22/01
9         0.301         0.217         0.602         8.75         6.77         1.44         13.5         7.02         1.18         0.334         3.34         4.93         0.15         2.90         90           48         0.124         1.16         5.53         10.5         20.0         13.9         16.8         50.1         13.4         13.6         1.17         3.44         1.36         1.17         48.3         25.0         31.0         0.0         1.12         48.3         25.0         31.1         48.3         25.0         31.1         48.3         25.0         9.0         9.0         9.0         1.66         1.75         3.44         2.50         3.44         4.60         1.12         48.3         25.0         25.4         2.0         3.41         0.25         3.0         3.41         4.31         0.26         3.0         3.44         4.30         3.44         4.60         1.12         48.3         2.0         1.55         0.41         0.13         2.89         4.89         0.41         0.13         2.89         3.74         4.31         0.26         1.57         0.78         3.73         0.20         1.71         0.89         3.73         0.89         0.11	1	2861	0	0.054	0.082	1.41	0.258	0.942	3.11	5.30	4.63	70.0	3.99	0.061	7.49	11.21	0.05	132	10/10	0	08/01
19         0.124         1.16         5.53         10.5         10.9         16.8         50.1         33.4         1.36         1.36         1.37         1.36         1.37         1.36         1.37         1.34         1.36         1.37         1.34         1.36         1.37         1.34         1.37         1.34         1.37         1.34         1.37         1.34         1.35         0.683         0.411         0.137         2.89         4.05         0.15         4.09         1.66         1.75         0.683         0.411         0.137         2.89         4.05         0.15         4.05         0.17         4.05         0.28         4.05         0.28         0.29         4.05         0.29	Ţ	8861	0	0	0.301	0.217	0.602	8.75	6.77	1.44	13.5	7.02	1.18	0.330	3.34	4.93	0.16	42.3	59/09	•	20/02
48         0.767         0.803         4.15         1.34         9.09         1.66         1.75         3.44         2.50         3.01         3.44         4.60         1.12         48.3         22/06         0.020           1.34         3.27         1.35         1.32         1.35         0.683         0.411         0.137         2.89         4.05         0.56         31.5         0.607         0           1.35         0.202         2.76         5.29         0.534         3.41         1.03         2.89         4.05         0.10         0.59         0.411         0.09         0.26         0.15         0.20         0.579         0.78         0.711         0.09         0.29         0.78         0.78         0.711         0.29         0.78         0.78         0.79         0.78         0.79         0.78         0.78         0.79         0.78         0.78         0.78         0.78         0.78         0.78         0.78         0.78         0.78         0.78         0.78         0.78         0.78         0.78         0.78         0.78         0.78         0.78         0.79         0.78         0.78         0.79         0.78         0.79         0.79         0.79	Ţ	6861	0.037	0.019	0.124	1.16	5.53	10.5	20.0	13.9	16.8	50.1	33.4	1.36	12.74	18.92	0.39	239	31/10	0	16/01
1.34         3.27         7.18         4.25         1.32         1.54         0.411         0.137         2.89         4.05         0.56         31.5         0.607         0.6           15         0.102         0.902         2.76         5.29         0.554         0.001         0.843         3.41         4.31         0.269         1.54         2.26         0.10         12.0         1911         0           20         0.123         0.884         1.83         9.24         9.73         0.211         1.09         5.29         1.57         0.781         2.56         3.73         0.25         3.73         0.21         0.969         1.57         0.781         2.56         3.73         0.27         1.71         0.78         0.78         0.78         0.78         0.78         0.79         0.79         0.79         0.78         0.78         0.79         0.79         0.78         0.78         0.79         0.79         0.78         0.78         0.79         0.79         0.79         0.79         0.79         0.79         0.79         0.79         0.79         0.79         0.79         0.79         0.79         0.79         0.79         0.79         0.79         0.79 <t< td=""><td></td><td>0661</td><td>0.447</td><td>0.248</td><td>0.767</td><td>0.803</td><td>4.15</td><td>13.4</td><td>60.6</td><td>1.66</td><td>1.75</td><td>3.44</td><td>2.50</td><td>3.01</td><td>3.44</td><td>4.60</td><td>1.12</td><td>48.3</td><td>22/06</td><td>0.020</td><td>12/02</td></t<>		0661	0.447	0.248	0.767	0.803	4.15	13.4	60.6	1.66	1.75	3.44	2.50	3.01	3.44	4.60	1.12	48.3	22/06	0.020	12/02
15         0.102         0.902         2.76         6.254         0.001         0.843         3.41         4.31         0.269         1.54         2.26         0.10         12.0         19/11         0           22         0.123         0.884         1.83         9.24         9.73         0.211         1.09         5.29         1.57         0.781         2.56         3.73         0.25         3.73         0.25         1.1/07         0           20         0.185         1.49         1.42         15.3         3.29         0.225         0.34         20.4         18.1         0.290         6.16         9.17         0.13         44.5         0.20         11/07         0           0.061         1.48         7.68         28.1         4.37         4.970         14.70         4.41         7.36         0.287         9.40         14.05         0.09         90.9         9	Ţ	1661	092.0	0	1.34	3.27	7.18	4.25	13.2	1.87	1.55	0.683	0.411	0.137	2.89	4.05	0.56	31.5	20/90	•	24/12
22         0.123         0.884         1.83         9.24         9.73         0.211         1.09         5.29         1.57         0.781         2.56         3.73         0.25         1.70         0.781         2.56         3.73         0.781         0.781         0.784         0.781         0.784         0.781         0.781         0.781         0.781         0.781         0.781         0.781         0.782         0.784         0.781         0.784	H	1992	0	0.015	0.102	0.905	2.76	5.29	0.554	0.001	0.843	3.41	4.31	0.269	1.54	2.26	0.10	12.0	19/11	0	03/02
20         0.185         1.49         14.2         15.3         3.29         0.225         0.344         20.4         18.1         0.290         6.16         9.17         0.13         44.5         0.2/11         0           0         0.061         1.48         7.68         28.1         43.7         4.970         14.700         4.41         7.36         0.287         9.40         14.05         0.09         90.9         90.9         05/07         0           1         0.314         0.952         2.91         26.1         62.6         9.53         2.01         2.5         0.725         0.319          13.42          -		1993	0.008	0.022	0.123	0.884	1.83	9.24	9.73	0.211	1.09	5.29	1.57	0.781	2.56	3.73	0.23	32.0	11/07	0	01/02
0.061         1.48         7.68         28.1         43.7         4.970         4.41         7.36         0.287         9.40         14.05         0.09         90.9         90.9         90.9         05/07         0           1         0.314         0.952         2.91         26.1         6.26         9.53         2.01         2.5         0.725         0.319         -         13.42         -	,7	1994	0.018	0.020	0.185	1.49	14.2	15.3	3.29	0.225	0.344	20.4	18.1	0.290	6.16	9.17	0.13	44.5	02/11	0	31/01
1         0.314         0.952         2.91         26.1         62.6         9.53         2.01         2.5         0.725         0.319         -         13.42         -	,a	2661	0.019	•	0.061	1.48	7.68	28.1	43.7	4.970	14.700	4.41	7.36	0.287	9.40	14.05	0.00	90.6	05/07	0	26/02
1         0.3         0.8         3.5         10.6         14.3         3.2         5.6         13.1         5.4         0.6         4.8         7.1         0.3         239         31/10/89           2         0.8         2.1         9.4         27.5         38.3         8.6         14.5         35.1         14.0         1.6         152.4         149.5         2.9         2.9         7.6         7.6         3.0         0.3         33.1         32.5         0.6         8.3         1.9         3.2         7.6         3.0         0.3         33.1         32.5         0.6         0.6         8.3         1.9         3.2         7.6         3.0         0.3         33.1         32.5         0.6         0.0	]	9661	0.13	•	0.314	0.952	2.91	26.1	62.6	9.53	2.01	2.5	0.725	0.319	•	13.42	'	,		1	•
2         0.8         2.1         9.4         27.5         38.3         8.6         14.5         35.1         14.0         1.6         152.4         149.5           14         0.2         0.5         2.0         6.0         8.3         1.9         3.2         7.6         3.0         0.3         33.1         32.5           02         0.01         0.02         0.03         0.31         0.07         0.12         0.28         0.12         0.01         0.01         0.10         0.15         0	92	m3/s	0.1	0.1	0.3	8.0	3.5	10.6	14.3	3.2	5.6	13.1	5.4	9.0	4.8	7.1	0.3		31/10/89	0	
44         0.2         0.5         2.0         6.0         8.3         1.9         3.2         7.6         3.0         0.3         33.1         32.5           0.2         0.01         0.02         0.03         0.31         0.07         0.12         0.28         0.12         0.01         0.10         0.15         0	VEIA	MCM	0.3	0.2	8.0	2.1	9.4	27.5	38.3	9.8	14.5	35.1	14.0	1.6	152.4	149.5	2.9				
02         0.01         0.02         0.08         0.23         0.31         0.07         0.12         0.28         0.12         0.01         0.16         0.15	¥	mm	0.1	0.04	0.2	0.5	2.0	0.9	8.3	1.9	3.2	9.7	3.0	0.3	33.1	32.5	9.0				
Note: "-" means data not available Source: Director of Water	m <sup>3</sup> /s,	$100 \mathrm{km}^2$		0.007	0.01	0.02	0.08	0.23	0.31	0.07	0.12	0.28	0.12	0.01	0.10	0.15	0.01				
	Note: Source	"-" means (	data not ava of Water	ailable																	

RI	RIVER			odod:	_		•					CATCHI	CATCHMENT AREA	REA			••	$640 \text{ Km}^2$	Km²	
ST	STATION			: WEOI	ULO (OI	: WEOULO (OUAOULO)	<u> </u>					ALTITUDE	DE				••		B	
BA	BASIN			: DODO																
								Mean I	Discharge (m <sup>3</sup> /s)	(m <sup>3</sup> /s)							Maximum	mnm	Minimu	nun
	A.D.	I	Dry Season	u.				Rainy S	Season				Dry	Annual	Season	uo;	Discharge	large	Discharge	arge
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	0ct	Nov	Dec	Avg.	Rainy	Dry	m³/s	Date	m³/s	Date
	1980	4.17	3.95	5.68	5.09	18.2	29.6	15.5	17.1	33.8	-		•	,	ı	ι	·	,	-	ı
	1981	•	•	•	•	•	•	1	12.0	8'02	15.2	8.24	6.41		1	•	ı	1	ı	1
	1982	2.73	3.31	1.98	3.37	16.5	37.3	12.7	10.1	5.01	9.78	11.0	3.37	9.76	13.22	2.85	101	90/60	0.788	03/04
	1983	1.31	0.589	2.01	1.42	17.2	19.6	6.44	7.29	6.43	5.55	2.66	8.17	6.56	8.32	3.02	74.2	22/05	0.297	21/02
	1984	3:35	2.93	4.05	4.79	12.0	13.6	35.6	25.3	17.4	22.0	7.95	4.42	12.78	17.33	3.69	72.5	13/07	0.835	19/03
	1985	2.67	2.94	3.78	2.69	3.38	31.7	7.16	16.4	18.0	10.8	11.2	4.42	09.6	12.67	3.45	75.6	90//0	1.01	25/04
	1986	2.38	2.01	1.70	2.46	7.95	20.4	3.67	2.54	7.87	11.6	5.53	3.02	5.93	7.75	2.28	72.5	20/06	0.879	02/05
	1987	1.53	1.91	5.24	2.18	ı	,	5.34	11.0	16.4	13.6	9.88	6.28	1	ı	3.74	63.2	18/09	0.041	27/02
	1988	2.01	1.95	2.49	2.87	3.37	26.1	6.33	4.12	26.4	27.1	15.4	6.32	10.37	13.96	3.19	70.3	18/06	0.476	19/12
	1989	3.82	2.42	5.05	2.15	-	ı	20.4	16.8	13.3	17.1	9.26	8.07	1	1	5.13	68.9	20//00	0.129	20/04
	1990	4.05	1.90	0.694	2.43	5.45	24.5	3.07	2.37	-	08'6	ı	1	1	1		60.4	20/06	0.002	14/03
	1991	-	-	5.38	7.20	08'6	8.63	24.3	6.11	5.06	5.10	5.39	4.35	,	8.95	t	9.77	20//0	1	ı
	1992	•		•	1	-	7.95	t	,	•	11.7	14.0	5.09		ı	ı	ı	,	•	
	1993	3.54	7.50	10.5	2.17	9.72	22.5	9.84	5.23	18.7	9.37	69.6	6.49	9.60	10.90	7.01	70.7	16/06	0.664	27/04
	1994	3.99	4.92	4.74	4.32	9.26	19.9	6.91	7.75	10.0	35.7	17.1	6:36	10.92	13.87	5.01	72.0	12/10	0	10/02
	1995	4.51	3.4	6.45	6.35	5.81	16.9	5.53	14.9	23.5	21.4	14.9	9.28	11.08	13.66	5.91	73.0	02/10	0.410	03/04
	1996	4.89	3.72	6.17	6.57	9.94	25.7	15.2	7.86	16.1	6.32	8.64	5.19	69.6	12.04	4.99	1	ı	,	
98	m3/s	3.2	3.1	4.4	3.7	6.6	21.7	11.9	10.4	15.9	14.5	10.1	5.8	9.6	12.3	4.1	101	6/6/82	0	10/2/94
Veta	MCM	8.6	7.5	11.8	9.6	26.5	56.2	31.9	27.9	41.2	38.8	26.2	15.5	301.7	258.3	43.4				
Y	mm	13.4	11.7	18.4	15.0	41.4	87.8	49.8	43.6	64.4	9.09	40.9	24.2	471.4	403.6	67.8	-			
m <sub>3</sub> /	$m^3/s/100 km^2$	0.50	0.48	0.69	0.58	1.55	3,39	1.86	1.63	2.48	2.27	1.58	0.91	1.49	1.92	0.64				
Note	Note: "-" means data not available Source: Director of Water	lata not ava of Water	ulable																	

RIVER			: ME								CATCHI	CATCHMENT AREA	<b>JEA</b>			••	$1,274 \text{ Km}^2$	Km <sup>2</sup>	
STATION	<b>.</b>		: LOBC	: LOBO AKOUDZIN	DZIN						ALTITUDE	DE				••		띰	
BASIN			: ME																
							Mean ]	Discharge (m <sup>3</sup> /s)	(m <sup>3</sup> /s)							Maxi	Maximum	Minimu	imi
A.D.		Dry Season	on				Rainy	y Season				Dry	Annual	Season	ion	Discl	Discharge	Discharge	ıarge
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.	Rainy	Dry	m³/s	Date	m³/s	Date
1980	1	,	-1				•	1	1	1	1	,			-	1	-	,	-
1981	ı	, ,	ı	,		ı		ı	ı	t	ı	ı	,	1	,	,	,		
1982	ı	1		ı	1	J		ı	ı	ı	,	,	r	,	,	r	ı		
1983	ı	1	1	1	2.77	17.9	2.86	0.436	0.785	0.897	0.128	0.094		1	1	169	21/06	,	
1984	0.021	•	•	•	0.367	12.1	6.45	2.47	6.74	8.46		,		1	1	62.1	11/07	•	90/90
1985	ı	0.111	0.519	0.134	2.89	30.8	22.1	9.58	3.07	ı	,	'		•		149	17/06	0.016	14/03
1986	1			,	0.322			0.889	0.750	5.33	1.08	0.161	•				1	,	-
1987	0.020	•	0.011	0.160	0.233	2.72	2.97	10.2	29.3	61.1	4.10	0.482	9.27	13.85	0.13	195	02/10	•	01/03
1988	0.110	0.026	0.141	0.190	0.451	17.6	30.7	1.58	13.2	23.5	2.80	1.27	7.63	11.25	0.39	186	13/07	0	03/03
1989	0.174	0.056	1.070	0.883	10.2	23.0	27.5	12.6	16.8	46.3	7.71	1.36	12.30	18.12	0.67	170	24/10	0	01/03
1990	0.432	0.271	0.092	1.33	11.9	70.1	9.77	2.80	2.33	9.35	15.6	5.54	10.79	15.40	1.58	302	23/06	0	14/04
1661	0.872	0.680	0.749	3.61	19.8	13.3	29.3	3.53	3.48	4.23	3.29	0.950	6.98	10.07	0.81	196	04/02	0.063	14/04
1992	0.286	0.311	0.048	1.29	7.52	27.7	1.52	0.315	2.41	4.54	14.2	1.05	5.10	7.44	0.42	160	17/06	0	17/03
1993	0.312	0.179	0.117	0.980	1.22	17.6	22.6	0.798	1.72	16.5	2.65	99'9	5.94	8.01	1.82	139	20/80	0.016	06/03
1994	1.24	0.387	0.305	2.71	14.6	51.0	7.31	2.02	1.92	20.4	18.6	1.15	10.14	14.82	0.77	242	10/06	0.032	11/04
1995	0.251	0.014	0.331	2.43	15.2	9.79	23.6	6.04	12.5	7.4	5.78	1.75	11.91	17.57	0.59	204	14/06	0	25/02
1996	0.485	0.171	0.936	2.63	5.25	32.3	86.4	13.1	2.99	4.52	1.02	1.64	12.62	18.53	0.81	'	ı	,	
m3/s	/s 0.4	0.2	0.4	1.4	9.9	29.5	21.0	4.7	7.0	16.3	6.4	1.8	8.0	11.6	0.7	302	23/6/90	0	
MCM	M 1.1	0.5	1.1	3.6	17.7	76.5	56.2	12.6	18.1	43.7	16.6	4.8	252.5	245.0	7.5				
A	n 0.9	0.4	0.9	2.8	13.9	60.0	44.1	6.6	14.2	34.3	13.0	3.8	198.2	192.3	5.9				
$m^3/s/100 km^2$	$m^2 0.03$	0.02	0.03	0.11	0.52	2.32	1.65	0.37	0.55	1.28	0.50	0.14	0.63	0.91	0.05				
Note: "-" mea	Note: "-" means data not available	railable												1					

RI	RIVER			: NIOU	: NIOUNIOUROU	Ω						САТСНІ	CATCHMENT AREA	REA			••	1,791	Km <sup>2</sup>	
ST	STATION			: DAHIRI	R							ALTITUDE	DE				••		Ħ	
BA	BASIN			: NIOUI	: NIOUNIOUROU	n														
								Mean I	Discharge (m <sup>3</sup> /s)	(m <sup>3</sup> /s)							Maxi	Maximum	Minimu	imu
	A.D.	I	Dry Season	ux				Rainy	Rainy Season				Dry	Annual	Season	nos	Discl	Discharge	Discharge	ıarge
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.	Rainy	Dry	m³/s	Date	m <sup>3</sup> /s	Date
	1980	1	ı	,	<u>'</u>	, 	,	ı	ı	ı	ı	1	,	ı	,		,	•		1
	1981	ı				•		•		ı	ı			1	•	1	1	1	,	
	1982	ı	1	ı	1	ı	ı	ı	ı	ı	ı	13.0	3.29	,	,		1			1
	1983	0.435	0.084	0.247	1.49	8.30	45.1	6.55	1.73	1.42	2.20	3.62	9.89	92.9	8.80	2.66	89.3	04/06	0.036	14/02
	1984	2.20	0.259	2.11	4.41	9.20	35.3	45.2	21.3	10.9	38.8	10.1	3.43	15.27	21.90	2.00	172	13/10	0.046	22/02
	1985	3.44	1.21	1.66	2.60	5.25	47.2	23.2	33.9	20.2	15.1	12.2	5.11	14.26	19.96	2.86	148	17/06	0.296	17/02
	1986	0.612	0.377	1.08	4.21	12.2	30.6	4.14	2.37	8.89	22.9	14.0	2.83	89.8	12.41	1.22	86.0	18/06	0.117	04/02
	1987	0.328	0.205	7.76	7.99	6.88	19.1	11.2	15.9	32.5	42.4	14.3	3.95	13.54	18.78	3.06	8.66	30/08	0.086	28/02
	1988	0.645	0.343	2.26	5.89	10.9	40.0	15.4	3.89	22.4	36.1	33.5	16.3	15.64	21.01	4.89	90.4	19/09	0.163	04/02
	1989	2.11	0.605	3.44	3.76	5.06	28.8	41.6	11.9	29.5	53.3	21.3	5.89	17.27	24.40	3.01	94.3	24/10	0.218	11/02
	1990	3.60	1.43	1.21	•	1	1	1	1	ı	ı	ı	ı	1	•		1	1	1	
	1661	•				7.61	5.11	18.0	1.17	0.002	0.842	0.295	0.313	1	,	1	130	03/07		•
	1992	0	•	0	0.006	2.19	5.55	0	0	0	0.014	1.13	0	0.74	1.11	0.00	25.5	10/06	0	01/02
	1993	0	•	•	•	•	15.4	3.62	•	0.131	12.1	1.79	1.48	2.88	4.13	0.37	72.3	10/10	•	01/02
	1994	2.09	1.01	3.31	8.78	16.3	29.4	8.30	5.99	5.63	21.3	38.7	2.51	11.94	16.80	2.23	61.3	10/06	0.189	27/03
	1995	0.703	0.034	1.77	12	22.8	76.5	15.90	10.4	17.1	16.6	1	-	ŧ	,		161	21/06	0	05/03
	1996	1.690	2.040	2.7	5.3	10.7	43.4	91.7	22.8	10.9	6.54	6.4	5.91	17.51	24.72	3.09	-	ı	•	-
95	m3/s	1.4	9.0	2.1	4.7	0.6	32.4	21.9	10.1	12.3	20.6	13.1	4.7	11.1	15.5	2.2	172	13/10/84	0	
vera	MCM	3.7	1.5	5.6	12.2	24.1	84.0	58.7	27.1	31.9	55.2	34.0	12.6	350.6	327.2	23.4				,
¥	mm	2.1	8.0	3.1	8.9	13.5	46.9	32.8	15.1	17.8	30.8	19.0	7.0	195.8	182.7	13.1				
m <sup>3</sup> /	$\mathrm{m}^3/\mathrm{s}/100\mathrm{km}^2$	0.08	0.03	0.12	0.26	0.50	1.81	1.22	0.56	0.69	1.15	0.73	0.26	0.62	0.87	0.12				
Note Sour	Note: "-" means data not available Source: Director of Water	data not ave of Water	ailable																	

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RIVER			: SAN PEDRO	EDRO							CATCHI	CATCHMENT AREA	REA				$3,300~{\rm Km}^2$	Km <sup>2</sup>	
STATION			: STAT	ION PO!	WPAGE	: STATION POMPAGE DE SAN PEDRO	PEDRO				ALTITUDE	DE				••	1	<b>E</b>	
BASIN			: SAN PEDRO	EDRO															
							Mean I	Discharge (m³/s)	(m <sup>3</sup> /s)							Maxi	Maximum	Minimu	imu
A.D.		Dry Season	ű,				Rainy S	Season				Dry	Annual	Season	ion	Disch	Discharge	Discharge	arge
·	Jan	Feb	Мат	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.	Rainy	Dry	m <sup>3</sup> /s	Date	m³/s	Date
1980	12.8	25.3	16.5	12.4	65.3	82.7	26.1	28.6	72.4	75.5	8.79	28.4	42.82	53.85	20.75	195	90/10	1.42	08/03
1981			12.9	19.7	25.7	60.0	48.1	20.0	29.1	45.5	31.6	18.1	,	34.96		131	90/97	1.67	24/02
1982	10.8	31.6	19.3	24.2	42.9	198	1	30.8	12.3	20.6	21.3	11.7			18.35	340	90/81	2.97	15/01
1983	24.6	32.5	6.67	12.5	32.4	70.5	18.0	21.9	26.9	19.7	23.5	20.4	26.05	28.18	21.79	151	90/50	1.06	19/04
1984	-	10.9	32.0	31.7	47.3	114	130	•	•	63.2	36.0	15.7	1	ı	ı	246	25/06	1.29	25/01
1985	11.1	16.0	18.8	19.5	23.8	121	44.7	57.6	48.4	46.1	39.5	14.6	38.43	50.08	15.13	236	90/61	2.17	12/03
1986	9.74	16.5	14.0	25.4	40.5	83.1	18.1	13.1	34.0	35.8	32.9	13.9	28.09	35.36	13.54	188	21/06	0.700	18/01
1987	26.8	4.80	19.8	20.8	28.7	30.3	78.1	44.4	68.9	95.2	56.3	19.5	41.13	52.84	17.73	165	16/10	0	18/02
1988	6.75	16.2	14.0	19.2	23.2	86.8	37.9	12.3	86.9	94.6	74.2	36.7	42.40	54.39	18.41	208	23/06	2.61	24/02
1989	1	1	1	ı	1	80.0	103	40.1	89.2	109	64.1	32.5	1	ı	t	242	29/06		ı
1990	13.0	6.48	6.83	6.64	19.7	71.7	911	37.4	23.6	25.9	21.0	24.9	31.10	40.24	12.80	171	11/07	4.38	28/02
1991	23.6	35.2	-		51.7	40.6	116	60.5	26.2	•	25.1	20.8	ı	ı	,	,	ı	1	ı
1992	7.58	11.1	24.9	15.4	36.6	62.9	10.8	15.9	13.3	22.0	63.3	19.4	25.52	30.40	15.75	134	30/05	2.61	17/09
1993	5.62	21.2	12.0	23.4	12.6	67.4	19.8	24.4	36.4	75.2	43.6	28.1	30.81	37.85	16.73	184	29/10	1.67	03/03
1994	11.5	26.5	20.4	31.6	55.7	129	24.0	15.4	16.5	72.7	6.7.9	7.47	39.89	51.60	16.47	291	15/06	0	21/12
1995	0.165	0.375	16.4	22.3	37.7	81.2	21.4	20	23.3	48.2	49.7	13.6	27.86	37.98	7.64	144	90/20	0	07/07
1996	2.340	7.160	2.38	8.49	10.6	59.1	59.2	12.0	5.84	2.4	8.3	60.6	15.58	20.74	5.24	ı	-	,	ı
e, m3/s	11.9	17.5	16.0	19.5	34.7	84.8	54.5	28.4	38.3	53.2	42.7	19.7	35.1	44.5	16.3	340	18/6/82	0	
Wera;	1 31.9	42.3	42.9	50.5	92.9	219.8	146.0	76.1	99.3	142.5	110.7	52.8	1,107.7	937.8	169.9				
W W	6.7	12.8	13.0	15.3	28.2	66.6	44.2	23.1	30.1	43.2	33.5	16.0	335.7	284.2	51.5				
$m^3/s/100 km^2$	<sup>2</sup> 0.36	0.53	0.48	0.59	1.05	2.57	1.65	0.86	1.16	1.61	1.29	09.0	1.06	1.35	0.49				
Note: "-" means data not available Source: Director of Water	s data not av	ailable																	

RIVER	~			: NERO								CATCH	CATCHMENT AREA	REA				1,210 Km <sup>2</sup>	Km²	
STATION	ION			: RTE C	RAND	: RTE GRAND BEREBY	ب.					ALTITUDE	DE				••		Ħ	
BASIN	<b>5</b> 7			: NERO																
								Mean	Discharge (m <sup>3</sup> /s)	; (m <sup>3</sup> /s)							Maximum	mnm	Minimu	nun
A.D.	٥.	1	Dry Season	щ				Rainy	Season				Dry	Annual	Season	son	Discharge	ıarge	Discharge	arge
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.	Rainy	Dry	m <sup>3</sup> /s	Date	m <sup>3</sup> /s	Date
1980	08	4.43	3.40	4.35	7.50	44.4	33.7	18.4	13.4	42.5	30.9	29.8	11.0	20.32	27.58	5.80	153	20/02	1.43	01/03
1981	81	4.37	6.10	4.07	4.75	28.0	31.8	18.9	14.0	24.8	26.9	13.9	13.5	15.92	20.38	7.01	139	25/06	1.00	18/04
1982	82	2.86	1.73	3.88	6.40	24.1	78.8	16.4	17.2	7.03	11.6	13.9	4.81	15.73	21.93	3.32	205	15/06	0.790	17/02
1983	83	1.08	0.529	3.40	1.78	28.0	31.1	8.17	8.24	5.93	5.54	4.09	13.1	9.25	11.61	4.53	151	21/05	0.452	19/02
1984	84	2.97	2.03	3.09	12.0	17.4	27.6	58.4	47.1	22.2	37.5	15.0	6.61	20.99	29.65	3.68	152	21/08	0.674	14/02
1985	85	4.90	4.82	69'9	5.20	4.12	64.8	12.9	28.8	27.2	20.2	16.2	4.11	16.66	22.43	5.13	176	90/80	0.761	25/04
1986	98	1.80	1.35	1.30	6.27	13.2	41.6	3.93	4.08	18.9	16.6	9.84	4.11	10.25	14.30	2.14	152	20/06	0.703	24/03
1987	87	1.10	1.15	7.76	5.98	4.93	9.92	6.31	25.0	22.3	40.5	17.9	7.63	12.54	16.61	4.41	188	14/08	0.645	16/02
1988	88	1.76	1		10.2	11.7	ı	13.1	6.37	44.9	39.8	1	•	1	l	r	ı	,	•	
1989	68		1		1	•	49.0	49.8	16.7	43.1	36.3	6.72	8.62	1	1	ı	ı	,		1
1990	96		•		ı	•		1	1	ı	15.7	10.3	13.1			,	1	1	,	
1991	91	3.12	8.47	10.8	13.9	23.3	21.3	48.6	16.4	10.4	11.7	12.1	10.2	15.86	19.71	8.15	223	20/90	1.88	26/01
1992	26	2.08	4.07	5.17	4.88	11.7	13.7	3.42	1.32	3.82	18.2	30.9	7.21	8.87	10.99	4.63	101	13/11	0.674	60/50
1993	93	3.25	6.58	5.75	3.42	8.04		,	4.99	26.8	28.5	,	ı	-		,	219	17/06	0.790	28/04
1994	94	•	•	9.47	7.84	16.3	1	-	13.1	16.7	51.4	29.0	8.43	•	1	ı	-		•	1
1995	95	5.78	5.05	5.59	11.6	17.3		•	ı	1	ı	26.3	14.1	-		7.63	1	1	,	1
1996	96	8.73	9.84	17.9	15.6	13.7	43.3	43.3	17.3	17.1	11.8	17.6	14.1	19.19	22.46	12.64	-	1		•
	m3/s	3.4	4.2	6.4	7.8	17.7	37.2	23.2	15.6	22.2	25.2	16.9	9.4	15.8	20.7	5.9	223	6/7/91	0.452	19/2/83
Vela	MCM	9.1	10.2	17.1	20.2	47.4	96.4	62.1	41.8	57.5	67.5	43.8	25.2	498.3	436.7	9.19				
	mm	7.5	8.4	14.1	16.7	39.2	7.6.2	51.3	34.5	47.5	55.8	36.2	20.8	411.8	360.9	50.9				
$m^3/s/100 km^2$	$00 \mathrm{km}^2$	0.28	0.35	0.53	0.64	1.46	3.07	1.92	1.29	1.83	2.08	1.40	0.78	1.30	1.71	0.48				
Note: "-" Source: I	Note: "-" means data not a Source: Director of Water	Note: "-" means data not available Source: Director of Water	ilable																	

RIVER			: TABOU	b							CATCHI	CATCHMENT AREA	REA			••	$810~\mathrm{Km}^2$	Km <sup>2</sup>	
STATION			: YAKA	_							ALTITUDE	DE				••	2	Ħ	•
BASIN			: TABOU	Ω															
							Mean ]	Discharge (m³/s)	(m <sub>3</sub> /s)							Maximum	wnw	Minimu	imu
A.D.	Ī	Dry Season	TL.				Rainy Season	eason				Dry	Annual	Season	on	Discharge	ıarge	Discharge	ıarge
	Jan	Feb	Маг	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.	Rainy	Dry	m³/s	Date	m³/s	Date
1980	15.5	13.5	16.2	16.2	41.5	72.4	31.6	29.7	69.1	60.0	43.4	22.5	35.97	45.49	16.93	247	12/06	6.65	29/03
1981	12.8	14.9	10.3	9.51	50.9	49.4	36.6	28.1	61.3	40.4	25.0	15.4	29.55	37.65	13.35	200	27/05	3.23	17/04
1982	7.43	6.22	6.36	24.9	•		40.3	24.0	13.3	40.9	25.6	11.5		1	7.88	151	28/10	3.38	13/03
1983	4.40	2.13	9.26	7.27	40.6	25.3	12.9	9.84	11.9	12.4	69.8	19.0	13.64	16.11	8.70	132	21/05	1.54	22/02
1984	11.2	10.1	11.3	10.0	18.0	27.2	64.8	53.0	59.1	43.5	21.3	12.2	28.48	37.11	11.20	201	25/07	4.12	19/04
1985	•	ī	•	7.34	9.45	35.5	14.8	39.4	32.5	29.5	25.1	10.3		26.86		114	21/08	4.42	26/04
1986	7.44	4.99	5.29	5.50	9.83	29.0	10.2	8.15	19.8	36.1	17.0	12.2	13.79	16.95	7.48	156	19/06	2.82	03/02
1987	86.9		17.6	8.57	13.0	32.3	32.8	44.1	60.5	63.2	,				1	193	13/10	3.60	18/05
1988	1	ı		,	•	53,3	28.3	14.6	37.3	8.65	39.8	25.9	ı	-	-	165	07/10	5.91	23/05
1989	14.9	13.3	•	•	-	63.0	•	•	•	•	•	•	•	1	ı	1	ı	t	
1990	-	•	ŧ	t	•		•	•	•	31.8	17.9			•	1	ı	•	ı	ı
1991	,	ı	ı	15.7	17.6	42.4	48.0	22.8	23.9	31.9	20.4	19.4		27.84	,	1		1	,
1992	9.77	-	-		40.8	32.6	12.6	69.9	15.6	38.9	37.2	17.0		•	-	259	31/05	3.73	60/90
1993	9.95	11.6	11.4	6.26	12.1	32.9	24.3	13.7	26.2	39.5	26.9	18.1	19.41	22.73	12.76	196	21/07	3.54	20/04
1994	9.21	9.37	10.8	89.6	17.1	26.7	14.8	18.7	21.1	60.7	42.7	17.6	21.54	26.44	11.75	146	06/10	3.38	21/11
1995	11.3	6.43	5.54	8.33	12.9	39.6	15.2	25.9	36.2	47.9	35.2	21.4	22.16	27.65	11.17	179	15/06	1.96	27/03
1996	12.3	6.26	7.78	10.5	12.7	57.6	33.6	21.7	19.2	18.1	20.3	19.7	19.98	24.21	11.51	-	-	-	1
.c. m3/s	10.2	0.6	10.2	10.8	22.8	41.3	28.1	24.0	33.8	40.9	27.1	17.3	23.0	28.6	11.7	259	31/5/92	1.54	22/2/83
MCM	27.3	21.8	27.3	28.0	61.1	107.0	75.3	64.3	87.6	109.5	70.2	46.3	725.7	603.0	122.7				
W W	33.7	26.9	33.7	34.6	75.4	132.1	93.0	79.4	108.1	135.2	86.7	57.2	895.9	744.4	151.5				
$m^3/s/100 km^2$	1.26	1.11	1.26	1.33	2.81	5.10	3.47	2.96	4.17	5.05	3.35	2.14	2.83	3.53	1.44				
Note: "-" means data not available Source: Director of Water	data not ava	ilable					:												

RIVER			: BIA								CATCHI	CATCHMENT AREA	REA				6,800	$\mathrm{Km}^2$	
STATION			: BIAN	: BIANOUAN AVAL	VAL						ALTITUDE	DE				••	94	ш	·
BASIN	:		: BIA															:	
							Mean I	Discharge (m <sup>3</sup> /s)	(m <sup>3</sup> /s)							Maximum	mnm	Minimu	mu
A.D.	_	Dry Season	ığ.				Rainy 5	Season				Dry	Annual	Season	On	Discharge	large	Discharge	arge
	Jan	Feb	Маг	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.	Rainy	Dry	m³/s	Date	m³/s	Date
1980	3.45	3.5	12.7	4.36	18.6	139	30.2	25.8	64.3	83.3	37.5	8.62	35.94	50.38	7.07		1	1	ı
1981	1.50	0.842	4.21	7.24	34.8	25.1	33.3	14.3	14.0	22.0	9.54	1.36	14.02	20.04	1.98	66.5	13/05	1	ı
1982	1	•	1	6.31	24.5	50.4	7.97	7.58	3.46	14.4	18.4	1.27	1	25.22	ı	142	20/80	0.229	14/03
1983	0.368	0.192	•	1.82	12.4	74.9	32.3	1.35	5.75	8.19	0.73	0.38		17.18	1	168	29/06	0.116	28/01
1984	0.163	0.091	2.32	2.24	7.91	32.8	72.5	62.4	42.3	83.5	12.8	2.51	26.79	39.56	1.27	108	27/07	0.076	11/02
1985	1	0.249	0.473	1.21	2.83	17.4	76.6	52.9	38.8	44.6	25.5	4.28	,	32.48		108	12/07	0.164	19/02
1986	0.670	0.336	1.29	2.23	1.88	22.1	19.5	3.07	11.0	28.6	13.5	0.942	8.76	12.74	0.81	76.9	05/10	0.228	07/02
1987	0.244	0.173	0.161	2.89	0.662	11.0	12.9	19.7	ı	ı	20.9	2.31	1	,	0.72	114	22/09	0.132	27/03
1988	0.293	0.018	•	•	5.21	41.3	53.0	7.52	24.8	54.9	7.52	4.98		1	ı	114	12/07	0.017	23/02
1989	0.752	0.351	0.989	3.14	1	ı	73.4	47.0	74.4	•	•	5.13	-	r	1.81	114	22/10	0.228	06/03
1990	2.34	1.57	1.17	5.14	20.7	•	42.1	5.98	7.65	19.6	10.7	9.72		1	3.70	114	26/06	0.476	18/02
1991	1	1	2.18	3.48	0.008	0.008	0.010	0.006	0.630	2.77	2.50	ı		1.18	1	1	ı		1
1992		٠		5.37	16.7	26.3	5.77	1.65	17.4	32.1	36.6	3.30	•	17.74	t	87.7	24/09	0.260	06/03
1993	0.646	0.229	3.18	7.34	8.63	42.8	43.7	5.31	18.8	50.6	13.4	4.98	16.63	23.82	2.26	109	20/90	0.180	15/02
1994	1.11	0.267	0.764	9.92	35.5	54.4	10.1	2.56	6.73	54.3	45.9	1.68	18.60	27.43	96.0	107	13/10	0.148	27/02
1995	0.352	0.104	0.825	22.8	81	57.8	41.6	25.3	40.4	58.6	25.5	7.54	30.15	44.13	2.21	111	11/05	090.0	01/03
1996	2.8	2.2	20.1	13.7	24.1	80.9	130	87.2	20.7	35.2	6.45	7.42	35.90	49.78	8.13		1	-	
20 m3/s	1.1	0.7	3.9	6.2	18.5	45.1	44.3	21.7	24.4	39.5	18.0	4.2	19.0	27.2	2.5	168	29/6/83	0.017	23/2/88
MCM	2.9	1.7	10.4	16.1	49.6	116.9	118.7	58.1	63.2	105.8	46.7	11.2	601.3	575.1	26.2				
¥	0.4	0.3	1.5	2.4	7.3	17.2	17.5	8.5	9.3	15.6	6.9	1.6	88.4	84.6	3.9				
$m^3/s/100 km^2$	0.02	0.01	0.06	60.0	0.27	99.0	0.65	0.32	0.36	0.58	0.26	90.0	0.28	0.40	0.04				
Note: "-" means data not available Source: Director of Water	data not ava of Water	ailable																	)

RI	RIVER			: BOUBO	Q							CATCHI	CATCHMENT AREA	REA			••	3,411	$\mathrm{Km}^2$	
ST	STATION			: BABOKON	KON							ALTITUDE	DE				••		E	•
BA	BASIN			: BOUBO	o O															
								Mean J	Discharge (m <sup>3</sup> /s)	; (m <sup>3</sup> /s)							Maxi	Maximum	Min	Minimu
	A.D.	I	Dry Season	uo				Rainy	Season				Dry	Annual	Season	nos	Discl	Discharge	Discl	Discharge
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.	Rainy	Dry	m³/s	Date	m³/s	Date
	1980	'		, 	,	' 	'	ı	t	•	ı		ı		-	1	1	ı	ŧ	•
	1981	•	•	•	1		1	1	ı	ı	ı	,		,			1	•	ı	ı
	1982	•		•	•				ı	ı		11.3	1.62	ı	ı	ı	ı	,	ı	•
	1983	0.374	0.203	0.125	0.636	1.46	32.6	16.4	2.22	0.746	0.994	0.599	3.48	4.99	96.9	1.05	55.7	56/06	0	19/02
	1984	0.504	0.026	1.84	1.68	9.77	30.5	48.7	27.9	14.8	35.0	10.7	2.91	15.36	22.38	1.32	57.7	12/07	0	05/03
	1985	1.96	0.882	3.34	5.69	6.33	32.2	20.9	29.2	29.6	27.5	19.8	5.93	15.28	21.40	3.03	56.4	26/08	0.300	26/02
	1986	1.35	0.817	1.94	3.23	7.92	14.7	3.91	2.23	1.24	17.1	12.4	1.14	5.66	7.84	1.31	27.3	17/06	0.008	60/50
	1987	0.245	0.169	2.95	2.65	2.00	11.5	10.6	9.88	34.7	42.3	13.1	2.55	11.05	15.84	1.48	58.7	02/10	0.044	02/03
	1988	0.536	0.308	1.32	,	ı	,	ı	•	•	•	1	1	ı	,	,	,	•	ı	1
	1989	0.569	0.165	1.56	1.04	3.05	26.8	39.3	16.1	30.5	41.4	19.3	4.60	15.37	22.19	1.72	52.3	08/10	0.002	19/04
	1990	1.76	0.390	0.457	0.749	-	•	-	7	3.20	7.07	68.7	13.4	•		4.00		1	ı	,
	1991	E.	t	t	,	20.4	23.5	30.0	6.42	4.01	5.11	1.85	1.78	1	,	ı	43.3	05/07	1	1
	1992	0.093	•	0.097	2.51	7.75	8.28	1.73	7	-	1	t	0.580	,		•	-	•	1	-
	1993	0.214	0.017	0.125	•	•				8.31	22.8	10.7	6.58	1	ı	1.73	ı		•	1
	1994	0.540	0.113	0.286	2.12	11.6	20.1	8.91	1.92	2.72	12.6	23.2	1.38	7.12	10.40	0.58	40.7	02/11	0.055	12/02
	1995	0.142	0.000	1.710	11.7	27.5	40.9	24.9	11.2	26.1	23.4	11	1.97	15.05	22.09	0.98	52.8	26/06	0.033	22/02
	1996	1.150	2.310	2.89	0.821	8.18	31.1	46.3	26.8	-	ı	1.8	2.29	-	-	2.16	1	ı	Į.	•
əg	m3/s	0.7	0.5	1.4	3.0	9.6	24.7	22.9	13.4	14.2	21.4	11.0	3.6	10.5	15.0	1.6	58.7	5/10/87	0	
veta	MCM	1.9	1.2	3.7	7.8	25.7	64.0	61.3	35.9	36.8	57.3	28.5	9.6	333.7	317.3	16.4				
¥	mm	0.6	0.4	1.1	2.3	7.5	18.8	18.0	10.5	10.8	16.8	8.4	2.8	8.76	93.0	4.8				
m <sup>3</sup> /	$\mathrm{m}^3/\mathrm{s}/100\mathrm{km}^2$	0.02	0.01	0.04	0.00	0.28	0.72	0.67	0.39	0.42	6.63	0.32	0.11	0.31	0.44	0.05				
Note	Note: "-" means data not available Source: Director of Water	data not ava of Water	ailable																	

RIVER			: BIA								САТСН	CATCHMENT AREA	REA					Km <sup>2</sup>	
STATION			: AYAIV	: AYAME-1 DAM	Z						ALTITUDE	DE				••	-	Ħ	
BASIN			: BIA													:	;		
							Mean l	Discharge (m <sup>3</sup> /s)	(m <sup>3</sup> /s)							Maximum	mnn	Min	Minimu
A.D.		Dry Season	nı				Rainy	Season				Dry	Annual	Season	що	Discharge	arge	Discharge	ıarge
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.	Rainy	Dry	m <sup>3</sup> /s	Date	m³/s	Date
1980	1.3	10.3	38.7	6.7	52.2	207.1	9.99	53.5	112.6	143.2	70.4	20.2	65.48	89.41	17.63			ı	ı
1981	0	4.8	9.9	22.6	124.9	74.6	9.96	33.8	46.3	8.09	19.5	9.9	41.43	59.89	4.50			ı	1
1982	0	0.7	19.9	42.7	123.2	175.9	196.1	15.2	7.4	46.9	37.1	7.0	56.01	80.56	6.90	ı	,	ı	
1983	2.9	0	0.1	6.0	32.1	125.9	45.5	5.5	13.2	16.2	0	7.5	21.24	30.55	2.63	,	r	ı	
1984	0	0	0	0	0	98.1	127.2	106.6	71.7	133.4	32.0	8.3	48.11	71.13	2.08		1	1	١
1985	3.4	0.1	6.4	5.8	10.9	99.5	130.4	100.0	81.2	75.0	51.5	7.2	47.62	69.29	4.28	ı		ı	
1986	•	0.4	•	7.2	15.9	58.1	51.0	12.0	20.1	63.8	33.5	4.0	22.17	32.70	1.10	•	J	ı	,
1987	6.8	5.8	11.1	10.6	11.2	36.4	30.2	55.6	186.1	306.1	40.4	2.9	58.60	84.58	9.65		•	1	ı
1988	2.7	1.0	19.0	15.2	14.0	104.7	111.1	15.8	60.1	157.4	23.9	18.5	45.28	62.78	10.30			ı	
1989	0.1	0	4.3	15.6	25.5	116.2	147.8	89.3	123.3	212.2	68.4	8.2	67.58	99.79	3.15	ı	,	•	
1990	0	3.6	0	15.0	48.9	139.0	77.0	17.6	29.0	75.7	27.8	25.0	38.22	53.75	7.15	ı	t	ı	
1991	8.9	12.6	12.6	39.4	88.4	100.2	124.5	33.2	27.2	22.5	19.8	11.3	41.72	56.90	11.35	1	ı	ı	
1992	0	3.9	4.2	18.1	40.8	72.4	16.5	6.3	71.9	82.2	77.9	11.1	33.78	48.26	4.80			1	,
1993	0.1	6.3	15.0	28.1	16.3	108.5	86.7	12.5	40.5	110.9	31.3	12.8	39.08	54.35	8.55			r	•
1994	4.8	3.9	8.1	38.6	85.9	164.7	37.5	9.5	24.1	149.2	95.5	0	51.82	75.63	4.20				1
1995	0	0	7.7	46.9	113.3	152.4	61.3	54.9	75.3	102.8	45.4	24.7	57.06	81.54	8.10	1	J	ı	,
1996	7.7	7.9	34.0	36.9	57.1	166.0	270.5	184.4	40.7	56.1	6.0	17.8	73.76	102.21	16.85	1			1
e m3/s	2.3	3.6	11.0	21.1	50.6	117.6	98.6	47.4	9.09	106.7	40.0	11.4	47.6	67.8	7.1				
MCM	6.2	8.7	29.5	54.7	135.5	304.8	264.1	127.0	157.1	285.8	103.7	30.5	1,507.6	1,432.7	74.9				
¥	ı	•	-	•	-	•	-	-	•	•	1	1	ı	•	•				
$m^3/s/100 km^2$	1	1	1	1	-	-	1	ı	1	ı	,	ı	ı	1	ı				
Note: " " means	data not as	nilohlo																	

Note: "." means data not available Source: Ministry of Energy

RIVER				: BIA								CATCHI	CATCHMENT AREA	<b>EA</b>			••	9,330 Km <sup>2</sup>	Km²	
STATION	Z			: AYAIV	: AYAME-2 DAM	M						ALTITUDE	DE				••		Ħ	
BASIN				: BIA																
			:					Mean ]	Discharge (m <sup>3</sup> /s)	; (m <sup>3</sup> /s)							Maximum	mnu	Minimu	nm
A.D.		Ω	Dry Season	u				Rainy	Season				Dry	Annual	Season	uo:	Discharge	arge	Discharge	arge
		Jan	Feb	Маг	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.	Rainy	Dry	m³/s	Date	m³/s	Date
1980		95.1	64.4	50.4	50.5	76.2	77.5	53.7	52.9	58.9	46.2	69.4	54.4	62.47	99.09	80.99				i
1981		9.68	9.09	71.7	33.1	27.6	45.4	66.7	42.3	33.3	39.9	41.9	53.4	50.46	41.28	68.83	t	t		ı
1982		25.3	26.1	20.5	17.9	46.1	61.5	120.1	110.4	50.8	48.8	47.6	45.8	51.74	62.90	29.43	1	1	ı	ı
1983		21.0	21.4	28.9	18.7	3.9	11.1	47.6	14.9	21.4	35.2	71.3	21.6	26.42	28.01	23.23	ı			ı
1984	-	•	0	0	•	۰	•	19.6	0	21.6	93.4	60.5	64.3	21.62	24.39	16.08	1	1	ı	ı
1985		45.0	39.6	45.7	34.1	9.99	9.4	24.9	28.3	25.0	72.2	76.0	67.7	43.79	40.94	49.50			1	ı
1986		54.5	32.5	26.2	28.9	32.9	18.2	7.7	7.5	5.4	7.1	25.3	28.8	22.92	16.63	35.50				1
1987		43.6	39.2	36.0	28.9	34.4	5.1	0.2	0	16.0	58.7	64.9	72.0	33.25	26.03	47.70	•		1	I
1988		70.0	0.69	25.3	29.2	32.6	43.7	29.4	45.8	11.1	13.5	41.1	53.3	38.67	30.80	54.40		ı	ı	1
1989		38.2	50.5	53.2	52.3	49.6	85.3	43.9	59.6	42.4	93.9	99.4	93.6	63.49	65.80	58.88	ı	,	1	ı
1990		62.6	43.8	46.9	37.5	45.6	33.8	69.3	4.4	5.1	34.3	75.6	25.2	40.34	38.20	44.63	ı	ı	ı	
1991		9.3	4.4	37.4	55.3	48.3	67.3	70.6	54.4	21.9	19.6	14.9	19.0	35.20	44.04	17.53	ı		ı	ı
1992		36.4	39.9	15.4	17.9	40.6	56.1	8.0	8.7	10.6	14.8	46.9	9.09	29.66	25.45	38.08	ı	ı	1	ı
1993		39.4	34.9	22.7	39.8	51.1	47.9	73.3	45.4	14.5	33.4	49.1	48.8	41.69	44.31	36.45	1	•	-	1
1994		41.1	4.3	0.5	1.5	14.8	49.7	44.5	28.3	16.1	8.7	53.2	47.6	25.86	27.10	23.38	,		•	1
1995		9:59	71.8	45.6	76.5	6.88	85.7	55.7	46.4	40.7	55.4	64.3	37.7	61.44	64.58	55.18	ı	ı	•	•
1996		45.7	16.3	27.9	50.6	71.0	70.4	72.5	112.5	55.1	63.9	94.9	45.4	60.52	73.86	33.83	-	1	ı	•
	m3/s 4	46.0	36.4	32.6	33.7	43.0	44.7	47.5	39.1	26.5	43.5	58.6	49.4	41.8	42.1	41.1				
VCI3	MCM 12	123.2	88.1	87.3	87.4	115.2	115.9	127.2	104.7	68.7	116.5	151.9	132.3	1,318.4	887.5	430.9				
	mm 1	13.2	9.4	9.4	9.4	12.3	12.4	13.6	11.2	7.4	12.5	16.3	14.2	141.3	95.1	46.2				
$\mathrm{m}^3/\mathrm{s}/100\mathrm{km}^2$		0.49	0.39	0.35	0.36	0.46	0.48	0.51	0.42	0.28	0.47	0.63	0.53	0.45	0.45	0.44				
Note: "-" means data not available Source: Ministry of Energy	neans data inistry of E	not avail Energy	able																	

Mean Discharge (m³/s)     Painy Season   Pry Sea     Jun Jul Aug Sep Oct Nov     Jun Jul Aug Sep Oct     Jul Jul Aug Sep     Jul Jul Aug Sep     Jul Aug Sep     Jul Jul Aug Sep									
Hean Discharge (m <sup>3</sup> /s)    Jan   Feb   Mar   Apr   May   Jun   Jul   Aug   Sep   Oct   Nov     Jan   Feb   Mar   Apr   May   Jun   Jul   Aug   Sep   Oct   Nov     Jan   Feb   Mar   Apr   May   Jun   Jul   Aug   Sep   Oct   Nov     Jan   Feb   Mar   Apr   May   Jun   Jul   Aug   Sep   Oct   Nov     Jan   Jan   Jan   Jul   Jul   Jul   Jul   Jul   Aug   Sep   Oct   Nov     Jan   Jan   Jul     Jan   Jul     Jan   Jul     Jul   Jul   Jul   Jul   Jul   Jul   Jul   Jul   Jul   Jul   Jul   Jul     Jul   Jul   Jul   Jul   Jul   Jul   Jul   Jul   Jul   Jul   Jul   Jul   Jul     Jul   Jul   Jul   Jul   Jul   Jul   Jul   Jul   Jul   Jul   Jul   Jul   Jul     Jul			ALTITUDE			••		Ħ	
AD.  Again Discharge (m³/s)  Again Discharge (m³/s)  Again Discharge (m³/s)  Again Reb Mar Apr May Jun Jul Aug Sep Oct Nov 1981  1981 4.25 3.76 3.42 2.89 3.80 4.32 11.20 16.0 55.8 169 49.2 20.1 1981  1982 3.95 0.841 0.909 1.16 0.739 1.00 12.6 69.5 136 41.8 23.1 1982  1985 0.392 0.020 0 0.323 1.10 0.777 12.6 116 129 49.2 13.7 1986  1986 1.01 0.275 0.167 0.088 0.079 0.047 6.12 38.0 133 53.0 15.6 1989  1987 -									
A.D.         Jan         Feb.         Mar         Jan         Jan         Aug         Jan         Aug         Sep         Oct         Nov           1980         2.58         1.21         0.371         0.187         0.303         1.20         160         55.8         169         49.2         20.1           1981         4.25         3.76         3.42         2.89         3.80         4.32         31.3         110         161         64.2         20.1           1982         3.95         0.841         0.999         1.16         0.739         1.00         12.6         69.5         136         41.8         23.1           1982         2.98         0.875         0.246         0.255         0.326         15.9         47.2         10.2         25.4           1984         0.205         0.115         0.038         0.079         0.047         5.26         55.4         27.7         5.59           1985         1.01         0.223         0.177         1.26         1.26         37.7         1.26         1.37           1986         1.01         0.038         0.079         0.047         0.047         0.04         0.04         0.04	Mean Discharge (m <sup>3</sup> /	(s)				Max	Maximum	Minimu	mn
180   1.2	Rainy Season		Dry Season	Annual	Season	Disc	Discharge	Discharge	arge
	Jun Jul Aug		Nov Dec	Avg.	Rainy Dry	m³/s	Date	m³/s	Date
1981         4.25         3.46         3.80         4.32         31.3         110         161         64.2         13.7           1982         3.95         0.841         0.909         1.16         0.739         1.00         12.6         69.5         136         41.8         23.1           1984         0.205         0.841         0.909         1.16         0.739         1.00         12.6         69.5         136         41.8         23.1           1984         0.205         0.835         0.020         0.020         0.032         1.17         0.777         12.6         15.9         47.2         10.2         2.54           1985         0.020         0.032         0.031         0.071         0.077         12.6         116         12.9         49.2         13.7         5.59           1986         1.01         0.225         0.020         0.047         0.077         12.6         13.6         49.2         13.7           1987         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0           1989         1.0         1.0         1.0         1.0         1.0	1.20 16.0 55.8		20.1 7.02	26.9	48.6 5.2	255	60/80	0.151	11/04
1982         3.95         0.841         0.909         1.16         0.739         1.00         12.6         69.5         136         41.2         10.2         2.34           1983         2.08         0.875         0.384         0.229         0.246         0.255         0.326         15.9         47.2         10.2         2.54           1984         0.205         0.115         0.083         0.031         0.131         0.071         3.78         25.6         55.4         27.7         5.59           1985         0.205         0.15         0.032         1.17         0.777         12.6         116         12.9         49.2         13.7         5.59           1987	4.32 31.3 110		13.7 5.19	34.0	62.4 5.5	187	10/09	2.49	08/04
1984         2.08         0.284         0.225         0.246         0.255         0.326         15.9         472         10.2         2.54           1984         0.205         0.115         0.083         0.031         0.131         0.071         3.78         25.6         55.4         27.7         5.59           1984         0.205         0.115         0.083         0.032         1.17         0.777         12.6         116         12.9         49.2         13.7         5.59           1986         1.01         0.275         0.167         0.088         0.079         0.047         6.12         38.0         133         53.0         13.6           1988         1.01         0.275         0.167         0.079         0.047         6.12         38.0         13.0         5.59         13.0	1.00 12.6 69.5	<u> </u>	23.1 5.52	24.8	43.6 5.9	173	11/09	0.335	10/03
1984         0.205         0.115         0.083         0.031         0.131         0.071         3.78         25.6         55.4         27.7         5.59           1985         0.322         0.020         0         0.323         1.17         0.777         12.6         116         129         49.2         13.7           1986         1.01         0.275         0.167         0.088         0.079         0.047         6.12         38.0         133         53.0         13.7           1987         - </td <td>0.255 0.326 15.9</td> <td></td> <td>2.54 0.765</td> <td>8.9</td> <td>12.4 1.1</td> <td>55.2</td> <td>22/09</td> <td>0.160</td> <td>12/04</td>	0.255 0.326 15.9		2.54 0.765	8.9	12.4 1.1	55.2	22/09	0.160	12/04
1986         0.392         0.020         0         0.323         1.17         0.777         12.6         116         129         49.2         13.7           1986         1.01         0.275         0.167         0.088         0.079         0.047         6.12         38.0         133         53.0         15.6           1987         -         -         10.0         - <td>0.071 3.78 25.6</td> <td></td> <td>5.59 1.38</td> <td>10.0</td> <td>18.8 1.2</td> <td>74.3</td> <td>22/09</td> <td>0</td> <td>25/04</td>	0.071 3.78 25.6		5.59 1.38	10.0	18.8 1.2	74.3	22/09	0	25/04
1986   1.01   0.275   0.167   0.088   0.079   0.047   6.12   38.0   133   53.0   15.6   1987	0.777 12.6 116		13.7 3.07	27.2	51.5 2.9	203	27/08	0	05/02
1987         -	0.047 6.12 38.0		15.6 3.24	20.9	38.4 3.4	153	21/09	0.018	03/07
1988         -	1	1	ı	,	1	1	1		
1989         -	t t			•	1	1	ı	1	ı
1990         -				1	1	1	1	1	1
1992 1.55 - 0.069 0.041 0.030 0.058 0.161 2.50 71.9 168 58.6 15.2 1592 1.55 - 0.116 0.006 0.014 0.034 2.17 - 103 37.1 9.52 1993 1.40 0.911 0.853 1.19 2.58 0.910 1.18 21.3 92.2 48.4 9.13 1994 1.17 0.394 0.009 0.234 0.001 0.268 3.69 61.4 176 2.06 149 1995 5.8 2.700 1.120 0.470 0.743 0.724 7.56 159 180 130 25.6 1996 2.25 0.95 0.328 0.490 0.604 2.240 9.36 76.1 177 120 18.7 120 18.7 120 18.7 MCM 5.6 2.4 1.6 3.1 2.1 2.1 2.3 22.5 183.2 344.2 184.5 64.0 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5	1			1	1	1	1	ı	ı
1992 1.55 - 0.116 0.006 0.014 0.034 2.17 - 103 37.1 9.52 1993 1.40 0.911 0.853 1.19 2.58 0.910 1.18 21.3 92.2 48.4 9.13 1994 1.17 0.394 0.009 0.234 0.001 0.268 3.69 61.4 1.76 2.06 149 1495 2.25 0.95 0.328 0.490 0.604 2.240 9.36 76.1 177 120 18.7 120 18.7 120 18.7 MCM 5.6 2.4 1.6 3.1 2.1 2.1 2.3 22.5 183.2 344.2 184.5 64.0 13.5 m. 1.3 0.5 0.3 0.7 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.161 2.50 71.9		15.2 3.84	26.7	50.2 3.3	204	60/50	0	28/03
1993 1.40 0.911 0.853 1.19 2.58 0.910 1.18 21.3 92.2 48.4 9.13 1994 1.17 0.394 0.009 0.234 0.001 0.268 3.69 61.4 176 206 149 1495 5.8 2.700 1.120 0.470 0.743 0.724 7.56 159 180 130 25.6 1996 2.25 0.95 0.328 0.490 0.604 2.240 9.36 76.1 177 120 18.7 MCM 5.6 2.4 1.6 3.1 2.1 2.3 22.5 183.2 344.2 184.5 64.0	0.034 2.17 -		9.52 2.96	-	1	137	05/00	0	16/04
1994 1.17 0.394 0.009 0.234 0.001 0.268 3.69 61.4 176 206 149 1995 5.8 2.700 1.120 0.470 0.743 0.724 7.56 159 180 130 25.6 1996 2.25 0.95 0.328 0.490 0.604 2.240 9.36 76.1 177 120 18.7  MCM 5.6 2.4 1.6 3.1 2.1 2.3 22.5 183.2 344.2 184.5 64.0	0.910 1.18 21.3		9.13 3.32	15.3	27.8 2.8	101	23/09	0.793	09/03
1995 5.8 2.700 1.120 0.470 0.743 0.724 7.56 159 180 130 25.6 1996 2.25 0.95 0.328 0.490 0.604 2.240 9.36 76.1 177 120 18.7 m3/s 2.1 1.0 0.6 1.2 0.8 0.9 8.4 68.4 132.8 68.9 24.7 MCM 5.6 2.4 1.6 3.1 2.1 2.3 22.5 183.2 344.2 184.5 64.0	0.268 3.69 61.4		149 21.8	51.7	74.6 28.8	240	12/10	0	08/04
1996         2.25         0.95         0.528         0.490         0.604         2.240         9.36         76.1         177         120         18.7           m3/s         2.1         1.0         0.6         1.2         0.8         0.9         8.4         68.4         132.8         68.9         24.7           MCM         5.6         2.4         1.6         3.1         2.1         2.3         22.5         183.2         344.2         184.5         64.0           mm         1.2         0.3         0.7         0.4         0.5         4.7         38.6         77.6         38.0         13.5	0.724 7.56 159		25.6 6.06	43.3	79.7	204	30/08	0.190	23/04
m3/s         2.1         1.0         0.6         1.2         0.8         0.9         8.4         68.4         132.8         68.9         24.7           MCM         5.6         2.4         1.6         3.1         2.1         2.3         22.5         183.2         344.2         184.5         64.0           mm         1.2         0.3         0.7         0.4         0.5         0.7         38.6         77.6         38.0         13.5	2.240 9.36 76.1		18.7 5.22	34.4	64.2 4.7	1	١	τ	
MCM 5.6 2.4 1.6 3.1 2.1 2.3 22.5 183.2 344.2 184.5 64.0	0.9 8.4 68.4		24.7 5.3	26.3	46.7 5.8	3 255	08/60/80	0	
12 05 03 07 04 05 17 386 776 380 135	2.3 22.5 183.2		64.0 14.2	829.7	738.8 90.9				
12 03 03 04 04 17 30.0 72.0 30.5 153	0.4 0.5 4.7 38.6 72.6	.6 38.9	13.5 3.0	175.0	155.9 19.2	-			
m <sup>3</sup> /s/100km <sup>2</sup> 0.04 0.02 0.01 0.03 0.02 0.02 0.18 1.44 2.80 1.45 0.52 0.11	0.02 0.18 1.44		0.52 0.11	0.55	0.99 0.12				
Note: "-" means data not available Source: Director of Water									

RIVER				: BAGOE	田田							CATCHIN	CATCHMENT AREA	ŒA				8,950 Km <sup>2</sup>	Km <sup>2</sup>	
STATION	NOI			: PAPARA	RA						•	ALTITUDE	DE				••		ш	
BASIN	7			: BANI-NIGER	NIGER															
	<del></del>							Mean	Discharge (m <sup>3</sup> /s)	e (m <sup>3</sup> /s)							Maxi	Maximum	Minimu	l lill
Ą.	A.D.		Dry S	Dry Season				Rainy S	Season			Dry Season	eason	Annual	Season	uo	Discl	Discharge	Discharge	arge
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.	Rainy	Dry	m³/s	Date	m³/s	Date
19	1980	4.95	2.49	0.984	0.181	0.282	2.20	20.4	100	230	94.8	30.5	11.5	41.5	74.6	8.4	252	60/50	0.044	29/04
19	1981	4.33	2.11	1.30	0.832	1.75	2.13	37.3	592	303	138	26.6	8.93	0.99	124.7	7.4	429	05/09	0.227	27/04
19	1982	6.11	1.89	0.823	4.77	1.93	6.03	15.3	88.3	165	,	30.1	8.90		•	8.8	176	50/05	0.532	30/03
19	1983	3.56	1.49	0.513	0.364	0.510	0.573	1.63	19.0	59.6	19.3	4.80	1.59	9.4	16.8	2.1	81.8	17/09	0.117	09/04
19	1984	0.532	0.144	0.008	0	0.362	1.26	7.54	29.5	81.2	6.09	16.0	3.73	16.8	30.1	3.4	105	12/09	0	ı
19	1985	1.23	0.354	0.078	0.011	1.51	6.41	25.4	136	248	114	25.3	7.23	47.1	88.6	5.7	305	22/09	0	19/04
19	1986	3.03	1.23	0.448	0.135	1.96		1		r	ı	24.0	6.59	,				1	0	16/05
19	1987	ı	1	1	0.006	ı	6.72	5.75	33.6	145	109	21.7	5.75	•	1	ı	172	30/06	,	
19	1988	•	-	,	,						ı	1	ı	ı	t	t	t		,	
19	1989	•	-	•	•	0.908	0.939	8.98	113	226	142	22.7	96.9	1	t	ı	239	22/09	•	1
19	1990	5.60	2.34	0.938	0.568	•	-	•			1	1	5.92	ı	,	•	1	,	0.355	07/04
19	1991	2.32	0.704	0.193	0.014	-	-	•		1	-	-	-		-	1	-	-	•	15/04
19	1992	3.69	1.95	0.820	0.256	0.615	1.86	2.67	43.6	•	70.4	19.7	6.79	-	ı	5.5	140	14/09	0.145	20/04
19	1993	ı	-	r		-	-	2.04	56.6	•	•	16.7	2.67	1	-	ı		ŧ	,	1
19	1994	3.06	1.73	0.231	0.098	0.037	0.618	5.43	85.3	258	415	303	77.4	92.8	127.4	64.3	479	20/10	0	22/03
19	1995	12.7	80.9	3.160	1.620	-	5.130	87.6	140	,	•		15.9	-	•	1	1	. 1	,	,
19	1996	6.47	3.61	1.78	0.876	1.09	7.52	28.6	128	196	199	ı	12.6		93.4	•	•	1	-	ī
92	m3/s	4.4	2.0	6.0	0.7	1.0	3.4	13.1	95.3	191.2	136.2	45.1	12.4	42.1	73.4	10.9	479	20/10/95	0	
vera	MCM	11.8	4.8	2.4	1.8	2.7	8.8	35.1	255.3	495.6	364.8	116.9	33.2	1,333.2	1,162.3	170.9				
¥	mm	1.3	0.5	0.3	0.2	0.3	1.0	3.9	28.5	55.4	40.8	13.1	3.7	149.0	129.9	19.1				
m <sup>3</sup> /s/1	$m^3/s/100 km^2$	0.05	0.02	0.01	0.01	0.01	0.04	0.15	1.06	2.14	1.52	0.50	0.14	0.47	0.82	0.12				
Note: "-' Source: 1	Note: "-" means data not a Source: Director of Water	Note: "-" means data not available Source: Director of Water	lable																	

RIA	RIVER			: BAOULE	TE							CATCHI	CATCHMENT AREA	<b>JEA</b>			••	3,970	$\mathrm{Km}^2$	
ST	STATION			: DJIRILA	LA							ALTITUDE	DE				••	354	E	
BA	BASIN			: BANI-NIGER	NIGER					:										
								Mean I	Discharge (m <sup>3</sup> /s)	; (m <sup>3</sup> /s)							Maxi	Maximum	Minimu	nuı
	A.D.		Dry 5	Dry Season				Rainy	Season			Dry S	Dry Season	Annual	Season	uo;	Disc	Discharge	Discharge	arge
		Jan	Feb	Маг	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.	Rainy	Dry	m <sup>3</sup> /s	Date	m³/s	Date
	1980	ı	'	1	1	1	,	٠	1	1	i	1	1	ı	1	ι	ı	,		-
	1981	ı		•	ı			ı	ı	ı		1		1	ı	ı	ı	ı		,
	1982	1	,	1	ı	1	1	1	1	1	1	1	1	1	ı	г	ı	ı	,	,
	1983	1	1.53	0.538	0.210	0.234	0.400	1.87	41.8	84.6	31.6	10.7	3.16	ı	26.8	ı	109	23/09	0.170	15/04
	1984	998.0	0.298	0.098	0.036	0.091	0.139	3.90	34.8	56.2	39.5	10.2	2.46	12.4	22.4	2.3	67.4	27/09	0.012	26/04
	1985	0.718	0.238	0.074	0.004	0.184	0.163	8.56	62.6	77.9	62.6	15.1	3.73	19.3	35.3	3.3	96.0	30/08	0	30/04
	1986	0.820	0.255	0.108	0.053	0.235	0.616	1.54	15.4	50.3	27.9	11.6	2.19	9.3	16.0	2.5	59.2	12/09	0.012	18/04
	1987	0.551	0.182	1	ı	ţ	t	0.132	3.04	38.8	23.0	5.49	1.15	•	•	•	51.5	11/09	1	ı
	1988	0.305	0.099	0.032	0.006	0.007	0.122	2.60	44.9	127	48.6	8.39	1.65	19.5	37.2	1.7	140	15/09	0	29/05
	1989	0.455	0.159	0.074	0.026	0.008	0.189	0.552	64.5	96.8	51.0	8.79	2.14	18.7	35.5	1.9	111	03/06	0	13/04
	1990	0.726	0.253	0.045	0.026	0.569	0.324	14.7	58.5	42.8	22.7	7.74	2.15	12.5	23.3	1.8	68.5	19/08	0	05/04
	1991	0.600	0.177	0.073	0.039	0.086	0.309	3.85	39.1	93.1	74.2	•	•	1	35.1	ı	110	06/10	900'0	02/05
	1992	1.86	0.737	0.253	0.202	0.489	0.347	16.2	62.5	91.1	41.7	16.0	4.89	19.7	35.4	4.0	120	05/09	0.084	19/04
	1993	1.73	0.737	0.544	0.206	0.151	0.244	1.28	28.6	105	52.4	16.5	5.90	17.8	31.3	4.3	124	21/09	0.124	30/04
	1994	2.17	1.07	0.446	0.224	0.153	1.63	16.4	36.2	94.9	149	138	22.5	38.6	49.7	27.4	156	17/10	0.124	11/05
	1995	5.96	2.53	1.200	0.725	0.946	1.41	6.7	82.1	152	143	42.7	10.5	37.5	64.4	10.6	163	15/09	0.312	26/04
	1996	•	-	-	•	-	_	-	-	-	-	-	-	-	'	'	ı	,	•	-
98	m3/s	1.4	9.0	0.3	0.1	0.3	0.5	6.0	44.2	85.4	59.0	24.3	5.2	18.9	32.6	5.3	163	15/9/95	0	
veta	MCM	3.7	1.5	8.0	0.3	0.8	1.3	16.1	118.4	221.4	158.0	63.0	13.9	599.2	516.0	83.2				
¥	mm	6.0	0.4	0.2	0.1	0.2	0.3	4.1	29.8	55.8	39.8	15.9	3.5	150.9	130.0	21.0				
$m^3/$	$\rm m^3/s/100km^2$	0.04	0.05	0.01	0.003	0.01	0.01	0.15	1.11	2.15	1.49	0.61	0.13	0.48	0.82	0.13				
Note	Note: "-" means data not available Source: Director of Water	data not ava of Water	ailable																	

RIVER			: BANIFING	ING							CATCH	CATCHMENT AREA	ŒA				1 066	$\mathrm{Km}^2$	
STATION	<b>.</b> _		: ZIEM	: ZIEMOUGOULA	Ľ.					-	ALTITUDE	DE				••	I	a	
BASIN			: BANI-NIGER	NIGER															
							Mean I	Mean Discharge (m³/s)	(m <sup>3</sup> /s)							Maximum	mnm	Minimu	nwa
A.D.		Dry S	Dry Season				Rainy	Rainy Season			Dry Season	eason	Annual	Season	uo	Discharge	large	Discharge	arge
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.	Rainy	Dry	m³/s	Date	m³/s	Date
1980	1.20	0.360	0.037	0.013	0.023	0.449	6.55	13.3	29.8	9.65	4.98	2.24	5.7	10.0	1.5	57.6	60/80	0.003	01/02
1981	0.575	0.141	0.033	0.005	0.885	2.29	26.4	2.99	73.2	30.8	9.14	3.18	17.8	33.4	2.2	119	01/00	•	01/05
1982	1.30	0.585	0.167	0.056	0.035	0.049	78.7	28.5	44.9	19.3	13.5	3.13	6'6	16.8	3.1	56.4	01/00	0.010	17/05
1983	1.14	0.428	0.108	0.012	0.077	0.125	0.734	12.4	25.7	9.12	3.33	0.901	4.5	8.0	1.0	32.5	17/09	0.003	16/04
1984	0.195	0.047	0.004	0	620.0	0.071	1.73	16.0	32.7	17.7	3.35	0.703	0.9	11.4	0.7	45.7	50/02	0	15/03
1985	0.165	0.027	0	0	0	0	0.651	30.1	39.9	17.6	5.30	196.0	7.9	14.7	1.1	69.2	22/09	0	27/02
1986	0.189	,	•	0	0	0.084	1.14	90.6	26.0	11.2	4.66	0.782		6.7		36.2	60//0	0	01/02
1987	0.209	0.052	0	0	0	0	0.075	2.02	23.3	11.0	1.81	0.372	3.2	6.1	0.4	31.0	60/90	0	06/03
1988	0.087	0.003	0	0	0	0.057	2.28	27.4	42.7	12.4	2.49	0.420	7.3	14.1	0.5	9.62	24/08	0	20/02
1989	0.119	0.003	0	0	0	0	052:0	•	36.0	16.5	2.57	0.658	•	1	9.0	83.8	25/08	0	06/02
1990	0.131	0.003	0	0	0	0	1.84	18.9	20.4	7.04	1.87		1	8.0	1	26.2	22/08	0	01/03
1991	0.101	0	0	0	0	0	0.692	13.9	25.0	24.0	7.39	1.60	6.1	10.6	1.5	42.6	04/09	0	22/02
1992	0.420	0.141	0.003	0	0	0	5.87	21.0	27.9	14.5	4.09	0.983	6.2	11.5	6.0	34.2	60/20	0	11/03
1993	0.396	0.082	0	0	0	0.008	0.612	18.4	39.0	15.4	ı	ı	ı	12.2	ı	55.1	30/08	0	25/03
1994	0.372	0.199	0.044	0	0	0	0.076	1.67	26.5	55.3	29.7	3.71	8.6	13.9	5.7	75.3	10/10	0	04/04
1995	0.949	0.372	0.112	0.016	0	0	0.265	29.7	43.8	24.5	ſ	1.35	•	16.4	•	62.4	28/08	0	21/06
1996	1	ı	-	1	1	1	1	1	ı	1	1	1	-	1	'	ı	,		1
e m3/s	/s 0.5	0.2	0	0	0.1	0.2	3.6	20.6	34.8	18.5	6.7	1.5	7.2	13.0	1.5	119	1/9/81	0	
MCM	M 1.3	0.5	0	0	0.3	0.5	9.6	55.2	90.2	49.6	17.4	4.0	228.6	205.4	23.2				
wu V	n 1.3	0.5	0	0	0.3	0.5	9.7	55.8	91.1	50.1	17.6	4.0	230.9	207.5	23.4				
$m^3/s/100 km^2$	$m^2$ 0.05	0.02	0	0	0.01	0.02	0.36	2.08	3.52	1.87	0.68	0.15	0.73	1.31	0.15				

RIVER			: KANK	KANKELABA							CATCH	CATCHMENT AREA	REA			••	5,550 Km <sup>2</sup>	Km²	
STATION			: DEBETE	TE							ALTITUDE	DE				••		Ħ	
BASIN			: BANI-NIGER	NIGER															
							Mean I	Discharge (m <sup>3</sup> /s)	(m <sup>3</sup> /s)							Maxi	Maximum	Minimu	nun.
A.D.		Dry 5	Dry Season				Rainy Season	Season			Dry S	Dry Season	Annual	Season	on	Discharge	large	Discharge	large
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.	Rainy	Dry	m³/s	Date	m³/s	Date
1980	0.593	0.217	0.041	0	0.008	0.448	3.30	40.3	115	22.2	7.32	2.48	16.0	30.2	1.8	172	15/09	0	03/05
1981	0.936	0.344	0.159	0.012	0.770	1.42	17.7	147	219	46.1	11.1	2.62	37.3	72.0	2.5	296	10/09	•	02/05
1982	0.777	0.311	0.095	0.057	0.153	0.710	5.62	70.5	101	27.7	14.0	2.79	18.6	34.3	3.0	133	60/50	0.002	21/04
1983	0.747	0.366	0.107	0.040	0.241	0.101	1.11	30.0	54.7	21.6	3.88	0.943	9.5	18.0	1.0	70.8	23/09	0	98/05
1984	0.291	0.077	•	0	•	0.699	0.698	10.0	46.2	23.0	3.25	099.0	7.1	13.4	0.7	72.3	14/09	•	04/06
1985	0.189	0.019	•	0	0	0	1.31	44.0	110	51.4	5.59	1.25	17.8	34.5	1.2	198	25/09	•	90/20
1986	0.364	0.114	0.043	0.033	0.259	0.055	2.24	42.2	90.2	40.2	6.15	1.34	15.3	29.2	1.3	111	10/09	•	07/04
1987	0.389	0.100	0.002	•	0	1.44	2.74	8.20	8.99	30.4	3.99	0.830	9.6	18.3	6.0	82.9	17/09	0	22/05
1988	0.291	0.059	•	•	0	1.15	25.2	102	156	80.9	8.75	2.07	31.4	6.09	1.9	179	29/08	0	26/05
1989	0.566	0.226	0.041	0.007	0	0.884	1.09	80.1	147	43.6	5.23	1.30	23.3	45.4	1.2	203	60/20	0	15/04
1990	0.450	0.163	0.018	0	0	0.070	38.0	91.4	ı		4.27	2.01	1	ı	1.2	,		0	26/03
1991	0.586	0.095	0.003	0		0.581	9.27	96.1	169	39.6	11.6	2.83		•	2.5	274	60/50	•	28/05
1992	1.02	0.407	0.092	0.336	1.54	0.420	5.76	66.1	146	37.5	6.27	2.03	22.3	42.9	1.7	165	12/09	0	20/04
1993	0.679	0.211	0.067	0.005	0.043	0.199	2.05	25.5	123	38.7	65'9	2.37	16.6	31.6	1.7	149	17/09	•	07/05
1994	0.798	0.348	0.114	0.011	0.005	0.360	1.92	64.7	237	t	110	13.1	•	-	20.7			0	13/04
1995	3.730	1.580	0.610	0.398	14.500	4.160	13.5	136	223	108	22.6	5.07	44.4	83.2	5.7	279	60/80	0.346	30/04
1996	2.380	0.976	0.404	0.183	0.243	3.940	27.2	87.7	158	60.5	10.6	3.79	29.7	56.3	3.1	'	ı		1
e m3/s	6.0	0.3	0.1	0.1	1.1	1.0	9.3	67.2	135.1	44.8	14.2	2.8	23.1	43.1	3.1	296	10/9/81	0	
MCM	2.4	0.7	0.3	0.3	2.9	2.6	24.9	180.0	350.2	120.0	36.8	7.5	728.6	9.089	48.0				
¥	0.4	0.1	0.1	0.1	0.5	0.5	4.5	32.4	63.1	21.6	9.9	1.4	131.3	122.6	9.8				
$m^3/s/100 km^2$	0.02	0.01	0.002	0.002	0.02	0.02	0.17	1.21	2.43	0.81	0.26	0.05	0.42	0.78	90.0				
Note: "-" means data not available	data not ava	ilable															1		

RIVER	ER			: NIANGBOUE	BOOLE							CATCHI	CATCHMENT AREA	<b>EA</b>			••	$453 \text{ Km}^2$	Km <sup>2</sup>	
STA	STATION			: N'DARA	₹ <b>A</b>						•	ALTITUDE	DE				••		E	
BASIN	Z			: BANI-NIGER	NIGER										:					
								Mean I	Discharge (m <sup>3</sup> /s)	(m <sup>3</sup> /s)							Maxi	Maximum	Min	Minimu
*	A.D.		Dry 5	Dry Season				Rainy	y Season			Dry Season	eason	Annual	Season	son	Discl	Discharge	Discl	Discharge
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.	Rainy	Dry	m³/s	Date	m <sup>3</sup> /s	Date
	1980	ı				,	ı	ι	t	ı	ı	1	1	ı	1	1		,	-	1
	1981	ı	i.	ı	ı	ı	1	1	1	,	1	ı					,		ı	,
	1982			ı						,	,	E	t	t.	1	ı	ı	ı	ì	1
	1983	0.063	0.069	0.003	0	•	0	•	0.043	0.905	0.234	0.071	0.016	0.117	0.197	0.037	2.11	18/09	0	•
	1984	0	•	•	0	0.004	0	0.012	0.680	5.69	0.651	0.241	0.100	0.615	1.173	0.057	16.8	19/09	0	ı
	1985	0.018	•	•	0	0.003	0	3.12	13.1	16.1	1.38	0.421	0.136	2.857	5.617	960.0	45.0	15/09	0	1
1	1986	0.069	0.035			•	-		ı	ı	ı	r	r				1	1	,	1
1	1987	1	•		ı		t	ι	В	ı	ı	ı	7.88	ı	1	ı	ı	ı	ı	t
1	1988	7.17	6.63	5.46	0	0	1.45	9.07	16.9	21.7	9.81	7.80	1	1	9.822	1	43.2	60/50	0	ι
1	1989	6.55	5.87	4.18	0	-	•	1	1		•	0	0	2.767	•	2.767	7.15	01/01	0	1
	1990	0.034	•	0.149	0.097	0	0.172	1.81	3.30	2.79	1.92	1.36	0.953	1.049	1.665	0.432	19.5	22/07	0	04/01
	1991	0.533	0	0	0.164	0	0	1.28	14.0	7.18	2.95	1.72	0.539	2.364	4.235	0.493	58.8	29/08	0	31/01
	1992	0.671	0.493	0.127	0	0	0	0.225	2.72	3.18	3.20	0.624	0.299	0.962	1.554	0.369	16.9	28/08	0	17/03
1	1993	0.061	0.009	0	0.018	0.034	0.006	0.017	0.859	2.53	0.980	0.223	0.058	0.400	0.738	0.062	11.2	03/08	0	03/04
1	1994	0.036	900'0	0	0	0.075	0.009	0.298	4.26	15.5	38.0	6:36	0.925	5.458	069.6	1.226	71.5	10/10	0	12/04
1	1995	0.390	0.221	0	0.002	0	0.001	1.310	11.1	3.79	2.6	0.611	0.232	1,691	3.139	0.243	31.5	15/08	0	20/06
1	1996	-	•		1	ı	-	ı	ı		,	t	ı	1	ı	1	ı	ı	1	
95	m3/s	1.3	1.1	6.0	0	0	0.2	1.7	2.9	7.9	6.2	1.8	1.0	2.4	3.8	1.0	71.5	10/10/94	0	
veta	MCM	3.5	2.7	2.4	0	0	0.5	4.6	17.9	20.5	16.6	4.7	2.7	76.1	60.1	16.0				
V	mm	7.7	0'9	5.3	0	0	1.1	10.2	39.5	45.3	36.6	10.4	0.9	168.0	132.7	35.3				
m <sup>3</sup> /s/	m <sup>3</sup> /s/100km <sup>2</sup>	0.29	0.24	0.20	0	0	0.04	0.38	1.48	1.74	1.37	0.40	0.22	0.53	0.84	0.22				
Note	"-" means (	Note: "-" means data not available	ollable																	

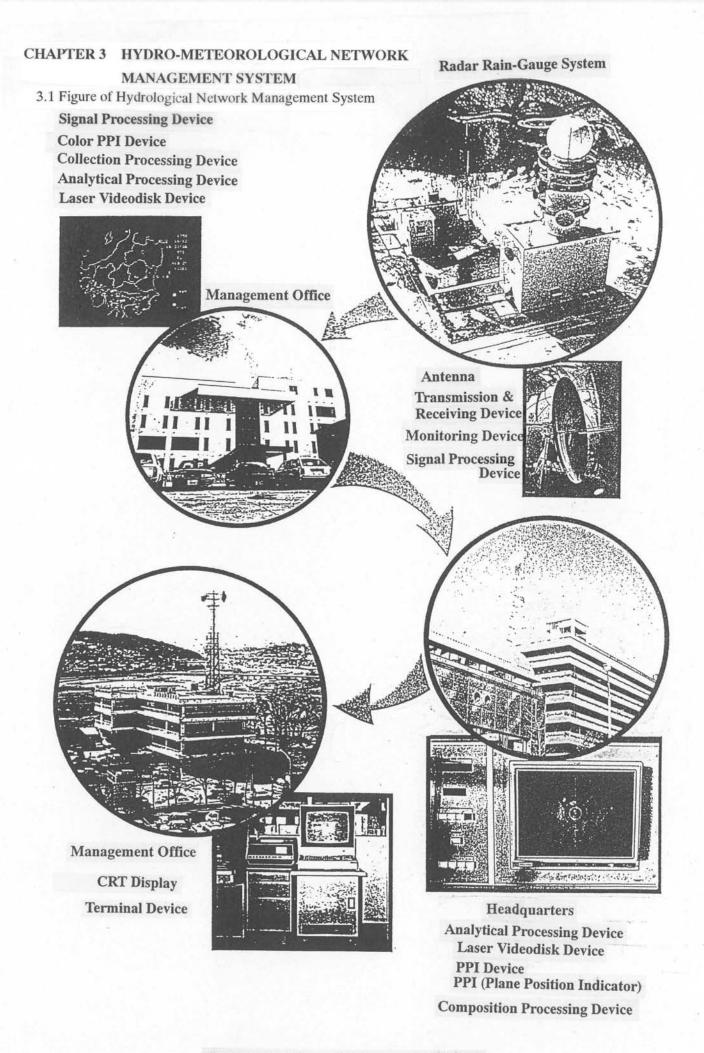
RIVER	ER			: KOUR	: KOUROUKELLE	Ę						CATCH	CATCHMENT AREA	ŒA			••	1,990	$\mathrm{Km}^2$	
STA	STATION			: IRAD	: IRADOUGOU							ALTITUDE	OE				••	398	Ħ	
BASIN	Z.			: SANK	: SANKARANI-NIGER	<b>VIGER</b>														
								Mean I	Discharge (m <sup>3</sup> /s)	(m <sup>3</sup> /s)							Maximum	mnm	Minimu	nmi
7	A.D.		Dry S	Dry Season				Rainy S	Season			Dry Season	еаѕоп	Annual	Season	uo:	Discharge	arge	Discharge	large
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.	Rainy	Dry	m³/s	Date	m <sup>3</sup> /s	Date
	1980	4.79	2.27	0.688	0.844	3.38	3.02	16.8	23.7	71.9	27.3	13.9	6.47	14.6	24.4	4.8	93.3	60/90	0.215	16/04
1	1981	2.78	1.25	0.530	0.348	1.24	0.926	21.4	64.6	76.1	30.7	12.3	5.19	18.1	32.5	3.7	84.0	60/80	0.215	24/04
1	1982	2.13	0.970	0.460	0.699	1.12	1.18	10.0	52.3	75.8	40.4	19.0	8.27	17.7	30.1	5.3	99.2	01/00	0.320	21/03
1	1983	4.04	2.45	0.833	0.295	0.839	2.42	7.19	44.6	42.6	19.4	6.88	2.92	11.2	19.5	2.9	56.2	24/08	0.214	16/04
	1984	1.07	0.482	0.280	0.179	0.301	0.446	3.08	24.4	57.7	20.1	6.78	2.51	8.6	17.7	1.9	71.3	22/09	0.158	13/04
1	1985	0.974	0.390	0.186	0.025	0.303	0.311	11.4	63.1	71.0	52.2	12.6	4.71	18.1	33.1	3.1	9.7.6	25/09	•	05/04
1	1986	1.69	0.697	0.419	0.303	0.463	0.448	2.40	19.7	45.0	20.8	9.29	2.92	8.7	14.8	2.6	49.6	21/09	0.102	04/05
1	1987	1.17	0.524	0.166	•	•	0.219	0.634	4.99	42.5	19.5	5.90	1.99	,	,		67.4	11/09		ı
1	1988	0.577	0.140	0.010		•	-	•	29.8	53.2	28.0	6.67	1.86	ı	-	t	63.7	60/50	0	09/03
1	1989	0.629	0	0	0	0	0.047	5.25	42.4	62.8	25.1	6.43	1.87	12.0	22.6	1.5	9.69	60/60	0	
1	1990	0.674	0.216	0.020	0	0.019	0.063	7.35	31.8	23.9	19.0	6.57	2.21	7.7	13.7	1.6	45.8	10/08	0	1
1	1991	1.00	0.456	0.183	0.095	0.199	0.731	11.9	73.1	57.0	21.7	13.2	5.60	15.4	27.4	3.4	85.8	30/08	0.074	05/04
1	1992	1.96	0.923	0.429	0.159	0.117	0.389	3.32	28.5	50.5	•		1	ı		•	ı	•	0.074	17/05
	1993	1.64	0.778	0.900	0.496	0.523	0.807	2.85	16.6	62.8	34.3	10.3	4.13	11.3	19.6	3.0	77.8	17/09	0.284	25/04
1	1994	1.53	0.816	0.355	0.075	0.078	0.947	15.1	34.1	81.8	82.4	71.0	14.9	25.3	35.7	14.8	98.6	24/09	0	01/02
	1995	98.9	3.320	1.460	0.945	0.597	0.450	3.79	60.3	79.6	56.9	14.5	6.19	19.6	33.6	5.5	89.2	13/09	0.348	01/07
1	1996	2.58	1.260	0.505	0.101	0.201	0.813	2.22	21.5	41.2	28.9	11.1	4.8	9.6	15.8	3.4	'	ı	t	
ခခြ	m3/s	2.1	1.0	0.4	0.3	9.0	8.0	7.8	37.4	58.6	32.9	14.2	4.8	13.4	23.0	3.8	99.2	1/9/82	0	
vera	MCM	5.6	2.4	1.1	8.0	1.6	2.1	20.9	100.2	151.9	88.1	36.8	12.9	424.4	364.8	59.6				
¥	mm	2.8	1.2	0.6	0.4	8.0	1.1	10.5	50.4	76.3	44.3	18.5	6.5	213.3	183.3	29.9				
m <sup>3</sup> /s/	$m^3/s/100 km^2$	0.11	0.05	0.02	0.02	0.03	0.04	0.39	1.88	2.94	1.65	0.71	0.24	0.67	1.16	0.19				
Note: Source	Note: "-" means data not available Source: Director of Water	lata not ava of Water	ilable																	

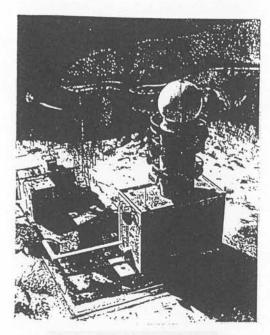
RIVER	ï.			: CAVALLY	ΥĽ							CATCHMENT AREA	TENT AR	FA			•	28.800 Km <sup>2</sup>	Km <sup>2</sup>	
STATION	NOI			TATE	i							AI TITI IDE	Ħ	i				14	į	
BASIN	Z			: CAVALLY	LLY								ą				•		1	
								M	Mean Discha	Discharge (m <sup>3</sup> /s)							Maxi	Maximum	Minimu	imu
<b>∀</b>	A.D.	Α	Dry Season	TI.				Rainy	Rainy Season				Dry	Annual	Season	uo	Disc	Discharge	Discharge	arge
		Јап	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.	Rainy	Dry	m <sup>3</sup> /s	Date	m <sup>3</sup> /s	Date
1;	1980	140	118	228	206	548	498	420	1,100	1,840	1,230	850	357	67.79	836.5	210.8	2,480	12/09	0.96	23/02
Ť	1981	145	109	134	158	456	464	638	484	1,020	1,020	490	243	449.3	595.0	157.8	1,850	23/09	93.9	20/02
Ť	1982	107	113	117	121	329	1	ı	720	ı	-	532	161	-	-	191.8		1	78.5	02//02
=	1983	89.7	81.3	92.1	92.5	175	383	142	124	439	423	187	190	201.6	245.7	113.3	1,000	56/09	70.9	20/02
=	1984	93.8	79.5	8.06	152	388	782	1,100	1,390	1,200	1,050	457	245	585.7	814.9	127.3	2,090	26/07	73.5	12/02
1.	1985	130	103	124	219	297	645	309	1,270	1,640	726	433	190	524.3	718.1	136.8	1,860	19/08	81.1	16/02
11	1986	97.5	75.7	87.2	92.3	210	352	144	148	540	705	458	131	253.4	331.2	6.76	1,080	04/10	64.4	11/04
1;	1987	85.3	91.7	150	176	222	409	347	996	1,560	1,360	490	234	507.6	691.3	140.3	2,120	60/0£	76.9	22/01
Ť	1988	104	101	171	194	270	930	723	416	1,600	1,370	1	ı	1	682.9	-	2,230	02/10	85.4	25/01
ři	1989	122	91.4	120	131	173	574	635	839	1,690	1,760	'	1	,	725.3	1	2,430	19/09	84.9	20/92
Ħ	1990	1	1	1	1	ı	ı	ı	•	ı	831	•	١	1	ı	1	- · - I	,	,	•
#	1991	,	,	206	206	618	793	726	206	1,020	811	482	295	t	670.3	-	1,530	20/90	•	ı
ř	1992	9.96	90.7	89.3	143	258	498	269	188	456	703	461	176	285.7	372.0	113.2	1,190	25/09	72.2	03/02
ĭi	1993	100	86.1	101	103	146	350	206	243	1,160	1,270	516	219	375.0	499.3	126.5	1,790	22/09	71.8	02//02
Ť	1994	107	104	110	146	319	559	221	392	1,210	2,030	1280	298	564.7	9.69.	154.8	2,480	12/10	81.1	16/03
11	1995	144	85.3	180	308	458	616	459	921	1,520	1,550	160	44	670.9	824.0	214.6	2,200	02/10	78.5	13/02
1;	1996	194	157	198	307	442	681	1,100	924	909	1,020	532	400	572.0	739.4	237.3	ı	,		ı
B	m3/s	117.1	99.1	137.4	172.2	331.8	570.9	495.9	6.929	1,186.9	1,129.1	566.3	256.3	478.3	641.3	152.5	2,480	12/10/94	64.4	11/4/86
Veia	MCM	313.6	239.7	368.0	446.3	888.7	1,479.8	1,328.2	1,813.0	3,076.4	3,024.2	1,467.8	686.5	15,132.2	13,524.4	1,607.8		•		
V	mm	10.9	8.3	12.8	15.5	30.9	51.4	46.1	63.0	106.8	105.0	51.0	23.8	525.4	469.6	55.8				-
$m^3/s/$	$m^3/s/100 km^2$	0.41	0.34	0.48	09:0	1.15	1.98	1.72	2.35	4.12	3.92	1.97	68'0	1.66	2.23	0.53				

RIVER	ER			: CAVALLY	TTX							CATCH	CATCHMENT AREA	REA			••	4,670 Km <sup>2</sup>	$\mathrm{Km}^2$	
STA	STATION			: TOUL	: TOULEPLEU (SAIHIBLI)	(SAIHIE	(LI)					ALTITUDE	DE				••		E	
BASIN	Z			: CAVALLY	TTX															
	-							Меап	Discharge (m <sup>3</sup> /s)	;e (m <sup>3</sup> /s)							Maxi	Maximum	Min	Minimu
<del>-</del>	A.D.	Dry S	Dry Season				Rainy	Rainy Season				Dry Season	eason	Annual	Season	ion	Discl	Discharge	Discl	Discharge
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.	Rainy	Dry	m <sup>3</sup> /s	Date	m³/s	Date
	1980	13.6	69.7	9.45	10.5	24.6	43.7	72.7	258		200	7.62	32.8	-		33.4	1		5.55	19/02
	1981	14.0	8.35	8.71	15.0	34.5	29.2	6.68	158	172	143	58.7	23.3	62.9	81.3	26.1	214	19/09	5.25	05/03
	1982	12.0	8.02	9.95	9:38	30.1	65.1	57.1	124	199	94.8	52.4	17.1	56.6	73.7	22.4	212	24/09	4.01	09/05
	1983	5.92	3.54	2.21	3.75	7.92	23.9	28.8	71.1	143	140	36.0	17.0	40.3	52.6	15.6	213	01/10	1.17	20/03
	1984	6.07	2.84	4.08	7.08	26.8	43.6	113	126	174	104	45.8	19.7	56.1	74.8	18.6	205	03/00	1.83	28/02
	1985	8.39	3.74	5.49	69'9	16.0	32.3	116	194	258	214	49.6	20.8	77.1	105.3	20.6	319	08/10	2.23	23/02
	1986	29.9	3.41	4.21	4.38	13.3	21.8	29.4	53.1	120	113	9.62	19.0	39.0	44.9	27.2	196	27/09	3.11	16/02
	1987	8.33	4.04	4.16	5.00	ı	16.2	33.5	76.0	221	211	56.3	24.6		1	23.3	304	02/10	2.63	22/04
1	1988	89.8	3.86	4.06	-	8.92	32.3	112	133	-	193	9'59	34.1	•	ı	28.1	ı	1	2.98	25/02
1	1989	11.3	5.80	8.09	8.96	12.2	19.7	57.5	150	366	169	4.89	26.8	67.0	86.4	28.1	289	19/09	3.53	01/03
	1990	12.7	5.15	4.48	9.47	23.5	31.0	84.8	91.6	181	161	93.6			73.4	ı	209	10/10	2.50	26/03
1	1991		-	,	,	•	•	•	-	•	127	81.1		1	1	r	t	,	,	1
1	1992	t	t	,	,	•	•	95.5	138	141	158	70.9	25.1	•	1	-	192	04/10	ı	•
=	1993	11.5	4.72	8.91	9.90	21.3	47.9	55.0	112	167	148	72.7	26.8	57.1	71.3	28.9	197	27/09	3.50	02/03
1	1994	9.85	96.90	5.94	7.98	17.5	33.1	-	113	t	,	•	,	-	1	1	1	,	3.67	17/02
T	1995	17.9	5.79	10	15.4	26.9	50.7	81.6	177	329	324	146	54.7	103.2	126.8	56.1	374	06/10	3.39	24/02
I	1996	26.2	27.9	17.9	21.3	18.8	79.8	194	193	306	366	101	64.6	118.0	149.6	54.9	1	1	-	
98ි	m3/s	11.5	6.8	7.2	9.6	20.2	38.0	81.4	135.5	205.9	179.1	71.7	29.0	66.3	84.6	29.8	374	9/10/95	1.17	20/3/83
veta	MCM	30.8	16.5	19.3	24.9	54.1	98.5	218.0	362.9	533.7	479.7	185.8	77.7	2,101.9	1,746.9	355.0		- " "		
¥	mm	6.6	3.5	4.1	5.3	11.6	21.1	46.7	7.77	114.3	102.7	39.8	16.6	450.1	374.1	76.0				
л <sup>3</sup> /s/	$\mathrm{m}^3/\mathrm{s}/100\mathrm{km}^2$	0.25	0.15	0.15	0.21	0.43	0.81	1.74	2.90	4.41	3.84	1.54	0.62	1.42	1.81	0.64				
Note: Source	Note: "-" means data not available Source: Director of Water	ıta not avai f Water	lable		•															

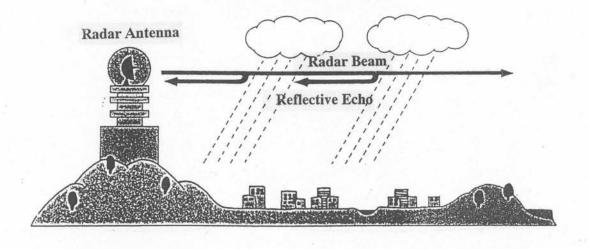
RIVER	<u></u>			: NIOU	LO (ODR	NIOULO (ODRENISROU)	<u>(</u> 2)					САТСН	CATCHMENT AREA	3EA			"	106 Km <sup>2</sup>	Km <sup>2</sup>	
STATION	NOI			: TIEO	TIEOULEOULA	<b>Y</b>						ALTITUDE	DE				••		E	
BASIN	Z			: CAVALLY	TLY															
								Mean ]	Discharge (m³/s)	e (m³/s)							Maxi	Maximum	Minimu	imu
<b>Y</b>	A.D.	Dry S	Dry Season				Rainy	Rainy Season				Dry S	Dry Season	Annual	Season	on	Discl	Discharge	Discharge	arge
	-	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.	Rainy	Dry	m <sup>3</sup> /s	Date	m <sup>3</sup> /s	Date
15	1980	0.219	0.203	1.00	1.10	2.23	1.82	1.59	3.87	4.86	2.38	1.87	0.751	1.8	2.4	8.0	17	60/60	0.020	11/02
)   	1981	0.165	0.039	0.036	0.259	0.989	2.47	1.78	1.74	3.70	3.66	2.21	0.567	1.5	1.8	0.7	14	21/09	0	19/04
15	1982	0.119	0.589	0.235	0.099	2.04	3.61	1.07	2.82	0.752	1.68	1.29	0.347	1.2	1.5	9.0	15	29/05	0	14/02
11	1983	0.033	0.006	0.005	0.028	0.275	1.52	0.165	0.024	0.941	1.07	0.293	0.105	0.4	0.5	0.1	6	19/10	•	22/03
15	1984	0.005	0	0.079	0.590	3.07	3.77	4.98	4.16	5.09	5.38	1.89	1.08	2.5	3.4	0.7	17	02/10	0	23/02
15	1985	0.757	0.388	-	•	1	2.71	1.15	6.18	7.29	2.50	9660	0.282	t		9.0	27	04/09		1
15	1986	0.082	290'0	0.097	0.221	0.627	0.570	0.648	0.169	3.68	4.78	1.15	0.265	1.0	1.3	0.4	23	18/09	•	16/04
1,5	1987	0.166	0.452	0.544	0.265	1.06	1.18	2.10	2.58	10.3	4.42	0.931	0.602	2.1	2.8	0.5	26	60//0	0.004	19/04
15	1988	0.178	0.177	0.249	0.264	0.318	3.65	1.66	1.28	3.26	2.29	1.79	0.280	1.3	1.6	9.0	20	25/06	0.062	07/04
19	1989	9/0.0	0.018	0.084	0.638	0.301	1.24	1.66	5.06	5.46	6.43	1.34	0.722	1.9	2.6	0.5	26	29/08	0	31/01
15	1990	0.338	0.199	0.080	0.140	0.667	0.572	0.238	0.145	3.46	2.71	3.05	0.976	1.0	1.0	1.1	19	21/11	0.014	30/03
15	1661	0.411	0.310	0.452	0.485	1.98	1.69	1.40	3.33	4.43	3.45	1.56	0.862	1.7	2.2	8.0	19	04/06	0.226	25/02
16	1992	0.521	0.768	0.613	1.48	1.04	1.81	0.695	0.444	1.61	1.59	1.52	0.894	1.1	1.2	6.0	14	20/11	0.132	09/11
15	1993	0.331	0.284	0.238	0.337	0.401	1.06	0.236	0.157	5.01	5.56	1.46	0.394	1.3	1.6	9.0	19	12/10	0.042	07/04
11	1994	0.244	0.180	0.249	0.361	0.456	0.750	0.257	0.593	4.14	7.08	3.87	0.636	1.6	1.7	1.2	26	01/10	0.105	10/02
15	1995	0.337	0.149	1.250	0.470	1.170	1.890	0.957	4.240	5.65	7.99	2.01	2.050	2.3	3.0	1.1	22	02/10	0.12	21/02
15	1996	1	•	•	1	1	1	-	ı	ı	t	ı	•	•	•	-	•	1	1	
- 9g	m3/s	0.2	0.2	0.3	0.4	1.1	1.9	1.3	2.3	4.4	3.9	1.7	0.7	1.5	2.0	0.7	27	4/9/85	0	
veta	MCM	0.5	0.5	0.8	1.0	2.9	4.9	3.5	6.2	11.4	10.4	4.4	1.9	48.4	39.3	9.1				
¥	шш	4.7	4.7	7.5	9.4	27.4	46.2	33.0	58.5	107.5	98.1	41.5	17.9	456.6	370.8	85.8				
m <sup>3</sup> /s/]	m <sup>3</sup> /s/100km <sup>2</sup>	0.19	0.19	0.28	0.38	1.04	1.79	1.23	2.17	4.15	3.68	1.60	99.0	1.45	1.84	99.0				
Note: " Source:	Note: "-" means data not a Source: Director of Water	Note: "-" means data not available Source: Director of Water	ilable				:													

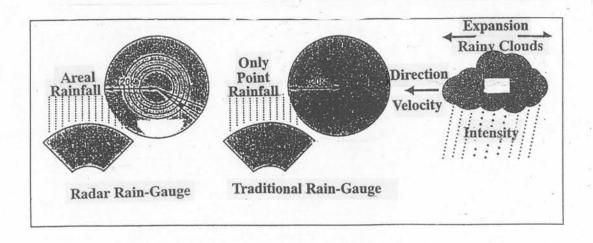
STATION BASIN	N																			
BASIN			-	: VONKORO	ORO				٠			ALTITUDE	DE				••		н	
				: VOLTA	ار															
								Mean I	Discharge (m³/s)	; (m <sup>3</sup> /s)							Maxi	Maximum	Minimu	nui
A.D.			Dry Season	ason				Rainy S	Season			Dry Season	eason	Annual	Season	uot	Discl	Discharge	Discharge	ıarge
	Ĭ	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.	Rainy	Dry	m³/s	Date	m³/s	Date
1980	_	10.7	5.98	3.29	4.01	12.9	ı	ı		825	229	88.8	21.7		,	22.4	1,020	13/09	1.79	04/04
1981		7.94	4.10	2.82	3.14	16.8		1	255	313	122	33.3	10.1		ı	10.2	371	25/09	1.24	23/04
1982		4.90	3.17	3.21	12.2	32.0	35.5	60.5	142	258	6.06	46.1	13.5	58.5	103.2	13.8	349	15/09	1.46	27/03
1983		9.43	6.64	4.37	3.43	17.8	37.3	72.9	152	164	45.5	68.6	2.82	43.8	81.6	6.1	354	14/08	1.94	31/12
1984		1.36 (	0.157	0	0.302	30.9	68.3	57.4	88.3	134	103	9.18	1.71	41.2	80.3	2.1	275	15/09	•	06/04
1985		0.127	0	•	0.027	7.56	59.8	233	618	706	259	51.5	24.8	163.3	313.9	12.7	772	16/09	•	29/03
1986		3.59 (	0.661	0.025	0	7.31	44.5	82.3	221	556	260	63.9	19.0	104.9	195.2	14.5	703	16/09	•	04/05
1987		4.93	3.67	2.19	1.71	0.907	53.7	55.2	494	573	236	28.0	8.72	121.8	235.5	8.2	787	60/50	0.368	31/05
1988		2.87	1.68	1.07	5.06	13.7	26.1	166	274	8/9	367	0.89	40.3	137.0	254.1	19.8	818	58/08	0.584	25/03
1989		5.91	5.72	4.61	7.57	7.06	9.37	210	513	•	•	418	71.2	t	-	85.5	-		1.68	20/03
1990		13.2	8.03	2.61	0.659	0.015	11.0	69.1	138	-	50.7	• :		1	-		t	Ł	0	90/10
1991		•	1	1	8.80	47.1	160	120	383	624	212	67.5	40.2		257.7	1	835	31/08	1	ı
1992		14.7	5.60	2.45	3.92	14.1	60.2	81.6	111	315	100	33.4	20.5	63.5	113.7	13.4	470	18/09	0.910	08/04
1993		6.35	3.27	3.57	1.36	4.12	ı	125	369	449	ı	•	20.8		1	•	745	60/90	0	23/05
1994		3.72	1.72	1.23	2.21	11.3	39.6	114	289	629	653	241	6.09	170.6	289.3	51.8	843	59/06	1.02	17/03
1995		44.6	33.6	25.8	8.19	21.3	47.5	125	296	288	195	40.1	9.63	94.6	162.1	27.0	413	05/00	6.55	15/04
1996			-	-	-	-	-	-	-	•	1	•	1	1	1		-	-	-	1
	m3/s 9.	0.6	5.6	3.8	3.9	15.3	50.2	112.3	289.6	465.1	208.8	85.6	24.4	106.1	190.2	22.1	1,020	13/9/80	0	
Vera V	MCM 24	24.1	13.5	10.2	10.1	41.0	130.1	300.8	775.7	1,205.5	559.2	221.9	65.4	3,357.5	3,012.3	345.2				
	mm 0.	0.2	0.1	0.1	0.1	0.4	1.2	2.7	7.0	10.8	5.0	2.0	0.6	30.1	27.0	3.1				
$\mathrm{m}^3/\mathrm{s}/100\mathrm{km}^2$		0.01	0.01	0.003	0.003	0.01	0.05	0.10	0.26	0.42	0.19	0.08	0.02	0.10	0.17	0.02				
Note: "." n Source: Di	Note: "." means data not available Source: Director of Water	not availa 'ater	tble																	



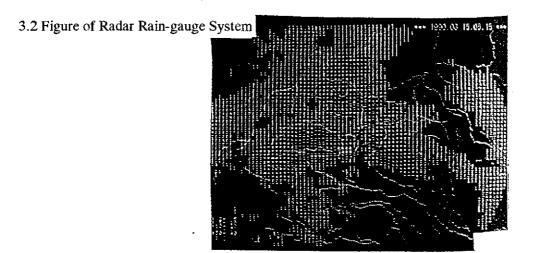


Radar Rain-gauge Station

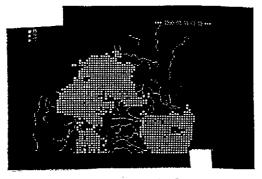




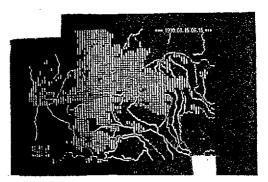
Radar Rain-Gauge System



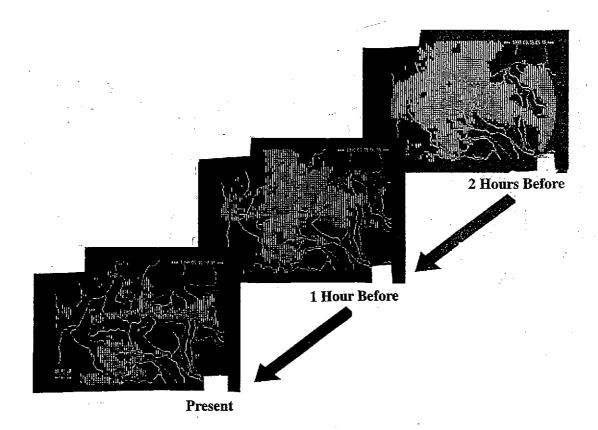
Display by Radar-Rainfall



**Qualitative Display** 



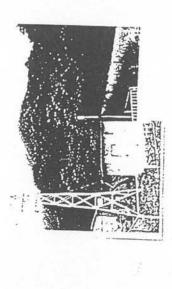
Quantitative Display



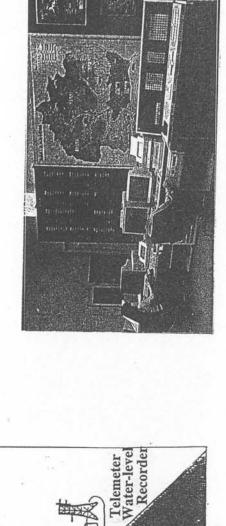
Radar Rain-Gauge System

Dam Management Office

Meteorological Observatory



Telemetric Rain-Gauge Station



Information Management Room



Management on River Runoff and Dam

U:U;

Management Office

Radar Rain-Gauge

#### Representative Zonal Average Rainfall (A.D. 1980-1996)

(Unit: mm) Dry Season Rainy Season Climatic Rain-Gauge Station Dry Annual Rainy Dry Apr. May June July Aug. Sept. Oct. Nov. Feh Mar Dec Classification | No. | Name Jan. Season Season 18.0 25.1 102.9 141.9 295.4 453.5 120.2 73.5 156.5 137.4 207.3 1 Abidjan Aero 36.8 61.3 1.622.5 1.415.2 22.5 46.6 122.6 163.4 200.5 298.6 105.2 151.5 199.1 1.634.4 1.398.2 236.2 3 Aboisso 173.6 106.3 44.5 62.5 124.2 266.8 379.5 62.4 120 4 174 1 108.5 517 1 651 3 1 387 2 264 1 4 Adiake 52.7 97.2 1513 168.0 33.6 104.4 148.2 151.4 244.0 125.7 68.8 131.3 159.7 56.0 20.1 1.253.1 1.085.1 5 Adzope 9.9 6 Agboville 53.8 1,482.7 1.229.9 252.8 8 Alepe 22.6 51.3 125.1 142.5 233.7 297.3 128.7 54.1 100.9 151.7 121.0 21.7 46.0 143.8 138.9 199.0 243.3 56.6 129.8 165.7 115.3 55.1 1.442.4 1.175.8 266.6 9 Azaguie 127.2 226.3 21 Divo 88 64.5 110.0 155.1 155.6 199.7 96.6 78.3 113.5 135.3 84.6 43.0 1.245.0 1.018.7 Attie 23 Fresco 180.6 100.9 154.1 31.8 1.348.1 1.117.7 230.4 Climatic 24 Gagnoa 11.5 58.7 128.4 175.9 187.6 84.2 152.5 81.9 25 Grand-Lahou 13.3 46.4 85.4 104.9 203.8 370.6 171.6 47.0 67.1 129.0 109.3 38.2 1.386.6 1.203.3 183.3 Zone 120.5 26 Grand Bereby 12.6 13.2 43.6 89.9 327.3 297.8 123.1 96.2 74.7 91.1 124.5 51.1 1.345.1 1.224.6 198.0 182.3 221.6 27 Guiglo 16.2 53.9 118.3 169.9 178.3 156.1 218.5 245.7 46.9 33.2 1.617.3 1.395.7 122.9 178.1 99.3 68.0 36.1 1,169.7 915.4 254,3 30 Lakota 15.9 83.0 119.3 144.9 84.2 73.7 144.3 38 Sassandra 98.5 1,260,8 1,113.1 147.7 10.7 24.4 44.8 99.4 265.6 304.8 141.1 47.9 40.3 115.5 67.8 40 Soubre 68.2 130.1 191.2 98.2 150.2 152.5 159.6 85.5 34,4 1,366,7 1,125.2 241.5 15.5 123.4 157.9 41 Tabou 42.2 28.7 135.9 521.1 205.6 193.1 268.3 191.3 154,4 2,338.4 2,091.4 247.0 63.1 421.7 113,0 42 Tai 75.3 188.5 189,7 231.5 151.4 265.0 318.4 273,9 115.8 44.8 2,092.5 1,772.7 319.8 11.2 227,0 41.7 123.6 121.3 213,7 137.0 213.3 301.2 156.4 62.0 31.4 1,603.2 1,392.0 211.2 47 Toulepleu 14.5 187.1 47.8 108.5 138.5 223.7 282.5 133.9 109.9 149.6 160.1 99.6 47.7 1,521,2 1,297.8 223.4 Rain-Gauge Station Dry Season Rainy Season Dry Season Annual Rainy Dry Classification No. Jan, Feb. Mar. Apr. May June July Aug. Sept. Nov. Season Season 2 Abengourou-Ircc 7.6 47.6 132.6 144.1 | 184.5 | 197.8 | 139.0 92.5 139.6 156.3 43.2 31.2 1,316.0 1,053.8 262.2 7 Agnibilekro 4.6 37.8 109.3 144.3 151.7 177.1 107.9 74.4 144.1 119.3 38.2 17.0 1,125.7 918.8 206.9 10 Beoumi 78.9 106.7 127.5 103.3 131.7 162.3 172.6 105.6 26,6 7,3 1,070.4 909.7 160.7 6.2 41.7 11 Bocanda 7.2 40.6 99.0 132.7 145.9 140.7 80.2 85.9 143.6 119,1 39.9 9.7 1,044.5 848.1 196.4 13 Bongouanou 5.9 39.8 114.5 129.3 149.8 186.1 102,9 91.6 114.3 149,5 40.8 11.0 1,135.5 923.5 212.0 14 Bouafle 9.2 53.7 108,1 144.8 159,5 136.3 105.4 135.4 156.2 102,7 43.5 10.7 1,165.5 940.3 225.2 15 Bouake (Aero) 9.3 37.7 74.6 134,7 133.0 111.1 135.3 159.6 161.7 91.2 29.9 8.1 1,086.2 926.6 159.6 19 Daola Agricole 6.6 57.1 108.1 123,4 125.8 109.1 112.7 174.0 176.9 127.4 41.4 20.4 1,182.9 949.3 233.6 210.9 Baoule 20 Dimbokro 11.1 40.5 104.7 119.0 | 163.0 | 167.4 83,9 80.0 113.2 139.2 40.9 13.7 1,076.6 865.7 103.5 | 138.1 | 105.7 Climatic 28 Katiola 7.0 20.0 63.0 125,1 140.6 160.4 93.3 22.3 4.8 983.8 866.7 117.1 154.6 950.9 163.7 Zone 32 Mankono 9.7 39.8 76.0 126.8 120.0 114,1 160.9 172.8 101.7 18.4 19.8 1,114.6 105.0 156.6 130,1 83.7 132.6 991.8 173.6 33 M'bahiakro 4.2 37.5 88,5 113,9 96.3 26.4 17.0 818.2 37 Oume 9.6 142.6 141.0 140.5 78.3 85.9 111.0 130.6 54.3 24.2 1,064.6 829.9 234.7 48.3 98.3 36.3 67,3 90.4 115.3 126.6 124.0 175.7 163.6 100.8 40.1 1,073.3 896.4 176.9 39 Seguela 17.3 15.9 45 Tiebissou 9.3 40.2 91.1 135.1 148.3 132.3 123.0 149.6 137.2 90.9 21.9 9.6 1.088.5 916.4 172.1 1,023.3 45.4 48 Toumoukoro 3.0 10.7 25.3 62.6 101.3 155.6 219.4 240.8 171.1 72.5 3.2 3.2 1,068.7 191.2 99.3 25.0 1,113.4 208.9 49 Vavoua 19.6 39.2 113.2 121,7 125,2 105,1 108.1 153.9 11.9 904.5 142.3 1,094.0 190.1 50 Yamossoukro Ville 6.3 44.2 104.1 123.8 171.8 155.1 107.3 87.6 116.0 30.4 5.1 903.9 97.2 27.3 1,036.9 853.0 183.9 51 Zouenoula 4.4 46.6 88.3 128.4 104.6 101.6 108.9 142.0 170,3 17.3 Average 91.8 122.0 140.2 136.6 119.4 131.0 150.3 111.0 32.3 13.6 1.096.5 910.5 186.0 40.0 Rain-Gauge Station Dry Season Rainy Season Dry Season Climatic Annual Rainy Dгу Classification May July Nov. Season Season No. Name Jan. Mar Aug. Oct Арг 12 Bondoukou 10.1 21.1 81.4 133,1 161,2 165.8 119.4 95.7 179.1 117.2 25.7 12.1 1,121.9 838.4 283.5 16 Bouna 4.1 9.5 40.1 77.9 123.0 112.5 160.7 155.5 184.2 89.9 24.3 6.3 988.0 825.8 162.2 17 Boundiali 0.7 11.2 57.5 79.5 107.4 151.4 250.9 303.8 185.0 125.5 17.6 5.7 1,296.2 1,124.0 172.2 225.6 18 Dabakala 3.6 15.8 59,1 119.8 115.0 106.9 109.4 139.6 150.2 98.3 16.7 10.6 945.0 719.4 22 Ferkessedougou 0.6 18.9 39.1 96.9 103.5 164.1 166.7 247.0 183.6 70.3 21.6 1.6 1.113.9 935.2 178.7 Sundanese Climatic 29 Korhogo Aero 7.5 12.1 57.3 82.6 132.5 134.5 206.7 246.9 212.0 94.3 19.7 5.9 1.212.0 1.026.9 185.1 Zone 34 Minignan 1.1 10.9 28.4 77.4 134.1 142.4 279.0 323.5 216.0 94.5 15.1 1.9 1.324.3 1.189.5 134.8 138.3 35 Odienne 4.3 9.4 26.1 72.3 108.9 135.1 247.9 303.7 212.5 119.7 21.6 1,266,1 1.127.8 174.5 255.6 1,031.9 905.6 126.3 36 Ouangolodougou 1.7 3.2 24.2 72.1 95.6 136.5 150.2 93.2 21.5 3,6 49.3 92.5 121.4 225.2 288.8 154.3 4.4 0.0 980.5 931.5 49 N 43 Tengrela 0.0 6.4 10.6 27.6 Average 3.4 11.9 42.4 83.9 117.4 137.1 194.0 236.0 182.7 95.2 18.8 5.2 1,128.0 962,4 165.6 Rain-Gauge Station Dry Season Rainy Season Dry Season Rainy Dry Climatic Apr. | May No. Jan Feh June July Aug. Sept. Oct Nov. Dec Season Season Classification Name Маг 32 9 93.8 Mountainous 31 Man-Aero 5.9 38.4 112.4 145,7 144,7 168,7 219,6 313.5 274.9 138.6 16.6 1.611.9 1.518.1 73.8 | 112.6 | 167.6 | 146.4 | 162.4 | 251.2 | 206.8 | 100.5 19.5 7.5 1,286,4 65.1 Climatic 46 Touba 7.6 30.5 1,221,3 93,1 | 129,2 | 156,2 | 157,6 | 191.0 | 282.4 | 240.9 | 119.6 | 26.2 12.1 1,449.2 1,370.0 79.2 6.8 Zone Average 34.5

Note: "-" means data not Available

#### Representative Zonal Average Rainfall in A.D. 1983

(Unit: mm) Climatic Rain-Gauge Station Dry Season Rainy Season Rainy Dry Annual Drv Classification No. Name Jan. Feb. Mar. Mav June July Aug. Sept. Oct. Nov. Dec Apr. Season Season 1 Abidjan Aero 0.0 0.4 20.5 156.8 425.5 622.0 10.3 16.5 17.6 43.6 127.6 63.7 1.504.5 1,419.9 84.6 3 Aboisso 0.0 1.2 46.1 262.8 407.6 58.5 124.0 94.2 40.3 126.9 1,317.8 1,125.7 192.1 4 Adiake 0.0 25.3 92.8 124.9 632.1 582.9 56.5 0.0 0.0 37.7 101.0 37.7 1,690.9 1,535.1 155.8 5 Adzope 0.0 27.0 4.0 111.2 174.3 175.5 7.0 62,1 80.7 54,1 11.0 664.9 42.0 6 Agboville 8 Alepe 0.0 13.4 10.6 72.2 278.2 241.0 16.4 15.7 114.8 95.9 131.6 1.044.6 889.0 155.6 77,6 306,6 125.6 9 Azaguie 0.0 35.0 110.0 227,3 34.1 14.7 21.7 50.7 64.7 1.068.0 890.7 177.3 21 Divo 0.0 59.5 84.0 95.3 91.1 159.3 27.6 11.6 28.7 113.0 70.1 141.0 881.2 596.7 284.5 Attie 23 Fresco Climatic 24 Gagnoa 0.0 30.4 126.2 197.6 244.0 272.7 43.3 20.8 27.7 64.5 196.0 96.1 1,319.3 1.066.6 252.7 25 Grand-Lahou Zone 0.0 8.0 80.2 309.0 282.6 24.9 18.4 55.3 15.5 43.4 60.1 829.3 26 Grand Bereby 0.1 16.2 39.4 36.0 582.6 176.6 44.0 54.6 28.9 57.5 207.0 59.2 1.302.1 1.187.2 27 Guiglo 2.0 23.3 32.4 96.8 341.4 245.0 62.1 67.6 257.8 45.2 41.0 90.3 1.304.9 1.156.9 148.0 30 Lakota 0.0 27.8 52.1 136.7 173.8 234.1 44.9 18.9 24.5 126.9 83.0 95.7 1.018.4 842.8 175.6 38 Sassandra 0.0 10.0 25.5 93.7 474.4 162.4 4.2 43.5 29.6 10.9 107.7 121.2 1,083.1 926.4 156.7 40 Soubre 0.0 70.4 231.8 131.1 172.7 219.6 53.0 61.0 79.8 101.1 68.6 64.0 1,253.1 886.9 366.2 41 Tabou 102.2 0.0 12.5 23.6 1,094.0 271.8 55.3 90.2 139.2 143.2 196.0 1,817.3 42 Tai 27.3 79.1 213.8 248.7 59.0 167.0 954.9 0.1 84.2 123.8 58.4 16.1 47 Toulepleu 0.0 35.5 42.5 28.8 209.5 225.2 23.9 92.4 272.4 52.3 40.9 45.6 1,069.0 945.4 123.6 Average 0.1 24.9 67.8 96.3 347.4 284.3 39.8 38.3 85.4 74.3 87.5 83.6 1,229,7 1,053.3 176.4 Climatic Rain-Gauge Station Dry Season Rainy Season Dry Season Annual Rainy Dry Aug. Classification No. Name Jan. Feb Mar Арг. May June July Sept. Oct Nov. Dec Season Season 2 Abengourou-Ircc 0.0 21.8 17.7 82.3 327.4 250.3 35,7 19.5 117.0 26.5 15,3 181.5 1,095.0 858,7 236.3 7 Agnibilekro 0.0 46.2 30.0 136.7 127.8 163.9 28.1 0.0 83.2 0.02.4 50.3 668.6 539.7 128.9 108.1 10 Beoumi 0.0 11.5 35.5 145.0 67.3 17.2 36.4 73.6 19.7 12.0 3.0 529.3 467.3 62.0 25.2 89.2 168.2 11 Bocanda 0.0 50.9 39,1 57.6 322.3 102.9 0.0 10.4 50.8 27.4 775.8 607.6 13 Bongouanou 0.0 63.9 24,1 158.3 224.9 276.1 0.08.9 62.1 23.8 56,6 19.5 918.2 754.1 164.1 302.9 78.5 14 Bouafle 0.0 4.0 41.8 156.3 93,2 33,1 3.0 142.5 8.7 28.6 4.1 818.2 739.7 0.0 17.7 143.1 282.8 67.3 23.9 98.9 3,1 50.9 15 Bouake (Aero) 8.2 56.7 12.3 12.7 726.7 675.8 0.0 36.0 35.1 56.6 120.0 23.8 74.3 184.9 107.2 79.7 498.7 19 Daola Agricole 39.1 58.2 838,6 20 Dimbokro 0.0 30.0 48.4 119.1 290.5 353.5 1.4 11.5 12.1 38.7 967.8 129.2 Baoule 4.4 628,3 553.3 75.0 Climatic 28 Katiola 0.0 0.0 19.4 85.6 147.3 60.6 69.0 95.7 81.1 14.0 36.5 19.1 32 Mankono 0.0 90.7 108.6 Zone 0.0 58.2 111.8 48.0 30.2 82.5 141.8 13.5 23.6 26.8 627.1 518.5 33 M'bahiakro 24.3 120.3 162.6 79.7 735.3 641.0 94.3 0.0 27.5 239.6 23.4 4.0 11.4 29.6 12.9 37 Oume 0,0 13,9 55,0 124.4 122,3 157,1 32.8 18.8 73.6 90,0 10,2 30.9 829.0 619.0 210.0 39 Seguela 115.6 57.4 52.7 53,6 117.8 57.5 18.0 48.4 454.6 45 Tiebissou 84.7 10.6 19.2 77.6 1.9 31.6 6.0 194.0 48 Toumoukoro 0.0 49 Vavoua 0.0 12.0 15.5 118.6 121.0 54.1 48.5 17.8 172.6 92.6 36.3 53.0 742.0 625.2 116.8 50 Yamossoukro Vill-0.0 0.0 23.9 112.1 142.9 20.2 0.0 103.7 35.0 65.9 23.2 839.3 726.3 113.0 51 Zouenoula 0.0 2.2 37.6 92.5 62.3 14.8 5.1 139.0 45.4 7.1 20.6 426.6 359.1 67.5 Average 640.5 126.2 0.0 24.1 29.1 111.5 211.5 129.1 27.4 27.6 105.4 36.5 36.5 766.7 Climatic Rain-Gauge Station Dry Season Rainy Season Dry Season Annual Rainv Drv Classification No. Name Feb. July Aug. Jan Маг Apr. May Sept. Nov. Dec Season Season 12 Bondoukou . . 0.0 . . 16 Воила 0.0 0.0 0.0 50.3 121.7 117.2 93.8 84.8 229.4 17.5 6.9 646.9 74.7 0.0 721.6 17 Boundiali 0.0 18.7 0.0 68.6 54.0 167.8 167.9 163.2 89.5 69.0 34.7 3.2 836.6 711.4 125.2 18 Dabakala 0.0 0.0 0.0 143.5 35.0 21.7 35.7 8.8 31.7 0.0 2.8 52.2 331.4 132.9 198.5 Sudanese 22 Ferkessedougou 0,0 26.8 3.9 76.0 52.8 138.6 124.0 236.0 189.3 2.8 20.6 10,6 881,4 743.5 137.9 3,2 2.1 708.3 127.3 Climatic 29 Korhogo Aero 0,0 41.8 48,7 98.0 205.4 144.6 103,9 154,3 29.3 4,3 835,6 0.0 125.7 200.1 316.2 217.6 126,3 Zone 34 Minignan 0.0 0.6 82,0 163,0 35.8 0.0 0.0 1,141.0 1,014,7 26,5 45.4 184.5 240.3 209.9 147.7 898.5 139.7 35 Odienne 0.0 0.0 81.0 70.7 28.8 3,4 1,038,2 16.9 47.3 131.8 196.6 135.8 552.7 533.6 19.1 36 Ouangolodougou 0.0 4.5 2.0 4.5 5.2 8.1 0.0 43 Tengrela 0.0 Average 0.0 14.9 1.1 74.8 63.2 | 130.7 | 142.3 | 164.9 | 149.4 23.2 17.7 10.1 792.3 673.7 118.6 Dry Season Rainy Season Dry Season Rainy Climatic Rain-Gauge Station Dry Annual Classification Feb June July Dec. No. Name Jan. Mar. Арг. May Aug. | Sept. Oct. Nov. Season Season Mountainou 31 Man-Aero 0.0 64.4 33.5 121.2 102.5 125.5 74.5 187.2 404.5 117.9 17.3 1.5 1.250.0 1.166.8 83.2 Climatic 46 Touba 156.2 82.3 224.2 151.8 59.2 25.7 4.6 673.7 Average 33.5 121.2 102.5 140.9 78.4 205.7 278.2 1,049.0 89.0 Zone 0.0 | 64.4 88.6 21.5 3.1 1.138.0

Note: "-" means data not Available

# 1.3 Probable Rainfall

## Probable Exceed And Non-exceed Rainfall for the Four Climate Zones

Climatic	Rain-Gauge Station		Probable	Non-Ex	ceed Rain	fall (mm)	1	P	robable E	xceed Ra	infall (m	m)
Classification		2-year	5-year	10-year	20-year	50-year	100-year	2-year	5-year	10-уеаг	50-year	100-year
	1 Abidjan Aero		1,329.4	1,214.6	1,135.2	1,063.8	1,026.6	1,591.4	1,885.5	2,060.7	2,409.3	2,546.1
	3 Aboisso	1,635.1	1,381.0	1,254.8	1,157.9	1,060.1	1,002.8	1,619.4	1,879.9	2,027.4	2,306.2	2,410.3
	4 Adiake		1,354.1			1,225.9		1,562.2		2,001.1		2,550.6
	5 Adzope	1,248.7	1,020.5	912.0	831.4	752.9				1,602.9	1,793.0	1,855.2
	8 Alepe	1.542.5			1,093.7	976.1		1,537.7		1,836.9	1,986.8	2,033.3
	9 Azaguie	1,364.7	- <del></del>	<b>-</b>	-	1,005.0		1,361.6			1,729.3	1,777.7
	21 Divo	1,250.5		972.5	906.7	843.0		1,244.9		1,554.5		1,847.1
Attie	24 Gagnoa	1,340.3			1,050.2	997.3		1,344.5			1,748.7	1,803.5
Climatic	25 Grand-Lahou		1,078.9	988.6	932.8	888.6		1,318,1			2,284.1	2,486.1
Zone	26 Grand Bereby	-		-	-	-	-		•	•	-	-
	27 Guiglo	1,614.8	1,428.1	1,336.3	1,266.4	1,196.4	1,155.9	1,604.6	1,795.6	1,904.1	2,110.0	2,187.6
	30 Lakota	1,158.3		957.8	918.7	884.9		1,163.5		1,418.8	1,603.8	1,675.8
	38 Sassandra	1,254.6		997.1	949.7	910.2			1,465.6	1,612.8	-	2,087.3
	40 Soubre	1,373.8			1,100.1	1,059.0		1,379.1			1,852.3	1,926.9
	41 Tabou	2,305.3			1,588.5					3,001.0	3,518.4	3,719.2
	42 Tai	2,063.7	1,741.9	1,633.0		1,524.6		2,056.8		2,806.0	3,569.1	3,924.8
	47 Toulepleu		1,351.0		1,037.8	866.5		1,619.1		2,006.6	2,192.2	2,247.6
	Average				1,116.3	1,045.2	1,004.8	1,512.6	1,759.8	1,906.2	2,200.0	2,317.4
	2 Abengourou-Ircc		1,072.7		980.3	955.5		1,259.1		1,646.9	1,983.9	2,128.4
	7 Agnibilekro	1,125.7	929.0	830.2	753.7	675.6	629.4	1,125.2	1,319.4	1,419.2	1,586.8	1,642.9
	10 Beoumi	1,098.6	904.7	793.0	696.8	586.6		1,124.8		1,316.0		1,365.6
	11 Bocanda	1,033.7	884.9	800.7	729.1	648.4		1,025.3		1,235.8		1,388.0
:	13 Bongouanou	1,107.7	931.8	860.4	813.4	773.3		1,105.0		1,440.2		1,828.1
	14 Bouafle	1.144.9	957.8	877.0	821.4	771.5		1,144.6		1,475.8		1,813.8
	15 Bouake (Aero)	1,080.6	919.9	843.2	785.9	729.9		1,081.4		1,332.6		1,544.3
	19 Daola Agricole	1,147.5	1,043.8	1,005.9	982.9	965.0		1,041.3		1,368.4		1,640.4
	20 Dimbokro	1,079.4	953.7	888.3	836.3	781.7		1,075.2	<del></del>	-	1	1,413.4
Baoule	28 Katiola	966.2	775.8	697.6	645.6	600.9	578.7			1,323.8		1,767.2
Climatic	32 Mankono	1,124.3	-	-		924.3		1,124.8		1,400.5	1,534,5	1,574.9
Zone	33 M'bahiakro	942.1	803.4	752.1	720.6	695.9	684.6			1,234.7	1,503.5	1,621.8
	37 Oume	1,062.3	853.0	738.3	643.2	538.8	472.3	1,053.0		1,356.6	1,518.7	1,570.3
	39 Seguela	-	-	-	-		-		-	-	-	
	45 Tiebissou	<b>-</b>	-	-	-		-		-	-	-	-
	48 Toumoukoro	1,165.6	1,064.1	1,012.4	971.8	930.0	905.0	1,162.5	1,261.9	1,315.2	1,410.8	1,445.1
	49 Vavoua	1,093.9	879.5	785.2	719.2	659.1		1,084.0			1,770.6	1,891.8
	50 Yamossoukro Ville		-	-	_		-	-	-	-	-	
	51 Zouenoula	1,102.4	969.5	888.7	816.3	729.3	668.8	1,100.0	1,215.6	1,266.1	1,337.3	1,357.1
	Average	1,095.0	929.6	852.5	794.4	747.9	708.7	1,087.0	1,268.8	1,366.4	1,552.9	1,624.6
	12 Bondoukou	1,114.1	941.4	860.0	800.0	742.0	709.6	1,104.1	1,287.2	1,395.2	1,607.8	1,690.5
	16 Bouna	958.3	822.2	763.7	723.4	687.3	668.7	955.2	1,107.2	1,199.7	1,388.0	1,463.6
	17 Boundiali	1,293.0	1,105.4		940.0	867.1		1,298.9	1,479.9	1,569.7	1,716.1	1,763.8
	18 Dabakala	943.3	696.4	535.7	383.8	190.1	47.2		1,163.5			1,342.1
Sundanese	22 Ferfessedougou	T -	-		-	-	-			-	-	-
Climatic	29 Korhogo Aero	1,232.6	1,087.5	997.5	915.4	815.0	743.9	1,233.3	1,354.6	1,404.0	1,468.2	1,484.6
Zone	34 Minignan	<u> </u>	1,172.2			979.0					1,708.0	
	35 Odienne		1,086.6		946.5	888.4	<del></del>	1,247.1				1,802.9
	36 Ouangolodougou	1,033.0	843.0	727.4	623.7	498.9		1,034.1				1,367.8
	43 Tengrela	<u> </u>	-	-	-	-	-	-	-		-	-
	Average	1,144.1	969.3	874,9	796.4	708.5	650.7	1,141,5	1,310.5	1,411.7	1,536.1	1,585.1
Mountainous						1,161.9		1,608.9		_		2,135.5
Climatic	46 Touba		1,132.8		957.0	866.3		1,297.1				1,685.9
Zone	Average				1,100.5						1,860.8	
Material II II manage	a minfall data mumbana ana m		o bo onely				- 4-10	-,		1-7:	1 - 7 - 7 - 7 - 7	,

Note: "-" means rainfall data numbers are not enough to be analyzied.

## Monthly Discharge at the Control Points in 1983

																(	Unit: m³/s)
River	River		Control Point	Catchment						Mo	nth						Annual
Basin	Name	Number	Name	Area (km²)	Jan.	Feb.	Mar.	Арт.	Mar.	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
1. Sassandr	a and Surroundi	ing River	Basins														
Sassandra	Sassandra	I-C5	Dabala	16,600	24.6	19.3		11.5	19,5	45,2	66.0	181.0	249.0	89.0	37.8	17.8	69.2
		I-C4	Piebty	32,600	41.9	30.5	15.0	18.7	42,6	67.0	85.2	223.0	420.0	178.0	77.5	36.1	103.0
		I-C3	Buyo Dam *	42,250	74.1	51,6	0.0	0.0	88.2	176.7	110.0	302.2	716.5	279.7	253.8	94.9	179.3
		I-C2	Soubre	57,670	432.0	465,0	448.0	310.0	107.0	132.0	185.0	147.0	307.0	405.0	398.0	169.0	292.1
		I-C1	Gaoulou Pont	70,550	467.0	480.0	474.0	356.0	193.0	382.0	304.0	231.0	386.0	456.0	466.0	271.0	372.2
	Tiemba	I-C10	Dioulatiedougou	2,790	1.9	1.0	0.2	0.0	0.0	1.4	1.3	12.6	31,5	7.4	2,8	0.9	5,1
	N'zo	I-C8	Khin	4,310	1,9	0.9	0.5	0.7	2,5	15.2	10,6	50,7	164.0	91.3	24.8	10.2	31.1
	Bafing	I-C9	Badala (Bafingdala)	5,930	11.2	9.0	3.1	9.3	15.1	25.1	22.0	48.5	108.0	57.7	28.6	12.0	29.1
	Davo	I-C6	Dakpadou	6,625	0.1	0.0	0.5	2.6	24.0	88,5	44.2	5,9	5,2	6,5	7,5	12,4	16.5
	Lobo	I-C7	Loboville	17,838	-	_	_	_		_	-	-	-	-	-		
Cavally	Cavally	IV-C2	Toulepleu (Saihibli)	4,670	5.9	3.5	2.2	3.8	7.9	23.9	28.8	71.1	143.0	140,0	36.0	17.0	40.3
		IV-C1	Tate	28,800	89.7	81.3	92.1	92.5	175.0	383.0	142.0	124.0	439.0	423.0	187.0	190.0	201.6
San Pedro	Dodo	XI-C3	Weoulo (Ouaoulo)	640	1.3	0.6	2.0	1.4	17.2	19.6	6.4	7,3	6,4	5.6	2.7	8.2	6.6
	Тавои		Yaka	810	4.4	2.1	9,3	7,3	40,6	25,3	12.9	9,8	11.9	12.4	8.7	19.0	13.6
	Nero	XI-C2	Rte Grand Bereby	1,210	1.1	0.5	3.4	1.8	28.0	31.1	8.2	8.2	5,9	5,5	4,1	13,1	9,2
	San Pedro	XI-CI	San Pedro	3,300	24.6	32,5	9.7	12,5	32,4	70,5	18,0	21.9	26.9	19.7	23.5	20.4	26.0
Bani-Niger	Kouroukelle	VI-C5	Iradougon	1,990	4.0	2.5	0.8	0.3	0.8	2.4	7.2	44.6	42.6	19.4	6.9	2.9	11.2
Dutil Trige:	Baoule	VI-C4	Djirila	3,970		1.5	0.5	0.2	0.2	0.4	1.9	41.8	84,6	31,6	10,7	3.2	16.1
	Kankelaba	VI-C3	Debete	5,550	0.7	0.4	0,1	0,0	0,2	0.1	1.1	30.0	54.7	21.6	3.9	0.9	9.5
	Bagoe	VI-C2	Kouto Aval	4,740	2.1	0.9	0.4	0.2	0.2	0.3	0.3	15.9	47.2	10.2	2,5	0,8	6,8
	Dague	VI-CI	Papara	8,950	3.6	1.5	0.5	0.4	0.5	0.6	1.6	19.0	59.6	19,3	4,8	1.6	9.4
2 Randami	and Surroundi		·	0,550	5.0	1.0	0.0	V. T	0.0	0.0		2,740	27,0	17,0	110	1.0	
	Bandama	II-C7	Tawara Amont	5,375			_	_			_			_		_	l
Bandama	(White Bandama		Toritaya Amont	14,500	1.5	1.7	2.0	-		-	-	5.5	24.7	6.3	1.1	0.5	5.4
	(Wine Daniani	п-С6	Bada		1.3		0.9	1.4	2.7	3.5	-						6.1
		п-с4	Kossou Dam *	24,050		0,6 18.1		1.4 23.8	3.3	3.5 9.4	6.9	9.7	26.9 36.0	16.1	1.6 4.6	1.0 7.0	
		II-C3	Taabo Dam *	32,400	0.0		20.4		46.9		5,0	6.4		14.9			16.2
		II-C2	Tiassale	57,800	62,5	76.8	70,8	100,9	81,8	73.0	26.2	2.7	9.6	12.7	4.1	0.0	43.7
	Воц	II-C16		99,150	75.4	92.6	92.0	113.0	113.0	133,0	97.9	19,3	15.2	13.4	49.0	30.2	70.3
		_	Rte Boron-Kadyoha	3,710	0,4	0,6	0.8	0.2	0.3	0.4	1.1	2.8	5.1	1.5	0.3	0,2	1.1
	Marahoue	П-С14	Mankono	6,700	0.2	0,0	0,0	0,0	0.7	0,1	0,0	0.7	10.7	2.6	0.3	0.0	1.3
	(Red Bandama)	II-C13	Zuenoula	17,314	0.2	1.0	0.0	0.0	1.8	0.7	0.2	0,3	21.1	8,1	0,6	0,2	2,8
	D 1/35 0	П-С12	Bonafle	19,800	1,3	0.1	0,0	0.0	1.1	3.5	1.0	0.2	12.2	12.1	2.8	0,5	2.9
	Banoroni (Yani)		Kouroukoro	4,860	0.2	0.0	0.0	0.1	0,1	0,0	0,0	0,7	9.9	2.6	0.4	0.0	1.2
	N'zi	II-C11	Rte Katiola-Dabakala	6,620	0.0	0.0	0.0	0.0	0.7	0.2	0.1	0.2	0.3	0,4	0,1	0,0	0,2
		II-C10	M'Bahiakro Dimbolon	15,700	0.1	0,0	0,0	0,2	3,8	5,3	1.0	0.1	0.4	0.5	0.1	0.0	1.0
		II-C5	Dimbokro	24,100	0,2	0,0	0.0	0.1	3.7	19.8	2.7	0.3	0.1	0.0	0.1	0.0	2,2
		II-C9	Zienoa (N'zianoa)	35,000	0.7	0.1	0.0	0.0	2.8	51.8	12.6	1.1	0,2	0.3	0.0	0.1	5.8
Boubo	Boubo	— <i>-</i>	Grand-Lahou (Babokon)	3,411	0.4	0,2	0,1	0,6	1.5	32,6	16.4	2.2	0.7	1.0	0.6	3,5	5,0
	Niouniourou	X-C3	Dahiri	1,791	0.4	0.1	0.2	1.5	8.3	45.1	6,6	1.7	1,4	2.2	3.6	9.9	6.8
	nd Surrounding			ga-									<b>FO</b> C	72.5			
Comoc	Comoe	III-C6	Kafolo	21,200	0.8	0.1	0,0	0,0	1,5	2.1	11.4	36.2	50.4	13.0	2.6	1.8	10.0
		III-C4	Ganse	43,700		0,4	0.1	6.7	8.4	6.1	34.7	49.9	74.2	25,0	3,6	1.1	17,6
		ш-сз	Akakomoekro	57,000	0.6	0.0	0.0	2.7	8.9	9.7	29,5	45,1	62.4	32.8	4.0	1.8	16.5
		III-C2	Abradinou	74,350		0,1	0.0	1.2	7.3	53.8	31.8	42.3	58.3	50,3	7.1	3,1	21,4
	Ba	ш-С6	N'dakro	6,222	-	-	•	-	0.5	4.3	2.5	6,1	0.0	0.0	0.0	0.0	0.9
Agneby	Agneby	IX-C5	Agboville	4,600	0.1	0.0	0.0	0.2	0.7	9.5	10.4	0.0	0.0	0.1	0,6	1,5	1,9
	Me	IX-C3	Lobe Akoudzin	1,274	-	-	<u> </u>	<u> </u>	2.8	17.9	2.9	0.4	0.8	0.9	0.1	0.1	3.2
Bia	Bia		Bianouan Aval	6,800	0,4	0,2	-	1.8	12.4	74.9	32.3	1.4	5.8	8.2	0,7	0,4	12,6
		VII-C3	Ayame-2 Dam *	9,330	21.0	21.4	28.9	18.7	3.9	11.1	47.6	14,9	21.4	35.2	71.3	21.6	26.6
Volta-Noire	Kolodio		Kontedou	2,100		-	-	-	-	-	-	. •		-	-	•	•
l	Volta-Noire		Vonkere	111,500	9.4	6.6	4.4	3.4	17.8	37.3	72.9	152.0	164.0	45,5	9.9	2,8	0.2

## Monthly Specific Discharge at the Control Points in 1983

n	D:		Control Point	Catalinia	l					λ.ε.	onth					(Unit: m <sup>3</sup> /	(s/100km²)
River	River	<b>.</b>	T	Catchment	T.	г.	2.4		3.6	1			0	<u> </u>	).T	n	Annual
Basin	Name	Number	Name	Area (km²)	Jan.	Feb.	Mar.	Apr.	Mar.	Јипе	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
	a and Surroundi		T	46.000	0.15	0.10		0.00	0.10	0.00	0.40	1.00	1 70	0 = 4	0.55		
Sassandra	Sassandra	I-C5	Dabala	16,600	0.15	0.12	-	0.07	0.12	0.27	0.40	1.09	1.50	0.54	0.23	0.11	0.42
		I-C4	Piebly	32,600	0.13	0.09	0.05	0.06	0.13	0.21	0.26	0.68	1.29	0.55	0.24	0.11	0.32
		I-C3	Buyo Dam *	42,250	0.18	0.12	0.00	0.00	0.21	0.42	0.26	0.72	1.70	0.66	0.60	0.22	0.42
		I-C2	Soubre	57,670	0.75	0.81	0.78	0.54	0.19	0.23	0.32	0.25	0.53	0.70	0.69	0.29	0.51
		I-C1	Gaoulou Pont	70,550	0.66	0.68	0.67	0.50	0.27	0.54	0.43	0.33	0.55	0.65	0.66	0.38	0.53
	Tiemba	I-C10	Dioulatiedougou	2,790	0.07	0.03	0.01	0.00	0.00	0.05	0.05	0.45	1.13	0.27	0.10	0.03	0.18
	N'zo	I-C8	Khin	4,310	0.04	0.02	0.01	0.02	0.06	0.35	0.25	1.18	3.81	2.12	0.58	0.24	0.72
	Bafing	I-C9	Badala (Bafingdala)	5,930	0.19	0.15	0.05	0.16	0.25	0.42	0.37	0.82	1.82	0.97	0.48	0.20	0.49
	Davo	I-C6	Dakpadou	6,625	0.00	0.00	0.01	0.04	0.36	1.34	0.67	0.09	0.08	0.10	0.11	0.19	0.25
	Lobo	I-C7	Loboville	17,838	•	•	•	•	•	-	•	•	•	•	٠	-	٠
Cavally	Cavally	IV-C2	Touleplen (Saihibli)	4,670	0,13	80,0	0,05	0,08	0.17	0,51	0,62	1,52	3,06	3,00	0.77	0,36	0,86
		IV-C1	Tate	28,800	0.31	0.28	0.32	0.32	0.61	1.33	0.49	0.43	1,52	1.47	0.65	0.66	0.70
San Pedro	Dodo	XI-C3	Weoulo (Ouaoulo)	640	0.20	0.09	0.31	0.22	2.69	3.06	1.01	1.14	1.00	0.87	0.42	1.28	1.02
	Tabou	ļ	Yaka	810	0.54	0.26	1.14	0.90	5.01	3.12	1.59	1.21	1.47	1.53	1.07	2,35	1.68
	Nero	XI-C2	Rte Grand Bereby	1,210	0.09	0.04	0.28	0.15	2,31	2.57	0.68	0.68	0.49	0.46	0.34	1.08	0,76
	San Pedro	XI-C1	San Pedro	3,300	0.75	0.98	0,29	0,38	0.98	2,14	0.55	0,66	0.82	0.60	0.71	0,62	0.79
Bani-Niger	Kouroukelle	VI-C5	Iradougou	1,990	0,20	0.12	0.04	0,01	0.04	0,12	0.36	2,24	2,14	0,97	0,35	0.15	0,56
	Baoule	VI-C4	Djirila	3,970	-	0.04	0.01	0,01	0.01	0.01	0.05	1,05	2.13	0.80	0.27	0.08	0.41
	Kankelaba	VI-C3	Debete	5,550	0.01	0.01	0.00	0.00	0.00	0.00	0.02	0.54	0.99	0.39	0.07	0.02	0.17
	Bagoe	VI-C2	Koute Aval	4,740	0.04	0.02	0.01	0.00	0.01	0.01	0.01	0.34	1.00	0.22	0.05	0.02	0.14
	<u></u>	VI-C1	Papara	8,950	0.04	0.02	0.01	0.00	0.01	0.01	0.02	0.21	0.67	0.22	0.05	0.02	0.11
2, Bandama	a and Surroundii	ıg River Basi	ins			_									_		
Bandama	Bandama	п-с7	Tawara Amont	5,375	-	-	-	-	-	-	-	j -	-	-	-	-	-
	(White Bandama	П-С8	Toritaya Ament	14,500	0.01	0.01	0.01	-	-	-	-	0,04	0,17	0.04	0.01	0,00	0.04
		п-с6	Bada	24,050	0.01	0.00	0,00	0.01	0,01	0.01	0,03	0,04	0,11	0,07	0,01	0,00	0,03
		П-С4	Kossou Dam *	32,400	0.00	0.06	0,06	0.07	0.14	0.03	0.02	0,02	0,11	0.05	0.01	0.02	0.05
		п.сз	Taabo Dam *	57,800	0.11	0,13	0,12	0.17	0.14	0.13	0.05	0.00	0,02	0.02	0.01	0.00	0.08
		П-С2	Tiassale	99,150	0.08	0.09	0.09	0.11	0.11	0.13	0.10	0.02	0,02	0.01	0.05	0.03	0.07
	Bou	П-С16	Rte Boron-Kadyoha	3,710	0.01	0.02	0.02	0.00	0.01	0.01	0.03	0.08	0.14	0.04	0.01	0.01	0.03
	Marahoue	П-С14	Mankono	6,700	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.16	0.04	0.00	0.00	0.02
	(Red Bandama)	П-С13	Zuenoula	17,314	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.12	0.05	0.00	0.00	0.02
	[	II-C12	Bouaffe	19,800	0.01	0.00	0.00	0.00	0.01	0.02	0.01	0.00	0.06	0.06	0.01	0.00	0.02
	Banoroni (Yani)	H-C15	Keuroukero	4,860	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.20	0.05	0.01	0.00	0.02
	N'zi	II-C11	Rte Katiola-Dabakala	6,620	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0,00
		H-C10	M'Bahiakro	15,700	0.00	0.00	0.00	0,00	0,02	0,03	0,01	0,00	0,00	0,00	0,00	0,00	0,01
		П-С5	Dimbokro	24,100	0.00	0.00	0.00	0.00	0.02	0.08	0.01	0.00	0.00	0.00	0.00	0.00	0,01
		п-с9	Zienoa (N'zianoa)	35,000	0.00	0.00	0.00	0.00	0.01	0.15	0.04	0.00	0.00	0.00	0.00	0.00	0,02
Boubo	Boubo		Grand-Lahou (Babokon)	3,411	0.00	0.00	0.00	0.00	0,00	0,00	0,00	0,00	0.00	0,00	0,00	0,00	0.00
	Niouniourou	X-C3	Dahiri	1,791	0.02	0.00	0.01	0.08	0,46	2.52	0.37	0,10	0.08	0,12	0,20	0.55	0.38
3. Compe a	nd Surrounding			,,,,,		1											1
Comoe	Comoe	III-C6	Kafelo	21,200	0,00	0.00	0.00	0.00	0.01	0.01	0.05	0.17	0.24	0.06	0.01	0.01	0.05
		Ш-С4	Ganse	43,700	1	0,00	0.00	0,02	0.02	0.01	0.08	0.11	0.17	0.06	0.01	0.00	0.04
		III-C3	Akakomoekro	57,000		0.00	0.00	0.02	0.02	0.01	0.05	0.08	0.11	0.06	0.01	0.00	0.03
		III-C2	Abradinou	74,350	1	0.00	0.00	0.00	0.02	0.02	0.03	0.06	0.08	0.07	0.01	0.00	0.03
	Ba	III-C2	N'dakro	6,222	0.00	-	•	0.00	0.01	0.07	0.04	0.00	0.00	0.07	0.00	0.00	0.03
Amahu		IX-C5	Agboville	4,600		0.00	0.00	0.00	0.01	0.07	0.04	0.00	0.00	0.00	0.01	0.03	0.02
Agneby	Agneby								·	+		0.00	0.06	0.00	- 0.01	0.03	0,04
ni-	Me	IX-C3	Lobo Akoudzin	1,274		- 0.00	-	0.03	0.22	1.41	0.22		-				
Bia	Bia	VII-C4	Bianouan Avai	6,800		0.00	-	0.03	0.18	1.10	0.48	0.02	0.08	0.12	0.01	0.01	0.19
**. 11. 37. 7	75-1- 10-	VII-C3	Ayame-2 Dam *	9,330		0.23	-	0.20	0.04	0.12	0.51	0.16	0.23	0.38	0.76	0,23	0,28
Volta-Noire		VII-C1	Kontodou	2,100		•			-	•	•	•		-	-	-	-
ł	Volta-Noire	VII-C2	Vonkoro	111,500	0.01	0.01	0.00	0.00	0.02	0.03	0.07	0.14	0.15	0.04	0.01	0.00	0.24

Note: "-" means data not available. """ means source from CIE, Ministry of Energy. Others source from Department of Hydrology, Ministry of Economic Infrastructu

## Long-term Monthly Specific Discharge at the Control Points

(Unit: m3/s/100km2) Control Point Catchment Month Annual Name Number Arca (km²) Jan. Feb. Mar. Apr. Mar. June July Aug. Sept. Oct. Nov. Dec. Average 1. Sassandra and Surrounding River Basins I-C5 Dabala 16.600 0.50 0.47 0.55 0.52 0.53 0.70 0.92 1.80 2.43 2.21 1.05 0.63 1.03 I-C4 Piebly 32,600 0.08 0.05 0.05 0.08 0.15 0.24 0.53 1.47 2.02 1.15 0.47 0.19 0.54 I-C3 Buyo Dam 42,250 0.11 0.06 0.15 0.32 1.57 2,55 1,70 0,65 0,29 0.69 I-C2 Soubre 57,670. 0.43 0.43 0.430.420.390.380.350.420.570.780.580.470.47I-C1 Gaoulou Pont 70,550 0.47 0.48 0.48 0.48 0.47 0.54 0.43 0.47 0.62 0.96 0.70 0,53 0.55 I-C10 Dioulatiedougou 2,790 0.04 0.01 0.01 0.00 0.01 0.03 0.32 1.62 2.59 1.38 0.52 0.14 0.56 Tiemba 0.43 1.20 I-C8 Khin 4,310 0.11 0.26 0.48 1.23 3.00 4.69 2.87 1.03 N'zo 0.05 0.10 0.15 Bafing J-C9 Badala (Bafingdala) 5,930 0.16 0.10 0.14 0,22 0.33 0.90 1.83 2.60 1.80 0.89 0.37 0.83 Davo I-C6 Dakpadou 6,625 0.05 0.03 0.07 0.17 0.370.79 0.60 0.40 0.58 0.82 0.50 0.20 0.38 17,838 0.05 0.07 0.17 0.15 0.20 0.18 0.44 0.53 0.24 0.19 Lobo I-C7 Loboville 0.06 0.11 0.11 Cavally IV-C2 Toulepleu (Saihibli) 4,670 0,25 0.15 0.15 0,21 0.43 0.81 1.74 2.90 4.41 3.84 1.54 0.62 1.42 IV-C1 Tate 28,800 0.41 0.34 0.48 0.60 1.15 1.98 1.72 2.35 4.12 3.92 1.97 0.89 1.66 1.55 3.39 2.48 2,27 1,58 0.91 1.49 San Pedro Dodo XI-C3 Weoulo (Ouaoulo) 640 0.50 0.48 0.69 0.58 1.86 1,63 2.83 2.81 5.10 3.47 2.96 4.17 5.05 3.35 2.14 Tabou Yaka 810 1.26 1.11 1.26 1.33 1.30 **Nето** XI-C2 Rte Grand Bereby 1,210 0,28 0.35 0.53 1.46 3.07 1.92 1.29 1.83 2.08 1.40 0.78 San Pedro XI-C1 San Pedro 3.300 0.36 0.530.480.59 1.05 2.57 1.65 0.86 1.16 1.61 1.29 0.601.06 VI-C5 1.990 0.11 0.05 0.02 0.02 0.03 0.04 0.39 2.94 1.65 0.71 0.24 0.67 Bani-Niger Kouroukelle Iradeugen Baoule VI-C4 Diirila 3,970 0.04 0.02 0.01 0.00 0.01 0.01 0.15 1.11 2.15 1.49 0.61 0,13 0,48 5,550 0.17 0,05 0,42 VI-C3 0.02 0.01 0.00 0.00 0.02 0.02 1.21 2.43 0.81 0,26 Kankelaba Debete VI-C2 Kouto Aval 4,740 0.04 0.02 0.01 0.03 0.02 0.02 0.18 1.44 2.80 1.45 0,52 0.11 0.55 Bagoe 0.15 0.50 0.14 0.47 VI-C1 Papara 8.950 0.05 0.02 0.01 0.01 0.01 0.04 1.06 2.14 1.52 2. Bandama and Surrounding River Basins Bandama Bandama II-C7 Tawara Amont 5,375 0.01 0.00 0.00 0.00 0.01 0.02 0.18 0.69 1,30 0.55 0.13 0.02 0.24 (White Bandar II-C8 Toritaya Amont 14,500 0.01 0.01 0.01 0.02 0.04 0.05 0.16 0.81 1.46 0.66 0.15 0.03 0.28 24,050 0.01 0.00 0.00 0.01 0.03 0.04 0.13 0.61 1.18 0.61 0,20 0.04 0.24 II-C6 Bada 0.03 0.28 Π-C4 32.400 0.07 0.08 0.19 0.63 1.22 0.68 0.17 Kosson Dam \* 0.03 0.05 0.09 0.12 II-C3 Taabo Dam \* 57,800 0.24 0.25 0.26 0.28 0.25 0.24 0.25 0,37 0,57 0,33 0,22 0,34 III.C2 Tiaccale 99 150 0.15 0.15 0.15 0.17 0.210.240.270.30 0.61 0.66 0.30 0.16 0.28 II-C16 0.01 0.01 0.01 0.01 0.02 0.04 0,19 0.70 1.02 0.52 0.16 0.04 0.23 Rte Boron-Kadyoha 3,710 Bou Marahoue |II-C14 Mankono 6,700 0.01 0.00 0.00 0.00 0.01 0.01 0.13 0.71 1.18 0.75 0.23 0.03 0.26 0.23 0.04 0,24 0.00 0.00 0.00 0.01 0.02 0.03 0.15 0.99 0.74 (Red Bandama) II-C13 Zuenoula 17,314 0.61 19,800 0,48 Π-C12 0.03 0.04 0.13 0.77 0,23 0.04 0.25 0.01 0.01 0.01 0.01 1,21 4,860 0.01 0.02 0.04 0.15 0.80 0.72 0.23 0.04 0.26 Banoroni (Yani) II-C15 Kouroukoro 0.01 0.00 0.01 1.11 0.55 0.02 0.17 Nzi II-C11 Rte Katiola-Dabakala 6,620 0.00 0.00 0.00 0.01 0.03 0.05 0.10 0.40 0.75 0.18 0.03 0.77 0.02 0.18 Π-C10 M'Bahiakro 15,700 0.00 0.00 0.00 0.01 0.04 0.14 0.29 0.65 0.18 II-C5 Dimbokro 24,100 0.01 0.00 0.00 0.01 0.03 0.06 0.12 0.22 0,50 0.66 0.15 0.03 0.15 П-С9 Zienoa (N'zianoa) 35.000 0.01 0.00 0.00 0.01 0.04 0.09 0.17 0.18 0.41 0.570.17 0.030.14 X-C1, X-C2 Grand-Lahou (Babokon) 0.02 0.04 0.09 0.28 0.72 0.67 0.39 0.42 0.63 0.32 0.11 0.31 3,411 0.01 Boubo Boubo X-C3 1,791 0.08 0.03 0.12 0.26 0.50 1.81 1.22 0.56 0.69 1.15 0.73 0.26 0.62 Niouniourou Dahiri 3. Comoe and Surrounding River Basins 0.81 0,02 0,27 21,200 0.01 0.00 0.00 0.00 0.02 0.05 0.17 1.39 0.64 0.10 Comoc III-C4 43,700 0.00 0.00 0,00 0.02 0.04 0.14 0.59 1.19 0.70 0.14 0.02 0.24 0.01 Akakomoekro III-C3 57,000 0.01 0.00 0.00 0.00 0.02 0.04 0.12 0.36 0.96 0,58 0.14 0.02 0.19 III-C2 Abradinou 74,350 0.01 0.00 0.00 0.01 0.03 0.07 0.12 0.27 0.54 0.53 0.14 0.03 0.15 III-C6 0.00 0.09 0.16 0.09 0.18 0.36 0.10 0.02 0.09 Ba N'dakro 6,222 0.01 0.00 0.02 0.06 IX-C5 4,600 0.02 0.08 0.31 0.07 0.28 0.12 0.01 0.10 Agneby Agneby Agbeville 0.00 0.00 0.01 0,23 0.12 0.63 1.65 0.37 0.55 1.28 0.50 0.14 Me IX-C3 Lobo Akoudzin 1.274 0.03 0.02 0.03 0.11 0.52 2.32 0.28 VII-C4 Bianouan Aval 6,800 0.02 0.01 0.06 0,09 0,27 0.66 0.65 0.32 0.36 0.58 0.26 0.06 Ayame-2 Dam \* VII-C3 9,330 0.49 0.39 0.35 0.36 0.46 0.48 0.51 0.42 0.28 0.47 0.63 0.530.45VII-C1 Kolodio 2,100 Volta-Noire Kontodeu Vonkoro Volta-Noire VII-C2 111,500 0.01 0.01 0.00 0.00 0.01 0.05 0,10 0,26 0,42 0.19 0.08 0.02 0.10

Note: "-" means data not available. """ means source from CIE, Ministry of Energy. Others source from Department of Hydrology, Ministry of

## Long-term Monthly Discharge at the Control Points

(Unit: m /s) Control Point River River Catchment Annual Period Basin Name Number Name Area (km² Jan. Feb. Mar. Apr. Mar. June July Aug. Sept. Oct. Nov. Dec Аустар Available Sassandra and Surrounding River Basins 16,600 82.6 78.6 88.4 116.1 299.5 403.0 366,3 104.7 169,7 I-C5 91.2 86.6 153.4 173.7 Piebly 49.1 480.4 658.6 374.0 I-C4 27.2 77.9 173.9 61.2 174.2 42,250 55.9 44.8 24.5 32.9 61,6 136,6 283,9 663,9 719,8 272,7 124.3 295.9 I-C3 Buyo Dam \* 1,077.6 57,670 80-'96 246.5 257.0 247.1 246.7 242.2 223.7 218.1 200.5 243.2 452.7 337.0 271.8 I-C2 Soubre 326.6 70,550 328.5 338.8 '80-'89,'91-'96 I-C1 Gaoulou Pont 338.7 337.2 329.9 382.1 303.7 332.2 436.6 675.3 494.2 370.7 381.7 Dioulatiedougo Tiemba T-C10 2.790 1.1 0.4 0.2 0.1 0.2 0.8 8.8 45.2 72.3 38.4 14.6 3.9 15.5 N'zo T-C8 Khin 4,310 4.6 2.2 4.5 6.3 11.4 20.7 53.2 129.2 202.1 123.9 44.6 18.6 48.6 Bafing I-C9 Badala (Bafingdala) 5,930 9.3 6.1 8.1 12.8 19.7 33,3 53.6 108.4 154,3 106,8 52,9 22.2 48.5 I-C6 6,625 3.5 1.8 4.5 11.0 24.4 52.2 39.7 26.2 38.5 54.2 33.2 13.4 24.6 Davo Dakpadou Loboville 17,838 10.0 9.3 19.2 30.6 27.4 34.8 32.5 77.8 94.8 43.6 19.6 36,0 Lobo I-C7 12.3 205.9 29,0 67.7 Cavally Cavally IV-C2 Toulepica (Szihibli) 4,670 20.2 38.0 81.4 135.5 179.1 71.7 IV-C1 28,800 117.1 99.1 137.4 172.2 331.8 570,9 495.9 676,9 1,186.9 ,129.1 566,3 256,3 **464,**0 Tate San Pedro Weoulo (Ouzoulo) 3,1 10.1 5.8 9.6 XI-C3 Dodo 810 10.2 9.0 10.2 10.8 22.8 41.3 28.1 24.0 33.8 40.9 27.1 17.3 22.7 Tabou Yaka XI-C2 1,210 4,2 6,4 17,7 37,2 23,2 15,6 9.4 15.1 Rte Grand Bereby 3.4 7.8 22.2 25.2 16.9 Nera 28.4 53.2 19.7 XI-C1 11.9 16.0 34.7 84.8 54.5 38,3 42.7 32.5 San Pedro San Pedro 3,300 17.5 19.5 Iradougou 14,2 Bani-Niger Kouroukelie VI-CS 1,99 2.1 1.0 0.4 0.3 0.6 0.8 7.8 37.4 58.6 32,9 14.2 4,8 Baoule VI-C4 Djirila 3.970 1.4 0.6 0.3 0.1 0.3 0.5 6.0 44.2 85.4 59.0 24.3 5.2 20.5 Kankelat VI-C3 Debete 5,550 0.9 0.3 0.1 0.1 1.1 1.0 9.3 67.2 135.1 44.8 14.2 2.8 21.3 VI-C2 Kouto Aval 4,740 2.1 1.0 0,6 1,2 0,8 0,9 8,4 68.4 132,8 68.9 24.7 5.3 26.8 Bagoe VI-C1 Papara 8,950 4.4 2.0 0.9 0.7 1.0 3,4 13.1 95,3 191.2 136,2 45,1 12,4 46.1 2, Bandama and Surro ding River Basins 36.9 П-С7 5,375 0,4 0,1 0,0 0.1 0.3 1.3 9.5 69.8 29.5 7.2 1.1 14.8 Bandama Tawara Amont (White Bandama) 14,500 1.9 1,0 1,6 2,8 5,3 7,4 23.8 117.5 211.3 96.2 21.1 3.9 40.8 | II-C8 Toritaya Amont 283,9 48.9 10.2 II-C6 24,050 0.8 6.5 10,5 31.5 146,3 146,9 57.1 Bada 3.5 1.0 2.4 54.9 H-C4 Kossou Dam 5 32,400 8.2 15.0 23.8 28.1 26.8 37.4 60.4 203.5 395.0 220.4 10.0 90.8 II-C3 Taabo Đam \* 57,800 69.0 73.2 75.4 80.2 70.6 69.9 72.6 106.0 226.5 164.1 95.0 63.5 98,2 II-C2 Tiassale 99,150 94.0 95,5 94.0 106.5 128.8 149.3 165.0 183.1 377.7 410.4 185.8 99.0 166.6 II-C16 Rte Boron-Kadyoha 3,710 0.5 0.2 0.4 0.3 0.6 1.3 7.0 26.0 38.0 19.2 5.9 1.6 10.1 Marahou п-С14 Mankone 6,700 0.4 0.1 0,1 0,2 0,6 1,0 8,8 47.8 78,9 50.1 15.5 1.9 18.7 17,314 0.7 0,4 0,7 3,2 5,9 25.5 106.0 172.0 128.6 40.3 6.4 39.1 (Red Band II-C13 Zuenoula 19,800 8,5 95,3 240,1 152,9 44.6 8.0 47.4 II-C12 2.2 1.0 1.5 2.9 5,3 25,0 54,0 4,860 0.2 0.3 0.3 1.2 1.9 7,2 38,7 34,9 9.8 Bancroni (Yani) II-C15 0.4 Kauroukoro 49.7 36,4 11.8 1,0 10.8 N'zi II-C11 Rte Katiola-Dabakala 6,620 0.1 0.0 0.0 0.6 2.0 3,0 6.5 26,3 M'Bahiakro 15,700 46.2 3,8 26,0 0.1 0.4 5.2 120.6 101,6 28,1 II-C10 0.5 1.7 6.6 21.2 7.8 40.4 Π-C5 Dimbokro 24,100 1.6 0.5 0.6 2.1 7.6 14.1 27.8 52.0 119.9 158,9 37.1 60,4 48,1 п-с9 Zienoa (N'zianoa) 35,000 2.0 0.4 0.4 2.6 13.6 33.1 58.2 64.7 142.7 200.2 11.2 Boubo Rouba X-C1, X-C2 Grand-Lahou (Babokon 3,411 0.7 0.5 1.4 3.0 9.6 24.7 22.9 13.4 14.2 21.4 11.0 3.6 11.2 Niouniourou х-сэ Dahiri 1,791 1.4 0.6 2.1 4.7 9.0 32.4 21.9 10.1 12.3 20,6 13,1 4.7 11.3 3. Comoe and Surrounding River Basin 21,200 0,2 3,4 10,6 35.6 172.5 295.3 136.4 21.0 3.9 59.0 Como Kafolo 1.2 0,3 0,4 Comoe 7.1 103.2 Щ-С4 43,700 1.6 0.6 0.9 7.4 18,2 61,9 257.0 522,2 306.5 59.4 III-C3 Akakomoekro 57,000 3.4 0.9 1.3 1.9 10.8 22.1 67.2 206,3 547.6 333,4 77,5 14.0 82.7 7.0 198.2 402.7 106,9 22,7 110.7 III-C2 Abradinou 74,350 3.2 3.3 8.7 23.9 50.7 92.4 392.3 1.2 5,5 Ba III-C6 N'dakro 6.222 0.5 0.1 0.2 1.4 4.0 5.4 9.9 5.7 10.9 22.4 6.0 Agneby Agneby IX-C5 Achoville 4.600 0.1 0.1 0.3 0.8 3.5 10.6 14.3 3.2 5.6 13.1 5.4 0.6 4.5 Me IX-C3 Lobo Akoudzin 1.274 0.4 0.2 0.4 1.4 6.6 29.5 21.0 4.7 7.0 16.3 6.4 1.8 9.3 Bia Bia VII-C4 Bianouan Aval 6.800 1.1 0.7 3.9 6.2 18.5 45.1 44.3 21.7 24.4 39.5 18.0 4.2 23.3 VII-C3 Ayame-2 Dam \* 9,330 46.0 36.4 32.6 33.7 43.0 44.7 47.5 39.1 26.5 43,5 58,6 49.4 41.9 2,100 Volta-Noire Kolodio VII-CI 208.8 85.6 24.4 99.9 111,500 15,3 112,3

Note: \*\* means data not available. \*\*\* means source from CIE, Ministry of Exercey. Others source from Department of Hydrology, Ministry of Economic Infrastructure.

Comparison Between The Estimated Probable Draught Discharges and Annual Discharges in AD 1983

Return	Cavally R	Cavally River Basin	Sassandra River Basin	iver Basin	Bandama I	Bandama River Basin	Comoe Ri	Comoe River Basin	Ba	Bani-Niger River Basin	
	The Cave	The Cavally River	The Sassandra River	dra River	The Band	The Bandama River	The Com	The Comoe River	The Kouroukelle River The Kankelaba River	The Kankelaba River	The Bagoe River
Period	FLAMPLEU	TAI	BADALA	GAOULOU	BADA	TIASSALE	KAFOLO	ABRADINOU	IRADOUGOU	DEBETE	KOUTO AVAL
			(BAFINGDALA)	PONT							
(Years)	2,470 km <sup>2</sup> , 326 m	13,750 km², 149 m	2,470 km², 326 m 13,750 km², 149 m 5,930 km², 410 m 70,550 km², 10 m 24,050	70,550 km², 10 m		km², 135 m 61,850 km², 13 m	$21,200 \text{ km}^2, \text{ m}$	74,350 km², m	1,990 km², 398 m	$5,550  \mathrm{km}^2,  \mathrm{m}$	4,740 km <sup>2</sup> , m
2	33.7	150.2	57.8	441.0	84.3	171.2	59.6	111.8	16.9	18.2	32.8
S	26.5	112.5	43.6	340.5	38.7	101.3	31.4	66.2	11.8	11.0	19.2
10	23.6	6.76	36.4	307.1	19.8	82.4	17.9	40.6	9.5	8.4	12.8
15	22.4	92.0	32.9	294.9	11.9	76.3	11.7	27.6	8.5	7.5	6.6
20	21.7	88.7	30.7	288.3	7.2	73.2	7.9	19.1	7.9	7.0	8.1
25	21.2	86.4	29.1	284.1	4.0	71.4	5.2	12.8	7.5	9.9	6.8
30	20.9	84.8	27.9	281.2	1.7	70.2	3.1	7.9	7.2	6.4	5.9
40	20.4	82.6	26.1	277.3	,	9.89	0.2	0.4	6.8	6.1	4.5
50	20.1	81.1	24.8	274.8	•	9.79	•		6.5	5.9	3.6
09	19.8	80.0	23.8	273.0	•	67.0	1	•	6.2	5.7	2.8
80	19.5	78.5	22.3	270.7	E	66.2	,	1	5.9	5.5	1.8
100	19.3	77.5	21.3	269.2	•	65.7	•	1	5.7	5.4	1.1
200	18.7	75.1	18.4	265.8	•	64.7	•	1	5.1	5.1	,
300	18.5	74.1	16.9	264.5	•	64.3	1	1	4.8	5.0	ŗ
400	18.3	73.5	16.0	263.7	1	64.1	•	1	4.6	4.9	1
200	18.2	73.1	15.3	263.3	1	64.0	1	ı	4.5	4.9	,
AD 1983	26.7	75.9	29.1	372.2	6.1	70.3	10.0	21.4	11.2	9.5	8.9
* *	6.0	1.3	1.2	8.0	3.3	1.2	1.8	1.9	6.0	0.9	1.9
*	1.0	1.5	1.5	6.0	6.4	1.4	3.1	3.1	1.1	1.2	2.8
Note: Firming	s shown on "(Year)" row	mean catchment area	Note: Figures shown on "(Year)" row mean catchment area and elevation of gauging station.	tation.							

Note: Figures shown on "(Year)" row mean catchment area and elevation of gauging station.

\*\* = Discharge with 10-year Return Period / Discharge in 1983

\* = Discharge with 5-year Return Period / Discharge in 1983

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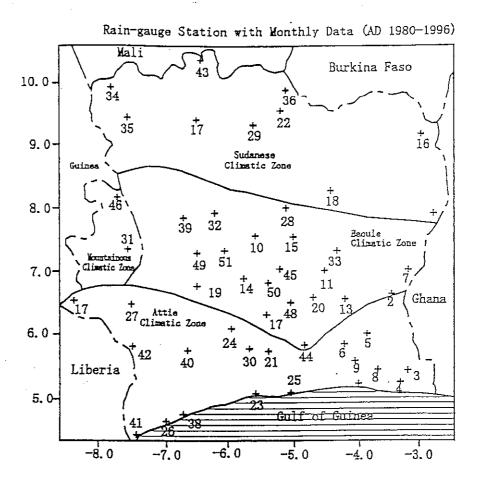
	Rain-gauge Station								19	983				-		
No.	Name	N.L.	W.L.	Jan.	Feb.	Mar.	Арг.	May			Aug.	Sept.	Oct.	Nov.	Dec.	Remark
1	ABIDJAN AERO	5.25°										XXXX	XXXX	***		
2	ABENGOUROU - IRCC	6.72°														
3	ABOISSO	5.47°												XXXX		· · · · · · · · · · · · · · · · · · ·
4	ADIAKE	5.30°							_					XXXX		· · · · · ·
5	ADZOPE	6.10°		***			<del>                                     </del>	7000		7 7 7 7		~~~	V.V.V.V	V V V V	× • • •	N.A.
	AGBOVILLE	5.92°	4.220	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	1120
7	AGNIBILEKRO	7.12°		XXXX	XXXX	XXXX	XXXX	XXXX	× × × ×	****	X.X.X.3	X.X X.3	X X X X	XXXX	1 2	N.A.
	ALEPE	5.50°		XXXX	XXXX	VXXX	XXXX	\ \ \ \	YVVX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXXX	11.73.
8		5.63°	4.02°	XXXX	V V V	VVVX	XXXX	XXXX	X X X X .	XXXXX	XXX	XXX	XXXX	XXXX	X X X X X	N.A.
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	BEOUMI	7.67°											<del> </del>	-	<del>                                     </del>	N.A.
	BOCANDA	7.07°						<del> </del>				ļ	-			N.A.
	BONDOUKOU	8.05°			ļ	ļ			<u> </u>				-	1		N.A.
	BONGOUANOU	6.65°				1							<u> </u>			N.A.
14_	BOUAFLE	6.98°				ļ										N.A.
	BOUAKE (AERO)	7.68°									<u> </u>		<u> </u>			N.A.
	BOUNA	9.27°												XXXX		
	BOUNDIALI	9.52°												XXXX		
18	DABAKALA	8.38°												XXXX		
	DALOA AGRICOLE	6.88°		XXXX	XXXX	XXXX	$\propto \propto \propto$			+	_			$\times\!\!\times\!\!\times\!\!\times$		
N.A.	DANANE	7.25°	8.15°			1								XXXX		
20	DIMBOKRO	6.65°												XXXXX		
21	DIVO	5.83°	5.37°	XXXX	XXXX	XXXX	$\langle \nabla \nabla \nabla \rangle$	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	<u> </u>
22	FERKESSEDOUGOU	9,60°	5.20°								1					N.A.
23	FRESCO	5.08°	5.58°													N,A.
24	GAGNOA	6.13°	5.95°					1								N.A.
25	GRAND LAHOU	5.13°	5.02°	XXX	XXXX	1	XXXX	XXXX	XXXX	XXX	XXX	$\langle x x x \rangle$	XXX	XXXX	XXXX	
26	GRAND BEREBY	4.65°				1						<u> </u>		1		N.A.
27	GUIGLO	6.53°							-		T			†		N.A.
	KATIOLA	8.13°			<u> </u>	<b></b>						1		1		N.A.
	KONG	9.13°		XXXX	XXXX	<del>,</del>			XXX	XXXX	XXX		XXXX		4	
	KORHOGO AERO	9.42°	5.62°	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	
	LAKOTA	5.85°	5.67°										1			N.A.
	MAN-AERO	7.40°		XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXXX	
	MANKONO	8.05°	6.18°	XXX	XXXX	V V V V	V V V V	X.X.X.X	* * * ×	****		***	× × × × ·	- X X X X	× × ×	N.A.
——		7.45°		-				+	-	1		+	+	<del> </del>	-	N.A.
33	M'BAHIAKRO		7 929	XXXX	XXXX	XXXX	XXXX	XXXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXXX	
	MINIGNAN	10.00°	7.83	XXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX		XXXXX	
35	ODIENNE	9.50°		LXXX	(XXX	(XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX.	
	OUANGOLODOUGOU	9.97°				ļ		1					1		-	N.A.
37	OUME	6.37°						1	1		<u> </u>		+	-		N.A.
38	San Pedro	4.75°	6.65°				****		AAAA			Į		<u> </u>	-	N.A.
	SASSANDRA				XXXX	XXXX	XXX	YXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXX	YXXX	
	SEGUELA		6.67°											XXXX		
	SOUBRE	5.78°	6.60°	$\times$	XXXX	XXXX	XXXX	XXXX	(XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	
	TABOU	4.42°				XXXX									XXXX	
42	TAI				XXXX	XXXX	1	XXXX	XXXX	XXXX	XXX	XXXX	<u> </u>	XXXX	XXXX	
43	TENGRELA		6.40°						ļ					ļ	1	N.A.
44	TIASSALE	5.88°	4.83°		ļ											N.A.
45	TIEBISSOU	7.15°	5.22°													N.A.
46	TOUBA		7.68°						XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	
47	TOULEPLEU	6.57°	8.40°													N.A.
48	TOUMODUKORO		5.05°													N.A.
	VAVOUA	7.37°	6.47°						1							N.A.
	YAMOSSOUKRO VILLE	6.90°	5,35°	XXX	XXXX	XXXX	XXX	<del>\</del>	XXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	4
	ZOUENOULA		6.05°				1					1				N.A.
	A. means not available		_	-			-			<del>'</del>					-	

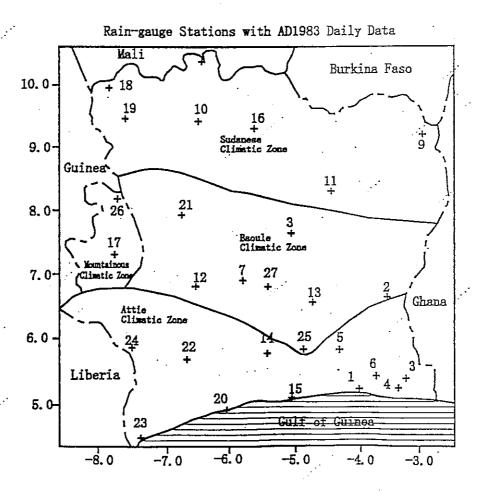
Note: N.A. means not available

means available

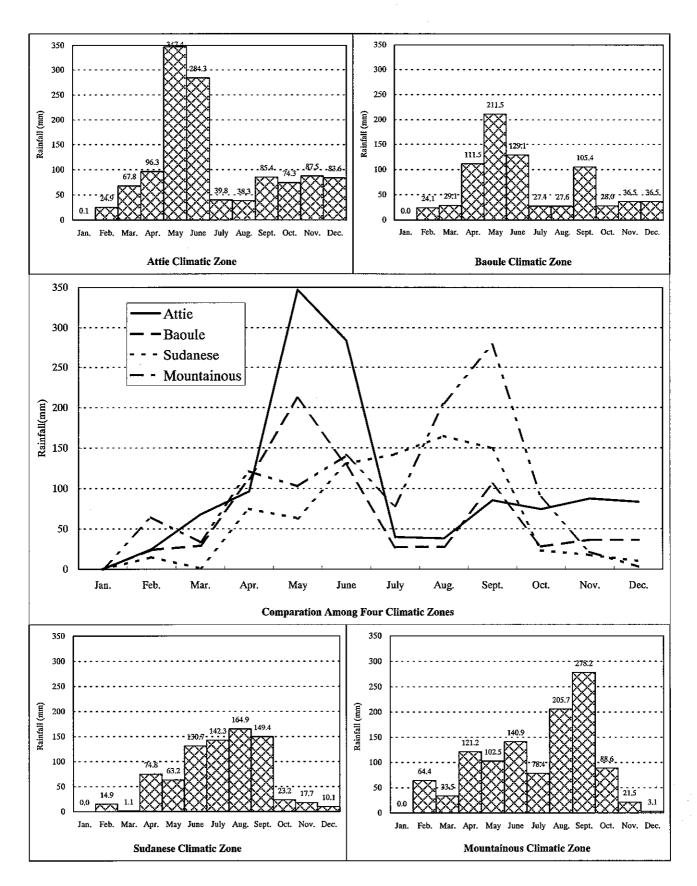
Source: SODEXM

Available Daily Rainfall Records in 1983

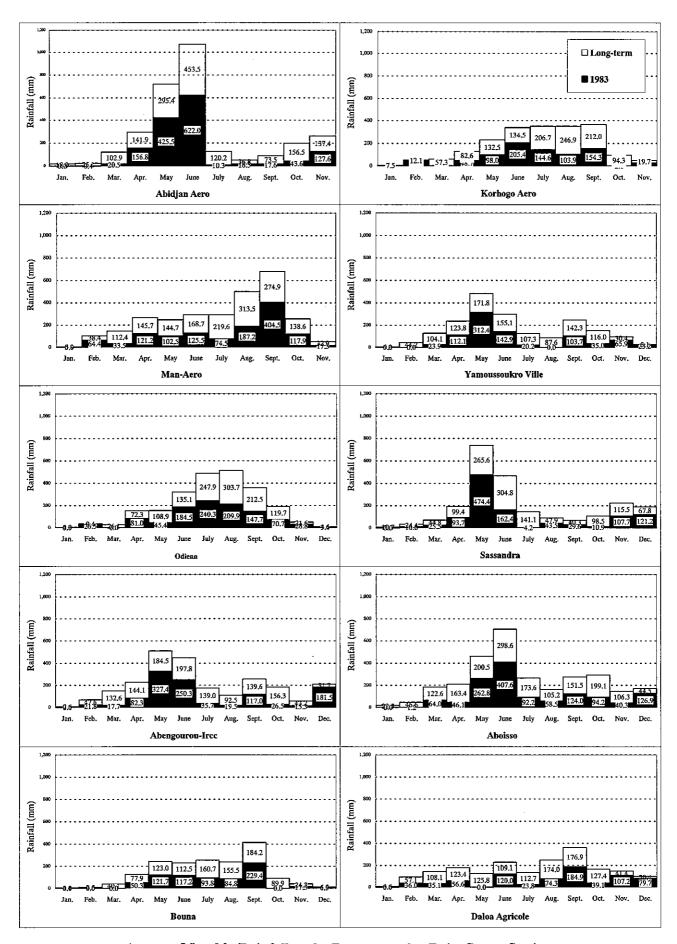




Location Maps of Rain-gauge Station



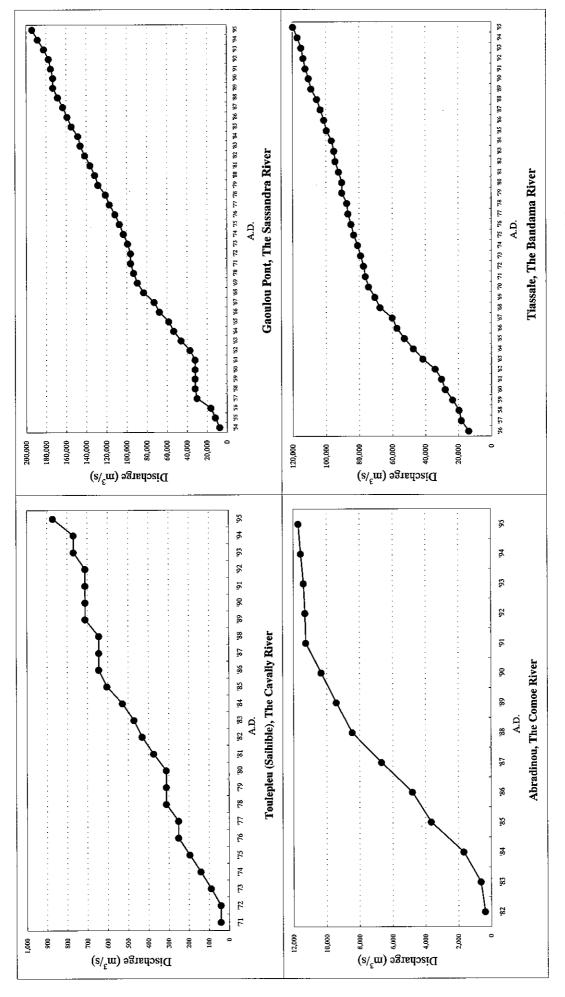
Representative Zonal Average Rainfall in A.D. 1983



Average Monthly Rainfall at the Representative Rain-Gauge Stations

Control   Figure			River	Basin Name	Catchment		154				161 160	177 127	99	89.	20					180 181	821.83	84 85 7	38, 181 98		161167	4		
Triangle   State   S			Маше					ñ		09,	70	5			2	7	174	٠		70					1	:	2	رة 1
Contact   Cont					4 Cmst sark	EI(m)																1						
Water   Wate					1990	398																			***			٦
Control   Cont				olta	111500		_																					
Control (Control (C		ð		avally	28800	ž	_																					
State   Stat	2500104 Dabala 2500117 Piebly 2500115 Soubre			avally	4670		_																					
Secretary   Secr	2500117 Piebly 2500115 Soubre			assandra	16600							_													— F			
Secret   S	2500115 Soubre			assandra	32619								_	-														
Control Figure   Cont				assandra	57670	103																			₩			
Part   Carlot   Part   Carlot   Part   Carlot   Part   P	2500103 Gaoulo			assandra	70550	2									<b>S</b>	223												
Part				assandra	5930	410																						
Supple   Company   Compa				assandra	2790												223						  -					
District				ani-Niger	4740																		<b>■</b>	_			<b> </b>	
Part		•		ani-Niger	3970					_	_																I	
Care				ani-Niger	8950						_						1											
Common   C				ani-Niger	5550						_																	
Chartes   Char				ошос	21200										_													
Constraint   Con				omoe	43700			_																				
Contact   Cont				omoc	57000																		#######################################					
Bandana   Bandana   1507   1508   1509   1				ошое	74350		_																					
Marchano (Black)   Marchano (B	<u> </u>			andama	5375									_									## ##		-			
Bundenn (Black) Bundenn   2010   135   1				andama	14500	592														ľ	#							
Handers   Banders   Carlos				andame	24050	135																						
Maralone   Bandras   1570   2-5				andama	61850	13																		ľ	1			
Parallet   Market	0101009 Manka			andama	0029	243									223				// T						OT H			
Ref. Stricts debtable   N.S.   Bandama   6530   N.S.   Bandama   15700   N.S.   Bandama   1570				andama	19800	187																						
NEA   Dandoma   1570				amabus;	6620											_												
N° 2   Bandona   N° 2   Bandona   2410   N° 2   Bandona   2510   S° 2   Bandona   2510   Bandona   2510   Bandona   2510   S° 2   Bandona   2510	0102512 M'Bahi			andama	15700			<i>III</i>																				
National Actions   National Ac				andama	24100																							
Bays   Bardena   2551   Bardena   2551   Bays   Bardena   2551   Bays   Bardena   2551				andama	35000	23				<u> </u>																		
Years Banconi         Banch         Agreety Agro         Agroety Agroety Agro         Agroety Agroety Agroety Agro         Agroety Agroe		-		andama	2591					_																		
Agarby-Agab   Agarby   Agab   Agarby-Agab				tandama.	4860										_													
Dodo   Dodo   G40   Mc				gneby	4600												_	[							▋			
Mc         Mc         4140           Nicardourou         Nicardourou         1771           San Pedro         San Pedro         2300           Nero         1300           Nero         1310           Nero         1311           Nero         1311      <	_			opo	2					_																-		
Nicariforma   1791   Nicarif				ğ	4140		_															-						1
Sun Pedro Star Pedro 3300 Nero Nero 1210 Nero 1210 Nero 1210 Nero Nero Nero 1210 Nero Nero Nero 1210 Nero Nero Nero 1210 Nero Nero Nero Nero Nero Nero Nero Nero				tiouniourau	1791				_																			
Nero Nero 1210 Tabera 710 Tabera 810 2 Bit 810 Bosto Bosto 2411				an Pedro	3300									_									ŀ					
Tabour (1904 810 2 Emiliar Emi				lero	1210																H		j					
Bit Bis 6,600 94  Botho Bosho 3411				noge	810	74			•																			222
Babelon Boulo 3411	4500108 Bianou			ei.	0089	ā		_			_																	
	4801501 Babok			oqno	3411																						¥  -	

Available Monthly Discharge Records for Control Points



Double-mass Curves of Annual Average Discharges for the Control Points in the Major Four Rivers

95   1996	57.3 72.27	109.8 94.64	126.89 132.52	444.05 449.17	1936
1995					200 Hillion 1 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1
1994	51.9	126.5	111.16	453.32	**************************************
1993	38.86	38.24	79.7	269.58	1993
1992	33.68	58.87	78.56	253.91	1992 15
1991	42.18	98.91	111.55	237.06	
1990	38.33	55.41	108.62	175.76	☐ Kossou ☐ Kossou ☐ Buyo ☐ Buyo ☐ 1991
1989	86.79	135.95	130.62	290.94	0 1990
1988 1	46.02	113.67 1	89.99	312.69 2	86
	59.09	81.74 11	88.13	232.46 31	4D AD
1987					1987
1986	7 22.36	9 62.82	8 94.37	1 189.18	& S
1985	47.8	170.2	99.1	378.9	× × × × × × × × × × × × × × × × × × ×
1984	48.35	53.99	47.61	234.02	1984
1983	21.26	16.16	43.74	179.25	▮ │ 1
1982	56.36	55.32	120.71	338.32	22 1983
1981	41.77	102.6	107.05	r	1 1982
1980	65.48	168.26		1	1981
					1980
Dam	Ayame No.	Kossou	Taabo	Buyo	(s/ <sup>5</sup> m) wolfinI 00 00 00 00 00 00 00 00 00 00 00 00 00