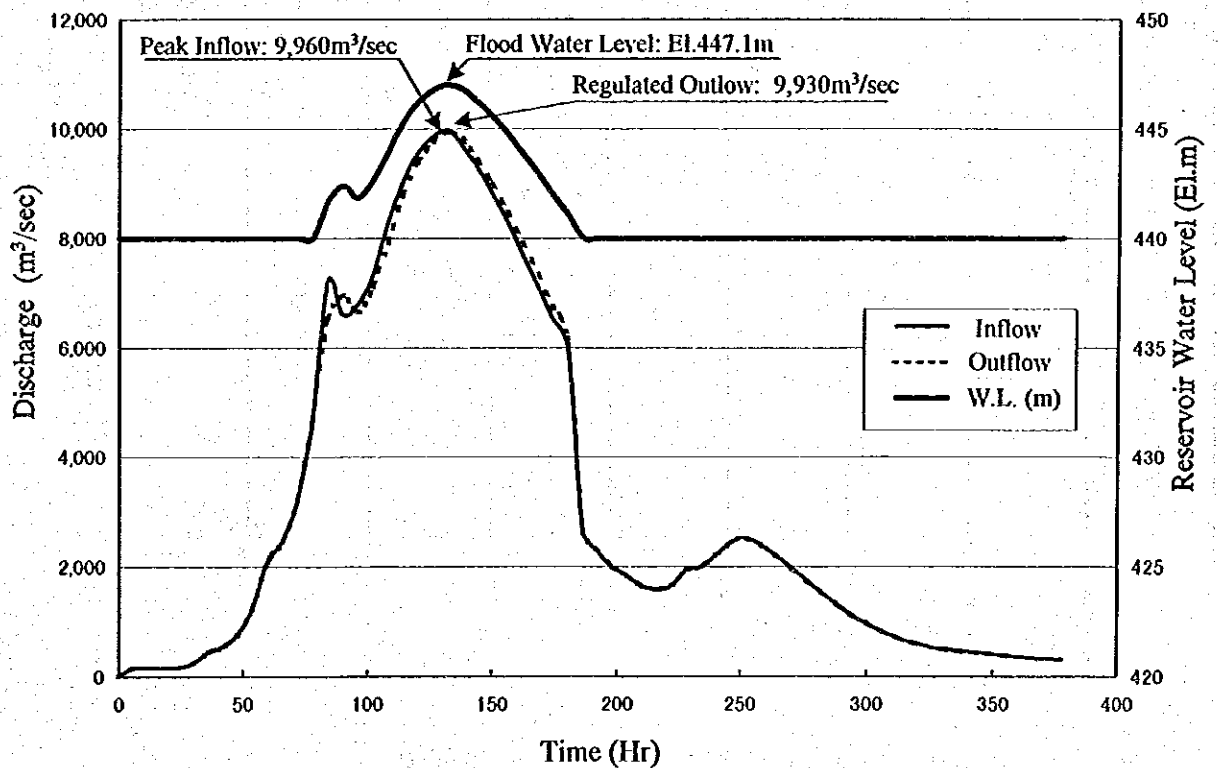


(1) Flood Routing for Dong Nai No.3 Dam



(2) Flood Routing for Dong Nai No.4 Dam

Figure C4.10 Flood Routing Study for PMF

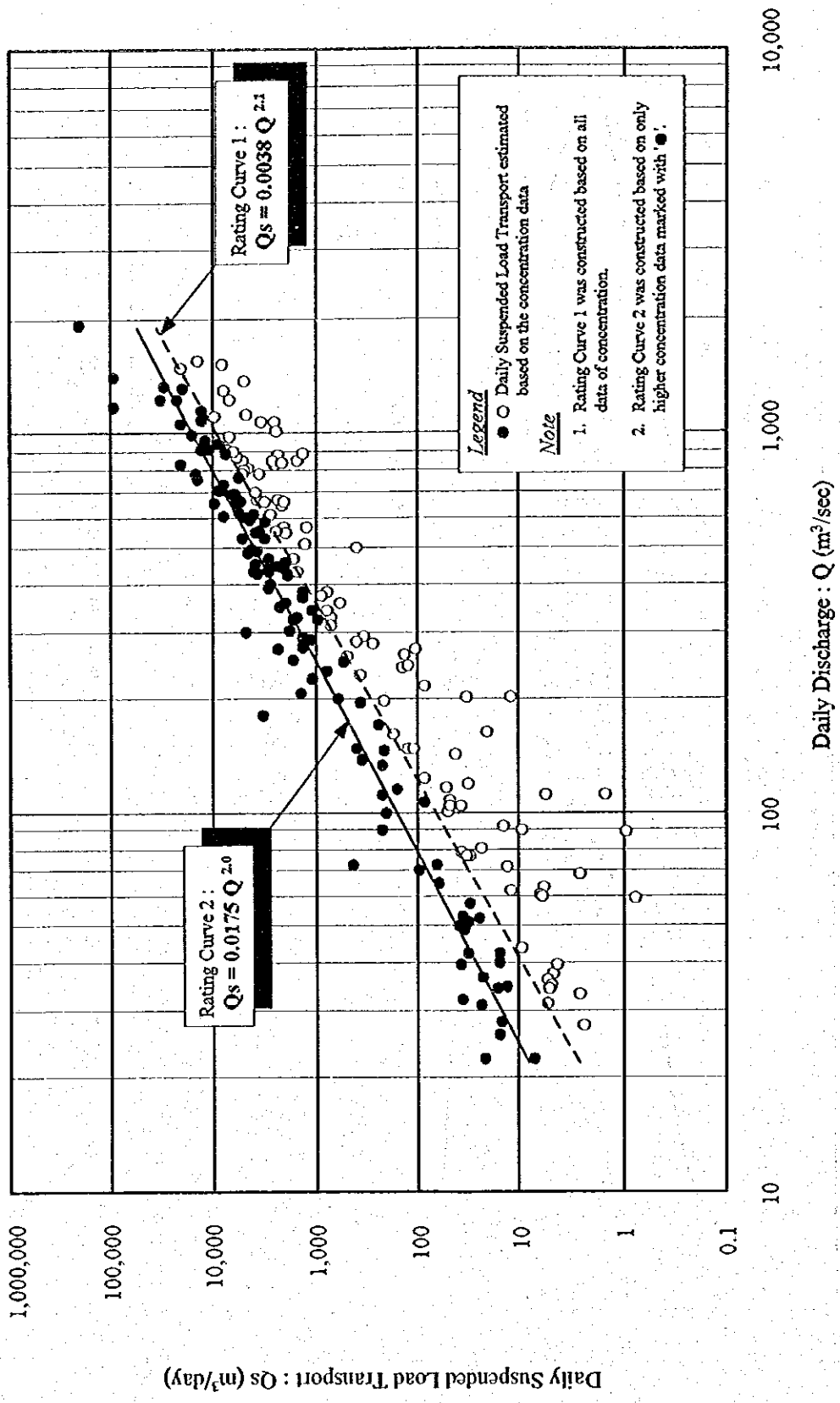


Figure C5.1 Suspended Sediment Load Rating Curve at Ta Lai SGS

Legend
 ■ Denudation Rates adopted in large dams in Vietnam

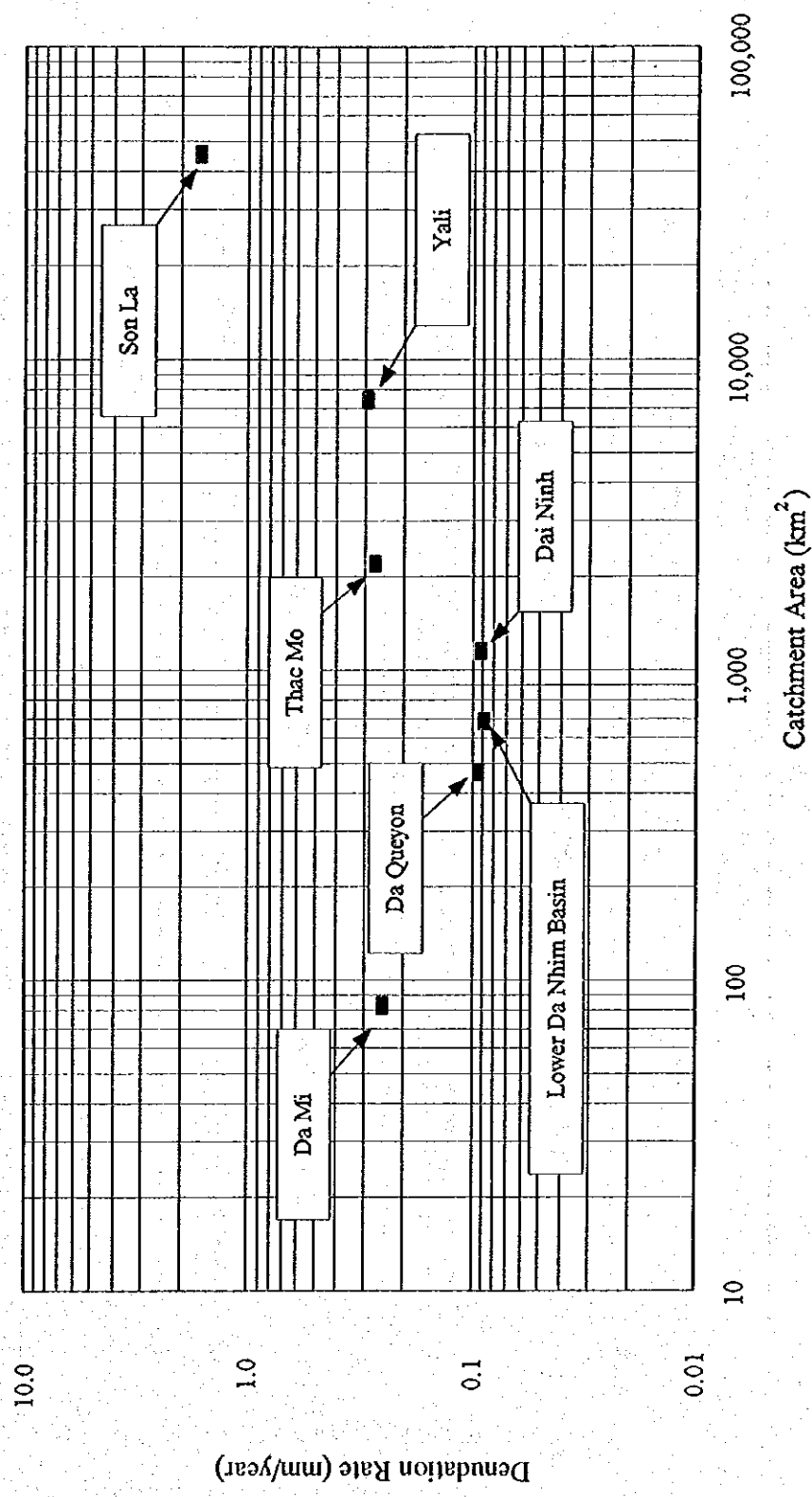


Figure C5.2 Chachment Area versus Denudation Rate in Vietnam

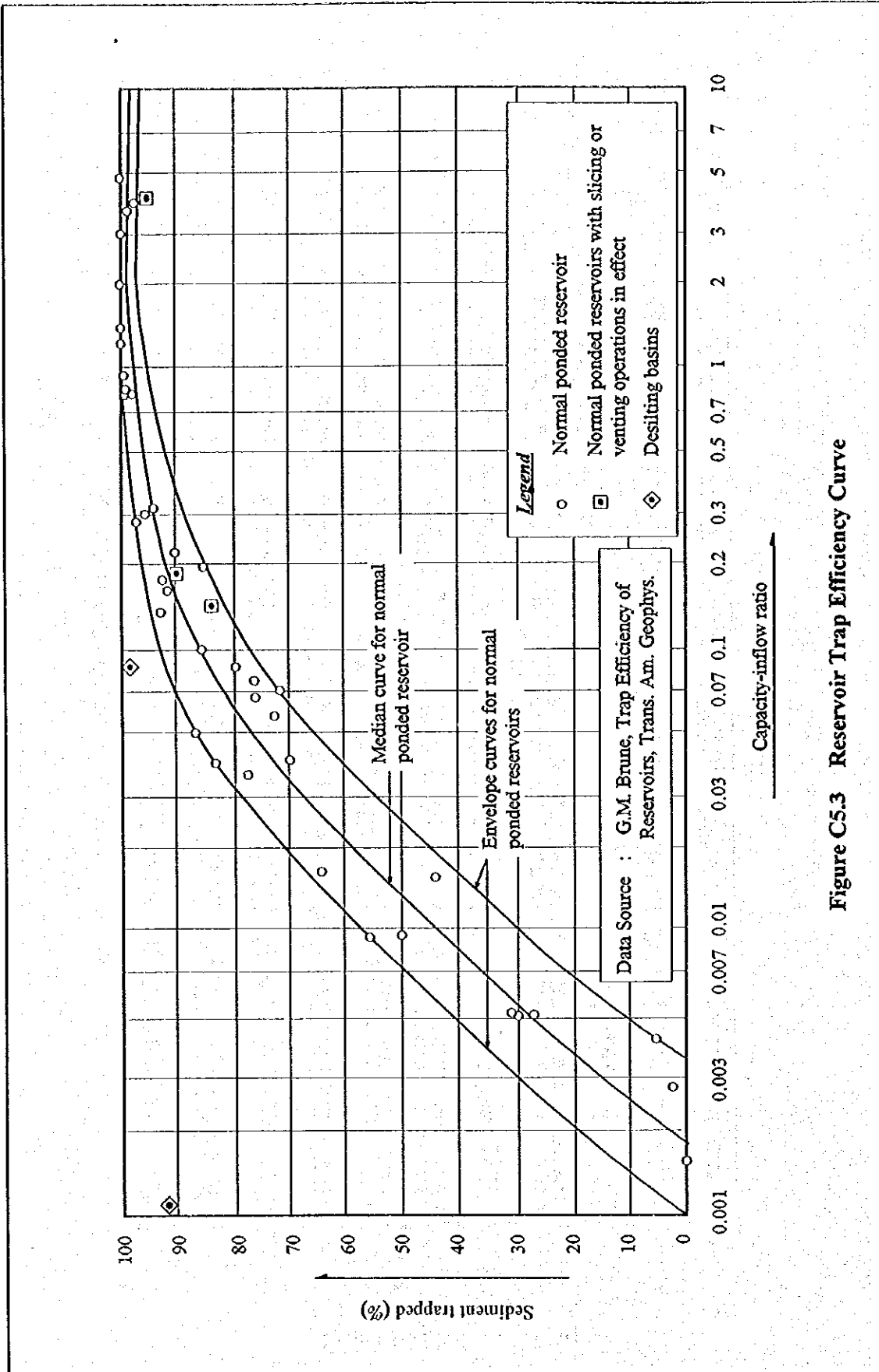
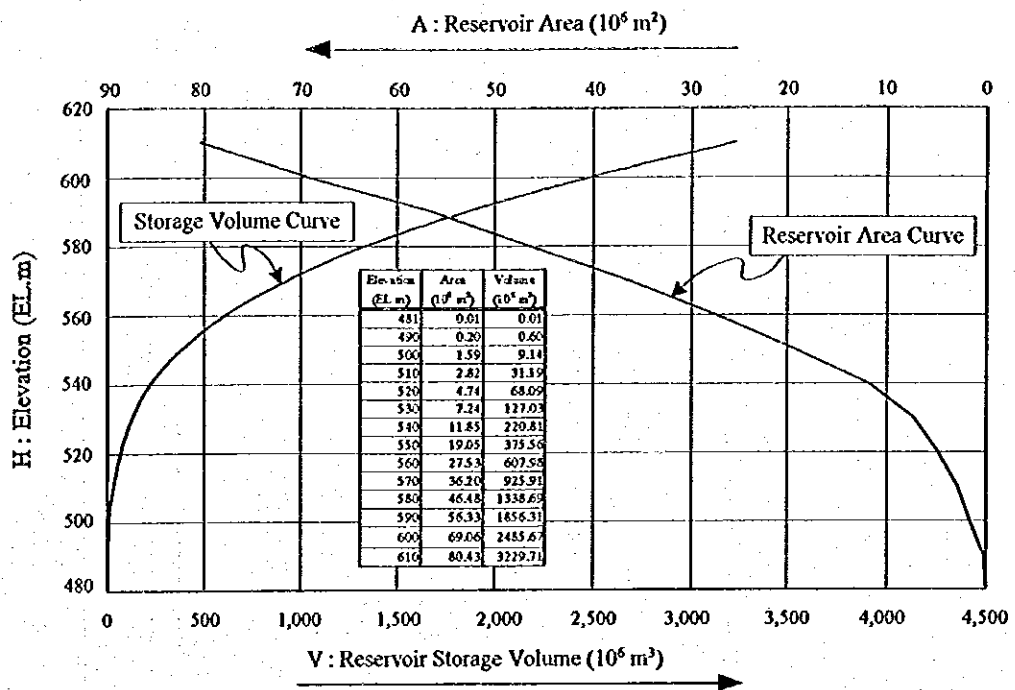
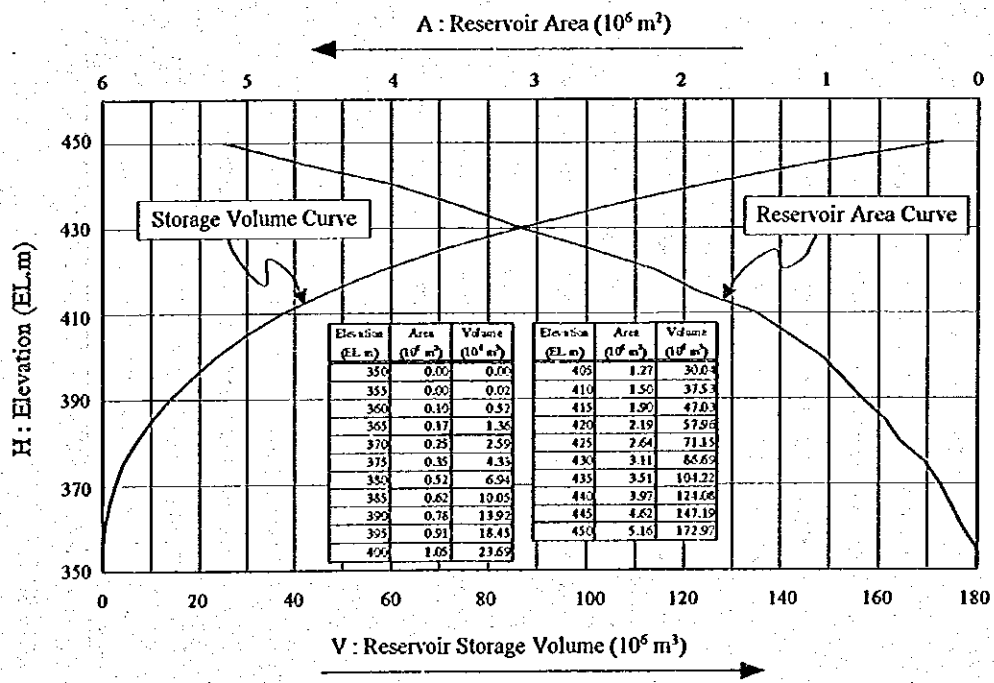


Figure C5.3 Reservoir Trap Efficiency Curve

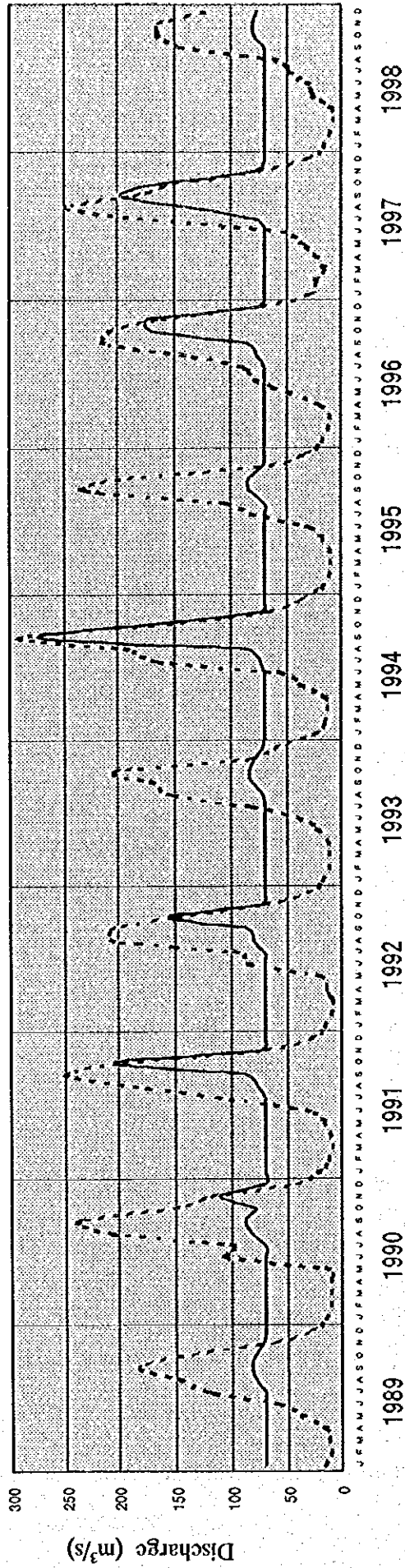
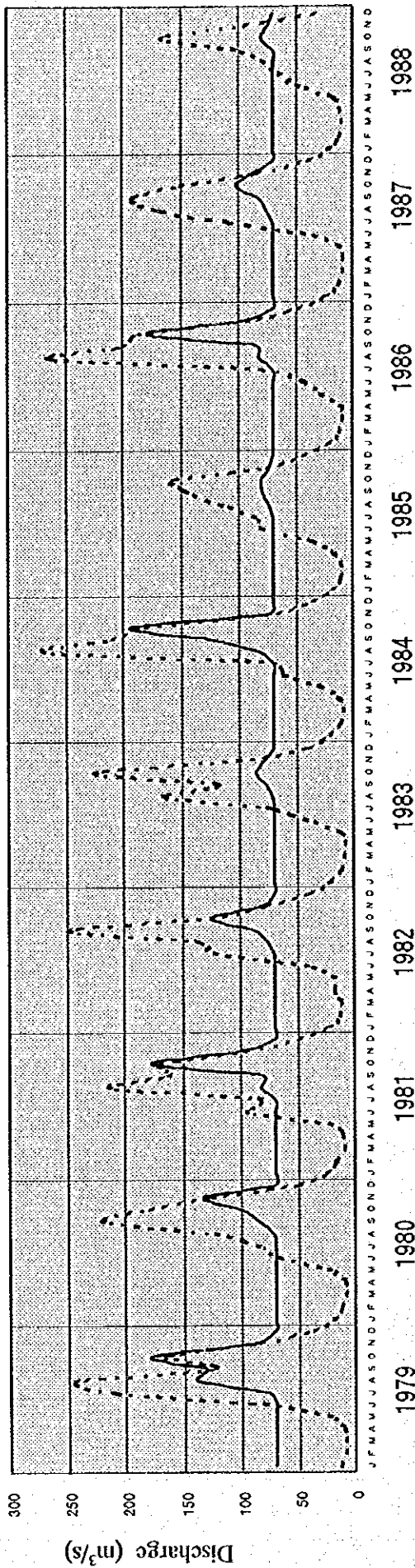


(1) Reservoir Storage Volume and Reservoir Area Curve of Dong Nai No.3



(1) Reservoir Storage Volume and Reservoir Area Curve of Dong Nai No.4

Figure C5.4 Storage and Area Curves of Dong Nai No.3 and No.4 Reservoirs

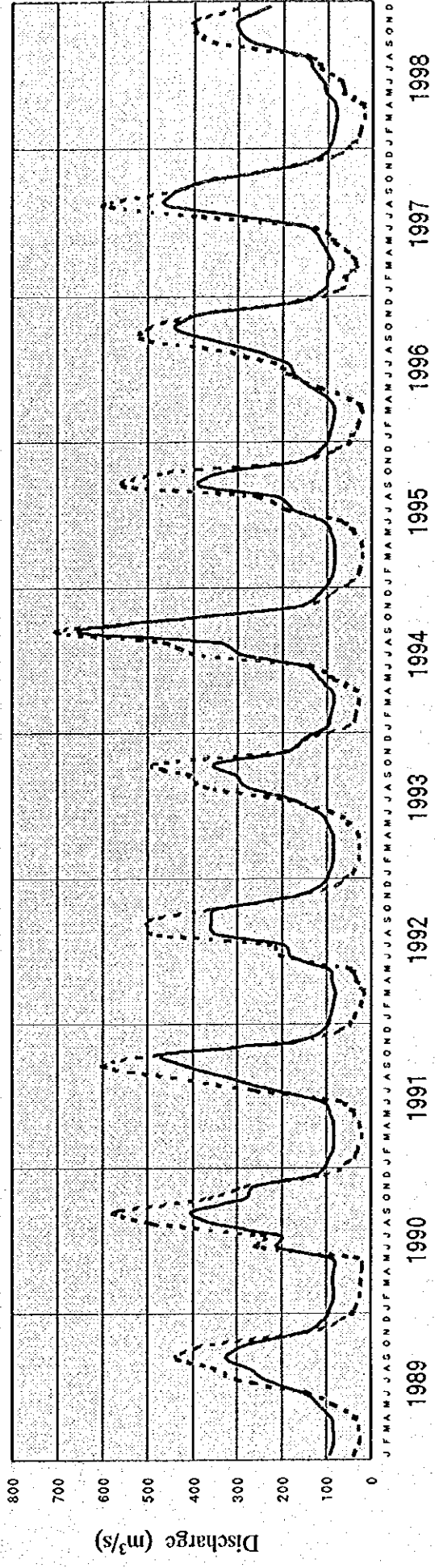
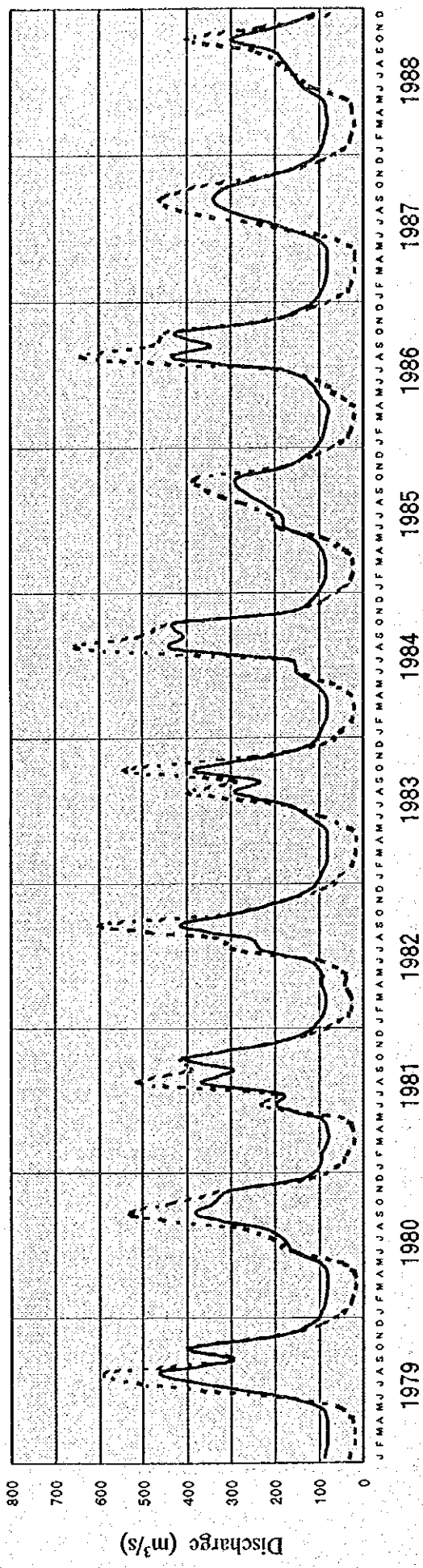


Note : These two hydrographs show mean monthly inflow to Dong Nai No.3 reservoir and mean monthly outflow from Dong Nai No.4 dam/power station.

Legend

- Monthly Inflow to Dong Nai 3 Reservoir
- Monthly Outflow from Dong Nai 4 dam/power station

Figure C6.1 Monthly Inflow to Dong Nai No.3 Dam and Monthly Outflow from Dong Nai No.4 Scheme



Note: These two hydrographs show mean monthly runoff at Cat Tien National Park at junction of Dak Lua stream and the Dong Nai mainstream on the condition with and without the Dong Nai No.3 and No.4 Combined Hydropower Project.

Legend
 On the condition without the Project
 ——— On the condition with the Project

Figure C6.2 Hydrological Influence to Wet Land of Cat Tien National Park

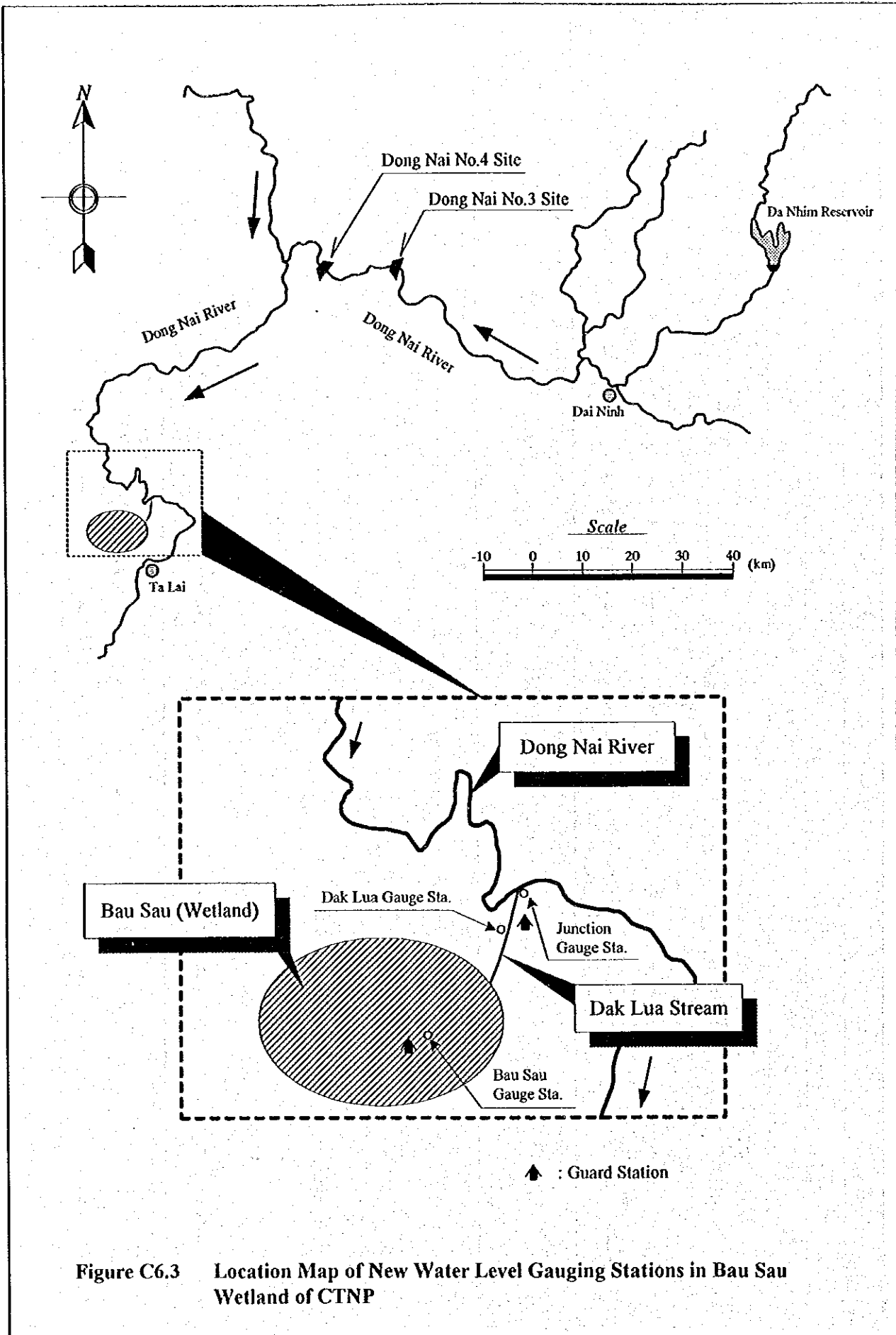


Figure C6.3 Location Map of New Water Level Gauging Stations in Bau Sau Wetland of CTNP

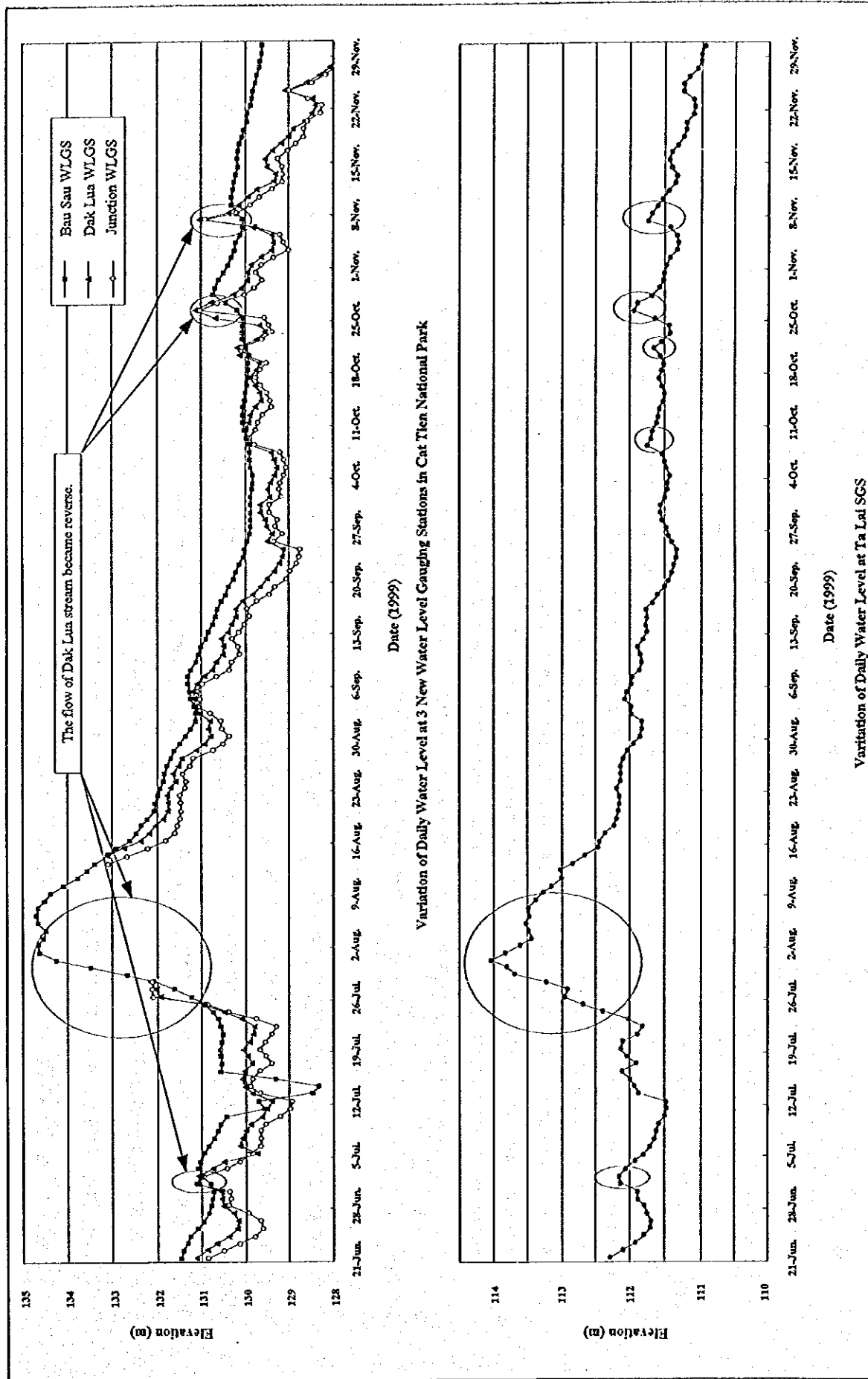


Figure C6.4 Relation of Variation of Water Level between at Newly Installed Water Level Gauging Stations in Cat Tien National Park and at Ta Lai SGS

Attachment to Appendix C :
Meteorological and Hydrological Data

Attachment C1

Monthly Rainfall Records in Dong Nai River Basin



Attachment-C1: Monthly Rainfall (1/6)

		Province : Lam Dong											At : Da Lat		(Unit : mm)
No.	Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total	
1	1952	2.6	0.0	108.6	312.1	640.1	340.8	194.4	528.8	643.1	1098.7	53.8	0.0	3923.0	
2	1953	342.4	2.8	5.8	137.1	279.5	165.5	35.3	155.4	115.8	96.0	21.6	5.2	1362.4	
3	1954	19.0	3.3	21.4	145.6	171.3	257.9	232.2	408.0	474.4	218.2	101.8	77.2	2130.3	
4	1955	0.0	0.8	23.0	141.8	266.1	169.1	192.0	277.2	433.2	251.1	140.6	16.2	1911.1	
5	1956	32.3	0.0	17.0	308.4	379.7	112.9	175.1	390.1	190.2	252.2	74.9	28.8	1961.6	
6	1957	2.4	19.0	155.5	126.4	235.4	84.7	253.8	208.0	351.7	179.6	87.3	0.0	1703.8	
7	1958	0.0	11.8	20.2	7.9	204.7	132.0	168.0	411.5	318.7	169.6	14.1	0.0	1458.5	
8	1959	0.0	29.4	27.3	110.3	170.6	218.0	153.6	288.5	146.0	393.3	35.8	36.1	1608.9	
9	1960	2.0	30.8	184.3	190.2	238.1	252.7	180.2	155.4	334.7	257.2	118.0	7.5	1951.1	
10	1961	2.7	0.0	29.2	244.5	299.4	343.9	233.4	216.3	153.1	296.2	9.4	0.5	1828.6	
11	1962	0.8	22.0	3.0	245.2	83.7	181.7	474.6	282.1	324.6	346.4	153.0	25.0	2142.1	
12	1963	0.0	0.1	22.8	62.6	164.6	123.9	178.1	456.0	461.5	213.9	7.8	0.0	1691.3	
13	1964	0.0	0.2	131.2	115.1	450.1	187.9	227.8	208.0	177.8	266.2	152.3	190.9	2107.5	
14	1965	0.0	5.7	83.1	166.5	129.0	94.8	156.0	206.7	385.1	182.3	121.1	76.4	1606.7	
15	1968	0.0	17.0	8.6	170.4	179.9	198.5	164.5	134.5	411.0	342.2	51.0	0.0	1677.6	
16	1969	16.9	0.0	42.8	184.0	188.8	132.7	281.1	205.5	447.4	0.0	0.0	0.0	1499.2	
17	1970	40.6	63.0	37.2	113.1	290.8	264.1	232.3	209.7	344.4	446.6	69.2	9.4	2120.4	
18	1972	9.8	66.1	0.0	116.0	184.9	244.2	274.0	61.5	383.3	241.4	0.0	66.5	1647.7	
19	1977	0.0	0.0	0.0	83.3	114.4	224.6	210.7	232.4	425.1	116.0	86.2	0.2	1492.9	
20	1978	17.4	0.2	71.9	139.2	150.1	131.0	186.8	267.0	287.0	203.5	94.5	2.3	1550.9	
21	1979	7.0	0.0	100.2	128.4	116.0	370.1	382.2	221.5	273.9	234.1	130.0	4.7	1968.1	
22	1980	4.0	31.7	17.4	104.7	293.1	267.9	150.2	380.0	238.2	364.4	119.0	9.0	1979.6	
23	1981	3.9	40.9	7.1	77.2	103.1	194.4	130.9	236.7	156.2	255.9	101.0	24.3	1331.6	
24	1982	0.0	4.2	96.7	381.0	220.1	229.9	123.7	113.8	342.0	127.2	133.2	4.3	1776.1	
25	1983	0.0	0.8	18.0	114.4	195.7	201.4	187.3	221.2	362.0	407.9	21.4	20.5	1750.6	
26	1984	0.0	0.0	77.8	96.4	178.3	203.5	305.3	379.4	178.5	235.3	45.1	0.9	1700.5	
27	1985	0.1	25.7	14.6	453.1	77.6	156.6	210.7	122.1	331.1	370.9	57.0	44.1	1863.6	
28	1986	0.0	48.4	11.0	50.5	166.8	103.7	285.8	223.2	453.9	455.3	145.0	89.1	2032.7	
29	1987	0.0	4.6	55.2	88.1	223.3	177.9	91.5	335.1	284.3	241.6	120.6	0.0	1622.2	
30	1988	17.6	4.4	118.8	241.7	40.5	136.1	422.0	92.4	491.9	157.2	75.6	1.2	1799.4	
31	1989	0.1	0.0	152.9	192.4	404.5	230.7	400.9	170.7	251.4	173.1	31.5	6.7	2014.9	
32	1990	4.2	49.7	141.1	198.5	186.4	270.7	127.6	454.5	202.7	123.6	176.1	0.4	1935.5	
33	1991	0.0	0.7	37.9	164.0	142.8	133.8	260.3	154.6	481.3	310.6	12.0	15.7	1713.7	
34	1992	27.2	33.7	60.9	242.0	273.1	343.9	217.5	190.5	260.6	0.5	10.7	4.0	1664.6	
35	1993	2.6	2.3	79.2	107.6	118.7	198.2	234.3	104.3	308.7	372.2	102.3	142.8	1773.2	
36	1994	5.4	26.8	83.4	84.0	218.7	143.9	251.8	81.5	321.3	303.6	4.3	64.1	1588.8	
37	1995	1.3	69.8	100.2	202.2	244.5	175.4	325.8	291.2	221.1	267.0	36.6	6.3	1941.4	
38	1996	7.2	0.7	9.1	248.5	291.3	204.0	146.7	228.7	231.7	256.6	149.6	56.0	1830.1	
39	1997	0.3	96.2	157.8	275.2	217.5	154.1	215.4	184.3	262.3	263.0	55.3	17.7	1899.1	
40	1998	0.8	25.5	4.5	198.7	230.1	270.9	155.1	271.1	216.8	175.9	317.6	130.5	1997.5	
Average		14.3	18.5	58.4	169.2	219.1	200.7	220.7	244.0	317.0	266.7	80.9	29.6	1839.0	

		Province : Lam Dong											At : Dong Duong		(Unit : mm)
No.	Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total	
1	1973	4.3	14.4	7.1	15.9	263.9	141.7	176.1	73.6	460.4	307.1	432.9	5.2	1902.6	
2	1974	1.4	4.3	5.9	31.9	280.2	131.0	121.6	119.6	310.4	368.1	0.0	125.8	1500.2	
3	1984	0.0	0.0	0.0	0.0	236.9	119.0	202.3	53.4	289.2	385.2	136.6	0.0	1422.6	
4	1985	0.0	0.0	0.0	226.4	238.8	86.5	214.7	15.5	215.6	240.5	138.7	0.0	1376.7	
5	1986	0.0	22.2	0.0	5.3	60.9	85.0	153.9	136.7	447.0	304.8	89.1	154.5	1459.4	
Average		1.1	8.2	2.6	55.9	216.1	112.6	173.7	79.8	344.5	321.1	159.5	57.1	1532.3	

Attachment-C1: Monthly Rainfall (2/6)

Province : Thuan Hai		At : Tan My												(Unit : mm)
No.	Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
20	1978	0.0	0.0	0.0	33.3	82.0	111.1	140.2	90.2	181.8	284.1	99.8	0.0	1022.5
21	1979	0.0	0.0	0.0	53.1	95.4	116.6	72.9	46.3	61.1	167.8	319.3	30.5	963.0
22	1980	20.4	0.0	0.0	3.5	256.1	187.3	137.0	127.5	158.6	249.6	118.6	45.6	1304.2
23	1981	0.0	0.0	0.0	32.4	109.6	121.3	112.3	70.4	234.8	264.4	175.8	88.2	1209.2
24	1982	0.0	0.0	120.0	0.0	69.8	127.4	85.5	21.4	140.4	132.6	38.8	0.0	735.9
25	1983	0.0	0.0	0.0	1.8	21.4	60.4	145.9	421.1	98.7	175.4	37.4	3.0	965.1
26	1984	0.0	0.0	40.0	10.7	187.9	44.7	119.3	86.5	128.0	272.1	225.0	24.0	1138.2
27	1985	0.0	30.5	0.0	97.5	97.4	61.6	97.4	13.3	199.5	116.3	149.4	65.0	927.9
28	1986	0.0	0.0	0.0	0.0	20.2	23.5	28.4	214.9	274.9	360.8	137.1	183.5	1243.3
29	1987	0.0	0.0	0.0	45.0	81.3	114.0	83.8	80.8	200.8	118.4	210.7	7.8	942.6
30	1988	0.8	0.0	0.0	42.5	33.9	88.1	63.5	47.4	306.7	252.8	52.0	2.2	889.9
31	1989	0.0	0.0	9.6	14.9	88.8	183.4	165.4	202.7	264.6	44.5	29.2	1.2	1004.3
32	1990	0.0	0.0	0.0	16.5	28.9	135.8	98.8	163.8	311.9	106.0	145.6	3.0	1010.3
33	1991	0.0	0.0	128.0	2.0	54.0	63.0	118.0	65.3	209.8	148.5	53.0	0.0	841.6
34	1992	2.0	0.0	0.0	35.4	59.4	86.3	43.7	130.8	124.8	237.8	29.1	7.0	756.3
36	1994	0.0	2.7	36.3	64.4	66.7	165.5	39.2	63.8	269.5	124.8	19.2	60.1	912.2
37	1995	0.0	0.0	0.0	3.2	172.6	88.3	145.2	151.7	317.2	172.4	87.4	47.4	1185.4
38	1996	0.0	0.0	0.3	19.0	291.2	115.8	22.8	113.2	434.3	381.8	235.2	289.4	1903.0
39	1997	0.0	0.0	0.0	29.9	262.4	93.6	215.6	57.6	282.3	188.7	63.6	15.5	1209.2
40	1998	0.0	0.0	9.3	17.8	125.4	194.4	57.6	239.4	289.0	382.1	374.3	321.0	2010.3
Average		1.2	1.7	17.2	26.1	110.2	109.1	99.6	120.4	224.4	209.0	130.0	59.7	1108.7

Province : Thuan Hai		At : Ta Pao												(Unit : mm)
No.	Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
1	1976	0.0	0.0	0.0	0.0	142.6	444.7	568.8	376.4	307.6	137.0	35.5	18.0	2030.6
2	1978	0.0	0.0	0.0	71.9	148.5	421.6	121.0	785.7	460.1	324.5	103.6	0.0	2436.9
3	1979	0.0	0.0	38.1	76.0	377.5	451.1	726.8	326.5	349.5	311.2	157.3	1.2	2815.2
4	1980	12.7	11.5	49.1	20.5	360.8	518.8	290.3	452.1	319.7	292.8	74.0	3.5	2405.8
5	1981	26.9	0.0	0.0	101.1	108.4	431.9	303.2	701.2	463.0	270.3	41.5	7.0	2454.5
6	1982	0.0	0.0	112.3	19.6	151.7	209.6	538.0	495.3	545.6	254.6	68.7	0.0	2395.4
7	1983	0.0	0.0	0.0	7.0	178.7	327.3	528.9	608.2	319.1	436.5	158.1	45.0	2608.8
8	1984	1.6	0.0	0.0	84.9	274.5	428.8	395.3	1061.1	202.6	289.8	10.1	4.4	2753.1
9	1985	0.0	3.0	24.5	132.8	147.5	402.3	252.8	417.0	407.6	304.2	94.9	107.4	2294.0
10	1986	0.0	12.0	0.0	8.7	409.1	419.1	647.1	686.8	350.7	233.8	225.9	15.0	3008.2
11	1987	0.0	0.0	0.0	0.0	190.2	403.2	373.6	438.1	332.6	164.3	80.0	0.5	1982.5
12	1988	1.5	19.3	0.2	23.9	136.7	355.6	293.2	282.6	282.5	451.3	218.3	0.0	2065.1
13	1989	0.0	0.0	36.2	114.2	525.9	468.4	563.4	501.4	497.5	227.4	5.6	0.0	2940.0
14	1990	6.2	0.0	0.9	4.5	186.8	410.9	307.9	656.9	367.6	314.1	0.0	0.0	2255.8
15	1991	23.1	2.0	25.1	31.4	125.9	428.6	525.1	572.3	544.3	98.5	6.2	0.0	2382.5
16	1992	0.0	0.0	0.0	61.8	140.4	437.8	180.4	662.9	271.9	295.5	28.7	1.1	2080.5
17	1993	5.5	0.0	50.7	88.8	75.4	288.1	430.0	582.5	379.8	280.8	32.0	47.1	2260.7
18	1994	0.0	0.3	5.8	2.0	364.1	427.2	673.0	388.7	693.3	203.6	1.8	9.7	2769.5
19	1995	0.3	0.0	23.7	0.0	238.4	230.7	459.2	420.3	446.3	263.9	78.0	19.5	2180.3
20	1996	0.0	0.0	0.0	96.0	355.8	170.0	194.6	265.6	495.2	166.9	219.9	7.7	1971.7
21	1997	0.0	53.0	0.0	110.8	180.8	422.6	665.1	353.9	266.9	121.9	86.1	0.2	2261.3
22	1998	0.0	0.0	0.0	26.1	217.1	348.2	149.3	218.8	490.7	373.8	405.0	231.3	2460.3
Average		3.5	4.6	16.7	49.2	228.9	383.9	417.6	511.6	399.7	264.4	96.9	23.6	2400.6

Attachment-C1: Monthly Rainfall (3/6)

		Province : Lam Dong											At : Lien Khuong		(Unit : mm)
No.	Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total	
1	1950	36.6	55.8	10.2	103.6	342.1	183.6	396.4	161.7	354.0	151.5	17.3	0.0	1812.8	
2	1951	0.0	30.9	140.0	132.8	203.7	88.2	265.8	232.2	275.8	271.6	104.7	22.6	1768.3	
3	1952	8.7	38.3	0.5	71.3	454.6	103.9	80.7	210.2	193.1	602.8	17.9	0.0	1782.0	
4	1953	0.7	0.0	31.2	124.4	122.7	283.0	280.6	246.0	330.9	175.2	136.5	38.2	1769.4	
5	1954	0.0	14.0	0.0	142.2	126.7	193.3	285.5	361.5	391.7	187.4	27.4	0.0	1729.7	
6	1955	0.2	0.0	0.7	74.8	251.9	176.9	102.9	246.4	319.6	264.8	193.9	2.0	1634.1	
7	1956	2.2	0.0	20.0	207.2	366.2	89.1	188.3	160.9	172.9	137.6	75.4	12.9	1432.7	
8	1957	0.4	2.8	38.5	133.1	127.6	124.8	148.4	173.7	341.5	160.9	9.5	0.1	1261.3	
9	1958	0.6	65.6	15.4	10.0	243.9	77.0	105.2	196.9	82.2	192.4	1.3	0.0	990.5	
10	1959	0.0	6.2	18.9	56.8	186.2	208.8	214.3	220.0	185.4	288.5	27.1	39.0	1451.2	
11	1960	1.3	90.0	81.3	134.1	152.6	147.2	239.3	193.5	342.0	352.3	86.7	12.7	1833.0	
12	1961	3.7	0.0	10.0	181.1	228.1	278.5	135.8	152.1	132.6	404.4	13.9	7.1	1547.3	
13	1962	0.0	51.9	37.8	142.3	244.8	137.5	247.3	167.0	260.0	269.0	76.3	11.4	1645.3	
14	1963	0.0	0.0	81.4	126.5	159.7	99.0	152.0	287.8	272.7	93.9	9.3	0.0	1282.3	
15	1964	0.2	0.0	73.1	129.7	346.9	202.0	206.3	130.8	215.1	287.6	166.2	208.7	1966.6	
16	1965	0.0	0.0	85.6	117.6	48.0	128.9	193.2	227.4	233.0	67.5	107.3	69.5	1278.0	
17	1966	8.8	2.6	101.0	20.1	493.9	182.8	223.5	168.6	305.7	208.8	71.5	70.0	1857.3	
18	1967	29.2	0.0	15.7	273.8	186.6	196.8	147.9	225.3	264.1	346.2	176.4	0.0	1862.0	
19	1968	0.0	0.0	90.9	0.0	281.0	191.8	153.2	134.4	279.4	224.1	45.7	0.2	1400.7	
20	1969	5.7	0.0	70.0	0.0	216.8	138.8	277.1	187.8	442.9	230.8	5.1	14.2	1589.2	
21	1970	39.0	1.5	21.2	198.7	222.2	185.7	329.0	225.0	281.2	272.2	34.1	3.2	1813.0	
22	1971	0.0	0.0	53.6	93.1	357.5	183.7	194.1	193.2	401.8	80.6	34.9	69.3	1661.8	
23	1972	2.5	176.9	26.8	60.9	249.6	293.8	200.2	148.9	357.2	126.0	0.0	0.0	1642.8	
24	1973	1.2	0.0	24.0	125.8	201.4	150.8	323.6	163.4	338.5	198.2	177.3	4.0	1708.2	
25	1974	0.2	0.0	4.8	153.0	220.6	147.6	76.1	235.0	304.1	198.2	147.7	104.0	1591.3	
26	1977	0.0	0.0	0.0	0.0	0.0	265.0	204.5	150.7	370.7	13.6	53.3	0.0	1057.8	
27	1978	22.0	0.0	0.0	178.5	252.0	168.3	41.8	256.0	179.6	364.1	42.7	0.0	1505.0	
28	1979	0.0	0.0	56.9	107.5	176.2	323.4	337.9	141.1	226.5	267.0	167.0	2.3	1805.8	
29	1980	20.3	0.0	10.7	21.3	284.2	207.7	101.4	241.8	328.6	474.5	125.5	22.1	1838.1	
30	1981	0.9	59.6	0.0	65.7	209.2	290.2	150.8	168.9	261.6	385.2	69.1	1.0	1662.2	
31	1982	0.0	0.0	130.4	87.6	147.1	123.7	102.2	90.9	334.1	210.9	69.1	0.0	1296.0	
32	1983	0.0	0.0	130.4	79.0	322.4	268.8	262.6	247.8	340.7	334.8	98.4	0.4	2085.3	
33	1984	0.4	0.0	21.9	208.0	208.0	156.4	296.9	289.0	210.6	252.2	6.7	0.7	1650.8	
34	1985	0.0	3.1	0.0	224.3	123.1	123.9	160.8	76.3	388.3	145.6	47.5	11.0	1303.9	
35	1986	0.0	11.0	14.7	67.0	134.6	159.3	180.4	219.7	361.3	183.5	130.9	59.8	1522.2	
36	1987	0.0	63.0	58.9	84.3	178.9	231.7	131.7	185.5	195.2	244.0	136.4	0.4	1510.0	
37	1988	0.0	0.0	92.3	73.5	34.6	217.7	279.0	55.8	485.4	154.8	74.4	0.0	1467.5	
38	1989	0.0	0.0	132.5	223.9	440.1	211.1	304.7	161.6	330.2	149.0	5.2	0.0	1958.3	
39	1990	0.0	19.2	137.9	120.1	94.3	249.5	105.9	257.6	293.9	72.7	144.9	0.0	1496.0	
40	1991	0.0	17.7	25.1	208.7	155.7	115.2	160.3	168.7	310.9	275.7	12.0	0.0	1450.0	
41	1992	1.2	6.2	28.5	198.5	232.6	219.3	178.1	205.0	39.9	228.0	0.6	0.8	1338.7	
42	1993	27.1	17.1	81.2	143.0	100.1	204.4	198.1	126.0	205.0	212.9	95.0	119.6	1529.5	
43	1994	0.0	21.1	1.7	32.1	290.3	223.8	248.5	114.4	275.1	176.0	3.0	76.7	1462.7	
44	1995	6.7	92.1	93.0	52.3	207.2	166.0	233.8	239.8	271.9	243.8	56.0	9.0	1671.6	
45	1996	0.2	0.0	0.0	318.5	404.6	212.1	105.0	175.7	252.5	239.0	121.6	20.8	1850.0	
46	1997	0.0	3.6	92.5	69.1	207.9	166.2	369.2	147.7	375.6	203.1	13.3	0.3	1648.5	
47	1998	0.0	14.1	1.0	155.9	272.8	162.7	111.9	165.2	183.6	214.9	330.7	205.6	1818.4	
Average		4.7	18.4	46.0	117.7	223.6	184.3	200.7	190.1	282.9	230.6	75.9	25.9	1600.8	

Attachment-C1: Monthly Rainfall (4/6)

Province : Lam Dong		At : Dai Ninh											(Unit : mm)	
No.	Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
20	1978	21.7	0.0	11.5	33.0	114.6	189.8	152.8	250.9	151.3	318.9	20.9	0.0	1265.4
21	1979	0.0	23.8	27.9	74.0	214.6	293.6	207.1	132.2	235.2	197.0	132.0	3.1	1540.5
23	1981	0.0	0.0	0.0	60.6	275.9	271.6	100.6	157.2	183.4	146.6	42.7	10.3	1248.9
24	1982	0.0	26.3	119.9	77.4	195.8	185.2	106.8	36.0	373.5	159.0	159.2	0.2	1439.3
26	1984	0.0	0.0	0.8	81.8	126.7	98.9	447.6	539.7	189.7	234.6	32.2	0.5	1752.5
27	1985	0.0	7.3	0.1	219.1	106.0	118.1	163.6	118.5	333.0	164.3	47.5	0.0	1277.5
28	1986	0.0	4.3	19.6	47.3	150.1	149.3	173.0	254.3	339.1	146.4	145.6	64.7	1493.7
29	1987	0.0	43.1	29.1	27.9	116.4	79.6	93.9	151.4	310.1	235.0	156.3	10.9	1253.7
30	1988	11.0	27.7	18.8	18.6	46.5	143.6	197.1	98.7	299.0	183.7	80.2	0.0	1124.9
31	1989	0.0	0.0	99.5	119.7	275.5	175.9	358.0	228.5	198.5	129.3	11.9	0.1	1596.9
32	1990	0.0	30.4	11.2	73.9	123.8	371.3	85.4	541.7	262.3	162.8	154.3	0.0	1817.1
34	1992	33.9	0.0	18.0	202.5	141.2	271.0	141.6	174.7	20.3	150.4	0.3	0.0	1153.9
36	1994	0.0	2.3	75.8	57.7	322.7	181.4	195.9	79.2	201.8	186.3	0.9	38.9	1342.9
37	1995	18.1	17.5	32.6	15.8	158.7	197.1	189.8	161.9	326.0	245.2	46.6	7.6	1416.9
38	1996	0.3	0.0	0.0	70.5	313.6	100.6	121.0	220.7	277.3	160.0	152.5	101.4	1517.9
39	1997	0.0	75.9	34.2	105.2	216.1	170.5	163.5	149.7	345.4	179.7	19.7	0.0	1459.9
40	1998	0.0	0.0	0.0	125.8	202.6	127.7	105.8	157.7	144.5	132.1	340.4	121.5	1458.1
Average		5.0	15.2	29.4	83.0	182.4	183.8	176.7	203.1	246.5	184.2	90.8	21.1	1421.2

Province : Lam Dong		At : Di Linh											(Unit : mm)	
No.	Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
1	1968	0.0	2.2	11.4	160.1	310.6	251.3	151.8	244.5	263.8	257.9	82.8	8.2	1744.6
2	1969	23.2	3.2	8.0	0.0	155.1	151.5	308.3	178.7	314.5	261.1	25.2	3.8	1432.6
3	1970	15.0	43.0	23.7	183.9	118.4	225.5	194.1	300.6	544.2	132.7	80.3	23.4	1884.8
4	1978	0.0	0.0	13.0	300.7	110.3	188.4	204.5	482.3	248.0	345.4	136.1	0.0	2028.7
5	1979	39.3	33.2	89.9	252.5	206.8	318.5	411.7	353.6	261.1	267.2	74.7	9.1	2317.6
6	1980	10.0	11.0	21.0	75.4	154.9	511.3	172.5	382.8	347.6	276.5	89.0	9.5	2061.5
7	1981	0.0	51.5	7.5	152.0	136.0	340.1	118.7	324.5	251.5	265.0	5.0	0.0	1651.8
8	1982	0.0	0.0	0.0	27.8	131.8	242.1	243.1	269.3	579.5	142.7	46.3	0.0	1682.6
9	1983	0.0	0.0	0.0	0.0	8.8	507.7	126.3	429.8	497.2	454.3	96.8	10.2	2131.1
10	1987	0.0	0.0	0.0	27.5	98.8	167.1	138.3	174.5	160.5	147.0	90.5	0.0	1004.2
11	1990	0.0	0.0	7.3	55.7	172.8	386.6	134.7	323.2	232.9	93.3	122.5	32.0	1561.0
12	1993	7.4	0.0	76.5	110.0	49.6	213.5	167.1	119.7	169.7	159.1	73.1	81.2	1226.9
13	1997	0.0	39.7	22.1	89.1	187.9	171.2	244.5	290.9	239.5	103.6	30.8	50.0	1469.3
Average		7.3	14.1	21.6	110.4	141.7	282.7	201.2	298.0	316.2	223.5	73.3	17.5	1707.4

Province : Lam Dong		At : Da Te											(Unit : mm)	
No.	Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
1	1979	0.0	0.0	0.0	70.3	87.3	272.1	505.5	622.7	244.9	194.5	221.4	0.0	2218.7
2	1981	15.3	36.9	12.3	212.0	269.4	973.8	826.0	901.1	1038.1	485.1	376.6	52.7	5199.3
3	1982	0.0	9.4	62.8	381.3	301.6	648.0	621.8	548.3	416.9	128.5	261.0	34.7	3414.3
4	1983	12.6	0.0	0.0	68.8	206.8	438.4	481.0	563.9	293.5	557.1	211.8	58.8	2892.7
5	1984	0.0	0.0	0.0	238.1	488.2	402.3	455.5	877.1	271.8	498.6	100.2	104.9	3436.7
6	1985	0.0	0.0	60.0	116.5	311.4	446.2	345.0	319.5	266.7	337.6	140.3	159.5	2502.7
7	1986	0.0	0.0	30.0	59.5	346.6	239.1	318.0	928.3	461.7	370.2	132.8	40.4	2926.6
8	1987	5.5	2.2	0.0	76.8	320.1	550.9	566.1	604.2	389.5	78.1	118.2	3.5	2715.1
9	1989	0.0	0.0	57.2	62.9	285.8	383.0	633.1	428.2	392.2	256.5	108.8	0.0	2607.7
10	1990	0.0	0.0	90.7	55.8	184.9	632.1	316.0	675.2	331.5	274.1	244.4	16.3	2821.0
11	1991	9.0	0.0	13.8	90.8	220.9	308.9	532.0	539.3	545.9	206.1	64.3	54.2	2585.2
12	1993	0.0	0.0	0.0	51.8	172.5	321.5	404.5	609.3	435.2	260.6	112.5	83.0	2450.9
Average		3.5	4.0	27.2	123.7	266.3	468.0	500.4	634.8	424.0	303.9	174.4	50.7	2980.9

Attachment-C1: Monthly Rainfall (5/6)

		Province : Lam Dong											At : Bao Loc		(Unit : mm)
No.	Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total	
1	1950	353.9	67.4	91.9	88.3	121.4	166.0	316.6	420.5	420.6	201.0	205.8	2.7	2456.1	
2	1951	50.1	53.6	159.5	250.8	271.8	195.8	237.5	447.6	347.9	320.8	379.9	53.5	2768.8	
3	1952	30.1	34.0	74.5	106.6	243.8	438.3	363.8	611.0	413.9	549.7	143.8	62.4	3071.9	
4	1953	15.7	150.7	107.4	121.5	95.1	592.1	215.8	496.3	433.6	189.0	330.0	136.9	2884.1	
5	1954	137.2	24.3	160.5	133.4	179.8	155.8	328.1	324.8	548.2	247.6	43.5	34.8	2318.0	
6	1955	27.8	5.1	8.7	211.6	315.3	297.7	213.9	308.9	380.2	445.6	165.2	93.3	2473.3	
7	1956	79.9	3.0	104.6	213.9	396.0	138.3	286.1	458.1	352.3	376.9	171.7	18.4	2599.2	
8	1957	9.8	31.7	184.1	180.5	105.3	145.7	328.6	533.8	383.7	408.6	194.4	30.7	2536.9	
9	1958	45.9	71.4	48.5	191.0	338.6	238.7	279.8	362.9	359.7	297.1	113.0	3.7	2350.3	
10	1959	19.4	31.0	101.6	204.9	237.3	246.9	268.5	401.1	237.5	358.5	134.3	113.2	2354.2	
11	1960	46.7	56.0	209.2	158.6	159.5	320.4	257.7	515.5	247.5	314.1	171.1	120.5	2576.8	
12	1961	61.6	38.5	178.6	96.4	391.7	604.1	339.7	474.4	252.6	424.0	167.1	86.5	3115.2	
13	1962	35.5	15.7	70.8	189.5	269.4	242.6	740.4	230.2	80.5	291.0	2.0	131.5	2299.1	
14	1963	7.5	32.2	11.7	2.3	24.6	49.7	43.1	383.3	392.2	611.8	101.6	57.8	1717.8	
15	1964	60.2	50.6	46.3	54.6	369.1	152.5	320.0	429.5	391.7	304.7	180.6	106.0	2465.8	
16	1965	29.3	15.6	159.9	53.9	256.3	345.4	463.8	363.4	409.5	181.5	286.5	34.2	2599.3	
17	1966	17.8	2.6	200.8	208.4	323.5	179.5	405.2	241.5	553.4	185.5	149.1	122.8	2590.1	
18	1967	54.9	4.1	141.1	246.4	198.3	338.1	461.0	651.1	360.7	299.6	145.0	64.9	2965.2	
19	1968	44.6	0.0	0.0	315.3	193.8	231.1	335.5	541.4	397.6	376.2	187.8	33.5	2656.8	
20	1969	99.2	26.7	40.7	136.4	297.8	233.8	482.7	406.0	529.8	352.5	78.9	99.7	2784.2	
21	1970	140.2	12.9	63.6	366.0	210.4	384.4	470.8	356.0	352.9	491.3	75.7	61.7	2985.9	
22	1971	0.0	67.5	87.8	126.1	201.8	275.3	427.2	261.3	313.8	224.4	104.8	91.0	2181.0	
23	1972	120.1	120.6	142.7	93.4	237.2	353.9	787.3	447.6	777.3	267.0	0.0	0.0	3347.1	
24	1974	65.7	34.8	177.3	227.9	310.7	248.4	93.0	650.0	307.6	319.0	124.1	44.7	2603.2	
25	1976	25.5	46.4	244.2	155.9	303.9	264.0	365.2	278.4	361.9	232.6	89.5	122.2	2489.7	
26	1977	167.5	19.8	1.8	225.2	189.7	211.4	283.3	232.6	437.4	289.4	220.9	47.4	2326.4	
27	1978	37.7	46.6	190.5	250.9	223.8	205.8	349.8	703.2	485.8	362.5	139.7	135.3	3131.6	
28	1979	2.6	57.9	140.8	245.1	366.4	386.5	588.9	483.5	292.4	333.6	126.6	46.3	3070.6	
29	1980	59.0	29.0	100.3	165.7	211.8	522.1	516.9	403.0	540.0	342.9	217.1	83.3	3191.1	
30	1981	90.1	122.8	12.8	189.5	167.4	619.6	202.1	557.3	393.0	327.5	119.3	12.7	2814.1	
31	1982	7.2	70.9	109.3	345.5	271.1	298.4	385.3	371.0	487.6	267.8	406.8	4.3	3025.2	
32	1983	26.1	48.0	86.5	255.9	95.3	398.5	367.2	388.9	400.5	331.4	313.6	40.1	2752.0	
33	1984	68.7	2.2	16.6	165.9	224.6	277.2	216.5	959.9	185.0	199.6	0.0	0.0	2316.2	
34	1985	76.6	73.4	61.7	270.9	165.6	508.7	223.1	334.6	347.7	349.0	123.9	182.0	2717.2	
35	1986	10.2	41.7	227.0	102.7	338.3	187.3	318.1	741.5	609.4	311.3	189.2	112.3	3189.0	
36	1987	17.9	55.7	29.3	98.0	164.0	321.7	412.7	445.2	294.7	333.7	275.7	0.0	2448.6	
37	1988	130.5	89.0	113.8	260.1	138.0	280.6	236.1	208.9	358.6	312.3	66.6	0.0	2194.5	
38	1989	6.0	0.2	84.0	242.4	373.5	360.0	490.4	361.8	231.3	325.6	72.5	31.0	2578.7	
39	1990	2.2	157.0	93.8	84.4	192.7	449.2	256.2	649.1	419.3	249.9	133.4	123.8	2811.0	
40	1991	46.0	11.2	29.4	162.8	201.3	199.9	438.3	533.8	430.7	152.8	32.4	161.9	2400.5	
41	1992	48.5	3.0	174.7	84.8	363.2	237.3	332.9	504.8	272.9	334.4	101.0	19.6	2477.1	
42	1993	16.2	61.0	63.1	87.6	207.9	294.7	438.3	414.2	385.9	502.1	149.7	87.6	2708.3	
43	1994	24.5	75.0	74.1	212.1	261.0	247.8	670.0	324.3	0.0	278.2	135.8	144.7	2447.5	
44	1995	51.1	27.7	151.2	114.2	182.1	252.4	384.2	493.3	414.5	291.4	143.4	86.8	2592.3	
45	1996	62.1	30.8	19.5	434.8	125.7	210.6	304.7	350.2	514.9	181.3	134.3	52.4	2421.3	
46	1997	5.1	187.2	94.7	538.3	292.4	245.0	620.7	601.0	263.2	337.9	173.7	24.0	3383.2	
47	1998	6.3	57.8	5.4	179.6	347.3	181.5	109.0	266.5	450.2	292.3	430.5	145.9	2472.3	
Average		54.1	48.2	99.9	188.3	237.4	292.2	361.2	445.2	379.2	318.7	158.5	69.5	2652.3	

Attachment-C1: Monthly Rainfall (6/6)

Province : Song Be		At : Phuoc Long												(Unit : mm)
No.	Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
1	1961	69.0	4.5	66.8	121.1	376.7	300.9	228.5	553.7	399.7	503.6	35.7	49.8	2710.0
2	1962	2.0	0.0	3.2	160.4	320.5	269.3	674.2	442.7	577.4	341.6	28.0	1.2	2820.5
3	1963	0.0	0.0	41.3	1.0	369.5	252.4	438.8	762.4	409.9	542.6	190.1	82.2	3090.2
4	1964	22.7	8.0	3.1	70.2	727.7	325.7	249.6	429.4	320.1	310.5	288.2	5.8	2761.0
5	1978	17.0	0.0	40.0	221.6	175.5	387.2	240.0	653.5	428.1	315.6	73.7	17.8	2570.0
6	1979	0.0	11.4	68.8	206.3	354.2	439.7	439.3	486.7	444.4	288.0	41.5	21.8	2802.1
7	1980	7.2	4.7	36.7	34.3	245.1	468.1	320.1	368.1	558.5	263.1	154.6	0.0	2460.5
8	1981	9.7	3.6	29.1	153.9	326.4	523.3	341.9	452.9	447.3	0.0	0.0	0.0	2288.1
9	1982	0.0	38.2	19.6	72.3	121.1	487.2	206.4	502.7	392.3	281.2	71.0	0.0	2192.0
10	1983	4.3	3.2	0.0	36.7	158.0	251.1	346.0	262.9	507.9	287.8	208.6	16.1	2082.6
11	1984	2.2	1.8	60.4	170.5	347.5	359.7	298.1	459.7	423.6	286.7	46.7	27.2	2484.1
12	1985	7.0	50.9	27.1	221.2	279.9	225.2	313.6	368.2	556.0	283.6	184.0	30.8	2547.5
13	1986	0.0	29.5	0.4	77.5	217.4	218.7	355.0	954.1	557.0	272.3	175.5	102.5	2959.9
14	1987	0.0	0.0	10.5	104.2	260.1	519.1	450.6	273.1	402.3	296.1	256.2	0.0	2572.2
15	1988	4.4	18.5	0.1	81.6	272.3	312.5	330.9	292.5	206.9	489.4	115.5	0.0	2124.6
16	1989	9.0	0.0	92.2	52.9	377.8	245.2	434.2	378.3	489.9	303.6	261.6	0.0	2644.7
17	1990	5.5	0.0	17.5	37.6	333.1	698.5	482.5	470.9	321.1	279.3	212.4	0.0	2858.4
18	1991	0.0	14.0	2.0	54.7	253.0	215.5	470.3	509.9	534.2	211.4	0.0	0.0	2265.0
19	1992	0.0	0.0	17.2	51.3	344.2	574.0	309.6	743.9	349.3	209.1	1.7	0.0	2600.3
20	1993	12.1	0.0	97.7	115.7	214.8	389.3	266.6	424.9	424.6	315.4	26.3	58.8	2346.2
21	1994	4.7	11.3	118.0	215.2	235.5	314.4	464.0	494.3	854.2	341.1	15.4	130.8	3198.9
22	1995	9.5	31.7	65.5	29.3	242.1	299.6	943.0	395.8	447.6	385.5	43.5	12.7	2905.8
23	1996	2.0	15.0	56.2	160.7	548.2	527.7	390.7	283.4	673.6	290.3	244.8	13.8	3206.4
24	1997	0.0	64.3	7.1	97.3	393.0	259.9	771.1	442.8	331.4	415.0	144.1	0.7	2926.7
25	1998	4.1	10.0	0.0	42.7	165.6	249.1	281.3	319.3	624.4	235.3	247.9	116.2	2295.9
Average		7.7	12.8	35.2	103.6	306.4	364.5	401.9	469.0	467.3	309.9	122.7	27.5	2628.5

Province : Lam Dong		At : Ta Lai												(Unit : mm)
No.	Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
1	1979	0.0	0.0	32.3	147.6	292.2	385.0	516.8	234.4	559.1	264.6	187.2	12.7	2631.9
2	1980	25.9	0.0	26.5	77.3	324.5	599.0	288.3	493.9	398.8	336.5	208.3	27.2	2806.2
3	1981	16.0	33.2	32.1	99.5	204.2	550.5	296.5	374.1	562.9	251.0	158.4	16.0	2594.4
4	1982	0.0	15.6	36.0	160.0	225.4	451.1	599.1	386.0	434.9	392.3	262.6	0.6	2963.6
5	1983	14.5	0.0	1.2	83.8	285.9	416.0	563.4	525.8	377.0	500.9	72.4	55.5	2926.4
6	1984	30.0	0.0	0.0	282.1	244.3	481.5	411.4	626.6	221.9	300.8	34.2	150.9	2813.7
8	1986	16.1	0.4	132.0	50.0	429.4	315.6	521.2	752.0	573.0	365.4	228.6	19.0	3402.7
9	1987	0.8	0.0	43.8	2.6	185.5	497.5	382.6	644.1	316.2	258.4	149.5	81.0	2562.0
10	1988	1.5	37.9	0.6	179.8	231.5	435.5	369.1	479.1	332.7	234.8	115.7	0.1	2418.3
11	1989	8.4	0.0	128.1	115.4	233.2	415.0	624.4	359.4	454.0	217.7	143.8	0.0	2699.4
12	1990	2.5	0.0	36.9	106.3	218.8	605.2	350.9	683.2	274.9	414.7	158.0	21.9	2873.3
13	1991	6.4	8.9	8.5	74.4	98.7	386.4	473.5	622.9	588.3	358.6	25.3	15.0	2666.9
14	1992	6.7	24.1	14.8	100.9	285.8	419.6	248.1	617.3	421.6	371.6	67.8	10.5	2588.8
15	1993	46.9	0.1	104.1	80.2	329.6	339.3	330.1	631.7	517.5	388.9	193.3	38.5	3000.2
16	1994	8.7	15.8	138.7	82.4	501.0	345.7	539.8	371.7	591.1	253.4	30.5	128.5	3007.3
17	1995	16.5	0.0	37.8	36.5	300.9	272.4	387.9	562.1	394.2	220.9	93.9	28.2	2351.3
18	1996	31.4	61.5	94.0	255.0	324.8	182.7	263.6	524.0	468.1	345.9	161.3	6.9	2719.2
19	1997	0.0	136.7	18.3	222.6	307.0	139.6	597.8	413.3	285.1	336.1	95.9	46.2	2598.6
20	1998	0.0	26.1	57.5	140.6	277.8	189.0	283.7	278.8	502.9	414.7	350.8	136.9	2658.8
Average		12.2	19.0	49.6	120.9	279.0	392.5	425.2	504.2	435.5	327.7	144.1	41.9	2751.7

Attachment C2

Observed Daily Discharges at Ta Lai SGS

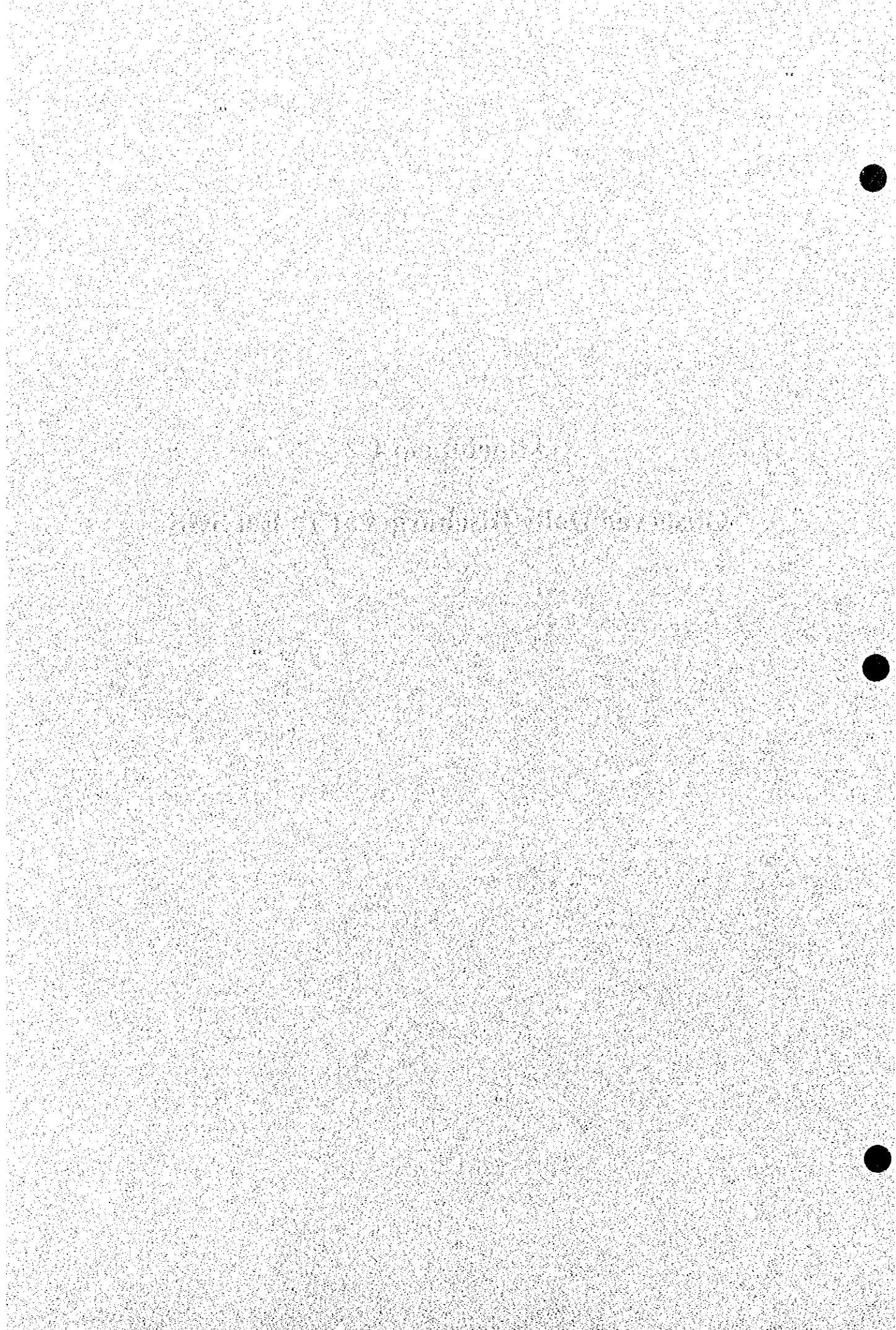
Attachment-C1: Monthly Rainfall (6/6)

Province : Song Be		At : Phuoc Long												(Unit : mm)
No.	Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
1	1961	69.0	4.5	66.8	121.1	376.7	300.9	228.5	553.7	399.7	503.6	35.7	49.8	2710.0
2	1962	2.0	0.0	3.2	160.4	320.5	269.3	674.2	442.7	577.4	341.6	28.0	1.2	2820.5
3	1963	0.0	0.0	41.3	1.0	369.5	252.4	438.8	762.4	409.9	542.6	190.1	82.2	3090.2
4	1964	22.7	8.0	3.1	70.2	727.7	325.7	249.6	429.4	320.1	310.5	288.2	5.8	2761.0
5	1978	17.0	0.0	40.0	221.6	175.5	387.2	240.0	653.5	428.1	315.6	73.7	17.8	2570.0
6	1979	0.0	11.4	68.8	206.3	354.2	439.7	439.3	486.7	414.4	288.0	41.5	21.8	2802.1
7	1980	7.2	4.7	36.7	34.3	245.1	468.1	320.1	368.1	558.5	263.1	154.6	0.0	2460.5
8	1981	9.7	3.6	29.1	153.9	326.4	523.3	341.9	452.9	447.3	0.0	0.0	0.0	2288.1
9	1982	0.0	38.2	19.6	72.3	121.1	487.2	206.4	502.7	392.3	281.2	71.0	0.0	2192.0
10	1983	4.3	3.2	0.0	36.7	158.0	251.1	346.0	262.9	507.9	287.8	208.6	16.1	2082.6
11	1984	2.2	1.8	60.4	170.5	347.5	359.7	298.1	459.7	423.6	286.7	46.7	27.2	2484.1
12	1985	7.0	50.9	27.1	221.2	279.9	225.2	313.6	368.2	556.0	283.6	184.0	30.8	2547.5
13	1986	0.0	29.5	0.4	77.5	217.4	218.7	355.0	954.1	557.0	272.3	175.5	102.5	2959.9
14	1987	0.0	0.0	10.5	104.2	260.1	519.1	450.6	273.1	402.3	296.1	256.2	0.0	2572.2
15	1988	4.4	18.5	0.1	81.6	272.3	312.5	330.9	292.5	206.9	489.4	115.5	0.0	2124.6
16	1989	9.0	0.0	92.2	52.9	377.8	245.2	434.2	378.3	489.9	303.6	261.6	0.0	2644.7
17	1990	5.5	0.0	17.5	37.6	333.1	698.5	482.5	470.9	321.1	279.3	212.4	0.0	2858.4
18	1991	0.0	14.0	2.0	54.7	253.0	215.5	470.3	509.9	534.2	211.4	0.0	0.0	2265.0
19	1992	0.0	0.0	17.2	51.3	344.2	574.0	309.6	743.9	349.3	209.1	1.7	0.0	2600.3
20	1993	12.1	0.0	97.7	115.7	214.8	389.3	266.6	424.9	424.6	315.4	26.3	58.8	2346.2
21	1994	4.7	11.3	118.0	215.2	235.5	314.4	464.0	494.3	854.2	341.1	15.4	130.8	3198.9
22	1995	9.5	31.7	65.5	29.3	242.1	299.6	943.0	395.8	447.6	385.5	43.5	12.7	2905.8
23	1996	2.0	15.0	56.2	160.7	548.2	527.7	390.7	283.4	673.6	290.3	244.8	13.8	3206.4
24	1997	0.0	64.3	7.1	97.3	393.0	259.9	771.1	442.8	331.4	415.0	144.1	0.7	2926.7
25	1998	4.1	10.0	0.0	42.7	165.6	249.1	281.3	319.3	624.4	235.3	247.9	116.2	2295.9
Average		7.7	12.8	35.2	103.6	306.4	364.5	401.9	469.0	467.3	309.9	122.7	27.5	2628.5

Province : Lam Dong		At : Ta Lai												(Unit : mm)
No.	Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
1	1979	0.0	0.0	32.3	147.6	292.2	385.0	516.8	234.4	559.1	264.6	187.2	12.7	2631.9
2	1980	25.9	0.0	26.5	77.3	324.5	599.0	288.3	493.9	398.8	336.5	208.3	27.2	2806.2
3	1981	16.0	33.2	32.1	99.5	204.2	550.5	296.5	374.1	562.9	251.0	158.4	16.0	2594.4
4	1982	0.0	15.6	36.0	160.0	225.4	451.1	599.1	386.0	434.9	392.3	262.6	0.6	2963.6
5	1983	14.5	0.0	1.2	83.8	285.9	446.0	563.4	525.8	377.0	500.9	72.4	55.5	2926.4
6	1984	30.0	0.0	0.0	282.1	244.3	481.5	441.4	626.6	221.9	300.8	34.2	150.9	2813.7
8	1986	16.1	0.4	132.0	50.0	429.4	315.6	521.2	752.0	573.0	365.4	228.6	19.0	3402.7
9	1987	0.8	0.0	43.8	2.6	185.5	497.5	382.6	644.1	316.2	258.4	149.5	81.0	2562.0
10	1988	1.5	37.9	0.6	179.8	231.5	435.5	369.1	479.1	332.7	234.8	115.7	0.1	2418.3
11	1989	8.4	0.0	128.1	115.4	233.2	415.0	624.4	359.4	454.0	217.7	143.8	0.0	2699.4
12	1990	2.5	0.0	36.9	106.3	218.8	605.2	350.9	683.2	274.9	414.7	158.0	21.9	2873.3
13	1991	6.4	8.9	8.5	74.4	98.7	386.4	473.5	622.9	588.3	358.6	25.3	15.0	2666.9
14	1992	6.7	24.1	14.8	100.9	285.8	419.6	248.1	617.3	421.6	371.6	67.8	10.5	2588.8
15	1993	46.9	0.1	104.1	80.2	329.6	339.3	330.1	631.7	517.5	388.9	193.3	38.5	3000.2
16	1994	8.7	15.8	138.7	82.4	501.0	345.7	539.8	371.7	591.1	253.4	30.5	128.5	3007.3
17	1995	16.5	0.0	37.8	36.5	300.9	272.4	387.9	562.1	394.2	220.9	93.9	28.2	2351.3
18	1996	31.4	61.5	94.0	255.0	324.8	182.7	263.6	524.0	468.1	345.9	161.3	6.9	2719.2
19	1997	0.0	136.7	18.3	222.6	307.0	139.6	597.8	413.3	285.1	336.1	95.9	46.2	2598.6
20	1998	0.0	26.1	57.5	140.6	277.8	189.0	283.7	278.8	502.9	414.7	350.8	136.9	2658.8
Average		12.2	19.0	49.6	120.9	279.0	392.5	425.2	504.2	435.5	327.7	144.1	41.9	2751.7

Attachment C2

Observed Daily Discharges at Ta Lai SGS



Attachment-C2: Observed Daily Discharges at Ta Lai SGS (1/4)

River: Dong Nai													River: Dong Nai												
At: Ta Lai SGS													At: Ta Lai SGS												
Year: 1979													Year: 1980												
(Unit: m3/Sec)													(Unit: m3/Sec)												
Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	78.8	61.8	33.0	27.4	46.3	78.8	855.4	950.0	621.7	839.8	416.6	214.0	1	105.0	73.8	36.8	31.8	34.1	101.0	294.0	353.0	1034.8	839.8	756.6	290.6
2	77.1	45.5	34.1	28.1	45.5	78.8	897.0	976.5	606.4	819.0	412.0	208.2	2	99.0	72.2	36.8	31.8	32.7	107.0	277.0	365.0	987.1	855.4	689.0	260.4
3	75.3	45.5	33.0	28.1	53.2	80.6	1008.3	1034.8	601.3	876.2	412.0	199.5	3	97.0	69.2	36.8	31.8	31.6	124.5	261.0	357.0	934.1	944.7	631.9	277.0
4	75.3	45.5	32.3	28.8	47.0	140.8	1003.0	1080.0	560.9	839.8	475.0	196.6	4	93.0	66.1	36.3	31.8	31.2	124.5	251.4	333.8	1013.6	934.1	631.9	270.6
5	75.3	42.4	31.2	28.1	47.0	131.4	1442.0	1421.0	545.0	979.7	416.6	220.2	5	89.5	63.1	36.8	31.2	31.2	122.2	277.0	307.6	992.4	912.9	689.0	270.6
6	70.7	40.8	30.8	28.1	53.2	122.2	1326.0	1414.0	545.0	997.7	416.6	220.2	6	85.0	60.0	37.3	30.8	31.8	131.4	297.4	304.2	1136.0	845.0	730.6	277.0
7	69.2	40.3	30.4	27.4	54.3	131.4	1442.0	1421.0	525.0	897.0	384.2	232.6	7	84.2	57.7	36.8	30.4	34.8	131.4	304.2	273.8	1154.6	865.8	751.4	294.0
8	66.1	39.8	30.4	31.8	69.2	145.6	1421.0	1336.0	505.0	819.0	377.0	202.4	8	82.4	55.4	36.3	29.6	43.9	160.0	316.2	251.4	1120.0	944.7	793.0	273.8
9	63.1	38.8	29.6	33.7	72.2	165.0	1485.2	1313.0	470.0	679.0	357.0	185.0	9	80.6	51.0	35.8	28.8	47.0	205.3	471.2	261.0	1117.0	928.8	746.2	267.4
10	63.1	38.8	29.2	34.8	69.2	160.0	1306.5	1340.5	450.0	678.6	354.0	185.0	10	80.6	48.6	35.8	28.1	66.1	283.8	435.0	251.4	1104.0	918.2	668.2	245.0
11	61.5	37.8	30.0	37.3	61.5	160.0	1204.3	1274.0	435.0	631.9	333.8	170.0	11	78.8	47.8	36.3	27.8	71.2	273.8	411.2	267.4	1136.0	903.3	606.4	322.6
12	60.0	36.8	31.2	40.8	63.1	140.8	1040.1	1267.0	412.0	591.1	318.6	165.0	12	75.3	47.0	35.8	27.4	78.8	257.8	407.4	257.8	1129.4	855.4	586.0	317.1
13	57.7	35.8	31.8	40.8	63.0	136.0	928.8	1235.8	425.8	550.3	300.8	160.0	13	75.3	46.3	35.8	29.6	85.9	235.3	353.0	270.6	1120.0	813.8	565.6	208.2
14	56.6	35.8	31.2	40.8	53.2	152.8	912.9	1179.4	407.4	520.0	297.4	152.8	14	72.2	45.5	35.1	31.2	89.5	226.4	463.0	248.2	1058.0	782.6	535.0	199.5
15	55.4	35.8	33.7	37.1	54.3	175.0	871.0	1223.2	398.2	663.0	297.4	145.6	15	70.7	44.7	35.1	33.0	93.0	226.4	440.0	261.0	1055.0	735.8	505.0	199.5
16	53.2	38.3	42.4	32.7	69.2	165.0	824.2	1154.6	412.0	1018.9	311.0	140.8	16	69.2	43.9	34.4	43.9	113.0	270.6	365.0	353.0	1013.6	720.2	475.0	202.4
17	53.2	36.8	45.5	34.1	72.2	177.5	793.0	1136.0	435.0	1050.7	297.4	140.8	17	66.1	43.1	33.7	82.4	150.4	341.4	326.2	393.6	950.0	689.0	500.0	114.0
18	50.9	35.1	39.8	33.7	97.0	175.0	746.2	1090.7	485.0	971.2	280.4	136.0	18	66.1	43.1	33.0	75.3	160.0	335.0	311.0	575.8	881.4	668.2	535.0	205.3
19	50.9	34.4	35.3	33.0	93.0	235.7	678.6	1068.3	515.0	865.8	353.0	136.0	19	63.1	43.1	34.4	54.3	153.2	435.0	307.6	761.8	819.0	663.0	586.0	190.8
20	49.7	33.7	33.0	33.7	136.0	402.8	663.0	960.6	505.0	767.0	616.6	314.0	20	63.1	42.4	36.3	40.8	153.2	616.6	337.6	741.0	772.2	626.8	590.0	180.0
21	48.6	33.7	31.8	39.8	162.5	647.4	637.0	1008.3	535.0	683.8	626.8	126.8	21	60.0	42.4	37.8	40.3	138.4	555.4	365.0	725.4	730.6	626.8	590.0	170.0
22	47.8	33.4	31.2	45.5	165.0	652.6	596.2	1045.4	535.0	631.9	475.0	124.5	22	60.0	42.4	36.8	37.8	129.1	460.0	412.0	596.2	715.0	631.9	465.0	165.0
23	47.0	33.0	31.8	49.7	202.4	735.8	611.5	997.7	570.7	616.6	361.0	122.2	23	57.7	40.8	36.3	37.3	133.7	369.0	416.6	596.2	751.4	626.8	421.2	160.0
24	47.0	32.7	32.3	53.2	185.0	62.6	575.8	918.2	515.0	580.9	326.2	122.2	24	56.6	39.8	35.8	37.8	124.5	341.4	445.0	611.5	767.0	637.0	369.0	157.6
25	45.5	32.3	33.7	55.4	165.0	720.2	616.6	839.8	525.0	545.2	297.4	117.6	25	55.4	38.8	35.1	35.8	105.0	377.6	398.2	657.8	767.0	602.2	365.0	152.2
26	44.7	32.1	34.4	50.9	143.2	710.2	735.8	575.8	515.0	580.9	777.0	115.3	26	54.3	38.3	33.7	34.1	101.0	341.4	381.0	668.2	819.0	606.4	345.2	152.2
27	43.9	32.1	33.0	48.6	119.9	751.4	657.8	735.8	540.1	570.7	254.6	113.0	27	54.3	37.8	33.0	35.1	91.2	326.2	389.0	699.4	813.8	616.6	300.0	150.4
28	43.1	32.7	31.2	48.6	84.2	741.0	735.8	725.4	626.8	555.4	245.0	109.0	28	49.7	37.3	33.0	37.8	97.0	314.8	412.0	855.4	860.6	746.2	322.4	145.6
29	42.4	28.1	47.8	85.9	715.0	819.0	720.2	813.8	500.0	238.8	103.0	29	47.0	37.3	32.3	37.3	101.0	307.6	416.6	1158.0	860.6	767.0	311.0	145.6	
30	42.4	27.4	47.8	122.2	725.4	1024.2	694.2	845.0	455.0	233.3	117.6	30	45.5	37.3	31.8	35.1	95.0	294.0	407.4	1254.7	865.8	829.4	297.4	140.8	
31	42.4	27.4	27.8	84.2	91.2	987.1	663.0	425.8	425.8	425.8	117.6	31	42.4	37.8	31.8	89.5	97.0	373.0	1128.0	808.6					
Mean	56.66	37.08	32.65	37.99	52.13	340.39	910.46	1059.51	530.93	717.73	359.73	155.17	Mean	78.18	48.96	35.23	37.34	88.48	280.70	364.33	521.91	951.83	773.72	513.60	208.94
Max.	78.84	45.48	45.48	55.44	202.40	751.40	1485.20	1471.00	845.00	1050.70	626.80	232.60	Max.	105.00	73.77	37.80	82.38	160.00	616.60	465.00	1254.70	1179.40	947.00	793.00	294.00
Min.	42.36	32.07	27.44	27.44	45.48	78.84	575.80	663.00	398.20	425.80	223.30	103.00	Min.	54.30	37.30	31.83	27.44	31.20	101.00	251.40	248.20	715.00	605.40	297.40	136.00

River: Dong Nai													River: Dong Nai												
At: Ta Lai SGS													At: Ta Lai SGS												
Year: 1981													Year: 1982												
(Unit: m3/Sec)													(Unit: m3/Sec)												
Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	131.4	97.0	48.6	33.4	39.8	85.9	416.6	425.8	652.6	845.0	596.2	232.6	1	122	67.7	41.7	50.9	73.8	89.5	334	561	679	637	319	264
2	131.4	97.0	47.0	33.0	38.8	82.4	341.4	495.0	606.4	793.0	585.0	226.4	2	122	66.1	53.2	47.0	67.7	89.5	301	647	720	647	304	245
3	126.8	101.0	47.0	32.3	39.3	78.8	314.8	416.6	575.8	751.4	570.7	290.6	3	118	64.6	49.7	53.2	63.1	75.3	304	627	953	637	291	233
4	124.5	95.0	46.3	31.8	38.3	73.8	480.0	421.2	570.7	725.4	545.2	341.4	4	115	63.1	46.3	72.2	82.4	72.2	403	545	1120	601	297	220
5	122.2	91.2	45.5	31.8	36.8	85.9	480.0	657.8	606.4	730.6	530.0	425.8	5	113	60.0	43.9	63.1	78.8	75.3	376	495	1236	647	315	214
6	119.9	82.4	43.9	32.3	38.3	119.9	425.8	715.0	575.8	663.0	490.0	373.0	6	111	58.9	42.4	57.7	75.3	80.6	561	485	1649	658	334	202
7	119.9	75.3	42.4	32.3	45.5	117.6	365.0	730.6	570.7	616.6	435.0	290.6	7	109	57.7	40.8	84.2	57.7	113	571	455	1808	663	334	202
8	117.6	72.2	41.6	33.4	50.9	122.2	318.6	735.8	535.0	570.7	402.8	235.7	8	105	56.6	39.8	109	48.6	148	689	490	1559	673	334	200
9	115.3	70.7	40.3	33.0	56.6	165.0	297.4	876.2	535.0	591.1	385.0	211.1	9	101	55.4	38.8	93.0	44.7	155	555	515	1739	746	341	191
10	113.0	69.2	39.8	33.4	70.7	202.4	330.0	1056.0	540.1	616.6	365.0	208.2	10	97.0	54.3	38.8	89.5	43.9	170	450	632	1675	699	357	185
11	111.0	64.6	39.8	32.7	85.9	254.6	440.0	1136.0	525.0	715.0	425.8	220.2	11	95.0	53.2	39.8	85.9	43.9	173	403	689	1522	668	349	180
12	109.0	66.1	39.8	33.7	73.8	232.6	412.0	1034.8	495.0	751.4	480.0	264.2	12	93.0	52.2	43.1	70.7	47.8	158	475	612	1373	658	407	175
13	105.0	69.2	40.8	34.4	64.6	223.3	389.0	961.8	485.0																

Attachment-C2: Observed Daily Discharges at Ta Lai SGS (2/4)

River: Dong Nai	At: Ta Lai SGS												Year: 1985												(Unit: m3/sec)													
	Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.
1	89.3	55.0	45.6	43.5	276.0	127.0	330.0	291.0	455.0	612.0	476.0	226.0	1	117.0	61.1	42.6	41.2	28.1	153.0	174.0	350.0	833.0	1020.0	498.0	245.0	1	106.0	57.0	45.9	33.8	48.8	85.9	156.0	571.0	287.0	728.0	514.0	206.0
2	87.4	52.7	48.6	42.2	277.0	127.0	258.0	287.0	455.0	710.0	407.0	214.0	2	113.0	59.9	41.2	43.2	26.5	205.0	177.0	376.0	760.0	1110.0	433.0	235.0	2	104.0	56.2	45.2	41.8	52.8	76.1	146.0	571.0	287.0	630.0	492.0	202.0
3	85.6	50.6	53.7	38.6	233.0	105.0	296.0	35.0	450.0	505.0	381.0	208.0	3	109.0	58.7	41.2	45.4	26.0	184.0	268.0	560.0	747.0	1110.0	410.0	251.0	3	102.0	55.3	44.4	53.6	51.9	87.8	156.0	602.0	265.0	607.0	421.0	192.0
4	83.7	48.6	58.7	36.7	180.0	138.0	290.0	291.0	443.0	1040.0	359.0	268.0	4	109.0	58.7	37.4	44.6	24.9	140.0	336.0	435.0	741.0	1120.0	453.0	356.0	4	104.0	53.6	41.8	50.3	47.3	106.0	180.0	566.0	250.0	602.0	379.0	186.0
5	83.7	48.6	60.0	35.0	141.0	170.0	282.0	267.0	539.0	992.0	371.0	245.0	5	105.0	58.7	37.4	41.2	28.1	127.0	317.0	578.0	900.0	1050.0	453.0	360.0	5	110.0	53.6	41.8	45.2	43.0	114.0	258.0	498.0	240.0	666.0	351.0	182.0
6	82.0	47.7	60.0	34.3	115.0	168.0	297.0	264.0	576.0	548.0	361.0	238.0	6	101.0	57.6	35.0	37.4	34.4	176.0	379.0	717.0	923.0	982.0	457.0	340.0	6	112.0	51.9	40.7	40.7	40.1	236.0	229.0	420.0	236.0	680.0	338.0	177.0
7	82.0	47.7	53.0	38.6	97.0	160.0	373.0	251.0	581.0	838.0	381.0	258.0	7	98.8	56.6	35.0	34.4	38.6	118.0	144.0	1170.0	970.0	988.0	418.0	320.0	7	102.0	51.9	39.6	36.5	38.5	321.0	199.0	381.0	236.0	803.0	545.0	166.0
8	80.3	46.8	47.7	42.2	89.3	148.0	420.0	291.0	563.0	774.0	476.0	220.0	8	96.9	55.5	35.6	32.6	39.3	105.0	251.0	1140.0	877.0	935.0	397.0	294.0	8	93.4	51.9	40.7	38.5	36.9	265.0	196.0	344.0	233.0	1050.0	550.0	161.0
9	78.7	45.8	42.8	42.2	113.0	136.0	450.0	450.0	620.0	746.0	361.0	214.0	9	94.9	54.5	37.4	32.6	36.0	97.8	240.0	1500.0	843.0	946.0	372.0	258.0	9	93.4	51.9	43.0	43.0	36.4	205.0	199.0	317.0	244.0	1430.0	820.0	156.0
10	78.7	45.0	39.7	40.3	129.0	134.0	450.0	530.0	794.0	753.0	373.0	225.0	10	93.0	52.5	36.8	32.0	36.2	94.0	317.0	1440.0	820.0	929.0	348.0	237.0	10	91.5	51.9	41.8	50.3	37.9	166.0	208.0	309.0	262.0	1220.0	752.0	153.0
11	77.0	45.0	37.6	38.6	115.0	155.0	440.0	530.0	806.0	710.0	353.0	233.0	11	87.1	50.6	35.0	33.8	41.2	96.9	290.0	1520.0	786.0	854.0	335.0	218.0	11	91.5	52.8	40.7	57.0	43.0	202.0	208.0	294.0	378.0	1000.0	588.0	146.0
12	75.3	45.1	36.3	39.2	109.0	149.0	475.0	520.0	788.0	680.0	357.0	245.0	12	87.3	50.6	35.0	36.8	52.5	95.9	309.0	1330.0	758.0	797.0	317.0	205.0	12	89.7	51.9	39.6	54.4	49.6	196.0	215.0	272.0	305.0	872.0	514.0	143.0
13	73.7	45.1	35.8	39.7	115.0	159.0	445.0	500.0	714.0	705.0	341.0	233.0	13	85.5	48.7	35.0	48.7	55.5	94.0	272.0	1320.0	752.0	786.0	313.0	197.0	13	85.9	50.3	38.5	51.1	60.8	189.0	229.0	279.0	377.0	788.0	465.0	138.0
14	72.1	43.5	35.0	40.3	134.0	294.0	394.0	560.0	699.0	803.0	338.0	202.0	14	85.5	48.7	36.2	52.5	44.6	85.5	279.0	1350.0	899.0	820.0	341.0	183.0	14	82.6	46.8	37.4	45.9	73.2	212.0	257.0	360.0	385.0	728.0	460.0	136.0
15	70.6	43.5	34.7	40.8	127.0	353.0	394.0	617.0	672.0	842.0	341.0	185.0	15	85.5	47.9	37.4	47.1	39.9	89.1	368.0	1500.0	899.0	803.0	351.0	183.0	15	80.9	47.3	36.9	45.9	77.6	215.0	302.0	294.0	364.0	726.0	471.0	136.0
16	69.0	42.2	34.7	46.8	131.0	302.0	357.0	596.0	685.0	752.0	319.0	170.0	16	85.5	47.9	36.8	44.6	43.4	105.0	449.0	1580.0	877.0	820.0	444.0	172.0	16	79.3	45.9	36.4	50.3	79.3	236.0	394.0	283.0	406.0	732.0	456.0	132.0
17	67.4	42.2	33.6	48.6	158.0	356.0	377.0	555.0	642.0	664.0	334.0	165.0	17	85.5	47.1	38.6	41.9	56.6	117.0	428.0	1520.0	832.0	912.0	426.0	170.0	17	79.3	45.2	35.5	46.6	82.6	329.0	411.0	268.0	433.0	730.0	426.0	127.0
18	65.9	40.8	33.5	46.8	150.0	330.0	385.0	530.0	673.0	634.0	334.0	160.0	18	81.8	47.1	38.6	58.0	133.0	147.0	460.0	1430.0	797.0	832.0	611.0	164.0	18	76.1	45.9	35.0	45.9	73.2	325.0	364.0	254.0	473.0	680.0	375.0	127.0
19	64.4	40.8	32.9	45.1	153.0	662.0	435.0	595.0	716.0	624.0	304.0	155.0	19	81.8	46.2	38.0	36.2	278.0	231.0	449.0	1440.0	775.0	843.0	635.0	157.0	19	74.6	45.9	34.6	43.0	68.9	317.0	340.0	257.0	487.0	747.0	339.0	123.0
20	63.0	42.2	32.6	45.1	153.0	634.0	430.0	551.0	760.0	624.0	291.0	153.0	20	78.4	48.7	41.2	34.4	244.0	208.0	475.0	1540.0	797.0	832.0	540.0	153.0	20	73.2	51.1	34.6	43.7	65.1	268.0	333.0	257.0	490.0	753.0	316.0	123.0
21	61.5	42.2	32.6	49.6	150.0	604.0	381.0	596.0	712.0	580.0	271.0	138.0	21	76.4	48.7	44.6	37.4	220.0	218.0	551.0	1460.0	832.0	741.0	508.0	150.0	21	70.2	57.0	34.2	41.8	57.9	226.0	377.0	254.0	518.0	681.0	298.0	120.0
22	60.0	42.2	32.6	49.6	191.0	622.0	421.0	576.0	668.0	534.0	261.0	165.0	22	75.1	49.6	46.2	38.6	218.0	197.0	508.0	1390.0	866.0	664.0	442.0	147.0	22	70.2	53.6	34.2	39.6	51.9	192.0	373.0	254.0	518.0	614.0	309.0	118.0
23	60.0	42.8	32.0	93.0	191.0	660.0	430.0	666.0	625.0	515.0	255.0	160.0	23	73.4	54.5	43.9	41.2	210.0	248.0	418.0	1400.0	889.0	643.0	401.0	145.0	23	68.9	57.9	35.5	41.8	57.0	172.0	317.0	243.0	710.0	581.0	340.0	110.0
24	63.0	42.2	31.8	97.0	170.0	633.0	398.0	571.0	625.0	520.0	245.0	155.0	24	71.8	58.7	43.9	43.9	210.0	372.0	372.0	1300.0	958.0	670.0	358.0	140.0	24	68.9	53.6	35.5	44.4	71.7	196.0	306.0	247.0	695.0	546.0	321.0	106.0
25	61.5	40.8	31.6	122.0	165.0	556.0	365.0	525.0	618.0	530.0	239.0	148.0	25	70.4	55.3	42.6	41.2	200.0	357.0	364.0	1180.0	952.0	621.0	328.0	136.0	25	66.9	50.6	41.2	37.4	185.0	325.0	364.0	1180.0	940.0	575.0	316.0	136.0
26	63.0	40.8	31.8	134.0	178.0	490.0	388.0	629.0	595.0	545.0	251.0	141.0	26	69.0	50.6	41.2	37.4	185.0	325.0	364.0	1180.0	940.0	575.0	316.0	136.0	26	67.6	55.3	32.2	58.8	99.5	183.0	306.0	261.0	625.0	547.0	250.0	97.4
27	65.9	40.8	32.3	165.0	194.0	466.0	284.0	757.0	602.0	560.0	261.0	136.0	27	66.2	47.1	39.9	35.0	185.0	287.0	364.0	1140.0	889.0	536.0	360.0	152.0	27	66.4	53.6	32.2	53.6	93.4	163.0	348.0	287.0	627.0	558.0	243.0	97.4
28	69.0	44.2	32.9	170.0	180.0	482.0	271.8	668.0	572.0	525.0	264.0	131.0	28	65.2	44.6	39.9	33.8	232.0	258.0	348.0	1060.0	935.0	568.0	290.0	152.0	28	61.8	50.3	32.2	47.3	85.9	166.0	309.0	306.0	890.0	526.0	222.0	93.4
29	65.9	40.8	32.3	180.0	165.0	424.0	284.0	612.0	554.0	470.0	267.0	127.0	29	63.6	39.9	31.4	165.0	221.0	328.0	993.0	1030.0	560.0	273.0	138.0	29	51.7	53.6	39.3	50.1	36.2	66.2	466.0	525.0	1490.0	934.0	435.0	282.0	
30	61.5	34.3	172.0	145.0	369.0	311.0	555.0	573.0	430.0	400.0	251.0	124.0	30	62.4	38.0	29.2	182.0	188.0	332.0	977.0	1080.0	560.0	259.0	134.0	30	31.8	42.6	43.6	65.1	56.1	490.0	360.0	896.0	508.0	508.0	129.0		
31	57.3	39.7	134.0	114.0	319.0	295.0	426.0	426.0	426.0	426.0	122.0	12.0	31	61.1	42.6	42.6	180.0	180.0	360.0	896.0	896.0	508.0	508.0	129.0	31	57.0	45.0	32.0	33.0	47.0	64.35	201.93	335.26	444.30	717.61	410.70	136.72	
Mean	71.57	41.93	39.55	69.18	155.20	345.80	367.61	506.90	625.50	679.84	335.30	185.23	Mean	85.13	52.38	39.16	38.92	112.83	176.17	347.19	1143.10	859.33	808.39	404.33	203.00	Mean	81.20											

Attachment-C2: Observed Daily Discharges at Ta Lai SGS (3/4)

River: Dong Nai													At: Ta Lai SGS												
Year: 1991													Year: 1992												
Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	117.0	64.4	42.5	28.5	34.1	76.8	314.0	521.0	979.0	1169.0	511.0	158.0	1	102.0	52.0	30.5	40.8	39.9	96.3	648.0	495.0	1170.0	662.0	572.0	165.0
2	117.0	61.8	41.1	28.5	32.7	76.8	345.0	587.0	1020.0	1080.0	467.0	153.0	2	96.3	52.0	29.0	36.3	35.1	66.4	543.0	505.0	1160.0	689.0	519.0	162.0
3	122.0	61.8	41.1	28.5	32.0	72.6	318.0	526.0	1020.0	984.0	467.0	147.0	3	92.9	50.1	29.0	33.7	35.4	78.2	468.0	524.0	1140.0	701.0	481.0	157.0
4	117.0	61.8	40.4	27.2	41.1	71.2	274.0	496.0	935.0	905.0	445.0	142.0	4	89.5	51.1	29.0	33.7	39.0	83.6	422.0	514.0	1160.0	693.0	439.0	155.0
5	110.0	59.5	40.4	28.5	51.2	75.4	239.0	430.0	928.0	868.0	418.0	137.0	5	86.4	51.1	30.5	40.8	54.0	85.0	418.0	524.0	1190.0	682.0	399.0	152.0
6	102.0	57.9	39.7	29.9	51.2	71.2	218.0	473.0	963.0	878.0	406.0	132.0	6	85.0	50.1	30.5	30.0	68.7	78.2	434.0	514.0	1180.0	689.0	365.0	147.0
7	97.9	57.2	39.0	32.7	42.5	76.8	208.0	468.0	947.0	876.0	397.0	127.0	7	85.0	49.2	29.0	30.0	66.4	98.2	360.0	577.0	1110.0	736.0	364.0	147.0
8	97.9	55.7	38.3	41.8	46.8	66.4	208.0	551.0	1020.0	811.0	372.0	127.0	8	83.6	48.2	29.0	38.1	57.8	138.0	318.0	505.0	1040.0	731.0	360.0	143.0
9	95.5	54.9	39.0	38.7	45.4	88.5	222.0	501.0	1060.0	773.0	360.0	127.0	9	83.6	49.2	27.5	38.1	56.8	150.0	302.0	460.0	969.0	703.0	377.0	140.0
10	93.2	54.2	38.3	69.2	46.8	102.0	232.0	458.0	1140.0	964.0	352.0	127.0	10	83.6	48.2	27.5	37.2	68.7	152.0	316.0	519.0	989.0	709.0	336.0	143.0
11	88.5	53.5	38.3	76.8	46.8	112.0	218.0	501.0	1150.0	918.0	341.0	124.0	11	80.8	48.2	27.5	35.4	69.8	138.0	340.0	561.0	915.0	720.0	308.0	145.0
12	84.4	52.7	36.9	66.2	48.4	127.0	418.0	458.0	1270.0	937.0	326.0	124.0	12	78.2	48.2	26.7	33.7	71.0	131.0	344.0	697.0	830.0	673.0	288.0	138.0
13	80.3	52.7	35.5	55.7	46.1	117.0	818.0	566.0	1280.0	1000.0	291.0	122.0	13	75.7	46.3	26.0	39.0	73.3	128.0	320.0	708.0	1020.0	641.0	283.0	133.0
14	80.3	51.2	35.5	49.0	46.8	100.0	820.0	582.0	1320.0	983.0	296.0	117.0	14	74.4	44.4	24.6	57.0	64.1	128.0	300.0	662.0	907.0	606.0	270.0	130.0
15	76.8	51.2	34.8	43.9	43.9	84.4	824.0	536.0	1320.0	937.0	282.0	112.0	15	71.0	42.6	23.2	59.9	74.4	139.0	273.0	713.0	815.0	583.0	270.0	126.0
16	76.8	51.2	34.1	41.4	49.8	76.8	633.0	511.0	1260.0	924.0	271.0	110.0	16	68.7	41.7	22.5	72.1	63.3	177.0	266.0	800.0	758.0	580.0	276.0	124.0
17	76.8	49.8	35.5	36.9	65.3	166.0	498.0	500.0	1180.0	911.0	267.0	114.0	17	68.7	40.8	21.8	94.6	62.0	297.0	266.0	858.0	795.0	639.0	308.0	121.0
18	76.8	49.8	36.2	35.5	67.2	202.0	423.0	535.0	1100.0	861.0	260.0	107.0	18	65.3	39.9	21.2	114.0	66.4	317.0	284.0	893.0	729.0	610.0	288.0	119.0
19	74.0	51.2	35.5	32.7	65.3	178.0	380.0	708.0	1100.0	873.0	246.0	102.0	19	64.1	39.0	21.8	102.0	82.2	371.0	296.0	923.0	746.0	559.0	257.0	118.0
20	74.0	52.7	35.5	31.3	69.2	150.0	492.0	968.0	1140.0	867.0	236.0	97.9	20	62.0	37.2	21.8	87.8	83.6	540.0	296.0	1090.0	725.0	520.0	252.0	118.0
21	71.2	51.2	37.6	30.6	84.4	127.0	640.0	977.0	1120.0	873.0	228.0	93.2	21	62.0	35.4	23.2	85.0	91.2	508.0	300.0	1410.0	734.0	482.0	245.0	112.0
22	75.4	49.8	42.5	33.4	76.8	132.0	587.0	1030.0	1090.0	861.0	210.0	90.8	22	62.0	35.4	23.9	83.6	114.0	430.0	316.0	1520.0	811.0	460.0	229.0	108.0
23	93.2	48.3	42.5	36.2	74.0	192.0	598.0	1450.0	1060.0	836.0	212.0	90.8	23	62.0	36.3	23.9	78.2	130.0	390.0	416.0	1490.0	880.0	434.0	219.0	106.0
24	95.5	46.8	39.7	45.4	74.0	208.0	646.0	1460.0	1010.0	764.0	205.0	93.2	24	59.9	38.1	23.2	77.0	112.0	399.0	487.0	1430.0	827.0	467.0	207.0	104.0
25	80.3	43.9	39.7	50.5	76.8	172.0	662.0	1340.0	971.0	723.0	199.0	93.2	25	57.8	38.1	23.2	80.8	116.0	583.0	462.0	1380.0	900.0	621.0	198.0	102.0
26	74.0	42.5	38.3	46.8	97.9	153.0	619.0	1200.0	851.0	707.0	189.0	90.8	26	57.8	37.2	23.2	73.3	130.0	1270.0	481.0	1270.0	799.0	737.0	193.0	104.0
27	71.2	42.5	36.2	42.5	122.0	127.0	688.0	1110.0	865.0	741.0	186.0	88.5	27	55.9	34.5	23.2	59.9	123.0	1160.0	509.0	1240.0	697.0	732.0	187.0	104.0
28	70.2	42.5	34.1	39.7	117.0	110.0	577.0	1170.0	934.0	662.0	178.0	88.5	28	55.9	33.7	24.6	52.0	110.0	999.0	538.0	1259.0	684.0	754.0	184.0	110.0
29	67.2	42.5	31.3	36.9	110.0	100.0	635.0	1230.0	1080.0	613.0	169.0	93.2	29	55.9	32.1	32.9	46.3	104.0	889.0	572.0	1200.0	672.0	694.0	176.0	112.0
30	67.2	42.5	31.3	35.5	97.9	153.0	566.0	1140.0	1110.0	572.0	163.0	102.0	30	54.0	31.3	32.9	42.6	104.0	780.0	570.0	1210.0	670.0	652.0	170.0	112.0
31	65.3	39.9	29.9	84.4	52.6	1060.0	545.0	545.0	545.0	545.0	100.0	0.0	31	54.0	31.3	42.6	92.9	92.9	588.0	1180.0	1180.0	612.0	612.0	108.0	0.0
Mean	86.74	52.60	37.44	41.35	64.03	120.16	476.13	793.65	1078.43	849.29	299.80	113.91	Mean	74.06	43.11	26.94	38.20	79.48	360.66	401.29	891.35	894.97	637.81	301.10	122.90
Max.	122.00	64.40	42.50	76.80	122.00	208.00	824.00	1460.00	1320.00	1160.00	511.00	158.00	Max.	102.00	52.00	42.60	114.00	130.00	1270.00	648.00	1520.00	1190.00	754.00	572.00	165.00
Min.	65.30	42.50	29.90	27.20	32.00	71.20	208.00	458.00	865.00	546.00	163.00	88.50	Min.	54.00	32.10	21.20	33.70	35.40	78.20	266.00	460.00	670.00	434.00	170.00	102.00

River: Dong Nai													At: Ta Lai SGS												
Year: 1993													Year: 1994												
Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	96.7	58.1	39.9	49.9	49.9	98.4	231.0	510.0	708.0	872.0	539.0	362.0	1	121.0	69.4	50.1	48.7	53.8	198.0	456.0	1100.0	1070.0	1180.0	559.0	177.0
2	93.4	58.1	41.2	49.9	45.3	90.0	211.0	490.0	718.0	850.0	509.0	358.0	2	119.0	69.4	50.1	47.2	50.1	184.0	420.0	1120.0	1190.0	1100.0	478.0	169.0
3	90.0	56.3	39.9	49.1	55.3	82.7	196.0	495.0	722.0	840.0	477.0	304.0	3	117.0	68.0	48.7	47.2	49.4	217.0	465.0	1170.0	1130.0	1040.0	456.0	172.0
4	87.1	55.5	39.9	49.9	56.3	78.9	202.0	490.0	761.0	864.0	454.0	211.0	4	117.0	66.8	47.2	45.8	54.6	224.0	447.0	1420.0	1300.0	1010.0	406.0	166.0
5	84.2	56.3	39.9	49.1	49.9	77.6	224.0	485.0	727.0	911.0	432.0	241.0	5	112.0	66.8	46.5	45.8	54.6	195.0	398.0	1400.0	1560.0	1010.0	360.0	161.0
6	84.2	54.7	37.9	45.3	48.3	82.7	292.0	474.0	665.0	941.0	429.0	224.0	6	108.0	64.4	45.8	44.4	58.0	195.0	372.0	1240.0	1750.0	984.0	373.0	155.0
7	82.7	54.7	36.2	43.9	48.3	93.4	300.0	649.0	628.0	1020.0	414.0	217.0	7	106.0	62.0	45.1	44.4	75.0	224.0	394.0	1159.0	1620.0	907.0	351.0	152.0
8	81.4	53.9	36.2	42.6	49.9	93.4	278.0	594.0	602.0	1050.0	391.0	306.0	8	104.0	62.0	45.1	44.4	81.4	208.0	458.0	1060.0	1370.0	880.0	332.0	163.0
9	78.9	53.9	35.0	41.9	53.1	91.7	289.0	604.0	608.0	1160.0	375.0	319.0	9	101.0	66.8	45.1	44.4	121.0	185.0	491.0	948.0	1180.0	846.0	318.0	189.0
10	78.9	53.9	35.0	41.9	54.7	96.7	292.0	638.0	676.0	1110.0	372.0	314.0	10	101.0	73.6	45.8	47.2	126.0	166.0	667.0	1080.0	827.0	305.0	208.0	
11	77.6	53.1	33.9	36.6	70.6	109.0	346.0	665.0	569.0	1160.0	374.0	611.0	11	108.0	69.4	48.7	63.2	108.0	183.0	946.0	824.0	1235.0	838.0	297.0	227.0
12	77.6	51.5	33.4	36.7	81.4	136.0	417.0	670.0	537.0	1080.0	355.0	502.0	12	112.0	69.4	49.4	79.8	94.2	183.0	841.0	778.0	1250.0	898.0	281.0	224.0

Attachment-C2: Observed Daily Discharges at Ta Lai SGS (4/4)

River: Dong Nai													River: Dong Nai												
At: Ta Lai SGS													At: Ta Lai SGS												
Year: 1997													Year: 1998												
(Unit: m ³ /Sec)													(Unit: m ³ /Sec)												
Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	181.0	80.2	66.9	54.6	137.0	250.0	344.0	1440.0	912.0	749.0	432.0	199.0	1	85.9	56.9	49.3	21.6	46.4	194.0	283.0	147.0	375.0	1040.0	464.0	613.0
2	172.0	78.7	64.5	53.6	117.0	250.0	304.0	1510.0	874.0	789.0	410.0	187.0	2	85.9	56.9	45.4	21.3	46.9	147.0	251.0	139.0	372.0	1030.0	442.0	606.0
3	161.0	83.3	62.2	51.8	104.0	266.0	402.0	1490.0	835.0	916.0	414.0	175.0	3	83.0	55.8	43.5	21.3	80.2	134.0	231.0	151.0	344.0	972.0	415.0	576.0
4	155.0	83.3	62.2	53.6	102.0	276.0	370.0	1360.0	783.0	923.0	500.0	169.0	4	83.0	53.7	39.7	20.9	72.3	115.0	208.0	181.0	304.0	899.0	412.0	562.0
5	150.0	84.8	59.9	53.6	127.0	260.0	445.0	1290.0	766.0	898.0	539.0	164.0	5	80.2	52.6	38.0	20.7	67.4	101.0	234.0	165.0	341.0	806.0	399.0	520.0
6	144.0	94.7	59.9	55.7	147.0	230.0	389.0	1210.0	726.0	862.0	445.0	161.0	6	78.9	51.5	36.4	20.9	67.4	95.0	338.0	169.0	368.0	731.0	433.0	653.0
7	140.0	102.0	58.8	57.8	144.0	211.0	362.0	1180.0	691.0	828.0	381.0	164.0	7	77.5	50.5	34.1	21.6	64.9	101.0	323.0	203.0	372.0	705.0	477.0	632.0
8	137.0	113.0	58.8	55.7	152.0	193.0	338.0	1150.0	644.0	783.0	381.0	175.0	8	74.8	49.5	33.4	21.6	58.0	103.0	286.0	251.0	360.0	730.0	505.0	627.0
9	127.0	98.5	58.8	55.7	152.0	276.0	361.0	1030.0	622.0	723.0	362.0	169.0	9	74.8	49.5	32.2	21.8	47.4	111.0	262.0	239.0	312.0	696.0	533.0	617.0
10	122.0	93.0	57.8	63.4	137.0	237.0	352.0	934.0	621.0	703.0	419.0	158.0	10	74.8	47.4	31.5	22.1	41.5	93.4	250.0	226.0	315.0	664.0	533.0	691.0
11	117.0	113.0	56.7	69.4	113.0	193.0	500.0	864.0	612.0	676.0	370.0	150.0	11	72.5	45.4	30.9	22.1	36.4	83.0	212.0	219.0	304.0	639.0	491.0	395.0
12	113.0	130.0	55.7	91.3	108.0	169.0	526.0	842.0	581.0	673.0	331.0	142.0	12	71.1	47.4	29.7	21.6	33.4	87.4	189.0	207.0	332.0	693.0	425.0	717.0
13	110.0	147.0	55.7	140.0	113.0	158.0	517.0	784.0	557.0	660.0	331.0	137.0	13	69.8	47.4	29.1	21.3	31.2	126.0	191.0	178.0	414.0	751.0	402.0	836.0
14	108.0	181.0	54.6	175.0	108.0	152.0	618.0	732.0	538.0	676.0	327.0	137.0	14	69.8	46.4	29.7	21.4	32.2	149.0	213.0	175.0	385.0	745.0	732.0	811.0
15	104.0	175.0	59.9	169.0	120.0	161.0	1050.0	735.0	531.0	651.0	307.0	127.0	15	69.8	45.4	29.7	22.4	36.0	139.0	207.0	178.0	842.0	671.0	1110.0	768.0
16	104.0	158.0	66.9	142.0	130.0	150.0	1100.0	681.0	660.0	645.0	284.0	122.0	16	69.8	43.5	30.9	22.9	53.2	121.0	203.0	200.0	944.0	676.0	1120.0	724.0
17	102.0	127.0	69.4	117.0	134.0	152.0	969.0	745.0	762.0	636.0	292.0	122.0	17	67.4	43.5	34.9	28.6	99.0	103.0	187.0	225.0	874.0	639.0	987.0	632.0
18	100.0	108.0	70.7	108.0	132.0	158.0	840.0	723.0	738.0	581.0	288.0	120.0	18	67.4	42.5	34.9	41.5	205.0	95.0	169.0	223.0	815.0	643.0	826.0	581.0
19	100.0	96.6	71.9	93.0	132.0	164.0	800.0	777.0	703.0	544.0	266.0	113.0	19	67.4	42.5	36.4	51.5	204.0	90.3	164.0	239.0	817.0	643.0	710.0	514.0
20	98.5	89.7	74.6	83.3	132.0	150.0	742.0	954.0	916.0	529.0	250.0	110.0	20	67.4	41.5	33.4	62.5	196.0	83.0	194.0	265.0	756.0	687.0	831.0	557.0
21	96.6	83.3	74.6	84.8	142.0	152.0	744.0	1050.0	1170.0	529.0	237.0	108.0	21	64.9	41.5	30.9	64.9	164.0	83.0	191.0	325.0	818.0	644.0	1160.0	523.0
22	96.6	80.2	73.3	108.0	132.0	151.0	770.0	1080.0	1140.0	563.0	240.0	106.0	22	64.9	44.4	28.6	67.4	185.0	84.5	178.0	372.0	735.0	634.0	1200.0	505.0
23	93.0	77.3	66.9	117.0	147.0	176.0	780.0	1370.0	1150.0	558.0	256.0	104.0	23	62.5	44.4	28.0	62.5	213.0	178.0	166.0	364.0	648.0	769.0	1050.0	477.0
24	91.3	74.6	63.4	113.0	172.0	181.0	1110.0	1380.0	1060.0	572.0	246.0	100.0	24	61.4	47.4	26.9	53.7	240.0	122.0	166.0	325.0	821.0	793.0	936.0	408.0
25	89.7	74.6	62.2	96.6	152.0	215.0	1040.0	1400.0	987.0	505.0	233.0	190.0	25	60.3	51.5	25.5	47.4	166.0	115.0	144.0	307.0	938.0	722.0	965.0	372.0
26	88.0	74.6	59.9	94.7	158.0	254.0	936.0	1320.0	948.0	472.0	227.0	96.6	26	58.9	50.5	24.6	45.4	126.0	108.0	126.0	318.0	832.0	644.0	896.0	360.0
27	86.3	71.9	57.8	117.0	172.0	298.0	919.0	1210.0	897.0	481.0	230.0	93.0	27	58.9	51.5	24.6	54.7	106.0	108.0	129.0	344.0	826.0	603.0	852.0	333.0
28	84.8	69.4	55.7	127.0	181.0	394.0	1050.0	1120.0	830.0	463.0	224.0	89.7	28	60.3	52.6	23.6	58.0	103.0	167.0	131.0	383.0	826.0	592.0	723.0	318.0
29	83.3	53.6	132.0	237.0	423.0	1150.0	1060.0	772.0	463.0	208.0	88.0	29	60.3	23.2	23.2	60.3	147.0	232.0	149.0	379.0	819.0	582.0	651.0	300.0	
30	83.3	51.8	147.0	315.0	394.0	1180.0	1040.0	759.0	472.0	199.0	86.3	30	58.9	22.4	22.4	51.5	175.0	321.0	169.0	364.0	900.0	509.0	614.0	266.0	
31	81.7	52.6	311.0	311.0	1160.0	1050.0	476.0	31	56.9	22.1	22.1	178.0	166.0	35.0	477.0	272.0									
Mean	113.55	101.53	61.86	96.02	150.32	223.13	715.10	1080.35	794.50	644.87	320.97	130.88	Mean	69.65	46.34	31.76	36.51	107.15	126.35	203.94	252.35	624.40	710.03	710.13	506.97
Max.	181.00	181.00	74.60	175.00	315.00	423.00	1180.00	1510.00	1170.00	923.00	539.00	199.00	Max.	85.90	56.90	49.50	67.40	240.00	321.00	338.00	383.00	988.00	1040.00	1200.00	836.00
Min.	81.70	69.40	51.80	51.80	102.00	150.00	304.00	681.00	531.00	463.00	199.00	84.80	Min.	56.90	41.50	22.10	20.70	31.20	83.00	126.00	132.00	304.00	477.00	399.00	272.00

Attachment C3

Estimated Daily Discharges at Dong Nai No.3 Dam site

Attachment-C2: Observed Daily Discharges at Ta Lai SGS (4/4)

River : Dong Nai													River : Dong Nai												
At : Ta Lai SGS													At : Ta Lai SGS												
Year: 1997													Year: 1998												
Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	181.0	80.2	66.9	54.6	137.0	250.0	344.0	1440.0	942.0	749.0	432.0	189.0	1	85.9	56.9	49.5	21.6	46.4	194.0	283.0	149.0	375.0	1040.0	464.0	613.0
2	172.0	78.7	64.5	53.6	117.0	250.0	304.0	1510.0	874.0	780.0	410.0	187.0	2	85.9	56.9	46.4	21.3	46.9	147.0	252.0	139.0	372.0	1030.0	442.0	666.0
3	161.0	83.3	62.2	51.8	104.0	266.0	402.0	1440.0	835.0	916.0	414.0	175.0	3	83.0	55.8	43.5	21.3	80.2	134.0	232.0	152.0	344.0	972.0	435.0	576.0
4	155.0	83.3	62.2	53.6	102.0	276.0	370.0	1360.0	783.0	923.0	500.0	169.0	4	83.0	53.7	39.7	20.9	72.3	115.0	208.0	181.0	304.0	859.0	412.0	562.0
5	150.0	84.8	59.9	53.6	127.0	260.0	415.0	1290.0	765.0	893.0	539.0	164.0	5	80.2	52.6	38.0	20.7	67.4	101.0	234.0	166.0	341.0	866.0	399.0	520.0
6	144.0	91.7	59.9	55.7	147.0	230.0	389.0	1210.0	726.0	862.0	445.0	161.0	6	78.9	51.5	36.4	20.9	67.4	95.0	338.0	169.0	368.0	732.0	433.0	453.0
7	140.0	102.0	58.8	57.8	144.0	211.0	362.0	1180.0	691.0	828.0	381.0	164.0	7	77.5	50.5	34.1	21.6	64.9	101.0	323.0	203.0	372.0	706.0	477.0	432.0
8	137.0	113.0	58.8	55.7	152.0	193.0	338.0	1150.0	644.0	783.0	381.0	175.0	8	74.8	49.5	33.4	21.6	58.0	103.0	296.0	252.0	360.0	730.0	505.0	427.0
9	127.0	98.5	58.8	55.7	152.0	276.0	361.0	1030.0	622.0	723.0	362.0	169.0	9	74.8	49.5	32.2	21.8	47.4	111.0	262.0	239.0	322.0	696.0	533.0	417.0
10	122.0	93.0	57.8	63.4	137.0	237.0	352.0	934.0	621.0	703.0	419.0	158.0	10	74.8	47.4	31.5	22.1	41.5	93.4	250.0	226.0	325.0	664.0	533.0	391.0
11	117.0	113.0	56.7	69.4	113.0	193.0	500.0	864.0	612.0	676.0	370.0	150.0	11	72.3	45.4	30.9	22.1	36.4	83.0	212.0	219.0	304.0	639.0	491.0	395.0
12	113.0	130.0	55.7	91.3	108.0	169.0	526.0	842.0	581.0	673.0	331.0	142.0	12	71.1	47.4	29.7	21.6	33.4	87.4	189.0	207.0	332.0	693.0	425.0	717.0
13	110.0	147.0	55.7	140.0	113.0	158.0	517.0	784.0	557.0	660.0	331.0	137.0	13	69.8	47.4	29.1	21.3	31.2	126.0	191.0	178.0	414.0	751.0	402.0	836.0
14	108.0	181.0	54.6	175.0	108.0	152.0	618.0	732.0	538.0	676.0	327.0	137.0	14	69.8	46.4	29.7	21.4	32.2	149.0	213.0	175.0	988.0	745.0	732.0	811.0
15	104.0	175.0	59.9	169.0	120.0	161.0	1050.0	735.0	531.0	651.0	307.0	127.0	15	69.8	45.4	29.7	22.4	36.0	139.0	207.0	178.0	842.0	671.0	1110.0	788.0
16	104.0	158.0	66.9	142.0	130.0	150.0	1100.0	681.0	660.0	646.0	284.0	122.0	16	69.8	43.5	30.9	22.9	53.2	122.0	203.0	200.0	944.0	676.0	1120.0	724.0
17	102.0	127.0	69.4	117.0	134.0	152.0	969.0	745.0	762.0	636.0	292.0	122.0	17	67.4	43.5	34.9	28.6	99.0	103.0	187.0	226.0	874.0	639.0	987.0	632.0
18	100.0	168.0	70.7	108.0	132.0	158.0	840.0	723.0	738.0	581.0	288.0	120.0	18	67.4	42.5	34.9	41.5	205.0	95.0	169.0	223.0	815.0	623.0	826.0	581.0
19	100.0	96.6	71.9	93.0	132.0	164.0	860.0	777.0	703.0	544.0	266.0	113.0	19	67.4	42.5	36.4	51.5	204.0	90.3	164.0	239.0	817.0	643.0	710.0	514.0
20	98.5	89.7	74.6	83.3	132.0	150.0	742.0	954.0	916.0	529.0	250.0	110.0	20	67.4	41.5	33.4	62.5	196.0	83.0	194.0	265.0	756.0	687.0	831.0	557.0
21	96.6	83.3	74.6	84.8	142.0	152.0	744.0	1680.0	1170.0	529.0	237.0	108.0	21	64.9	41.5	30.9	64.9	164.0	83.0	191.0	325.0	818.0	644.0	1160.0	523.0
22	96.6	80.2	73.3	108.0	132.0	151.0	770.0	1080.0	1140.0	563.0	240.0	106.0	22	64.9	44.4	28.6	67.4	185.0	84.5	178.0	372.0	735.0	634.0	1200.0	505.0
23	93.0	77.3	66.9	117.0	147.0	176.0	780.0	1370.0	1150.0	558.0	256.0	104.0	23	62.5	44.4	28.0	62.5	213.0	178.0	166.0	364.0	648.0	769.0	1050.0	477.0
24	91.3	74.6	63.4	113.0	172.0	181.0	1110.0	1380.0	1060.0	572.0	246.0	100.0	24	61.4	47.4	26.9	53.7	240.0	122.0	166.0	325.0	821.0	793.0	936.0	408.0
25	89.7	74.6	62.2	96.6	152.0	215.0	1040.0	1460.0	987.0	505.0	233.0	100.0	25	60.3	51.5	25.3	47.4	166.0	115.0	144.0	307.0	938.0	722.0	965.0	372.0
26	88.0	74.6	59.9	94.7	158.0	254.0	936.0	1320.0	948.0	472.0	227.0	96.6	26	58.9	50.5	24.6	45.4	126.0	108.0	126.0	318.0	832.0	644.0	896.0	360.0
27	86.3	71.9	57.8	117.0	172.0	258.0	919.0	1210.0	897.0	451.0	230.0	93.0	27	58.9	51.5	24.6	54.7	106.0	108.0	129.0	344.0	826.0	603.0	852.0	333.0
28	84.8	69.4	55.7	127.0	181.0	394.0	1050.0	1120.0	890.0	463.0	224.0	89.7	28	60.3	52.6	23.6	58.0	103.0	167.0	131.0	383.0	826.0	592.0	723.0	318.0
29	83.3	53.6	132.0	237.0	423.0	1150.0	1060.0	772.0	463.0	268.0	88.0	80.0	29	60.3	23.2	60.3	147.0	232.0	149.0	379.0	819.0	582.0	651.0	300.0	
30	83.3	51.8	147.0	315.0	394.0	1180.0	1040.0	759.0	472.0	199.0	86.3	80.0	30	58.9	22.4	51.5	175.0	321.0	169.0	364.0	900.0	509.0	614.0	265.0	
31	81.7	52.6	311.0	1160.0	1050.0	476.0	476.0	476.0	476.0	476.0	84.8	84.8	31	58.9	22.1	22.1	178.0	166.0	166.0	356.0	477.0	477.0	477.0	272.0	
Mean 113.55 101.53 61.86 96.02 159.32 223.13 715.10 1689.35 794.50 644.87 320.97 130.88													Mean 69.65 48.34 31.76 36.51 107.15 126.35 203.94 252.35 624.40 710.03 710.13 506.97												
Max. 181.00 181.00 74.60 175.00 315.00 423.00 1180.00 1510.00 1170.00 923.00 539.00 199.00													Max. 85.90 56.90 49.50 67.40 240.00 321.00 338.00 363.00 988.00 1040.00 1200.00 836.00												
Min. 81.70 69.40 51.80 51.80 102.00 150.00 304.00 681.00 531.00 463.00 199.00 84.80													Min. 56.90 41.50 22.10 20.70 31.20 83.00 126.00 139.00 304.00 477.00 399.00 272.00												