I-3 SIMULATED 5-DAY DISCHARGE BY SUB-BASIN OF KUANTAN-INDRAGIRI RIVER BASIN (1/11)

Indragiri River Basin

Year	Month	5-Day	I-01	I-02	I-03	I-04	I-05	I-06	I-07 with Singkarak Power Station	I-08	I-09	I-10	I-11	I-12	I-13	I-14	I-15	I-16	I-17	I-18	I-19	Total
1981	1	1	43.7	14.8	16.2	24.3	4.9	6.8	77.1	2.0	39.7	23.8	14.8	23.5	77.4	98.9	181.6	314.4	201.8	126.4	283.8	65.8	1453.9
1981	1	2	37.0	8.4	9.2	14.6	3.0	4.2	37.1	2.0	23.8	14.9	9.4	15.1	46.8	30.7	54.1	97.7	97.6	68.1	146.2	53.4	659.8
1981	1	3	27.2	7.3	8.0	11.5	2.3	3.2	21.4	2.0	18.1	10.1	6.4	8.8	26.0	17.7	31.6	55.9	46.6	31.4	63.3	25.5	343.4
1981	1	4	22.4	7.1	8.0	10.6	1.8	2.6	14.3	2.0	15.8	8.2	5.3	7.2	21.4	24.4	44.0	76.1	57.8	38.2	84.2	22.3	406.9
1981	1	5	21.0	5.9	6.5	13.7	1.8	5.3	25.4	2.0	24.7	39.5	22.8	76.9	155.1	53.8	98.1	158.0	31.3	19.7	41.2	17.1	740.2
1981	1	6	16.3	5.0	5.5	9.2	1.6	2.9	19.1	2.0	16.3	13.6	9.7	19.3	48.9	25.7	45.9	78.1	22.7	14.6	29.0	13.0	338.8
1981	2	1	12.6	6.3	7.1	11.4	1.6	2.2	11.7	2.0	15.3	12.4	7.2	28.5	69.1	31.4	55.8	90.9	17.7	11.2	22.5	23.0	387.0
1981	2	2	11.0	5.3	6.1	10.3	1.6	3.1	25.4	2.0	18.7	14.2	10.6	25.4	71.6	42.5	71.9	118.1	16.1	10.4	20.1	12.3	433.9
1981	2	3	12.3	8.2	9.8	13.3	1.6	2.3	38.5	2.0	20.7	12.4	9.0	25.1	62.8	21.0	36.6	64.5	62.1	31.2	72.5	18.4	438.3
1981	2	4	12.2	8.6	10.5	15.7	1.6	2.4	25.6	2.0	21.9	10.2	7.3	20.8	52.7	16.2	27.6	51.8	76.6	48.8	121.8	14.6	472.3
1981	2	5	10.8	6.6	7.8	11.7	2.0	3.5	47.6	2.0	21.7	9.3	7.5	16.2	41.2	21.5	40.3	67.8	28.4	16.4	39.5	12.0	323.8
1981	2	6	14.0	9.1	11.0	13.5	1.6	2.4	48.5	2.0	24.9	7.3	5.6	9.6	34.4	49.6	90.9	160.7	87.4	52.7	138.0	20.1	683.2
1981	3	1	10.1	5.0	5.8	8.6	1.6	3.0	37.8	2.0	16.9	9.3	6.8	16.2	45.0	25.1	43.4	73.3	33.6	16.2	41.4	15.9	345.1
1981	3	2	24.2	44.4	53.3	62.2	1.5	2.5	33.3	2.0	62.8	16.1	11.2	37.8	93.7	34.4	61.3	109.1	135.9	66.8	168.9	21.8	821.8
1981	3	3	18.2	20.8	24.8	32.6	1.5	2.1	22.5	2.0	45.6	13.9	9.2	28.4	80.2	35.9	62.2	104.9	48.0	21.2	50.4	11.8	513.7
1981	3	4	14.2	9.6	11.2	15.9	1.5	2.1	18.9	2.0	24.3	7.9	5.7	15.0	43.6	24.9	45.0	75.1	27.2	13.1	28.9	11.8	324.5
1981	3	5	10.5	6.6	7.6	10.9	1.5	3.2	28.3	2.0	23.1	8.8	7.5	16.3	49.3	31.0	54.4	90.2	36.6	16.5	37.9	11.6	385.2
1981	3	6	34.9	7.9	9.2	14.4	1.5	3.2	25.7	2.0	27.9	12.4	11.1	29.2	71.3	22.0	35.2	58.1	21.7	10.6	22.5	11.7	335.7
1981	4	1	38.0	13.8	16.1	27.9	11.2	11.9	108.2	2.0	53.1	55.2	31.8	57.3	136.4	46.7	78.3	133.4	46.4	28.1	67.1	21.5	757.3
1981	4	2	26.8	13.3	15.4	26.5	5.4	9.7	69.6	2.0	52.5	38.6	26.7	60.7	149.9	56.8	94.1	162.8	76.8	43.3	117.8	18.0	900.0
1981	4	3	21.0	16.9	19.8	33.1	2.2	4.7	36.9	2.0	46.3	34.6	20.5	58.8	144.8	107.1	200.5	327.6	55.9	26.3	61.6	12.6	1098.6
1981	4	4	12.4	9.6	11.5	20.5	1.6	4.4	31.7	2.0	35.2	23.2	16.1	33.8	93.2	65.2	121.7	205.2	99.1	54.2	133.6	21.7	904.2
1981	4	5	23.8	14.8	18.1	27.4	2.3	7.3	83.2	2.0	50.6	24.7	19.2	43.8	102.7	41.8	78.7	135.5	108.9	52.0	123.6	37.9	821.4
1981	4	6	33.7	19.1	22.8	38.8	2.2	6.1	56.5	2.0	56.8	41.6	26.3	73.2	152.4	36.5	66.1	113.0	45.7	22.1	53.1	14.2	703.0
1981	5	1	24.4	19.1	22.8	38.6	2.6	7.8	56.2	2.0	60.2	42.4	26.7	70.4	143.0	23.2	40.5	75.1	135.8	90.4	221.9	34.3	965.9
1981	5	2	33.0	18.0	21.4	37.9	3.1	5.6	52.3	2.0	51.2	44.3	25.7	57.1	133.7	43.8	82.9	148.9	122.0	71.8	170.3	23.0	976.7
1981	5	3	29.9	13.9	16.3	31.2	2.9	9.8	70.2	2.0	55.8	40.4	29.4	63.7	135.3	22.2	38.4	70.9	67.6	39.7	91.3	14.3	671.0
1981	5	4	25.3	13.9	16.3	37.8	2.1	11.6	75.4	2.0	66.8	66.4	45.5	119.4	236.8	37.3	69.3	116.4	48.8	28.0	66.7	16.2	919.6
1981	5	5	16.3	7.9	9.3	21.0	1.5	5.7	40.3	2.0	37.3	29.6	20.2	39.4	91.5	28.4	51.0	89.0	41.4	20.9	50.6	11.8	513.1
1981	5	6	30.8	18.9	22.7	31.2	1.9	14.0	94.8	30.2	73.3	16.9	21.4	24.6	59.6	19.7	36.7	64.6	44.8	22.9	61.6	12.3	488.6
1981	6	1	20.4	8.9	10.7	15.8	1.4	8.0	50.7	2.0	42.0	10.9	13.0	14.2	34.9	14.0	26.4	47.4	42.2	22.7	56.6	11.4	337.7
1981	6	2	17.4	9.0	11.1	14.2	1.4	4.2	32.4	2.0	30.7	11.3	8.6	16.6	37.4	17.3	32.5	54.8	26.2	13.2	30.5	11.0	292.1
1981	6	3	11.7	5.6	6.5	10.4	1.4	2.9	20.0	2.0	19.0	7.9	6.9	12.2	27.8	10.5	19.4	34.2	21.7	11.9	27.5	10.9	211.9
1981	6	4	9.2	4.5	5.1	7.8	1.4	2.3	14.9	2.0	14.7	6.4	5.4	8.1	21.5	8.5	15.2	27.2	19.5	10.9	24.3	12.3	176.0
1981	6	5	10.0	7.5	8.6	10.9	1.4	2.0	12.3	2.0	15.4	6.3	4.2	6.1	16.1	6.8	12.0	21.1	15.4	10.0	18.9	11.3	145.6
1981	6	6	8.4	6.8	8.1	9.2	1.4	2.0	9.8	2.0	12.7	6.3	4.1	5.5	14.7	11.7	22.4	36.8	15.1	9.9	18.7	10.7	170.6
1981	7	1	13.1	4.4	5.0	10.0	1.4	2.0	8.5	2.0	11.6	25.6	10.1	53.1	86.4	6.6	11.8	20.3	15.0	9.8	18.5	11.2	282.0
1981	7	2	8.3	5.0	5.6	7.6	1.4	2.0	8.2	2.0	11.5	7.0	4.2	9.6	20.1	8.1	14.8	25.2	14.9	9.8	18.4	28.5	174.1
1981	7	3	8.3	4.5	5.1	7.6	1.4	2.1	12.3	2.0	11.4	9.3	5.5	13.6	33.4	29.5	49.8	82.3	23.3	16.1	34.0	35.3	345.5
1981	7	4	8.2	5.7	6.8	12.7	1.3	1.9	17.0	2.0	14.5	18.1	8.9	43.4	103.3	34.9	53.9	89.0	28.3	14.2	34.2	27.4	472.1
1981	7	5	8.2	4.9	5.5	7.5	1.3	1.9	8.6	2.0	11.3	7.5	4.3	14.1	40.3	26.9	49.0	78.3	27.2	9.7	20.3	42.6	333.5
1981	7	6	8.6	6.1	7.2	8.9	1.3	1.9	17.2	2.0	12.7	6.1	4.0	7.0	21.7	15.3	27.2	44.2	14.8	9.5	18.0	51.0	233.5
1981	8	1	8.1	4.3	4.8	7.1	1.3	1.9	8.9	2.0	11.2	6.0	4.0	5.5	15.6	8.7	15.3	25.7	14.6	9.5	17.9	15.8	151.8
1981	8	2	8.0	4.3	4.8	7.0	1.3	1.9	7.9	2.0	11.1	6.0	4.0	5.4	14.4	6.7	11.9	20.3	14.4	9.4	17.7	11.0	134.3
1981	8	3	7.9	4.2	4.7	6.9	1.3	1.9	7.9	2.0	11.0	5.9	3.9	5.3	14.3	6.4	11.4	19.7	14.3	9.3	17.6	10.3	131.4
1981	8	4	7.8	4.2	4.7	6.9	1.3	1.8	13.3	2.0	10.9	5.9	3.9	5.3	14.2	6.4	11.3	19.6	15.4	9.2	17.9	10.3	132.3
1981	8	5	7.9	4.1	4.6	6.8	1.3	1.8	14.8	2.0	10.8	5.8	3.9	5.3	14.1	6.3	11.2	19.4	14.1	9.3	18.2	13.6	134.0
1981	8	6	7.7	4.2	4.8	6.8	1.2	1.8	9.5	2.0	10.7	5.8	3.8	5.2	14.0	6.3	11.1	19.2	14.0	9.1	17.2	10.1	128.5
1981	9	1	7.7	4.9	5.6	7.8	1.7	2.0	15.6	2.0	11.9	10.0	5.0	9.6	23.2	6.5	11.0	19.1	28.0	22.1	51.9	11.1	211.4
1981	9	2	20.3	10.1	11.7	16.3	11.8	13.7	32.9	2.0	33.2	38.2	23.0	23.0	51.8	22.8	41.5	67.9	34.6	15.8	36.6	31.1	421.5
1981	9	3	36.3	9.7	11.2	18.6	5.3	7.4	35.7	2.0	33.8	35.6	20.1	44.3	100.2	40.4	74.4	126.4	55.5	29.1	71.6	38.5	671.9
1981	9	4	14.9	4.0	4.5	7.8	6.3	5.8	24.4	2.0	15.1	31.3	15.8	23.4	65.9	33.0	54.6	97.6	66.2	40.9	109.7	41.2	596.7
1981	9	5	8.4	4.0	4.5	6.6	2.5	2.4	21.2	2.0	10.8	17.6	8.8	17.6	47.7	28.7	50.8	92.2	73.8	45.2	114.8	28.7	538.7
1981	9	6	7.8	4.9	5.6	7.7	1.6	1.9	17.4	2.0	10.5	11.6	5.6	14.5	44.5	36.8	64.1	111.7	70.9	40.5	93.8	26.4	532.9
1981	10	1	8.1	7.4	6.9	6.6	1.2	1.8	16.1	2.0	10.4	7.8	4.5	8.3	26.4	21.5	37.9	64.8	32.6	16.6	40.2	13.1	286.1
1981	10	2	33.1	54.8	35.5	7.7	6.0	7.5	68.3	2.0	34.0	37.2	19.8	38.8	86.3	43.2	77.2	135.1	68.2	42.1	109.0	28.7	721.6
1981	10	3	66.4	25.7	23.0	9.2	7.4	9.9	137.5	2.0	41.0	34.6	21.1	31.7	86.6	48.3	78.7	133.8	60.3	32.0	77.7	14.7	662.5
1981	10	4	37.7	18.4	21.8	26.2	9.4	11.7	70.1	2.0	52.6	38.9	23.9	29.3	80.2	28.7	45.3	77.9	33.9	17.8	45.2	11.8	487.5
1981	10	5	37.6	21.1	28.3	39.3	17.1	14.8	71.2	2.0	61.7	52.5	27.6	24.1	65.2	16.9	25.8	46.9	71.3	46.6	124.1	17.7	582.4
1981	10	6	41.6	35.6	46.1	63.3	14.6	12.4	57.0	2.0	80.6	63.3	29.4	41.8	111.7	24.2	35.1	72.5	159.6	101.2	242.3	33.3	997.0
1981	11	1	34.3	14.2	22.1	46.7	10.0	11.0	51.9	2.0	60.5	43.0	24.9	34.0	92.9	55.3	99.1	168.6	61.3	37.9	86.6	25.3	791.4
1981	11	2	19.6	9.4	15.0	31.6	4.8	5.3	28.1	2.0	37.2	27.2	14.9	26.6	70.5	23.1	38.8	69.0	49.4	25.8	63.0	16.4	463.9
1981	11	3	12.6	6.7	10.0	16.3	2.6	3.1	20.3	2.0	21.8	14.2	7.9	13.3	41.6	41.0	77.7	131.0	42.2	20.9	53.1	14.0	480.7
1981	11	4	10.8	6.1	8.8	16.2	2.5	2.9	19.6	2.0	20.2	10.5	6.3	8.8	25.7	15.7	27.1	47.1	22.0	12.7	28.3	10.2	236.6
1981	11	5	8.8	4.8	9.2	36.3	2.3	3.2	49.2	2.0	28.9	8.9	6.0	7.2	22.3	10.0	17.0	29.9	17.2	9.4	21.6	9.7	190.1
1981	11	6	8.0	5.4	13.6	34.6	2.0	3.4	39.2	2.0	39.2	7.6	5.1	5.8	20.0	25.0	47.2	77.4	17.4	11.9	25.6	9.7	293.9
1981	12	1	10.9	4.0	18.5	65.9	3.1	4.2	49.2	2.0	54.8	7.0	4.9	5.2	17.8	15.1	24.4	46.0	66.5	34.0	95.2	17.4	390.3
1981	12	2	9.1	4.0	14.4	57.3	1.6	2.2	25.1	2.0	41.2	5.8	3.9	5.1	16.8	31.7	52.2	91.0	54.0	30.5	70.1	24.3	428.6
1981	12	3	14.4	7.9	23.2	73.4	1.2	1.8	27.6	2.0	55.9	5.8	3.8	5.4	14.9	16.3	26.6	47.6	50.0	25.4	62.6	13.8	330.1
1981	12	4	27.7	26.7	32.7	35.5	1.2	1.8	21.9	2.0	45.4	5.7	3.7	5.1	14.2	20.6	34.1	70.8	170.3	119.7	290.2	50.5	832.3
1981	12	5	9.9	6.1	13.5	25.8	1.4	2.6	16.5	2.0	27.4	5.7	4.2	5.0	13.9	17.4	29.3	55.9	61.1	39.7	88.5	21.9	372.0
1981	12	6	25.2	17.1	20.8	27.6	1.2	2.8	23.6	2.0	35.2	5.6	4.0	5.2	14.1	13.3	23.3	43.1	33.6	21.4	49.3	12.7	262.8
1982	1	1	27.6	14.9	28.4	65.0	13.2	22.0	80.5	2.0	94.2	34.6	28.3	18.7	53.2	46.7	90.3	151.6	51.2	29.6	72.4	20.7	693.5
1982	1	2	14.3	8.7	21.6	46.2	6.6	10.1	43.2	2.0	65.1	18.4	14.7	9.3	32.4	25.2	45.5	83.6	53.2	35.8	86.2	14.6	486.0
1982	1	3	10.6	4.8	12.1	26.4	8.6	8.9	38.5	2.0	39.7	24.7	14.3	9.6	36.3	54.4	101.2	170.8	56.1	31.1	81.9	12.7	634.8
1982	1	4	7.9	4.0	7.6	21.5	3.6	4.2	20.2	2.0	26.1	16.2	9.0	13.9	39.1	23.4	41.2	75.1	51.3	32.0	75.3	10.3	414.9
1982	1	5	8.0	4.8	8.7	22.4	1.9	2.8	14.6	2.0	23.7	10.5	6.2	10.5	28.6	12.6	22.2	41.8	30.1	18.0	45.7	9.4	261.3
1982	1	6	7.5	4.3	8.8	24.4	2.0	4.1	26.9	2.0	29.8	11.5	8.3	16.7	38.2	10.2	18.1	32.0	22.5	14.1	32.7	9.4	245.5
1982	2	1	16.7	10.0	20.3	49.5	5.9	9.2	63.2	2.0	62.5	33.9	19.6	33.9	91.8	25.1	36.6	68.9	63.6	44.1	109.2	13.7	604.9
1982	2	2	11.2	8.7	16.3	30.6	4.3	4.9	32.7	2.0	37.8	23.8	13.4	22.6	64.8	25.7	43.3	76.1	34.7	20.5	52.9	9.2	426.8
1982	2	3	14.1	12.7	15.0	18.4	2.2	3.1	43.4	2.0	28.2	18.2	10.2	22.5	56.4	15.8	26.3	45.7	23.0	11.6	29.4	9.2	298.5

I-3 SIMULATED 5-DAY DISCHARGE BY SUB-BASIN OF KUANTAN-INDRAGIRI RIVER BASIN (2/11)

Indragiri River Basin

Year	Month	5-Day	I-01	I-02	I-03	I-04	I-05	I-06	I-07 with Singkarak Power Station	I-08	I-09	I-10	I-11	I-12	I-13	I-14	I-15	I-16	I-17	I-18	I-19	Total
1982	2	4	8.1	5.9	9.1	12.3	3.1	3.4	26.6	2.0	20.0	12.5	7.2	11.2	32.2	11.1	18.9	32.5	16.1	9.1	20.5	9.1	202.4
1982	2	5	10.2	4.2	7.7	17.0	4.4	4.2	29.0	2.0	22.5	10.8	6.6	7.1	25.1	18.0	25.2	41.9	17.8	9.8	21.8	9.3	217.9
1982	2	6	27.4	20.8	18.2	10.5	3.3	4.5	38.1	2.0	25.2	12.1	8.4	10.6	30.2	10.6	15.8	26.9	13.8	8.8	17.2	9.0	190.6
1982	3	1	28.6	9.8	9.0	10.1	1.9	3.1	60.8	2.0	19.5	18.2	10.9	33.2	72.0	25.5	42.6	69.8	22.2	12.9	27.3	13.1	369.2
1982	3	2	36.8	8.2	8.0	8.7	3.9	4.8	49.9	2.0	20.2	24.1	14.0	21.4	61.9	28.5	48.6	79.5	29.1	11.1	24.6	21.4	386.4
1982	3	3	28.8	6.3	7.3	11.1	2.0	2.7	69.6	2.0	20.8	16.4	9.5	17.7	54.3	21.3	33.3	53.7	13.7	8.6	17.0	18.6	286.9
1982	3	4	21.3	4.5	6.2	17.5	6.4	7.6	62.0	2.0	30.3	47.6	24.7	55.0	135.9	63.5	108.5	173.8	21.2	10.7	23.0	29.3	725.5
1982	3	5	19.1	3.9	10.0	40.5	6.2	6.9	57.3	2.0	44.7	32.0	18.1	26.0	84.4	76.2	143.1	234.2	29.7	15.3	40.3	22.0	768.0
1982	3	6	29.0	5.7	6.5	16.6	3.9	4.5	36.4	2.0	24.3	17.4	10.5	13.3	46.8	41.9	77.2	136.2	71.7	38.4	100.8	23.3	603.8
1982	4	1	63.3	21.8	15.5	20.5	1.9	2.6	27.3	2.0	26.9	34.8	14.9	66.9	145.8	42.2	69.5	132.1	159.1	111.7	273.2	110.8	1189.9
1982	4	2	69.9	40.5	31.0	15.0	2.2	2.5	31.6	2.0	32.1	32.8	16.6	38.4	142.1	231.8	424.7	694.8	72.2	34.0	78.2	50.4	1850.1
1982	4	3	55.9	44.8	48.9	36.1	6.8	18.5	107.8	2.0	92.7	23.5	23.9	18.1	91.6	119.0	209.3	341.0	63.5	19.7	48.7	32.4	1085.4
1982	4	4	98.0	44.6	43.7	44.0	6.5	11.1	74.1	2.0	79.6	50.5	33.6	68.3	187.9	103.6	187.0	306.8	48.0	13.7	36.5	24.7	1142.2
1982	4	5	73.6	30.5	33.7	36.7	12.7	14.6	98.7	2.0	72.2	37.9	25.4	20.3	70.9	47.5	84.8	142.9	43.1	16.3	37.9	20.6	621.8
1982	4	6	41.2	16.6	22.6	29.1	8.3	8.9	52.8	2.0	47.4	30.0	18.1	15.7	59.8	56.4	103.6	172.2	43.0	11.3	29.0	25.2	613.7
1982	5	1	46.4	16.0	30.7	40.6	10.4	11.6	67.1	2.0	60.6	32.5	20.7	15.2	68.4	50.1	84.4	139.0	35.9	9.5	22.6	26.0	566.9
1982	5	2	30.0	18.1	27.3	31.1	5.3	6.2	44.9	2.0	44.7	19.2	11.9	10.6	55.0	50.2	82.4	130.7	34.6	8.4	18.9	16.9	485.5
1982	5	3	28.3	10.9	22.2	39.6	8.5	12.5	51.2	2.0	59.5	24.0	18.8	12.3	63.6	62.5	100.8	173.2	78.6	53.0	133.6	21.3	803.2
1982	5	4	34.4	7.7	16.6	34.7	4.7	6.2	57.5	2.0	44.0	22.1	14.1	21.7	72.2	36.2	57.8	100.2	69.4	39.5	90.3	22.5	592.0
1982	5	5	25.3	8.6	13.7	25.2	5.0	8.8	59.8	2.0	44.9	33.4	21.6	40.4	105.4	48.6	85.9	157.8	132.3	94.6	229.4	29.1	1025.4
1982	5	6	29.1	11.6	15.2	22.1	6.8	20.5	77.1	2.0	61.7	25.3	27.6	24.5	76.2	32.7	52.1	92.7	61.0	37.9	89.7	16.9	600.3
1982	6	1	18.7	6.9	10.5	20.7	5.9	12.5	57.9	2.0	52.4	33.0	27.2	43.2	120.3	72.5	122.7	207.1	70.2	42.4	102.4	25.0	920.4
1982	6	2	14.1	5.7	9.4	22.5	3.0	6.2	35.7	2.0	35.7	18.0	14.4	20.4	62.8	29.5	49.9	85.6	32.5	17.2	43.7	17.5	429.2
1982	6	3	11.5	7.5	13.4	26.1	2.2	4.7	29.9	2.0	37.3	20.6	15.7	38.8	82.1	16.3	26.5	45.8	21.4	11.7	28.4	13.1	359.7
1982	6	4	15.1	4.7	7.9	18.2	3.5	6.0	30.5	2.0	31.1	32.2	19.2	40.4	79.9	12.1	20.2	35.0	16.8	8.9	21.3	10.5	329.6
1982	6	5	8.7	4.0	6.6	12.8	1.7	2.8	16.3	2.0	19.0	13.5	8.2	16.0	42.1	9.4	15.2	26.3	13.7	8.3	16.8	8.9	199.4
1982	6	6	7.5	3.8	5.4	10.6	1.3	2.1	12.9	2.0	16.1	9.3	5.9	10.0	28.3	7.3	12.3	21.3	13.6	8.2	16.7	8.8	159.8
1982	7	1	7.5	3.8	4.7	8.7	2.2	2.3	19.3	2.0	12.4	8.3	4.9	7.0	21.1	10.2	18.7	31.3	13.5	8.2	16.5	8.7	162.8
1982	7	2	12.1	3.7	4.7	7.2	2.1	2.1	20.8	2.0	11.1	7.8	4.6	5.7	18.1	7.9	13.2	22.4	13.4	8.1	16.4	8.6	139.3
1982	7	3	8.2	3.7	5.6	11.2	1.2	1.8	18.0	2.0	12.4	5.8	3.8	5.1	14.8	14.3	25.0	41.2	13.3	8.0	16.2	9.4	171.3
1982	7	4	7.3	3.7	4.6	7.0	1.2	1.9	17.2	2.0	11.0	5.8	3.8	5.0	14.5	8.9	15.4	26.0	30.5	18.5	43.0	19.4	203.8
1982	7	5	7.4	4.7	5.7	9.8	1.2	1.8	12.1	2.0	11.2	5.7	3.8	5.0	14.4	8.3	15.5	26.7	18.8	10.0	25.3	8.7	155.4
1982	7	6	7.5	4.8	5.3	6.9	1.2	1.7	12.9	2.0	10.8	5.7	3.7	4.9	14.3	6.8	11.9	20.5	13.1	7.9	16.0	8.4	126.0
1982	8	1	7.2	4.2	6.6	13.7	1.2	1.7	10.3	2.0	11.3	6.0	3.7	6.7	16.5	6.7	11.8	20.4	14.1	8.4	17.9	8.3	133.8
1982	8	2	11.5	3.6	4.5	7.4	1.2	1.7	8.9	2.0	10.7	5.6	3.7	5.0	16.0	29.0	54.9	89.2	13.4	7.9	16.6	8.3	262.3
1982	8	3	7.1	3.5	4.5	6.8	1.2	1.7	16.7	2.0	10.7	6.2	3.7	6.7	17.5	21.7	40.8	68.3	16.6	8.4	19.7	27.5	249.8
1982	8	4	7.0	3.6	4.5	7.2	1.2	1.7	23.0	2.0	10.6	5.9	3.6	7.0	16.3	8.5	15.5	26.9	12.8	7.7	15.6	33.8	166.2
1982	8	5	7.0	3.5	5.1	7.4	1.2	1.7	29.2	2.0	10.5	5.5	3.6	4.8	13.9	6.6	11.6	20.1	12.7	7.6	15.5	9.0	123.4
1982	8	6	6.9	7.0	4.6	6.7	1.1	1.6	13.9	2.0	10.4	6.4	4.0	8.8	21.8	13.6	23.3	36.8	12.6	7.5	15.3	8.1	170.6
1982	9	1	6.9	9.3	7.0	25.1	1.9	1.7	16.7	2.0	21.3	12.6	5.0	14.1	37.6	13.6	22.7	37.2	12.5	7.4	15.2	8.0	209.2
1982	9	2	8.7	3.5	4.4	16.3	1.1	1.6	9.7	2.0	11.7	5.4	3.5	5.0	15.3	6.5	11.4	19.7	12.3	7.4	15.0	7.9	123.1
1982	9	3	8.1	6.7	4.3	9.3	1.1	1.6	12.5	2.0	11.2	5.3	3.5	4.7	13.6	6.5	11.3	19.6	12.2	7.3	14.9	7.9	120.0
1982	9	4	7.9	3.4	4.3	9.3	1.1	1.6	8.7	2.0	10.3	16.1	6.8	33.1	58.3	6.4	11.2	19.4	12.1	7.2	14.8	7.8	205.5
1982	9	5	6.7	3.4	4.3	7.5	1.1	2.1	11.4	2.0	10.5	5.4	4.0	7.6	17.8	6.4	11.1	19.3	12.0	7.2	14.6	7.7	125.6
1982	9	6	8.6	3.4	4.3	6.7	1.1	1.6	8.4	2.0	10.2	5.3	3.5	5.2	13.7	6.3	11.0	20.5	47.2	34.6	84.8	11.5	255.8
1982	10	1	10.1	3.4	4.2	6.5	1.1	1.6	10.2	2.0	10.1	5.4	3.4	5.4	14.3	18.1	35.2	55.8	40.3	26.4	62.5	9.0	287.9
1982	10	2	19.3	4.8	4.2	9.5	2.3	2.8	37.2	2.0	15.8	29.5	14.1	54.2	107.3	31.6	51.1	83.4	21.2	10.8	28.3	7.5	456.8
1982	10	3	39.4	9.3	6.1	10.6	1.3	2.7	35.3	2.0	20.2	23.6	13.8	32.4	76.1	26.1	43.0	75.3	69.7	50.8	130.7	15.9	579.6
1982	10	4	37.3	8.2	4.9	6.7	1.1	1.5	20.0	2.0	10.9	9.4	5.4	13.9	41.8	28.8	51.4	93.1	64.5	41.2	100.1	13.2	475.7
1982	10	5	24.4	5.3	4.2	7.4	1.1	1.7	12.9	2.0	10.9	5.7	3.6	7.2	25.4	19.8	31.9	56.9	37.7	24.7	61.0	8.0	294.8
1982	10	6	21.4	5.0	4.3	7.7	1.4	3.1	17.9	2.0	15.3	7.2	5.9	9.5	30.3	20.3	33.8	60.0	53.1	33.5	84.2	14.4	369.5
1982	11	1	53.3	37.5	16.5	10.4	3.9	6.4	30.7	2.0	35.9	20.8	13.9	24.3	67.0	42.6	73.0	119.6	22.5	13.2	34.2	14.3	483.3
1982	11	2	37.7	35.9	16.4	19.3	6.1	11.4	80.0	2.0	56.4	30.5	23.1	33.1	88.9	53.8	96.9	161.9	74.5	29.3	75.9	11.9	738.2
1982	11	3	25.9	15.5	12.1	10.9	2.8	5.3	30.4	2.0	29.7	14.3	10.9	16.0	53.2	54.0	99.3	163.3	37.4	14.8	41.2	7.7	543.8
1982	11	4	19.5	10.7	10.8	16.0	2.0	5.2	26.8	2.0	30.7	9.5	8.7	11.5	38.8	28.9	51.8	87.1	19.8	9.2	22.7	11.1	331.8
1982	11	5	31.1	9.2	24.6	28.7	2.6	8.4	34.7	2.0	47.1	10.1	12.8	12.8	39.8	17.0	29.7	51.4	30.4	12.0	33.5	20.4	319.0
1982	11	6	43.8	9.3	24.2	30.9	4.9	12.6	60.5	2.0	59.2	14.9	18.5	16.0	43.4	10.9	18.5	33.2	66.3	40.8	111.6	18.0	453.3
1982	12	1	40.0	19.7	36.5	38.2	7.4	22.5	95.5	2.0	88.9	16.0	25.8	13.6	43.4	30.5	57.4	94.7	30.4	15.7	43.6	14.4	476.4
1982	12	2	40.2	27.0	35.1	41.7	6.9	11.3	60.2	2.0	73.0	10.8	13.9	6.3	25.5	30.0	54.3	95.9	92.6	44.1	116.7	15.2	580.3
1982	12	3	59.9	29.6	48.1	41.8	4.6	6.4	33.1	2.0	57.0	7.3	8.2	4.7	21.7	34.3	52.7	94.2	86.9	43.2	102.5	12.4	527.1
1982	12	4	31.7	15.5	20.7	23.2	3.9	5.1	47.9	2.0	39.3	7.9	6.8	6.3	24.9	36.3	60.8	109.0	105.6	57.2	139.2	30.8	626.1
1982	12	5	33.4	20.5	22.3	19.1	5.2	7.0	36.2	2.0	39.3	12.3	10.2	7.8	38.0	73.4	134.9	239.3	288.0	144.6	347.1	35.7	1372.6
1982	12	6	37.6	20.2	22.2	31.3	8.4	16.1	99.4	2.0	69.3	12.2	16.2	5.8	30.1	64.7	116.6	196.0	110.0	53.5	118.6	23.9	818.9
1983	1	1	93.3	35.6	87.2	98.8	6.8	12.0	74.5	2.0	118.6	19.5	18.8	18.5	76.4	60.1	101.2	168.8	62.4	29.7	68.5	11.9	756.4
1983	1	2	31.0	16.0	29.2	60.6	4.2	8.2	52.9	2.0	71.0	13.9	13.5	12.2	55.5	32.2	51.3	88.0	42.2	19.6	46.2	9.2	456.8
1983	1	3	29.5	25.3	23.1	51.7	5.3	8.2	39.6	2.0	72.3	24.0	17.3	22.7	77.0	41.3	69.6	118.3	40.6	19.2	51.3	22.5	578.1
1983	1	4	27.6	23.6	21.7	36.3	6.0	6.2	27.1	2.0	51.1	27.9	15.7	22.6	69.8	34.7	58.5	103.9	100.5	58.6	117.6	123.6	786.5
1983	1	5	25.8	17.4	20.2	26.0	8.8	6.8	21.2	2.0	37.1	34.6	16.5	20.7	75.7	115.8	216.8	365.0	141.7	76.2	157.7	103.2	1363.0
1983	1	6	18.0	12.7	14.7	27.7	6.4	9.0	26.6	2.0	44.5	29.9	19.9	28.8	90.3	62.8	110.4	186.6	74.5	44.0	87.8	49.2	830.7
1983	2	1	11.7	7.1	11.1	28.5	3.4	5.2	18.7	2.0	34.5	19.7	13.1	21.8	64.9	28.4	48.5	84.9	46.6	27.8	52.4	35.6	480.2
1983	2	2	9.2	5.7	7.9	22.3	2.6	3.0	13.6	2.0	24.6	30.9	15.1	42.7	88.4	33.6	63.1	103.8	28.8	16.7	29.7	27.0	506.4
1983	2	3	7.3	4.4	7.0	22.5	1.9	2.5	11.4	2.0	19.6	24.7	11.9	34.7	78.4	26.7	49.1	82.0	20.3	10.9	21.0	25.2	406.5
1983	2	4	7.0	3.7	7.2	21.4	1.6	3.0	13.2	2.0	21.7	28.8	14.6	45.7	96.0	19.0	33.2	54.6	17.3	8.9	15.7	20.7	378.2
1983	2	5	7.0	5.4	6.0	18.8	3.3	5.1	15.4	2.0	24.4	34.1	19.3	40.0	90.5	18.3	32.2	52.2	14.0	7.4	15.2	14.8	364.4
1983	2	6	9.7	3.5	8.3	15.4	2.9	5.4	23.3	2.0	22.6	37.3	21.5	52.7	100.1	11.3	19.7	32.8	12.5	7.3	19.8	11.2	350.8
1983	3	1	7.0	3.7	5.1	12.5	10.7	39.9	142.6	2.0	81.0	28.9	47.1	29.2	67.7	10.9	18.0	30.4	12.5	7.3	15.0	8.6	358.6
1983	3	2	6.9	3.5	4.4	9.4	3.2	7.8	30.0	2.0	28.6	14.1	14.5	15.3	40.6	31.1	59.5	95.0	12.4	7.2	14.9	7.4	342.6
1983	3	3	6.9	3.5	4.3	7.4	5.1	18.2	99.0	2.0	42.3	13.4	21.5	13.9	42.9	35.2	59.4	95.2	12.3	7.2	17.7	7.3	370.3
1983	3	4	7.1	3.4	5.3	7.7	3.9	8.8	41.8	2.0	25.0	13.2	15.3	14.4	43.4	24.7	43.4	70.3	12.2	7.1	14.7	7.3	293.0
1983	3	5	6.8	3.4	4.9	10.5	3.3	8.2	44.5	2.0	26.3	9.9	12.8	10.2	35.0	24.1	40.4	65.3	12.1	7.0	14.5	7.2	266.8
1983	3	6	8.3	3.4	4.3	16.9	4.8	7.0	37.1	2.0	28.8	23.5	15.6	25.7	56.8	19.7	31.1	53.7	16.1	11.6	45.0	8.2	337.8

I-3 SIMULATED 5-DAY DISCHARGE BY SUB-BASIN OF KUANTAN-INDRAGIRI RIVER BASIN (3/11)

Indragiri River Basin

Year	Month	5-Day	I-01	I-02	I-03	I-04	I-05	I-06	I-07 with Singkarak Power Station	I-08	I-09	I-10	I-11	I-12	I-13	I-14	I-15	I-16	I-17	I-18	I-19	Total
1983	4	1	7.6	9.7	9.9	37.8	7.1	10.3	42.0	2.0	50.7	26.0	19.7	19.5	57.8	15.8	26.4	43.0	12.9	6.9	14.4	37.9	333.0
1983	4	2	7.2	7.5	10.3	31.3	9.8	9.0	38.2	2.0	43.8	27.7	16.6	12.9	40.5	11.6	19.6	36.2	93.1	66.1	108.0	22.6	500.7
1983	4	3	6.6	3.5	5.7	14.1	6.1	6.6	25.2	2.0	25.1	16.5	10.9	7.1	23.1	8.6	14.6	25.8	35.0	25.4	53.6	9.1	256.8
1983	4	4	8.0	3.3	4.2	10.9	7.5	8.2	44.9	2.0	24.0	13.8	10.7	5.5	19.8	14.9	25.5	45.9	28.2	23.4	101.5	26.0	341.2
1983	4	5	6.6	5.7	5.1	24.9	14.4	16.0	104.9	2.0	50.1	45.6	27.6	26.4	49.7	7.9	13.0	27.2	102.1	85.0	285.3	53.5	775.4
1983	4	6	8.6	4.7	6.8	32.6	11.0	13.4	51.8	2.0	53.9	45.1	27.5	37.9	74.3	7.0	11.8	23.1	56.0	37.9	88.5	47.8	512.8
1983	5	1	6.8	9.6	9.2	52.9	10.4	10.1	49.0	2.0	58.4	37.4	20.8	20.7	61.6	36.2	68.4	122.4	68.4	53.5	188.0	53.4	791.2
1983	5	2	18.3	37.8	10.5	59.1	9.1	9.7	66.8	2.0	77.3	35.2	20.2	22.6	82.5	123.8	235.1	392.9	80.3	46.9	148.6	45.2	1312.6
1983	5	3	23.3	27.4	14.6	61.9	14.4	9.3	48.8	2.0	73.2	52.5	22.1	25.3	84.7	67.0	126.1	215.3	67.8	38.8	98.9	53.2	926.9
1983	5	4	16.9	12.1	7.4	27.6	6.9	8.8	57.0	2.0	44.6	22.5	14.3	11.2	40.5	28.4	52.8	91.4	34.0	17.8	50.6	18.5	428.6
1983	5	5	22.4	19.4	9.2	16.7	5.6	7.6	73.9	2.0	40.5	13.6	10.4	6.8	28.3	88.0	170.4	287.4	44.9	27.3	77.1	13.4	810.1
1983	5	6	8.6	7.3	4.8	10.6	2.9	3.6	27.1	2.0	19.9	9.2	6.2	5.0	19.5	24.4	46.0	79.6	21.7	12.6	36.0	10.3	292.4
1983	6	1	9.7	4.8	4.1	7.5	2.1	2.5	17.8	2.0	14.4	6.6	4.5	4.6	14.5	12.9	23.9	43.9	42.2	27.8	98.9	12.6	308.8
1983	6	2	9.3	6.2	4.1	6.6	1.5	1.9	14.7	2.0	11.2	5.5	3.7	4.6	13.9	13.0	24.3	42.0	23.2	11.8	27.8	7.2	190.2
1983	6	3	6.5	8.3	6.1	20.2	2.3	6.2	27.4	2.0	31.5	9.0	8.0	11.7	27.0	13.0	24.2	42.5	28.2	17.2	52.1	7.7	274.1
1983	6	4	10.3	11.3	7.7	33.6	3.3	5.8	31.2	2.0	42.5	13.3	11.0	14.5	42.1	47.9	94.7	158.1	26.0	16.6	51.1	7.1	526.9
1983	6	5	6.5	4.2	4.0	7.8	1.2	1.8	15.0	2.0	13.2	5.8	4.1	5.6	17.4	22.0	42.0	70.3	15.0	8.3	24.1	7.0	236.8
1983	6	6	6.3	3.3	4.0	6.5	1.2	1.7	11.8	2.0	10.6	5.4	3.6	4.5	13.7	11.2	21.5	37.9	12.2	7.1	17.7	6.9	154.3
1983	7	1	6.2	3.3	4.0	6.4	2.1	2.9	56.1	2.0	10.5	8.5	4.6	7.1	20.0	20.0	40.2	65.1	18.2	8.9	15.9	7.1	228.1
1983	7	2	6.2	5.0	9.9	38.3	1.8	1.7	33.1	2.0	26.3	12.7	4.9	11.9	37.8	32.0	62.4	106.7	39.5	19.7	57.3	11.2	424.4
1983	7	3	6.2	3.2	4.6	8.5	1.2	1.7	24.9	2.0	11.0	6.1	3.6	5.0	17.8	28.8	55.1	90.8	12.8	6.9	15.5	6.8	262.2
1983	7	4	10.6	7.5	4.1	7.6	1.7	4.5	35.0	2.0	20.8	5.3	5.4	4.4	13.4	33.2	65.6	110.4	38.6	20.9	50.0	14.0	384.0
1983	7	5	6.1	9.3	3.9	7.9	1.2	3.4	32.0	2.0	20.2	6.6	5.9	8.8	22.3	21.0	38.5	66.0	24.3	13.0	31.3	7.0	266.9
1983	7	6	9.8	5.3	7.5	6.3	1.3	1.7	18.8	2.0	10.3	5.2	3.5	4.4	13.3	10.8	19.9	33.9	11.7	6.8	14.5	8.0	144.3
1983	8	1	6.2	3.2	10.4	18.5	1.6	1.8	18.3	2.0	15.3	12.3	5.9	14.3	32.7	12.5	23.9	40.3	14.2	8.9	15.8	12.4	210.5
1983	8	2	6.7	5.0	4.7	9.2	1.1	1.7	28.7	2.0	11.0	5.4	3.5	4.9	14.2	17.0	35.8	55.5	15.1	6.7	14.3	11.5	196.9
1983	8	3	6.3	8.9	3.8	6.2	1.1	1.8	24.8	2.0	11.4	5.1	3.5	4.3	13.2	16.1	31.7	55.0	18.1	8.9	21.6	6.5	197.4
1983	8	4	7.8	3.1	5.8	6.2	1.1	1.6	16.4	2.0	10.1	5.1	3.5	4.3	13.1	10.9	20.5	34.7	11.4	6.6	14.1	6.5	142.8
1983	8	5	13.5	4.5	9.4	11.4	2.8	4.0	21.9	2.0	17.7	22.4	11.2	31.0	59.3	46.5	88.9	157.9	112.6	77.5	206.0	27.1	860.1
1983	8	6	6.3	3.1	3.8	6.1	1.2	1.7	12.5	2.0	10.0	9.7	5.4	11.5	25.6	11.4	21.2	37.4	26.5	16.5	28.4	7.9	213.5
1983	9	1	5.9	3.7	5.2	11.1	1.1	1.6	10.0	2.0	13.7	5.6	3.8	6.8	17.4	7.4	13.6	23.8	15.2	8.5	14.3	6.4	138.5
1983	9	2	19.2	11.9	24.0	65.4	3.3	5.9	47.2	2.0	64.0	11.0	9.8	10.1	39.3	44.8	87.9	139.9	46.2	17.3	20.6	58.5	551.4
1983	9	3	16.8	11.3	11.3	30.9	3.5	4.6	36.4	2.0	43.2	9.6	7.0	5.8	23.7	15.0	26.6	48.8	54.9	27.8	93.8	22.2	380.4
1983	9	4	15.4	14.7	5.6	16.1	3.6	3.2	25.8	2.0	27.7	10.9	6.1	10.5	25.5	9.6	16.1	30.1	40.3	24.7	68.9	22.2	294.6
1983	9	5	7.6	5.9	4.0	10.0	1.7	3.9	38.4	2.0	19.6	13.8	8.9	18.1	38.7	7.1	12.1	21.7	23.7	12.3	22.9	13.0	213.9
1983	9	6	6.4	4.3	3.7	7.1	1.3	2.5	32.3	2.0	13.5	6.5	5.2	6.1	17.9	6.7	11.6	20.0	22.8	10.7	16.0	41.7	180.7
1983	10	1	7.7	7.8	5.6	10.4	2.0	1.8	32.0	2.0	16.4	6.3	3.8	4.3	13.9	10.6	19.4	33.3	32.8	7.9	18.4	33.7	202.8
1983	10	2	18.4	23.3	5.5	15.2	1.2	1.6	31.5	2.0	24.4	20.1	8.4	34.8	58.8	12.8	25.8	47.7	57.8	26.1	97.9	29.9	446.5
1983	10	3	39.9	18.3	27.6	7.8	2.2	2.5	43.3	2.0	17.9	23.4	10.9	34.4	68.3	15.3	26.7	47.3	27.6	10.2	24.6	12.6	321.2
1983	10	4	58.7	44.8	47.9	71.6	2.4	2.1	40.8	2.0	76.1	22.7	11.7	22.3	59.7	10.9	20.5	35.2	16.5	7.3	14.2	31.5	330.6
1983	10	5	39.3	22.0	35.3	28.5	2.6	2.3	36.6	2.0	40.2	13.0	7.1	9.4	36.4	24.5	45.2	77.0	58.8	20.0	60.9	39.6	434.1
1983	10	6	20.0	11.3	16.2	12.3	1.5	1.6	21.1	2.0	19.1	8.2	4.4	6.5	21.2	20.3	40.6	79.8	160.4	97.6	258.7	117.4	836.2
1983	11	1	10.2	5.9	13.0	20.1	2.8	1.6	34.4	2.0	18.7	15.6	6.2	11.2	40.7	30.0	53.2	94.8	61.8	36.0	81.0	59.4	510.6
1983	11	2	15.5	5.2	17.3	19.7	3.0	1.6	32.5	2.0	18.2	11.6	4.5	6.1	28.4	42.3	79.7	135.7	49.4	26.7	92.7	34.0	531.3
1983	11	3	11.7	4.2	8.3	9.6	1.7	1.5	19.5	2.0	12.7	8.1	4.0	4.7	24.7	55.3	107.3	202.5	219.8	137.6	374.1	53.3	1206.1
1983	11	4	7.9	3.2	5.6	7.0	1.3	1.5	12.9	2.0	10.1	6.0	3.4	4.2	17.5	26.1	44.2	78.9	63.7	39.5	86.0	36.4	418.0
1983	11	5	6.2	3.1	4.2	5.9	2.3	3.0	18.7	2.0	9.9	5.8	4.4	4.1	15.9	18.5	31.3	55.4	30.9	17.5	47.2	16.6	259.5
1983	11	6	11.3	3.1	7.1	6.1	3.3	3.2	29.9	2.0	9.7	7.4	4.2	4.1	15.2	33.1	58.4	104.7	71.9	41.6	97.2	15.0	464.5
1983	12	1	21.3	3.8	13.3	5.9	2.4	1.7	20.0	2.0	9.7	4.9	3.3	4.0	12.9	27.3	47.2	85.8	113.8	65.9	114.4	13.6	504.8
1983	12	2	10.2	3.0	8.0	5.8	1.6	2.1	19.6	2.0	10.8	7.7	5.3	11.9	23.3	32.4	58.8	101.1	79.3	46.0	84.4	16.0	479.0
1983	12	3	12.5	15.5	11.3	6.8	2.6	2.7	34.5	2.0	16.7	13.7	7.7	13.2	35.9	34.7	58.9	103.0	86.7	47.9	86.4	35.2	542.0
1983	12	4	19.5	15.9	9.9	13.4	2.7	2.5	17.8	2.0	18.4	7.1	3.8	4.3	24.6	73.1	125.4	217.5	116.3	75.7	190.8	34.4	893.4
1983	12	5	21.8	13.5	14.6	27.2	7.5	3.7	19.6	2.0	29.0	22.7	9.5	11.8	51.4	69.1	122.1	204.4	71.8	43.0	75.8	34.1	746.7
1983	12	6	14.0	5.4	5.9	8.6	4.4	2.2	12.3	2.0	10.8	15.3	5.4	4.9	21.7	25.1	43.2	75.9	47.3	27.8	57.7	18.8	355.9
1984	1	1	8.5	15.3	4.5	7.9	2.7	5.4	23.6	2.0	23.8	5.9	5.9	3.9	14.3	17.0	29.5	53.1	31.7	19.6	42.1	12.8	261.6
1984	1	2	27.3	34.0	13.7	37.4	4.3	8.3	38.9	2.0	64.4	20.5	16.9	28.8	81.6	38.7	61.3	104.1	42.8	29.9	60.6	51.6	603.2
1984	1	3	35.4	24.8	23.8	63.7	10.4	14.4	48.5	2.0	84.7	41.3	27.0	30.9	89.7	34.0	53.9	100.3	89.8	70.4	158.8	72.7	855.5
1984	1	4	17.3	17.7	18.1	43.4	5.6	7.9	32.0	2.0	58.9	24.2	15.8	19.8	85.5	85.3	144.5	242.9	82.3	68.1	104.9	83.2	1017.4
1984	1	5	12.5	12.5	15.5	42.3	4.4	4.9	23.8	2.0	44.0	22.5	12.4	19.5	67.7	46.3	81.4	149.7	105.3	67.9	185.8	58.6	863.1
1984	1	6	18.6	17.5	31.9	72.5	2.7	3.0	22.0	2.0	61.7	17.6	9.0	18.2	63.3	27.3	46.5	80.7	56.4	36.1	67.4	29.6	515.8
1984	2	1	14.5	28.7	19.1	45.2	1.7	2.2	19.9	2.0	53.4	11.4	6.2	14.3	53.4	20.7	32.8	57.1	80.6	48.8	58.0	38.4	477.1
1984	2	2	33.0	34.1	27.6	64.6	3.2	9.9	62.4	2.0	98.0	16.7	16.1	22.9	68.7	21.4	35.9	65.5	81.3	30.6	114.9	18.9	592.9
1984	2	3	17.8	16.1	22.9	56.0	1.4	3.6	28.7	2.0	59.1	8.1	7.1	9.4	40.9	35.5	63.9	106.9	57.6	22.1	68.2	41.2	522.0
1984	2	4	15.5	11.0	20.4	31.1	1.1	2.0	19.8	2.0	36.6	6.0	4.6	6.0	37.9	61.6	106.2	179.6	46.8	19.5	58.5	20.1	585.4
1984	2	5	47.9	7.8	35.1	21.3	1.1	2.7	29.8	2.0	26.8	4.9	4.3	4.8	27.8	37.9	63.6	108.9	30.2	12.9	47.5	34.6	406.2
1984	2	6	37.8	11.0	29.7	19.3	1.1	1.7	39.4	2.0	26.6	4.8	3.7	3.9	23.5	41.8	72.5	136.4	119.1	31.6	281.6	54.1	801.6
1984	3	1	40.7	16.6	26.9	19.9	3.6	8.1	51.4	2.0	40.8	8.4	8.9	6.9	39.0	84.7	147.1	256.6	98.3	54.5	182.7	84.6	1014.5
1984	3	2	38.6	21.9	29.2	23.5	3.2	6.4	54.9	2.0	45.4	17.4	12.7	20.8	66.6	39.7	68.6	119.6	67.8	37.4	88.9	37.1	624.0
1984	3	3	21.7	20.5	19.3	21.7	2.5	3.4	48.2	2.0	36.1	12.1	7.5	10.3	44.4	34.0	60.7	103.4	46.4	29.7	59.3	24.2	470.1
1984	3	4	12.9	10.6	11.7	15.1	2.1	2.2	40.2	2.0	23.0	21.5	10.0	29.4	64.2	23.3	41.1	74.6	82.7	29.9	143.5	29.9	575.1
1984	3	5	16.0	9.4	8.6	17.2	2.2	5.9	80.7	2.0	33.9	24.8	16.5	38.9	101.2	56.8	106.9	192.8	130.2	23.3	193.3	26.3	946.9
1984	3	6	50.9	18.9	13.0	22.5	3.9	10.3	105.9	2.0	55.1	22.1	19.6	23.7	77.7	58.0	104.4	177.2	73.7	23.5	93.1	52.2	782.3
1984	4	1	35.9	25.3	12.3	25.9	3.6	8.2	68.1	2.0	55.8	22.2	17.7	25.2	73.9	53.6	97.6	159.7	37.8	16.6	47.2	41.4	650.7
1984	4	2	41.6	37.7	18.2	40.7	6.0	14.0	96.7	2.0	81.7	27.8	23.2	30.0	96.5	86.0	151.3	253.6	74.3	42.0	92.1	34.3	994.8
1984	4	3	57.6	67.7	33.9	42.0	6.5	10.0	86.7	2.0	82.2	36.0	23.5	44.0	147.0	97.4	159.4	275.8	129.2	187.1	213.3	108.5	1505.4
1984	4	4	57.8	34.5	24.3	26.1	3.0	5.0	49.1	2.0	52.5	21.2	13.8	22.5	73.8	48.8	86.4	149.8	80.9	115.6	119.3	72.5	859.1
1984	4	5	31.2	21.0	18.1	35.1	2.1	4.4	41.0	2.0	49.6	11.9	9.7	12.8	53.4	38.2	64.1	110.9	54.9	65.5	75.4	106.5	654.9
1984	4	6	22.3	15.5	13.1	26.2	2.1	3.3	31.3	2.0	38.7	15.2	9.5	16.5	58.7	30.7	49.1	84.3	44.6	44.0	47.9	42.0	483.2
1984	5	1	30.7	13.0	17.7	44.0	1.4	2.3	39.6	2.0	43.2	11.5	6.4	13.2	56.0	28.9	45.5	75.5	47.3	41.9	40.0	24.0	435.4
1984	5	2	39.6	16.6	25.7	45.5	1.4	2.0	44.4	2.0	47.4	18.2	9.0	27.8	91.8	47.4	80.1	137.1	169.7	68.1	128.7	17.6	844.9
1984	5	3	26.6	12.8	18.4	31.8	1.3	1.8	30.9	2.0	34.5	18.2	8.7	22.1	79.3	61.8	108.3	182.7	97.2	69.7	85.8	15.8	786.1

I-3 SIMULATED 5-DAY DISCHARGE BY SUB-BASIN OF KUANTAN-INDRAGIRI RIVER BASIN (4/11)

Indragiri River Basin

Year	Month	5-Day	I-01	I-02	I-03	I-04	I-05	I-06	I-07 with Singkarak Power Station	I-08	I-09	I-10	I-11	I-12	I-13	I-14	I-15	I-16	I-17	I-18	I-19	Total
1984	5	4	24.4	10.8	32.8	58.0	1.5	1.7	28.7	2.0	46.6	11.1	5.7	13.6	58.5	55.7	95.1	154.6	46.0	27.1	37.5	10.4	563.9
1984	5	5	24.5	15.0	31.0	81.2	6.6	4.0	41.6	2.0	66.5	48.3	17.9	43.7	131.2	49.1	78.8	133.8	31.9	15.9	44.1	10.0	673.2
1984	5	6	21.1	7.6	16.5	27.3	7.6	4.6	32.5	2.0	32.1	26.9	12.6	13.7	51.3	27.4	45.3	78.1	39.6	16.0	32.4	7.7	385.1
1984	6	1	55.8	20.1	63.0	59.4	6.3	3.9	38.0	2.0	56.3	42.7	17.6	42.2	120.6	91.2	168.9	274.8	93.4	20.0	49.7	10.7	990.1
1984	6	2	44.8	12.9	23.2	30.0	7.4	5.9	35.1	2.0	39.5	31.0	15.7	20.1	63.4	37.5	67.0	113.9	78.5	40.9	61.6	86.7	657.8
1984	6	3	29.9	9.9	14.1	18.4	4.7	4.2	24.4	2.0	26.0	19.6	10.4	14.3	43.9	24.5	42.9	73.9	45.1	20.4	45.5	32.0	400.5
1984	6	4	17.8	7.5	8.8	12.5	2.0	1.9	15.6	2.0	17.3	12.9	6.2	12.3	39.4	22.7	36.3	63.2	40.5	14.1	49.5	23.1	339.5
1984	6	5	11.2	5.1	6.5	9.3	1.4	1.5	15.0	2.0	13.4	8.1	4.5	6.1	23.5	16.0	26.0	48.4	77.5	17.6	147.0	14.0	404.1
1984	6	6	8.7	5.5	4.6	6.7	1.1	1.5	14.1	2.0	10.7	5.6	3.4	4.3	18.5	12.7	21.7	39.3	69.5	13.9	114.9	11.1	327.6
1984	7	1	16.9	5.2	9.2	7.5	1.1	1.5	13.3	2.0	10.2	7.7	4.1	9.6	24.9	11.2	19.1	34.3	41.3	21.2	49.8	8.5	243.9
1984	7	2	7.6	3.6	4.5	6.3	1.1	1.5	12.1	2.0	10.2	4.9	3.3	4.2	14.7	8.9	15.0	29.2	25.6	11.1	27.8	7.5	163.4
1984	7	3	6.7	15.6	4.1	7.2	1.0	1.4	16.2	2.0	12.6	6.7	4.0	7.6	21.1	11.2	20.2	35.1	24.2	9.9	37.5	7.4	199.5
1984	7	4	27.7	42.9	21.4	69.7	6.6	4.7	64.1	2.0	73.5	28.6	12.9	19.6	68.2	47.2	77.6	123.6	30.2	10.4	22.9	7.4	524.1
1984	7	5	14.3	15.3	7.1	17.1	3.3	2.1	24.9	2.0	24.1	16.4	6.8	12.3	36.8	13.8	23.3	41.5	33.5	9.0	40.7	7.3	267.5
1984	7	6	13.2	9.3	5.3	8.9	2.2	1.5	15.9	2.0	12.4	15.3	5.9	13.6	32.7	8.2	13.7	25.7	22.8	7.8	27.8	7.3	195.2
1984	8	1	8.7	5.8	4.1	6.3	1.2	1.4	12.1	2.0	10.1	6.4	3.4	4.8	16.0	20.1	40.8	65.3	21.5	8.6	21.7	7.8	228.5
1984	8	2	6.6	4.1	4.4	6.2	1.0	1.4	10.6	2.0	9.9	4.9	3.2	4.0	13.6	14.6	27.1	46.5	15.2	7.7	17.2	7.1	173.0
1984	8	3	6.7	3.4	5.4	6.1	1.0	1.4	9.2	2.0	9.8	4.8	3.2	4.0	13.1	7.8	13.2	23.7	13.5	7.7	16.8	7.1	126.7
1984	8	4	6.3	3.4	4.0	6.1	1.1	1.4	10.2	2.0	9.7	4.9	3.1	3.9	13.0	10.0	18.5	32.8	23.2	8.3	34.3	8.8	172.5
1984	8	5	6.3	3.4	6.1	10.5	1.1	1.4	12.2	2.0	11.3	7.3	3.8	8.0	21.4	14.7	27.4	47.6	13.4	10.4	25.2	18.6	211.1
1984	8	6	6.2	3.6	3.9	6.2	1.6	1.4	9.6	2.0	9.6	5.5	3.1	4.9	14.4	18.5	36.5	62.4	23.7	9.7	19.5	8.6	218.4
1984	9	1	6.1	3.3	3.9	6.0	1.2	1.4	9.0	2.0	9.5	4.7	3.1	3.9	12.8	12.7	25.3	51.4	105.2	20.0	150.9	6.9	408.4
1984	9	2	8.5	5.4	3.9	5.9	1.0	1.3	9.9	2.0	9.5	4.7	3.1	4.7	16.3	12.3	22.8	42.4	50.4	10.5	39.9	7.9	226.5
1984	9	3	9.9	30.8	4.9	7.7	1.0	1.3	20.2	2.0	16.7	4.6	3.0	3.8	12.7	17.6	31.1	53.3	43.1	8.7	25.2	16.3	238.1
1984	9	4	13.9	17.4	11.6	49.5	1.6	2.9	37.8	2.0	44.7	5.4	3.3	3.8	20.6	41.3	70.4	131.0	146.5	28.4	227.6	26.3	751.3
1984	9	5	14.4	10.7	8.1	24.0	2.5	1.5	29.7	2.0	28.9	10.4	4.0	6.2	30.2	33.9	59.1	105.7	71.9	16.7	84.9	8.9	462.8
1984	9	6	12.5	9.7	5.3	10.2	4.9	3.7	37.1	2.0	20.6	12.7	5.7	3.7	15.4	19.1	33.0	61.6	60.7	9.9	76.2	15.3	335.9
1984	10	1	7.4	7.2	3.8	6.7	3.6	2.6	25.6	2.0	13.3	7.4	3.9	3.7	12.5	29.3	54.5	95.6	44.0	89.0	84.7	41.9	481.8
1984	10	2	6.0	4.2	3.8	5.8	1.3	1.3	14.1	2.0	9.8	4.6	3.0	3.7	12.4	18.7	34.9	62.3	28.9	41.6	53.9	23.0	298.8
1984	10	3	6.0	4.1	3.7	5.8	1.0	1.3	13.5	2.0	9.3	4.5	3.0	3.7	12.4	33.3	64.6	110.3	45.4	33.4	83.7	41.6	447.2
1984	10	4	8.6	3.3	5.9	14.5	2.2	5.5	27.8	2.0	19.3	5.3	5.0	3.6	15.0	58.0	107.1	193.6	131.1	45.0	212.7	49.4	847.1
1984	10	5	6.7	10.5	3.8	6.8	2.0	5.6	35.8	2.0	24.7	4.5	4.9	3.6	12.3	32.1	58.9	103.5	123.9	53.3	98.3	57.5	579.5
1984	10	6	7.8	9.4	3.7	5.9	3.0	4.3	41.7	2.0	19.4	9.8	6.3	8.6	21.1	20.6	37.5	64.7	63.4	28.8	47.8	34.4	364.4
1984	11	1	26.4	29.7	20.9	30.4	3.9	9.3	79.4	2.0	65.2	8.4	11.7	7.2	30.8	18.5	29.0	53.5	69.1	48.7	140.1	30.3	514.5
1984	11	2	48.0	42.5	32.7	42.6	11.9	13.2	81.7	2.0	74.0	55.9	31.4	51.2	104.3	18.0	29.8	55.2	56.6	48.2	99.6	23.8	650.0
1984	11	3	37.3	29.2	22.2	23.6	10.4	12.1	68.8	2.0	56.2	30.7	20.5	15.8	54.0	26.0	41.4	80.7	144.2	91.9	209.7	77.7	850.8
1984	11	4	101.5	85.1	40.0	48.7	31.8	43.5	162.0	2.0	156.9	59.7	51.9	17.0	60.9	18.5	25.6	52.8	125.1	86.9	165.4	44.9	867.6
1984	11	5	52.0	46.3	31.1	42.9	13.7	16.1	78.6	2.0	84.9	43.5	27.9	20.7	66.0	32.6	52.5	94.1	71.7	49.6	88.4	23.7	657.6
1984	11	6	57.1	33.0	25.4	27.5	12.0	20.3	89.7	2.0	76.1	28.7	26.2	13.0	50.5	27.0	42.6	77.6	49.7	35.4	70.1	15.2	514.1
1984	12	1	42.4	28.5	19.7	27.8	10.7	12.1	66.4	2.0	59.4	38.0	23.6	23.5	62.3	23.1	39.5	75.0	46.4	39.7	96.4	16.6	545.5
1984	12	2	39.3	16.1	20.1	13.3	5.8	6.7	37.6	2.0	31.0	18.9	12.3	9.5	35.7	36.0	64.7	119.2	69.4	38.4	154.3	11.5	602.9
1984	12	3	22.3	9.4	11.4	9.0	3.0	3.5	22.9	2.0	18.5	10.1	6.6	5.5	20.8	21.3	37.8	68.7	34.9	21.4	62.7	9.2	319.5
1984	12	4	19.0	7.3	15.0	6.7	2.3	2.8	32.9	2.0	14.2	7.8	5.1	4.5	15.8	12.5	22.1	44.4	63.5	28.4	142.3	24.8	387.4
1984	12	5	46.7	26.7	29.0	41.0	2.5	2.4	38.8	2.0	32.9	8.7	5.1	5.7	17.8	11.0	19.8	39.8	75.1	58.7	142.4	42.8	461.8
1984	12	6	96.1	25.5	24.1	22.6	3.8	3.4	39.0	2.0	38.6	19.4	10.1	19.4	47.1	41.2	78.1	137.8	68.0	52.8	109.8	63.0	687.3
1985	1	1	71.6	26.3	31.6	19.2	6.4	3.9	34.3	2.0	31.7	27.1	11.7	16.0	49.5	51.9	98.6	167.2	43.0	32.0	77.1	32.4	640.2
1985	1	2	47.4	20.9	22.3	19.5	6.9	6.4	64.8	2.0	37.2	25.0	13.8	14.5	55.9	95.9	182.4	317.0	110.1	54.6	204.2	19.7	1132.3
1985	1	3	34.0	14.5	18.0	11.7	9.4	8.1	55.0	2.0	28.5	28.8	15.3	11.1	43.6	39.1	67.4	125.5	119.8	53.3	181.2	13.0	728.6
1985	1	4	18.9	7.8	9.7	7.7	4.3	3.4	29.1	2.0	15.2	14.9	7.6	7.0	25.1	20.2	35.5	65.7	44.4	22.1	65.4	9.0	334.1
1985	1	5	14.0	6.1	8.8	6.3	3.2	2.6	38.1	2.0	12.7	10.3	5.2	4.8	17.2	16.7	29.2	53.3	26.1	13.9	41.4	11.1	243.9
1985	1	6	39.9	12.7	25.4	35.5	7.6	9.7	53.1	2.0	51.6	15.7	11.3	5.7	31.7	65.0	116.0	196.3	29.5	18.3	62.3	12.0	617.4
1985	2	1	82.3	24.4	33.2	38.5	9.5	10.9	44.0	2.0	59.6	31.0	20.2	18.2	70.6	43.4	71.4	130.1	48.0	42.0	185.9	11.8	734.2
1985	2	2	49.3	44.5	24.4	40.5	9.3	13.8	57.1	2.0	77.1	33.6	24.0	25.0	75.3	36.7	62.6	110.6	162.0	75.4	110.4	12.9	807.6
1985	2	3	35.0	28.6	16.1	31.5	8.2	12.0	69.0	2.0	64.3	33.8	22.8	30.6	72.6	22.2	38.0	67.4	86.0	39.6	85.3	91.5	656.1
1985	2	4	16.1	12.2	7.7	13.3	3.5	4.7	30.9	2.0	27.5	14.5	9.6	11.0	32.5	12.5	21.5	39.4	45.6	18.2	55.6	41.6	331.5
1985	2	5	12.3	6.8	10.8	8.3	2.0	2.5	18.2	2.0	15.4	8.0	5.2	5.5	18.8	9.9	17.0	30.9	23.9	11.1	30.0	13.0	190.7
1985	2	6	10.9	5.7	8.6	6.2	1.5	1.9	14.8	2.0	12.1	6.1	4.0	4.2	15.5	8.2	13.9	25.5	20.3	19.2	30.6	11.8	173.4
1985	3	1	9.9	6.9	6.2	6.1	2.8	2.8	32.6	2.0	13.1	7.9	4.5	3.6	14.1	13.0	22.2	39.6	21.0	16.1	38.4	11.0	206.5
1985	3	2	13.4	21.6	7.1	6.1	3.0	3.9	54.5	2.0	20.9	10.1	6.8	8.5	26.6	28.1	51.3	88.0	29.2	17.3	58.1	10.8	357.7
1985	3	3	20.6	30.6	6.8	8.7	7.1	17.8	99.1	2.0	54.2	20.1	20.9	14.9	51.0	51.5	91.8	148.8	29.0	26.7	36.7	24.6	572.2
1985	3	4	52.6	27.4	17.1	29.1	14.0	20.0	92.9	2.0	77.4	32.2	26.9	15.0	64.7	58.2	96.8	168.0	67.6	46.3	99.0	15.8	769.9
1985	3	5	38.1	25.9	11.9	16.9	12.9	11.5	67.5	2.0	48.0	35.6	20.5	13.0	50.8	32.4	51.6	90.5	53.8	36.6	73.9	12.5	521.2
1985	3	6	29.9	27.6	9.1	11.1	7.1	6.2	47.4	2.0	32.7	18.4	10.4	5.2	27.9	26.0	40.0	75.7	63.1	27.0	139.0	8.1	475.5
1985	4	1	22.7	20.3	7.0	8.7	7.5	5.4	46.7	2.0	26.2	15.3	7.7	3.6	20.3	25.7	38.4	73.8	58.4	16.7	103.2	7.0	398.3
1985	4	2	45.3	26.5	31.0	64.0	5.1	3.7	34.3	2.0	56.6	16.9	7.5	12.4	38.4	16.1	23.0	46.3	56.0	11.4	120.7	6.9	414.2
1985	4	3	22.3	18.3	15.5	23.4	3.0	2.5	23.9	2.0	32.1	22.0	8.9	22.6	56.6	17.2	26.6	52.4	45.6	10.7	75.0	6.9	378.6
1985	4	4	20.6	18.6	14.1	14.0	4.3	3.2	32.3	2.0	27.3	16.4	8.3	9.6	30.9	21.2	36.6	67.8	31.0	8.8	54.7	6.8	321.4
1985	4	5	11.8	13.2	6.7	8.7	3.9	4.9	33.0	2.0	24.6	10.4	7.5	4.0	17.9	19.7	35.5	70.1	105.7	53.6	157.2	12.3	520.5
1985	4	6	9.5	7.6	5.3	6.4	2.2	2.3	18.1	2.0	14.3	7.4	4.7	3.5	15.0	11.4	19.8	41.5	72.0	25.3	151.7	6.8	375.4
1985	5	1	9.1	5.4	8.0	13.3	1.5	1.6	15.0	2.0	15.3	5.3	3.4	3.4	13.0	19.2	36.0	65.4	31.2	10.3	51.7	6.7	262.9
1985	5	2	14.4	7.4	27.0	35.6	1.4	1.9	16.7	2.0	32.6	18.3	9.6	31.9	62.5	15.3	26.0	47.4	23.8	11.4	32.3	7.3	320.4
1985	5	3	33.8	5.3	37.0	40.8	5.0	6.4	35.1	2.0	42.7	16.3	11.1	8.1	39.8	45.5	79.0	129.6	25.6	15.4	28.1	8.4	451.6
1985	5	4	49.9	10.9	27.7	23.0	4.5	5.2	32.8	2.0	34.3	21.6	12.6	16.7	63.7	40.9	64.7	114.0	65.8	13.7	105.9	6.6	562.5
1985	5	5	41.0	17.7	23.4	17.7	11.1	23.2	92.4	2.0	61.6	29.2	28.7	17.8	61.1	47.5	82.9	141.9	59.8	16.9	63.9	6.5	619.8
1985	5	6	20.3	7.8	10.3	8.8	6.4	7.7	30.8	2.0	25.6	17.0	12.8	7.1	28.1	24.6	43.6	75.9	34.6	9.4	37.0	6.5	324.2
1985	6	1	9.9	4.3	5.7	5.8	3.0	3.3	16.6	2.0	13.0	8.2	5.7	3.9	15.6	12.0	20.9	36.9	18.7	7.9	22.3	6.4	173.5
1985	6	2	7.0	3.7	4.1	5.6	1.7	2.0	12.5	2.0	9.7	5.4	3.7	3.4	12.0	9.2	15.8	28.2	14.8	7.8	18.2	6.3	136.5
1985	6	3	6.6	5.9	4.0	5.9	1.3	1.5	14.3	2.0	10.2	5.2	3.1	3.8	13.2	10.7	17.3	30.5	15.3	8.6	23.5	6.2	149.6
1985	6	4	6.5	3.6	3.9	5.4	1.1	1.4	10.4	2.0	9.4	4.7	3.1	3.4	11.8	7.6	12.9	22.8	20.1	7.7	17.8	6.2	129.5
1985	6	5	6.5	3.7	3.9	5.4	1.2	1.4	11.2	2.0	9.4	4.6	3.1	3.3	11.7	7.2	12.4	22.0	14.1	7.6	17.6	6.1	121.1
1985	6	6	6.4	3.6	3.9	5.3	1.1	1.4	9.4	2.0	9.3	4.6	3.0	3.3	11.6	7.5	13.3	23.3	15.1	7.5	17.5	6.1	124.1

I-3 SIMULATED 5-DAY DISCHARGE BY SUB-BASIN OF KUANTAN-INDRAGIRI RIVER BASIN (5/11)

Indragiri River Basin

Year	Month	5-Day	I-01	I-02	I-03	I-04	I-05	I-06	I-07 with Singkarak Power Station	I-08	I-09	I-10	I-11	I-12	I-13	I-14	I-15	I-16	I-17	I-18	I-19	Total
1985	7	1	6.4	3.5	3.8	5.3	1.1	1.4	11.5	2.0	9.2	4.6	3.0	3.2	11.6	19.8	35.1	58.5	22.8	11.4	21.6	6.0	208.8
1985	7	2	6.3	4.2	3.8	5.2	1.1	1.4	19.3	2.0	9.1	4.5	3.0	3.2	11.4	14.2	24.6	40.5	20.1	10.8	22.9	6.0	172.3
1985	7	3	6.3	3.5	4.4	7.8	1.1	1.4	9.9	2.0	9.5	4.5	2.9	3.2	11.4	7.8	13.7	23.1	25.9	16.5	30.7	11.3	162.5
1985	7	4	6.3	3.5	3.7	5.2	1.4	1.4	20.8	2.0	9.0	6.1	3.3	4.6	15.9	13.3	22.5	37.8	46.8	18.6	40.5	5.9	226.3
1985	7	5	6.2	3.4	4.0	9.1	1.2	1.4	11.3	2.0	9.5	5.4	3.0	3.8	15.5	17.5	30.1	50.5	28.0	9.7	21.2	5.8	202.0
1985	7	6	19.4	3.8	24.2	23.4	1.1	1.3	9.2	2.0	14.9	4.8	2.9	5.2	16.0	8.4	14.5	25.0	15.1	7.4	17.0	5.8	139.0
1985	8	1	6.2	3.8	6.2	11.0	1.0	1.3	9.1	2.0	9.2	5.6	2.9	6.0	16.8	6.9	12.0	21.3	17.9	17.5	16.9	12.9	147.9
1985	8	2	6.1	3.4	4.1	6.5	1.0	1.3	9.1	2.0	8.8	6.6	3.0	9.6	19.2	6.9	12.0	21.2	14.2	11.3	17.7	7.6	140.1
1985	8	3	6.0	3.3	3.9	5.2	1.0	1.3	14.6	2.0	8.8	4.8	2.8	6.1	12.7	6.8	11.9	21.0	14.9	11.5	16.6	5.7	125.6
1985	8	4	20.8	9.6	14.5	7.7	2.3	1.6	22.9	2.0	11.7	14.5	5.9	15.6	39.0	25.6	44.5	68.8	17.7	11.0	16.5	6.2	279.0
1985	8	5	6.9	3.8	6.7	5.1	1.1	1.3	10.2	2.0	8.7	6.0	2.8	5.7	15.1	7.6	13.2	22.7	13.3	7.2	16.4	5.6	126.3
1985	8	6	12.9	6.2	3.9	5.0	1.0	1.3	9.7	2.0	8.6	4.3	2.8	3.3	11.2	6.7	11.7	20.7	15.0	10.8	16.3	6.2	119.6
1985	9	1	7.0	5.6	4.3	12.6	2.1	1.4	9.5	2.0	10.8	7.4	3.3	3.7	13.4	9.0	15.3	28.8	35.6	15.1	52.9	5.5	202.8
1985	9	2	29.6	6.0	15.6	51.6	2.4	4.3	30.0	2.0	43.1	4.8	4.6	3.0	10.9	9.0	16.2	27.9	13.6	7.0	17.7	5.4	165.2
1985	9	3	38.8	33.8	41.7	107.0	8.0	11.6	58.5	2.0	118.5	28.8	19.7	23.7	54.7	10.1	18.0	33.9	20.8	7.2	55.4	5.4	398.2
1985	9	4	18.1	13.4	16.8	30.2	2.9	4.1	35.8	2.0	40.0	7.9	6.9	4.7	18.2	9.1	15.3	28.0	21.5	20.4	53.9	10.3	238.2
1985	9	5	30.3	15.1	22.9	41.7	5.3	8.8	49.5	2.0	58.8	20.2	16.1	18.0	48.8	9.1	15.3	26.1	21.9	20.8	50.2	8.0	315.3
1985	9	6	44.2	13.4	21.9	26.2	4.2	5.0	63.6	2.0	36.6	22.3	12.8	21.1	63.3	46.3	82.7	134.2	37.1	19.0	35.2	8.4	521.0
1985	10	1	33.3	9.7	18.1	30.0	2.8	2.8	29.4	2.0	31.7	16.4	8.7	15.4	47.6	29.9	55.2	94.1	43.6	16.8	57.9	5.3	424.6
1985	10	2	26.8	31.8	21.8	36.7	3.2	9.4	65.4	2.0	69.5	13.6	14.9	16.5	52.2	24.6	45.6	83.9	95.2	31.7	140.3	5.3	595.3
1985	10	3	15.2	15.3	11.6	18.9	1.7	3.6	29.3	2.0	32.1	6.8	6.5	6.8	28.5	31.4	60.2	105.9	58.8	29.8	86.8	8.6	464.2
1985	10	4	17.5	11.1	8.7	14.8	1.6	2.4	36.5	2.0	24.2	8.8	6.0	10.4	36.9	35.6	66.6	114.8	51.7	18.0	66.5	5.7	447.2
1985	10	5	9.8	5.7	5.9	9.2	1.8	1.8	34.8	2.0	14.6	11.1	5.9	10.3	31.0	33.3	65.6	118.1	110.2	35.1	116.2	9.3	562.7
1985	10	6	16.2	6.2	12.4	15.0	4.5	4.0	59.0	2.0	21.7	27.0	13.8	28.0	65.0	25.4	45.8	88.1	146.9	59.8	237.9	36.0	797.4
1985	11	1	111.9	15.6	42.8	49.2	6.9	10.1	69.0	2.0	62.9	34.2	23.1	34.7	88.5	19.0	32.7	62.0	108.6	65.9	109.3	22.4	665.3
1985	11	2	110.6	27.9	49.2	41.6	7.8	10.5	83.0	2.0	65.7	52.5	30.1	62.4	132.6	12.3	20.0	40.9	141.1	58.5	161.6	13.2	792.9
1985	11	3	65.5	22.5	31.0	27.8	6.1	5.7	44.5	2.0	40.0	39.2	19.4	40.2	100.4	20.4	32.7	59.1	103.3	59.4	141.5	31.2	688.8
1985	11	4	37.2	13.3	18.0	16.8	3.2	2.9	28.5	2.0	23.9	25.3	12.1	24.6	64.9	18.6	30.8	55.6	57.4	34.0	76.7	20.8	446.7
1985	11	5	22.8	7.5	9.9	9.3	1.8	2.1	41.1	2.0	14.6	13.1	6.3	12.1	35.5	10.5	17.2	33.1	43.3	19.1	73.6	28.0	308.4
1985	11	6	16.8	5.6	7.2	8.3	1.6	1.7	47.6	2.0	13.1	9.4	5.0	7.1	22.7	11.7	19.7	37.0	56.6	23.6	77.3	30.1	315.3
1985	12	1	20.3	5.0	24.6	20.2	1.3	1.3	37.1	2.0	17.4	7.4	4.0	6.2	21.8	16.3	26.1	49.3	180.6	74.5	121.4	26.1	553.1
1985	12	2	19.5	4.1	22.2	7.3	1.0	1.3	26.0	2.0	10.1	5.3	2.9	4.2	18.0	17.5	28.3	56.4	103.4	49.0	139.9	25.4	462.4
1985	12	3	28.7	3.4	13.1	6.7	1.0	1.3	18.5	2.0	8.8	4.5	2.8	5.0	23.6	69.2	132.6	242.9	180.1	81.4	338.4	135.3	1226.6
1985	12	4	16.0	3.3	7.1	7.1	1.0	1.2	21.8	2.0	8.7	5.2	2.9	5.6	19.6	72.4	138.3	236.7	99.0	44.8	147.0	64.9	847.1
1985	12	5	19.5	9.4	18.3	11.7	2.0	4.6	56.1	2.0	22.8	12.2	8.5	20.5	74.6	104.7	187.9	313.5	71.3	26.8	88.1	38.1	971.0
1985	12	6	13.1	5.4	9.3	5.4	1.0	1.6	22.5	2.0	9.8	5.8	3.7	8.9	42.1	66.3	119.3	202.2	63.3	33.6	96.0	33.9	686.9
1986	1	1	34.6	15.6	27.6	39.5	3.3	8.9	46.1	2.0	58.3	18.4	15.9	24.4	80.6	40.2	66.8	121.9	77.6	27.7	166.8	24.6	725.2
1986	1	2	146.4	78.6	76.0	129.2	13.7	26.3	103.4	2.0	190.6	134.9	82.5	177.6	391.7	101.8	182.3	328.8	279.8	90.9	372.6	223.8	2559.3
1986	1	3	65.0	39.4	31.0	38.7	5.8	8.6	42.2	2.0	63.1	37.6	22.5	44.0	107.4	41.2	72.5	129.9	107.1	57.9	166.7	97.2	949.1
1986	1	4	30.8	15.7	17.2	19.0	2.4	4.1	25.9	2.0	31.5	17.9	11.6	21.5	57.9	26.1	45.9	83.2	92.4	33.0	115.3	40.9	579.2
1986	1	5	29.2	10.8	28.0	9.9	1.3	2.3	21.1	2.0	17.9	9.8	6.7	13.4	40.4	48.0	92.5	154.9	54.1	24.0	72.8	26.7	563.2
1986	1	6	18.4	6.5	18.6	20.5	2.1	2.0	15.6	2.0	17.8	9.1	5.0	7.8	28.5	22.6	41.1	72.1	38.0	28.4	63.0	17.2	352.6
1986	2	1	14.9	5.2	11.9	9.6	1.3	1.6	16.2	2.0	13.0	6.5	4.2	6.3	21.8	16.7	29.6	55.2	67.4	36.7	80.6	27.8	367.8
1986	2	2	12.2	4.6	10.5	11.1	1.2	1.3	24.8	2.0	12.3	19.9	8.3	33.0	71.8	29.5	52.6	96.1	133.1	51.0	121.6	16.7	647.9
1986	2	3	11.0	5.5	7.2	8.1	1.0	1.5	20.7	2.0	11.8	8.0	3.8	11.5	31.9	16.4	29.6	53.7	41.8	43.8	56.5	16.6	327.4
1986	2	4	9.1	3.6	6.0	6.7	1.0	1.2	15.8	2.0	9.8	5.8	3.4	7.3	24.7	11.6	19.2	34.9	24.7	21.3	35.1	57.4	257.2
1986	2	5	6.8	3.3	4.5	6.0	0.9	1.4	12.4	2.0	8.7	4.4	2.8	4.7	16.8	9.2	15.6	28.2	20.4	12.8	26.8	22.0	174.4
1986	2	6	6.5	3.3	3.9	5.2	0.9	2.2	14.2	2.0	9.7	4.3	3.2	3.5	13.6	7.3	12.2	22.1	15.8	10.9	21.6	10.7	136.9
1986	3	1	61.8	19.9	33.0	34.5	2.0	4.2	21.6	2.0	42.4	16.6	10.8	23.4	74.9	35.1	62.3	108.5	108.5	48.3	132.9	88.6	754.3
1986	3	2	94.3	49.7	75.3	89.7	3.4	16.4	77.2	2.0	138.9	24.2	28.4	42.6	116.6	36.8	60.9	104.4	59.2	67.8	86.5	134.3	902.6
1986	3	3	120.9	93.9	92.4	99.6	6.0	19.4	109.9	2.0	172.2	39.4	38.0	61.9	157.7	62.6	110.1	184.7	51.5	38.6	72.1	48.6	1039.4
1986	3	4	88.0	48.8	46.3	63.5	4.9	13.0	73.6	2.0	99.1	38.5	29.4	53.8	140.8	49.1	86.5	140.6	52.8	23.7	37.9	30.2	784.4
1986	3	5	61.2	55.9	39.7	49.2	4.8	10.4	60.7	2.0	86.3	27.0	21.2	29.0	89.1	56.4	99.9	167.7	49.6	24.0	60.1	50.5	762.8
1986	3	6	47.2	29.9	37.6	38.7	2.7	7.1	55.5	2.0	64.2	20.9	16.4	26.5	71.5	19.1	30.0	52.4	33.8	15.5	40.7	30.4	423.4
1986	4	1	27.5	17.7	25.5	43.3	1.4	3.4	42.2	2.0	47.5	9.9	8.3	16.0	48.8	10.9	18.2	33.5	134.5	59.7	175.3	76.8	641.4
1986	4	2	15.9	12.0	18.2	33.9	1.1	4.0	82.7	2.0	50.1	8.4	8.1	13.9	46.2	20.1	33.6	62.9	62.5	33.6	81.6	37.4	460.4
1986	4	3	53.3	21.7	24.5	26.0	1.1	2.2	45.0	2.0	37.0	8.3	5.6	12.5	46.0	32.1	55.1	94.5	66.5	47.1	54.5	21.2	482.4
1986	4	4	36.9	23.4	18.6	17.6	0.9	1.6	45.1	2.0	28.4	6.2	4.7	9.8	38.2	58.9	111.6	187.2	51.2	30.3	48.7	13.4	590.6
1986	4	5	26.0	33.9	14.4	18.4	2.3	11.5	105.9	2.0	55.8	5.4	11.2	7.1	37.5	85.6	159.3	258.0	59.9	28.5	31.9	9.1	751.3
1986	4	6	29.1	19.8	18.2	22.8	1.6	8.2	66.9	2.0	55.0	6.3	12.0	10.4	51.0	68.6	126.6	225.1	121.9	59.4	166.6	30.4	935.3
1986	5	1	69.6	14.6	19.4	44.6	1.4	7.5	86.8	2.0	63.3	11.1	14.2	22.1	86.2	141.7	271.8	464.9	141.6	59.5	213.5	56.1	1548.0
1986	5	2	40.7	21.9	15.4	25.6	1.0	4.3	62.0	2.0	47.7	5.7	8.3	11.3	47.7	48.8	90.2	160.3	125.4	48.1	148.1	59.6	803.2
1986	5	3	18.1	9.6	7.7	11.5	0.9	1.9	32.1	2.0	21.9	4.4	4.2	5.5	23.3	26.1	47.8	85.4	64.9	25.5	65.3	31.0	407.3
1986	5	4	11.3	6.1	5.5	7.8	0.9	1.3	20.5	2.0	14.6	4.3	3.0	3.8	17.6	19.0	33.8	63.6	48.9	18.7	77.0	19.1	325.4
1986	5	5	12.2	5.6	12.3	5.7	4.5	2.1	15.8	2.0	10.8	11.4	4.8	4.2	15.4	12.9	22.6	41.4	30.8	16.3	52.3	10.7	235.6
1986	5	6	15.5	11.5	11.7	9.2	3.8	4.7	42.4	2.0	23.4	6.4	5.0	3.5	12.4	10.2	17.3	31.7	28.4	13.3	35.3	10.6	199.5
1986	6	1	19.2	12.1	7.8	5.5	2.5	2.5	31.8	2.0	13.9	5.4	3.3	4.5	13.1	7.5	12.8	24.3	112.1	28.4	211.5	14.9	453.7
1986	6	2	20.6	10.2	7.4	5.8	2.3	2.2	28.8	2.0	11.2	9.9	4.3	10.2	18.8	7.0	12.0	21.6	82.1	22.4	116.3	9.2	327.0
1986	6	3	10.5	5.4	5.0	6.1	1.5	1.5	23.3	2.0	10.1	4.4	3.0	3.4	11.9	17.0	31.7	57.4	118.0	61.2	190.7	15.3	526.1
1986	6	4	8.0	3.8	4.3	5.4	0.9	1.2	14.1	2.0	9.1	5.2	3.0	6.8	18.1	14.7	26.7	47.5	52.1	20.3	79.3	8.7	293.5
1986	6	5	6.8	3.5	4.1	5.4	0.9	1.2	10.7	2.0	8.9	4.1	2.8	3.4	11.7	7.0	12.2	22.3	26.7	10.7	39.5	6.4	157.7
1986	6	6	6.7	3.5	4.1	5.3	0.9	1.2	15.1	2.0	8.8	4.1	2.7	3.3	11.6	6.8	11.8	21.1	20.8	8.2	27.5	6.4	135.1
1986	7	1	8.4	4.3	5.9	5.3	0.9	1.2	16.3	2.0	8.8	6.1	3.2	7.7	18.0	6.8	11.8	21.5	20.9	10.5	28.7	6.7	152.7
1986	7	2	6.6	3.4	4.0	5.2	0.9	1.2	12.8	2.0	8.7	4.0	2.7	3.9	12.0	6.7	11.6	20.8	29.2	11.7	19.3	6.3	138.9
1986	7	3	6.6	3.4	4.0	5.2	0.8	1.2	33.3	2.0	8.6	5.1	2.9	6.8	18.9	16.5	31.7	50.9	39.5	10.2	44.6	12.2	249.9
1986	7	4	6.5	3.4	4.0	5.1	0.8	1.1	14.3	2.0	8.6	4.0	2.7	3.4	11.9	17.4	32.5	53.9	18.3	7.8	19.5	9.5	191.5
1986	7	5	6.4	3.3	3.9	5.1	0.9	2.4	15.6	2.0	10.7	4.0	3.8	3.6	11.5	6.9	12.3	21.5	27.8	10.9	18.3	6.7	140.0
1986	7	6	10.0	11.3	4.2	6.5	1.1	7.2	45.5	2.0	26.1	11.6	11.6	22.6	44.2	16.3	29.9	49.3	30.6	7.9	21.9	7.7	281.7
1986	8	1	6.4	9.0	3.9	5.0	0.8	2.3	26.0	2.0	10.0	5.3	5.2	6.2	16.4	7.6	13.9	24.1	18.5	7.7	19.7	6.1	142.7
1986	8	2	6.3	5.9	3.8	5.0	0.8	1.2	15.3	2.0	8.4	3.9	2.6	3.2	11.2	6.6	11.3	20.3	14.8	7.6	18.0	6.0	115.9
1986	8	3	6.2	3.3	3.8	4.9	0.8	1.1	10.5	2.0	8.3	3.9	2.6	3.2	11.1	6.5	11.3	20.2	14.5	7.5	17.8	5.9	114.8

I-3 SIMULATED 5-DAY DISCHARGE BY SUB-BASIN OF KUANTAN-INDRAGIRI RIVER BASIN (6/11)

Indragiri River Basin

Year	Month	5-Day	I-01	I-02	I-03	I-04	I-05	I-06	I-07 with Singkarak Power Station	I-08	I-09	I-10	I-11	I-12	I-13	I-14	I-15	I-16	I-17	I-18	I-19	Total
1986	8	4	6.2	3.4	3.8	4.9	0.8	1.1	9.5	2.0	8.3	3.8	2.6	3.1	11.0	6.5	11.2	20.0	14.4	7.5	17.7	5.8	113.9
1986	8	5	6.1	3.2	3.7	4.8	0.8	1.3	13.4	2.0	8.2	4.1	2.8	4.7	14.8	6.4	11.1	19.8	15.3	7.6	17.5	7.3	121.6
1986	8	6	6.8	3.7	5.3	12.3	0.8	1.6	26.0	2.0	14.5	8.9	5.0	15.0	31.7	6.4	11.0	19.7	18.3	9.0	18.7	9.3	169.5
1986	9	1	6.0	3.2	3.7	5.2	0.8	1.1	13.7	2.0	8.1	3.8	2.5	4.1	14.7	6.3	10.9	19.5	25.7	10.5	17.7	8.4	134.2
1986	9	2	7.0	3.6	7.3	10.6	0.8	1.1	29.1	2.0	12.4	3.7	2.5	3.4	11.1	7.0	11.7	20.6	68.6	16.1	17.2	6.8	183.1
1986	9	3	8.3	7.3	10.4	10.0	0.8	1.1	19.6	2.0	12.7	3.7	2.5	3.3	13.4	16.8	30.6	49.8	90.5	18.2	28.9	5.6	278.0
1986	9	4	6.9	3.2	13.6	4.7	0.8	1.1	12.7	2.0	8.0	3.7	2.5	3.0	10.7	7.0	12.5	22.0	38.8	7.2	18.1	5.6	141.1
1986	9	5	9.9	3.5	8.6	14.3	0.9	1.3	29.8	2.0	16.9	4.0	2.5	3.5	21.3	47.4	86.4	134.8	48.1	12.2	17.0	29.9	426.0
1986	9	6	24.0	8.6	18.7	54.8	0.8	1.2	31.0	2.0	40.7	6.4	3.6	8.4	46.1	61.1	107.0	179.1	72.4	15.6	64.5	20.7	627.6
1986	10	1	53.6	22.8	23.8	41.3	4.0	4.9	48.5	2.0	53.7	18.5	11.1	17.9	67.7	59.3	105.3	192.5	104.6	19.4	230.3	23.0	905.3
1986	10	2	39.4	29.6	25.4	41.6	2.6	3.4	50.1	2.0	54.9	21.1	11.5	21.5	74.0	49.5	85.9	147.2	85.1	14.8	98.4	18.6	684.5
1986	10	3	29.8	11.3	29.3	22.1	1.3	1.3	38.5	2.0	27.0	11.1	5.3	11.5	46.6	43.1	78.9	146.3	168.6	58.1	234.3	55.8	888.6
1986	10	4	46.7	15.0	33.3	12.0	0.9	1.0	29.5	2.0	16.8	7.2	3.1	7.2	31.1	22.3	37.0	68.8	94.2	31.2	107.7	20.0	448.6
1986	10	5	20.9	7.3	15.9	7.6	1.3	2.6	28.5	2.0	15.1	5.4	4.2	4.0	17.4	14.1	22.8	45.0	83.7	35.7	114.6	52.5	416.5
1986	10	6	32.0	14.9	21.6	22.3	5.9	5.6	37.7	2.0	31.8	50.4	21.0	58.9	149.6	110.1	202.2	343.6	115.9	27.0	179.1	28.1	1319.7
1986	11	1	17.4	8.6	13.0	14.0	10.1	4.7	46.5	2.0	17.4	49.7	19.7	30.9	86.9	63.9	114.7	198.1	80.2	26.4	118.6	38.5	847.0
1986	11	2	10.6	4.8	8.3	7.6	3.9	1.8	25.3	2.0	10.8	21.4	9.1	15.5	47.4	35.3	63.2	111.0	81.0	21.2	98.7	40.4	557.0
1986	11	3	8.3	3.6	6.0	5.4	2.2	1.2	17.2	2.0	8.3	11.4	4.7	7.1	24.8	20.6	36.9	64.8	46.1	11.4	54.0	17.5	309.6
1986	11	4	6.3	3.1	4.3	4.7	1.3	1.0	13.7	2.0	7.9	7.0	3.5	4.9	19.2	30.4	54.8	91.8	36.6	11.6	36.7	19.7	326.1
1986	11	5	73.0	3.1	15.3	16.0	2.4	2.1	28.0	2.0	15.8	13.5	6.5	11.5	52.9	100.0	178.4	294.8	40.3	10.6	44.3	89.4	860.0
1986	11	6	41.8	3.1	17.9	16.1	6.5	4.0	50.6	2.0	15.9	29.6	12.4	19.8	76.8	65.2	110.7	196.6	136.5	54.2	240.8	51.2	1011.7
1986	12	1	19.2	3.1	21.1	41.5	2.9	1.2	30.9	2.0	23.0	44.7	17.0	64.7	167.2	86.1	148.1	262.6	140.5	61.0	244.2	54.6	1315.7
1986	12	2	12.7	5.4	15.0	29.3	7.7	2.2	18.2	2.0	18.0	50.4	17.1	41.2	122.9	97.6	175.0	303.3	168.9	60.3	250.1	39.6	1346.4
1986	12	3	60.3	17.5	23.5	37.0	6.4	4.0	22.9	2.0	38.3	56.7	25.6	63.0	156.3	60.1	101.6	187.7	148.1	38.1	273.1	52.4	1203.0
1986	12	4	22.5	10.9	10.9	14.3	2.8	3.6	22.3	2.0	21.1	21.5	12.3	21.4	61.9	34.0	59.5	103.4	100.5	20.2	103.7	25.3	586.8
1986	12	5	12.6	8.3	6.7	9.4	2.1	2.5	15.9	2.0	15.9	18.8	11.0	20.9	58.0	39.1	71.4	121.0	78.8	14.8	85.0	25.5	562.2
1986	12	6	29.6	8.9	5.8	8.0	3.3	2.3	12.0	2.0	13.3	26.4	12.5	26.3	69.9	40.3	68.9	119.6	77.4	15.5	111.8	23.0	606.9
1987	1	1	13.4	6.3	7.0	13.9	4.6	2.6	14.2	2.0	15.0	20.2	9.1	13.0	39.9	32.0	55.2	98.5	58.2	11.5	90.7	12.7	458.0
1987	1	2	20.1	10.0	11.7	29.6	6.7	9.8	57.6	2.0	45.3	22.7	15.2	14.5	51.6	47.8	87.7	146.0	85.3	39.3	77.8	29.2	664.4
1987	1	3	22.5	11.7	12.3	25.2	8.0	8.5	37.7	2.0	41.0	29.1	17.7	18.2	54.0	29.4	53.1	93.2	97.3	40.5	112.9	89.5	677.9
1987	1	4	10.4	5.3	9.6	43.5	3.9	3.9	19.9	2.0	31.2	16.8	9.7	12.1	38.7	24.1	44.6	78.2	60.7	23.1	73.1	46.4	460.7
1987	1	5	14.3	9.5	17.8	41.0	2.9	2.8	17.0	2.0	44.5	13.4	7.4	10.0	39.9	30.6	56.8	98.9	65.0	25.6	69.3	32.1	495.5
1987	1	6	9.5	11.1	16.1	24.1	3.9	5.1	25.0	2.0	36.3	11.8	8.5	7.1	30.9	33.9	63.0	111.3	54.8	27.6	95.9	67.5	550.6
1987	2	1	7.6	6.7	9.4	13.1	2.1	2.5	15.5	2.0	20.6	7.9	5.1	5.2	20.9	17.8	32.0	58.1	31.0	12.3	51.4	35.1	299.4
1987	2	2	7.3	4.3	8.5	8.4	1.9	1.9	19.2	2.0	12.7	11.6	6.4	13.5	32.5	12.3	21.8	38.3	22.3	8.7	30.0	18.4	230.5
1987	2	3	6.2	3.3	9.8	14.8	2.6	1.7	16.5	2.0	14.2	11.3	4.8	6.8	29.9	31.6	56.1	92.6	17.1	7.3	22.1	11.4	307.2
1987	2	4	14.7	11.9	15.2	7.5	1.6	1.7	38.4	2.0	13.4	5.8	3.6	3.6	16.8	16.7	29.1	48.6	15.3	7.3	18.4	7.1	187.7
1987	2	5	15.2	8.3	14.6	6.5	1.7	2.2	68.2	2.0	12.6	5.3	3.6	3.3	13.8	9.6	16.8	29.1	28.5	10.8	25.2	8.6	169.2
1987	2	6	7.0	4.1	9.0	5.1	1.2	1.2	33.2	2.0	9.7	4.2	2.7	3.3	11.4	7.7	13.6	24.0	22.0	7.5	23.5	8.0	139.6
1987	3	1	6.0	3.0	6.0	12.0	1.2	1.6	29.3	2.0	14.0	7.7	4.8	8.7	24.0	14.3	26.2	43.7	58.5	16.8	23.5	6.3	250.5
1987	3	2	8.5	12.7	13.9	25.8	2.0	6.0	66.1	2.0	45.2	8.8	7.7	10.0	40.2	35.4	65.3	102.5	82.2	7.5	19.8	6.2	432.8
1987	3	3	63.7	26.9	27.9	43.0	3.2	7.1	61.5	2.0	61.8	17.7	15.3	21.8	71.6	34.0	57.9	90.0	73.1	7.7	18.0	6.1	477.0
1987	3	4	81.7	17.1	28.0	34.9	4.1	11.7	71.9	2.0	64.3	20.9	20.6	26.8	71.6	19.1	31.4	49.8	33.2	7.1	18.4	7.7	372.9
1987	3	5	52.7	13.2	24.2	41.8	10.9	18.4	84.9	2.0	74.6	30.7	26.2	23.1	66.4	21.0	34.3	56.1	21.2	7.3	23.1	6.0	392.0
1987	3	6	57.0	9.7	19.2	36.2	6.7	10.0	41.7	2.0	53.4	37.3	23.8	43.9	87.1	10.6	17.6	30.9	21.5	18.9	41.8	8.5	397.3
1987	4	1	35.8	9.3	20.4	38.4	3.8	5.6	28.3	2.0	45.7	27.3	16.8	29.4	70.6	8.1	13.8	24.5	103.5	13.9	53.1	7.4	416.1
1987	4	2	25.8	5.9	15.8	34.9	3.1	4.4	24.7	2.0	37.5	27.7	15.5	40.0	80.0	7.1	12.0	21.5	42.9	17.6	32.1	14.8	350.7
1987	4	3	34.3	27.7	23.1	35.4	2.0	2.9	37.7	2.0	47.3	27.7	15.0	33.1	79.9	6.7	11.7	20.7	58.2	20.6	39.2	6.5	368.6
1987	4	4	30.9	17.6	17.4	25.9	5.3	6.7	58.4	2.0	43.3	24.2	15.1	20.2	50.1	6.9	12.0	21.0	39.9	10.7	28.7	5.9	280.0
1987	4	5	41.3	22.9	18.2	37.3	9.7	12.2	69.8	2.0	59.4	36.1	23.1	25.9	66.3	6.7	11.5	20.4	68.6	8.1	68.5	8.3	404.9
1987	4	6	41.5	17.3	35.9	75.0	13.0	16.1	85.5	2.0	89.3	55.7	33.7	44.4	105.0	14.2	26.2	44.3	65.8	33.9	40.9	79.5	634.9
1987	5	1	47.4	63.0	38.4	84.5	8.5	10.8	83.9	2.0	118.6	74.9	39.0	90.4	200.7	33.8	61.9	98.1	85.9	43.9	31.8	34.5	915.5
1987	5	2	42.5	36.3	43.7	96.4	6.0	7.5	82.7	2.0	103.3	62.7	32.6	80.7	180.3	23.2	38.2	61.7	59.2	23.4	32.4	20.1	719.8
1987	5	3	88.4	58.5	85.8	141.6	5.1	6.3	69.1	2.0	144.3	86.4	41.1	125.5	264.3	17.9	30.5	50.2	42.7	13.8	30.8	8.5	858.0
1987	5	4	30.5	25.9	27.0	46.4	2.4	3.0	43.5	2.0	60.1	34.0	18.3	38.0	92.1	14.5	25.4	43.4	36.0	9.9	28.9	6.7	409.3
1987	5	5	16.9	14.9	17.5	26.5	1.6	2.0	25.5	2.0	34.9	17.5	9.2	20.4	52.0	15.6	28.2	47.8	28.1	7.9	22.8	5.8	292.2
1987	5	6	19.0	11.8	21.9	32.2	4.0	4.8	44.5	2.0	41.5	13.3	8.7	10.7	36.6	20.8	34.3	57.1	36.8	8.2	25.9	5.7	301.6
1987	6	1	11.6	7.0	13.0	21.2	1.8	2.2	29.9	2.0	24.8	9.8	5.6	10.7	34.1	31.7	60.2	96.6	25.0	14.6	18.5	14.5	348.1
1987	6	2	8.3	5.2	8.6	14.7	1.0	1.3	20.0	2.0	18.0	8.6	4.9	9.0	26.5	17.2	31.3	55.5	30.7	8.0	41.5	11.0	264.2
1987	6	3	6.4	3.6	5.9	10.1	0.9	1.1	13.8	2.0	13.1	8.2	4.2	11.5	27.3	8.5	14.8	26.3	26.4	10.7	30.2	5.6	188.8
1987	6	4	6.3	3.2	4.2	7.0	2.6	3.2	14.5	2.0	10.0	8.2	5.2	6.4	18.8	13.4	24.4	42.0	22.2	6.8	32.8	5.5	197.7
1987	6	5	8.4	4.0	4.1	5.5	5.1	6.2	24.7	2.0	11.1	8.8	6.8	4.7	16.0	7.9	13.1	23.6	20.6	8.8	19.9	5.5	148.8
1987	6	6	6.2	3.2	4.1	5.4	1.2	1.4	16.7	2.0	8.6	4.7	2.9	3.7	13.2	10.9	17.1	29.7	19.0	7.4	26.6	5.4	151.2
1987	7	1	6.5	3.1	4.0	5.4	0.9	1.1	10.7	2.0	8.6	4.4	2.8	3.9	12.2	6.8	11.4	21.0	19.9	6.6	42.4	5.4	147.4
1987	7	2	7.2	25.2	4.7	5.3	0.9	1.1	20.7	2.0	11.6	4.4	2.8	4.4	12.5	6.4	11.1	19.7	15.2	6.6	20.9	5.3	122.9
1987	7	3	6.1	15.5	4.0	5.3	0.8	1.1	16.7	2.0	8.5	5.1	2.9	8.5	16.9	6.4	11.0	19.6	18.1	6.9	17.6	5.9	129.4
1987	7	4	6.0	4.8	3.9	5.2	0.8	1.1	10.3	2.0	8.4	4.3	2.7	3.6	12.0	6.4	11.1	19.7	15.4	6.5	16.8	5.2	114.1
1987	7	5	6.2	4.0	4.7	5.2	0.8	1.1	15.2	2.0	8.3	4.3	2.7	4.2	12.4	7.3	13.2	22.5	21.1	7.9	16.7	15.7	138.3
1987	7	6	6.0	4.4	3.9	5.1	1.6	2.0	27.2	2.0	8.7	10.9	6.1	12.0	25.8	7.4	13.2	22.8	14.7	6.4	16.6	16.5	163.1
1987	8	1	5.9	5.9	5.2	8.8	1.4	1.8	15.8	2.0	10.6	4.4	3.0	3.5	11.8	6.3	11.1	19.4	14.6	6.3	16.6	5.1	114.7
1987	8	2	5.9	3.2	4.2	8.1	1.7	2.2	21.5	2.0	10.4	5.4	3.8	3.5	11.7	6.2	10.7	19.1	14.5	6.3	17.9	5.1	116.6
1987	8	3	16.1	7.9	23.1	9.0	2.0	2.3	27.1	2.0	11.7	7.8	4.7	10.1	30.8	15.9	29.7	48.3	18.8	8.4	17.8	6.3	212.3
1987	8	4	19.7	16.6	25.5	6.0	1.1	1.4	29.7	2.0	10.5	6.1	3.3	8.1	33.1	18.0	27.7	46.0	14.3	6.2	16.1	5.0	196.4
1987	8	5	11.4	7.7	10.9	5.7	0.8	1.0	15.0	2.0	8.2	4.2	2.6	3.5	13.4	8.8	13.8	23.2	14.2	6.1	16.0	4.9	120.9
1987	8	6	9.4	12.3	4.8	5.0	1.6	1.9	20.0	2.0	8.7	4.4	3.1	3.6	11.5	6.1	10.5	18.7	14.1	6.1	15.8	4.8	109.4
1987	9	1	10.4	16.1	3.8	4.9	2.0	2.4	21.7	2.0	9.2	4.6	3.2	3.4	11.5	10.6	20.9	34.6	35.4	34.7	21.8	7.1	199.0
1987	9	2	21.8	10.1	3.8	4.9	1.0	1.2	39.2	2.0	8.0	4.1	2.6	3.4	11.4	11.2	22.6	38.1	77.8	29.4	36.6	4.7	251.9
1987	9	3	32.4	5.1	3.7	4.8	0.8	1.0	22.3	2.0	8.0	4.1	2.6	4.0	12.7	7.4	12.8	22.3	41.2	27.4	39.5	23.6	207.6
1987	9	4	12.6	3.4	3.7	5.2	0.8	1.0	23.3	2.0	7.9	7.4	3.2	17.1	39.8	11.3	17.7	27.7	31.0	14.5	18.7	11.5	209.8
1987	9	5	9.0	3.0	3.7	4.8	3.7	4.6	25.6	2.0	9.2	12.7	7.2	11.8	31.0	6.8	11.3	19.4	31.4	8.0	15.4	11.6	177.8
1987	9	6	12.4	3.2	4.0	4.8	1.3	1.6	21.2	2.0	7.9	7.1	3.6	8.0	25.0	8.3	12.5	21.3	23.9	6.5	16.7	7.6	150.4

I-3 SIMULATED 5-DAY DISCHARGE BY SUB-BASIN OF KUANTAN-INDRAGIRI RIVER BASIN (7/11)

Indragiri River Basin

Year	Month	5-Day	I-01	I-02	I-03	I-04	I-05	I-06	I-07 with Singkarak Power Station	I-08	I-09	I-10	I-11	I-12	I-13	I-14	I-15	I-16	I-17	I-18	I-19	Total
1987	10	1	11.1	3.0	7.8	27.0	0.8	1.0	14.7	2.0	17.0	4.0	2.5	3.8	14.8	6.4	10.4	18.2	16.7	5.9	15.3	4.7	121.7
1987	10	2	37.5	9.7	15.0	27.2	3.8	4.7	23.8	2.0	33.0	14.5	9.2	17.3	29.0	5.9	10.1	18.0	14.2	5.9	15.2	6.2	180.5
1987	10	3	120.6	19.5	18.7	18.1	11.8	14.5	53.2	2.0	40.5	34.7	23.3	22.6	64.9	28.7	49.8	78.8	22.5	12.5	15.1	6.5	401.9
1987	10	4	126.1	61.7	31.8	12.1	13.9	17.1	101.5	2.0	62.8	67.8	39.9	57.4	131.5	39.3	62.4	99.6	38.2	12.6	18.8	29.1	661.4
1987	10	5	59.6	23.4	18.5	7.1	9.7	11.8	67.3	2.0	39.4	38.6	23.7	28.0	66.2	12.1	19.1	35.3	66.0	11.8	100.9	15.7	458.8
1987	10	6	50.8	14.1	9.8	5.6	6.6	8.2	49.1	2.0	24.8	23.4	15.0	14.4	38.1	10.7	17.8	36.6	114.9	33.9	137.7	32.3	501.6
1987	11	1	139.5	22.1	24.5	18.3	24.5	30.2	122.0	2.0	65.9	73.5	48.8	39.1	88.5	26.6	45.4	79.9	60.0	21.5	78.6	54.8	684.6
1987	11	2	56.4	20.1	18.5	11.5	9.5	11.9	63.2	2.0	44.0	35.4	22.4	23.8	64.2	31.4	56.4	92.7	53.5	21.9	40.2	45.9	533.8
1987	11	3	39.3	12.4	15.1	8.7	4.6	5.8	36.9	2.0	25.6	22.4	13.2	20.2	60.0	34.1	59.0	98.4	38.8	12.2	30.1	39.7	455.7
1987	11	4	21.4	6.6	7.5	5.4	2.3	2.9	22.0	2.0	14.2	11.9	7.0	10.3	30.6	12.5	20.4	38.6	41.9	23.1	40.9	32.0	285.4
1987	11	5	14.2	5.4	5.6	4.7	4.5	5.5	23.3	2.0	13.8	12.3	8.5	6.7	20.3	27.1	54.4	92.5	121.0	32.3	86.5	46.8	524.2
1987	11	6	14.5	4.4	6.5	4.6	2.7	3.3	31.3	2.0	10.0	10.5	6.3	9.5	25.6	13.9	26.2	50.8	76.5	41.4	94.6	135.6	502.9
1987	12	1	22.6	16.7	17.0	15.5	4.3	5.1	69.7	2.0	26.6	23.9	13.6	23.8	53.0	13.3	23.3	47.2	101.3	90.9	131.5	89.9	640.3
1987	12	2	11.3	8.8	5.9	4.6	1.4	1.7	35.0	2.0	9.8	9.2	5.1	8.8	26.3	17.2	29.9	58.1	95.1	43.0	108.7	71.6	484.8
1987	12	3	13.2	19.8	5.9	4.6	2.6	3.1	45.4	2.0	12.2	13.3	7.6	11.3	30.9	18.5	30.4	57.1	90.1	38.6	74.3	38.4	424.7
1987	12	4	28.9	15.6	15.9	13.6	2.2	2.6	46.7	2.0	17.9	20.8	11.0	31.9	65.3	12.7	17.7	36.4	71.6	43.5	88.9	42.7	462.4
1987	12	5	16.6	11.2	11.1	5.5	1.0	1.2	36.4	2.0	10.6	13.1	6.1	18.2	48.4	10.5	13.8	27.7	61.4	38.5	83.7	35.3	369.3
1987	12	6	14.6	12.4	14.2	5.7	0.8	1.1	18.8	2.0	8.6	12.8	4.6	25.8	51.8	8.4	13.4	25.5	50.4	51.9	59.6	35.3	350.1
1988	1	1	9.4	6.4	6.4	4.4	1.9	2.4	16.3	2.0	9.2	8.5	4.9	11.7	26.6	6.7	10.2	20.1	48.0	31.0	70.9	22.4	272.2
1988	1	2	8.0	8.6	7.0	16.0	1.9	2.4	23.0	2.0	20.1	12.2	6.1	13.9	34.4	7.9	13.6	23.4	37.2	18.0	35.6	36.6	261.0
1988	1	3	13.6	16.0	11.7	25.2	1.7	2.1	18.2	2.0	29.5	22.9	10.7	36.8	75.9	5.8	9.9	17.6	56.7	19.1	69.0	25.1	381.0
1988	1	4	19.0	13.5	14.9	21.6	4.6	5.6	25.3	2.0	32.6	35.5	18.7	37.0	79.0	14.6	29.6	46.2	84.4	26.6	47.7	30.6	484.5
1988	1	5	75.7	14.7	20.9	65.0	4.4	5.3	36.8	2.0	55.3	29.7	16.4	29.7	75.1	9.8	17.6	30.4	161.6	70.1	90.2	20.7	608.6
1988	1	6	176.3	38.1	68.7	110.3	6.4	7.8	50.5	2.0	112.8	66.3	32.5	84.8	186.2	42.0	84.3	134.8	136.8	45.4	51.5	60.1	1039.5
1988	2	1	153.1	24.8	31.6	48.3	6.2	7.5	74.3	2.0	67.1	39.8	22.9	37.6	89.6	17.5	33.7	56.4	121.7	40.9	64.6	44.3	638.1
1988	2	2	49.0	11.8	18.6	35.6	2.4	2.9	31.4	2.0	40.6	18.7	10.4	18.4	47.0	8.0	15.0	26.9	69.5	25.1	40.0	24.2	345.8
1988	2	3	33.9	10.9	15.2	20.3	1.7	2.1	22.3	2.0	26.9	10.7	6.1	9.6	26.7	8.0	14.0	25.4	49.2	18.3	44.9	12.2	254.0
1988	2	4	30.8	11.2	13.1	17.4	1.5	1.8	24.3	2.0	22.2	21.8	10.2	40.7	77.3	15.4	26.6	45.1	46.3	15.8	29.2	17.4	370.0
1988	2	5	36.7	18.9	22.0	29.6	1.1	1.3	36.8	2.0	35.0	31.3	14.4	47.2	100.3	19.1	35.8	66.3	50.1	20.7	68.0	15.4	505.6
1988	2	6	46.5	15.5	18.3	27.6	5.0	6.0	32.7	2.0	40.6	35.1	19.3	34.5	79.8	12.8	24.3	42.0	38.3	12.3	27.1	8.2	376.3
1988	3	1	66.1	12.6	25.1	78.0	12.9	15.7	44.6	2.0	86.6	68.0	39.5	59.4	129.8	9.9	18.2	32.4	109.4	31.6	112.4	62.9	762.1
1988	3	2	87.2	12.3	33.4	123.5	17.2	21.1	61.0	2.0	123.1	81.9	48.6	70.5	168.8	55.6	110.8	194.1	248.8	89.5	269.1	168.1	1630.9
1988	3	3	57.4	11.2	36.7	107.6	7.8	9.8	48.6	2.0	100.5	45.7	26.3	47.7	123.6	28.7	55.9	97.2	86.6	38.3	91.6	55.6	799.7
1988	3	4	70.9	18.4	39.4	83.4	5.9	7.3	70.5	2.0	90.5	35.1	20.0	33.6	92.2	15.8	29.1	54.8	140.3	62.1	229.5	60.4	865.4
1988	3	5	59.1	18.8	31.0	50.7	6.0	7.3	59.0	2.0	69.0	30.3	17.8	25.9	75.5	16.5	28.2	56.9	116.5	58.3	166.7	63.5	727.1
1988	3	6	44.4	11.4	19.3	31.3	4.8	5.9	46.3	2.0	45.6	19.3	12.1	13.5	41.0	9.6	16.2	32.6	57.9	26.1	72.3	31.2	379.4
1988	4	1	34.2	6.6	9.8	16.0	1.9	2.4	33.9	2.0	22.5	10.1	6.1	8.6	25.6	13.1	23.0	41.6	72.4	30.1	58.5	26.1	339.7
1988	4	2	33.0	8.2	12.6	21.7	3.6	4.4	37.7	2.0	29.3	19.7	11.0	19.7	49.1	14.6	24.4	51.4	87.4	42.6	165.8	60.1	577.1
1988	4	3	36.8	21.4	27.2	35.9	2.8	3.3	40.9	2.0	44.4	23.6	12.7	30.6	74.5	14.8	24.1	46.0	65.8	29.8	76.2	19.0	463.5
1988	4	4	64.4	22.4	25.2	26.7	2.1	2.5	41.4	2.0	37.9	23.6	11.7	30.3	70.4	10.1	16.0	35.2	72.1	38.7	126.8	24.5	499.3
1988	4	5	41.4	12.2	14.4	17.3	1.3	1.5	32.2	2.0	24.8	16.8	8.4	19.5	49.9	8.3	14.3	29.2	72.2	38.3	129.0	21.5	434.2
1988	4	6	80.9	18.9	22.5	31.3	2.2	2.7	34.3	2.0	39.2	26.6	13.2	37.4	81.9	6.9	10.2	21.8	54.7	25.7	84.1	21.4	425.1
1988	5	1	53.1	9.6	12.3	20.2	1.0	1.2	35.8	2.0	23.3	17.4	8.1	23.5	69.5	18.3	29.1	54.4	66.5	30.0	103.5	25.4	471.0
1988	5	2	72.4	29.2	26.0	23.6	1.1	1.3	42.1	2.0	28.3	14.2	6.7	21.1	53.5	9.0	13.0	26.1	39.2	15.1	56.8	10.6	295.6
1988	5	3	71.0	66.8	55.5	37.2	3.5	4.2	84.6	2.0	64.0	87.9	38.3	136.3	296.8	75.1	127.6	208.9	72.4	21.0	64.6	19.4	1214.3
1988	5	4	44.6	31.9	31.0	22.6	1.0	1.2	35.0	2.0	38.8	33.0	16.3	46.9	126.5	64.6	113.5	199.2	175.9	72.8	167.1	78.6	1135.2
1988	5	5	21.7	13.3	15.2	13.2	0.9	1.1	19.5	2.0	19.8	13.7	6.4	19.2	54.4	20.8	34.4	60.9	51.1	20.9	48.3	22.5	374.4
1988	5	6	13.7	6.7	9.6	16.6	1.2	1.5	14.4	2.0	14.4	9.1	4.7	10.9	32.0	9.9	16.0	29.2	27.1	11.2	27.8	9.2	203.5
1988	6	1	10.7	6.5	7.5	8.6	1.3	1.2	22.7	2.0	12.5	9.8	4.5	12.7	29.1	8.1	13.5	24.1	31.0	10.5	21.7	6.4	185.9
1988	6	2	11.5	15.1	16.4	16.0	1.4	1.0	23.3	2.0	17.3	19.2	6.2	23.4	51.3	13.7	25.9	42.9	24.6	8.0	17.7	6.2	258.4
1988	6	3	9.6	15.2	12.9	7.5	0.8	1.0	21.0	2.0	11.0	16.1	5.7	23.2	50.1	15.9	29.9	49.3	19.4	6.9	16.9	6.1	252.5
1988	6	4	8.6	6.6	6.5	5.6	0.8	1.0	12.9	2.0	9.1	7.7	3.4	10.7	24.7	6.5	11.1	19.5	15.6	6.8	16.4	6.0	139.5
1988	6	5	28.0	7.2	6.0	5.3	0.8	1.0	11.2	2.0	8.6	6.4	2.9	11.0	22.1	5.7	9.8	17.4	24.6	10.8	24.5	6.0	151.8
1988	6	6	8.7	4.4	4.7	5.2	1.0	1.0	14.0	2.0	8.6	5.4	2.9	6.8	17.0	5.6	9.4	17.0	15.3	6.7	18.9	12.8	128.4
1988	7	1	9.8	4.9	5.1	5.7	1.1	1.6	18.8	2.0	10.9	6.7	3.8	7.2	17.1	5.5	9.4	16.9	15.8	6.7	16.1	8.7	126.8
1988	7	2	32.1	5.2	5.8	9.2	1.8	1.9	18.4	2.0	11.5	8.5	4.4	7.2	15.9	6.5	11.3	19.9	15.1	6.6	16.0	8.1	133.0
1988	7	3	15.2	3.4	4.6	6.2	1.1	1.1	17.9	2.0	9.3	6.0	3.1	5.0	13.3	5.5	9.4	17.3	15.0	6.6	22.3	5.9	120.7
1988	7	4	7.7	3.3	4.1	5.1	0.8	1.0	11.5	2.0	8.4	4.7	2.8	4.2	12.8	5.4	9.2	16.6	14.9	6.6	21.0	5.8	114.4
1988	7	5	7.2	3.3	4.0	5.1	0.8	1.0	9.5	2.0	8.3	4.7	2.8	4.1	12.7	5.9	9.8	18.3	24.5	13.1	24.0	9.8	140.0
1988	7	6	7.7	3.7	4.4	5.5	0.8	1.1	17.9	2.0	9.7	4.7	2.9	4.6	13.1	5.3	9.0	16.4	18.4	8.5	22.2	6.9	123.7
1988	8	1	9.3	3.3	6.4	7.6	7.1	3.4	19.3	2.0	9.6	23.0	9.5	12.9	25.6	5.3	9.1	16.2	21.1	9.6	17.4	5.7	167.0
1988	8	2	13.9	3.3	5.5	11.2	2.3	1.2	17.4	2.0	10.5	14.7	5.3	11.2	29.2	13.3	23.7	39.9	16.0	6.4	16.0	20.4	208.6
1988	8	3	8.0	3.2	3.9	5.9	1.5	0.9	15.5	2.0	8.1	9.5	3.1	6.1	24.0	28.2	51.2	79.5	24.6	6.4	18.7	10.5	271.9
1988	8	4	105.4	34.3	59.9	42.9	2.3	4.4	41.3	2.0	58.0	15.4	10.1	19.0	44.3	13.9	23.0	41.1	47.2	12.8	35.8	9.4	332.0
1988	8	5	74.2	21.8	54.3	95.5	7.2	7.7	52.8	2.0	89.0	30.9	16.2	20.0	61.3	7.6	12.1	22.5	60.5	19.1	51.0	9.0	401.2
1988	8	6	64.7	11.9	27.1	42.6	6.5	4.0	24.3	2.0	43.3	25.4	10.8	13.0	42.5	5.3	8.9	16.5	34.3	10.3	38.8	18.6	269.7
1988	9	1	62.1	14.8	37.2	46.0	5.6	4.3	25.2	2.0	47.1	17.1	8.1	6.0	30.4	7.4	12.9	23.6	43.7	13.6	42.4	11.4	265.7
1988	9	2	73.7	35.5	37.8	27.6	3.4	5.1	89.8	2.0	50.0	14.3	9.9	10.9	34.0	5.2	8.7	15.8	43.1	15.2	48.3	35.7	293.1
1988	9	3	136.6	38.9	44.4	52.0	2.2	6.6	61.8	2.0	79.6	8.9	9.7	8.1	30.0	5.7	9.9	17.6	23.2	7.6	27.0	11.4	240.7
1988	9	4	87.4	21.9	48.6	40.7	1.6	4.5	50.3	2.0	54.7	7.1	6.8	5.6	27.7	7.0	10.8	18.9	19.3	6.8	18.7	6.3	191.7
1988	9	5	61.4	15.4	40.0	41.2	1.8	3.3	43.9	2.0	46.0	7.2	5.6	5.0	24.5	8.6	15.0	26.2	26.1	7.6	16.9	5.5	196.2
1988	9	6	38.7	17.1	27.1	38.0	3.2	6.3	44.6	2.0	53.0	12.9	11.1	12.1	42.3	12.2	21.0	36.7	83.7	28.5	26.4	22.7	364.6
1988	10	1	27.9	17.2	21.1	29.2	4.3	5.2	39.1	2.0	41.6	26.0	15.0	27.9	65.0	14.6	26.9	44.4	39.9	10.1	15.4	49.1	377.9
1988	10	2	16.4	8.0	10.7	13.8	1.6	2.1	29.7	2.0	20.0	9.6	5.9	8.8	28.8	6.5	11.7	19.4	28.0	7.5	23.2	33.8	205.2
1988	10	3	12.4	5.7	7.7	9.4	1.0	1.3	19.8	2.0	14.0	5.8	3.8	5.1	17.5	5.0	8.5	15.3	29.1	8.9	35.5	16.3	166.8
1988	10	4	9.1	4.1	5.6	7.3	0.8	1.0	14.9	2.0	10.3	4.6	2.9	4.1	14.5	5.5	9.5	17.0	18.7	6.2	19.1	31.1	145.5
1988	10	5	7.5	3.3	4.7	6.2	0.8	1.0	15.1	2.0	8.7	4.6	2.8	4.0	12.9	5.7	9.8	17.4	16.3	6.2	15.0	15.5	120.9
1988	10	6	13.2	4.8	6.7	11.9	0.8	1.0	12.5	2.0	11.6	7.7	3.6	13.4	30.8	4.9	8.3	15.0	14.3	6.1	16.9	7.5	142.1
1988	11	1	17.7	6.9	6.4	10.8	1.0	0.9	13.4	2.0	9.6	5.1	2.7	8.7	24.2	4.9	8.2	14.9	14.6	6.6	20.3	29.5	151.3
1988	11	2	26.7	7.7	6.7	11.2	1.4	1.3	23.8	2.0	13.1	5.3	3.1	4.8	19.0	7.8	14.1	26.5	18.7	9.5	35.7	12.5	172.1
1988	11	3	35.0	9.6	4.3	7.1	1.2	1.0	18.9	2.0	10.6	5.3	2.8	4.0	17.0	8.0	12.9	25.6	25.5	14.8	58.9	7.3	194.7

I-3 SIMULATED 5-DAY DISCHARGE BY SUB-BASIN OF KUANTAN-INDRAGIRI RIVER BASIN (8/11)

Indragiri River Basin

Year	Month	5-Day	I-01	I-02	I-03	I-04	I-05	I-06	I-07 with Singkarak Power Station	I-08	I-09	I-10	I-11	I-12	I-13	I-14	I-15	I-16	I-17	I-18	I-19	Total
1988	11	4	35.6	8.6	6.8	16.5	1.2	2.3	22.5	2.0	20.4	16.4	9.5	27.2	50.4	5.4	8.9	16.9	71.3	40.3	150.1	69.3	488.1
1988	11	5	112.7	17.9	6.9	20.1	5.1	5.6	95.3	2.0	36.6	20.2	11.7	12.7	34.2	4.8	8.0	14.6	39.3	21.8	75.2	36.8	317.9
1988	11	6	108.0	20.7	7.8	12.0	2.7	3.1	51.1	2.0	28.1	11.9	6.8	10.2	29.8	6.2	9.2	16.9	23.3	11.7	57.0	22.9	236.0
1988	12	1	56.7	13.4	8.5	21.5	1.4	1.6	39.3	2.0	27.8	9.5	5.1	7.9	29.3	11.2	18.3	32.6	25.7	12.3	55.7	47.4	284.8
1988	12	2	36.0	10.9	17.0	30.8	0.8	1.0	23.4	2.0	28.7	10.4	4.3	18.0	52.9	19.0	32.7	62.0	59.8	34.5	170.0	65.3	559.6
1988	12	3	25.7	7.7	13.4	19.5	0.9	1.2	27.6	2.0	18.5	8.0	4.4	12.1	45.1	51.8	91.2	156.4	45.1	24.8	86.4	33.0	578.8
1988	12	4	23.2	6.8	13.8	18.8	0.7	1.0	30.8	2.0	18.8	10.4	5.1	22.1	52.9	24.0	42.5	74.0	28.2	13.7	50.6	25.4	369.7
1988	12	5	18.4	6.8	11.5	7.9	1.0	0.9	21.9	2.0	10.6	6.2	2.8	8.3	23.7	10.5	17.9	32.7	21.8	11.4	45.1	23.6	216.6
1988	12	6	15.3	4.6	8.9	6.2	0.7	0.9	22.7	2.0	8.5	10.1	4.0	22.0	47.0	12.4	18.8	35.4	18.5	9.0	48.3	15.3	251.3
1989	1	1	56.9	22.5	13.8	11.1	1.2	0.9	12.7	2.0	15.9	18.6	6.7	33.7	67.5	23.1	45.9	82.1	84.8	58.7	96.0	35.1	570.1
1989	1	2	38.5	20.0	13.2	13.1	0.9	0.9	13.5	2.0	18.1	13.6	4.4	17.6	50.2	40.6	77.9	128.3	87.2	61.3	74.8	36.5	612.5
1989	1	3	79.3	36.5	25.7	39.1	5.2	1.9	26.7	2.0	38.8	40.9	14.7	46.1	104.6	41.4	77.7	135.9	95.0	61.8	118.1	41.3	818.3
1989	1	4	297.1	122.7	93.9	116.2	2.4	3.8	71.6	2.0	150.4	70.2	32.5	118.6	258.9	70.5	138.1	238.8	214.8	95.5	248.4	91.8	1730.5
1989	1	5	214.8	50.6	53.4	46.2	2.8	2.7	52.5	2.0	66.1	47.7	23.6	59.2	132.6	47.1	89.3	151.3	81.4	47.3	95.7	43.7	887.0
1989	1	6	56.7	20.0	20.0	24.0	2.0	1.7	28.3	2.0	33.1	23.1	11.8	22.6	56.0	19.7	35.8	61.9	37.7	19.8	43.8	17.2	384.5
1989	2	1	33.0	10.3	16.8	31.6	1.0	0.9	16.9	2.0	29.5	17.1	8.2	23.0	55.7	10.2	17.7	31.2	22.8	11.8	26.6	10.3	266.1
1989	2	2	19.9	7.1	10.4	14.4	3.6	2.8	39.2	2.0	19.0	17.6	8.6	13.5	35.0	11.8	20.2	34.4	16.9	8.3	18.8	6.4	212.5
1989	2	3	15.7	5.5	7.6	9.8	13.8	12.1	46.5	2.0	20.1	34.3	19.1	12.0	32.7	11.4	19.5	32.2	13.9	6.2	15.2	6.0	224.6
1989	2	4	44.8	8.5	17.5	21.3	13.3	29.6	141.7	2.0	77.0	33.4	38.6	21.9	50.0	22.3	43.8	72.1	16.3	12.4	27.3	11.1	428.2
1989	2	5	48.3	14.5	36.2	52.8	6.5	12.7	87.6	2.0	77.1	50.1	34.1	72.2	138.6	11.0	20.6	38.4	21.6	6.1	43.0	8.6	523.4
1989	2	6	25.5	9.7	26.2	45.2	4.5	6.7	53.0	2.0	56.2	30.9	18.6	27.4	75.0	7.6	12.3	22.7	39.2	28.0	40.0	13.3	373.2
1989	3	1	17.1	5.5	13.9	20.9	2.9	4.4	44.3	2.0	31.8	21.5	13.0	20.1	53.5	7.2	11.8	22.0	107.4	58.1	122.2	40.4	511.0
1989	3	2	14.7	4.3	10.7	11.7	1.6	2.3	28.7	2.0	18.2	13.4	7.8	16.2	41.8	5.9	9.1	16.8	47.8	20.5	42.5	13.0	255.0
1989	3	3	14.3	3.6	7.7	9.4	7.6	3.1	19.7	2.0	14.4	31.1	11.6	18.0	50.4	17.2	30.6	47.8	19.6	8.1	19.7	6.2	276.7
1989	3	4	15.2	5.5	9.2	9.4	2.4	1.6	16.5	2.0	13.0	16.8	6.5	14.0	46.6	44.3	76.6	130.7	20.4	6.5	31.4	8.4	417.2
1989	3	5	31.3	4.5	11.6	11.3	11.0	3.4	15.9	2.0	12.0	43.1	14.2	25.7	71.2	33.5	60.0	107.9	94.7	40.2	141.9	36.3	682.7
1989	3	6	42.8	10.2	14.0	27.5	23.2	11.5	42.6	2.0	31.4	65.0	23.6	16.3	57.6	38.4	66.2	120.3	59.1	13.6	95.0	22.9	611.4
1989	4	1	57.3	12.5	17.0	37.0	5.8	4.3	29.2	2.0	37.4	35.5	16.2	32.7	82.1	19.5	29.8	61.6	78.8	19.5	140.2	32.9	588.2
1989	4	2	45.4	10.7	17.6	35.0	2.8	2.0	23.7	2.0	30.3	32.1	13.7	40.0	93.9	13.8	18.2	39.0	61.0	31.8	87.0	26.7	489.5
1989	4	3	35.8	7.1	9.2	19.0	1.6	1.2	54.2	2.0	18.5	16.7	7.2	17.5	49.7	15.0	23.9	43.6	43.8	37.4	72.4	27.2	374.9
1989	4	4	16.5	4.1	6.1	9.4	1.0	0.9	20.9	2.0	11.4	9.5	4.6	8.5	28.7	17.6	29.3	53.7	31.9	16.0	39.5	11.4	264.1
1989	4	5	12.0	3.3	4.9	6.8	0.8	0.9	13.2	2.0	8.6	6.7	3.1	6.0	20.2	7.8	12.2	24.9	26.4	9.4	46.2	10.7	184.2
1989	4	6	10.7	3.3	6.4	5.3	0.8	0.9	10.9	2.0	8.3	5.1	2.8	4.7	18.4	12.7	18.6	35.7	33.7	11.5	56.6	12.8	222.9
1989	5	1	9.9	3.3	9.5	7.3	0.8	0.9	9.7	2.0	8.6	5.5	2.9	6.8	23.7	38.3	72.1	121.8	39.6	18.2	70.1	21.1	430.7
1989	5	2	8.7	5.0	7.0	13.7	0.8	1.3	14.2	2.0	15.3	14.1	8.4	38.7	81.3	39.5	75.5	124.2	24.9	12.7	36.6	10.5	483.7
1989	5	3	27.4	11.4	9.3	21.6	0.9	3.0	35.2	2.0	31.4	40.8	22.4	78.5	157.4	22.1	37.4	69.7	29.4	13.0	90.1	26.0	620.2
1989	5	4	14.5	11.2	10.4	11.4	0.7	1.5	58.3	2.0	22.1	11.9	8.6	19.9	51.3	20.2	36.7	66.8	18.2	9.8	48.8	10.7	327.0
1989	5	5	8.4	6.0	5.3	6.0	0.7	0.9	26.1	2.0	9.4	5.7	3.5	10.0	30.7	14.8	26.4	49.2	19.9	6.9	44.9	12.4	235.8
1989	5	6	9.2	3.5	7.3	5.2	0.7	0.9	13.8	2.0	8.1	7.9	3.8	16.3	33.6	8.6	14.2	28.5	18.9	8.3	62.3	15.6	228.1
1989	6	1	7.7	3.2	4.1	5.2	0.7	0.8	10.1	2.0	8.0	4.8	2.7	6.4	18.8	6.6	10.8	22.1	25.5	10.8	65.9	14.6	199.0
1989	6	2	7.7	3.2	4.1	5.1	0.7	0.8	11.1	2.0	7.9	5.0	2.7	6.5	17.9	19.3	38.9	63.6	15.2	6.1	27.0	6.6	218.7
1989	6	3	7.6	3.2	4.0	5.1	0.7	0.8	18.8	2.0	7.9	4.7	2.7	4.3	13.1	5.5	9.3	18.0	13.5	8.9	19.2	6.1	115.2
1989	6	4	7.5	3.1	4.0	5.0	0.7	0.8	26.3	2.0	7.8	6.2	2.9	6.3	17.7	7.5	10.6	18.4	16.1	5.9	25.0	8.0	134.4
1989	6	5	7.5	3.1	4.0	5.0	0.7	0.8	56.2	2.0	7.7	6.7	3.2	10.6	23.2	4.9	8.1	14.9	19.3	11.5	54.0	14.1	180.2
1989	6	6	14.7	7.8	5.4	6.5	0.7	1.7	68.7	2.0	15.6	4.7	4.0	11.4	21.3	5.6	9.6	17.2	14.5	5.9	31.5	6.9	150.2
1989	7	1	11.4	6.2	3.9	7.0	0.7	1.2	53.5	2.0	15.1	4.6	2.7	4.6	13.1	9.3	18.1	31.8	42.5	16.3	62.1	15.0	237.2
1989	7	2	10.6	3.3	3.9	5.2	1.0	1.1	47.7	2.0	10.0	4.7	2.6	4.2	12.6	5.7	12.4	22.6	43.7	14.7	40.3	7.3	182.8
1989	7	3	7.3	3.0	3.9	4.9	0.7	0.8	26.6	2.0	7.6	4.9	2.6	5.9	14.5	5.4	9.3	17.4	40.1	14.1	53.3	12.0	189.1
1989	7	4	7.3	3.0	3.8	4.8	0.6	0.8	15.7	2.0	7.5	4.5	2.6	4.1	12.5	4.8	7.9	14.6	40.1	15.2	32.2	6.0	154.0
1989	7	5	7.2	3.0	3.8	4.8	0.6	0.8	12.8	2.0	7.4	4.4	2.5	4.1	12.4	4.7	7.9	14.5	22.1	7.0	18.5	5.7	113.2
1989	7	6	7.1	7.4	3.8	4.9	0.6	0.7	10.2	2.0	7.5	4.4	2.5	4.0	12.3	4.7	7.8	14.4	15.1	5.8	15.0	5.6	101.1
1989	8	1	7.1	8.8	3.7	4.7	0.6	0.7	11.6	2.0	7.3	4.4	2.5	4.0	12.2	4.6	7.7	14.2	13.9	9.0	20.2	6.8	108.8
1989	8	2	7.5	3.3	6.5	4.7	0.6	0.7	9.9	2.0	7.3	4.7	2.5	5.9	15.8	4.6	7.6	14.1	16.0	5.7	37.9	8.9	133.0
1989	8	3	7.0	3.3	4.6	4.6	0.7	1.9	16.1	2.0	7.7	4.3	2.9	3.9	12.0	4.6	8.1	15.7	52.9	14.8	162.5	34.4	325.8
1989	8	4	6.9	2.9	3.7	4.6	0.6	0.7	11.9	2.0	7.2	4.2	2.4	3.9	11.9	5.6	10.1	17.3	70.2	15.3	65.4	18.1	233.6
1989	8	5	31.5	23.4	25.9	62.6	0.6	0.7	17.3	2.0	43.1	4.6	2.4	5.6	16.7	13.6	24.9	39.6	55.2	5.6	95.1	19.3	327.7
1989	8	6	48.9	12.2	10.4	15.2	0.6	0.9	19.4	2.0	19.7	5.4	3.0	10.7	30.5	17.4	28.2	51.3	48.7	16.7	68.9	12.5	315.0
1989	9	1	27.0	7.0	9.4	16.5	0.6	1.2	21.2	2.0	20.4	4.9	3.7	13.7	37.8	12.6	19.0	34.9	43.4	18.7	50.9	10.5	272.5
1989	9	2	29.5	6.1	4.4	6.3	0.6	1.1	14.7	2.0	8.6	4.1	2.6	4.9	15.4	8.4	13.0	24.1	30.0	6.1	38.5	8.4	166.1
1989	9	3	35.6	13.2	6.5	20.2	0.6	0.7	27.5	2.0	15.6	5.6	2.6	7.9	24.9	33.6	54.7	99.1	70.4	71.8	126.2	46.5	560.9
1989	9	4	29.0	14.0	8.3	25.2	0.6	0.7	41.2	2.0	26.8	7.3	3.4	15.0	40.7	11.0	17.4	31.4	54.8	33.7	53.1	16.8	313.4
1989	9	5	72.7	24.6	14.6	28.4	3.2	8.2	51.0	2.0	54.1	7.4	8.9	9.1	28.9	5.8	9.4	18.6	94.4	24.6	235.6	54.7	553.5
1989	9	6	97.4	17.5	37.2	27.9	5.2	8.2	71.1	2.0	46.6	30.0	20.5	39.7	78.9	5.0	7.5	16.4	82.2	15.9	146.4	42.9	534.0
1989	10	1	69.7	10.5	14.9	11.3	2.4	2.8	44.2	2.0	20.3	12.1	6.7	8.6	28.9	14.7	27.6	49.7	168.4	72.8	220.8	77.2	709.8
1989	10	2	105.0	11.6	14.7	18.0	1.7	1.5	31.6	2.0	22.5	11.2	5.1	9.6	35.4	20.2	35.4	71.4	128.9	43.6	192.7	61.8	639.8
1989	10	3	71.4	10.7	12.8	41.1	2.4	9.5	44.3	2.0	53.8	7.3	8.4	5.6	31.9	17.4	22.1	45.7	65.3	19.9	91.8	30.2	401.4
1989	10	4	136.8	60.6	37.4	69.2	4.5	6.9	83.5	2.0	91.4	12.1	11.6	8.0	44.8	14.8	18.6	41.1	57.8	11.4	129.9	32.6	476.1
1989	10	5	80.2	45.2	31.7	35.2	3.2	6.2	99.6	2.0	71.4	13.9	11.9	12.7	54.2	19.3	26.2	52.0	44.9	8.7	66.8	16.0	400.0
1989	10	6	51.3	17.4	16.6	17.3	1.5	2.6	45.4	2.0	32.4	8.5	6.1	7.6	32.2	7.9	9.6	20.3	47.9	62.5	62.4	26.7	326.1
1989	11	1	34.2	15.9	11.5	19.9	1.1	1.4	35.3	2.0	27.3	6.1	3.7	5.0	21.6	20.5	36.7	66.7	80.5	50.5	129.3	44.0	493.9
1989	11	2	68.9	12.3	20.3	48.4	1.0	1.4	36.8	2.0	41.4	31.5	12.0	58.8	129.2	22.3	38.8	71.0	127.3	158.3	210.8	116.3	1019.7
1989	11	3	138.4	37.0	45.1	86.1	1.4	4.0	45.9	2.0	91.2	59.3	31.7	98.1	234.2	62.2	110.1	195.8	156.7	60.3	257.9	79.7	1439.2
1989	11	4	71.5	33.1	40.3	52.4	1.1	5.0	45.5	2.0	73.0	39.1	24.6	58.0	142.1	41.3	69.9	127.7	124.2	59.9	169.0	66.5	997.3
1989	11	5	86.8	31.0	39.0	49.3	0.8	3.0	97.1	2.0	67.5	31.2	19.3	48.1	142.4	76.0	126.7	220.7	91.0	45.3	156.4	56.4	1083.0
1989	11	6	63.0	24.4	36.3	43.8	0.7	1.8	48.1	2.0	53.0	26.1	14.3	43.7	115.8	47.4	83.5	168.6	220.5	54.4	488.4	151.7	1469.4
1989	12	1	38.2	14.5	24.7	46.6	0.6	1.9	37.1	2.0	46.7	30.2	17.8	50.6	148.3	84.1	136.5	257.9	189.8	90.1	390.5	140.5	1584.4
1989	12	2	61.7	26.8	52.9	95.9	0.6	1.9	66.2	2.0	94.6	25.0	16.0	42.9	155.8	179.4	331.4	551.1	135.5	79.4	160.4	71.7	1845.2
1989	12	3	52.1	35.5	34.5	53.9	0.6	1.7	46.9	2.0	67.7	19.1	11.9	29.2	92.0	56.2	101.0	172.2	109.9	44.9	101.9	42.1	850.1
1989	12	4	24.4	14.7	15.7	22.7	0.6	0.9	23.1	2.0	29.4	9.7	5.8	15.8	51.5	38.9	70.6	124.2	78.5	32.3	92.7	32.7	584.1
1989	12	5	15.5	8.2	8.9	13.2	0.6	0.7	15.0	2.0	17.6	6.3	3.7	9.2	31.2	33.9	62.3	109.9	68.3	40.9	86.1	35.6	507.0
1989	12	6	26.0	34.5	24.6	32.2	2.2	7.6	49.0	2.0	59.6	16.7	14.9	29.8	83.4	50.2	83.5	156.5	124.2	46.4	239.9	64.8	971.9

I-3 SIMULATED 5-DAY DISCHARGE BY SUB-BASIN OF KUANTAN-INDRAGIRI RIVER BASIN (9/11)

Indragiri River Basin

Year	Month	5-Day	I-01	I-02	I-03	I-04	I-05	I-06	I-07 with Singkarak Power Station	I-08	I-09	I-10	I-11	I-12	I-13	I-14	I-15	I-16	I-17	I-18	I-19	Total
1990	1	1	32.2	28.9	23.2	34.4	0.7	2.1	28.8	2.0	48.7	13.2	9.1	20.1	60.0	32.1	54.6	102.5	86.4	39.9	153.9	60.6	683.1
1990	1	2	49.4	13.4	13.0	21.4	0.5	0.7	18.2	2.0	27.2	5.8	3.9	10.5	34.1	18.2	31.1	58.8	45.5	18.3	75.2	27.5	358.1
1990	1	3	66.5	14.3	13.5	20.2	0.5	0.7	32.2	2.0	22.0	6.1	3.5	12.5	36.8	12.9	21.7	43.5	50.4	17.1	98.9	28.5	355.9
1990	1	4	206.7	24.0	27.0	20.6	1.1	0.7	54.3	2.0	25.3	10.3	4.1	14.6	44.3	18.0	29.6	55.8	47.9	23.7	72.3	23.9	371.8
1990	1	5	164.1	20.5	20.1	20.4	0.5	0.8	46.3	2.0	25.3	10.9	5.2	21.0	57.2	24.4	41.4	76.6	39.3	25.4	91.2	33.1	453.0
1990	1	6	94.7	15.3	14.7	11.9	0.5	0.7	33.4	2.0	16.6	5.9	2.7	12.1	33.6	12.2	20.3	41.1	35.7	14.3	88.0	26.4	310.9
1990	2	1	50.1	9.1	9.8	15.1	0.5	0.7	17.6	2.0	14.5	4.3	2.5	6.8	22.4	8.1	12.9	26.0	30.5	23.0	92.1	28.2	273.3
1990	2	2	119.3	16.6	45.0	64.3	0.7	2.6	19.9	2.0	50.3	15.2	9.4	31.9	97.1	9.6	11.3	24.5	64.5	50.0	151.7	55.5	573.0
1990	2	3	63.0	8.8	36.8	59.2	1.0	3.7	19.3	2.0	55.5	29.8	17.4	59.1	134.3	8.3	12.0	23.6	38.9	29.7	88.5	33.5	532.6
1990	2	4	81.9	18.4	31.5	39.4	1.9	2.8	19.1	2.0	46.0	18.3	10.0	19.6	56.8	8.9	14.8	28.3	30.3	11.7	65.1	17.2	329.0
1990	2	5	52.6	23.5	29.3	41.8	0.9	2.4	21.9	2.0	50.9	35.9	18.8	63.4	127.0	15.7	30.2	52.4	27.5	11.6	55.0	12.7	503.1
1990	2	6	35.4	18.0	21.3	31.8	0.9	3.2	47.8	2.0	45.0	20.7	13.0	24.8	79.8	18.5	22.4	41.0	20.2	18.9	43.4	14.1	363.8
1990	3	1	25.9	15.2	12.0	17.5	0.5	2.3	40.4	2.0	29.4	11.2	7.8	15.1	47.5	33.1	61.3	98.5	16.8	7.6	29.2	9.0	368.5
1990	3	2	17.8	12.6	9.6	23.7	0.5	1.1	23.7	2.0	29.9	9.1	5.4	14.8	50.4	29.5	49.5	96.9	85.6	15.3	220.0	53.1	661.5
1990	3	3	17.3	14.2	7.3	17.9	0.7	4.3	36.2	2.0	37.2	6.1	7.2	11.4	41.1	22.8	38.3	75.3	48.9	22.4	143.4	48.5	504.6
1990	3	4	20.2	10.3	21.3	35.0	1.5	4.5	41.6	2.0	48.0	16.9	12.8	26.4	61.2	9.8	15.6	34.6	36.9	23.3	134.5	44.2	466.2
1990	3	5	25.9	10.8	17.8	25.4	1.7	5.3	43.7	2.0	40.8	14.2	12.1	20.9	56.6	18.6	34.0	57.6	21.0	10.2	65.1	22.1	375.2
1990	3	6	50.3	10.6	16.6	48.2	3.6	6.0	56.2	2.0	52.9	28.1	17.7	33.8	94.3	12.7	15.6	29.5	15.4	13.4	36.4	13.5	365.3
1990	4	1	61.7	31.1	11.5	26.4	1.2	3.4	46.7	2.0	46.5	13.6	10.2	17.7	54.5	19.1	29.4	49.7	14.4	6.9	24.7	7.8	296.5
1990	4	2	26.1	24.2	10.3	18.9	0.5	1.8	30.9	2.0	35.5	7.3	5.9	11.6	39.8	10.6	13.0	23.5	23.5	19.6	34.9	13.8	241.0
1990	4	3	44.7	26.9	12.9	13.0	0.9	3.3	46.5	2.0	35.6	7.4	7.4	11.7	43.1	42.5	76.7	144.8	171.2	92.6	311.5	111.2	1057.7
1990	4	4	24.2	14.6	6.8	8.8	0.5	1.4	27.8	2.0	18.3	5.8	4.3	7.1	24.4	13.7	20.5	41.9	40.5	23.1	71.5	27.0	300.1
1990	4	5	15.5	11.0	9.0	9.9	0.5	1.0	18.8	2.0	15.6	5.9	4.0	9.2	28.8	8.2	11.2	23.0	65.6	25.2	97.1	26.9	322.7
1990	4	6	19.0	6.7	6.9	6.4	0.6	1.7	18.3	2.0	13.5	4.4	3.4	5.7	22.3	9.6	12.7	24.7	61.6	84.7	98.1	49.0	391.7
1990	5	1	126.7	15.7	12.7	8.6	2.7	9.2	49.6	2.0	33.1	11.6	13.2	13.9	46.1	49.8	92.2	154.0	58.2	58.3	86.7	41.1	660.2
1990	5	2	76.0	22.4	30.1	20.2	3.1	4.8	55.4	2.0	39.1	9.3	7.8	6.5	35.4	41.7	71.8	128.7	62.2	43.6	168.6	50.8	667.5
1990	5	3	44.8	45.0	24.5	31.9	3.8	6.2	49.7	2.0	61.2	10.6	9.4	10.0	35.5	35.3	61.9	113.3	72.3	46.8	204.9	70.5	733.7
1990	5	4	43.8	25.2	28.4	18.5	1.1	2.2	30.3	2.0	34.3	15.8	9.4	26.4	69.0	34.0	59.6	107.9	52.9	72.9	114.3	60.2	658.7
1990	5	5	21.0	20.7	9.9	7.6	0.5	0.9	17.0	2.0	16.9	5.1	3.5	6.1	22.8	14.0	23.5	45.2	25.4	29.4	58.5	27.6	280.0
1990	5	6	14.0	16.4	5.9	5.6	0.5	0.7	12.8	2.0	11.9	4.2	2.5	4.4	15.4	9.2	15.5	29.3	18.5	14.1	35.2	14.2	176.4
1990	6	1	11.2	12.9	4.3	5.4	0.5	0.7	10.3	2.0	8.7	4.1	2.5	4.2	13.1	6.5	10.4	21.2	20.9	11.7	31.3	10.5	147.1
1990	6	2	9.5	9.6	6.4	15.6	0.5	0.7	9.7	2.0	12.2	4.6	2.4	6.2	16.9	5.1	8.3	16.7	24.1	39.8	33.9	15.7	187.9
1990	6	3	8.7	21.1	4.2	5.5	0.5	0.7	9.5	2.0	8.5	4.1	2.4	4.1	12.9	5.0	8.2	15.4	14.6	15.0	23.3	8.2	123.7
1990	6	4	9.7	11.5	9.1	12.7	0.9	0.7	19.3	2.0	14.5	4.0	2.4	4.1	12.8	5.0	8.1	15.3	14.1	10.7	23.1	8.6	124.7
1990	6	5	8.6	15.7	8.3	8.8	0.4	0.7	31.4	2.0	14.2	4.0	2.4	4.1	12.7	7.1	12.2	22.5	38.4	36.6	39.8	16.3	212.3
1990	6	6	8.5	6.6	4.1	5.3	0.4	0.7	28.2	2.0	8.4	4.0	2.4	4.0	12.6	4.9	8.0	15.1	21.5	12.8	45.5	11.0	152.2
1990	7	1	12.8	8.6	4.9	5.8	0.4	0.6	13.4	2.0	8.2	6.8	2.9	11.3	22.4	4.9	7.9	15.0	15.7	8.4	25.6	7.1	138.2
1990	7	2	12.3	10.9	4.2	6.6	0.4	0.6	14.6	2.0	10.8	4.1	2.3	6.1	17.3	15.2	27.6	51.1	30.5	17.7	52.7	15.6	253.0
1990	7	3	28.8	19.6	17.5	19.2	0.4	0.6	23.7	2.0	20.2	4.2	2.3	5.9	18.6	10.1	18.2	36.7	77.3	32.8	99.5	20.5	348.3
1990	7	4	22.9	12.2	12.8	13.6	1.1	2.3	32.2	2.0	21.4	4.0	3.6	4.0	13.7	6.5	11.2	25.4	52.9	25.0	93.8	29.3	292.8
1990	7	5	14.1	12.7	7.2	12.7	0.8	1.7	30.8	2.0	17.6	3.9	3.0	4.0	16.9	17.6	27.3	46.7	44.6	13.3	86.7	20.0	303.6
1990	7	6	16.5	5.8	5.6	7.4	1.0	1.0	40.5	2.0	11.1	6.2	3.2	6.4	18.5	35.9	68.4	115.6	44.3	9.9	56.2	11.4	389.1
1990	8	1	11.7	4.1	4.1	5.2	0.4	0.6	25.0	2.0	8.3	3.8	2.3	3.9	12.4	9.5	16.8	35.1	29.3	7.5	45.0	7.9	183.8
1990	8	2	8.8	3.6	4.0	5.1	0.4	0.6	14.9	2.0	8.0	3.8	2.3	3.9	12.2	5.5	9.0	18.8	19.2	8.1	27.7	6.9	127.4
1990	8	3	8.2	4.5	3.9	5.0	0.4	0.7	12.4	2.0	7.9	3.8	2.2	3.8	12.1	4.8	7.7	14.8	16.4	6.5	23.7	6.9	112.6
1990	8	4	8.2	3.7	3.9	5.0	0.4	0.6	11.6	2.0	7.9	3.7	2.2	3.8	12.0	4.7	7.7	14.6	13.7	6.4	18.9	6.8	104.4
1990	8	5	8.1	4.4	3.9	4.9	0.7	0.6	9.5	2.0	7.8	3.7	2.2	3.8	11.9	4.7	7.6	14.5	13.6	6.4	18.0	6.8	103.0
1990	8	6	8.0	15.8	3.8	4.9	0.4	0.6	8.9	2.0	7.9	3.7	2.2	3.7	11.8	45.5	91.3	157.5	38.4	8.2	67.1	15.5	454.8
1990	9	1	20.5	7.1	21.3	5.2	0.4	0.6	10.4	2.0	7.7	6.7	3.1	13.5	36.4	41.9	73.7	135.0	63.0	13.2	123.5	30.9	550.6
1990	9	2	13.8	13.9	10.4	6.1	0.4	0.6	10.0	2.0	8.2	3.9	2.1	7.3	20.9	24.3	43.7	81.0	63.5	46.1	115.8	38.2	457.0
1990	9	3	47.7	25.1	17.5	4.8	0.4	0.5	16.0	2.0	8.6	3.6	2.1	4.0	12.9	12.1	21.6	40.6	31.9	39.5	56.7	24.5	260.1
1990	9	4	23.3	20.8	6.6	8.0	0.6	1.7	24.3	2.0	15.4	9.1	5.8	15.7	28.7	7.8	14.1	28.3	24.6	14.8	56.6	14.5	237.4
1990	9	5	48.0	16.5	7.2	5.4	1.6	3.2	38.6	2.0	14.7	12.7	8.5	14.5	27.8	6.4	11.1	21.1	18.5	9.2	34.1	9.4	190.0
1990	9	6	22.5	12.2	4.6	4.7	0.4	0.7	21.9	2.0	7.7	4.8	2.9	6.6	13.5	5.8	10.7	20.0	20.0	7.3	26.3	7.1	134.7
1990	10	1	15.8	13.4	3.9	4.7	0.4	0.5	20.4	2.0	7.5	15.0	6.4	30.0	48.3	4.7	8.4	16.8	23.2	6.3	43.1	11.3	223.0
1990	10	2	34.9	29.2	7.4	18.0	0.8	1.8	19.9	2.0	24.3	18.9	8.6	33.5	62.4	4.6	7.5	14.8	17.9	6.2	28.5	6.6	235.8
1990	10	3	128.3	19.1	8.6	20.3	0.5	1.7	33.5	2.0	28.7	20.5	11.2	36.1	72.1	7.3	11.8	26.0	53.6	9.1	129.6	26.2	434.2
1990	10	4	109.2	32.8	8.2	28.4	0.6	0.5	36.9	2.0	37.9	24.2	11.1	31.5	73.3	14.9	26.3	45.4	28.4	7.6	42.3	7.8	352.7
1990	10	5	62.6	25.4	20.9	28.7	1.1	4.2	41.5	2.0	47.5	27.5	17.4	40.6	98.5	22.4	33.3	67.6	69.4	19.7	195.2	43.2	684.3
1990	10	6	77.4	15.2	25.6	29.8	1.6	3.7	47.0	2.0	40.2	28.4	16.7	41.1	91.5	12.1	17.9	46.0	141.4	111.1	228.9	101.2	878.5
1990	11	1	69.2	17.7	19.6	21.7	4.6	3.4	34.1	2.0	29.3	33.5	15.7	30.7	75.9	11.2	15.7	38.5	83.9	45.8	170.6	52.4	605.2
1990	11	2	63.6	43.9	19.5	14.3	3.1	1.8	41.5	2.0	28.3	26.5	11.4	25.8	61.1	10.0	15.5	40.7	83.6	63.4	155.3	66.7	590.3
1990	11	3	39.4	36.2	9.5	8.1	1.0	0.9	27.2	2.0	19.9	14.0	5.8	15.3	35.8	5.8	9.0	22.3	77.5	46.6	118.2	46.1	418.3
1990	11	4	26.0	20.4	6.7	9.0	1.2	2.9	36.5	2.0	22.6	9.2	5.5	10.0	26.1	7.3	11.7	26.6	67.1	36.8	104.1	37.3	366.3
1990	11	5	87.2	16.6	19.5	29.6	4.7	7.1	73.2	2.0	47.4	34.5	20.1	44.3	87.0	6.5	9.0	23.8	129.8	60.9	134.6	42.5	642.4
1990	11	6	141.6	24.1	49.6	79.3	7.5	10.2	76.5	2.0	86.3	49.6	28.8	53.0	116.5	9.4	14.6	32.8	84.4	36.4	102.0	31.4	647.2
1990	12	1	70.3	22.2	40.9	67.0	7.3	11.9	80.9	2.0	90.0	45.3	28.8	47.5	124.4	46.5	83.4	154.4	122.1	48.3	204.9	59.9	1057.5
1990	12	2	49.7	12.1	27.9	25.9	3.6	5.2	37.6	2.0	37.8	20.3	12.8	17.4	52.4	26.8	45.8	92.8	110.7	39.0	199.3	63.7	720.8
1990	12	3	90.1	7.8	36.9	56.1	2.4	3.8	47.2	2.0	50.3	21.6	13.0	27.4	75.7	44.3	80.0	145.1	92.3	66.4	185.1	75.8	879.0
1990	12	4	176.3	6.9	52.6	50.6	3.4	5.2	42.8	2.0	49.2	32.6	18.4	41.2	113.1	76.6	139.0	230.2	79.1	65.5	95.4	49.0	991.3
1990	12	5	81.3	12.1	32.6	24.0	3.2	7.5	53.2	2.0	40.3	17.9	13.9	17.5	75.1	108.9	186.2	307.6	61.5	47.4	68.9	32.7	979.9
1990	12	6	53.8	8.3	17.0	14.9	1.3	4.3	34.6	2.0	27.7	8.9	7.5	8.6	36.4	39.7	71.2	124.8	49.8	47.3	73.7	31.7	529.3
1991	1	1	53.8	6.9	29.9	47.7	3.9	19.0	76.1	2.0	84.2	17.0	24.0	25.8	65.7	65.3	124.8	208.2	57.5	59.0	82.5	40.0	856.0
1991	1	2	54.3	6.7	29.9	39.3	2.8	8.0	43.6	2.0	53.6	18.0	16.4	23.6	66.9	36.5	67.5	115.7	47.7	31.9	70.1	26.5	576.4
1991	1	3	30.1	30.8	14.0	19.8	1.3	4.2	30.4	2.0	41.0	7.1	7.5	8.6	33.1	49.9	96.6	172.2	95.9	27.3	214.3	52.0	807.5
1991	1	4	79.1	27.2	51.2	88.8	3.5	7.6	39.4	2.0	89.2	31.1	21.0	49.7	140.9	75.7	132.9	227.6	111.7	51.1	135.7	55.7	1124.3
1991	1	5	48.0	31.1	33.2	64.9	2.0	4.1	31.6	2.0	76.8	19.3	12.1	19.2	69.1	34.7	60.5	106.9	55.7	28.7	78.0	29.6	592.6
1991	1	6	41.8	22.2	31.6	58.6	2.2	6.5	54.1	2.0	77.3	10.7	10.7	10.2	56.2	63.9	108.4	184.7	48.5	23.2	80.7	27.2	703.7
1991	2	1	28.1	19.5	19.6	35.5	1.7	6.6	52.2	2.0	59.6	6.6	8.6	6.5	35.9	28.8	48.9	85.6	27.9	14.3	47.6	13.7	386.0
1991	2	2	35.2	13.0	22.5	35.8	1.3	4.0	49.3	2.0	46.9	8.9	8.3	12.2	43.8	17.9	29.4	55.9	27.4	10.4	68.4	16.3	347.8
1991	2	3	36.9	7.5	18.8	23.0	0.8	2.0	90.0	2.0	32.0	6.4	6.1	10.4	44.7	23.6	40.2	67.7	38.7	52.8	43.3	21.4	389.3

I-3 SIMULATED 5-DAY DISCHARGE BY SUB-BASIN OF KUANTAN-INDRAGIRI RIVER BASIN (10/11)

Indragiri River Basin

Year	Month	5-Day	I-01	I-02	I-03	I-04	I-05	I-06	I-07 with Singkarak Power Station	I-08	I-09	I-10	I-11	I-12	I-13	I-14	I-15	I-16	I-17	I-18	I-19	Total
1991	2	4	20.8	5.7	10.7	13.2	0.5	1.4	49.6	2.0	19.1	5.0	4.1	5.8	27.0	21.4	36.5	61.6	22.6	26.3	30.4	10.4	272.2
1991	2	5	14.1	10.6	7.1	9.7	0.4	0.8	26.9	2.0	14.8	4.1	3.0	4.6	19.0	9.7	15.9	28.5	17.2	10.6	22.4	7.5	159.3
1991	2	6	11.9	17.0	5.5	7.2	0.8	4.6	35.7	2.0	20.5	3.9	4.9	4.0	15.9	40.0	79.2	126.9	14.4	7.7	19.2	7.3	345.9
1991	3	1	45.6	15.0	19.1	15.7	0.9	5.8	52.9	2.0	34.9	7.5	8.8	11.7	28.5	19.3	36.4	61.8	14.3	11.8	23.2	9.5	269.7
1991	3	2	32.0	12.4	18.2	23.8	0.4	1.3	31.2	2.0	28.4	5.0	4.2	9.1	28.2	8.7	14.5	25.5	27.3	48.0	21.9	14.5	237.3
1991	3	3	19.7	14.5	12.8	24.9	1.2	0.8	28.8	2.0	28.0	4.8	2.7	4.3	20.0	18.1	32.6	56.0	68.4	96.2	38.2	24.8	396.1
1991	3	4	25.7	9.9	12.8	15.7	3.3	10.1	75.9	2.0	39.6	6.1	10.4	4.8	19.1	13.9	24.4	42.4	77.6	59.5	29.6	13.2	342.6
1991	3	5	23.0	10.1	10.4	12.7	2.1	8.5	71.9	2.0	36.4	5.7	9.9	6.7	22.6	26.2	51.5	89.1	61.5	37.3	49.7	14.7	413.3
1991	3	6	122.5	14.1	64.8	79.6	4.5	25.2	155.4	2.0	136.2	29.4	43.2	65.0	167.6	88.4	164.4	277.7	113.0	45.6	105.5	25.7	1263.7
1991	4	1	129.8	39.0	58.6	54.0	3.9	25.8	125.6	2.0	129.6	29.0	38.4	46.9	124.5	92.8	177.8	300.5	96.4	90.1	122.1	48.4	1298.5
1991	4	2	96.1	30.3	48.9	54.0	2.0	11.9	97.4	2.0	91.9	21.2	24.6	40.4	106.0	50.2	88.6	160.1	99.0	55.2	201.3	63.0	1003.5
1991	4	3	63.1	29.8	38.6	68.8	0.9	5.5	65.2	2.0	80.2	21.7	16.3	34.2	95.1	35.0	60.5	109.9	94.7	50.3	124.0	47.7	771.6
1991	4	4	56.7	17.7	28.4	33.1	1.2	3.2	62.4	2.0	47.0	22.0	12.6	25.9	68.0	28.7	51.8	95.3	86.3	48.5	113.2	38.8	640.1
1991	4	5	37.1	12.8	17.3	18.5	0.7	2.0	60.5	2.0	28.7	11.7	7.3	14.6	39.7	17.7	31.8	60.0	81.5	56.0	94.3	34.2	479.5
1991	4	6	26.7	7.8	11.0	11.3	2.4	14.5	68.5	2.0	33.4	7.5	12.0	9.7	25.8	12.5	22.9	43.1	66.3	37.1	82.0	26.9	381.2
1991	5	1	21.1	7.0	9.9	15.6	3.3	13.4	94.9	2.0	49.2	9.7	18.1	13.8	37.3	16.1	28.2	57.9	67.5	24.1	127.9	34.0	485.8
1991	5	2	16.0	9.1	8.4	18.7	1.3	7.4	68.4	2.0	48.0	9.6	15.0	19.6	52.2	14.2	23.3	48.2	57.9	15.7	100.4	24.7	430.8
1991	5	3	19.5	12.9	8.9	14.9	1.0	4.1	58.8	2.0	35.2	12.2	11.1	20.8	59.6	11.1	14.9	30.2	66.6	76.8	166.1	62.1	568.7
1991	5	4	20.3	10.5	9.7	14.0	1.2	3.7	40.8	2.0	28.6	15.0	11.0	20.0	53.7	12.1	17.6	39.7	49.2	29.5	117.5	42.8	438.7
1991	5	5	39.9	19.1	16.1	11.7	1.5	3.7	41.1	2.0	29.7	9.3	7.7	9.8	28.7	8.4	12.8	28.2	39.0	23.8	78.3	26.9	304.6
1991	5	6	53.1	29.7	24.1	18.9	2.3	5.3	57.2	2.0	45.9	5.9	7.5	6.8	21.8	16.7	28.4	51.5	32.3	14.6	73.3	20.1	326.8
1991	6	1	51.4	22.2	23.7	19.3	3.0	15.3	83.0	2.0	61.8	6.0	13.9	6.3	21.4	21.8	37.5	67.2	49.8	15.1	57.7	14.7	375.2
1991	6	2	31.7	14.9	13.7	9.8	1.5	8.2	67.1	2.0	40.8	4.6	9.8	4.9	16.8	7.7	12.5	24.5	25.2	10.7	33.2	10.2	202.9
1991	6	3	16.4	7.2	6.9	6.4	0.7	3.6	34.9	2.0	21.2	3.9	5.0	4.1	13.7	6.8	11.6	23.0	20.0	7.7	32.9	8.9	160.8
1991	6	4	12.0	5.1	4.9	5.5	0.5	1.7	19.5	2.0	13.6	4.0	3.3	5.2	13.9	6.1	10.3	19.8	16.3	7.3	25.5	7.4	134.7
1991	6	5	9.4	4.0	4.4	5.4	0.5	1.3	15.9	2.0	9.8	3.9	2.8	4.3	12.6	5.2	8.7	16.4	14.5	7.2	19.5	7.4	114.3
1991	6	6	9.7	4.0	5.0	7.4	1.0	2.1	15.9	2.0	10.9	4.3	2.8	4.0	12.6	7.9	14.5	28.7	22.3	7.6	55.6	15.2	188.4
1991	7	1	48.9	4.1	19.2	12.8	0.6	0.8	13.9	2.0	11.5	8.1	3.7	9.9	20.5	5.1	8.6	16.2	15.7	7.1	27.8	8.4	144.6
1991	7	2	17.2	3.9	6.7	5.3	0.5	1.7	25.2	2.0	9.1	3.8	2.6	4.0	12.4	9.0	16.3	28.4	14.3	7.1	21.7	7.2	137.9
1991	7	3	17.1	3.9	4.7	5.3	0.4	0.8	19.1	2.0	9.0	3.8	2.5	3.9	12.3	5.2	8.9	16.5	14.2	7.0	19.0	7.2	111.5
1991	7	4	9.5	3.9	4.3	5.2	0.4	0.8	11.8	2.0	8.9	3.7	2.5	3.9	12.2	7.0	12.6	23.3	14.4	6.9	23.4	7.2	128.0
1991	7	5	36.8	3.8	19.8	20.2	0.4	1.1	12.5	2.0	17.4	4.0	3.0	5.1	13.5	5.0	8.4	15.8	15.6	8.5	18.8	7.0	124.1
1991	7	6	10.7	3.8	4.8	5.5	0.4	0.8	10.0	2.0	8.8	3.6	2.5	3.8	12.1	5.0	8.3	15.7	15.7	6.8	26.0	8.5	118.8
1991	8	1	16.1	3.8	5.9	5.1	1.0	1.0	12.3	2.0	8.7	4.2	2.4	3.8	12.0	6.2	11.1	22.3	24.7	6.8	86.4	15.9	206.5
1991	8	2	27.6	5.6	9.2	5.6	0.5	2.7	17.2	2.0	12.5	3.6	3.3	3.8	11.9	4.9	8.1	15.5	15.2	7.4	20.0	6.9	115.1
1991	8	3	36.7	3.7	14.0	6.9	0.4	0.8	12.1	2.0	8.6	3.8	2.6	5.1	19.7	26.2	46.7	75.0	13.7	6.7	18.3	6.8	235.2
1991	8	4	20.5	3.7	6.3	5.1	0.4	0.8	13.6	2.0	8.6	3.5	2.4	3.7	11.8	6.4	10.6	18.8	13.6	6.6	18.2	6.7	112.9
1991	8	5	11.1	3.7	4.2	5.0	0.4	1.0	10.2	2.0	8.5	4.3	2.6	7.3	15.6	4.8	8.0	15.2	13.5	6.5	18.0	6.6	112.9
1991	8	6	10.0	3.6	5.0	8.8	0.4	1.1	13.7	2.0	11.9	4.5	2.8	5.2	13.9	4.8	7.9	15.1	13.3	9.6	17.9	7.3	116.2
1991	9	1	8.9	4.0	4.1	5.4	0.5	0.8	23.6	2.0	8.6	3.8	2.3	4.4	13.6	10.1	15.6	26.5	19.1	98.7	22.9	25.5	253.1
1991	9	2	10.4	4.5	4.3	4.9	0.5	0.7	14.4	2.0	8.3	3.4	2.3	4.4	12.2	4.7	7.8	14.9	13.2	37.6	17.7	13.7	142.2
1991	9	3	8.8	3.6	8.3	28.1	0.4	1.0	18.6	2.0	19.5	3.4	2.3	3.8	12.4	4.7	7.8	14.8	19.2	17.5	53.8	15.6	176.8
1991	9	4	9.3	3.5	4.0	7.1	0.4	1.1	93.8	2.0	9.9	3.6	3.1	6.5	16.6	6.0	10.7	19.1	13.0	9.3	20.5	6.5	126.8
1991	9	5	22.8	3.5	6.5	4.8	0.6	3.8	64.5	2.0	11.9	3.4	3.9	3.6	11.3	4.6	7.7	14.6	12.9	6.7	19.8	6.4	108.8
1991	9	6	9.7	3.5	4.0	4.8	0.4	3.4	45.5	2.0	9.3	3.3	2.8	3.5	11.2	4.6	7.6	14.5	12.8	6.4	17.3	6.4	101.7
1991	10	1	8.7	3.5	4.0	4.8	0.4	1.1	27.1	2.0	8.2	3.3	2.3	3.5	11.1	4.6	7.5	14.3	12.7	6.3	17.2	6.3	99.3
1991	10	2	8.6	3.4	3.9	4.7	0.4	0.7	25.4	2.0	8.1	3.2	2.2	3.5	11.0	4.5	7.5	14.2	12.6	6.2	17.0	6.2	98.2
1991	10	3	8.5	10.1	3.9	4.7	0.4	1.1	17.1	2.0	10.8	3.2	2.2	3.4	11.0	4.5	7.4	14.1	42.7	42.4	16.9	7.9	168.5
1991	10	4	52.7	32.9	23.7	25.3	0.4	3.8	37.0	2.0	46.7	3.2	3.5	3.4	10.9	4.7	8.0	14.8	17.1	23.7	16.8	6.1	160.9
1991	10	5	72.2	17.6	27.4	11.4	0.4	2.1	44.2	2.0	25.6	4.8	2.7	5.7	16.3	5.4	8.4	15.5	12.5	8.1	16.6	6.1	129.7
1991	10	6	41.4	24.0	20.3	15.9	0.3	1.0	34.7	2.0	28.3	4.7	2.9	7.6	20.4	4.9	7.7	14.2	12.4	6.3	16.5	6.0	133.9
1991	11	1	68.8	24.4	23.2	8.3	1.7	2.7	57.0	2.0	24.0	4.5	4.0	3.5	12.1	30.8	59.3	104.1	70.2	50.7	138.2	41.8	545.2
1991	11	2	49.0	18.8	17.5	5.5	1.9	3.5	88.9	2.0	23.7	3.1	2.9	3.3	12.0	49.7	97.3	161.5	54.4	36.5	59.7	26.8	532.9
1991	11	3	38.7	16.4	15.2	9.8	2.6	4.9	78.3	2.0	29.8	10.9	8.3	13.8	43.8	87.7	163.0	282.9	77.5	54.3	165.1	55.2	994.3
1991	11	4	124.2	38.9	81.7	136.9	17.2	51.8	227.9	2.0	251.6	70.4	81.2	93.6	206.5	39.8	72.7	129.3	117.2	58.2	152.0	56.3	1330.8
1991	11	5	94.8	46.4	44.3	44.3	26.6	73.2	281.9	145.4	211.7	48.3	87.5	42.8	112.0	58.0	104.5	178.0	53.9	37.7	90.4	35.1	1205.3
1991	11	6	55.0	27.2	26.6	35.6	12.9	27.6	182.1	145.6	110.5	55.6	48.9	66.0	150.3	73.4	135.4	238.9	111.5	85.1	218.2	77.0	1516.4
1991	12	1	64.7	35.4	30.7	40.4	9.5	26.6	151.9	111.0	111.9	50.0	47.0	68.5	155.4	56.0	100.9	189.7	166.5	144.9	351.6	154.5	1707.9
1991	12	2	55.6	31.7	26.0	37.2	11.6	26.7	160.2	121.5	104.1	55.6	48.0	60.4	134.8	37.9	67.6	122.7	83.0	58.8	141.0	64.2	1099.6
1991	12	3	61.9	31.1	29.8	40.7	8.7	21.9	136.6	90.2	106.8	44.3	39.7	52.2	124.0	46.2	83.5	148.5	84.0	48.9	143.9	55.3	1067.5
1991	12	4	185.3	52.1	81.9	59.4	18.1	42.1	145.5	128.7	162.8	71.6	68.9	79.2	198.8	118.1	215.2	380.5	214.1	55.4	359.9	102.8	2156.0
1991	12	5	79.6	41.5	37.9	47.0	37.0	65.5	191.1	216.6	174.5	106.1	95.1	73.5	161.7	56.0	101.8	178.2	112.4	85.8	156.1	72.9	1590.7
1991	12	6	122.1	114.3	41.8	40.0	20.2	33.6	185.7	162.5	158.4	96.5	69.0	98.4	214.6	73.3	131.6	231.2	116.5	90.5	206.3	84.8	1733.6
1992	1	1	51.5	37.0	25.1	26.8	12.7	16.9	85.2	37.8	77.7	48.6	31.7	36.3	91.7	44.3	82.7	144.0	76.7	68.7	138.0	66.0	944.2
1992	1	2	34.6	21.0	18.8	20.4	6.8	10.6	60.2	2.0	50.4	30.4	20.7	26.6	71.9	44.0	81.2	139.6	52.5	38.4	87.0	37.6	682.3
1992	1	3	23.5	12.2	13.2	17.5	4.4	9.6	51.9	2.0	44.9	22.3	18.0	23.2	58.5	22.3	38.6	70.4	45.1	24.4	68.7	25.1	463.5
1992	1	4	70.7	32.1	40.6	40.5	8.6	12.5	49.9	2.0	69.8	47.7	28.9	49.9	119.0	58.8	106.5	169.0	66.5	38.2	51.2	19.8	827.3
1992	1	5	31.0	21.5	18.1	17.6	5.4	6.8	31.3	2.0	38.3	28.4	16.8	25.2	71.7	36.9	64.1	114.3	49.6	19.2	60.7	16.0	543.2
1992	1	6	38.6	34.5	26.8	35.5	7.9	12.2	40.7	2.0	66.2	36.2	23.9	31.6	79.9	28.9	50.1	89.7	57.0	13.8	63.2	15.0	557.5
1992	2	1	39.2	22.6	22.0	21.2	4.8	6.0	26.4	2.0	41.4	27.1	16.2	26.4	78.4	54.8	96.5	161.5	94.8	51.0	63.3	18.5	731.9
1992	2	2	23.4	13.6	17.7	16.4	7.9	25.0	92.1	2.0	63.1	22.5	28.6	19.9	64.9	62.6	115.5	190.3	77.4	35.7	44.5	11.6	738.6
1992	2	3	34.6	8.9	11.9	9.8	5.4	11.2	45.1	2.0	40.0	14.5	17.2	11.7	36.9	22.1	39.9	70.3	48.5	32.5	41.1	13.1	389.8
1992	2	4	50.7	6.9	8.1	10.3	6.2	9.4	35.0	2.0	31.4	20.9	17.0	15.4	41.2	12.8	21.7	39.2	36.3	21.8	36.5	12.3	308.5
1992	2	5	39.7	8.4	8.2	8.0	3.6	5.6	26.2	2.0	22.1	30.2	18.3	45.3	86.1	10.8	18.1	32.4	22.4	12.3	24.3	7.3	331.6
1992	2	6	87.6	5.6	6.9	11.3	2.9	8.3	40.2	2.0	25.5	12.4	11.6	12.5	33.9	10.1	16.2	29.4	19.3	10.6	20.2	6.8	210.5
1992	3	1	61.1	5.9	9.1	8.5	8.3	9.8	40.3	2.0	27.6	19.6	15.2	8.9	32.0	9.6	14.2	27.3	70.6	16.3	68.1	13.0	324.4
1992	3	2	74.3	38.7	24.5	42.4	17.8	16.8	74.7	2.0	77.8	86.5	44.1	68.3	152.1	59.6	110.7	183.5	69.4	65.7	73.0	30.7	1023.4
1992	3	3	66.8	18.6	14.3	18.0	7.0	7.4	41.3	2.0	37.0	33.7	19.2	27.3	67.1	16.4	29.1	51.0	27.3	22.6	28.1	8.8	369.6
1992	3	4	42.9	8.3	7.1	9.7	4.5	4.1	43.4	2.0	19.4	20.3	11.1	15.0	36.9	8.6	14.7	26.7	20.4	11.1	28.6	8.9	223.7
1992	3	5	44.6	23.7	15.6	21.9	6.4	6.5	39.1	2.0	38.8	28.6	15.9	21.0	54.6	10.3	16.0	30.7	39.3	11.1	96.8	21.9	387.0
1992	3	6	54.2	25.4	13.1	17.1	6.4	9.8	42.9	2.0	46.3	19.6	15.2	12.3	33.6	8.8	15.4	28.8	33.9	14.4	56.9	12.3	299.5

I-3 SIMULATED 5-DAY DISCHARGE BY SUB-BASIN OF KUANTAN-INDRAGIRI RIVER BASIN (11/11)

Indragiri River Basin

Year	Month	5-Day	I-01	I-02	I-03	I-04	I-05	I-06	I-07	with Singkarak Power Station	I-08	I-09	I-10	I-11	I-12	I-13	I-14	I-15	I-16	I-17	I-18	I-19	Total
1992	4	1	45.7	16.6	39.2	36.8	14.7	15.5	57.0	10.2	59.3	59.5	33.3	44.7	92.6	6.4	10.2	20.8	26.3	16.8	41.6	10.8	432.5
1992	4	2	34.7	9.5	23.3	22.3	6.5	7.9	42.2	2.0	36.1	31.8	19.0	27.3	65.9	16.0	28.1	51.7	31.2	31.9	55.6	19.5	416.1
1992	4	3	35.3	6.3	26.1	11.2	2.8	3.6	31.3	2.0	19.8	18.7	11.0	22.0	48.8	12.9	22.6	42.1	56.1	58.8	64.3	28.2	407.3
1992	4	4	21.7	8.8	13.5	8.3	2.0	3.5	28.2	2.0	17.8	14.4	9.1	19.1	54.7	14.4	21.5	40.5	32.0	24.6	50.3	16.6	317.0
1992	4	5	20.7	10.7	18.5	7.7	1.8	2.3	25.4	2.0	14.6	9.6	6.2	9.0	30.5	13.1	20.0	41.0	45.6	17.3	84.3	20.8	314.0
1992	4	6	23.8	6.8	11.7	13.4	10.0	15.1	46.7	2.0	34.8	35.3	25.6	30.4	58.0	11.5	19.1	38.4	41.7	24.5	54.8	14.8	390.9
1992	5	1	77.5	10.7	33.7	60.6	14.8	38.8	130.9	107.5	134.0	47.3	56.2	51.1	109.4	10.5	18.9	36.3	42.8	47.6	51.8	19.6	733.0
1992	5	2	47.5	8.8	30.0	55.4	9.7	15.5	65.1	13.3	81.5	33.4	25.9	22.2	62.6	12.6	21.1	39.6	67.2	74.9	67.5	29.2	551.0
1992	5	3	41.7	13.0	15.0	20.1	6.5	11.7	54.1	2.0	49.4	18.6	17.6	11.3	37.8	10.6	15.6	29.4	43.9	88.5	63.8	41.3	429.8
1992	5	4	39.8	27.7	9.3	12.0	4.2	6.9	35.4	2.0	33.6	19.6	13.9	19.7	49.0	8.2	11.9	21.8	58.0	59.8	36.6	19.1	353.2
1992	5	5	34.5	23.7	9.0	8.9	5.7	17.2	69.5	15.4	53.0	14.5	20.9	13.2	40.3	8.1	11.6	21.0	62.1	48.2	36.6	14.6	359.5
1992	5	6	31.9	42.6	24.2	20.2	18.7	21.3	76.6	39.6	73.7	46.0	32.6	20.6	48.5	5.8	9.1	17.4	57.5	30.0	61.2	14.6	456.6
1992	6	1	32.4	19.9	22.8	8.4	6.5	9.0	42.9	2.0	36.1	19.6	14.4	8.0	26.3	15.4	29.0	51.3	100.5	73.2	73.9	24.4	474.1
1992	6	2	18.8	11.4	11.6	6.5	3.8	6.5	43.1	2.0	25.5	12.0	10.9	7.3	23.4	10.3	16.9	34.8	60.1	31.6	77.3	19.5	331.6
1992	6	3	13.0	6.5	6.3	5.2	2.0	3.7	25.2	2.0	16.2	7.7	6.3	5.0	16.2	5.4	8.6	17.0	62.1	27.0	59.6	11.2	244.3
1992	6	4	10.1	4.7	4.7	5.2	1.8	2.8	20.5	2.0	12.7	6.1	5.2	4.2	13.3	8.7	16.0	27.2	41.6	25.6	32.6	9.9	205.1
1992	6	5	9.6	4.0	4.4	5.1	1.3	2.0	15.2	2.0	9.9	4.5	3.7	4.2	12.7	5.0	8.4	15.9	26.0	20.0	31.7	8.8	152.8
1992	6	6	9.5	3.9	4.4	5.0	1.4	1.6	13.3	2.0	9.8	4.4	3.2	4.1	12.6	5.0	8.4	15.7	20.5	11.9	23.1	6.7	127.4
1992	7	1	30.8	4.0	4.4	5.0	0.9	1.3	14.4	2.0	9.8	4.4	3.1	4.1	12.5	5.0	8.3	15.6	16.0	8.8	19.5	6.7	115.8
1992	7	2	41.3	4.7	7.8	17.7	4.9	5.6	27.9	2.0	25.2	20.7	12.1	17.0	35.9	5.5	9.1	16.7	19.7	9.5	24.0	7.2	204.6
1992	7	3	33.6	5.7	19.2	12.7	4.8	5.4	26.3	2.0	22.3	14.7	9.2	8.2	21.6	19.9	37.2	59.9	32.8	16.0	18.8	6.6	269.2
1992	7	4	38.2	25.5	32.1	13.4	6.1	19.7	77.0	2.0	62.9	12.2	19.3	9.7	28.8	37.0	71.7	116.3	16.3	7.6	17.7	6.5	408.0
1992	7	5	23.2	12.0	9.0	5.8	3.3	6.5	30.8	2.0	26.3	6.7	9.6	4.9	14.9	7.4	14.0	24.2	14.5	12.5	17.3	7.5	161.8
1992	7	6	25.6	12.5	20.7	23.1	6.7	31.6	133.3	94.6	101.3	7.0	32.2	9.7	32.5	15.1	25.3	53.5	55.9	30.5	180.1	49.9	687.6
1992	8	1	13.9	6.0	9.1	9.5	1.8	6.0	22.1	2.0	30.4	4.8	9.2	5.5	20.6	12.6	21.0	49.3	69.5	22.5	147.0	43.0	437.4
1992	8	2	10.8	4.0	5.4	5.4	1.2	2.8	19.0	2.0	15.0	4.3	4.8	4.1	13.0	5.7	9.5	21.3	45.7	10.2	88.2	23.8	247.6
1992	8	3	10.1	3.8	4.3	4.9	0.8	2.0	14.6	2.0	11.0	5.2	4.1	7.4	16.6	4.8	8.1	15.9	26.7	7.8	61.4	13.9	184.9
1992	8	4	14.0	3.8	4.2	4.9	1.0	1.6	13.1	2.0	9.6	4.3	3.3	4.0	12.1	7.9	12.7	24.3	27.9	7.3	83.8	17.5	216.7
1992	8	5	9.4	3.7	4.2	4.8	1.1	2.8	20.9	2.0	12.2	4.2	3.8	4.0	12.1	4.8	8.0	15.1	16.9	7.2	35.4	8.0	133.7
1992	8	6	9.2	3.7	4.2	4.8	1.7	3.9	30.4	2.0	11.2	4.5	3.9	3.9	11.9	4.7	7.9	15.0	13.4	7.1	24.6	6.4	116.5
1992	9	1	39.1	3.7	4.1	4.7	0.8	1.6	18.7	2.0	9.4	4.1	3.1	3.9	11.9	4.7	7.8	14.8	13.2	7.1	18.1	6.3	106.4
1992	9	2	28.4	3.7	4.1	4.7	0.8	1.4	12.4	2.0	9.3	4.1	3.0	3.8	11.8	4.9	7.8	14.7	18.1	15.3	38.4	14.7	147.9
1992	9	3	36.1	5.7	11.1	9.6	4.4	5.2	32.6	2.0	16.9	12.6	7.6	8.4	19.0	9.1	17.3	31.2	59.0	42.9	33.3	9.5	268.8
1992	9	4	39.0	7.7	6.8	8.2	5.7	4.3	26.8	2.0	14.5	21.4	9.8	12.2	36.2	20.9	35.9	60.5	52.1	29.1	34.2	8.4	337.2
1992	9	5	35.7	3.8	6.0	11.4	3.0	2.6	22.7	2.0	14.6	10.4	5.3	5.6	23.2	26.4	49.2	83.7	52.2	25.2	50.6	13.9	362.3
1992	9	6	50.9	11.4	20.0	26.8	21.1	19.4	57.5	2.0	49.0	57.8	31.1	22.0	59.5	23.1	38.5	69.1	53.5	26.5	79.7	20.3	532.1
1992	10	1	36.7	7.3	9.5	17.5	17.9	16.2	81.5	5.0	39.2	72.5	35.6	51.3	99.5	19.1	32.7	64.8	74.4	29.4	168.8	38.5	730.8
1992	10	2	23.7	4.1	6.4	12.4	9.4	7.9	46.1	2.0	23.1	40.6	20.5	26.9	66.6	22.2	39.1	77.8	80.0	35.6	145.0	43.2	622.6
1992	10	3	15.5	3.8	7.3	16.4	5.3	4.7	28.4	2.0	18.8	22.3	11.5	14.1	37.7	17.1	30.9	59.1	43.6	24.5	68.5	20.1	370.2
1992	10	4	12.7	3.6	4.5	8.0	2.9	2.5	17.6	2.0	12.5	14.4	7.0	9.5	30.8	33.5	62.0	108.6	35.2	24.8	65.6	22.6	428.5
1992	10	5	23.9	3.5	7.4	5.5	1.9	1.9	15.9	2.0	9.7	8.8	5.0	6.7	19.6	15.6	27.9	59.3	50.9	49.4	142.1	51.7	448.7
1992	10	6	16.7	4.3	4.1	4.6	1.6	2.0	28.3	2.0	9.1	7.4	4.4	5.2	16.0	8.8	15.9	33.6	66.2	76.0	84.2	40.1	368.9
1992	11	1	24.2	3.8	11.6	18.2	1.1	1.7	38.3	2.0	18.0	30.1	14.3	59.7	125.6	57.9	110.8	197.9	147.7	143.1	174.2	75.4	1156.7
1992	11	2	49.3	7.8	16.1	56.7	2.7	15.4	78.8	2.0	84.3	23.1	24.3	34.6	91.9	74.4	145.4	250.8	94.5	53.0	139.2	49.2	1066.7
1992	11	3	52.2	13.3	28.3	85.1	11.5	38.0	143.9	2.0	161.5	47.0	55.7	54.8	146.9	39.0	62.5	117.3	83.8	40.1	149.7	49.1	1009.4
1992	11	4	89.1	33.8	40.2	79.6	17.1	25.7	102.8	44.9	127.2	80.0	55.2	82.9	201.5	47.4	76.4	147.7	162.0	86.8	280.3	98.8	1491.1
1992	11	5	106.9	45.0	94.2	97.5	7.8	20.3	100.4	51.5	147.1	63.2	50.1	88.4	195.9	52.4	95.0	175.1	148.7	62.6	240.7	87.8	1458.5
1992	11	6	87.6	31.9	55.1	49.7	13.2	21.8	120.4	78.4	95.2	56.8	41.5	49.2	119.9	41.9	74.6	138.7	106.0	49.8	181.0	66.9	1099.9
1992	12	1	68.9	19.1	37.0	36.8	5.6	10.0	48.4	2.0	58.0	29.8	21.7	30.2	79.9	27.9	45.5	87.9	85.7	35.4	131.7	45.0	680.7
1992	12	2	40.3	23.4	20.7	18.5	10.0	12.3	52.4	2.0	45.7	37.2	23.9	28.0	64.9	17.9	29.6	58.0	70.4	33.9	114.4	36.7	562.6
1992	12	3	80.3	52.0	30.2	11.1	6.6	7.7	51.3	2.0	38.4	37.2	21.0	35.2	73.3	28.1	51.1	102.7	132.2	80.6	245.1	86.0	932.9
1992	12	4	137.4	25.9	24.3	8.2	10.8	9.4	39.3	2.0	26.6	42.1	21.4	26.1	59.2	31.3	55.6	100.3	95.8	75.5	121.3	57.2	714.4
1992	12	5	115.8	17.8	18.9	23.1	6.0	5.6	27.0	2.0	31.4	33.6	17.1	29.4	70.5	27.3	45.4	78.3	85.7	116.7	80.4	47.5	665.3
1992	12	6	89.0	17.9	13.6	6.1	5.3	6.1	32.2	2.0	18.6	17.2	10.8	11.1	31.0	24.5	42.9	73.3	76.1	83.4	68.2	40.9	500.0

IV GEOLOGY AND SOIL MECHANICS

IV GEOLOGY AND SOIL MECHANICS

LOG OF DRILLING HOLE

IV.1 LOG OF DRILLING HOLE (1/36)

Drill Holes		Location		
Code	Purpose	Latitude	Longitude	Altitude (El.m)
		Damsite		
DA-1-95	dam axis	0°36'72"	101°19'52"	90.53
DA-2-95	dam axis	1°36'72"	102°19'52"	73.38
DA-3-95	dam axis	2°36'72"	103°19'52"	75.14
DA-4-95	dam axis	3°36'72"	104°19'52"	105.02
		Reservoir		
RB-1-95	reservoir area	0°46'72"	101°18'21"	162.16
RB-2-95	reservoir area	0°47'47"	101°23'97"	133.83
RB-3-94	reservoir area	0°49'32"	101°28'63"	159.28
		Bangkinang		
LB-1-94	levee	0°20'00"	101°58'45"	37.88
LB-2-95	levee	0°21'60"	101°04'63"	30.56
LB-3-95	levee	0°21'46"	101°28'22"	24.86
LB-4-95	levee	0°20'66"	101°06'00"	19.80
LB-5-95	levee	0°21'52"	101°28'63"	16.00
		Rengat		
LR-6-95	levee	0°22'06"	102°32'35"	7.77
LR-7-95	levee	0°22'93"	102°33'55"	5.29
LR-8-95	levee	0°23'36"	102°34'73"	5.27
LR-9-95	levee	0°23'51"	102°33'35"	4.98
LR-10-54	levee	0°23'52"	102°32'53"	6.08
SB-1-95	sluiceway	0°20'87"	101°01'73"	29.67
SB-2-95	sluiceway	0°21'21"	101°12'04"	18.00
SR-3-95	sluiceway	0°24'11"	102°35'11"	6.55
SR-4-54	sluiceway	0°22'11"	102°31'38"	7.77
		Kuok		
WB-1-94	weir	0°18'62"	101°55'02"	39.52
WB-2-94	weir	in river		4.00
WB-3-94	weir	0°18'55"	101°55'24"	40.69
		Lubuk Jambi		
WL-1-95	weir	0°35'96"	101°24'67"	61.36
WL-2-95	weir	0°36'11"	101°24'69"	61.10
WL-3-95	weir	0°36'17"	101°24'66"	60.68

DRILL LOG

HOLE NO. DA-1-95 SHEET NO. 1 OF 2

DATE	DEPTH	ELEVATION	ROCK TYPE OR FORMATION	COLUMN SECTION	DESCRIPTION	ROCK GRADE	GROUNDWATER LEVEL	CORE RECOVERY %	CORE RECOVERY cm	R. Q. D	WATER PRESSURE TEST LUGEON VALUE	DEPTH
January 16 - February 14, 1995	0.5		Top Soil		Silty SAND, brown, plant roots							
	2		Residual Soil		Sandy SILT, brown, moist, medium consistency	ML						
	7				Brown-yellow clayey SILT containing fragments of completely weathered quartzite and shale, low plasticity fragments up to 5cm Ø, stiff	ML						
	10		Shale and Quartzite		Intercalations of highly weathered shale and quartzite, red and gray; quartzite reverts into fine sand, shale into clay and silt, no plasticity	D	8.95m					
	11				Highly weathered gray shale	D						
	13.3				Fresh shale, no joints, passing into fresh quartzite at 11.6m, the quartzite is strong free 13.3m	C_H						
	18				fragments of Quartzite, weathered, yellow-red, splits along conjugated joints and also irregular sutured joints, dip of joints 60-70°	C_M						
	19				strong Quartzite, conjugated joints 50° spacing 7cm, thin shale levels at 18.7m							
	26		Quartzite		brecciated Quartzite, and Quartzite fragments, slightly weathered, yellow -21-22m thin shale intercalations - conjugated joints, 50° dip filled by iron oxide -23-24m fragmented rock by closely spaced rocks -24-25m thin shale intercalations, and joints with iron oxide fill	C_M						
	32				fresh, strong Quartzite fragments zone between 27.5 - 27.75m -28-30m irregular joints, 1mm thick, iron oxide joints and quartz veins -30-32m strong rock, high angle joints, 25cm long	B						
					Quartzite with shale intercalations 1 - 8cm, irregularly spaced joints 1-10cm, thin, marked by iron oxides	C_H						

LOG FORM--C'

IV - 2

HOLE NO. IV.1 _ LOG OF DRILLING HOLE (2/36)

DRILL LOG

HOLE NO. BA-1-35 SHEET NO. 2 OF 2

DEPTH	ROCK TYPE OR FORMATION	DESCRIPTION	ROCK GRADE
32	Quartzite	greenish-white QUARTZITE, jointed fill of iron oxide	
33		one oblique fracture, 10cm long	
34		joints filled by quartz; 37.8m fracture, dip 70°	
35		1cm thick joints, filled by iron oxide	C_H
36	SHALE	SHALE red-green, fresh	
37	Quartzite	fine GUARZITE, fractures with iron oxide, dip 40-75°	
40		fractured zone, clay and colored rock recovered in fragments, four fractures, dip 55-75°	
41			
42	SHALE	SHALE, green	
43		jointed, brecciated, iron oxide fill is weathered,	C_H
44		rock recovered only in fragments	
45	Quartzite	2 high angle fractures filled by quartz, 64-84° of dip	
46		fine joints with iron oxide	B
47		fractures, dip 55-62°	
48		only fragments recovered	C_L
49		red colored rock; fracture with 1cm iron oxide fill	B
49.2			
50	SHALE	SHALE, gray,	C_L
51	SHALE & Quartzite	fabrication of shale and quartzite, moderately strong to strong; 2 fracture families, dips > 60°	C_H
51.7			
52	SHALE	SHALE, rather strong, gray, fragmented along joints	C_H'
55		Solid SHALE, slightly red along fractures; sedimentary slump structures	
56	Quartzite	gray Quartzite; one fracture, filled, dip 61°	
57		strongly jointed, mainly fragments recovered	C_H
58		Pink-green QUARZITE, oblique fractures, open, filled by iron oxide; irregular sutured fractures; thin	
59		closely spaced joints. irregular joint pattern, mainly recovered in fragments	
60			C_H
61			
62		irregular joint pattern, mm-thick	
63		- 1cm thick shale levels 63.3-64 m	
64		- 64.3 m quartz vein, 25cm long filled by fiber quartz	
65		- 65-70m mainly hard Quartzite; high angle conjugated set of joints filled by iron oxide + quartz; thin shale intercalations at 65 m, 67.3 m and 69 m	B
66			
67			
68			
69			
70			

CORE RECOVERY % cm — R. Q. D % (50) — WATER PRESSURE TEST LUGEON VALUE (10 20 30 40 50)

GROUNDWATER LEVEL

DEPTH

HOLE NO. IV.1 LOG OF DRILLING HOLE (3/36)

LOG FORM—C'

DRILL LOG

HOLE NO. DA-2-95 SHEET NO. 1 OF 2

DATE	DEPTH	ELEVATION	ROCK TYPE OR FORMATION	COLUMN SECTION	DESCRIPTION	ROCK GRADE	GROUNDWATER LEVEL	CORE RECOVERY %	CORE RECOVERY cm	R. Q. D %	WATER PRESSURE TEST LUGEON VALUE	DEPTH
December 10, 1995 -	0.5		River deposits		Fine brown SAND and GRAVEL							
					SILT & CLAY, weathering products							
	2		Residual soil		Red-white clayey soil and fragments of QUARTZITE, 5cm length	CL	variable					
					QUARZITE, white, very hard with red iron oxide filling in joints; 2 families of joints;					55		
					joints, spaced 1 cm					15		
					Weak zone of weathered quartzite							
					rock splits along oblique joints into sharp fragments							
					fresh rock, splits along 1mm thick joints					58		
					strongly weathered rock							
					fresh quartzite mottled in fragments, white-pink; most joints are tight, without fill; two sub-vertical fractures, 35 cm long with iron oxide fill at 7m and 9m respectively	B				60		
										65		
										55		
					fresh Quartzite, predominant set of conjugated joints dip 50°					70		
					-10-11m intensive joint pattern, tight, iron oxide fill					68		
					-11-12 m joint spacing 5-15cm					71		
					-12-12.5 weathered qtz. zone					62		
										40		
										65		
					-16.85-17.4 fracture zone, red, sandy fragments; main fracture dip 73°					50		
					-19.5m. joint 4mm thick, dip 55°							
					Shale, gray, strong							
					Increasing joint intensity, predominant conjugated set 70° inbetween irregular short joints, iron oxide fill and quartz, short joints present small cavities	CH						
					brecciated zone of moderately weathered quartzite	CM						
					-24.45 one set of joints, 70° of dip, 60 cm long, inbetween many small joints	B						
	25.45											
			Quartzite and Shale		alternance of SHALE and Quartzite, fresh rocks, hard as a whole, mm thick joints with iron oxide fill, spacing 20 cm, conjugated sets, 70° dip	CH						
	28											
			Quartzite		Quartzite, joints closely spaced with iron oxide fill							
					Quartzite, joints subparallel 70° of dip, spacing 15-20cm, iron oxide fill	B						
	32.5											
			Quartzite and Shale		Quartzite and Shale, fresh, joints same as above, thin	CH						
	36				Quartzite, conjugated set of joints, 70° dip, iron oxide fill	B						

HOLE NO. IV.1 LOG OF DRILLING HOLE (4/36)

LOG FORM--C"

IV - 4

DRILL LOG

HOLE NO. BA-2-95 SHEET NO. 2 OF 2

DEPTH	ROCK TYPE OR FORMATION	DESCRIPTION	ROCK GRADE
36	QUARTZITE and SHALE	Quartzite with Shale intercallations (10cm thick) hard; joints conjugated, dip 70°	C_H
37		yellowish weathered Quartzite irregular joints, spaced 7-15cm	
38		fresh rock	A
39		weathered quartzite, jointed	C_H
		Shale grey	
40		Hard, fresh Quartzite, with quartz veins, 1mm thick with cavities	B_C
41		Quartzite with thin Shale intercallations at 40.2 - 40.3 and 41.5 - 41.7; conjugated set of joints, spacing 5-20cm, dip 50°, mm thick with iron oxide fill; in shale only one direction of joints predominates.	C_H
42			
43			
44			
45			
46		- intercallations of shale 46.3 - 46.4 m 46.75 - 46.83 m and 47 - 47.1 m; along contact with quartzite concentration of iron oxide.	
47			
48			
49		Jointed Quartzite, conjugated set 50° of dip, spacing 5-10 cm	C_H
50		- 50-51 m rock is fragmented along joints	
51		weak zone of quartzite, strongly weathered, fragmented	C_{III}
52		fragments of quartzite, short, split along joints	C_{IV}
53		Weak zone of strongly to medium weathered Quartzite yellowish, fragments max 3cm Ø	C_{III}
54			
55		Hard fresh Quartzite, irregular joints, red colored zones by iron oxide, undisturbed and fragmented rock alternations	
56			
57		Quartzite with thin, irregular joints, filled	C_H
58		- 58-59 m conjugated joints dip 60°	
59		- 58.7 - 58.8 blue phyllite, cleavage // to joints	
60		- 59.6 subvertical fracture 20cm long, filled by quartz + iron oxide, weathered	
60.4			
61	Shale	60.4 - 60.4 grey-bluish quartzite fragments, dipping 75°	
62		SHALE, light grey, fresh, moderately strong rock; conjugated set of joints, dip 75°, spacing from 12 - 30 cm; no fill	C_{III}
63			
64			
65			
66		- Shale rather fragmented by the conjugate set of joints above, and a third joint family inclined at 20°.	C_{III}
67			
68			
69			
70			

CORE RECOVERY: % / cm

R. Q. D: 50 45 30 90 20 50 90 20 70 80 70 25 50 30 60 22 30 15 35 80 40 80 70 75 25 90 35 50 25 25 15

WATER PRESSURE TEST LUGEON VALUE: 10 20 30 40 50

DEPTH: 31 32 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 56 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70

HOLE NO. IV.1 LOG OF DRILLING HOLE (5/36)

IV - 5

LOG FORM-C'

DRILL LOG

HOLE NO. DA-3-95 SHEET NO. 1 OF 2

DATE	DEPTH (m)	ELEVATION	ROCK TYPE OR FORMATION	COLUMN SECTION	DESCRIPTION	ROCK GRADE	GROUNDWATER LEVEL	CORE RECOVERY % / cm	R. Q. D	WATER PRESSURE TEST LUGEON VALUE	DEPTH
March 14 to March 20 1995	0–5		Residual soil		Top Soil SILT yellow-brown, non-plastic silt, moist in place, stiff to very stiff, weathering soil of Quartzite	ML		100 %			
	5–5.3		Quartzite		Quartzite, higly weathered	CL					
	5.3–8				Highly weathered SHALE yellow-brown, weak rock; 5.3 – 5.45m SILT	CL		95 %			
	8–35		Shale		SHALE, dark grey weak rock in general; - joints filled by iron-oxide or clay, generally closed - 7-8 m: moderatly weathered rock, dip of joints: 30° - between 8 and 20m the dip of the joints 50 - 70° - from 20 to 35 m dip of joints 40-70° - weak rock at: 36.5 – 36.8, 37.2 - 40.0 m - between 8 and 43 m of depth the joint frequency is 2-5 /m	CH	▽ (approx. 9.5 m)	100 %			

DRILL LOG

HOLE NO. DA-3-95 SHEET NO. 2 OF 2

DATE	DEPTH (m)	ELEVATION	ROCK TYPE OR FORMATION	COLUMN SECTION	DESCRIPTION	ROCK GRADE	GROUNDWATER LEVEL	CORE RECOVERY %
March 26, 1995	36–40		Shale		Dip of joints between 38 and 39 m of depth is 30°		Gwl at 8 m	100 %
	40–45				40–45 m shale, dark gray, weak to moderately strong rock, closed joints, dip 30–45°, between 43.6 and 45.2 rock is fragmented	CM		
	45–49.73				45–49.73 m moderately weak to weak rock, fragmented portions	CL		95
March 26	50							100
	51.25–58.78				51.25 – 58.78 m: weak rock, jointed, the joints dip 50–70° and are closed	CL		100
March 30	56							95
	60–67.8				- between 60 and 67.8 m, 10 measurable joints with dips between 48 to 76°, closed, no fill.			95 / 96
	65–70					CH		100 / 95

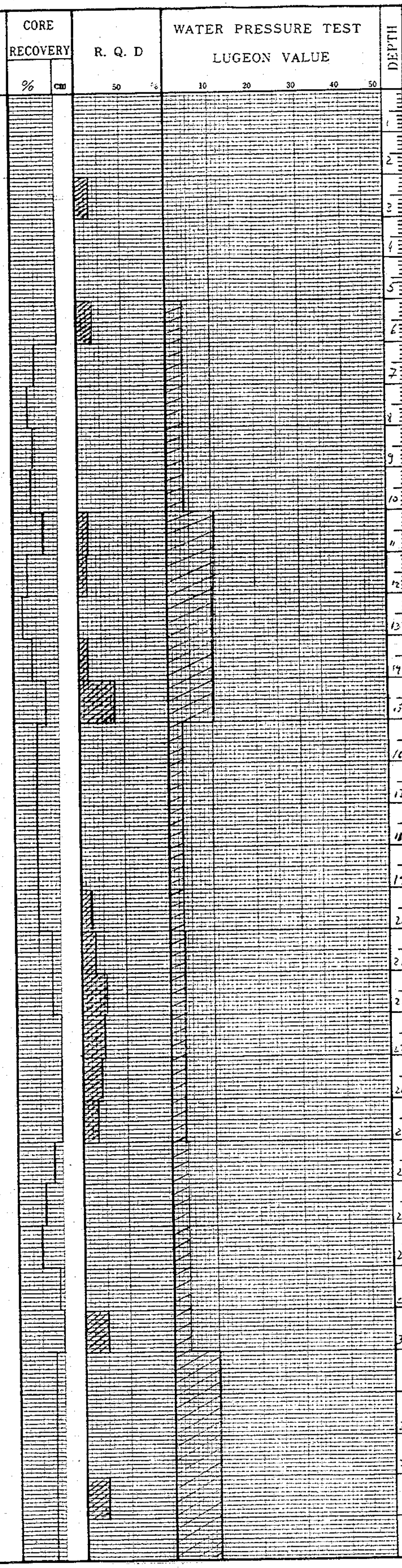
WATER PRESSURE TEST — LUGEON VALUE (10, 20, 30, 40, 50)

R. Q. D (50)

DRILL LOG

HOLE NO. ΔA-4-95 SHEET NO. 1 OF 2

DATE	DEPTH (m)	ELEVATION	ROCK TYPE OR FORMATION	COLUMN SECTION	DESCRIPTION	ROCK GRADE	GROUNDWATER LEVEL
1995	1.5		Colluvial Soil		Yellow silt matrix with fragments of weathered quartzite, all sizes up to 11 cm	ML	
February 11 to 26, 1995			Quartzite		Quartzite breccia, cemented, joints filled by iron oxide, [illegible] local - predominantly fragments of QUARTZITE, angular, many joints with brown iron oxide fill and quartz veins; rock is light brown; fill is weathered - fine quartzite core, one subvertical fracture, 35 cm long - 6 to 20 m only fragments between 1 cm and 10 cm, rock is slightly weathered to fresh, fragments are angular - between 6-10 m joints 60° inclination, less than 1 mm thick, filled by iron oxide, weathered. - 14.2 m, 60° inclined fractures, spacing 8 cm, open 0.2-2 mm thick, slickensides, iron oxide fill - joints, 70° dip - 19.7 m, vertical fracture 1 mm, filled by iron oxide, weathered, 20 cm long - between 20 and 25 m conjugated joints at 70° - from 25 to 28 m only small fragments 2-6 cm - fracture at 28.9 m, dip 77° - between 30-32.6 m fragments only - 32.6-35 core recovery with conjugated joints at 60°, 0.2 mm thick, no fill and high angle joints with iron oxide fill at 32.4 and 33.1 m	CL	



DRILL LOG

HOLE NO. DA-4-95 SHEET NO. 2 OF 2

DATE	DEPTH	ELEVATION	ROCK TYPE OR FORMATION	COLUMN SECTION	DESCRIPTION	ROCK GRADE	GROUNDWATER LEVEL	CORE RECOVERY	R. Q. D	WATER PRESSURE TEST LUGEON VALUE	DEPTH
March 10 to March 20, 1995	66.6 m		QUARTZITE		- from 35 to 46 m: rocks broken by joints, no RQD; joint planes: rough, open, fill 0.5-1 mm with iron oxide - 5 joints between 36 and 37 m, dip 35-65° - from 37 to 42 the joints dip 50-70° - 43 to 44 m 7 joints variable dips from 30 to 53° - 48-48.3 m strong rock light grey - 48.3 to 66.6 m: light gray Quartzite, moderately strong, jointed, open joints, 0.5-1 mm thick, filled by iron oxide - 50 to 55 m the dip of joints 31-38° - 55 to 60 m, rock is fragmented by joints, dip 28-70°, - horizontal joints at 55.18 and 55.23 m - 64.7 m, joint plane dipping 55°	CL					
			SHALE		Shale, dark grey, weak to moderate strong; - joints at 69.5 m: 48°, at 70 m: 40°, filled by iron oxide	CL					

DRILL LOG

HOLE NO. RB-1-95 SHEET NO. 1 OF 1

DATE	DEPTH	ELEVATION	ROCK TYPE OR FORMATION	COLUMN SECTION	DESCRIPTION	ROCK GRADE	GROUNDWATER LEVEL	CORE RECOVERY %	CORE RECOVERY cm	R. Q. D %	WATER PRESSURE TEST LUGEON VALUE	DEPTH
January 23 - 25, 1995	0.2		Top Soil		SILT - plant roots; brown							
	1				Sandy SILT, brown, moist, soft	ML	1 m					
	1.3				Sandy, silty CLAY, low plasticity	CL						
	4		River deposits		Gravely SAND, brown; clean, fine to medium, subrounded grains	SW						
	4.8				GRAVEL, light grey; Ø = 4cm, subrounded, very fine sand matrix	GW						
	8.5				Sandy, gravely SILT, gray and reddish, moist, low plasticity, organic material, pebble Ø = 0.5cm	ML						
			Residual Soil		Yellow - orange fine silty SAND with CLAY / SILT intrallations; sandy portions predominately irregularly distributed, low plastic, moist, soft.	ML		100 %				
					- 17.5 m, fragments of weathered igneous rock							
	18.5				Brown, plastic CLAY with fragments of completly weathered igneous rock	CL						
	19.7		DIABASE		DIABASE, moderately weathered, mostly dark-colored minerals and feldspars micro-cristalline texture, rock minerals altered, moderately, rock is strong; - from 21 m, joints, variable spacing, filled by chlorite, calcite or iron oxide, < 1mm thick, showing slickensides; - joint orientations: 50-65° dip, 4 joints; 65-87° dip, 8 joints	CH/CM						

HOLE NO. IV.1 LOG OF DRILLING HOLE (10/36)

LOG FORM - C"

DRILL LOG

HOLE NO. RB-2-95 SHEET NO. 1 OF 1

DATE	DEPTH	ELEVATION	ROCK TYPE OR FORMATION	COLUMN SECTION	DESCRIPTION	ROCK GRADE	GROUNDWATER LEVEL	CORE RECOVERY %
January 16 - 17, 1995	0.45		Top SOIL		Silty fine SAND, brown, plant roots	SM		
	1.7 / 2		LIMESTONE (reef deposit)		LIMESTONE, bluish to light gray, compact, hard slightly cristalline, no joints, styliolites, small cavities, fresh -1.7-4 m brown silt, fill of cavity	B	4.05 m	
					laminated, micritic limestone gray and yellow laminas 1-3 mm thick, few joints, some portion consists of fragments of angular limestone, strongly cemented; it is reef deposit, the laminations are the result of algal mats; some portion slightly weathered	A		100%
	13.4				-13 to 15 m 5 joints, thinner than 1 mm, dip ±50°, marked by iron oxide, joints are subparallel; -13.4 - 17.7 m block to dark gray mineralized limestone, brecciated but strong by cementation	B		100%
	17.7				hard, bluish limestone, no joints, thin styliolites, compact	A		
					joints, 50° dip, spacing 50 to 20 cm, filled by calcedony, calcite and iron oxide, hard	B		