



# I.1 DAILY RAINFALL DATA (40/72)

Station No.	Year	Month	Day																															Month Total					
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31						
20002	1978	1	0	0	85	33	6	45	66	0	0	16	94	2	0	17	86	50	41	0	97	29	0	4	41	0	0	0	0	8	7	0	0	0	0	727	2		
20002	1978	2	0	0	0	0	0	0	0	0	5	98	0	0	0	0	0	98	111	10	92	21	20	11	63	30	28	38	0	2	0	0	0	0	0	0	0	718	2
20002	1978	3	16	19	10	8	12	51	51	11	0	0	0	0	11	0	5	40	0	194	63	0	49	0	19	1	6	5	0	4	5	0	0	0	0	0	0	580	3
20002	1978	4	0	0	1	1	11	0	0	4	0	0	5	0	0	0	0	5	0	0	0	0	0	99	4	0	13	31	1	20	0	0	0	0	0	0	0	195	4
20002	1978	5	0	0	0	0	0	0	0	0	0	0	42	0	0	0	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0	0	0	0	58	5
20002	1978	6	0	0	23	0	0	0	0	0	0	0	5	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	34	6	
20002	1978	7	9	0	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	49	0	0	0	0	0	0	0	94	7	
20002	1978	8	0	0	0	0	0	0	11	89	0	0	0	0	0	6	0	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	35	186	8	
20002	1978	9	0	15	2	7	30	0	0	23	0	0	0	0	2	0	5	0	0	2	0	29	0	35	26	0	0	0	0	0	0	0	3	0	0	0	179	9	
20002	1978	10	0	0	0	0	0	0	0	0	0	0	50	0	7	0	0	59	2	60	0	0	0	32	27	0	9	56	40	63	29	443	10						
20002	1978	11	3	7	8	23	0	19	13	30	12	5	12	3	6	0	0	0	0	0	0	0	38	2	7	21	20	3	0	2	0	0	0	0	0	0	234	11	
20002	1978	12	45	27	14	15	12	0	84	94	4	15	31	63	29	0	9	3	3	0	0	0	5	40	1	5	37	2	6	0	5	1	1	1	1	551	12		
20002	1979	1	3	2	5	1	13	24	10	14	0	0	0	0	5	0	0	0	0	0	0	0	1	9	4	76	10	1	31	5	0	2	216	1					
20002	1979	2	33	5	1	0	4	0	57	63	0	8	7	0	27	15	75	2	3	11	45	10	8	21	4	0	0	0	0	0	0	0	0	0	0	399	2		
20002	1979	3	4	0	4	4	1	0	0	0	0	3	0	0	0	0	0	0	55	0	42	2	22	9	3	0	3	6	25	0	0	0	0	0	0	183	3		
20002	1979	4	26	27	3	0	0	0	6	0	13	7	9	0	0	0	0	0	0	2	7	93	20	67	45	24	16	11	32	0	11	45	0	0	0	464	4		
20002	1979	5	3	6	0	3	0	3	0	0	0	0	20	0	0	0	0	0	0	0	0	0	9	0	26	0	11	0	21	0	14	0	0	0	0	118	5		
20002	1979	6	9	18	0	0	15	0	19	0	0	18	42	0	0	2	3	0	18	5	0	0	1	0	0	5	0	1	0	0	6	0	0	0	0	162	6		
20002	1979	7	0	0	0	13	31	0	0	0	0	20	0	0	0	8	13	2	0	0	0	1	17	0	0	0	11	7	1	3	1	0	0	0	0	128	7		
20002	1979	8	0	0	0	0	2	3	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	78	0	1	0	0	2	1	0	0	0	0	0	89	8		
20002	1979	9	0	36	11	0	1	4	2	1	1	2	0	0	2	0	0	23	0	8	0	17	0	0	2	0	0	0	0	0	0	0	0	0	0	110	9		
20002	1979	10	0	1	0	0	27	4	3	14	4	0	27	7	0	49	0	0	2	16	0	3	2	0	17	0	31	1	0	12	79	2	32	333	10				
20002	1979	11	34	13	50	0	13	5	132	0	15	0	0	0	17	4	27	8	9	0	18	11	19	6	57	19	22	9	2	0	7	0	0	0	487	11			
20002	1979	12	4	1	4	11	9	23	1	0	0	61	12	16	28	0	5	9	71	23	1	0	0	0	28	0	1	0	0	1	41	8	356	12					
20002	1980	1	1	1	75	0	0	11	0	9	0	3	0	0	0	0	0	31	2	5	65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	203	1		
20002	1980	2	0	44	0	1	0	37	0	0	3	3	19	15	0	0	3	21	3	2	1	19	30	14	4	10	0	14	5	0	27	0	0	0	0	275	2		
20002	1980	3	0	0	0	0	0	14	0	27	0	11	14	1	0	7	0	14	5	0	22	57	29	7	1	0	64	3	3	2	5	1	0	0	0	287	3		
20002	1980	4	1	15	55	43	0	7	63	0	2	15	0	140	2	10	0	1	0	0	58	11	3	17	30	0	2	42	1	0	0	0	0	0	0	519	4		
20002	1980	5	0	3	12	90	25	0	0	57	0	3	1	0	0	0	23	0	0	0	0	0	0	6	0	0	2	61	0	0	7	21	311	5					
20002	1980	6	53	0	41	41	23	17	0	0	0	0	0	0	31	0	0	2	1	0	5	0	0	0	58	0	0	0	0	0	0	0	0	0	0	0	272	6	
20002	1980	7	18	0	0	0	0	0	0	1	0	0	0	0	0	3	0	0	27	0	0	19	16	47	0	10	43	5	0	0	0	0	0	0	0	189	7		
20002	1980	8	35	18	0	4	0	0	25	18	4	0	5	6	34	4	0	11	0	0	0	0	2	0	30	0	17	0	0	0	0	0	0	0	0	0	213	8	
20002	1980	9	0	13	0	21	12	0	14	0	8	1	0	7	0	0	8	0	0	5	0	12	5	0	0	0	13	67	4	1	0	0	0	0	0	191	9		
20002	1980	10	0	0	20	1	5	0	0	0	0	2	0	0	0	25	52	12	0	0	0	27	0	0	0	1	27	0	1	0	0	0	9	182	10				
20002	1980	11	16	24	0	1	0	4	35	23	1	1	1	81	6	5	0	3	1	34	22	14	0	2	5	1	0	12	8	23	0	0	0	0	323	11			
20002	1980	12	0	0	4	0	22	21	2	6	2	0	4	21	39	1	0	20	16	8	1	2	8	4	0	0	0	0	1	16	46	2	5	251	12				
20002	1981	1	97	1	18	19	0	5	0	0	0	0	0	2	9	0	0	0	25	29	0	9	47	1	21	15	0	0	0	0	0	0	0	0	0	298	1		
20002	1981	2	0	0	8	58	3	13	23	11	5	0	0	0	10	7	0	0	4	10	7	0	2	0	51	0	45	0	0	0	0	0	0	0	0	257	2		
20002	1981	3	0	0	0	22	31	8	9	5	0	25	8	0	19	19	0	3	0	0	24	2	19	0	23	0	2	0	11	1	0	0	23	254	3				
20002	1981	4	0	0	62	10	6	1	0	45	16	22	15	0	114	4	0	50	0	0	10	3	1	6	14	41	1	1	1	6	3	0	0	0	432	4			
20002	1981	5	0	0	5	0	14	47	1	22	1	0	5	0	0	0	2	0	5	5	62	15	0	7	1	15	0	9	6	2	1	0	0	0	225	5			
20002	1981	6	0	0	0	25	0	0	31	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	107	6		
20002	1981	7	0	0	0	0	0	0	0	0	0	2	22	28	1	20	12	9	0	39	0	0	0	45	0	0	0	0	0	9	6	4	0	0	0	197	7		
20002	1981	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	7	8		
20002	1981	9	2	3	6	0	0	0	13	17	0	52	0	2	47	2	13	0	5	29	2	0	0	20	33	0	35	0	0	0	0	0	0	0	0	281	9		
20002	1981	10	0	27	0	0	0	33	28	0	27	0	16	5	27	14	6	0	0	1	1	0	0	7	0	4	29	4	0	0	10	1	240	10					
20002	1981	11	0	31	68	0	0	0	0	0	7	0	2	65	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	60	0	0	0	0	0	237	11		
20002	1981	12	2	0	2	4	15	23	12	13	0	0	1	0	6	1	7	8	7	11	7	4	9	0	6	0	1	5	0	0	14	19	175	12					
20002	1982	1	13	39	17	12	7	0	1	1	2	23	1																										

## I.1 DAILY RAINFALL DATA (41/72)

Station No.	Year	Month	Day																															Month	
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31 Total		
20002	1984	1	14	0	0	0	5	9	13	12	40	6	4	0	0	25	1	4	36	0	66	32	1	0	14	0	5	0	0	7	8	0	8	310	1
20002	1984	2	5	0	0	0	7	18	12	1	0	0	0	0	57	17	0	64	0	7	7	0	0	21	26	5	6	7	18	23	0	0	0	301	2
20002	1984	3	12	3	4	96	10	0	0	0	8	1	11	14	14	0	5	5	0	2	9	0	49	2	45	3	9	45	3	9	3	18	4	384	3
20002	1984	4	7	0	0	25	60	2	24	45	0	23	9	36	42	1	8	0	0	27	10	0	0	10	0	12	15	5	0	0	0	0	361	4	
20002	1984	5	10	0	8	0	46	23	0	21	0	0	47	20	8	15	0	0	0	0	57	29	8	0	16	0	1	8	1	0	0	8	7	333	5
20002	1984	6	4	76	36	27	0	0	0	0	28	1	0	0	1	6	0	1	0	17	14	0	0	0	9	4	0	0	0	0	15	0	0	239	6
20002	1984	7	2	0	12	0	0	0	0	0	1	1	0	0	2	39	40	7	16	0	0	0	0	4	0	0	0	0	0	0	0	0	124	7	
20002	1984	8	0	15	1	51	1	3	5	0	0	0	1	2	0	0	0	0	26	0	0	2	4	0	37	5	0	0	29	0	14	5	6	207	8
20002	1984	9	2	5	0	6	0	0	20	1	0	0	15	0	26	2	0	1	14	2	3	80	0	3	3	0	7	5	0	0	13	0	0	208	9
20002	1984	10	5	34	0	28	0	0	4	0	0	7	28	6	20	1	30	0	8	0	75	0	3	0	6	0	0	0	7	1	18	0	0	281	10
20002	1984	11	7	2	5	2	8	2	0	7	5	28	0	0	17	14	0	0	0	4	0	0	40	0	4	41	0	3	0	8	0	0	197	11	
20002	1984	12	2	28	0	0	5	18	23	0	28	1	0	0	0	1	2	0	0	0	8	1	0	14	1	48	21	16	1	0	0	218	12		
20002	1985	1	0	57	11	25	5	82	7	3	4	39	0	0	0	0	0	0	0	0	0	0	0	3	6	22	0	3	17	55	2	2	73	416	1
20002	1985	2	1	0	2	0	0	34	13	0	0	0	13	1	0	2	0	0	0	0	0	0	7	0	0	0	0	2	0	0	0	0	0	75	2
20002	1985	3	3	7	4	28	6	0	18	11	14	33	28	5	0	6	41	0	42	0	15	11	3	0	0	10	0	0	0	11	0	46	342	3	
20002	1985	4	0	0	0	0	5	0	5	0	0	12	0	3	8	21	3	0	32	0	11	11	0	0	10	0	0	0	0	0	0	0	0	121	4
20002	1985	5	40	0	0	9	7	0	0	8	21	0	47	16	0	0	33	0	0	24	6	25	27	0	10	12	0	14	0	0	0	0	299	5	
20002	1985	6	0	0	0	0	0	0	0	0	0	1	19	1	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	0	0	41	6
20002	1985	7	0	41	0	5	20	0	0	10	0	0	6	2	0	6	0	0	0	24	21	0	0	20	5	0	0	0	0	0	0	0	160	7	
20002	1985	8	0	0	0	2	0	0	0	0	0	0	0	0	0	6	0	20	42	0	0	0	0	0	0	0	0	0	0	0	0	8	87	8	
20002	1985	9	11	6	3	0	0	0	0	0	0	28	9	0	0	0	0	0	0	21	0	0	0	0	3	16	7	73	0	3	0	0	180	9	
20002	1985	10	0	0	46	21	0	0	12	21	0	0	5	0	57	0	0	39	0	0	0	0	0	30	8	0	40	0	0	0	4	0	283	10	
20002	1985	11	4	3	20	0	0	0	0	0	0	0	0	6	36	20	2	0	0	6	0	7	5	0	0	0	0	0	10	0	28	0	147	11	
20002	1985	12	5	8	0	0	0	6	8	11	5	18	0	6	46	40	42	0	60	2	0	7	105	0	0	11	13	40	20	6	0	0	459	12	
20002	1986	1	7	6	0	20	21	41	32	12	36	9	3	0	0	0	8	0	7	0	0	0	76	0	0	0	0	0	2	3	0	12	13	308	1
20002	1986	2	0	0	0	0	10	22	6	13	20	5	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	91	2
20002	1986	3	0	0	33	36	25	16	12	0	0	6	83	0	0	0	0	0	0	0	100	11	19	0	2	0	0	0	0	0	0	0	343	3	
20002	1986	4	0	0	0	10	0	26	5	0	0	36	21	0	13	4	3	30	0	70	0	0	40	0	10	61	27	0	7	40	0	34	437	4	
20002	1986	5	7	59	50	60	2	5	0	0	0	0	0	0	0	0	0	0	19	0	0	0	0	0	0	0	0	1	0	0	0	0	203	5	
20002	1986	6	0	0	0	0	0	0	0	0	0	0	0	31	0	12	12	3	3	21	0	0	0	0	0	0	0	0	0	0	1	0	0	83	6
20002	1986	7	9	0	0	0	0	0	0	0	1	0	0	0	7	19	40	0	10	0	0	0	0	0	0	0	5	21	14	0	12	12	0	150	7
20002	1986	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	3	0	2	4	5	0	15	8
20002	1986	9	0	1	0	0	0	0	4	4	11	0	10	30	0	10	0	0	0	0	9	0	5	68	22	0	0	54	0	32	0	13	0	273	9
20002	1986	10	0	43	0	0	55	10	0	0	9	33	10	21	0	0	0	0	0	3	0	0	0	9	0	9	15	90	5	63	32	0	407	10	
20002	1986	11	47	0	0	9	0	0	7	31	0	0	0	0	0	0	0	0	0	4	22	54	0	0	63	47	34	0	33	0	8	4	0	363	11
20002	1986	12	0	5	9	60	59	0	2	56	21	10	0	24	3	16	0	0	0	0	0	0	7	19	7	10	36	0	3	19	0	0	17	383	12
20002	1987	1	4	3	0	11	20	20	16	12	18	4	2	0	0	0	10	8	10	3	0	0	42	0	12	4	27	3	11	0	6	8	254	1	
20002	1987	2	0	0	0	0	0	0	4	3	0	16	29	18	11	0	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	105	2	
20002	1987	3	0	0	13	21	23	20	16	10	8	4	23	10	5	0	2	0	14	0	0	0	0	24	15	0	0	0	0	0	0	0	208	3	
20002	1987	4	1	4	0	0	8	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	5	5	36	0	6	0	75	4
20002	1987	5	1	0	61	0	18	0	0	8	4	3	4	0	0	12	27	0	0	0	0	0	0	0	36	16	0	0	27	0	0	0	217	5	
20002	1987	6	3	0	0	73	0	1	0	0	0	0	0	0	0	2	0	30	10	0	0	0	0	0	10	0	24	0	0	0	0	0	153	6	
20002	1987	7	8	0	0	0	0	0	0	0	0	5	3	0	0	7	0	0	0	9	0	0	17	0	0	0	0	8	11	6	0	0	74	7	
20002	1987	8	0	0	0	6	8	0	0	0	0	0	0	4	0	0	57	0	0	20	0	0	0	0	0	0	0	3	0	0	1	0	99	8	
20002	1987	9	0	0	0	0	46	1	0	0	0	0	0	0	0	19	0	0	25	0	0	0	2	0	0	12	0	7	12	0	0	124	9		
20002	1987	10	5	8	0	2	0	0	0	0	0	0	63	0	0	0	56	0	0	0	0	0	0	10	0	4	0	0	5	18	0	6	177	10	
20002	1987	11	16	0	16	34	0	0	0	18	53	15	0	0	0	0	0	0	0	0	0	0	27	41	0	2	0	0	0	0	21	0	243	11	
20002	1987	12	4	0	0	0	13	21	0	0	0	8	15	9	0	0	3	0	3	0	12	0	0	3	0	0	0	0	14	0	0	0	105	12	
20002	1988	1	0	0	0	0	2	20	0	0	0	0	0	0	0	0	20	9	21	0	0	0	0	8	0	24	9	54	4	19	1	0	191	1	
20002	1988	2	4	8	0	0	0	0	0	0	0	0	0	2	4	2	21	0	0	30	0	25	0	0	13	21	8	0	0	2	2	0	142	2	
20002	1988	3	0	0	0	7	21	20	3	79	0	0	26	3	0	0	2	4	9	0	4	0	0	27	2	0	2	0	0	0	0	0	209	3	
20002	1988	4	0	3	28	5	3	0	0	31	0	0	0																						

# I.1 DAILY RAINFALL DATA (42/72)

Station No.	Year	Month	Day																															Month			
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		Total		
20002	1990	1	0	0	0	0	0	0	0	0	11	0	0	0	0	3	6	12	18	0	5	0	0	0	31	12	10	0	0	0	0	0	0	0	0	106	1
20002	1990	2	3	0	0	0	0	0	0	12	5	0	0	0	0	0	24	5	10	0	0	0	0	0	6	14	42	0	5	0	0	0	0	0	0	126	2
20002	1990	3	0	15	16	51	10	0	0	0	24	26	3	0	0	0	2	0	0	0	0	0	0	0	0	27	32	0	0	0	0	0	0	0	0	206	3
20002	1990	4	22	17	6	0	10	0	0	0	0	0	0	16	54	21	0	0	0	0	0	0	0	4	0	0	0	0	17	2	0	0	0	0	169	4	
20002	1990	5	67	22	0	21	8	38	7	0	0	0	0	0	4	0	78	0	11	10	0	0	0	0	0	0	0	0	0	0	19	0	0	0	285	5	
20002	1990	6	0	0	0	0	3	0	3	0	5	0	0	0	0	0	0	0	0	0	0	0	0	20	2	0	0	0	0	0	0	0	0	0	33	6	
20002	1990	7	0	4	0	0	3	39	0	4	8	3	4	0	20	8	0	0	1	3	0	2	0	0	49	4	0	48	20	0	0	0	0	0	220	7	
20002	1990	8	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	32	61	0	32	1	0	0	134	8		
20002	1990	9	38	14	12	0	0	2	19	5	9	0	0	0	0	0	12	0	6	0	0	0	8	2	0	3	12	0	0	0	0	0	0	142	9		
20002	1990	10	8	4	0	6	0	0	6	0	0	0	0	22	0	0	0	4	1	17	31	14	8	0	0	15	6	0	8	0	0	3	153	10			
20002	1990	11	18	2	0	4	0	12	0	14	2	0	0	0	0	0	0	11	10	2	8	0	12	0	0	25	0	0	8	0	0	0	128	11			
20002	1990	12	32	25	11	15	37	0	0	2	4	0	36	28	5	26	32	12	12	6	50	55	36	0	0	0	6	7	15	25	3	480	12				
20002	1991	1	15	17	35	3	36	0	0	0	0	0	0	16	17	75	23	24	2	2	0	10	0	17	0	7	0	11	82	0	0	0	392	1			
20002	1991	2	4	4	0	11	8	0	0	0	0	0	0	46	3	7	20	0	0	0	0	0	2	0	0	0	70	4	0	0	0	0	179	2			
20002	1991	3	0	15	0	0	0	0	0	0	0	8	0	25	15	0	27	0	0	0	8	0	10	0	0	64	0	50	0	42	2	50	29	345	3		
20002	1991	4	35	2	40	5	41	0	12	8	0	7	1	0	18	0	22	7	0	0	10	6	0	0	5	2	0	0	0	0	21	0	242	4			
20002	1991	5	13	0	0	0	28	5	0	0	0	0	5	10	1	0	13	0	17	0	5	5	0	0	0	0	0	2	37	21	0	162	5				
20002	1991	6	24	5	0	0	0	0	0	0	7	0	0	0	0	18	5	0	0	0	0	0	0	0	0	10	21	0	0	0	0	90	6				
20002	1991	7	0	0	1	0	0	0	0	0	31	0	0	0	0	0	0	0	0	22	0	0	3	0	0	0	0	0	0	0	0	0	57	7			
20002	1991	8	19	0	0	0	0	0	0	0	0	0	59	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	85	8			
20002	1991	9	24	2	6	0	0	0	0	0	0	0	0	0	2	0	2	0	19	0	0	0	3	7	0	0	0	0	0	0	0	0	65	9			
20002	1991	10	0	0	0	0	0	0	0	0	0	0	0	0	6	2	2	0	0	11	0	0	0	0	13	0	0	10	0	8	52	10					
20002	1991	11	0	6	31	9	60	41	3	0	0	7	52	51	0	32	12	9	6	7	6	2	4	1	15	19	77	22	0	2	61	0	535	11			
20002	1991	12	4	22	3	6	8	19	2	1	2	0	8	4	25	5	49	2	84	11	17	31	18	0	3	5	1	42	29	19	13	4	0	437	12		
20002	1992	1	0	25	0	1	40	19	2	1	0	0	0	0	0	7	24	37	11	23	20	1	13	0	0	0	2	14	14	21	0	275	1				
20002	1992	2	37	31	0	0	8	56	16	7	5	0	0	0	0	0	0	7	0	0	0	6	11	0	0	4	3	0	15	0	0	206	2				
20002	1992	3	5	0	0	0	10	77	2	31	1	0	0	0	12	0	0	0	0	0	0	7	8	0	14	8	0	0	21	4	0	200	3				
20002	1992	4	0	0	0	0	0	8	35	0	11	0	10	10	0	0	0	7	0	35	0	0	0	15	12	0	4	0	4	17	0	168	4				
20002	1992	5	0	0	7	15	0	0	3	8	21	0	0	0	16	0	0	5	0	0	10	0	12	0	0	7	0	0	0	8	112	5					
20002	1992	6	0	34	5	2	25	0	0	0	0	0	0	5	0	0	25	0	0	15	0	0	0	7	0	0	0	2	0	0	120	6					
20002	1992	7	0	0	0	0	12	0	0	0	0	0	5	0	60	0	53	0	0	0	0	0	0	0	0	21	0	0	11	31	4	197	7				
20002	1992	8	0	8	0	0	0	0	0	0	0	0	0	3	0	9	19	0	0	0	0	0	0	5	0	0	0	0	0	0	0	44	8				
20002	1992	9	0	0	0	0	0	5	0	5	0	30	0	0	10	0	31	13	10	0	0	0	40	35	3	0	0	0	0	0	182	9					
20002	1992	10	0	8	15	21	6	4	16	0	0	20	0	0	20	0	0	16	52	2	0	0	0	6	6	0	0	0	0	8	201	10					
20002	1992	11	18	56	38	0	11	50	32	9	13	0	26	0	0	0	0	19	2	56	7	32	3	4	15	8	17	20	0	8	2	0	446	11			
20002	1992	12	0	10	0	9	0	0	0	0	0	13	12	6	33	0	4	25	0	0	13	11	2	0	14	0	20	0	0	11	0	17	15	215	12		

## I.1 DAILY RAINFALL DATA (43/72)

Station No.	Year	Month	Day																															Month	
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
20004	1979	1	0	8	11	0	0	1	0	2	0	0	0	0	0	0	0	0	1	0	1	4	11	8	0	0	0	0	0	0	0	0	47	1	
20004	1979	2	0	0	0	0	4	1	8	3	0	0	4	0	0	4	19	0	26	0	2	5	64	0	0	0	0	0	1	0	0	0	141	2	
20004	1979	3	0	0	0	0	0	0	0	0	0	0	0	0	16	0	0	8	0	0	0	1	0	3	9	0	41	7	2	0	2	0	12	101	3
20004	1979	4	2	1	1	14	0	21	0	0	3	2	0	0	0	7	1	0	0	0	3	0	0	0	48	1	1	5	0	4	0	0	114	4	
20004	1979	5	49	8	0	0	64	0	0	8	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	128	0	0	0	8	0	0	275	5	
20004	1979	6	0	0	0	1	11	0	0	0	0	2	0	0	6	12	5	0	0	13	0	0	0	2	0	0	0	1	0	0	0	41	0	94	6
20004	1979	7	0	0	35	4	0	0	3	0	0	6	41	0	0	3	0	0	0	0	0	0	0	60	0	0	0	2	0	4	0	0	158	7	
20004	1979	8	0	0	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	46	0	0	6	0	0	0	78	8	
20004	1979	9	0	0	0	1	29	1	5	1	15	0	0	0	0	0	16	0	21	31	4	18	2	3	0	0	5	3	0	0	0	0	155	9	
20004	1979	10	0	0	0	0	0	0	3	41	0	32	0	0	0	7	11	0	22	0	1	4	5	0	0	0	10	0	11	35	26	208	10		
20004	1979	11	9	1	3	5	0	0	15	0	24	8	0	0	5	0	53	12	0	31	5	0	34	1	32	0	32	3	0	0	3	0	276	11	
20004	1979	12	0	0	51	0	16	7	0	0	0	38	0	4	1	0	12	18	4	0	0	0	0	0	0	0	0	0	0	0	0	0	151	12	
20004	1980	1	0	0	0	4	7	11	0	2	0	0	0	0	0	0	0	0	0	0	32	2	0	0	0	0	0	0	0	0	0	0	58	1	
20004	1980	2	0	0	0	4	0	0	0	0	0	0	0	0	0	13	0	3	0	0	1	16	20	0	8	9	0	11	0	0	0	0	85	2	
20004	1980	3	0	9	13	0	0	0	0	5	0	22	10	0	7	36	35	10	22	0	0	80	20	0	1	1	0	0	0	0	0	19	290	3	
20004	1980	4	0	0	0	8	9	0	23	0	0	3	0	0	15	10	2	0	54	1	0	40	0	0	1	24	0	0	4	18	0	0	210	4	
20004	1980	5	0	0	19	5	7	0	34	0	43	0	12	0	0	5	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	130	5		
20004	1980	6	0	0	4	8	5	0	10	0	0	0	0	0	18	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	53	6	
20004	1980	7	17	0	0	6	0	0	0	0	0	0	0	0	0	29	0	13	5	0	1	0	51	0	0	4	0	0	0	0	0	128	7		
20004	1980	8	0	0	7	29	0	0	4	8	5	0	0	37	0	23	0	13	0	8	7	4	0	0	0	0	0	0	0	0	0	31	176	8	
20004	1980	9	0	3	0	15	53	0	28	0	0	0	25	0	0	0	4	0	5	2	0	17	0	0	0	12	45	3	0	0	0	212	9		
20004	1980	10	0	0	19	9	0	0	0	0	8	31	0	0	0	0	0	24	0	40	0	0	0	0	23	22	0	15	0	6	30	227	10		
20003	1980	11	13	19	3	9	0	0	0	41	0	8	0	5	0	0	5	40	11	0	23	22	0	0	0	15	0	0	0	0	0	214	11		
20004	1980	12	0	0	8	10	1	33	25	20	22	1	0	1	0	0	1	0	0	0	0	0	32	0	0	2	0	6	18	18	0	196	12		
20004	1981	1	0	9	0	0	0	25	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43	1	
20004	1981	2	0	38	11	0	0	4	0	0	0	0	0	7	4	8	0	0	0	0	0	0	0	0	4	9	0	0	0	0	0	0	85	2	
20004	1981	3	0	0	0	27	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	14	0	0	0	52	3	
20004	1981	4	27	0	0	0	0	0	0	10	4	0	3	0	9	8	0	0	0	25	18	5	0	0	4	2	0	0	0	5	0	0	120	4	
20004	1981	5	22	0	0	0	0	0	0	0	0	0	0	0	0	0	24	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	56	5	
20004	1981	6	0	11	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	16	0	0	6	0	0	0	48	6		
20004	1981	7	0	0	0	15	0	0	0	0	68	0	30	0	0	0	0	0	38	0	0	0	0	0	58	38	29	0	0	0	0	0	276	7	
20004	1981	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	10	0	0	0	0	0	0	0	32	8	
20004	1981	9	0	0	0	0	10	35	10	0	23	0	0	17	9	14	4	6	0	16	0	0	9	0	0	4	13	0	0	0	0	170	9		
20004	1981	10	0	0	0	0	17	10	10	0	2	0	0	0	10	0	11	1	0	0	5	0	0	7	0	5	9	8	0	0	0	0	95	10	
20004	1981	11	0	15	15	0	0	0	0	4	18	0	0	0	0	0	0	4	10	0	0	0	0	8	0	8	0	0	0	0	0	0	82	11	
20004	1981	12	4	0	10	2	3	15	7	0	11	0	0	0	10	18	9	0	0	4	0	0	0	0	0	0	0	0	0	0	15	106	12		
20004	1982	1	8	4	10	0	2	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	1	
20004	1982	2	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	3	0	0	0	11	0	7	0	0	0	0	0	0	0	29	2	
20004	1982	3	0	18	6	0	11	0	41	0	0	0	41	0	0	0	40	0	8	21	0	0	0	0	11	0	0	9	0	0	0	208	3		
20004	1982	4	61	0	40	0	10	0	15	11	0	10	0	10	0	20	0	10	0	13	0	0	15	0	10	12	0	36	0	0	0	273	4		
20004	1982	5	0	0	17	0	0	18	0	0	8	0	0	6	0	6	0	8	10	0	0	0	0	0	0	0	0	7	0	30	110	5			
20004	1982	6	0	0	8	0	9	0	0	0	39	0	0	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0	0	0	0	76	6		
20004	1982	7	0	0	0	0	0	0	12	0	0	0	0	17	0	0	0	25	0	11	0	0	0	0	0	0	0	0	0	0	0	65	7		
20004	1982	8	0	0	0	12	0	0	0	0	0	0	0	50	37	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	117	8		
20004	1982	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0	0	0	11	0	0	0	0	0	0	0	0	11	9		
20004	1982	10	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	51	74	10		
20004	1982	11	0	0	0	0	0	0	13	6	0	0	0	0	0	0	16	21	16	0	0	11	0	0	8	0	6	0	0	0	0	80	12		
20004	1982	12	0	0	0	31	0	0	0	0	0	0	0	0	0	31	0	0	0	0	0	0	0	0	0	18	0	0	0	0	0	80	12		
20004	1983	1	0	0	3	0	0	0	0	0	4	10	6	25	0	20	10	3	86	38	0	19	0	39	9	0	3	2	7	0	0	284	1		
20004	1983	2	14	20	0	0	0	17	24	0	0	0	0	45	10	5	0	0	26	8	0	0	3	5	0	0	0	0	0	0	177	2			
20004	1983	3	0	6	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	11	0	0	0	23	3			
20004	1983	4	0	70	12	0	0	0	0	0	0	0	0	0	0	0	6	50	0	0	0	0	37	5	22	0	10	0	0	0	212	4			
20004	1983	5	8	0	0	0	49	0	2	0	0	55	0	2	0	0	0	0	0	0	4	0	0	4	3	0	0	0	0	0	127	5			
20004	1983	6	0																																

# I.1 DAILY RAINFALL DATA (44/72)

Station No.	Year	Month	Day																															Month total		
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
20004	1985	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36	1	
20004	1985	2	0	0	0	0	0	0	0	0	0	0	32	4	0	93	0	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	187	2
20004	1985	3	0	6	12	0	17	0	4	0	0	0	0	40	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	89	3
20004	1985	4	0	0	5	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	4	
20004	1985	5	0	0	0	0	0	12	0	0	0	0	0	0	8	0	23	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	55	5	
20004	1985	6	0	0	0	0	0	9	0	0	0	0	0	0	7	0	0	0	12	0	0	10	0	0	0	0	0	0	0	0	5	0	0	43	6	
20004	1985	7	0	0	0	0	0	0	0	0	0	8	0	16	0	0	0	0	0	0	0	9	0	0	3	0	0	0	0	0	0	0	0	36	7	
20004	1985	8	0	20	0	0	18	0	0	0	0	10	5	0	0	0	0	3	0	0	14	3	0	0	0	10	0	0	0	0	0	6	89	8		
20004	1985	9	0	0	0	0	0	0	10	0	0	0	0	8	0	0	6	0	0	5	7	0	8	0	12	0	0	4	0	0	0	60	9			
20004	1985	10	0	0	0	0	0	0	0	0	0	7	0	0	10	0	15	0	0	0	0	0	15	0	0	55	0	0	12	0	0	114	10			
20004	1985	11	0	0	0	0	10	0	0	0	0	0	38	5	0	0	0	11	0	35	0	37	0	0	0	16	0	28	0	0	0	180	11			
20004	1985	12	0	11	0	0	0	0	19	10	0	83	12	44	0	0	18	26	0	3	0	9	10	0	0	0	0	0	0	0	0	0	248	12		
20004	1986	1	0	0	0	0	49	37	58	38	73	13	22	0	0	0	0	10	0	12	0	0	0	0	0	0	0	0	0	0	0	0	312	1		
20004	1986	2	0	24	15	16	0	0	0	0	0	0	0	0	0	0	88	0	19	0	10	0	0	0	0	0	0	0	0	0	0	0	172	2		
20004	1986	3	0	22	13	15	100	0	25	40	0	0	11	0	0	0	0	18	0	40	20	0	28	0	6	0	0	7	38	381	3					
20004	1986	4	0	35	0	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	0	0	132	4			
20004	1986	5	15	0	21	26	19	12	0	5	52	0	0	0	0	16	0	0	0	0	0	0	0	0	0	18	0	0	0	0	0	184	5			
20004	1986	6	0	0	14	0	27	0	0	0	0	17	0	0	0	5	0	17	0	0	0	0	0	0	0	0	0	0	0	0	0	80	6			
20004	1986	7	4	0	0	0	0	0	0	0	0	10	0	0	40	0	0	0	0	0	0	15	0	12	0	0	0	23	0	0	104	7				
20004	1986	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	15	0	0	0	0	0	36	8				
20004	1986	9	0	0	26	0	0	4	0	17	0	12	0	0	0	0	0	0	0	0	17	0	30	39	0	0	0	0	29	0	0	174	9			
20004	1986	10	0	0	11	0	14	0	10	8	0	44	16	0	0	0	6	0	0	11	58	5	0	0	0	0	26	0	0	0	209	10				
20004	1986	11	0	21	0	0	51	0	0	18	0	0	0	11	0	0	0	0	42	0	31	0	90	5	0	5	0	6	0	0	280	11				
20004	1986	12	0	0	48	0	0	0	0	0	9	45	11	0	0	0	17	0	26	0	0	0	0	16	11	0	0	0	0	0	183	12				
20004	1987	1	0	0	0	0	0	0	14	0	47	0	24	0	72	0	0	8	0	0	0	23	0	8	0	61	0	0	12	24	293	1				
20004	1987	2	0	0	15	0	10	0	0	0	0	11	0	0	0	0	0	0	0	0	9	0	0	0	0	12	0	0	0	0	57	2				
20004	1987	3	0	0	0	0	0	0	0	0	0	0	0	0	16	0	17	0	0	0	0	0	0	0	0	0	0	0	0	0	37	3				
20004	1987	4	12	15	0	0	0	0	41	0	0	0	0	0	0	0	9	0	0	0	5	26	0	33	68	10	0	0	0	217	4					
20004	1987	5	0	0	8	0	0	0	19	0	0	0	0	0	9	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	47	5				
20004	1987	6	0	0	9	0	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51	6				
20004	1987	7	0	0	0	0	0	8	0	0	0	0	0	0	0	16	0	0	0	0	30	0	47	0	15	0	0	0	0	116	7					
20004	1987	8	0	0	0	8	0	0	0	0	0	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	35	8				
20004	1987	9	0	0	0	0	0	0	10	0	0	41	0	16	0	0	0	0	0	30	10	0	0	15	17	0	0	0	0	139	9					
20004	1987	10	0	0	0	0	0	0	0	21	0	17	0	51	0	12	0	18	0	0	0	0	0	27	21	0	0	32	199	10						
20004	1987	11	0	32	11	22	0	0	21	24	32	9	0	0	0	0	39	0	17	0	11	22	24	0	88	21	0	0	0	373	11					
20004	1987	12	30	0	0	0	54	0	0	23	0	0	0	0	22	0	0	12	0	13	0	0	0	0	0	0	21	0	0	175	12					
20004	1988	1	0	0	0	9	11	45	0	0	0	0	0	0	42	11	0	0	0	0	0	0	33	0	25	22	44	0	0	242	1					
20004	1988	2	10	16	0	0	19	0	0	0	0	0	0	0	0	21	22	0	0	0	22	0	0	0	0	0	0	0	0	110	2					
20004	1988	3	21	64	9	0	0	12	23	10	0	0	0	0	21	23	18	0	0	27	0	24	7	0	0	0	0	0	14	382	3					
20004	1988	4	0	0	0	0	53	22	0	0	0	0	0	0	0	22	0	0	0	21	0	0	0	11	0	0	43	0	0	172	4					
20004	1988	5	0	0	0	0	0	0	0	0	0	0	46	0	0	50	45	0	0	0	0	0	0	0	0	0	0	0	0	141	5					
20004	1988	6	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	22	0	0	45	6					
20004	1988	7	0	19	0	9	0	8	0	22	0	0	0	0	0	0	0	0	0	0	0	0	25	0	0	0	0	0	0	83	7					
20004	1988	8	0	0	0	0	53	0	0	0	0	0	0	0	34	0	0	0	0	0	22	0	13	0	38	0	0	0	158	8						
20004	1988	9	0	0	21	0	0	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	55	0	0	0	139	9						
20004	1988	10	43	0	0	0	84	0	0	0	0	0	0	0	23	32	0	0	26	0	0	0	0	0	0	0	0	0	0	208	10					
20004	1988	11	0	0	70	0	0	0	6	0	0	0	0	0	78	10	0	2	0	39	0	0	0	0	20	4	0	0	229	11						
20004	1988	12	0	0	0	72	12	11	0	20	2	0	0	0	9	10	9	0	14	0	15	0	0	22	0	0	0	0	0	187	12					

## 1.1 DAILY RAINFALL DATA (45/72)

Station No.	Year	Month	Day																															Month		
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		total	
20007	1980	1	28	0	0	0	0	5	17	0	0	0	0	7	53	4	0	0	0	17	23	16	0	0	0	34	8	16	0	21	0	0	0	249	1	
20007	1980	2	0	0	21	5	0	45	21	5	0	0	0	18	21	0	0	0	0	0	0	8	4	0	0	0	0	0	0	0	0	0	0	148	2	
20007	1980	3	1	0	15	6	14	1	0	8	24	0	0	0	0	0	0	44	5	36	31	1	0	0	5	2	0	0	1	1	57	25	1	0	278	3
20007	1980	4	10	4	1	2	2	12	5	25	57	3	0	3	0	7	5	2	11	0	0	17	2	9	2	22	0	17	5	0	0	5	0	228	4	
20007	1980	5	10	2	0	12	12	0	0	0	15	7	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	21	5	0	5	5	101	5	
20007	1980	6	5	0	40	0	1	9	19	0	0	0	0	0	64	0	0	0	0	0	0	0	0	0	0	36	1	0	0	13	0	0	188	6		
20007	1980	7	0	44	0	0	0	0	0	0	30	0	0	0	10	2	1	55	0	0	0	17	2	0	1	0	64	0	0	0	0	0	226	7		
20007	1980	8	2	0	0	3	0	0	0	0	0	0	0	11	16	25	0	0	4	0	0	0	2	0	0	0	0	0	0	4	0	0	67	8		
20007	1980	9	1	0	0	1	3	0	15	0	0	0	14	0	0	15	0	0	0	43	1	0	9	18	0	0	41	21	5	4	1	0	192	9		
20007	1980	10	0	0	10	30	10	14	29	5	20	11	19	0	3	59	18	7	1	0	0	1	0	0	1	0	12	1	1	12	0	0	264	10		
20007	1980	11	1	7	6	8	0	2	22	22	1	7	15	11	16	0	0	47	4	44	22	1	0	0	22	9	0	1	0	2	0	0	270	11		
20007	1980	12	1	19	0	4	4	4	0	1	10	3	4	0	5	3	7	0	16	2	3	5	8	1	13	33	35	5	0	2	0	0	188	12		
20007	1981	1	75	5	90	4	0	20	6	13	8	0	0	0	2	0	7	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	235	1	
20007	1981	2	0	9	1	17	2	5	2	0	0	0	1	0	38	14	0	0	3	7	0	0	0	0	0	38	0	85	0	0	0	0	222	2		
20007	1981	3	0	0	0	21	13	2	1	0	7	2	5	0	2	0	0	0	0	17	0	0	0	3	16	0	0	2	10	9	1	0	111	3		
20007	1981	4	9	4	0	6	58	3	1	18	8	8	1	0	54	4	19	0	0	0	46	72	0	0	0	19	0	26	0	13	10	0	379	4		
20007	1981	5	0	2	9	0	0	14	0	4	1	0	14	5	8	0	9	0	2	16	28	0	0	54	0	0	13	0	0	0	0	2	181	5		
20007	1981	6	0	2	0	0	0	0	0	66	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	89	6		
20007	1981	7	0	6	0	26	0	0	10	33	26	0	7	43	9	16	7	22	0	1	25	0	0	0	0	0	13	0	0	0	0	0	244	7		
20007	1981	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	15	0	0	0	0	0	2	1	7	4	0	0	0	0	30	8			
20007	1981	9	19	6	0	0	0	31	36	21	0	47	1	2	7	4	1	0	5	19	0	0	0	6	0	16	9	0	0	0	0	230	9			
20007	1981	10	0	0	0	15	12	4	22	2	100	0	0	46	0	4	2	0	0	3	0	3	0	2	28	39	0	2	4	0	7	295	10			
20007	1981	11	12	1	0	0	0	0	0	0	17	0	0	0	0	0	0	4	1	0	0	19	1	0	0	0	0	0	0	0	0	0	55	11		
20007	1981	12	3	8	14	19	2	1	0	1	5	0	4	3	0	20	5	26	8	0	21	1	1	0	5	0	0	0	2	0	14	15	178	12		
20007	1982	1	35	0	0	5	2	2	0	0	2	1	22	1	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	1	0	0	74	1		
20007	1982	2	0	53	4	63	1	0	0	49	3	2	7	0	0	0	0	0	0	0	0	0	0	41	0	10	0	0	0	0	0	233	2			
20007	1982	3	0	0	3	36	55	1	10	20	11	0	12	0	0	0	33	1	24	0	5	0	15	21	0	26	22	7	0	0	60	362	3			
20007	1982	4	0	0	24	7	21	4	0	102	1	70	5	0	60	0	2	0	0	1	97	0	2	1	11	4	0	0	8	5	0	0	425	4		
20007	1982	5	10	1	0	0	18	3	16	0	7	0	0	0	0	2	27	0	0	2	15	0	0	15	0	0	0	1	14	11	45	0	10	297	5	
20007	1982	6	8	0	0	0	2	0	0	0	0	0	0	0	0	8	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	26	6	
20007	1982	7	0	0	0	0	0	0	0	0	0	0	0	0	4	2	5	22	0	15	0	0	0	14	17	0	0	0	0	0	0	79	7			
20007	1982	8	0	0	0	25	0	0	0	45	1	60	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	9	13	155	8			
20007	1982	9	0	0	0	0	0	0	0	0	0	0	12	10	0	0	8	0	0	0	0	0	0	12	0	0	0	2	6	0	0	50	9			
20007	1982	10	49	4	0	0	0	6	1	33	78	0	0	9	11	0	20	0	0	0	1	0	7	1	0	7	4	0	3	59	2	295	10			
20007	1982	11	0	0	0	1	36	4	15	1	0	0	31	8	0	1	4	0	1	5	19	22	9	3	5	3	34	1	1	0	8	0	213	11		
20007	1982	12	0	4	0	0	0	0	0	4	2	68	0	7	7	0	20	1	15	6	5	17	8	72	7	78	45	29	14	0	5	414	12			
20007	1983	1	0	0	0	2	0	0	9	0	3	20	13	5	1	3	8	12	15	8	0	0	1	0	0	1	5	0	0	0	0	104	1			
20007	1983	2	0	0	15	0	0	0	0	0	2	0	0	0	1	0	0	25	0	0	8	0	12	0	0	6	0	0	0	0	0	69	2			
20007	1983	3	0	0	0	0	0	0	0	0	4	0	0	12	0	0	0	23	0	7	0	0	0	25	0	0	0	0	0	0	0	71	3			
20007	1983	4	24	0	0	0	22	0	15	0	0	0	0	0	0	2	0	70	2	42	0	5	0	32	0	22	0	0	0	0	0	236	4			
20007	1983	5	3	0	0	11	11	0	0	6	2	10	2	0	0	2	0	19	30	1	0	0	13	2	0	0	2	0	31	0	0	145	5			
20007	1983	6	3	0	0	3	0	0	0	0	1	0	0	2	1	10	0	0	5	0	0	0	0	3	0	0	0	0	0	0	0	28	6			
20007	1983	7	0	0	34	50	0	59	0	0	0	0	43	1	26	0	0	0	0	24	0	3	0	0	1	0	0	0	1	9	16	0	267	7		
20007	1983	8	34	0	9	0	1	0	0	0	4	0	0	0	5	0	0	0	0	0	0	5	17	0	0	0	0	0	0	0	0	75	8			
20007	1983	9	0	1	0	9	8	0	0	9	4	0	1	1	9	1	0	0	13	0	0	0	0	42	2	6	0	0	0	0	0	106	9			
20007	1983	10	31	0	0	0	9	16	6	0	0	15	12	0	0	0	11	1	14	21	15	0	0	1	14	0	26	0	45	19	0	256	10			
20007	1983	11	13	8	12	1	7	2	0	1	15	34	21	0	0	2	22	0	0	0	0	0	1	2	4	0	38	34	9	3	2	231	11			
20007	1983	12	13	0	3	4	1	0	12	1	0	0	50	5	19	10	8	17	0	6	4	11	0	0	0	6	0	0	0	0	12	0	277	12		
20007	1984	1	1	0	0	0	3	1	0	12	2	11	7	5	17	3	45	0	4	0	6	2	4	0	0	9	9	2	1	0	0	144	1			
20007	1984	2	7	0	0	0	18	16	2	10	0	0	0	0	26	0	0	18	0	0	0	0	0	3	6	3	24	34	6	7	0	178	2			
20007	1984	3	20	15	13	7	0	0	0	18	0	0	35	11	4	84	10	82	0	24	1	0	0	2	1	4	83	3	0	57	18	0	492	3		
20007	1984	4	5	25	1	20	18	8	5	93	12	1	0	1	62	0	46	0	7	12	0	19	0	4	0	5	1	0	0	0	7	0	352	4		
20007	1984	5	60	2	16	6	0	0	10	27	0	64	0																							

# I.1 DAILY RAINFALL DATA (46/72)

Station No.	Year	Month	Day																															Month			
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
20007	1986	1	0	25	4	9	15	31	2	30	50	5	0	0	0	0	0	0	28	2	4	0	0	0	0	4	0	2	3	0	0	0	25	11	250	1	
20007	1986	2	9	0	27	0	34	0	0	0	0	0	0	0	0	2	2	13	1	0	0	0	54	0	0	0	0	0	0	0	0	0	0	0	0	142	2
20007	1986	3	1	22	23	36	0	7	9	5	3	5	11	6	0	23	0	10	0	17	2	0	0	25	0	0	0	5	7	0	8	0	0	0	225	3	
20007	1986	4	0	4	25	0	0	0	3	0	0	35	0	17	40	9	10	44	28	0	23	1	16	0	6	0	2	0	0	0	22	30	0	315	4		
20007	1986	5	6	0	25	0	3	8	28	8	0	0	0	0	0	0	12	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	105	5	
20007	1986	6	0	0	15	5	25	3	0	1	0	11	0	0	0	8	1	0	0	0	0	0	0	0	0	0	0	0	1	0	9	18	0	97	6		
20007	1986	7	0	1	3	0	0	0	0	0	0	26	48	0	0	38	0	0	0	0	0	0	0	0	17	39	11	4	0	0	0	0	0	0	187	7	
20007	1986	8	0	0	28	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	8	
20007	1986	9	24	0	0	0	0	0	0	0	0	0	0	19	0	0	37	5	0	0	1	0	19	0	0	30	3	65	41	2	2	37	0	0	285	9	
20007	1986	10	15	9	4	6	0	1	0	3	16	16	6	6	0	0	9	0	22	37	1	4	0	23	5	0	0	7	0	4	28	3	35	260	10		
20007	1986	11	6	5	11	5	0	0	33	0	0	0	0	0	0	1	0	0	4	2	45	0	8	2	0	0	29	19	0	0	0	0	0	0	170	11	
20007	1986	12	0	14	11	0	0	9	6	7	4	0	32	0	0	0	0	12	0	0	10	23	0	0	10	5	1	0	21	0	6	1	172	12			
20007	1987	1	0	0	0	0	0	9	3	60	35	27	2	7	1	0	0	5	0	28	3	2	0	1	3	0	0	0	1	2	0	189	1				
20007	1987	2	0	3	0	0	0	1	0	0	0	0	0	0	0	0	6	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	2	
20007	1987	3	0	5	0	2	13	0	0	0	12	15	2	34	0	8	71	8	0	36	3	0	1	0	0	0	0	0	9	4	11	234	3				
20007	1987	4	8	5	5	0	6	1	0	1	49	0	0	0	0	0	0	0	0	0	4	27	2	2	33	0	73	12	7	8	0	0	0	243	4		
20007	1987	5	2	13	0	52	0	0	0	21	6	0	0	10	20	0	43	10	0	0	2	12	0	2	1	62	0	84	8	0	3	1	352	5			
20007	1987	6	0	7	5	0	8	0	0	0	0	0	0	0	1	0	27	0	2	0	0	0	0	0	0	21	0	0	0	22	84	0	177	6			
20007	1987	7	0	0	0	0	0	0	0	0	0	0	4	5	0	1	0	0	0	1	0	0	0	0	13	0	7	8	0	0	2	41	7				
20007	1987	8	3	3	5	5	0	0	0	0	0	0	2	24	60	0	13	0	0	0	0	0	0	0	0	0	40	0	0	0	0	0	0	161	8		
20007	1987	9	24	5	6	7	0	0	0	0	42	5	10	0	0	8	0	0	13	0	0	4	27	2	2	33	0	24	3	6	0	0	0	153	9		
20007	1987	10	0	0	0	26	5	7	14	0	28	3	0	0	2	4	0	0	0	0	0	0	0	0	0	0	0	13	20	10	0	0	0	132	10		
20007	1987	11	14	17	25	6	7	0	0	0	2	3	51	24	10	0	0	24	0	28	30	6	27	0	8	0	0	17	3	30	6	0	0	338	11		
20007	1987	12	0	25	24	6	0	0	0	75	4	0	0	0	0	14	28	10	15	0	0	0	0	0	16	18	21	0	0	42	7	0	28	333	12		
20007	1988	1	0	7	0	2	52	6	0	3	0	0	19	17	15	3	3	46	1	1	0	0	8	22	14	0	23	35	18	0	0	1	296	1			
20007	1988	2	29	0	16	0	0	0	27	1	22	3	0	0	1	1	6	1	11	1	0	19	19	37	0	1	0	0	16	0	21	0	0	232	2		
20007	1988	3	0	0	1	1	37	2	59	0	1	4	0	0	4	0	2	5	0	0	4	1	19	10	18	17	0	0	0	0	0	0	1	184	3		
20007	1988	4	8	1	1	40	0	11	3	6	3	6	3	0	3	2	0	0	0	1	40	0	0	4	0	78	0	0	6	9	0	0	0	228	4		
20007	1988	5	0	62	2	0	0	0	0	41	4	7	4	16	1	62	41	33	4	36	0	0	0	0	0	0	0	19	0	0	0	0	0	332	5		
20007	1988	6	2	0	3	1	60	0	0	0	0	29	0	0	0	0	0	0	0	0	0	0	0	21	0	0	0	2	24	0	1	1	0	144	6		
20007	1988	7	1	0	6	0	0	0	8	0	9	2	0	0	0	0	0	0	0	0	0	0	0	2	0	17	0	0	0	0	0	0	0	45	7		
20007	1988	8	1	0	0	14	0	0	0	0	7	6	0	0	33	1	0	0	1	9	0	0	21	0	4	0	2	0	3	0	2	104	8				
20007	1988	9	6	43	0	0	2	0	18	0	48	0	0	0	0	0	12	0	8	0	63	19	0	0	4	29	21	0	1	0	0	0	274	9			
20007	1988	10	130	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0	0	0	10	0	1	0	0	0	3	14	0	170	10		
20007	1988	11	0	1	3	0	0	2	36	0	2	40	2	6	0	0	25	33	20	4	8	14	0	0	0	0	0	17	23	0	0	0	0	236	11		
20007	1988	12	15	16	10	6	21	9	2	36	9	31	0	6	63	13	19	0	0	0	0	0	0	2	2	61	0	1	0	0	0	0	322	12			
20007	1989	1	0	11	0	4	20	17	45	0	0	0	13	2	7	7	43	18	14	12	11	33	3	0	0	0	0	0	0	0	0	0	0	350	1		
20007	1989	2	0	0	2	0	0	0	10	0	0	0	0	42	0	0	0	0	0	0	23	0	0	0	18	0	8	7	0	0	19	0	0	129	2		
20007	1989	3	0	15	0	0	9	0	2	12	0	0	0	0	0	5	72	0	0	0	0	6	0	11	10	0	0	12	0	2	7	0	0	163	3		
20007	1989	4	9	10	3	2	0	5	0	3	8	0	17	3	0	0	0	0	0	3	27	0	7	9	0	41	29	9	56	0	0	0	241	4			
20007	1989	5	0	0	0	4	24	0	0	0	0	0	22	37	3	1	0	0	0	27	7	0	41	7	2	18	2	0	0	0	1	0	197	5			
20007	1989	6	0	0	26	13	0	46	0	0	0	0	0	0	0	0	0	0	0	0	0	3	9	0	0	12	0	0	0	0	0	0	109	6			
20007	1989	7	9	10	0	0	0	6	0	3	8	0	0	0	0	0	0	0	0	0	13	2	7	7	0	0	0	13	0	46	0	0	0	124	7		
20007	1989	8	25	0	0	0	0	0	0	0	31	4	0	0	0	5	15	0	17	28	0	0	0	0	0	0	0	0	0	0	0	0	0	125	8		
20007	1989	9	0	54	10	0	26	7	0	0	16	38	41	5	0	0	0	0	0	0	0	0	11	5	0	0	0	0	6	4	0	0	0	223	9		
20007	1989	10	24	0	0	32	0	0	5	6	28	7	0	0	8	0	3	0	0	0	10	14	6	4	0	9	0	8	5	0	8	5	0	169	10		
20007	1989	11	0	58	0	1	29	0	10	0	0	6	0	12	32	34	11	0	0	5	0	28	0	0	0	0	0	0	0	56	3	0	285	11			
20007	1989	12	2	26	21	25	0	0	19	14	0	7	0	0	0	0	0	0	8	5	0	0	0	22	0	13	0	0	0	40	0	0	202	12			
20007	1990	1	0	0	0	0	0	0	0	0	0	0	4	0	0	0	78	0	11	4	0	0	0	0	4	0	0	0	0	0	0	0	101	1			
20007	1990	2	0	0	6	31	31	4	33	38	8	14	4	0	0	14	3	0	22	0	0	35	0	0	5	2	0	0	0	0	0	0	264	2			
20007	1990	3	0	0	0	0	9	0	0	0	0	0	0	0	0	12	0	0	0	0	0	44	0	0	4	0	0	17	34	14	0	0	134	3			
200																																					



# I.1 DAILY RAINFALL DATA (47/72)

Station No.	Year	Month	Day																												Month				
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	total	
20007	1992	1	67	0	27	8	0	0	0	0	0	0	0	0	0	0	0	0	16	13	9	0	0	0	0	0	0	0	0	44	1	0	0	185	1
20007	1992	2	8	31	0	0	2	0	0	17	0	0	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	99	2	
20007	1992	3	45	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	7	0	4	5	8	0	10	56	0	0	143	3
20007	1992	4	0	0	15	0	0	22	1	0	4	0	0	46	0	0	44	0	0	0	0	0	12	2	0	0	0	0	18	0	12	21	0	197	4
20007	1992	5	0	5	0	0	0	0	36	11	0	0	12	0	0	11	0	0	48	0	0	20	0	37	0	1	16	13	4	0	0	3	0	217	5
20007	1992	6	15	0	0	0	0	9	0	0	3	0	0	27	0	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	73	6	
20007	1992	7	7	0	3	9	0	0	0	0	0	0	0	44	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	101	7
20007	1992	8	0	0	9	0	0	0	0	0	0	0	0	0	20	0	7	4	0	0	17	0	0	0	10	0	0	0	0	0	0	0	67	8	
20007	1992	9	0	0	0	0	0	0	0	28	0	64	3	0	58	0	8	0	26	0	0	0	0	0	30	0	0	0	2	0	0	0	219	9	
20007	1992	10	0	0	0	6	86	19	0	0	0	26	0	0	2	0	2	0	0	0	0	0	23	0	0	6	1	3	0	0	0	2	176	10	
20007	1992	11	7	12	0	2	4	29	0	3	30	30	25	1	0	0	0	8	10	0	70	4	0	0	0	0	0	0	0	0	0	0	235	11	
20007	1992	12	0	0	6	0	7	0	0	23	26	0	0	6	0	8	0	12	0	7	0	0	0	0	54	6	14	1	20	3	0	0	0	193	12

# I.1 DAILY RAINFALL DATA (48/72)

Station No.	Year	Month	Day																															Month	
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
20009	1981	1	7	6	27	21	0	10	6	0	0	1	0	0	0	0	0	4	0	4	0	23	0	0	0	0	0	0	0	0	0	0	109	1	
20009	1981	2	0	3	0	0	14	3	0	0	0	0	6	1	10	8	0	0	0	0	0	0	0	0	3	0	16	0	30	4	0	0	98	2	
20009	1981	3	0	0	0	0	9	3	8	1	0	0	4	0	0	7	0	0	0	0	0	34	0	0	1	0	0	0	2	2	0	2	22	95	3
20009	1981	4	0	0	22	0	18	3	0	86	2	27	0	0	20	0	6	0	0	0	0	0	0	4	8	2	5	0	26	3	0	26	0	267	4
20009	1981	5	0	36	0	0	0	0	0	38	17	0	7	0	0	0	45	0	57	0	0	14	0	34	0	2	2	0	0	0	0	24	0	276	5
20009	1981	6	1	0	0	0	0	0	0	75	0	0	10	0	0	0	19	0	0	0	0	0	0	0	0	75	0	0	0	10	0	0	190	6	
20009	1981	7	0	0	0	7	0	0	0	42	0	15	0	34	0	0	0	0	0	20	38	19	0	6	0	0	0	0	0	9	0	5	195	7	
20009	1981	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	0	0	0	6	0	0	0	25	0	8	13	0	9	0	5	89	8	
20009	1981	9	0	0	3	0	1	0	28	0	0	53	0	0	0	7	15	3	0	6	24	0	14	18	0	12	5	2	11	0	0	0	202	9	
20009	1981	10	2	0	0	0	10	3	6	28	35	21	0	52	6	7	10	0	0	0	9	0	0	0	25	2	0	2	4	0	7	11	27	267	10
20009	1981	11	22	7	1	2	32	0	2	0	0	0	17	0	0	0	0	0	0	0	10	2	0	1	9	17	1	0	0	0	0	0	123	11	
20009	1981	12	0	6	0	52	0	0	6	5	8	0	9	3	3	8	47	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	45	217	12
20009	1982	1	31	13	3	0	15	5	1	0	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71	1	
20009	1982	2	4	3	1	10	4	0	0	6	56	1	0	21	0	0	0	0	0	0	0	0	0	7	3	10	0	0	0	0	0	0	126	2	
20009	1982	3	0	31	0	0	53	1	0	3	12	0	29	0	0	0	9	3	0	12	0	27	0	6	10	0	13	0	7	31	3	40	0	281	3
20009	1982	4	3	0	10	8	2	0	0	8	2	0	0	37	13	32	27	0	7	15	12	15	0	17	14	0	0	0	0	0	0	0	224	4	
20009	1982	5	0	0	0	0	21	0	6	0	44	9	0	0	5	2	0	1	0	0	14	0	0	0	12	0	0	3	36	65	0	11	229	5	
20009	1982	6	11	0	0	78	0	0	0	0	0	0	0	0	9	2	12	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	115	6	
20009	1982	7	0	0	4	0	0	20	1	1	0	0	0	0	8	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	7
20009	1982	8	0	0	36	3	0	0	0	0	0	0	7	0	0	1	25	0	0	0	0	0	3	0	0	0	0	0	0	0	0	15	90	8	
20009	1982	9	11	0	43	8	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	8	33	0	0	23	0	0	0	0	127	9	
20009	1982	10	0	3	0	1	0	81	3	3	17	0	0	0	2	0	0	53	0	1	11	0	23	0	2	0	3	11	0	8	15	49	2	288	10
20009	1982	11	0	17	0	0	22	15	0	0	4	17	23	0	0	7	5	0	0	16	1	0	0	21	26	8	45	0	6	0	0	0	233	11	
20009	1982	12	7	0	12	4	3	2	0	0	0	3	0	0	19	1	0	2	0	6	0	7	1	1	34	49	21	64	1	0	0	0	237	12	
20009	1983	1	0	0	41	4	0	0	0	0	0	0	18	7	22	0	13	7	6	22	0	0	0	0	0	0	3	0	0	0	0	0	143	1	
20009	1983	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	2	0	0	0	0	1	0	1	0	0	0	9	2	
20009	1983	3	0	0	0	0	0	0	0	0	0	0	0	0	0	86	0	0	0	9	0	0	8	2	0	5	0	21	2	0	0	12	145	3	
20009	1983	4	1	0	0	0	0	2	30	2	29	6	0	1	22	0	2	2	0	0	2	4	15	0	0	18	0	25	0	0	0	0	161	4	
20009	1983	5	0	0	12	0	0	14	26	0	0	1	16	43	0	0	0	0	0	0	0	50	10	2	0	0	0	13	0	0	0	187	5		
20009	1983	6	0	2	0	0	1	14	0	0	0	2	22	5	2	1	0	22	6	0	0	1	3	0	0	0	0	0	0	0	2	0	83	6	
20009	1983	7	0	0	0	8	0	36	0	0	10	2	2	0	0	0	0	0	5	0	34	4	7	3	0	0	0	33	23	19	0	186	7		
20009	1983	8	8	14	11	0	1	0	2	19	0	4	2	0	1	0	0	0	0	11	8	7	0	0	0	0	0	35	1	12	136	8			
20009	1983	9	0	1	0	3	0	2	1	6	23	0	0	0	10	0	0	0	0	0	0	0	0	0	41	0	3	0	36	0	0	128	9		
20009	1983	10	0	4	3	0	0	1	37	0	14	0	0	0	2	0	0	25	0	0	30	66	0	8	0	16	0	31	0	24	1	0	262	10	
20009	1983	11	0	47	0	12	0	0	0	0	0	3	8	11	4	0	5	15	0	0	1	2	6	0	5	0	42	27	23	0	9	0	220	11	
20009	1983	12	0	0	6	0	0	5	1	1	0	42	0	14	6	0	0	44	15	3	0	0	0	0	0	0	0	0	5	0	0	0	142	12	
20009	1984	1	13	0	0	0	0	0	12	0	10	0	11	5	15	0	0	28	24	1	3	0	7	0	28	0	2	2	2	0	0	27	190	1	
20009	1984	2	11	4	0	13	7	31	10	29	0	0	0	0	8	0	18	39	33	0	0	0	12	0	4	0	40	14	0	0	0	372	2		
20009	1984	3	53	36	39	15	12	0	0	0	1	0	1	0	2	33	3	16	0	5	0	17	23	13	40	22	7	5	52	0	0	397	3		
20009	1984	4	10	0	7	7	0	7	7	0	15	1	4	37	2	0	20	0	19	52	5	0	0	17	1	14	9	70	13	1	26	0	374	4	
20009	1984	5	60	3	8	0	0	60	0	12	0	0	1	2	0	1	0	3	3	0	0	0	0	0	7	0	4	0	0	0	23	187	5		
20009	1984	6	58	0	0	24	1	0	0	0	2	9	0	0	0	0	3	0	10	4	0	0	0	28	3	0	2	0	0	0	3	147	6		
20009	1984	7	1	0	38	0	0	0	0	0	3	9	8	3	22	24	5	1	35	0	0	0	18	1	0	51	39	0	0	19	0	0	277	7	
20009	1984	8	0	9	0	0	0	6	7	0	0	3	0	2	0	0	0	0	0	0	0	0	0	59	0	0	0	0	5	0	0	91	8		
20009	1984	9	19	0	0	19	0	15	0	0	0	0	0	55	17	0	0	0	33	0	10	0	8	0	8	0	3	0	35	0	0	225	9		
20009	1984	10	0	0	30	16	0	10	0	0	0	13	22	0	0	10	0	0	4	13	5	12	0	0	2	0	0	2	0	15	15	0	169	10	
20009	1984	11	0	0	0	2	10	0	5	0	12	3	5	3	1	0	6	0	1	2	4	41	8	2	0	6	0	15	0	2	0	0	128	11	
20009	1984	12	2	2	16	1	12	0	2	0	4	0	0	0	0	2	6	0	0	4	53	0	5	8	18	0	3	14	8	0	0	160	12		
20009	1985	1	0	0	12	10	3	2	8	3	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	3	20	1	22	12	19	140	1
20009	1985	2	2	2	7	6	13	10	0	10	3	33	2	1	0	2	1	0	0	0	0	0	0	0	0	0	4	2	7	0	0	0	105	2	
20009	1985	3	6	1	1	0	3	0	35	5	0	0	1	8	0	0	0	6	0	0	8	2	0	0	0	2	0	0	0	0	0	0	78	3	
20009	1985	4	1	0	0	0	0	0	5	4	0	19	0	0	1	2	5	4	6	11	0	8	2	1	3	2	0	0	12	7	0	0	93	4	
20009	1985	5	0	0	0	5	4	0																											





# I.1 DAILY RAINFALL DATA (51/72)

Station No.	Year	Month	Day																															Month	
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
20010	1989	1	7	13	14	19	24	17	12	10	11	7	9	13	5	9	15	12	6	0	11	9	0	0	0	12	0	0	0	12	7	12	6	272	1
20010	1989	2	10	0	0	0	3	6	10	0	0	12	0	0	0	0	0	11	9	0	0	0	0	0	0	13	0	0	10	0	0	0	84	2	
20010	1989	3	7	13	0	15	0	10	13	0	9	13	0	0	19	5	8	0	15	7	19	10	10	11	0	0	0	5	13	11	9	7	15	244	3
20010	1989	4	9	13	0	10	0	17	12	15	0	19	23	25	0	0	0	0	0	0	0	0	0	0	19	0	0	0	15	0	0	0	177	4	
20010	1989	5	0	0	0	0	0	0	0	0	0	13	0	10	9	0	12	15	0	22	0	0	0	0	13	0	0	0	0	0	0	0	94	5	
20010	1989	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	4	23	25	28	27	0	0	113	6	
20010	1989	7	0	0	0	0	0	15	18	0	0	0	0	0	0	22	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	89	7	
20010	1989	8	9	4	3	5	4	7	5	0	4	6	0	0	19	0	0	9	0	0	0	0	19	0	0	12	17	0	0	11	8	11	153	8	
20010	1989	9	0	22	0	0	0	25	28	0	0	0	13	22	10	8	11	8	0	0	0	0	0	10	7	0	13	7	19	14	10	0	227	9	
20010	1989	10	0	0	0	0	13	0	0	0	0	0	0	0	15	0	25	29	22	10	15	9	0	0	11	10	13	21	14	19	13	10	258	10	
20010	1989	11	0	10	12	0	9	0	0	13	25	0	29	18	10	0	0	12	7	19	10	0	0	11	13	10	0	12	9	12	7	0	248	11	
20010	1989	12	22	10	12	0	15	21	22	23	25	12	13	15	11	0	0	0	0	0	12	0	0	15	10	13	12	9	15	13	10	0	310	12	
20010	1990	1	0	0	0	0	0	25	0	0	0	6	11	8	13	15	22	28	0	0	7	13	10	15	13	0	0	8	12	14	12	232	1		
20010	1990	2	0	0	0	5	23	29	21	22	18	13	25	0	10	0	0	23	0	0	8	13	22	9	0	0	0	0	0	0	0	241	2		
20010	1990	3	0	0	0	0	25	8	0	0	15	0	20	13	0	0	10	16	8	0	23	8	0	0	0	0	0	0	0	0	13	181	3		
20010	1990	4	0	0	13	20	25	0	0	0	10	0	14	8	0	0	5	21	15	9	0	0	10	18	23	5	10	0	12	9	0	227	4		
20010	1990	5	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	3	0	0	0	0	0	14	5		
20010	1990	6	0	0	8	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	9	0	6	0	0	0	0	0	0	0	28	6		
20010	1990	7	0	0	0	0	0	0	7	0	0	0	0	0	0	0	10	20	0	0	0	0	18	0	0	0	0	0	0	0	0	62	7		
20010	1990	8	0	0	0	0	0	11	10	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	3	8	11	13	8	0	69	8			
20010	1990	9	0	0	0	0	0	10	0	0	0	20	0	16	0	0	0	15	25	12	7	5	0	12	0	0	0	0	0	0	122	9			
20010	1990	10	0	24	0	0	0	44	24	14	34	22	8	42	0	8	0	0	0	12	0	11	6	0	14	7	5	4	9	6	4	298	10		
20010	1990	11	12	9	6	0	10	0	11	5	9	21	0	5	11	0	4	6	9	12	8	6	0	14	22	4	9	11	8	7	0	219	11		
20010	1990	12	24	12	9	18	10	6	13	7	12	8	4	6	13	0	14	9	8	14	7	13	6	16	0	0	0	6	11	12	7	265	12		
20010	1991	1	26	14	8	15	0	0	0	0	0	0	0	12	20	9	14	0	0	0	16	0	0	0	0	0	0	0	0	0	0	134	1		
20010	1991	2	0	8	9	0	0	1	0	0	11	9	14	20	14	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	101	2		
20010	1991	3	0	14	0	0	0	8	0	16	13	0	12	0	20	0	0	12	14	0	0	0	38	0	0	0	0	0	0	22	169	3			
20010	1991	4	64	28	0	25	18	0	0	0	14	0	25	0	0	0	15	0	0	0	9	10	0	9	16	0	0	24	0	0	257	4			
20010	1991	5	0	0	12	0	0	28	0	0	0	18	14	0	0	0	14	16	0	0	28	0	16	12	26	30	18	0	28	18	12	0	290	5	
20010	1991	6	0	6	18	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	50	6			
20010	1991	7	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	7			
20010	1991	8	0	0	0	0	0	0	0	0	0	8	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	8			
20010	1991	9	0	0	0	0	0	0	0	14	12	9	0	0	10	0	0	0	0	0	13	0	0	0	0	0	9	0	0	0	67	9			
20010	1991	10	0	0	0	0	0	0	0	0	0	0	0	0	11	10	0	10	12	0	0	0	0	0	0	0	0	0	0	0	43	10			
20010	1991	11	0	0	8	0	0	12	0	0	10	10	2	11	13	0	0	0	12	0	0	14	10	0	0	16	0	0	0	0	118	11			
20010	1991	12	0	8	10	20	24	0	26	22	30	22	20	18	16	5	20	12	10	0	14	0	19	23	20	18	14	11	19	16	10	4	444	12	
20010	1992	1	0	0	0	16	14	0	0	12	8	0	0	20	18	8	0	0	12	20	0	0	0	0	0	10	12	0	0	0	150	1			
20010	1992	2	0	12	15	0	0	0	8	0	18	11	0	0	8	12	8	0	0	0	14	0	0	0	0	0	12	0	0	0	118	2			
20010	1992	3	0	0	8	0	12	0	0	10	12	0	0	0	0	9	10	8	0	6	0	11	10	9	0	0	0	0	10	0	115	3			
20010	1992	4	0	12	8	0	0	0	0	0	24	0	0	0	18	12	0	0	0	0	20	0	0	0	12	40	0	0	0	0	146	4			
20010	1992	5	50	2	8	12	20	6	0	0	24	0	0	14	0	0	0	0	10	9	0	27	0	0	18	0	0	0	0	200	5				
20010	1992	6	0	0	0	0	9	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	11	0	0	0	0	0	27	6				
20010	1992	7	0	12	0	4	0	0	0	9	4	10	0	22	0	19	0	0	0	0	0	0	0	0	18	0	13	0	0	111	7				
20010	1992	8	0	0	0	0	0	0	0	0	0	4	13	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	8				
20010	1992	9	0	0	0	0	0	0	0	0	0	8	0	20	19	0	14	30	21	0	0	33	0	40	0	25	18	11	0	0	239	9			
20010	1992	10	0	0	0	0	0	0	0	31	0	0	0	18	0	0	14	0	2	0	0	0	0	0	0	0	0	0	0	26	91	10			
20010	1992	11	0	40	21	20	0	0	0	12	0	0	0	2	0	14	0	0	16	0	0	60	0	14	0	0	0	11	0	0	210	11			
20010	1992	12	3	0	0	30	8	4	12	0	10	19	0	0	0	28	0	0	4	0	0	0	0	2	5	20	41	3	8	10	207	12			

# I.1 DAILY RAINFALL DATA (52/72)

Station No.	Year	Month	Day																															Month	
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
20011	1983	1	0	23	5	0	0	0	8	0	0	27	64	14	16	0	11	0	41	0	0	0	0	63	0	0	0	29	8	8	0	0	0	317	1
20011	1983	2	0	3	0	0	0	0	0	0	0	7	2	0	0	27	0	0	53	0	0	25	2	0	0	0	0	0	11	0	0	0	0	130	2
20011	1983	3	0	0	2	0	0	0	0	27	0	2	0	0	0	57	0	0	0	6	0	5	0	0	0	0	0	30	0	0	0	0	129	3	
20011	1983	4	0	4	2	55	16	2	16	0	0	0	0	0	0	2	3	11	27	9	8	0	0	3	0	14	17	1	5	0	0	0	195	4	
20011	1983	5	6	6	41	75	6	0	3	53	0	66	0	0	0	2	10	3	13	0	25	0	0	0	0	0	0	0	0	0	5	0	0	314	5
20011	1983	6	0	0	0	7	2	0	0	0	30	0	0	2	0	0	18	12	2	0	0	0	0	0	0	0	2	0	0	0	0	0	75	6	
20011	1983	7	0	0	32	0	0	4	2	0	10	0	0	0	0	0	0	0	3	0	63	0	0	0	0	0	0	0	0	0	73	0	187	7	
20011	1983	8	2	2	2	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	3	0	9	0	0	0	0	0	0	0	0	26	8	
20011	1983	8	0	0	41	0	0	5	0	0	31	0	0	0	0	72	0	0	0	0	0	0	0	0	0	0	0	69	0	15	0	233	9		
20011	1983	10	0	0	0	0	0	0	0	0	0	0	0	16	5	0	0	73	0	0	0	3	0	26	7	0	0	0	7	3	17	157	10		
20011	1983	11	0	47	0	0	46	7	58	20	0	18	17	28	0	0	0	0	0	0	0	0	0	0	21	0	7	24	39	10	38	0	380	11	
20011	1983	12	0	0	12	8	3	10	3	7	26	20	0	0	16	2	4	2	17	51	40	56	6	62	0	0	54	0	0	0	32	0	431	12	
20011	1984	1	0	0	0	4	41	41	8	17	2	0	15	14	53	37	37	26	0	30	32	0	0	22	0	14	0	0	14	0	31	438	1		
20011	1984	2	10	0	0	6	22	29	32	0	0	0	42	29	21	0	39	0	0	36	0	0	22	6	0	19	12	20	37	21	0	403	2		
20011	1984	3	4	0	6	31	10	0	0	0	21	0	40	16	0	0	0	18	0	0	5	0	3	47	0	0	0	18	0	19	0	238	3		
20011	1984	4	0	30	0	0	0	0	0	0	0	30	36	0	24	0	58	0	0	0	0	0	0	9	7	78	32	8	0	0	0	312	4		
20011	1984	5	0	0	2	13	20	0	0	0	0	30	38	0	24	0	0	0	23	94	34	0	27	0	0	0	0	0	0	0	0	303	5		
20011	1984	6	46	10	5	5	0	0	0	0	33	0	0	0	6	0	0	51	0	2	0	0	0	30	0	0	0	0	0	27	0	215	6		
20011	1984	7	0	0	47	0	0	0	0	0	0	0	0	0	0	0	0	91	46	30	0	0	0	0	14	0	0	0	0	0	0	228	7		
20011	1984	8	37	20	0	56	0	0	0	0	0	0	0	0	0	0	0	47	0	33	0	33	0	0	0	0	0	0	0	13	239	8			
20011	1984	9	0	0	0	0	0	19	0	0	15	0	0	0	0	23	0	11	0	0	0	4	0	0	0	3	0	0	0	0	0	75	9		
20011	1984	10	0	14	6	7	0	0	0	16	0	0	0	0	27	40	0	0	5	0	4	0	0	28	20	6	0	0	0	10	183	10			
20011	1984	11	42	27	20	0	0	6	0	0	0	32	48	17	4	0	5	0	0	0	26	32	9	0	17	0	2	25	19	0	331	11			
20011	1984	12	3	90	0	3	23	5	0	36	0	0	0	0	0	0	33	3	6	0	11	17	26	13	2	3	39	45	0	0	358	12			
20011	1985	1	0	0	67	15	10	0	0	15	25	0	0	0	0	0	0	0	2	0	0	0	0	18	10	24	0	0	22	62	24	294	1		
20011	1985	2	7	2	17	0	13	18	0	35	0	0	26	0	0	5	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	124	2		
20011	1985	3	0	0	13	14	0	0	0	0	54	26	0	2	44	60	10	14	1	20	15	6	1	0	13	7	0	0	48	3	22	373	3		
20011	1985	4	4	0	6	0	0	38	0	0	10	7	7	11	0	0	36	0	0	0	10	28	0	0	10	0	0	0	0	0	0	167	4		
20011	1985	5	0	0	0	0	0	2	0	14	43	0	0	46	0	22	9	0	1	22	15	14	8	0	1	1	0	0	0	0	0	198	5		
20011	1985	6	0	0	0	0	0	0	0	0	0	45	0	23	0	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	116	6		
20011	1985	7	0	23	0	0	0	0	6	0	0	0	0	0	0	6	0	85	78	38	0	0	31	0	0	0	0	0	0	0	2	287	7		
20011	1985	8	0	6	0	0	0	0	0	0	0	11	0	0	5	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42	8		
20011	1985	9	6	3	0	0	0	0	14	0	20	8	50	0	0	0	0	37	6	8	0	0	58	0	0	19	0	0	0	0	0	229	9		
20011	1985	10	0	26	7	2	0	7	0	6	11	0	0	18	0	43	8	0	0	0	2	0	14	4	1	31	0	0	78	0	0	256	10		
20011	1985	11	4	92	0	13	16	4	20	8	0	44	0	95	80	0	0	4	17	0	0	9	13	0	0	25	3	7	0	44	16	0	514	11	
20011	1985	12	0	3	25	0	14	7	12	8	37	0	0	21	5	33	0	6	13	0	0	51	0	0	15	0	15	0	33	0	0	298	12		
20011	1986	1	0	18	0	57	26	37	24	34	15	10	0	0	5	21	0	15	0	0	0	17	0	0	0	3	0	0	35	0	0	317	1		
20011	1986	2	0	3	0	0	0	46	4	11	8	0	0	0	23	0	14	24	0	0	0	0	24	16	0	0	2	0	0	0	0	175	2		
20011	1986	3	18	78	30	17	0	25	7	21	11	57	0	0	7	30	0	3	0	21	78	10	9	10	18	0	0	0	3	0	33	15	501	3	
20011	1986	4	0	48	10	0	15	0	0	0	10	2	0	0	0	39	32	0	0	0	22	0	0	17	4	0	18	29	13	50	18	0	327	4	
20011	1986	5	20	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	60	0	0	0	0	0	0	0	89	5		
20011	1986	6	0	61	0	0	8	0	5	5	0	44	0	2	12	21	0	52	0	0	0	0	0	0	0	0	22	0	0	0	0	232	6		
20011	1986	7	0	0	0	0	0	0	0	0	8	0	0	50	0	0	0	0	0	0	0	0	0	0	0	5	38	0	7	2	0	110	7		
20011	1986	8	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	12	4	0	8	10	0	0	0	14	54	8		
20011	1986	9	52	0	0	2	0	4	3	3	1	3	27	0	0	2	0	0	0	0	0	4	29	2	91	72	0	8	25	17	0	345	9		
20011	1986	10	8	97	70	0	8	20	94	8	0	14	6	13	0	2	0	0	2	0	0	1	0	7	23	20	46	2	6	56	0	15	518	10	
20011	1986	11	26	5	36	0	0	61	24	0	0	0	0	31	6	0	0	0	31	0	0	148	10	63	0	108	8	2	39	0	0	598	11		
20011	1986	12	0	36	47	3	0	0	6	4	41	30	9	4	7	0	0	0	72	0	5	0	18	17	23	15	30	39	10	5	0	421	12		
20011	1987	1	0	0	8	0	0	0	23	24	5	2	14	0	6	0	0	0	11	0	9	0	0	0	26	7	0	0	0	0	0	135	1		
20011	1987	2	0	0	0	0	0	0	0	5	12	7	24	0	0	7	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	62	2		
20011	1987	3	0	0	10	55	4	19	0	0	0	10	6	15	0	6	0	27	0	0	6	0	0	34	0	8	0	0	0	4	2	206	3		
20011	1987	4	10	10	0	10	0	0	34	8	13	0	0	20	0	8	16	31	0	0	7	0	11	5	34	0	0	0	19	0	30	0	266	4	
20011	1987	5	10	0	10	3	17	10	7	5	0	3	30	0	2	7	9	0	7	0	0	0	0	3	0	93									

# I.1 DAILY RAINFALL DATA (53/72)

Station No.	Year	Month	Day																															Month total	
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
20011	1989	1	0	41	57	19	52	0	27	19	0	67	0	0	9	9	34	39	9	3	9	3	5	0	0	0	0	4	0	0	0	0	7	413	1
20011	1989	2	0	3	21	0	0	1	10	3	0	17	0	4	0	0	0	0	0	67	0	0	0	0	0	15	9	0	9	0	0	0	159	2	
20011	1989	3	0	19	47	0	0	14	8	23	6	0	0	33	0	2	0	0	0	11	10	10	0	2	20	0	5	0	24	13	0	39	286	3	
20011	1989	4	67	0	34	0	15	0	4	2	0	30	20	0	0	2	6	0	24	0	0	13	0	0	55	0	8	0	35	6	0	0	321	4	
20011	1989	5	0	0	14	0	12	0	12	0	0	0	0	19	0	0	3	0	30	0	7	78	0	0	6	0	0	0	0	0	33	0	322	5	
20011	1989	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	0	27	0	0	5	0	0	0	0	0	0	0	0	61	6	
20011	1989	7	0	0	0	0	0	6	0	5	0	0	0	15	0	0	0	0	17	0	0	0	0	0	0	0	0	0	0	1	0	0	44	7	
20011	1989	8	0	0	41	0	0	0	11	35	0	0	0	4	21	51	0	27	0	0	0	0	0	0	2	0	34	0	9	12	13	0	0	260	8
20011	1989	9	11	2	0	0	0	0	16	38	0	30	32	13	5	0	0	0	0	0	0	0	0	0	39	55	75	0	0	0	21	0	0	337	9
20011	1989	10	6	0	24	0	14	0	0	9	0	0	0	73	0	5	0	65	0	4	34	0	12	0	0	0	22	0	73	6	0	9	358	10	
20011	1989	11	4	0	28	19	0	2	18	9	2	0	55	0	21	0	40	0	10	3	3	7	22	58	30	42	0	0	12	30	50	0	0	465	11
20011	1989	12	13	19	25	0	49	3	125	20	33	0	0	45	0	0	0	0	0	0	0	12	0	0	0	6	27	13	2	11	14	48	465	12	
20011	1990	1	0	0	0	0	0	0	19	0	0	0	0	3	3	13	5	8	11	0	7	0	11	0	6	0	0	0	0	0	0	0	86	1	
20011	1990	2	0	0	4	4	14	12	10	11	0	11	15	9	0	0	5	0	16	6	0	3	0	10	13	0	0	0	0	0	0	0	143	2	
20011	1990	3	0	0	0	0	0	1	0	4	0	19	0	0	0	0	9	0	17	0	3	1	0	8	3	0	0	12	50	32	25	46	230	3	
20011	1990	4	0	0	0	17	12	10	93	0	5	0	48	27	10	13	0	0	34	0	0	0	48	34	0	93	0	25	0	19	24	0	512	4	
20011	1990	5	37	2	0	65	12	40	23	0	0	0	10	4	0	2	58	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	285	5	
20011	1990	6	0	11	0	0	0	8	43	0	28	0	0	0	0	0	4	0	2	0	3	48	15	0	0	0	0	0	0	0	0	0	180	6	
20011	1990	7	0	29	0	0	2	14	0	0	5	7	3	0	7	1	0	8	0	37	20	0	8	0	0	37	3	3	5	5	0	0	192	7	
20011	1990	8	0	0	0	0	0	0	0	0	0	0	0	0	19	3	0	4	0	0	0	0	0	0	0	0	0	0	0	0	2	0	28	8	
20011	1990	9	0	37	3	0	0	0	32	0	16	0	0	0	3	0	0	0	8	0	0	11	0	11	0	0	0	0	6	0	21	0	0	148	9
20011	1990	10	20	0	0	0	0	0	46	33	0	6	0	0	0	0	26	11	5	7	0	0	51	0	0	0	13	13	0	7	32	60	330	10	
20011	1990	11	0	3	19	28	0	25	0	11	0	0	0	13	0	0	2	6	0	9	0	40	0	0	0	39	0	13	0	39	0	0	247	11	
20011	1990	12	85	11	1	0	13	0	3	0	0	0	17	13	37	20	62	42	93	44	48	0	40	11	0	0	0	0	0	36	8	0	16	600	12
20011	1991	1	27	75	13	6	25	0	0	0	0	5	0	25	37	17	0	0	15	12	23	0	0	14	2	0	0	30	15	130	7	0	3	481	1
20011	1991	2	0	0	7	0	12	0	0	0	0	9	0	54	10	0	20	0	0	0	0	0	0	0	28	0	0	0	8	0	0	0	148	2	
20011	1991	3	4	11	0	0	11	6	0	3	0	61	10	41	30	7	0	30	0	5	0	4	0	7	38	0	5	0	11	56	39	61	440	3	
20011	1991	4	0	10	52	0	26	0	24	0	7	20	14	22	0	4	3	0	0	0	13	1	0	0	6	0	0	0	20	14	15	0	251	4	
20011	1991	5	0	0	0	40	12	0	0	9	0	0	33	16	21	0	0	0	0	0	0	3	13	0	0	0	0	0	0	0	13	0	0	160	5
20011	1991	6	3	0	9	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	0	0	0	76	6	
20011	1991	7	0	0	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7
20011	1991	8	6	9	0	0	0	0	0	0	0	0	3	10	10	0	0	0	0	0	0	0	0	12	0	0	0	0	11	0	0	0	152	8	
20011	1991	9	14	17	22	0	0	0	0	0	0	0	0	0	0	5	9	0	0	0	0	0	0	63	0	0	0	0	0	0	0	0	0	130	9
20011	1991	10	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	7	0	9	0	0	14	33	0	0	0	24	0	0	96	10	
20011	1991	11	0	0	49	0	0	24	0	12	0	0	28	14	0	0	0	82	0	0	16	18	37	9	21	10	9	24	0	12	12	0	377	11	
20011	1991	12	9	6	4	6	0	0	0	7	6	0	0	70	13	5	31	0	27	0	17	21	12	0	0	0	24	0	0	36	0	2	0	296	12
20011	1992	1	4	2	0	0	0	5	16	31	2	0	0	0	0	47	31	1	15	4	1	13	0	12	4	0	0	0	11	14	2	4	55	274	1
20011	1992	2	2	0	0	0	0	0	55	2	4	0	0	0	0	0	17	30	0	0	11	9	0	1	0	6	0	20	8	0	0	0	163	2	
20011	1992	3	0	0	0	2	71	0	43	2	4	7	0	0	0	0	1	3	0	11	0	5	0	8	2	0	0	0	1	1	0	6	167	3	
20011	1992	4	14	1	1	0	0	51	6	4	0	35	25	0	0	69	2	1	0	7	0	17	3	0	7	0	3	1	0	7	8	1	0	263	4
20011	1992	5	1	27	0	1	24	8	3	1	0	1	0	0	17	44	0	1	0	40	0	15	10	0	0	1	0	8	0	0	0	1	203	5	
20011	1992	6	49	0	0	4	24	0	0	0	0	3	1	0	0	7	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	89	6
20011	1992	7	0	0	0	0	4	0	0	1	3	0	20	73	8	0	7	0	0	0	0	0	18	0	0	0	50	0	30	13	7	0	1	235	7
20011	1992	8	0	0	0	0	0	0	0	0	0	0	0	15	0	4	23	0	0	0	0	1	0	1	0	0	0	0	0	7	0	1	0	52	8
20011	1992	9	0	0	10	0	0	1	0	14	0	8	44	0	1	50	0	25	0	39	16	22	0	1	8	2	17	22	0	27	1	0	0	306	9
20011	1992	10	14	0	0	0	18	25	0	4	12	0	0	9	22	0	1	3	56	0	0	11	0	0	13	0	3	0	0	5	0	30	226	10	
20011	1992	11	3	4	22	1	2	0	0	0	38	1	0	0	1	0	2	6	13	41	8	0	0	11	7	8	1	6	0	2	0	0	177	11	
20011	1992	12	0	8	0	0	0	0	9	0	1	65	1	3	0	35	10	3	2	37	9	14	0	3	4	0	1	24	0	6	0	11	30	276	12





# I.1 DAILY RAINFALL DATA (55/72)

Station No.	Year	Month	Day																															Month Total		
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
20103	1986	1	0	0	10	7	5	10	30	30	40	35	0	0	0	0	0	10	35	0	10	0	0	0	0	15	0	0	0	0	0	0	10	247		
20103	1986	2	10	10	0	15	10	0	50	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	110			
20103	1986	3	18	20	75	2	0	0	0	0	0	0	0	21	15	0	0	0	50	0	40	0	0	15	0	0	0	0	0	0	0	0	256			
20103	1988	4	0	4	0	90	0	0	0	0	0	0	7	0	14	5	0	10	0	0	17	5	14	0	10	20	0	4	10	0	0	210				
20103	1986	5	4	36	0	0	0	8	0	0	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	35	0	0	0	132				
20103	1986	6	0	0	0	37	0	25	0	0	0	23	0	10	20	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0	132					
20103	1986	7	0	0	30	0	0	0	0	54	0	0	0	0	21	0	0	0	0	0	0	0	40	0	0	0	24	0	7	0	176					
20103	1986	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	0	15	0	0	0	41					
20103	1986	9	17	0	11	0	48	58	0	0	0	56	0	50	0	0	0	0	0	0	0	20	0	43	25	0	27	0	25	0	380					
20103	1986	10	0	0	0	0	40	0	0	97	13	30	2	0	0	25	0	20	0	15	0	35	0	40	0	13	0	49	0	0	379					
20103	1986	11	14	0	0	15	0	25	40	0	0	0	28	0	0	0	3	26	0	0	0	0	0	0	0	50	0	0	0	23	224					
20103	1986	12	0	16	0	0	0	26	0	50	41	2	0	0	0	0	6	48	76	10	0	0	17	0	38	0	28	31	5	0	394					
20103	1987	1	0	0	0	0	0	0	45	70	42	0	33	0	0	0	0	0	50	0	0	0	0	0	0	0	0	0	0	0	240					
20103	1987	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	130	0	0	0	0	0	0	170					
20103	1987	3	0	140	0	0	0	0	0	0	150	180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	470					
20103	1987	4	220	0	0	0	0	0	0	0	0	10	18	25	0	0	0	0	0	0	0	7	50	0	25	0	15	0	0	0	370					
20103	1987	5	75	0	0	0	25	0	40	0	0	0	0	40	0	0	0	0	0	0	0	25	0	0	15	0	75	0	0	0	295					
20103	1987	6	25	0	0	0	4	0	0	0	0	0	0	0	23	0	0	0	0	0	21	0	0	0	0	0	0	0	0	0	73					
20103	1987	7	0	0	0	30	0	0	0	0	0	0	0	0	30	0	10	0	0	0	15	0	7	0	0	0	0	0	0	0	92					
20103	1987	8	0	0	0	0	0	0	0	0	0	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7					
20103	1987	9	0	0	0	30	50	0	80	0	0	0	0	0	0	50	0	0	0	75	0	0	0	0	30	0	0	0	0	0	315					
20103	1987	10	0	0	0	0	0	0	0	0	0	0	10	25	25	50	0	0	0	15	25	20	50	0	65	0	15	5	0	0	305					
20103	1987	11	5	0	0	0	0	0	0	40	7	0	0	0	0	0	0	0	115	80	0	0	25	0	0	0	0	15	0	0	287					
20103	1987	12	0	9	50	0	25	0	0	15	0	40	0	0	0	30	0	0	0	10	0	40	0	0	30	0	0	5	0	0	254					
20103	1988	1	0	0	0	5	25	25	0	0	0	15	25	100	0	10	0	40	50	0	0	0	100	0	125	0	0	0	0	0	520					
20103	1988	2	0	100	0	40	0	0	0	0	0	0	0	0	0	15	0	0	25	0	8	0	0	0	50	0	25	0	0	0	263					
20103	1988	3	100	0	35	40	0	152	25	0	0	0	0	0	0	56	40	0	30	0	25	0	0	0	0	0	0	0	0	0	503					
20103	1988	4	0	50	0	20	0	20	0	0	0	10	10	20	0	0	0	0	0	0	0	30	0	0	0	0	30	0	0	0	190					
20103	1988	5	0	0	50	0	0	0	0	0	30	40	0	34	0	70	50	0	0	0	0	0	0	0	0	0	0	0	0	0	274					
20103	1988	6	0	40	20	0	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	30	0	0	0	0	0	0	0	0	110					
20103	1988	7	0	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	50					
20103	1988	8	0	0	0	0	20	0	0	10	0	0	0	0	0	10	0	0	60	20	0	20	0	0	0	0	0	10	0	0	250					
20103	1988	9	0	10	50	0	10	0	0	0	0	0	0	0	0	0	0	10	0	40	20	0	0	0	50	50	0	0	0	0	240					
20103	1988	10	0	20	0	0	0	0	0	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70					
20103	1988	11	0	0	0	0	0	0	0	0	0	0	0	0	0	20	30	0	0	0	0	0	0	0	0	0	0	0	0	0	50					
20103	1988	12	0	0	0	0	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35					
20103	1989	1	0	0	0	60	0	65	0	0	10	0	0	45	90	45	0	53	0	0	0	0	0	0	0	0	0	0	0	0	368					
20103	1989	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80	20	0	0	0	0	0	0	100					
20103	1989	3	30	10	40	0	40	0	0	0	0	0	0	0	0	0	0	0	0	53	0	0	0	0	0	0	0	0	0	0	173					
20103	1989	4	7	0	0	0	0	13	0	3	0	0	17	0	0	0	28	0	0	0	0	0	10	0	0	25	0	0	0	0	103					
20103	1989	5	14	0	35	19	0	17	0	0	0	0	0	0	0	0	0	14	0	16	0	10	0	10	0	0	0	0	0	0	125					
20103	1989	6	0	5	0	10	0	0	0	0	0	12	0	0	0	0	0	0	0	12	0	0	0	10	0	0	0	0	0	0	49					
20103	1989	7	32	0	0	94	0	0	0	6	26	0	15	0	0	8	0	0	30	52	0	0	0	0	0	0	0	0	0	0	263					
20103	1989	8	0	0	0	0	0	0	0	0	0	0	0	0	0	27	15	90	0	0	0	32	0	0	0	0	0	0	0	0	164					
20103	1989	9	0	0	32	0	0	0	0	10	0	0	0	46	0	10	0	0	0	22	0	0	33	0	0	0	0	0	0	0	153					
20103	1989	10	0	58	60	0	25	0	24	0	0	0	0	3	0	0	0	0	0	10	0	58	0	0	0	0	0	0	0	0	238					
20103	1989	11	0	54	0	0	80	0	30	0	40	0	60	0	0	0	48	0	0	6	0	0	0	26	0	0	0	0	38	0	382					
20103	1989	12	15	0	0	12	0	0	0	0	41	52	17	4	0	0	0	25	0	10	0	28	31	5	0	0	0	7	0	0	247					
20103	1990	1	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	1			
20103	1990	2	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	2		
20103	1990	3	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	3	
20103	1990	4	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	4	
20103	1990	5	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	5
20103	1990	6	0	0	0	0	0	0	30	0	0	0	0	0	0	0	0	0	0	22	29	5	0	0	0	0	0	0	0	0	0	86				
20103	1990	7	13	0	0	0	0	0	0	0	0	50	0	0	0	0	0	0	0	0	0	0	0	8	25	0	7	0	5	0	108					
20103	1990	8	0	0	0																															

### I.1 DAILY RAINFALL DATA (56/72)

Station No.	Year	Month																															Month total	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
20103	1992	1	0	0	0	5	0	0	0	13	6	0	0	0	0	0	20	31	11	0	54	0	0	0	0	0	0	0	22	25	8	0	0	195
20103	1992	2	23	25	0	0	18	0	38	0	0	25	4	0	0	0	0	0	28	0	0	0	0	0	0	0	0	0	13	9		183		
20103	1992	3	0	0	0	10	27	0	0	50	0	0	0	0	0	0	3	0	0	0	14	0	26	0	0	0	0	0	16	4	0	150		
20103	1992	4	0	0	34	6	0	0	0	0	30	0	0	41	0	0	0	0	0	0	0	0	20	0	0	0	0	23	10	3	0	167		
20103	1992	5	6	0	0	0	35	0	0	0	0	24	6	0	0	0	23	10	0	17	35	25	0	0	0	0	0	20	4	0	0	205		
20103	1992	6	30	0	0	0	0	0	0	0	0	0	0	15	0	4	0	0	0	0	0	0	0	25	2	0	0	0	0	0	0	76		
20103	1992	7	0	0	0	0	0	0	0	0	0	0	30	0	0	9	5	0	0	0	0	21	0	26	0	0	0	0	0	0	0	82		
20103	1992	8	10	0	0	0	12	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42		
20103	1992	9	0	0	0	0	6	0	0	0	0	10	26	4	0	0	0	17	28	0	0	59	5	0	0	0	0	0	0	3	0	158		
20103	1992	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	20	15	0	8	0	47		
20103	1992	11	0	20	0	15	23	6	0	0	0	0	10	25	5	0	0	10	0	47	0	35	21	40	0	0	0	0	22	8	0	287		
20103	1992	12	10	0	0	31	2	0	0	26	0	0	0	0	0	0	0	41	0	0	0	18	7	0	48	3	0	0	0	28	7	0	222	

# I.1 DAILY RAINFALL DATA (57/72)

Station No.	Year	Month	Day																															Month total		
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
20106	1971	1	6	10	3	2	0	0	0	75	0	67	42	0	0	31	29	0	8	61	67	0	7	0	3	0	4	0	0	0	0	0	0	0	415	1
20106	1971	2	0	22	0	0	2	0	0	0	0	0	0	0	0	0	11	0	0	19	32	12	0	0	0	59	0	0	0	14	0	0	0	171	2	
20106	1971	3	0	0	20	0	26	7	3	3	0	0	0	67	50	28	0	9	0	10	4	0	0	0	0	0	0	0	0	0	0	0	0	233	3	
20106	1971	4	5	10	0	0	10	0	0	8	0	5	66	2	0	0	0	0	38	6	0	0	0	0	0	0	0	9	4	26	0	0	0	189	4	
20106	1971	5	0	0	19	0	5	0	0	0	0	7	0	0	8	0	42	11	0	0	0	0	0	0	0	32	0	0	0	0	27	0	0	151	5	
20106	1971	6	0	3	0	0	0	0	0	0	0	0	0	0	5	0	0	0	4	0	0	8	0	10	0	62	0	3	0	0	0	0	0	95	6	
20106	1971	7	0	0	17	0	0	2	0	40	20	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0	0	99	7	
20106	1971	8	0	0	0	0	42	0	0	0	65	13	0	0	0	10	42	0	41	0	0	0	0	32	10	29	0	0	0	0	55	15	9	363	8	
20106	1971	9	0	28	0	9	0	0	0	0	31	25	9	0	73	3	4	0	0	0	0	58	5	0	0	0	0	0	0	27	0	0	0	272	9	
20106	1971	10	23	0	0	4	0	0	0	0	0	0	0	0	0	0	0	25	0	0	0	0	9	0	0	0	26	0	0	0	6	0	0	93	10	
20106	1971	11	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	41	35	27	20	15	0	11	18	11	0	0	5	0	0	0	186	11		
20106	1971	12	0	4	0	0	3	4	8	10	11	18	25	6	12	0	52	15	0	57	0	0	8	0	0	0	48	6	10	0	0	0	0	297	12	
20106	1972	1	0	2	0	0	0	0	0	0	0	0	3	5	2	8	11	20	0	0	0	16	3	18	0	0	0	0	2	6	33	0	129	1		
20106	1972	2	0	28	0	33	0	0	34	14	0	15	0	0	0	25	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	156	2	
20106	1972	3	0	0	0	0	0	0	0	0	0	25	65	20	0	0	0	36	15	45	56	0	14	0	25	0	8	11	2	0	0	0	322	3		
20106	1972	4	0	3	0	19	0	0	26	0	0	25	0	0	0	88	0	15	0	20	0	5	0	0	4	0	20	6	0	0	0	0	231	4		
20106	1972	5	8	0	0	13	1	0	2	0	0	23	4	0	0	0	3	0	20	0	12	0	0	0	0	0	1	0	1	0	0	0	88	5		
20106	1972	6	0	1	0	2	0	0	0	0	0	0	0	0	22	0	0	4	0	0	0	2	0	10	0	1	0	0	0	0	0	0	0	42	6	
20106	1972	7	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	12	0	16	0	0	0	0	0	0	0	0	0	0	0	32	7	
20106	1972	8	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	13	8	
20106	1972	9	0	0	0	0	0	0	2	0	10	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	4	0	0	0	0	19	9	
20106	1972	10	0	0	0	4	0	0	0	1	0	6	0	0	3	0	1	22	0	0	7	0	0	8	0	12	0	3	8	0	0	0	0	75	10	
20106	1972	11	2	10	0	0	0	28	51	6	0	0	0	0	0	0	41	25	28	0	0	6	5	0	10	0	6	0	0	0	0	0	0	218	11	
20106	1972	12	0	22	0	0	0	0	0	13	17	0	8	0	0	0	21	32	26	34	4	6	0	25	36	0	0	45	0	22	0	0	0	311	12	
20106	1973	1	0	0	0	11	0	0	0	9	0	0	0	17	0	0	15	9	7	12	0	0	0	17	18	0	0	21	7	23	10	0	176	1		
20106	1973	2	0	0	0	5	2	0	0	0	7	0	0	0	0	0	4	0	0	0	7	13	21	0	3	5	6	0	0	0	0	0	0	73	2	
20106	1973	3	0	9	0	0	3	5	0	0	7	2	0	0	0	3	4	0	8	7	7	0	9	11	6	4	5	2	9	0	12	0	0	113	3	
20106	1973	4	0	0	0	0	0	5	3	0	0	0	0	8	9	7	5	0	0	0	9	11	14	13	7	9	0	0	0	0	0	0	0	100	4	
20106	1973	5	0	0	0	4	0	3	4	0	0	9	0	5	7	11	7	0	8	4	5	0	0	0	11	0	13	9	0	0	0	0	0	100	5	
20106	1973	6	3	0	0	0	0	0	0	1	4	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	6
20106	1973	7	0	0	0	3	0	0	25	6	0	0	0	0	0	0	0	0	0	0	5	0	0	1	0	0	0	0	0	0	0	0	0	0	40	7
20106	1973	8	0	61	26	15	0	0	0	0	0	0	0	4	0	0	0	21	0	40	0	0	0	3	0	0	0	0	5	0	0	0	0	0	175	8
20106	1973	9	4	17	0	0	0	0	80	25	10	6	0	0	29	0	0	0	0	0	38	7	0	0	5	10	0	4	0	0	0	0	0	235	9	
20106	1973	10	0	0	0	65	25	17	10	5	0	0	0	36	12	0	7	0	0	0	0	0	0	0	0	23	6	0	0	19	0	0	0	225	10	
20106	1973	11	0	5	10	25	0	0	0	58	40	0	0	0	32	16	10	0	0	0	0	0	0	40	50	10	0	10	0	0	0	0	0	306	11	
20106	1973	12	0	0	0	0	0	2	10	16	0	0	0	0	7	49	0	25	13	10	0	0	0	26	24	0	0	13	0	0	0	0	0	195	12	
20106	1974	1	0	2	6	8	4	2	2	2	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74	1	
20106	1974	2	2	0	0	4	8	0	0	0	20	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51	2	
20106	1974	3	0	0	0	0	0	0	0	3	5	7	1	2	0	0	0	0	0	3	5	17	0	1	2	0	0	5	0	10	7	0	0	68	3	
20106	1974	4	0	29	6	0	0	0	0	0	7	5	0	3	0	2	1	4	2	0	5	1	0	3	12	13	9	5	0	11	4	0	0	122	4	
20106	1974	5	0	0	0	3	2	0	0	0	4	11	0	7	19	0	7	3	0	0	2	0	7	4	6	0	0	5	13	21	0	0	0	114	5	
20106	1974	6	0	0	0	0	0	3	0	0	0	0	0	0	0	11	0	0	0	0	0	0	3	5	4	0	13	0	0	2	0	0	0	41	6	
20106	1974	7	0	0	0	0	0	0	0	0	0	0	0	2	0	4	0	6	0	5	4	0	0	0	0	0	0	0	0	11	22	0	0	54	7	
20106	1974	8	23	0	0	19	0	0	0	0	0	0	0	0	21	17	0	3	2	0	22	36	3	0	13	2	0	0	17	19	0	0	0	197	8	
20106	1974	9	3	0	27	0	18	23	0	0	13	0	19	11	17	21	0	14	12	0	7	9	0	12	6	0	0	11	0	5	4	0	0	232	9	
20106	1974	10	6	4	9	0	12	5	0	0	37	0	0	3	11	0	27	0	0	0	0	0	17	0	76	0	0	0	0	0	0	0	0	207	10	
20106	1974	11	0	0	21	3	0	0	17	7	0	50	26	32	0	10	17	0	8	0	0	18	40	29	5	0	0	0	0	21	13	0	0	316	11	
20106	1974	12	25	0	8	0	0	0	0	32	40	21	0	6	0	0	50	6	5	8	0	0	0	26	11	0	9	0	0	0	0	0	0	247	12	
20106	1975	1	0	12	24	3	0	0	0	0	0	0	0	2	2	0	0	0	0	6	0	0	10	0	0	0	2	0	0	0	0	0	0	61	1	
20106	1975	2	0	0	9	0	12	19	0	0	12	8	0	0	0	0	0	14	0	21	0	0	14	0	0	0	0	5	19	0	0	0	0	133	2	
20106	1975	3	0	0	0	76	7	0	0	41	5	7	0	0	0	0	0	0	0	0	0	0	0	12	0	0	63	11	26	0	12	0	0	260	3	
20106																																				



# I.1 DAILY RAINFALL DATA (59/72)

Station No.	Year	Month	Day																															Month		
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
20106	1983	1	0	8	0	0	0	7	2	0	2	22	15	5	32	0	37	12	6	4	14	3	13	9	3	2	0	30	28	2	2	0	0	258	1	
20106	1983	2	0	0	5	0	0	0	0	0	5	0	0	0	0	0	12	0	0	22	0	17	0	0	0	0	30	7	3	0	0	0	101	2		
20106	1983	3	0	0	0	0	28	17	3	0	0	25	10	0	2	0	14	5	0	0	0	31	16	0	0	0	1	0	0	22	3	0	177	3		
20106	1983	4	0	0	0	41	0	60	16	0	0	0	0	0	0	11	0	66	1	54	0	12	0	0	0	2	5	0	6	0	29	0	303	4		
20106	1983	5	0	0	5	0	0	25	0	28	2	6	0	0	12	0	0	0	16	0	0	0	0	15	0	0	13	4	0	0	0	13	0	139	5	
20106	1983	6	0	7	0	0	0	24	1	0	13	0	0	0	0	0	18	24	2	0	25	11	0	8	0	0	0	0	0	0	0	0	0	133	6	
20106	1983	7	0	0	34	0	0	0	35	0	0	0	0	22	0	0	0	0	0	73	0	0	0	0	0	0	0	0	0	0	0	6	0	170	7	
20106	1983	8	0	0	0	0	0	72	38	0	0	0	0	22	0	14	8	0	0	26	0	1	0	17	0	0	5	58	0	0	0	0	0	261	8	
20106	1983	9	0	0	0	10	9	89	47	0	6	0	0	0	0	24	3	26	0	0	0	0	0	0	0	0	7	0	5	0	0	0	226	9		
20106	1983	10	0	0	0	0	72	83	0	0	0	0	22	0	14	8	0	0	26	0	1	0	17	0	0	5	58	0	0	0	0	0	306	10		
20106	1983	11	7	0	8	0	0	7	0	0	24	2	25	26	0	0	0	0	0	0	0	0	0	4	0	3	15	0	14	45	7	0	0	187	11	
20106	1983	12	32	0	0	3	3	11	7	5	0	19	7	42	0	4	3	0	97	12	18	26	52	53	19	1	11	0	1	0	0	0	39	465	12	
20106	1984	1	0	0	0	0	0	0	3	17	17	23	3	15	9	1	24	30	0	7	0	2	42	0	0	14	0	4	7	2	0	19	17	256	1	
20106	1984	2	22	7	0	0	0	0	18	18	7	0	0	0	0	9	27	8	2	0	5	0	5	8	0	2	0	48	1	2	16	0	0	205	2	
20106	1984	3	39	31	6	3	93	41	0	0	0	27	1	10	12	0	0	1	0	6	3	3	32	0	8	0	0	34	17	0	58	16	51	492	3	
20106	1984	4	0	4	20	0	4	71	0	0	45	0	8	70	0	29	0	50	0	11	3	0	0	17	47	0	0	0	0	0	0	0	0	383	4	
20106	1984	5	0	8	0	4	0	9	13	0	41	0	0	16	0	10	5	3	26	10	6	100	0	0	58	0	0	0	0	0	0	0	0	309	5	
20106	1984	6	40	16	12	0	0	0	0	0	0	35	2	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0	0	0	0	8	0	126	6	
20106	1984	7	32	0	0	0	0	0	0	0	0	0	8	1	0	1	0	100	27	0	77	5	0	0	0	0	16	0	0	0	0	66	0	333	7	
20106	1984	8	0	16	0	0	22	0	1	7	3	0	0	9	0	0	0	0	0	23	0	0	0	25	0	17	0	0	0	0	16	6	7	152	8	
20106	1984	9	31	0	2	0	0	0	0	19	0	0	10	7	0	5	3	0	16	0	0	0	4	22	8	9	0	31	3	2	0	21	0	283	9	
20106	1984	10	2	0	4	9	0	0	12	0	0	0	26	0	2	0	25	0	26	0	59	0	5	4	22	1	0	0	9	0	81	0	287	10		
20106	1984	11	2	0	15	11	12	5	0	0	0	0	32	0	36	42	0	35	0	7	0	3	3	61	4	4	13	2	8	0	9	0	304	11		
20106	1984	12	12	0	7	53	12	15	0	38	0	65	0	0	0	0	0	0	6	2	0	0	0	35	31	9	24	0	33	23	33	0	398	12		
20106	1985	1	0	14	33	8	37	14	12	4	8	28	35	0	0	0	0	0	0	0	0	0	0	0	0	19	34	35	32	9	17	0	51	390	1	
20106	1985	2	19	15	0	6	0	0	39	5	33	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	153	2	
20106	1985	3	0	10	14	5	0	7	0	0	17	0	18	11	0	7	2	48	9	25	0	0	30	0	0	25	10	0	0	0	0	45	0	283	3	
20106	1985	4	22	0	0	0	0	23	0	0	38	16	28	3	3	0	0	17	9	4	0	0	0	49	0	0	0	0	0	0	0	0	0	212	4	
20106	1985	5	0	0	3	39	0	9	0	0	0	0	0	0	0	12	0	8	16	10	0	25	0	5	12	3	9	0	20	0	0	0	0	171	5	
20106	1985	6	0	0	0	0	0	0	0	0	0	0	0	0	10	0	9	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33	6	
20106	1985	7	0	0	22	0	1	0	0	0	9	0	0	0	0	0	0	0	48	6	11	11	2	0	0	0	0	0	0	0	21	0	0	131	7	
20106	1985	8	0	14	0	0	46	0	13	0	0	0	0	5	0	15	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	115	8	
20106	1985	9	0	17	0	0	0	0	0	0	0	0	12	7	14	4	0	0	21	0	30	0	6	20	80	0	0	4	0	0	0	0	0	215	9	
20106	1985	10	7	5	47	0	0	0	4	0	0	20	12	12	0	58	0	32	11	0	3	0	40	12	0	36	7	0	55	0	3	26	0	390	10	
20106	1985	11	6	13	10	42	19	11	11	29	2	2	0	28	0	38	23	14	7	0	0	0	0	27	3	0	8	7	39	0	19	0	456	11		
20106	1985	12	81	11	4	3	0	0	19	11	25	33	0	0	0	3	6	0	24	6	2	38	0	0	20	0	5	0	34	0	0	0	0	325	12	
20106	1986	1	13	0	0	16	44	9	16	4	49	13	10	0	0	6	5	0	2	0	5	11	7	0	0	0	0	0	0	0	0	30	0	246	1	
20106	1986	2	2	0	0	14	4	30	6	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	5	0	0	0	0	0	0	0	68	2	
20106	1986	3	0	49	44	49	12	0	38	11	47	32	17	8	4	0	4	0	0	8	3	13	10	28	5	28	0	0	4	0	10	7	553	3		
20106	1986	4	16	0	17	68	14	0	0	0	34	13	3	17	6	13	0	8	0	0	0	33	0	13	7	7	29	5	4	47	0	78	0	432	4	
20106	1986	5	1	58	3	0	0	68	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	79	0	0	0	0	0	8	0	220	5
20106	1986	6	0	23	1	0	0	0	0	0	0	0	0	0	0	19	0	12	5	0	0	0	0	0	0	0	0	0	4	0	0	0	0	64	6	
20106	1986	7	3	3	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	4	5	0	73	57	0	0	155	7	
20106	1986	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	18	7	22	0	0	0	0	50	8	
20106	1986	9	0	0	0	0	0	4	8	0	49	0	40	0	19	0	0	0	0	21	0	7	31	24	10	21	7	33	0	0	60	0	334	9		
20106	1986	10	0	55	7	0	54	4	10	0	21	24	22	4	0	27	0	14	8	0	36	0	0	0	7	5	14	109	0	47	7	0	469	10		
20106	1986	11	7	10	0	47	0	0	6	11	0	9	0	0	0	0	0	0	0	0	22	47	0	0	44	35	0	68	24	30	6	0	366	11		
20106	1986	12	0	0	53	98	0	0	14	29	39	60	0	19	8	12	0	0	0	54	0	19	12	10	0	23	6	13	0	15	5	18	0	527	12	
20106	1987	1	0	0	0	0	0	0	0	0	22	35	0	14	4	0	0	0	9	0	0	0	0	0	14	8	10	0	0	0	0	0	146	1		
20106	1987	2	0	3	0	0	0	0	0	0	0	4	21	0	0	0	0	0	0	0	0	0	0	0	23	2	0	0	0	0	6	0	0	59	2	
20106	1987	3	0	0	0	36	32	10	0	0	0	78	0	29	0	0	5	45	0	0	21	0	0	0	0											

# I.1 DAILY RAINFALL DATA (60/72)

Station No.	Year	Month	Day																															Month		
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
20106	1989	2	0	0	35	0	0	0	0	0	0	0	25	0	0	0	0	0	0	19	65	0	0	3	0	19	42	0	0	0	0	0	208	2		
20106	1989	3	0	29	4	0	0	0	0	19	0	0	9	0	21	0	0	0	0	0	0	0	0	12	0	0	0	3	0	0	8	0	12	0	117	3
20106	1989	4	10	0	0	0	54	0	0	0	0	31	3	15	18	0	0	52	0	0	0	0	0	5	0	0	3	12	0	0	32	11	0	246	4	
20106	1989	5	0	0	0	21	11	54	0	0	0	0	0	0	10	4	0	13	0	25	0	4	17	0	0	16	0	0	2	0	0	0	0	177	5	
20106	1989	6	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	0	52	0	4	0	15	0	0	0	0	0	0	99	6	
20106	1989	7	0	0	0	76	0	0	0	0	0	0	0	0	0	0	0	0	0	19	16	0	0	0	0	0	0	0	0	0	0	0	0	111	7	
20106	1989	8	0	0	3	0	0	0	0	47	23	0	16	42	0	0	0	0	0	0	0	0	0	0	7	8	11	20	3	0	0	0	0	180	8	
20106	1989	9	0	53	0	0	0	14	0	0	7	0	0	0	3	0	0	27	0	0	12	23	0	0	3	0	0	0	11	0	6	17	0	176	9	
20106	1989	10	0	5	0	0	0	13	0	0	8	0	3	0	0	0	20	0	0	0	10	21	4	0	1	0	0	11	0	11	0	27	2	136	10	
20106	1989	11	0	0	0	0	16	85	13	27	0	52	17	100	60	0	0	0	0	0	9	6	15	6	0	9	18	0	20	35	15	0	603	11		
20106	1989	12	0	12	17	15	0	0	15	20	31	85	0	0	0	0	0	0	0	0	0	0	0	0	5	10	40	0	6	3	4	20	283	12		
20106	1990	1	38	0	0	0	0	0	0	0	0	0	0	0	40	14	8	23	16	12	6	0	0	83	0	0	0	0	0	0	0	0	0	240	1	
20106	1990	2	0	0	4	30	14	55	35	47	17	4	54	21	0	40	0	0	11	0	2	24	0	8	36	0	0	0	0	0	0	0	0	402	2	
20106	1990	3	0	0	0	0	0	0	0	27	0	20	0	0	0	0	0	0	0	48	31	6	0	0	5	25	17	0	2	0	31	1	213	3		
20106	1990	4	6	0	0	0	0	7	13	8	0	5	0	2	0	0	8	0	100	0	6	15	0	18	0	30	3	0	0	27	0	248	4			
20106	1990	5	12	20	10	0	22	3	70	0	3	0	0	32	18	13	0	6	0	20	0	0	0	0	0	0	0	0	0	0	0	0	8	237	5	
20106	1990	6	0	0	0	0	0	8	30	0	0	0	0	0	0	0	23	0	40	0	28	30	0	0	0	0	18	0	0	24	0	201	6			
20106	1990	7	0	0	11	0	0	0	0	0	0	30	0	10	3	0	0	0	0	0	0	10	5	0	35	0	0	0	9	0	0	113	7			
20106	1990	8	0	0	0	0	0	0	10	30	0	12	0	0	3	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62	8		
20106	1990	9	10	30	27	3	0	0	0	0	0	0	0	13	0	0	0	0	0	50	0	0	0	0	8	0	0	0	0	0	0	0	141	9		
20106	1990	10	0	0	0	0	0	12	28	0	3	0	0	10	0	0	0	0	9	11	20	0	10	18	0	36	20	43	10	63	71	364	10			
20106	1990	11	19	24	11	0	34	0	26	10	0	0	0	0	0	0	0	23	50	0	3	16	34	6	0	0	25	0	0	0	0	0	281	11		
20106	1990	12	0	0	4	0	6	3	0	0	0	30	24	19	54	37	24	19	32	19	6	18	5	0	0	10	0	10	6	0	3	319	12			
20106	1991	1	9	21	17	64	6	0	7	0	10	3	0	0	0	0	23	76	6	0	0	0	0	0	0	0	0	16	0	0	0	258	1			
20106	1991	2	0	0	0	0	0	0	0	0	0	0	18	0	0	68	0	0	4	0	0	22	0	0	0	0	0	0	0	0	0	0	112	2		
20106	1991	3	0	0	3	20	0	0	0	0	0	0	3	7	20	12	0	10	8	36	0	4	0	0	3	72	0	0	3	18	42	261	3			
20106	1991	4	0	11	24	0	3	0	0	4	0	6	0	86	0	33	0	22	0	0	6	4	11	0	0	0	0	3	0	0	0	213	4			
20106	1991	5	39	18	0	0	0	4	0	0	0	7	7	33	48	28	0	15	0	0	0	0	3	0	0	8	0	0	30	26	264	5				
20106	1991	6	0	5	24	4	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45	6		
20106	1991	7	0	4	0	0	0	0	0	0	0	0	4	0	30	0	10	0	0	0	0	0	0	0	0	0	0	16	0	0	0	64	7			
20106	1991	8	0	0	0	0	0	0	0	0	0	0	0	65	27	0	0	14	0	0	0	0	0	38	0	0	0	0	0	0	0	144	8			
20106	1991	9	12	0	0	0	0	24	15	3	0	0	0	0	15	0	0	0	0	0	0	0	41	35	0	0	6	0	0	0	0	151	9			
20106	1991	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	13	0	0	0	0	0	0	95	0	0	65	12	0	203	10			
20106	1991	11	46	40	0	26	3	0	18	0	10	0	0	0	0	23	0	18	15	0	13	32	0	0	6	0	0	0	0	0	0	250	11			
20106	1991	12	0	22	62	4	0	12	0	3	0	5	0	26	22	18	0	5	11	0	3	0	20	0	6	4	0	44	0	0	104	4	6	381	12	
20106	1992	1	18	0	0	14	0	0	0	0	0	0	0	0	0	49	40	8	24	10	8	0	0	4	34	16	3	0	30	0	0	256	1			
20106	1992	2	0	0	0	0	0	6	0	3	0	0	4	0	5	0	10	0	0	0	24	8	3	0	4	12	0	0	0	0	0	79	2			
20106	1992	3	0	0	0	0	8	0	0	8	0	6	0	0	0	0	0	10	8	12	0	0	0	4	2	0	0	0	0	0	0	58	3			
20106	1992	4	0	0	2	0	6	0	0	0	0	45	0	0	65	0	0	22	0	12	3	0	0	6	10	0	0	102	0	0	0	273	4			
20106	1992	5	0	6	0	0	18	11	0	0	0	0	0	20	4	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	65	5			
20106	1992	6	0	0	0	0	16	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	6	0	0	0	38	6			
20106	1992	7	0	0	0	0	8	0	0	0	0	0	17	2	48	0	0	0	0	4	2	0	0	67	0	14	0	0	0	0	262	7				
20106	1992	8	0	0	0	0	0	4	0	0	24	0	0	64	0	21	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	131	8			
20106	1992	9	0	0	0	0	0	0	0	0	0	12	0	6	0	0	0	66	84	24	0	26	8	3	7	0	5	0	0	0	0	355	9			
20106	1992	10	23	0	0	4	7	0	19	0	0	21	0	0	0	0	0	13	0	0	8	0	0	10	0	0	0	0	0	6	56	167	10			
20106	1992	11	0	0	18	0	15	0	23	56	0	0	12	4	0	22	0	22	8	28	62	8	0	6	30	0	0	3	12	40	6	0	375	11		
20106	1992	12	20	4	0	0	30	8	66	0	11	0	0	8	10	28	4	0	17	34	0	0	22	20	6	0	12	0	4	10	0	0	325	12		

# I.1 DAILY RAINFALL DATA (61/72)

Station No.	Year	Month	Day																															Month		
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
20107	1980	1	0	0	31	14	0	0	10	15	0	0	0	42	17	5	0	0	1	0	0	0	0	0	0	0	0	28	3	0	12	0	0	178	1	
20107	1980	2	7	0	0	0	0	0	0	10	16	8	0	7	0	0	0	0	31	51	9	0	0	2	0	0	0	0	0	0	0	0	0	141	2	
20107	1980	3	1	17	0	1	0	0	20	0	1	37	18	0	1	0	62	28	7	27	1	0	2	0	7	13	0	1	2	7	31	1	0	285	3	
20107	1980	4	58	7	22	0	11	2	7	27	50	70	0	0	37	3	1	19	0	1	0	0	2	1	22	6	0	1	0	15	0	0	0	362	4	
20107	1980	5	0	5	2	7	0	0	10	0	32	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	20	28	1	0	0	0	3	111	5	
20107	1980	6	3	9	1	0	100	0	12	0	0	0	0	0	13	0	0	20	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	162	6	
20107	1980	7	41	0	0	0	0	0	0	0	0	0	0	0	0	0	1	11	0	28	0	0	29	14	31	0	0	2	35	1	0	0	0	193	7	
20107	1980	8	52	0	0	16	0	0	0	3	1	0	14	0	0	1	0	45	0	0	0	4	4	0	0	0	0	0	13	0	30	0	2	185	8	
20107	1980	9	1	4	0	0	47	0	0	0	34	0	0	13	0	0	0	0	0	0	0	5	0	11	16	0	0	0	15	5	0	3	0	154	9	
20107	1980	10	0	0	0	16	0	0	3	13	3	4	0	12	0	10	7	0	0	3	0	16	0	2	0	0	11	0	0	0	0	1	80	181	10	
20107	1980	11	0	1	1	8	0	0	20	29	3	1	3	26	0	2	7	0	5	32	21	0	0	1	0	0	0	0	1	8	3	0	0	172	11	
20107	1980	12	33	0	0	0	0	3	21	5	5	0	2	2	4	0	0	7	0	15	0	12	6	4	20	33	0	16	0	13	6	0	207	12		
20107	1981	1	54	5	42	1	0	31	0	0	0	0	0	0	0	0	4	29	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	173	1	
20107	1981	2	0	6	0	0	5	5	1	3	0	0	0	21	26	11	0	0	47	5	0	0	0	0	6	0	50	0	0	0	0	0	0	186	2	
20107	1981	3	0	0	0	0	9	54	0	24	0	0	0	0	0	3	0	0	4	0	2	0	2	1	24	0	0	0	0	0	0	0	2	125	3	
20107	1981	4	35	0	0	20	0	0	4	45	11	0	0	3	0	0	16	0	0	0	0	79	8	1	0	0	0	1	0	0	9	15	0	247	4	
20107	1981	5	8	2	80	0	0	18	0	40	0	0	8	2	0	9	0	11	0	0	7	0	0	0	17	8	4	0	5	0	0	40	259	5		
20107	1981	6	0	0	0	1	5	0	0	0	0	0	11	0	5	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	6	
20107	1981	7	1	0	0	2	0	0	0	2	1	0	0	0	0	28	0	0	0	21	0	0	2	2	0	0	2	0	0	0	0	5	0	66	7	
20107	1981	8	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	9	0	1	0	0	0	0	0	0	0	19	8	
20107	1981	9	36	3	0	0	0	0	0	20	6	5	0	9	20	11	17	6	0	0	39	0	5	0	0	44	0	12	8	0	0	0	0	241	9	
20107	1981	10	0	0	0	0	0	31	7	32	0	1	1	0	26	0	0	0	0	0	0	0	0	4	54	2	18	0	48	28	16	0	0	268	10	
20107	1981	11	5	7	0	0	0	0	14	0	21	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	19	0	0	70	11	
20107	1981	12	5	0	19	31	15	2	0	6	0	0	13	4	5	5	5	75	6	13	20	0	0	2	0	8	0	0	0	0	0	3	5	242	12	
20107	1982	1	0	26	0	0	27	13	4	0	0	1	0	0	0	32	20	5	0	0	0	6	7	0	0	0	0	0	0	15	0	0	0	156	1	
20107	1982	2	0	8	0	65	0	0	0	2	1	0	4	5	0	0	0	0	0	0	0	0	6	7	9	0	0	0	0	0	0	0	0	107	2	
20107	1982	3	5	2	0	0	27	1	0	0	0	0	0	0	0	0	11	0	4	0	15	0	6	3	3	34	3	28	0	12	0	3	157	3		
20107	1982	4	85	0	12	0	13	0	0	3	0	3	0	0	10	0	5	0	0	11	0	0	1	0	0	0	0	0	0	12	1	0	0	180	4	
20107	1982	5	3	0	2	0	0	3	2	0	0	0	0	2	31	49	4	4	2	0	28	0	74	0	0	0	0	1	2	21	18	0	0	248	5	
20107	1982	6	29	6	0	2	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	54	6	
20107	1982	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	0	31	2	0	0	0	0	0	0	0	0	0	0	0	0	46	7	
20107	1982	8	0	0	11	0	5	0	0	9	0	11	0	8	1	0	0	0	7	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	54	8
20107	1982	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	67	0	69	9	
20107	1982	10	1	0	0	0	0	0	4	18	0	0	0	0	61	20	14	0	0	0	0	4	0	3	31	0	25	0	5	4	0	3	193	10		
20107	1982	11	0	0	0	1	0	0	35	15	0	0	9	0	0	0	3	5	0	0	2	16	0	3	13	0	11	43	0	2	2	0	160	11		
20107	1982	12	4	0	0	0	0	30	0	13	41	0	8	0	1	19	10	17	8	18	2	17	40	13	56	0	3	0	0	3	0	0	303	12		
20107	1983	1	0	5	8	0	0	4	0	11	5	0	4	0	28	27	0	0	16	0	25	1	36	2	2	7	0	5	8	0	0	0	194	1		
20107	1983	2	2	2	8	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	13	0	0	0	0	0	28	2	
20107	1983	3	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39	0	0	0	0	0	0	52	3	
20107	1983	4	0	2	2	0	0	37	0	36	0	12	0	0	11	0	0	0	0	0	70	0	63	21	0	12	0	3	0	0	0	0	269	4		
20107	1983	5	9	24	0	0	82	0	11	0	0	0	30	0	0	0	0	0	0	14	0	12	24	0	0	4	0	0	4	0	0	0	214	5		
20107	1983	6	0	54	0	0	0	0	0	0	0	32	2	0	5	0	23	4	0	0	0	0	0	0	13	0	0	0	0	0	0	0	133	6		
20107	1980	7	0	0	1	8	4	35	0	2	0	0	0	0	0	0	0	0	31	5	15	0	0	0	0	0	1	0	0	0	0	0	102	7		
20107	1983	8	6	7	0	0	6	0	4	0	18	0	0	0	0	0	0	0	0	0	0	0	96	0	0	0	0	0	0	0	0	0	0	137	8	
20107	1983	9	0	0	0	5	0	0	0	3	15	2	14	0	5	0	61	0	4	0	0	0	0	2	0	5	0	5	1	0	0	0	122	9		
20107	1983	10	0	0	0	0	16	46	0	0	0	9	0	0	0	0	0	6	0	0	0	40	0	0	1	12	0	56	0	57	22	0	265	10		
20107	1983	11	0	0	3	0	14	0	2	0	48	102	0	0	12	1	0	1	0	0	0	0	0	4	12	9	10	4	31	2	0	255	11			
20107	1983	12	15	0	21	4	0	3	12	0	17	0	0	28	0	0	54	5	0	12	6	1	0	0	0	0	6	0	0	0	26	0	210	12		
20107	1984	1	5	0	0	10	0	15	4	5	34	17	45	0	0	15	0	54	0	10	14	0	37	0	0	0	0	10	0	0	0	0	275	1		
20107	1984	2	29	0	0	0	10	0	10	1	0	0	0	0	2	29	0	0	16	1	0	0	9	0	7	11	14	5	16	39	0	0	199	2		
20107	1984	3	22	5	4	11	1	0	0	36	0	12	0	0	20	0	7	0	6	0	4	0	1	11	1	1	18	1	9	5	0	175	3			
20107	1984	4	0	11	5	0	16	13	0	14	7	53	0</																							

# I.1 DAILY RAINFALL DATA (62/72)

Station No.	Year	Month	Day																															Month total				
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
20107	1986	1	14	17	0	0	0	0	0	21	34	25	17	2	0	0	0	1	0	0	0	0	0	0	31	5	0	0	0	26	18	10	7	228	1			
20107	1986	2	0	0	0	0	24	3	0	0	0	0	0	0	54	21	6	5	0	0	0	0	0	0	3	0	0	10	0	12	0	0	0	138	2			
20107	1986	3	0	22	15	25	20	30	6	11	25	0	10	2	0	0	0	0	5	0	7	23	0	0	0	0	0	5	0	12	0	0	218	3				
20107	1986	4	2	7	0	65	0	0	0	0	0	28	0	0	10	8	20	0	0	0	0	0	0	14	0	0	27	30	0	0	0	0	211	4				
20107	1986	5	0	0	50	0	0	0	0	0	0	0	0	0	0	0	0	2	25	0	0	0	0	0	10	21	4	0	0	0	0	0	112	5				
20107	1986	6	0	0	22	14	0	0	0	0	0	0	0	65	0	0	10	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	119	6				
20107	1986	7	21	0	5	0	0	0	0	0	0	0	0	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51	7				
20107	1986	8	2	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	1	2	10	0	0	0	0	27	8				
20107	1986	9	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	9	0	2	0	16	1	0	58	9				
20107	1986	10	10	10	0	6	0	0	0	21	0	6	49	0	0	2	2	0	10	0	7	5	15	4	0	17	18	0	0	7	0	2	3	194	10			
20107	1986	11	18	0	21	4	0	1	8	0	0	0	0	0	0	0	0	6	8	1	0	1	0	16	0	50	0	0	25	0	0	159	11					
20107	1986	12	0	28	5	34	0	3	10	12	11	2	0	0	0	0	0	0	0	2	3	6	0	0	0	0	0	4	8	24	0	0	162	12				
20107	1987	1	0	0	0	0	0	28	2	40	2	5	0	25	4	0	0	13	4	1	0	5	0	3	0	18	22	4	0	2	0	0	178	1				
20107	1987	2	3	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	33	0	0	4	0	14	0	0	63	2				
20107	1987	3	0	17	2	0	0	0	0	0	0	0	4	0	6	3	0	0	0	0	0	0	0	0	15	0	0	2	54	0	0	0	103	3				
20107	1987	4	0	0	1	0	0	25	0	0	0	12	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	0	0	6	0	95	4				
20107	1987	5	14	5	2	24	0	5	0	0	0	3	0	0	16	2	0	1	0	0	0	0	0	2	0	0	0	3	15	0	2	0	94	5				
20107	1987	6	0	0	27	0	11	0	0	0	0	0	0	0	24	0	0	6	0	0	0	0	0	4	0	0	0	0	18	0	0	0	90	6				
20107	1987	7	0	0	0	2	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	11	7				
20107	1987	8	0	0	0	0	0	14	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	41	8				
20107	1987	9	0	0	0	42	10	0	5	0	0	0	31	0	14	12	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	119	9				
20107	1987	10	1	0	0	0	0	0	0	0	0	0	4	0	25	0	0	0	0	8	5	0	11	12	0	21	0	20	0	0	9	116	10					
20107	1987	11	2	0	20	2	0	0	0	11	0	0	0	0	0	43	5	0	0	0	0	0	0	34	16	10	0	28	0	0	0	171	11					
20107	1987	12	54	10	31	5	0	0	0	0	0	0	17	8	0	5	36	10	6	3	0	0	15	25	44	0	0	4	0	0	0	273	12					
20107	1988	1	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	1		
20107	1988	2	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	2	
20107	1988	3	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	3
20107	1988	4	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	4
20107	1988	5	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	5
20107	1988	6	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	6
20107	1988	7	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	7
20107	1988	8	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	8
20107	1988	9	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	9
20107	1988	10	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	10
20107	1988	11	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	11
20107	1988	12	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	##	12
20107	1989	1	0	20	27	9	29	0	32	2	2	24	0	0	3	9	43	19	8	3	18	31	0	0	0	0	0	0	0	0	0	0	0	279	1			
20107	1989	2	4	0	5	0	0	0	0	7	0	0	0	4	0	0	0	0	22	25	0	0	0	7	0	0	7	7	0	54	0	0	0	142	2			
20107	1989	3	1	28	5	0	9	0	0	0	1	0	3	0	0	0	0	0	0	0	0	0	9	0	48	0	0	1	0	0	7	0	0	112	3			
20107	1989	4	8	4	5	0	1	0	9	24	1	46	11	6	0	0	0	0	6	0	0	0	0	0	13	2	0	13	5	0	2	0	156	4				
20107	1989	5	7	35	4	0	17	12	0	1	0	0	35	0	0	7	0	0	0	28	0	0	0	5	0	13	4	5	0	0	27	0	200	5				
20107	1989	6	5	0	8	0	0	6	0	0	0	0	28	0	0	0	0	0	0	0	0	0	0	32	1	0	0	0	0	0	0	0	0	80	6			
20107	1989	7	6	0	38	0	0	0	0	2	26	0	0	14	11	0	0	0	18	0	0	0	0	0	0	0	0	0	0	3	0	0	118	7				
20107	1989	8	0	0	22	0	0	0	2	0	0	0	0	0	21	18	0	0	0	0	0	0	0	0	0	2	0	0	26	0	1	0	92	8				
20107	1989	9	0	30	0	0	0	0	0	0	0	0	87	24	0	0	15	0	0	0	0	0	0	21	0	8	0	0	0	0	0	0	185	9				
20107	1989	10	23	9	51	0	16	0	0	10	0	0	0	4	0	0	9	0	0	0	0	0	0	0	0	0	0	16	0	66	46	0	0	252	10			
20107	1989	11	0	0	0	0	77	56	73	0	17	0	0	5	0	0	27	21	0	0	5	0	18	20	0	2	0	9	22	4	21	6	0	383	11			
20107	1989	12	13	36	22	2	6	0	15	19	0	1	2	2	0	3	0	0	8	0	28	18	0	0	31	5	25	0	0	0	0	0	0	234	12			
20107	1990	1	31	0	0	5	0	0	0	0	0	0	0	0	24	0	8	0	26	0	4	6	29	5	0	0	0	10	0	0	0	0	146	1				
20107	1990	2	0	0	0	61	9	22	9	17	0	24	10	0	0	0	0	0	0	0	0	0	0	0	0	30	28	0	0	0	0	0	210	2				
20107	1990	3	0	0	0	0	0	0	0	0	0	64	13	0	0	0	0	4	50	0	0	11	0	0	10	10	31	0	0	0	0	0	193	3				
20107	1990	4	0	0	0	0	0	2	0	0	0																											



### I.1 DAILY RAINFALL DATA (63/72)

Station No.	Year	Month	Day																													Month			
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		30	31	
20107	1992	1	37	0	0	0	0	0	10	9	0	0	0	0	0	0	5	15	18	0	0	0	0	0	0	7	0	0	0	0	0	0	0	101	1
20107	1992	2	43	0	0	0	19	0	0	7	0	17	29	0	0	0	0	26	0	0	0	0	15	0	0	0	0	0	9	0	8	0	0	173	2
20107	1992	3	0	0	0	0	0	42	21	36	0	0	7	0	0	0	0	0	0	0	0	0	0	8	20	0	0	0	0	0	0	35	5	172	3
20107	1992	4	0	0	0	15	40	0	0	30	7	0	0	0	71	0	0	0	0	0	0	0	9	2	0	0	0	0	24	0	10	22	0	230	4
20107	1992	5	0	40	7	0	0	12	0	57	8	0	37	50	0	22	0	0	16	0	0	0	0	0	23	0	0	0	0	0	0	0	272	5	
20107	1992	6	0	40	26	0	0	0	0	16	0	0	0	0	0	0	0	10	0	0	43	0	0	0	0	0	0	0	0	0	0	8	0	143	6
20107	1992	7	0	0	0	0	0	0	0	0	0	0	14	0	10	0	0	0	0	0	0	0	0	0	37	0	0	0	18	0	50	0	129	7	
20107	1992	8	0	0	9	0	0	0	0	0	17	0	0	0	0	0	10	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	44	8	
20107	1992	9	0	0	0	0	0	23	0	31	0	0	20	3	0	0	19	6	0	0	0	0	0	13	39	0	0	0	0	0	0	0	154	9	
20107	1992	10	26	0	0	0	22	12	0	0	0	20	6	0	0	0	0	0	63	0	24	0	0	52	0	11	33	0	0	31	0	306	10		
20107	1992	11	53	30	8	0	0	0	20	1	0	22	0	0	0	0	30	5	75	0	9	13	0	5	0	30	0	0	0	5	0	306	11		
20107	1992	12	0	0	0	21	11	0	0	0	0	32	6	36	0	0	50	9	0	14	0	33	0	42	0	0	82	0	4	13	0	362	12		



# I.1 DAILY RAINFALL DATA (65/72)

Station No.	Year	Month	Day																															Month total			
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
20108	1985	1	0	0	0	22	9	6	11	3	0	0	59	0	0	0	0	0	0	0	0	0	0	0	10	17	5	14	0	37	22	20	19	254	1		
20108	1985	2	40	10	0	13	10	16	23	0	15	0	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	166	2
20108	1985	3	10	0	22	11	10	7	0	7	13	0	46	7	8	0	15	74	15	21	0	3	3	45	10	10	0	9	0	0	0	85	0	431	3		
20108	1985	4	36	0	0	10	0	6	0	0	0	38	0	0	8	0	10	0	0	0	0	0	0	0	25	0	0	0	0	0	0	0	0	0	133	4	
20108	1985	5	0	0	6	0	0	9	10	0	0	26	0	18	20	28	0	87	0	8	0	39	10	0	0	7	0	0	0	0	0	0	0	268	5		
20108	1985	6	0	0	0	0	0	0	0	0	0	9	0	0	37	0	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	93	6		
20108	1985	7	0	0	42	0	3	6	0	0	8	0	0	4	0	0	0	0	0	0	41	18	6	0	0	0	0	6	0	0	0	0	0	134	7		
20108	1985	8	0	9	0	0	41	0	0	0	0	0	0	0	0	0	14	0	67	0	0	0	0	0	0	10	0	0	0	0	0	0	0	141	8		
20108	1985	9	17	17	6	0	0	0	0	0	0	2	15	0	9	0	0	0	0	45	0	9	0	0	36	6	0	50	0	3	0	0	215	9			
20108	1985	10	0	0	9	25	0	3	0	0	0	25	0	0	0	3	0	19	0	0	0	0	0	0	3	10	2	0	43	0	9	0	151	10			
20108	1985	11	3	2	44	0	12	3	0	63	0	0	18	0	22	54	8	0	0	0	0	0	0	14	2	0	0	16	6	0	38	0	305	11			
20108	1985	12	33	0	0	12	6	0	0	21	10	8	0	0	0	14	13	0	0	0	0	7	70	0	0	59	25	8	0	0	4	0	290	12			
20108	1986	1	10	12	0	86	58	0	0	29	12	4	0	7	0	9	0	0	0	0	0	0	0	0	0	0	0	4	0	15	10	0	256	1			
20108	1986	2	0	0	6	0	21	32	0	3	2	0	0	0	0	6	55	0	0	0	0	0	0	1	0	0	7	0	6	0	0	0	141	2			
20108	1986	3	21	75	33	20	1	24	9	5	14	48	5	6	3	3	6	0	0	43	75	10	6	0	8	0	0	20	0	1	3	0	439	3			
20108	1986	4	4	7	14	0	7	0	13	0	15	12	15	0	15	3	2	0	0	4	0	45	8	5	0	0	16	18	2	0	6	2	0	213	4		
20108	1986	5	9	0	12	0	0	0	0	0	0	0	0	0	0	36	0	0	0	0	0	0	0	0	0	59	0	0	0	3	0	0	119	5			
20108	1986	6	0	4	0	0	0	0	5	0	0	3	2	10	12	9	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	64	6		
20108	1986	7	0	0	0	0	0	0	0	0	6	0	0	24	0	2	0	0	0	0	0	0	0	0	6	2	1	16	12	0	0	0	69	7			
20108	1986	8	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	0	0	0	40	8	0	27	4	25	0	0	0	128	8				
20108	1986	9	46	0	0	1	11	5	6	2	27	8	16	0	3	0	0	0	0	0	17	38	5	36	15	0	14	29	24	0	0	303	9				
20108	1986	10	2	4	20	13	21	19	8	4	28	6	8	0	0	0	44	8	0	0	0	1	3	2	39	40	0	26	14	0	25	335	10				
20108	1986	11	0	19	7	2	0	4	15	0	0	0	0	0	0	0	0	49	8	0	80	24	22	0	71	0	12	19	0	0	0	312	11				
20108	1986	12	2	6	45	20	0	2	44	29	10	0	12	50	5	0	0	0	58	0	2	0	1	3	12	10	9	14	30	0	17	7	448	12			
20108	1987	1	0	0	6	0	0	0	24	18	4	4	6	0	7	0	0	0	2	0	0	0	5	0	11	22	2	0	0	2	0	0	113	1			
20108	1987	2	0	0	10	14	5	0	0	32	6	3	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	104	2			
20108	1987	3	0	0	10	14	5	14	0	0	83	27	2	25	13	19	0	3	0	26	0	0	43	0	0	0	0	0	0	0	9	0	293	3			
20108	1987	4	11	0	0	2	0	0	21	2	0	0	36	0	25	1	30	0	0	10	7	2	26	6	41	6	29	0	13	3	0	8	0	279	4		
20108	1987	5	0	44	0	6	0	32	15	2	9	6	0	2	21	11	0	0	0	0	0	0	2	11	7	69	0	0	0	0	0	0	237	5			
20108	1987	6	0	0	0	15	0	2	0	0	6	0	0	0	0	20	0	7	0	0	0	0	0	82	0	0	0	0	0	4	0	0	136	6			
20108	1987	7	0	0	0	0	0	0	0	0	0	4	0	0	10	0	0	16	0	0	10	0	0	28	2	6	0	0	0	0	0	0	76	7			
20108	1987	8	0	0	0	3	0	0	0	0	0	42	0	36	64	2	43	0	0	31	0	0	0	0	0	0	0	0	0	2	0	0	223	8			
20108	1987	9	0	0	6	22	0	0	0	0	44	0	0	5	10	35	0	0	13	24	23	0	3	3	0	1	54	0	0	7	0	0	250	9			
20108	1987	10	0	0	0	0	0	0	0	0	32	0	55	2	121	0	5	0	6	0	5	0	6	0	6	0	6	28	0	3	0	0	269	10			
20108	1987	11	2	2	26	37	0	4	25	0	10	0	45	4	0	0	0	0	0	0	1	0	3	0	0	0	0	0	36	0	0	0	195	11			
20108	1987	12	0	8	0	19	18	2	2	8	2	9	43	0	2	0	0	18	3	97	20	0	16	0	0	0	6	2	0	1	2	0	278	12			
20108	1988	1	10	0	0	0	0	25	6	0	0	0	41	20	3	0	0	0	0	0	0	0	27	10	15	0	0	3	8	0	0	0	166	1			
20108	1988	2	4	0	0	0	0	0	0	0	0	0	0	16	44	0	19	1	3	0	0	3	0	3	1	0	1	13	5	0	0	0	113	2			
20108	1988	3	0	0	0	16	53	0	3	0	4	1	1	0	4	0	0	54	0	0	0	59	0	2	2	0	0	0	0	0	0	0	199	3			
20108	1988	4	60	0	7	1	0	3	0	6	48	4	0	0	33	0	0	0	18	18	0	0	0	31	0	55	0	0	31	0	0	315	4				
20108	1988	5	10	52	0	0	0	16	0	0	4	0	0	33	73	2	73	9	0	35	0	0	0	0	0	0	0	0	0	0	0	0	307	5			
20108	1988	6	0	8	0	0	4	0	0	0	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	31	6			
20108	1988	7	1	0	3	26	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	24	0	1	0	7	0	0	0	0	0	69	7			
20108	1988	8	0	0	0	12	0	0	32	8	8	30	14	2	0	22	37	0	8	0	0	27	0	0	0	0	0	0	57	1	19	0	277	8			
20108	1988	9	0	58	0	5	0	1	0	14	6	0	0	0	0	0	0	68	15	5	1	8	0	13	8	16	0	28	0	15	2	0	263	9			
20108	1988	10	5	0	0	0	5	0	0	0	0	0	4	2	13	0	0	0	12	1	7	0	14	0	13	0	0	65	8	4	153	10					
20108	1988	11	5	1	12	0	5	0	26	4	5	0	29	0	0	3	1	4	0	0	18	2	7	0	0	0	0	0	57	0	0	0	179	11			
20108	1988	12	0	0	52	14	5	27	0	0	0	0	61	0	0	0	0	0	0	0	0	3	0	2	0	61	0	1	0	0	0	226	12				
20108	1989	1	6	0	0	0	0	12	4	0	0	0	31	5	0	0	0	24	0	0	10	0	0	5	0	0	0	0	0	10	15	122	1				
20108	1989	2	0	0	15	0	0	0	3	20	0	11	4	0	0	0	14	0	0	4	0	0	0	0	22	39	1	0	0	0	0	133	2				
20108	1989	3	0	50	0	0	0	21	0	0	8	0	12	41	0	1	10	0	9	48	19	0	4	1	11	0	20	19	4	2	15	30	325	3			
20108	1989	4	0	0	36	0	26	12	8	10	0	2	7	0	0	0	25	0	0	0	0	0	0	65	0	48	0	4	0	5</							

# I.1 DAILY RAINFALL DATA (66/72)

Station No.	Year	Month	Day																															Month		
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
20108	1991	1	0	0	0	2	21	0	0	0	0	0	0	0	1	6	10	76	26	4	0	0	13	10	11	0	8	12	16	70	13	0	0	299	1	
20108	1991	2	9	0	0	4	37	0	0	0	0	11	13	28	20	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135	2	
20108	1991	3	0	0	0	0	5	5	22	20	0	0	0	10	3	0	5	1	0	21	0	0	2	0	0	0	0	28	0	7	28	34	20	211	3	
20108	1991	4	0	0	0	6	5	19	0	0	33	19	15	0	5	0	8	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	113	4	
20108	1991	5	10	0	0	54	34	0	0	2	0	0	4	35	10	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	40	0	293	5
20108	1991	6	6	5	25	0	0	0	0	0	0	0	0	0	0	1	0	13	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	53	6	
20108	1991	7	0	0	0	4	0	24	0	0	0	0	0	0	9	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	0	93	7	
20108	1991	8	0	0	0	0	0	0	0	0	0	0	0	6	29	32	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	1	0	76	8	
20108	1991	9	0	22	31	35	0	0	0	6	0	0	0	0	0	0	14	0	10	22	0	0	7	0	0	0	1	0	0	0	0	0	0	148	9	
20108	1991	10	0	0	0	0	0	0	0	0	0	0	0	0	0	15	20	6	0	10	0	3	0	0	0	13	43	0	0	0	23	3	0	136	10	
20108	1991	11	0	0	0	20	11	0	0	0	0	0	17	27	30	3	6	8	6	0	13	2	1	1	76	6	3	4	0	13	29	0	276	11		
20108	1991	12	2	24	8	0	21	0	0	0	22	0	6	23	0	8	20	27	32	29	2	10	7	0	7	0	4	6	10	49	28	2	1	348	12	
20108	1992	1	0	0	0	5	1	0	10	9	0	6	0	0	0	15	28	0	0	0	74	0	10	15	0	0	0	24	3	16	4	0	0	220	1	
20108	1992	2	52	20	0	0	0	36	2	3	0	0	0	0	0	0	10	31	0	0	10	5	22	0	0	0	0	0	0	33	0	0	0	224	2	
20108	1992	3	54	0	0	0	0	45	7	0	0	0	0	0	0	0	0	0	0	0	0	10	30	23	2	0	0	0	0	0	0	0	0	171	3	
20108	1992	4	32	0	24	0	0	0	10	13	0	0	0	0	14	17	0	67	0	0	10	0	0	25	0	0	0	0	0	0	0	0	0	212	4	
20108	1992	5	0	0	10	0	0	0	0	0	62	0	9	0	0	43	0	0	0	0	0	66	28	0	0	0	0	10	0	0	5	0	0	233	5	
20108	1992	6	11	0	0	0	0	22	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	48	6	
20108	1992	7	0	0	0	10	0	19	0	0	7	0	0	0	0	25	0	0	0	0	0	0	0	0	0	0	0	9	0	0	53	33	0	156	7	
20108	1992	8	0	9	0	0	0	8	0	0	0	0	0	0	0	10	0	17	23	0	0	0	0	0	5	0	0	0	0	0	0	0	0	72	8	
20108	1992	9	26	9	10	0	0	0	60	0	5	4	33	0	0	0	54	9	0	0	10	24	0	0	0	11	22	20	0	3	12	0	312	9		
20108	1992	10	0	0	0	0	24	5	0	0	0	7	0	0	0	16	3	19	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	76	10	
20108	1992	11	21	0	13	16	0	0	0	12	0	20	36	80	13	33	0	10	67	4	0	0	0	0	0	0	0	0	20	13	10	0	368	11		
20108	1992	12	20	13	0	16	0	0	4	0	0	24	0	0	0	0	0	6	10	0	57	4	15	0	0	0	0	6	0	10	0	5	190	12		

# I.1 DAILY RAINFALL DATA (67/72)

Station No.	Year	Month	Day																															Month	
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
20111	1984	1	0	0	2	0	0	5	0	18	8	36	19	8	3	0	32	1	0	0	0	30	63	0	0	8	0	0	2	0	8	0	0	243	1
20111	1984	2	19	5	0	0	0	6	32	52	0	0	0	0	0	23	23	0	1	4	4	0	0	0	20	3	21	82	34	0	11	0	0	340	2
20111	1984	3	16	35	1	25	5	0	0	0	0	0	20	0	0	0	0	0	57	0	17	0	55	56	0	0	0	24	0	21	0	0	0	332	3
20111	1984	4	0	0	0	0	0	50	0	2	14	0	42	0	51	0	0	14	0	2	6	0	0	0	20	0	0	0	5	0	0	0	0	206	4
20111	1984	5	9	0	0	20	0	4	53	0	39	0	0	18	0	0	0	0	0	0	6	0	0	0	27	15	0	4	9	0	0	0	0	204	5
20111	1984	6	21	0	3	23	30	2	0	2	0	12	0	0	25	0	0	5	27	0	0	0	0	0	0	15	0	0	43	0	0	2	0	310	6
20111	1984	7	5	0	0	3	0	0	0	0	0	7	0	22	10	0	0	0	9	5	1	0	0	0	24	23	0	8	1	0	0	0	0	118	7
20111	1984	8	0	6	0	7	17	0	0	0	0	0	0	0	0	12	0	0	0	38	3	0	0	0	17	9	0	0	0	0	0	0	18	127	8
20111	1984	9	21	64	23	0	2	0	0	5	0	0	0	0	0	19	6	54	29	77	0	7	0	0	0	16	13	0	30	4	0	0	370	9	
20111	1984	10	0	0	5	0	14	0	0	0	0	0	0	0	14	54	0	8	87	2	30	0	1	5	0	0	0	6	0	0	0	0	226	10	
20111	1984	11	0	0	56	44	3	9	4	0	10	0	29	9	0	20	93	0	10	0	6	0	1	0	19	0	14	0	0	0	0	34	0	361	11
20111	1984	12	0	4	19	0	34	27	22	4	0	3	0	0	0	0	15	52	25	0	3	3	8	23	32	3	0	2	18	10	1	0	308	12	
20111	1985	1	0	10	6	8	5	13	0	70	4	48	40	0	0	0	0	0	0	0	0	0	0	0	0	23	0	2	7	34	1	7	278	1	
20111	1985	2	46	5	0	0	72	0	5	0	6	0	29	0	0	27	0	0	0	0	0	0	0	0	0	0	0	0	14	0	0	0	204	2	
20111	1985	3	0	8	28	0	0	24	23	0	0	0	0	4	0	12	44	0	14	6	0	23	4	0	0	5	0	0	12	0	100	0	312	3	
20111	1985	4	20	0	0	0	5	0	0	76	0	0	0	9	15	0	0	16	0	0	5	0	12	51	20	0	29	45	0	0	0	0	303	4	
20111	1985	5	0	0	0	0	5	0	4	0	0	8	0	5	0	16	0	76	0	0	3	0	35	4	0	0	0	0	0	0	0	0	156	5	
20111	1985	6	0	0	0	0	5	0	0	0	0	0	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	6	
20111	1985	7	6	16	0	0	0	2	19	0	0	0	28	0	0	0	40	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	120	7	
20111	1985	8	0	0	0	0	0	13	0	0	0	0	0	0	1	0	0	0	5	0	4	0	0	0	0	0	0	0	8	0	8	0	31	8	
20111	1985	9	30	29	0	0	0	0	0	11	0	0	51	6	0	0	0	12	32	0	1	15	0	0	1	15	0	0	8	11	0	0	214	9	
20111	1985	10	11	0	0	37	0	3	36	44	0	0	13	0	4	13	0	29	0	0	0	12	22	10	22	37	0	100	0	0	0	396	10		
20111	1985	11	12	0	25	0	15	28	45	0	0	10	46	0	4	0	0	0	0	0	2	22	23	0	0	0	0	0	37	0	17	0	286	11	
20111	1985	12	0	0	52	13	0	26	0	0	10	48	0	67	44	0	43	0	0	16	12	0	0	0	0	30	0	19	0	0	0	0	380	12	
20111	1986	1	0	69	17	15	0	35	32	35	46	56	0	0	0	0	29	7	6	0	0	0	0	16	0	0	0	17	3	0	0	0	383	1	
20111	1986	2	0	15	30	0	34	0	46	0	0	0	0	0	0	0	4	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	135	2	
20111	1986	3	0	19	64	10	18	0	13	0	0	34	0	0	0	10	4	0	0	23	13	0	20	0	0	0	6	0	7	0	31	0	272	3	
20111	1986	4	0	11	37	62	0	0	0	0	17	0	0	9	0	0	16	7	6	0	4	0	0	0	0	57	21	37	0	4	0	0	288	4	
20111	1986	5	0	48	0	60	23	22	0	12	6	0	0	0	0	12	0	42	0	0	17	0	0	0	12	0	0	0	0	0	0	0	254	5	
20111	1986	6	0	0	40	109	4	18	0	0	0	37	62	0	0	11	0	21	0	0	0	0	0	0	0	0	6	0	0	0	0	0	308	6	
20111	1986	7	18	0	0	0	0	0	0	2	6	41	0	0	10	0	0	0	0	0	0	0	0	5	9	17	0	0	0	0	0	5	113	7	
20111	1986	8	14	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	7	0	11	0	0	0	0	46	8	
20111	1986	9	0	11	0	4	0	10	0	5	0	0	6	32	0	0	13	0	0	0	4	0	0	0	46	0	4	0	46	0	0	0	181	9	
20111	1986	10	0	68	0	82	2	0	0	25	10	13	91	0	0	13	0	27	0	0	3	18	0	56	56	0	0	0	0	37	0	481	10		
20111	1986	11	7	0	0	35	0	0	6	32	0	0	0	0	0	0	4	3	20	0	0	12	37	0	104	3	0	25	0	0	285	11			
20111	1986	12	0	0	28	23	92	0	0	29	0	61	19	37	33	0	0	0	0	12	7	6	0	25	0	8	0	14	0	63	0	455	12		
20111	1987	1	0	0	0	0	0	9	12	0	30	0	20	0	32	0	0	0	0	19	0	17	2	6	0	37	0	14	3	4	0	205	1		
20111	1987	2	10	0	0	0	0	0	0	0	0	0	0	0	1	0	0	6	0	0	2	0	0	0	31	0	0	0	0	0	0	0	50	2	
20111	1987	3	0	0	0	0	26	0	0	0	11	0	4	0	0	0	0	0	12	0	0	0	0	0	26	0	17	0	18	0	0	0	114	3	
20111	1987	4	0	48	0	0	0	13	0	0	6	29	0	0	0	0	26	0	0	0	92	23	7	0	0	0	18	0	0	0	0	0	202	4	
20111	1987	5	3	0	8	0	9	0	0	23	0	14	0	7	0	9	0	14	0	5	13	0	0	8	7	0	0	0	21	0	0	0	139	5	
20111	1987	6	2	0	0	0	0	49	0	0	0	0	9	0	16	25	0	13	0	0	0	14	0	0	0	0	0	0	0	38	0	0	166	6	
20111	1987	7	0	0	17	20	0	0	0	7	0	2	0	12	0	0	5	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	68	7	
20111	1987	8	0	11	0	0	0	0	0	15	0	0	0	0	11	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46	8	
20111	1987	9	0	0	0	0	22	23	0	0	0	0	0	0	39	0	0	0	0	0	0	8	4	0	0	0	0	14	0	0	0	110	9		
20111	1987	10	0	0	2	0	0	0	3	5	5	0	0	0	0	19	0	0	0	36	17	0	29	40	0	43	0	25	0	0	0	224	10		
20111	1987	11	17	0	12	0	7	0	0	0	0	0	0	0	0	28	0	10	0	25	0	18	0	56	0	18	0	29	2	0	0	222	11		
20111	1987	12	24	14	6	7	0	17	20	4	3	16	0	0	9	9	0	18	0	11	0	24	11	0	6	0	3	3	0	8	0	12	225	12	
20111	1988	1	14	12	6	3	0	0	0	0	7	5	0	54	6	0	0	0	0	0	13	0	64	0	0	0	0	0	9	0	0	0	193	1	
20111	1988	2	0	8	0	53	0	0	0	6	14	21	0	0	6	0	10	0	19	24	20	0	0	0	0	0	12	0	0	0	0	0	193	2	
20111	1988	3	65	0	0	0	10	57	0	86	0	15	0	0	0	21	0	30	29	92	0	11	0	17	0	0	0	0	0	0	0	433	3		
20111	1988	4	0	20	6	11	0	72	0	0	26	0	0	0	0	45	24	0	17	9	0	48	0	0	9	0	16	9	0						

# I.1 DAILY RAINFALL DATA (68/72)

Station No.	Year	Month	Day																															Month total	
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
20111	1990	1	0	0	16	0	0	0	0	0	2	3	12	0	0	59	0	0	0	0	0	11	6	0	29	19	0	0	39	0	0	0	0	196	1
20111	1990	2	14	24	9	9	2	22	0	37	19	17	0	0	0	0	24	0	12	0	0	1	18	10	6	0	0	0	0	0	0	0	224	2	
20111	1990	3	0	0	0	0	0	0	0	139	0	0	0	0	57	0	0	0	0	28	49	0	0	2	0	0	0	0	0	0	0	0	275	3	
20111	1990	4	0	0	0	2	0	0	0	7	20	14	135	0	0	0	18	4	0	0	0	10	0	0	69	0	0	0	19	0	0	0	299	4	
20111	1990	5	16	11	4	0	2	0	59	0	0	70	0	48	0	0	36	0	0	0	0	0	0	0	0	0	0	0	14	0	0	0	260	5	
20111	1990	6	0	9	2	17	0	0	0	14	2	0	0	0	0	0	0	0	0	17	0	27	0	0	0	0	0	0	46	0	12	0	146	6	
20111	1990	7	0	0	0	0	0	36	18	0	0	0	2	18	50	29	0	16	9	0	0	6	49	0	0	0	0	0	0	19	20	272	7		
20111	1990	8	0	0	11	0	0	0	0	0	12	6	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	6	60	0	37	135	8		
20111	1990	9	18	32	9	0	0	49	0	0	0	0	0	0	15	3	0	0	36	0	2	0	0	0	0	0	0	0	14	6	0	184	9		
20111	1990	10	0	0	0	50	0	0	0	0	16	0	70	23	0	0	0	0	0	0	0	16	37	59	47	18	26	9	18	0	0	389	10		
20111	1990	11	0	19	9	37	50	11	6	0	0	0	36	13	0	7	0	0	48	13	11	28	0	16	12	14	0	9	0	0	339	11			
20111	1990	12	11	27	47	24	10	19	23	30	0	36	16	0	0	0	3	0	0	12	1	0	0	0	0	19	11	7	0	0	296	12			
20111	1991	1	24	0	0	15	0	0	0	39	9	0	48	28	39	14	0	26	10	2	0	0	0	0	0	37	11	0	0	0	302	1			
20111	1991	2	0	13	0	0	0	49	0	0	0	0	5	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74	2		
20111	1991	3	0	18	0	0	0	0	0	0	3	0	0	0	40	0	0	0	18	0	0	2	49	17	0	50	0	0	0	18	213	3			
20111	1991	4	0	0	37	29	0	19	40	11	5	43	0	0	19	0	7	0	50	0	0	12	0	4	29	0	0	0	18	0	0	333	4		
20111	1991	5	0	49	25	0	0	21	7	0	2	36	0	0	19	49	0	0	24	17	0	0	0	17	0	12	19	0	0	17	314	5			
20111	1991	6	11	4	0	0	0	0	0	0	0	0	0	0	0	33	0	0	0	0	0	0	0	0	0	49	10	0	0	0	107	6			
20111	1991	7	0	0	0	0	30	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0	0	0	36	86	7				
20111	1991	8	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	8		
20111	1991	9	0	0	0	0	0	0	0	0	0	0	0	0	54	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0	0	71	9		
20111	1991	10	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	10		
20111	1991	11	0	50	54	0	0	0	0	0	39	19	0	29	11	50	29	0	4	0	0	0	29	19	0	59	29	11	17	0	449	11			
20111	1991	12	40	46	23	16	0	0	18	12	0	6	0	27	36	11	80	49	40	0	14	19	0	49	27	0	18	0	0	0	511	12			
20111	1992	1	0	19	7	14	0	0	0	12	5	0	0	12	9	3	0	0	0	0	18	0	19	11	3	0	0	24	20	0	0	176	1		
20111	1992	2	12	9	0	0	11	6	3	2	6	2	13	0	0	0	0	18	9	0	0	3	0	0	0	0	0	12	0	0	106	2			
20111	1992	3	0	29	0	19	49	0	0	0	0	0	0	0	0	0	0	0	39	50	0	0	0	0	0	29	16	0	0	6	237	3			
20111	1992	4	11	0	0	0	0	23	16	0	0	0	19	23	0	4	9	0	0	0	39	25	13	0	4	0	0	11	0	0	197	4			
20111	1992	5	0	0	0	9	30	0	0	0	18	6	0	0	11	0	3	0	0	0	0	12	29	0	0	0	56	0	0	0	174	5			
20111	1992	6	0	18	24	0	0	41	0	0	0	0	18	26	0	0	0	0	0	16	0	0	19	0	0	0	8	0	0	170	6				
20111	1992	7	2	0	0	0	0	0	0	25	0	0	9	0	0	0	0	0	11	0	0	0	0	0	57	50	18	24	0	196	7				
20111	1992	8	20	39	16	0	0	42	0	0	12	0	0	29	13	29	0	0	0	0	0	0	0	0	0	12	0	0	0	0	212	8			
20111	1992	9	0	0	0	0	0	0	29	13	0	0	0	11	32	0	0	0	0	0	23	0	48	20	0	0	18	0	0	194	9				
20111	1992	10	39	0	0	49	39	29	0	0	0	0	0	25	11	0	0	0	43	29	19	0	0	0	9	23	0	0	0	315	10				
20111	1992	11	39	30	11	16	0	0	18	29	0	42	0	12	24	38	0	23	19	49	38	49	0	16	23	16	26	0	27	0	545	11			
20111	1992	12	10	0	0	6	7	0	2	0	0	59	50	18	11	0	0	17	6	0	0	2	0	0	0	0	0	0	30	0	218	12			







# I.1 DAILY RAINFALL DATA (71/72)

Station No.	Year	Month	Day																															Month	
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
05109	1983	1	1	0	2	21	0	0	0	4	0	0	3	10	10	0	54	24	5	0	19	0	18	0	76	1	4	0	0	1	0	0	253	1	
05109	1983	2	0	2	0	54	0	0	0	0	0	0	0	0	0	1	0	7	0	0	37	4	1	0	0	0	2	0	0	0	0	108	2		
05109	1983	3	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	1	0	0	8	0	0	1	0	0	0	0	0	12	3		
05109	1983	4	0	0	11	3	0	0	0	0	11	0	0	8	0	0	0	0	0	14	1	13	8	4	5	0	0	32	0	4	0	231	4		
05109	1983	5	0	26	0	0	0	0	0	3	1	29	2	9	0	9	0	0	0	2	6	24	0	3	0	0	0	0	0	0	0	114	5		
05109	1983	6	0	0	34	2	0	13	0	0	24	1	2	0	0	21	0	0	2	0	0	0	1	0	0	0	0	0	0	0	100	6			
05109	1983	7	0	0	0	21	9	16	0	0	1	0	1	0	0	0	0	0	37	1	0	14	0	0	0	0	0	0	0	9	0	109	7		
05109	1983	8	19	11	8	0	1	0	0	6	0	21	7	0	0	0	0	2	0	0	0	0	75	1	0	0	0	0	5	0	67	0	223	8	
05109	1983	9	1	0	0	1	0	10	0	9	72	1	9	0	0	1	0	0	0	0	0	0	1	0	58	0	1	13	0	0	0	177	9		
05109	1983	10	0	11	0	0	0	7	17	6	0	0	4	0	20	0	0	0	8	0	4	10	16	1	0	8	32	0	49	0	33	5	231	10	
05109	1983	11	0	0	0	0	0	0	3	0	3	0	17	79	0	0	26	0	0	0	0	0	0	0	0	0	23	23	12	3	43	0	232	11	
05109	1983	12	4	29	0	54	7	0	4	8	1	5	30	7	0	12	9	0	0	42	22	19	2	0	0	1	12	0	0	0	0	12	278	12	
05109	1984	1	0	0	0	0	2	0	23	0	29	0	14	2	16	14	2	0	0	3	53	21	0	2	7	0	0	3	7	5	0	10	213	1	
05109	1984	2	77	0	0	0	12	19	0	2	0	0	0	13	16	0	2	5	4	0	0	0	1	2	8	0	0	8	5	17	0	0	191	2	
05109	1984	3	12	6	6	9	20	0	0	0	43	0	0	0	0	1	17	0	34	0	0	0	17	0	17	0	0	2	10	9	1	12	0	216	3
05109	1984	4	0	0	6	0	2	8	23	2	14	5	16	59	7	17	0	49	0	0	0	0	24	0	19	0	0	37	0	2	0	0	290	4	
05109	1984	5	4	25	0	21	0	17	0	3	97	4	14	16	0	0	0	0	1	0	0	0	0	2	0	7	40	1	0	0	8	260	5		
05109	1984	6	0	48	0	4	15	8	0	43	0	9	0	0	0	6	0	39	2	0	0	0	0	34	13	8	0	8	0	5	0	242	6		
05109	1984	7	0	0	0	55	0	0	0	0	0	4	1	0	0	0	31	2	10	0	0	0	0	27	0	3	0	0	0	2	0	135	7		
05109	1984	8	0	2	0	1	7	0	0	0	0	0	0	0	0	0	1	20	0	0	3	1	0	0	0	0	0	0	9	9	56	109	8		
05109	1984	9	11	5	24	0	20	2	0	9	0	0	0	0	38	0	12	25	53	1	2	0	0	0	2	24	0	30	0	0	0	258	9		
05109	1984	10	0	0	5	2	9	0	0	0	0	0	18	10	0	1	10	27	11	47	1	13	36	30	8	0	0	2	1	6	0	237	10		
05109	1984	11	0	8	5	1	10	0	3	1	0	11	0	0	1	181	0	14	0	27	21	2	0	5	0	32	0	0	0	9	0	0	251	11	
05109	1984	12	0	5	0	0	10	7	5	2	10	0	0	0	0	0	20	7	0	0	0	17	2	18	26	0	0	14	30	0	0	0	173	12	
05109	1985	1	0	0	2	0	29	33	0	14	0	45	37	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	6	2	1	174	1	
05109	1985	2	0	0	14	0	2	100	3	0	14	15	11	3	0	9	0	0	0	0	0	0	0	0	0	0	0	23	0	0	0	194	2		
05109	1985	3	1	1	0	9	10	11	2	0	0	0	11	0	4	46	0	1	0	24	13	9	0	8	0	0	3	0	20	9	0	182	3		
05109	1985	4	0	0	0	0	1	0	0	11	0	17	4	6	2	0	2	0	10	0	1	0	61	0	2	2	0	5	0	0	0	124	4		
05109	1985	5	0	0	0	0	6	0	0	0	43	10	1	11	0	14	0	3	19	0	1	12	7	1	35	0	0	0	0	0	0	163	5		
05109	1985	6	0	0	0	1	0	0	5	0	0	0	1	0	0	0	29	0	14	0	0	0	0	0	0	0	0	0	7	17	0	74	6		
05109	1985	7	0	30	0	0	0	0	0	18	0	0	0	21	2	0	0	0	46	0	0	22	0	0	4	0	0	10	1	0	0	154	7		
05109	1985	8	0	0	0	36	0	0	0	0	0	0	0	0	33	0	15	0	0	7	0	0	0	0	1	0	0	0	0	0	42	134	8		
05109	1985	9	0	6	6	0	0	0	0	6	0	0	0	5	0	0	0	7	0	1	0	0	8	10	0	0	22	0	6	3	1	0	81	9	
05109	1985	10	0	1	15	9	0	25	7	2	6	0	7	0	12	0	0	17	0	0	0	6	9	47	0	35	3	8	2	0	0	12	72	295	10
05109	1985	11	0	0	53	0	0	5	53	0	7	2	33	0	3	0	1	1	0	0	0	2	1	0	0	0	0	27	0	27	2	0	217	11	
05109	1985	12	0	14	1	0	1	10	26	0	18	0	0	1	50	1	0	0	5	0	5	0	0	1	30	1	3	0	0	0	0	302	12		
05109	1986	1	0	10	4	5	10	22	39	36	57	3	0	0	0	11	28	0	3	0	0	1	0	0	1	0	6	0	0	6	7	249	1		
05109	1986	2	25	4	15	45	0	85	0	0	0	0	0	0	0	1	1	0	0	0	0	16	0	1	0	0	0	0	0	0	0	193	2		
05109	1986	3	1	39	50	0	10	5	18	0	0	0	28	0	0	2	1	1	38	0	8	3	3	1	5	0	0	0	0	31	9	0	253	3	
05109	1986	4	10	0	88	5	3	0	0	0	8	0	4	71	4	6	1	1	0	11	2	19	3	11	15	43	0	2	1	3	85	0	396	4	
05109	1986	5	16	0	7	0	33	0	0	74	1	0	0	0	4	5	0	0	0	0	0	0	0	0	0	23	0	1	0	0	0	164	5		
05109	1986	6	0	15	53	3	30	1	0	0	5	62	14	7	0	3	1	2	0	0	0	0	0	0	0	0	12	0	0	7	0	215	6		
05109	1986	7	0	0	25	0	0	0	0	58	2	6	0	0	0	0	0	0	0	0	0	0	0	48	11	5	11	4	0	21	0	1	190	7	
05109	1986	8	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	0	30	0	0	0	2	59	8		
05109	1986	9	18	0	22	0	43	8	37	16	4	17	55	0	0	5	0	0	0	0	0	22	12	6	5	7	27	0	2	0	28	0	334	9	
05109	1986	10	2	3	0	15	0	0	0	0	11	15	81	0	0	6	0	41	0	5	19	5	4	0	0	13	5	0	4	4	1	4	218	10	
05109	1986	11	2	0	8	4	0	12	19	0	0	0	0	0	4	0	0	0	0	9	22	10	1	6	0	15	3	57	0	1	1	0	174	11	
05109	1986	12	1	0	15	57	11	9	20	3	5	4	0	11	18	1	0	0	0	0	10	10	0	0	6	2	5	0	0	2	0	190	12		
05109	1987	1	0	0	0	0	2	18	0	49	4	12	1	7	2	0	0	4	0	5	2	44	1	0	0	0	13	0	0	5	0	169	1		
05109	1987	2	0	0	0	0	4	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	9	0	3	0	0	4	0	3	0	0	26	2	
05109	1987	3	4	2	61	0	0	0	0	0	3	0	4	13	0	22	1	0	0	0	2	0	0	1	0	1	0	5	0	19	0	2	140	3	
05109	1987	4	9	0	53	3	0	6	0	0	26	6	4	0	51	0	9	0	4	2	0	4	16	5	12	0	3	12	17	1	0	13	0	356	4
05109	1987	5	1	3	0	9	0	6	7	3	0	0	0	6	3	2	0	0	22	0	0	4	0	0	4	0	17	0							

# I.1 DAILY RAINFALL DATA (72/72)

Station No.	Year	Month																																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
05109	1989	1	0	7	26	10	0	6	1	1	6	1	0	0	16	8	78	10	22	2	12	16	1	0	0	0	0	0	0	0	0	0	0	325	1		
05109	1989	2	2	0	6	0	0	0	0	5	0	0	0	0	0	0	0	1	3	1	0	0	2	1	0	10	7	0	45	0	0	0	83	2			
05109	1989	3	1	49	14	0	22	0	0	0	0	0	0	0	0	3	0	0	0	10	0	67	1	0	36	0	0	1	10	1	0	215	3				
05109	1989	4	12	0	60	0	2	0	27	6	0	7	4	8	0	3	0	0	0	21	0	0	0	0	1	9	4	12	7	0	1	0	184	4			
05109	1989	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5			
05109	1989	6	2	1	50	0	0	9	2	0	0	0	0	6	0	0	0	0	0	25	0	0	0	13	0	0	0	5	0	0	2	0	0	115	6		
05109	1989	7	0	0	14	23	1	0	0	24	17	0	0	0	4	8	12	0	14	21	0	0	0	0	0	0	0	0	0	0	0	0	0	138	7		
05109	1989	8	0	0	16	0	0	1	0	1	1	0	0	0	32	16	25	0	0	0	0	0	2	1	0	1	0	0	62	0	7	0	0	165	8		
05109	1989	9	4	19	12	0	0	0	0	14	0	0	55	0	11	0	0	10	42	4	0	0	4	6	14	0	7	0	10	0	0	0	0	212	9		
05109	1989	10	0	10	87	0	20	0	11	10	12	0	0	0	1	0	0	0	0	0	0	0	14	0	0	18	0	10	0	48	13	0	0	254	10		
05109	1989	11	1	3	0	17	12	22	21	1	4	0	0	62	0	0	10	38	0	0	0	8	17	0	0	2	14	4	5	34	3	0	0	278	11		
05109	1989	12	5	17	24	0	2	0	52	44	3	0	10	6	0	6	0	0	1	2	21	1	0	0	0	0	5	3	4	14	20	25	5	0	270	12	
05109	1990	1	3	0	0	0	0	0	0	0	0	11	0	8	0	19	0	15	0	0	0	0	0	0	0	3	2	0	0	0	0	0	0	61	1		
05109	1990	2	0	0	5	1	16	13	12	0	6	15	0	0	0	0	0	0	0	15	14	0	0	11	0	0	1	0	0	0	0	0	0	0	109	2	
05109	1990	3	0	0	0	0	0	0	0	34	1	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	41	3
05109	1990	4	2	0	0	0	0	0	6	0	25	6	1	78	0	1	0	0	0	0	0	0	0	11	0	1	1	76	1	1	0	0	3	0	213	4	
05109	1990	5	29	1	0	8	1	0	12	0	0	0	0	0	5	0	10	0	18	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	85	5	
05109	1990	6	0	0	0	16	47	0	19	0	0	0	2	0	0	0	0	0	0	1	3	35	29	0	0	0	0	0	0	8	0	4	0	0	164	6	
05109	1990	7	0	0	0	30	0	0	2	0	1	88	27	0	0	8	0	7	0	0	0	0	0	6	0	41	2	2	8	0	3	0	0	225	7		
05109	1990	8	4	0	0	0	0	0	22	1	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	14	17	0	0	83	8	
05109	1990	9	0	12	1	7	0	0	56	2	1	10	2	0	10	0	0	0	6	0	0	3	0	0	1	3	0	0	0	0	0	9	0	0	123	9	
05109	1990	10	0	0	0	6	0	1	3	0	7	2	0	27	0	0	0	0	3	17	12	3	10	0	0	9	82	0	11	1	0	0	10	0	204	10	
05109	1990	11	31	0	6	0	0	15	8	0	6	0	0	42	1	4	0	0	47	2	74	17	10	2	12	1	5	5	1	3	0	0	0	293	11		
05109	1990	12	3	10	0	10	23	2	0	5	3	7	0	5	0	4	7	7	12	10	4	0	23	0	0	0	0	1	0	20	11	0	0	0	174	12	
05109	1991	1	2	16	12	0	1	0	0	0	1	0	0	18	16	13	23	9	28	0	0	0	1	0	2	5	2	7	0	0	0	0	0	0	156	1	
05109	1991	2	0	0	1	0	1	0	0	0	0	0	10	42	14	1	9	0	8	0	6	0	0	3	0	0	1	0	26	0	0	0	0	0	122	2	
05109	1991	3	0	0	0	0	0	0	4	87	0	0	0	69	0	72	0	22	0	21	60	0	1	0	0	5	0	13	8	8	87	0	58	515	3		
05109	1991	4	0	0	1	7	1	0	12	5	7	12	0	31	0	0	26	5	1	0	52	0	33	0	0	19	23	0	0	0	0	0	0	0	235	4	
05109	1991	5	7	0	1	0	2	1	0	3	1	23	0	15	0	1	3	0	1	0	2	2	14	0	5	0	0	0	8	0	0	1	1	0	91	5	
05109	1991	6	22	0	53	1	1	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0	0	2	4	0	0	0	0	0	103	6	
05109	1991	7	0	0	0	0	0	0	2	0	0	0	0	0	0	0	11	0	0	1	0	0	35	0	0	0	0	0	0	0	0	0	0	0	0	49	7
05109	1991	8	0	1	0	0	0	0	0	34	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	16	0	0	59	8	
05109	1991	9	37	0	22	3	0	0	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	67	9	
05109	1991	10	0	0	0	0	0	0	0	0	0	0	0	96	0	42	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	7	1	0	149	10	
05109	1991	11	0	2	28	45	10	4	9	0	0	24	0	20	0	0	0	71	0	3	0	12	0	9	0	9	2	0	2	15	74	0	0	0	337	11	
05109	1991	12	0	0	28	5	4	0	13	3	0	25	0	0	0	8	18	11	39	6	8	42	4	7	0	18	8	2	35	0	0	9	293	12			
05109	1992	1	0	0	0	1	0	0	14	0	0	0	0	24	0	7	31	3	21	1	0	0	0	0	0	0	0	2	25	5	0	0	6	140	1		
05109	1992	2	49	0	64	21	0	15	3	0	2	4	0	0	0	0	0	2	3	0	0	0	2	0	2	0	0	0	4	12	0	0	0	0	183	2	
05109	1992	3	22	0	0	34	61	1	16	2	0	0	0	0	0	14	0	0	0	1	0	2	9	3	0	7	0	0	27	12	0	0	0	0	211	3	
05109	1992	4	0	8	0	3	5	2	6	9	0	1	58	0	0	8	0	1	0	0	0	19	9	0	0	2	22	0	8	11	0	0	0	0	172	4	
05109	1992	5	18	23	0	1	8	7	67	11	0	0	17	0	0	0	58	0	3	27	0	34	7	30	0	1	0	0	5	1	5	55	378	5			
05109	1992	6	58	2	26	4	0	0	2	0	0	13	20	26	0	92	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	250	6	
05109	1992	7	0	1	2	0	0	27	0	5	1	47	24	1	5	0	0	0	8	0	2	0	0	0	11	0	0	11	22	13	0	0	0	0	180	7	
05109	1992	8	7	15	3	0	0	0	0	2	2	0	0	1	0	6	0	0	0	0	4	0	3	0	0	1	0	0	0	0	0	0	0	0	0	44	8
05109	1992	9	0	0	0	0	0	0	9	1	0	70	0	3	76	0	5	0	0	1	0	0	0	24	17	20	0	1	0	10	0	0	0	0	237	9	
05109	1992	10	1	1	0	53	1	1	0	0	53	0	0	0	0	0	2	0	7	0	2	0	0	13	0	46	34	0	0	15	10	30	0	0	269	10	
05109	1992	11	9	100	0	1	0	0	24	1	0	15	0	0	0	0	15	5	55	0	17	10	0	0	0	27	1	0	15	0	1	0	0	0	296	11	
05109	1992	12	0	10	13	3	2	0	16	0	8	15	39	0	27	4	1	12	19	15	12	2	1	49	1	22	0	1	42	0	11	0	24	0	349	12	
05109	1993	1	26	8	4	4	27	55	0	0	0	0	5	0	5	33	0	0	32	0	36	32	1	0	0	0	0	0	9	11	0	0	0	0	286	1	
05109	1993	2	0	0	1	20	0	1	2	0	0	0	0	37	8	0	47	23	0	0	5	0	0	0	0	0	0	6	53	6	0	0	0	0	209	2	
05109	1993	3	41	1	0																																

# I-2 SIMULATED 5-DAY DISCHARGE BY SUB-BASIN OF KAMPAR RIVER SYSTEM

(1/11)

Kampar River Basin			Sub-basins																Total			
Year	Month	5-Day	K-01	K-02	K-03	Kotapanjang	K-04	K-05	K-06	K-07	K-08	K-09	K-10	K-11	K-12	K-13	K-14	K-15	K-16	K-17	K-18	Total
1981	1	1	70.0	30.9	46.0	146.9	97.8	59.4	18.6	55.2	72.7	31.6	29.1	24.5	126.6	55.1	195.0	511.5	595.3	183.5	336.6	2539.4
1981	1	2	55.0	23.4	45.1	123.5	81.7	50.4	16.2	32.8	42.6	22.5	27.5	22.6	74.8	45.2	106.6	236.1	295.9	89.3	214.7	1482.4
1981	1	3	40.6	15.5	57.1	113.2	61.9	58.2	19.9	17.8	23.1	15.6	43.7	23.4	48.1	42.1	63.3	143.5	174.2	53.5	125.5	1027.0
1981	1	4	36.7	13.8	42.9	93.4	110.1	54.4	17.6	26.4	34.3	20.4	33.0	32.5	60.0	49.7	50.1	108.2	113.6	41.2	84.3	929.2
1981	1	5	46.6	18.6	47.9	113.1	80.2	51.1	16.1	30.0	39.2	21.4	29.2	25.2	80.6	40.1	40.9	87.0	74.4	29.2	60.5	818.2
1981	1	6	30.5	12.7	27.0	70.2	48.2	31.4	10.1	17.6	23.1	13.0	17.9	15.4	49.1	24.7	28.3	63.4	58.5	23.0	47.2	541.1
1981	2	1	27.1	10.9	33.8	71.8	39.5	53.7	15.1	45.7	59.8	28.8	28.2	16.1	82.1	28.2	33.8	57.5	49.3	18.9	48.0	676.5
1981	2	2	24.8	9.8	50.1	84.7	54.4	71.3	22.3	43.2	56.5	29.4	43.7	22.7	95.5	37.9	43.0	52.9	46.6	18.6	41.6	764.3
1981	2	3	40.3	12.8	82.3	135.4	60.7	93.7	31.4	26.4	34.4	24.5	70.2	33.8	67.6	53.2	40.5	115.5	81.8	91.2	69.6	1029.9
1981	2	4	46.2	16.7	59.5	122.4	54.8	69.5	23.0	22.7	29.5	20.8	47.0	26.3	55.9	41.1	33.0	87.4	54.2	53.3	47.2	788.1
1981	2	5	53.2	19.8	65.7	138.7	47.2	65.5	21.8	17.2	22.5	17.2	47.2	23.8	50.0	36.3	27.3	72.4	62.9	27.1	42.6	719.7
1981	2	6	52.9	21.7	45.2	119.8	89.5	48.6	16.0	23.0	30.3	17.8	31.1	25.1	71.8	41.2	101.5	273.3	366.8	68.8	148.4	1473.0
1981	3	1	42.1	16.4	55.2	113.7	81.4	60.4	19.3	21.3	27.9	18.7	39.3	28.8	60.3	43.4	47.4	117.1	105.1	47.5	70.6	902.2
1981	3	2	86.0	38.5	55.5	174.0	68.5	63.0	20.0	24.9	32.6	21.1	39.5	26.4	71.7	41.2	47.1	197.1	99.4	161.4	94.5	1182.4
1981	3	3	80.4	34.1	71.5	174.0	50.1	81.7	26.5	30.9	40.4	25.1	60.4	24.0	81.2	39.5	42.0	134.4	66.2	76.9	58.7	1012.0
1981	3	4	63.0	24.0	89.2	174.0	37.8	93.2	32.0	17.5	23.0	20.8	75.5	30.3	50.0	47.7	26.9	86.7	51.9	44.7	43.0	865.0
1981	3	5	51.8	19.1	73.4	162.5	32.2	90.4	28.3	47.4	61.5	34.6	57.1	24.4	91.6	41.8	37.4	106.7	43.9	67.9	40.6	968.3
1981	3	6	42.3	14.8	54.2	111.3	49.0	74.2	23.7	37.6	48.7	28.4	43.3	23.5	79.9	39.1	37.8	86.5	43.1	46.6	38.0	810.7
1981	4	1	81.8	31.5	94.1	174.0	87.9	111.6	35.3	48.4	63.2	38.8	70.6	40.6	113.5	67.5	62.4	117.3	84.3	44.8	55.2	1210.8
1981	4	2	100.0	41.1	86.7	174.0	372.7	101.2	31.3	70.3	91.5	44.7	52.2	82.0	131.9	116.1	112.6	186.3	186.5	66.0	79.3	1898.6
1981	4	3	111.6	43.3	143.2	174.0	207.8	144.6	47.5	43.9	57.7	39.9	103.4	77.7	138.9	124.6	105.4	265.6	220.2	77.9	110.0	1939.1
1981	4	4	77.6	30.5	82.4	174.0	125.1	82.4	27.5	26.3	34.8	24.3	57.8	44.4	95.9	73.8	76.2	217.3	176.4	91.4	114.9	1442.5
1981	4	5	107.9	42.6	111.2	174.0	121.5	92.5	31.4	18.8	25.1	21.9	71.0	45.6	76.6	82.2	102.6	362.8	356.7	176.2	252.9	2011.8
1981	4	6	121.8	50.8	97.4	174.0	92.0	81.1	27.3	18.6	24.7	20.7	60.9	36.3	69.5	67.5	83.5	201.8	222.0	73.2	128.5	1381.6
1981	5	1	115.5	50.3	76.7	174.0	88.2	64.7	21.1	22.6	29.6	20.4	42.4	30.5	60.3	55.2	72.4	157.7	164.5	72.6	112.6	1188.8
1981	5	2	101.0	45.0	56.7	174.0	224.9	44.7	14.4	16.5	21.8	14.7	28.1	46.1	57.7	64.5	53.9	176.4	124.3	98.2	87.1	1247.3
1981	5	3	82.8	35.0	78.5	174.0	166.4	78.6	24.9	29.7	38.7	23.0	53.2	47.1	62.8	71.2	56.3	125.4	109.0	61.3	62.5	1184.1
1981	5	4	82.6	32.5	90.3	174.0	126.3	93.6	30.9	26.3	34.3	25.5	68.1	46.4	73.6	76.6	70.3	122.3	142.8	43.5	64.8	1219.3
1981	5	5	61.1	24.6	59.2	174.0	109.1	52.6	17.6	14.1	18.6	14.4	37.1	32.0	52.4	53.3	70.5	166.6	217.6	56.7	94.5	1181.1
1981	5	6	83.4	35.4	71.8	174.0	84.4	55.3	19.1	9.4	12.3	9.8	47.6	32.4	36.5	51.9	42.1	120.5	115.2	52.4	63.8	926.7
1981	6	1	51.2	21.6	38.7	174.0	86.0	29.5	10.1	7.4	9.6	7.6	23.7	25.5	25.4	36.6	26.8	75.3	66.4	44.4	46.4	694.7
1981	6	2	40.8	17.7	25.2	174.0	55.8	24.1	8.2	10.9	14.2	7.5	17.2	16.0	27.5	25.2	46.2	102.1	161.7	45.0	56.2	791.8
1981	6	3	34.2	14.4	31.0	174.0	43.1	22.3	7.6	7.2	9.3	6.2	17.4	14.0	21.3	23.6	27.9	77.7	75.9	34.0	39.6	601.1
1981	6	4	27.0	11.3	21.4	174.0	35.0	20.5	6.8	9.7	12.5	6.6	14.2	11.7	20.7	20.0	21.5	55.4	50.4	26.2	36.6	521.8
1981	6	5	24.2	10.9	17.4	174.0	26.9	16.8	5.7	7.1	9.2	5.6	11.5	9.1	17.2	15.8	17.9	45.1	41.3	23.5	36.4	463.1
1981	6	6	20.6	8.9	14.5	118.6	24.9	16.1	5.6	7.1	9.1	5.6	11.1	8.2	17.0	14.3	17.4	40.8	40.6	19.4	36.1	391.9
1981	7	1	20.5	8.8	14.3	43.6	24.7	16.0	5.5	7.0	9.0	5.5	11.0	8.2	16.9	14.1	17.6	48.0	47.6	31.7	41.7	348.1
1981	7	2	20.3	8.8	14.3	43.4	24.5	15.9	5.5	6.9	8.9	5.5	11.3	8.1	16.8	14.0	26.0	54.7	91.1	22.9	80.4	435.9
1981	7	3	20.2	8.7	18.9	47.8	108.3	34.0	9.3	44.4	57.7	21.2	12.3	20.5	65.4	36.8	72.6	100.7	164.0	19.2	121.4	935.6
1981	7	4	28.8	10.3	54.7	93.8	106.9	82.6	24.6	59.9	77.6	37.1	44.1	31.8	97.9	61.2	100.4	155.3	208.8	40.9	138.3	1361.2
1981	7	5	24.7	8.9	34.9	68.5	69.5	45.3	14.3	24.2	31.3	18.1	24.3	20.6	57.7	38.4	64.7	163.0	154.0	90.1	146.8	1030.8
1981	7	6	24.9	11.0	23.2	59.1	35.5	25.4	8.2	12.5	16.3	9.6	15.1	11.0	34.7	20.1	35.9	99.6	82.0	52.5	135.1	652.6
1981	8	1	22.5	9.2	21.8	53.5	26.2	18.5	6.2	8.1	10.5	6.6	12.0	8.8	21.1	15.9	22.2	56.1	52.6	27.6	63.5	409.4
1981	8	2	19.7	8.5	14.9	43.1	24.0	15.8	5.4	6.8	8.8	5.4	10.6	7.9	17.0	13.7	17.6	43.0	41.5	19.9	43.3	323.8
1981	8	3	19.6	8.4	13.8	41.8	23.8	15.4	5.3	6.7	8.7	5.3	10.5	7.8	16.4	13.6	16.8	39.5	39.4	17.9	35.3	304.2
1981	8	4	19.4	8.4	20.3	48.1	31.8	29.5	3.3	21.6	27.9	13.2	16.7	11.5	30.5	20.7	23.9	39.2	39.0	20.2	34.8	417.9
1981	8	5	19.3	8.3	32.7	60.3	37.5	41.3	13.1	19.9	25.7	15.2	25.8	15.3	29.0	25.6	18.5	39.0	38.8	17.7	34.6	457.3
1981	8	6	19.2	8.2	28.6	56.0	32.7	30.2	9.7	11.0	14.2	9.5	20.6	12.9	19.3	21.1	17.7	38.7	38.5	17.6	34.4	384.1
1981	9	1	29.8	10.9	54.2	94.9	23.2	66.6	20.3	35.1	45.4	25.0	40.6	15.9	44.9	31.3	28.5	38.4	40.9	17.4	34.1	602.5
1981	9	2	81.5	34.5	75.8	174.0	28.9	66.4	20.9	32.0	41.4	24.7	39.3	17.2	57.6	38.4	81.3	178.9	217.4	87.5	154.4	1260.3
1981	9	3	112.0	47.4	93.9	174.0	31.6	72.5	22.8	34.8	45.4	26.8	42.8	17.7	80.8	39.2	76.5	164.2	166.4	65.5	140.5	1201.5
1981	9	4	67.0	26.6	86.4	174.0	27.7	95.8	29.7	64.1	83.2	42.5	52.4	19.9	110.5	46.3	75.1	110.6	111.7	42.5	99.3	1185.3
1981	9	5	51.1	18.8	78.8	174.0	25.5	78.9	25.1	34.1	44.4	27.4	48.6	16.9	78.3	37.1	54.8	93.4	84.9	35.7	74.1	933.2
1981	9	6	41.9	14.8	60.0	174.0	23.9	66.7	20.8	35.0	45.7	26.1	38.3	14.3	81.0	32.0	55.7	116.1	77.4	55.3	66.7	929.0
1981	10	1	27.4	10.9	34.5	93.3	29.8	38.8	12.0	20.2	26.4	15.1	21.3	10.2	49.2	19.4	33.1	71.7	53.4	34.7	43.3	571.9
1981	10	2	41.6	14.9	58.5	115.0	63.8	60.3	18.6	41.6	54.4	26.6	33.6	19.5	81.8	41.1	117.8	208.5	310.7	54.3	138.9	1386.5
1981	10	3	68.8	27.7	67.3	163.8	50.6	74.3	21.5	71.0	92.4	42.7	31.0	15.9	127.2	42.6	134.1	227.9	298.0	66.1	147.3	1606.4
1981	10	4	86.6	38.3	54.9	17																

# I-2 SIMULATED 5-DAY DISCHARGE BY SUB-BASIN OF KAMPAR RIVER SYSTEM (2/11)

Kampar River Basin																	Total					
Year	Month	5-Day	K-01	K-02	K-03	Kotapanejang	K-04	K-05	K-06	K-07	K-08	K-09	K-10	K-11	K-12	K-13	K-14	K-15	K-16	K-17	K-18	Total
1982	2	4	63.2	24.3	95.5	174.0	36.0	82.1	27.8	14.3	18.7	16.6	68.2	22.1	42.9	36.0	28.0	56.2	57.9	18.2	31.7	730.7
1982	2	5	98.6	37.2	122.9	174.0	44.9	142.8	45.6	55.4	72.2	47.2	89.8	37.9	102.9	67.6	52.9	65.4	73.3	23.8	43.7	1139.4
1982	2	6	64.7	25.1	63.8	174.0	35.9	71.1	22.9	32.7	42.4	26.1	42.5	22.5	65.5	39.4	39.9	50.9	50.3	18.2	31.9	766.2
1982	3	1	61.3	23.1	82.9	174.0	79.5	89.2	28.8	36.0	46.8	29.9	56.2	34.2	81.0	55.4	65.5	100.7	144.5	29.2	61.4	1112.3
1982	3	2	91.2	29.9	171.7	174.0	98.9	161.7	54.4	38.4	50.0	39.2	123.1	55.9	99.4	94.8	87.0	185.5	196.4	87.4	144.7	1690.8
1982	3	3	68.3	26.3	68.1	174.0	68.3	78.4	25.0	46.6	60.5	31.9	46.2	28.4	85.4	49.1	68.7	111.4	128.7	40.9	99.4	1142.9
1982	3	4	90.3	35.0	116.9	174.0	83.3	128.3	40.2	69.1	90.0	49.9	77.0	35.5	144.0	63.8	88.6	158.2	145.7	51.8	132.5	1531.9
1982	3	5	168.0	70.0	161.6	174.0	130.3	132.0	44.0	35.6	46.6	34.8	102.8	54.5	118.7	87.3	79.2	173.8	152.1	41.0	108.2	1514.9
1982	3	6	105.1	41.2	103.8	174.0	182.4	97.7	32.8	25.0	32.9	25.9	68.8	57.3	85.8	86.9	88.2	226.1	249.4	84.0	145.5	1662.7
1982	4	1	92.6	36.3	108.7	174.0	193.4	119.1	37.1	65.5	85.4	47.2	73.2	56.4	125.3	91.7	104.5	198.8	206.8	66.7	206.6	1851.7
1982	4	2	95.6	35.0	120.5	174.0	142.6	153.8	47.5	107.3	141.1	72.0	80.0	55.4	304.1	108.0	221.1	556.3	504.0	124.1	327.5	3118.8
1982	4	3	136.9	53.6	206.1	174.0	247.7	255.7	82.1	110.8	144.4	87.5	163.7	98.6	257.5	181.4	210.8	464.5	438.2	164.2	294.4	3375.5
1982	4	4	182.1	62.1	283.3	174.0	235.2	291.9	98.4	69.6	90.8	68.0	225.7	117.8	207.5	200.1	163.1	347.9	360.8	104.3	208.2	2963.3
1982	4	5	154.2	61.0	146.2	174.0	183.5	144.6	49.0	40.9	53.3	41.2	104.3	69.0	120.8	119.7	124.8	268.4	299.5	96.7	206.5	2096.2
1982	4	6	106.3	42.8	96.7	174.0	164.8	103.6	34.4	35.4	46.4	32.6	71.2	55.7	104.1	93.6	87.3	216.4	183.8	97.6	155.0	1655.9
1982	5	1	169.3	60.7	265.0	174.0	178.3	292.4	96.7	91.6	119.0	81.3	220.2	101.8	188.1	172.8	95.4	209.2	130.9	151.9	142.1	2445.5
1982	5	2	114.8	44.4	115.7	174.0	285.8	152.5	48.9	76.5	99.1	58.7	91.1	84.3	157.9	129.9	102.8	225.4	123.5	127.8	138.5	2076.7
1982	5	3	148.5	57.0	165.1	174.0	211.6	205.7	65.3	102.7	133.4	77.7	128.0	83.4	203.7	142.3	92.4	155.1	96.8	71.8	92.3	2036.2
1982	5	4	135.2	54.5	129.6	174.0	147.2	148.7	48.4	62.1	80.4	50.2	93.0	60.2	130.1	109.3	132.6	219.0	284.1	68.5	152.8	1960.6
1982	5	5	110.6	40.8	156.9	208.1	122.2	153.6	52.0	39.6	51.4	38.4	117.1	58.6	109.2	105.0	94.2	190.3	181.4	50.1	117.0	1688.2
1982	5	6	79.9	31.1	94.5	205.5	131.5	121.5	38.2	65.3	84.8	46.6	73.6	46.3	113.6	83.5	115.1	154.6	213.3	33.7	98.5	1625.6
1982	6	1	87.8	29.1	161.7	278.6	239.2	202.6	65.8	76.6	99.4	64.8	135.1	93.9	177.8	152.6	117.6	165.3	166.1	32.8	93.4	2148.6
1982	6	2	83.2	29.4	122.3	234.9	116.5	134.7	45.4	36.5	47.5	35.7	101.6	53.1	96.5	91.0	68.5	93.9	96.4	25.0	56.2	1333.4
1982	6	3	72.2	29.3	61.7	174.0	66.8	70.3	23.1	26.9	35.1	22.8	45.0	28.0	59.7	50.4	39.8	62.5	61.5	19.2	46.1	831.2
1982	6	4	49.5	20.2	37.2	174.0	50.3	41.9	13.5	17.8	23.2	14.9	25.3	18.8	40.1	33.5	31.8	51.2	50.8	16.8	36.9	640.8
1982	6	5	39.1	16.4	29.7	174.0	37.7	32.6	10.6	14.7	19.0	11.5	20.0	14.2	31.4	25.6	25.6	40.2	39.1	16.6	32.9	545.1
1982	6	6	33.3	14.1	24.5	174.0	28.6	26.5	8.6	11.2	14.5	9.3	16.2	11.2	25.5	20.4	20.2	38.9	37.6	16.4	31.8	490.9
1982	7	1	30.0	12.5	22.6	174.0	44.3	22.4	7.3	8.7	11.3	7.4	14.7	13.0	20.5	18.8	17.7	38.5	37.3	16.2	31.5	483.6
1982	7	2	27.5	11.4	24.2	174.0	28.1	26.7	8.4	10.5	13.7	8.7	16.6	10.8	22.9	18.0	17.6	38.2	37.0	16.1	31.2	478.5
1982	7	3	27.5	12.0	19.0	174.0	26.0	19.5	6.3	13.6	17.7	8.8	12.2	8.7	26.5	15.3	18.6	37.9	36.6	16.0	31.0	468.7
1982	7	4	26.0	10.8	37.9	174.0	44.3	35.9	11.3	9.9	12.9	9.8	28.2	17.1	25.0	28.3	20.0	47.1	45.6	30.6	44.4	584.4
1982	7	5	27.5	11.5	20.6	174.0	24.8	20.5	6.5	7.6	9.8	6.5	13.6	9.2	19.4	16.4	17.5	43.3	43.8	20.5	32.6	466.0
1982	7	6	24.2	10.3	16.9	174.0	23.6	17.9	6.0	7.5	9.7	6.1	11.8	8.4	18.3	14.7	17.1	37.3	36.9	15.7	30.4	435.4
1982	8	1	29.2	12.8	21.4	174.0	29.5	20.3	6.9	7.4	9.6	6.1	15.8	10.7	18.2	17.3	17.5	37.0	43.0	15.5	32.1	460.9
1982	8	2	27.3	11.4	35.1	174.0	23.3	36.6	12.4	9.4	12.4	9.4	12.4	9.4	12.4	22.1	26.1	60.6	63.3	15.4	35.2	576.4
1982	8	3	29.7	11.1	42.9	174.0	78.8	39.9	13.3	9.2	12.1	9.7	29.9	25.1	35.4	41.3	48.3	123.9	174.1	25.8	100.4	941.2
1982	8	4	26.9	10.4	31.3	174.0	91.2	22.6	7.5	7.3	9.4	6.0	17.4	22.2	18.7	30.6	20.3	49.0	57.1	15.2	75.8	624.3
1982	8	5	24.0	9.9	22.0	174.0	54.3	17.8	6.0	7.2	9.3	5.9	12.6	15.3	17.8	20.4	16.7	36.2	36.0	15.1	31.8	476.4
1982	8	6	22.9	9.3	21.2	174.0	29.6	21.5	6.9	11.7	15.4	8.4	13.9	10.3	25.8	15.9	20.3	40.4	36.7	14.9	29.4	475.1
1982	9	1	54.7	26.3	23.2	174.0	38.3	19.0	6.0	16.0	20.8	10.0	12.3	10.6	30.9	16.3	20.4	35.7	34.7	14.8	29.2	489.0
1982	9	2	38.2	18.6	17.5	174.0	26.5	17.2	5.8	7.4	9.6	5.8	11.3	8.9	17.4	14.6	16.3	35.4	34.4	14.7	28.9	428.4
1982	9	3	29.7	14.3	17.1	174.0	24.0	21.8	7.0	12.0	15.5	8.7	12.7	8.9	22.8	16.0	17.2	35.1	34.2	14.5	28.8	453.0
1982	9	4	31.1	13.9	16.9	174.0	50.4	19.7	6.2	15.6	17.6	9.3	11.4	12.8	20.0	18.4	16.2	34.8	33.9	14.4	28.4	481.1
1982	9	5	31.6	14.4	15.6	174.0	25.8	16.9	5.7	7.4	9.6	5.7	11.1	8.0	17.1	14.0	16.0	34.5	35.1	14.3	28.1	423.3
1982	9	6	24.6	10.8	15.5	174.0	22.5	16.7	5.6	6.9	8.9	5.7	11.0	7.9	17.0	13.9	15.9	36.2	33.5	22.1	27.9	425.7
1982	10	1	23.2	10.0	15.4	174.0	22.3	16.6	5.6	8.7	11.3	6.3	10.9	7.9	22.2	13.8	21.1	67.3	82.1	24.3	37.5	531.9
1982	10	2	26.2	9.7	59.6	113.3	29.6	70.2	21.9	39.3	51.2	27.0	43.4	15.3	77.3	34.8	97.1	148.6	255.9	27.9	72.9	1125.7
1982	10	3	49.4	17.9	62.4	129.7	98.4	67.7	20.9	38.0	49.3	27.3	37.8	30.1	76.6	50.7	73.3	121.3	149.7	26.7	55.4	1052.9
1982	10	4	43.4	15.4	59.0	117.8	94.3	60.1	19.2	26.0	34.0	20.7	37.1	29.8	63.6	49.8	62.1	114.3	133.9	29.5	51.5	943.7
1982	10	5	38.1	13.4	57.3	108.8	46.5	62.2	19.4	30.3	39.6	23.2	36.6	18.7	63.0	34.2	45.2	61.8	76.4	16.1	29.1	711.1
1982	10	6	37.1	13.6	50.1	100.8	28.9	59.5	18.4	45.8	59.5	28.2	35.7	14.9	71.1	30.5	65.3	83.1	120.8	24.8	56.1	843.4
1982	11	1	48.7	18.1	59.5	126.3	25.8	76.4	22.8	44.5	58.0	32.3	38.8	14.0	92.0	32.4	76.3	90.7	124.4	15.8	59.5	930.0
1982	11	2	108.7	40.0	186.8	215.6	43.0	170.8	57.0	39.9	52.2	38.9	134.3	41.2	117.2	74.3	77.3	192.7	139.2	115.5	80.5	1589.6
1982	11	3	76.4	28.0	92.2	215.6	35.8	99.3	32.6	31.8	41.1	30.5	66.4	28.5	99.3	54.5	70.7	160.9	145.8	55.4	81.8	1249.0
1982	11	4	75.5	29.0	77.3	215.6	34.1	76.7	25.6	22.1	29.0	21.0	54.8	24.7	68.5	44.4	50.5	111.6	111.2	30.2	55.4	975.4
1982	11	5	104.4	41.3	107.6	215.6	56.6	102.5	34.7	19.2	25.0	23.8	79.4	35.5	58.4	60.3	62.6	132.2	160.2	56.2	103.8	1226.0
1982	11	6	100.4	40.5	95.0	215.6	65.5	92.4	31.5	16.4	21.4	21.0	72.1	35.5	49.9	57.8	56.2	109.9	141.0	47.9	81.2	

# I-2 SIMULATED 5-DAY DISCHARGE BY SUB-BASIN OF KAMPAR RIVER SYSTEM

(3/11)

Kampar River Basin			Kampar River Basin																	Total		
Year	Month	5-Day	K-01	K-02	K-03	Kotapinjang	K-04	K-05	K-06	K-07	K-08	K-09	K-10	K-11	K-12	K-13	K-14	K-15	K-16		K-17	K-18
1983	4	1	89.7	40.8	43.9	174.0	46.9	46.3	13.8	22.3	28.4	15.1	26.9	18.3	45.5	28.3	22.5	37.7	41.6	16.1	68.1	651.8
1983	4	2	103.9	40.7	123.4	174.0	51.4	99.9	33.7	14.8	22.0	24.0	80.0	32.1	56.0	54.8	33.6	55.3	43.4	27.4	52.5	854.9
1983	4	3	68.5	28.4	55.1	174.0	30.6	41.6	12.9	10.7	13.6	11.1	27.2	14.5	29.8	24.9	21.5	33.9	33.6	13.5	26.6	520.0
1983	4	4	95.8	36.1	142.3	174.0	46.0	113.6	37.0	25.7	32.1	21.9	92.1	30.9	53.6	55.3	27.7	49.3	79.3	14.4	53.0	905.9
1983	4	5	99.0	39.2	95.5	174.0	76.1	68.1	22.5	12.8	17.5	15.1	51.0	33.4	35.6	58.2	55.9	103.4	187.4	29.7	119.6	1060.3
1983	4	6	93.6	40.1	64.1	174.0	61.4	48.4	16.0	9.0	12.6	13.2	34.7	24.0	27.7	43.5	60.3	98.7	168.5	27.2	133.4	952.6
1983	5	1	98.9	43.6	59.8	174.0	45.1	49.6	15.9	11.5	22.7	29.6	28.3	18.5	71.6	36.4	59.0	80.5	96.9	14.6	83.4	837.6
1983	5	2	222.0	106.3	78.8	174.0	52.3	78.9	25.8	19.1	39.6	43.4	39.5	22.4	156.7	49.0	71.6	143.5	77.4	40.9	77.9	1112.0
1983	5	3	208.2	99.4	62.2	174.0	56.1	58.9	18.8	21.4	35.1	29.0	28.1	19.7	103.5	40.1	63.1	130.6	64.4	30.1	87.8	960.7
1983	5	4	109.4	49.8	46.3	174.0	31.5	43.0	13.8	10.3	19.7	20.4	21.1	12.1	64.9	27.5	57.1	106.8	96.2	20.3	65.8	784.5
1983	5	5	108.9	49.4	47.1	174.0	31.1	33.0	10.5	9.0	14.4	15.8	16.4	11.3	73.9	22.1	50.9	106.9	79.7	15.0	43.2	707.2
1983	5	6	98.0	45.8	36.5	174.0	24.5	26.3	8.5	7.3	11.1	9.8	15.2	9.5	41.8	18.8	31.1	64.9	61.6	13.0	35.0	552.4
1983	6	1	70.0	32.1	27.5	174.0	21.2	22.6	7.3	7.1	9.3	7.9	13.7	8.4	27.2	16.6	22.9	47.0	42.1	20.0	29.2	476.5
1983	6	2	56.7	25.3	29.4	174.0	20.6	23.2	7.6	7.1	9.2	8.0	16.1	8.3	25.1	15.4	19.3	43.1	33.6	14.0	26.2	450.8
1983	6	3	95.9	47.3	26.3	174.0	20.5	19.4	6.3	7.0	9.2	6.5	12.0	7.7	23.1	14.0	17.3	35.5	31.4	12.8	25.9	422.6
1983	6	4	142.8	66.2	54.2	174.0	20.4	26.7	8.8	6.9	9.1	7.7	20.8	8.1	38.1	14.6	16.5	34.4	31.3	12.7	25.7	455.8
1983	6	5	66.9	28.6	48.9	174.0	20.2	29.8	9.8	6.9	9.0	6.2	26.9	7.6	25.7	13.5	15.5	33.0	31.0	12.6	25.4	447.1
1983	6	6	37.4	15.8	26.9	174.0	20.0	19.1	6.2	6.8	9.0	5.8	14.3	7.5	19.7	13.4	15.4	32.7	30.7	12.4	25.1	412.1
1983	7	1	29.8	12.5	26.5	174.0	26.0	25.2	8.5	6.8	9.5	8.3	17.4	9.4	26.0	19.6	36.8	87.0	120.5	23.0	52.7	650.7
1983	7	2	60.3	27.2	38.1	174.0	50.7	30.7	10.2	6.7	8.8	7.1	24.0	16.2	31.4	30.7	61.8	182.7	239.2	50.6	109.4	1034.2
1983	7	3	68.2	30.9	37.7	174.0	27.2	25.3	7.8	6.7	8.8	5.7	19.3	10.1	27.2	21.8	50.8	131.3	184.0	21.1	83.3	804.4
1983	7	4	56.2	23.5	58.6	174.0	26.9	47.0	16.2	9.3	13.1	12.0	44.2	14.7	35.0	28.0	38.0	121.1	113.4	38.4	66.1	797.4
1983	7	5	89.7	41.8	39.8	174.0	23.3	38.4	12.4	8.9	13.6	12.0	24.2	12.4	37.8	25.0	35.1	77.3	77.7	20.6	42.4	635.1
1983	7	6	46.8	21.4	21.2	174.0	20.1	19.7	6.4	6.6	8.9	10.4	12.7	7.7	26.5	14.5	31.0	43.0	52.0	12.6	30.3	476.4
1983	8	1	52.8	25.6	18.6	174.0	19.3	17.8	5.7	6.5	8.6	8.6	10.9	7.3	24.9	13.8	47.4	45.6	111.5	12.1	32.5	546.5
1983	8	2	74.3	29.0	96.1	174.0	19.2	78.6	28.4	6.5	8.5	10.5	84.0	19.1	27.0	32.8	26.0	47.4	53.7	21.5	28.0	665.2
1983	8	3	66.9	28.1	51.2	174.0	19.0	40.0	14.0	6.4	8.4	7.1	34.7	9.6	24.5	18.8	18.8	36.5	38.3	19.6	25.5	495.2
1983	8	4	39.7	15.5	43.3	174.0	20.1	35.6	12.4	6.3	8.4	6.0	31.7	7.4	19.3	14.6	15.4	32.0	30.7	11.8	24.4	450.1
1983	8	5	30.0	12.5	38.5	174.0	80.1	32.0	10.0	13.7	14.3	5.5	25.9	20.7	29.5	27.8	15.2	64.4	32.6	36.6	28.6	610.9
1983	8	6	28.8	11.5	67.2	158.6	26.2	47.6	16.1	6.5	8.3	5.8	46.6	17.4	20.0	26.7	14.8	32.1	29.8	13.1	24.0	493.6
1983	9	1	26.3	10.0	32.1	68.4	37.2	21.6	7.1	6.2	8.2	7.2	16.9	11.2	17.9	16.7	14.7	35.2	29.5	19.5	23.8	341.3
1983	9	2	69.6	22.3	173.3	174.0	190.6	136.2	47.7	8.6	11.0	19.1	128.8	80.6	56.6	107.2	17.0	87.9	29.3	62.0	95.2	1251.8
1983	9	3	62.5	23.2	70.7	174.0	84.2	65.7	21.4	20.1	27.6	20.0	45.3	32.3	51.2	50.5	21.1	58.1	29.2	41.4	45.8	787.9
1983	9	4	124.6	59.1	70.4	174.0	72.2	65.7	21.5	16.1	20.7	17.8	45.5	30.1	42.4	48.0	18.1	39.4	29.0	23.6	28.3	692.4
1983	9	5	92.9	41.1	43.4	174.0	41.6	36.5	11.2	13.7	14.5	8.6	24.1	16.5	22.4	26.5	18.3	40.8	66.6	17.7	39.6	572.4
1983	9	6	57.8	25.2	29.2	174.0	31.3	27.8	8.2	13.5	19.1	14.2	16.2	11.7	30.6	19.3	21.2	32.0	40.1	13.4	60.1	532.7
1983	10	1	58.5	27.1	23.3	174.0	26.1	23.1	7.2	12.3	16.3	9.4	13.6	9.8	21.9	17.2	30.1	121.5	60.1	152.6	124.6	819.8
1983	10	2	72.6	24.8	155.6	174.0	24.3	135.9	48.6	8.6	11.2	15.1	138.3	34.9	32.9	59.9	25.8	105.2	64.5	75.7	91.0	1045.9
1983	10	3	62.2	23.0	68.2	174.0	48.8	64.1	20.9	14.3	15.6	11.2	48.8	29.2	32.9	45.2	23.7	70.2	57.4	33.9	55.8	746.0
1983	10	4	143.7	64.0	75.8	174.0	43.8	63.0	21.4	7.8	13.1	23.6	41.4	23.2	51.6	41.3	38.9	51.6	56.8	17.4	70.6	739.5
1983	10	5	100.3	43.8	57.2	174.0	68.5	51.3	16.4	17.6	22.9	15.6	33.2	23.3	50.0	39.2	54.6	155.1	122.0	111.8	127.2	1082.7
1983	10	6	75.1	30.3	76.2	174.0	61.6	67.0	22.7	7.3	11.0	15.0	54.0	27.6	42.5	48.6	65.1	194.2	186.4	110.1	219.1	1306.2
1983	11	1	63.8	26.7	47.0	215.6	68.2	48.2	15.0	17.4	27.2	21.5	27.0	20.1	67.3	38.3	83.3	154.4	194.8	58.2	173.9	1230.4
1983	11	2	71.6	30.7	48.4	215.6	75.1	58.4	18.7	12.8	30.1	38.7	24.0	20.9	103.2	41.9	86.6	145.2	141.0	53.3	120.5	1186.0
1983	11	3	66.2	26.1	68.9	215.6	90.6	84.1	28.0	16.6	32.5	36.5	47.6	32.4	106.2	59.0	88.9	261.9	167.1	152.0	132.6	1551.6
1983	11	4	39.0	15.6	37.6	129.3	56.0	48.1	14.4	32.4	40.5	18.8	23.7	18.3	63.6	31.9	55.0	126.9	115.3	47.2	98.7	920.1
1983	11	5	31.2	12.8	24.6	68.6	53.0	31.2	8.8	19.1	25.6	11.2	16.0	15.4	44.6	22.2	29.6	67.4	57.7	22.8	50.5	543.7
1983	11	6	83.5	35.7	71.9	191.1	71.3	76.9	23.9	32.2	45.2	30.2	43.8	25.0	86.0	45.3	87.2	149.6	200.1	46.4	88.5	1242.7
1983	12	1	132.9	60.0	71.8	215.6	54.7	73.5	23.3	27.9	38.9	26.5	43.9	23.7	74.7	47.8	65.9	151.5	123.5	83.5	77.5	1152.4
1983	12	2	111.6	50.1	60.0	215.6	48.0	55.3	17.1	21.9	33.0	22.0	30.6	19.7	66.0	42.9	50.4	115.2	86.5	53.4	59.7	937.3
1983	12	3	110.5	47.6	80.6	215.6	91.0	76.4	23.6	29.8	39.5	22.5	48.2	32.0	68.2	72.5	133.2	316.0	445.3	104.7	245.8	1964.3
1983	12	4	154.3	63.5	149.8	215.6	89.4	189.5	59.8	67.6	85.1	58.0	127.4	49.2	153.5	111.2	133.9	251.0	282.9	80.7	172.5	2127.3
1983	12	5	166.7	63.5	208.4	215.6	125.9	241.7	82.9	42.4	67.6	74.8	178.0	81.7	176.6	164.6	120.7	183.2	169.2	47.7	124.8	2097.4
1983	12	6	116.0	50.0	80.5	215.6	71.8	96.0	32.5	20.1	34.8	34.9	63.9	35.8	81.9	77.6	75.7	114.7	95.1	30.6	77.7	1158.7
1984	1	1	84.4	36.0	58.6	215.6	55.8	68.6	23.0	11.1	20.4	22.9	46.1	27.1	55.1	56.9	49.9	68.9	61.8	20.8	48.9	852.9
1984	1	2	69.4	28.8	56.0	215.6	46.4	28.8	24.6	64.2	80.8	35.6	43.3	20.5	99.3	46.7	55.0	70.0	51.9	24.0	65.1	1011.5
1984	1	3	103.1	42.6	83.2	215.6	46.4	106.0	32.6	65.1	85.7	45.2	59.3	28.0	114.2	60.0	83.8	138.3	106.3	57.9	135.7	1380.1
1984	1	4	96.3	38.4	95.4	215.6																

## I-2 SIMULATED 5-DAY DISCHARGE BY SUB-BASIN OF KAMPAR RIVER SYSTEM (4/11)

Kampar River Basin																						
Year	Month	5-Day	K-01	K-02	K-03	Kotapanning	K-04	K-05	K-06	K-07	K-08	K-09	K-10	K-11	K-12	K-13	K-14	K-15	K-16	K-17	K-18	Total
1984	5	4	67.0	26.8	67.8	174.0	154.7	86.3	25.8	50.2	74.6	46.3	43.8	41.3	135.4	70.7	78.1	153.2	127.6	63.8	75.1	1400.9
1984	5	5	79.0	25.1	194.1	272.7	119.4	224.2	71.5	82.2	97.7	52.9	160.0	71.8	145.7	124.8	75.4	120.7	86.1	33.2	53.2	1791.5
1984	5	6	54.5	18.2	74.4	174.0	64.3	85.3	26.4	42.1	50.2	23.1	54.8	31.1	75.3	58.5	61.1	133.7	121.5	50.5	62.2	1114.1
1984	6	1	70.9	25.2	92.4	174.0	174.4	98.0	30.3	49.8	60.6	28.0	62.9	51.1	108.4	85.1	104.3	324.4	258.2	200.1	133.8	1943.4
1984	6	2	59.9	23.6	60.3	174.0	85.1	62.5	18.7	32.7	40.1	17.9	38.5	29.7	71.8	52.1	55.8	189.7	116.3	98.2	150.5	1233.6
1984	6	3	49.0	18.9	53.2	174.0	94.7	50.9	15.1	23.2	28.3	13.7	31.1	28.9	52.2	45.8	38.4	111.9	72.2	46.6	104.3	931.3
1984	6	4	33.4	13.3	31.1	174.0	69.3	36.0	9.9	42.2	45.4	14.4	19.4	19.8	50.6	35.9	49.4	92.0	106.5	26.3	98.4	889.5
1984	6	5	28.0	11.1	26.3	174.0	36.8	29.9	8.9	25.3	31.5	10.9	16.5	12.5	40.3	23.7	34.1	76.8	63.7	38.8	62.1	685.8
1984	6	6	24.6	10.3	22.2	174.0	35.5	24.8	7.2	14.7	19.0	9.1	12.9	10.5	29.5	19.7	25.4	57.7	47.9	22.4	49.4	559.7
1984	7	1	30.9	13.0	32.6	174.0	27.4	34.2	10.8	12.1	18.4	14.0	19.9	11.1	33.8	21.7	46.6	68.6	118.8	17.2	52.7	681.3
1984	7	2	24.4	10.2	20.9	174.0	23.9	22.2	6.6	10.4	14.3	8.9	12.2	8.6	25.8	17.2	26.9	46.3	57.1	14.3	35.6	504.3
1984	7	3	26.7	11.7	19.6	174.0	20.5	19.7	6.2	8.1	11.4	6.9	12.1	7.9	21.5	14.9	21.5	42.4	41.3	29.4	30.9	468.7
1984	7	4	80.8	26.0	205.6	174.0	30.4	227.6	75.4	60.1	79.7	66.1	169.4	43.1	146.5	89.9	67.3	88.8	69.0	37.2	34.5	1459.0
1984	7	5	50.8	17.0	72.4	174.0	20.3	75.7	25.3	18.4	27.5	23.2	51.7	21.0	59.3	43.8	42.7	65.6	53.9	32.9	28.7	764.0
1984	7	6	43.2	14.0	75.8	174.0	315.7	65.3	21.7	11.8	17.2	15.1	54.8	79.9	36.2	96.1	33.6	41.5	45.2	17.5	28.5	1054.1
1984	8	1	41.5	13.2	69.9	174.0	103.0	74.2	25.3	8.3	12.8	28.0	47.4	37.5	57.8	63.5	29.1	47.0	35.6	27.6	28.3	799.4
1984	8	2	32.6	11.1	53.2	174.0	153.3	54.1	18.2	7.6	11.9	19.0	34.7	41.2	47.5	63.8	34.0	52.6	48.4	20.6	29.1	810.0
1984	8	3	27.3	10.3	38.9	174.0	62.1	35.2	11.4	7.4	11.2	10.6	22.9	22.3	29.2	35.5	20.7	35.9	34.1	13.5	27.9	553.9
1984	8	4	25.3	9.9	28.0	174.0	32.0	30.7	10.2	7.3	9.8	14.6	18.8	12.4	30.5	22.3	21.8	41.5	33.8	20.0	27.6	507.3
1984	8	5	23.5	9.8	36.7	174.0	41.3	42.0	13.3	8.7	12.3	18.4	23.4	15.8	43.1	28.3	25.7	35.4	33.6	13.3	30.5	559.1
1984	8	6	23.3	9.7	32.3	174.0	28.7	30.4	9.8	7.2	9.7	11.3	19.2	11.6	33.7	21.8	24.9	75.5	68.4	40.1	46.8	613.1
1984	9	1	23.2	9.7	47.4	174.0	25.0	42.0	14.3	7.1	9.6	9.6	33.7	14.1	28.0	27.4	30.1	89.1	84.5	52.6	51.3	692.4
1984	9	2	23.3	9.8	30.0	174.0	66.4	29.8	9.3	15.2	17.5	7.6	20.2	17.8	25.1	31.1	56.5	177.0	225.3	85.6	113.2	1071.6
1984	9	3	51.0	15.8	130.4	174.0	99.4	119.2	40.1	16.3	18.0	15.7	105.6	51.4	41.8	82.1	53.2	155.4	156.2	95.0	114.1	1337.5
1984	9	4	43.2	16.2	60.0	174.0	65.3	56.4	17.3	54.9	50.9	12.2	38.2	24.4	48.6	43.2	55.0	149.1	155.7	70.3	124.3	1139.8
1984	9	5	69.4	28.0	63.4	174.0	65.5	55.2	15.3	34.1	36.9	8.8	37.3	25.0	51.1	40.9	43.9	152.1	132.2	67.4	93.3	1033.0
1984	9	6	93.9	38.0	88.5	174.0	69.0	59.9	18.4	21.1	23.1	7.9	47.7	28.0	38.6	46.7	48.3	131.5	173.4	44.4	115.4	1047.4
1984	10	1	68.1	27.9	61.9	174.0	55.3	46.0	14.5	12.5	14.3	7.5	35.0	21.2	37.9	36.4	43.6	108.8	132.9	27.6	81.9	849.4
1984	10	2	103.6	50.6	43.1	174.0	38.1	35.1	11.0	9.0	11.6	7.2	25.3	15.2	32.0	25.9	32.4	72.3	83.5	21.2	50.0	643.8
1984	10	3	71.9	31.6	38.2	174.0	40.5	37.6	11.9	9.8	15.4	12.9	25.0	13.3	48.2	22.9	30.7	85.1	56.0	46.6	70.0	699.9
1984	10	4	61.5	23.5	84.0	174.0	98.5	78.3	24.4	19.6	24.7	15.4	62.0	37.8	66.5	53.1	30.8	114.8	50.7	64.0	77.6	992.2
1984	10	5	78.5	30.2	85.2	174.0	87.1	85.8	27.7	21.9	27.4	19.5	61.0	37.7	67.3	60.0	26.5	151.0	45.6	150.1	114.4	1157.0
1984	10	6	112.3	45.6	120.4	174.0	70.5	88.9	29.3	15.6	20.9	16.8	73.6	34.1	51.0	55.8	28.4	122.5	50.5	86.7	102.4	1021.0
1984	11	1	152.3	63.9	110.8	215.6	62.2	102.7	32.2	50.4	62.9	32.5	62.7	34.6	85.2	61.1	46.0	110.1	51.2	68.2	77.7	1153.3
1984	11	2	151.8	66.2	93.1	215.6	49.9	70.8	22.1	29.4	37.0	19.3	45.7	25.5	56.5	43.3	34.8	84.1	49.9	43.0	53.0	879.9
1984	11	3	119.2	48.3	112.9	215.6	35.6	113.2	34.6	58.5	71.9	35.4	73.8	26.0	95.6	51.0	65.1	144.2	104.2	100.1	132.3	1357.1
1984	11	4	318.9	144.6	148.4	215.6	47.6	119.3	36.3	73.6	79.9	26.5	83.9	33.9	80.1	68.2	126.0	352.5	455.1	136.5	285.2	2220.2
1984	11	5	169.1	71.1	145.8	215.6	86.2	119.2	39.1	51.0	60.7	33.4	84.1	41.7	91.8	72.0	80.8	152.7	166.8	61.2	115.2	1471.5
1984	11	6	113.3	46.8	101.8	215.6	52.2	98.8	30.6	48.3	59.6	27.7	63.3	30.1	86.2	52.3	54.8	103.4	100.6	29.9	66.1	1119.5
1984	12	1	133.4	56.3	104.1	215.6	82.8	108.3	36.4	25.7	41.3	46.5	70.3	38.4	99.5	74.0	79.7	89.8	106.3	22.9	56.3	1193.8
1984	12	2	96.7	37.1	140.3	215.6	73.0	143.9	49.4	18.2	32.2	39.0	108.6	43.8	97.9	91.0	85.1	125.5	144.2	21.0	61.4	1349.8
1984	12	3	84.1	31.5	93.9	215.6	37.6	94.3	32.2	11.6	19.2	25.7	68.3	30.8	61.9	66.3	52.2	79.7	82.2	18.6	42.0	938.2
1984	12	4	55.8	21.2	57.2	215.6	37.6	55.8	18.8	8.6	14.4	18.9	36.3	20.5	39.5	47.8	50.7	77.3	89.4	24.8	63.9	819.9
1984	12	5	84.0	33.2	84.9	215.6	96.2	78.0	27.2	7.0	11.9	24.7	56.8	37.2	40.7	79.5	80.1	115.9	172.6	35.8	111.9	1191.1
1984	12	6	120.6	48.3	127.5	215.6	90.7	121.0	41.0	14.9	21.4	38.1	87.1	44.6	86.1	94.6	84.6	119.5	142.9	22.8	118.7	1343.6
1985	1	1	114.6	45.4	122.1	215.6	125.9	116.4	39.7	13.0	23.6	39.0	83.6	53.7	97.7	99.4	78.0	105.4	139.4	15.8	93.0	1339.2
1985	1	2	143.5	60.2	124.1	215.6	271.2	125.3	42.9	16.6	27.5	35.7	92.4	83.6	120.8	133.0	118.0	232.3	320.9	14.8	139.5	1990.1
1985	1	3	114.0	45.2	116.9	215.6	105.2	120.6	39.3	32.9	41.1	29.4	91.2	48.4	91.9	85.7	70.9	136.2	143.6	14.5	79.4	1345.9
1985	1	4	68.6	27.7	63.0	215.6	56.0	62.8	21.0	13.4	19.5	16.8	45.1	26.7	51.5	46.6	37.9	73.5	71.8	13.8	43.5	815.5
1985	1	5	71.6	29.5	59.2	215.6	35.6	51.3	16.7	11.0	15.5	13.2	37.0	17.5	39.4	32.1	33.7	60.7	73.8	13.5	48.7	715.3
1985	1	6	207.9	90.6	150.1	284.2	56.5	156.3	51.7	36.3	51.4	42.7	117.7	42.3	122.3	79.2	87.1	134.0	201.1	13.7	93.7	1570.2
1985	2	1	210.2	93.3	117.4	420.9	58.2	136.8	43.9	59.2	72.2	38.1	92.8	40.2	114.0	77.7	101.8	152.4	229.1	13.3	88.8	1739.4
1985	2	2	244.1	110.2	136.4	490.7	83.1	121.2	39.5	45.9	59.3	36.2	83.3	43.3	104.3	75.3	75.9	277.2	141.6	277.9	109.5	2064.2
1985	2	3	184.4	84.7	94.6	363.7	107.2	90.6	29.8	29.8	40.6	28.3	60.1	39.8	77.0	66.6	82.9	232.5	198.9	123.6	231.1	1802.5
1985	2	4	118.9	53.7	54.9	227.5	59.4	53.2	17.2	16.2	22.8	16.5	34.6	23.4	44.0	37.0	43.2	118.2	97.1	56.5	139.9	1006.7
1985	2	5	69.3	31.2	33.6	174.0	31.9	33.5	11.0	10.7	14.8	10.3	22.2	13.7	30.2	23.4	26.4	61.4	54.4	24.4	59.5	601.8
1985	2	6	46.5	20.1	31.8	174.0	27.2	31.1	10.2	11.2	14.0	8.8	22.1	11.7	26.3	20.1	31.0	68.8	99.9	19.7	57.7	

# I-2 SIMULATED 5-DAY DISCHARGE BY SUB-BASIN OF KAMPAR RIVER SYSTEM (5/11)

Kampar River Basin			Sub-Basins																Total			
Year	Month	5-Day	K-01	K-02	K-03	Kolapanjang	K-04	K-05	K-06	K-07	K-08	K-09	K-10	K-11	K-12	K-13	K-14	K-15	K-16	K-17	K-18	Total
1985	7	1	24.9	10.5	18.3	174.0	31.1	19.0	6.6	13.4	14.4	6.5	12.5	9.8	24.9	16.5	17.1	36.1	34.8	16.1	26.9	459.7
1985	7	2	26.5	11.9	18.2	174.0	19.6	18.9	6.2	9.8	10.7	6.0	12.2	7.8	20.2	14.3	23.4	69.7	77.4	33.0	44.6	547.8
1985	7	3	24.6	10.3	18.1	174.0	19.5	18.8	6.1	6.8	9.2	6.0	12.1	7.8	18.5	14.2	16.9	53.7	41.7	40.9	33.5	479.7
1985	7	4	25.4	10.4	25.9	174.0	19.3	48.2	19.7	14.7	31.6	52.6	25.3	8.8	90.3	27.6	47.7	78.0	34.7	58.7	28.6	759.8
1985	7	5	29.6	10.2	76.8	174.0	19.1	82.7	20.0	15.0	29.2	29.4	36.6	8.7	70.6	23.9	43.5	62.7	34.3	34.7	27.6	712.0
1985	7	6	30.0	10.3	53.0	174.0	18.9	49.5	10.1	7.2	13.5	14.3	23.0	7.7	35.1	14.0	22.2	39.2	33.8	16.6	26.2	505.3
1985	8	1	30.6	11.4	48.5	174.0	18.7	39.5	10.4	10.1	12.3	8.2	25.5	8.4	21.0	16.2	16.9	39.7	33.5	23.6	28.5	486.5
1985	8	2	61.2	23.3	66.5	174.0	18.6	54.1	13.1	9.2	10.0	7.2	39.4	7.9	19.6	13.9	16.5	35.1	33.2	21.2	25.8	498.8
1985	8	3	33.6	12.8	37.5	174.0	18.4	30.5	7.5	6.6	8.9	6.3	21.0	7.5	18.0	13.8	19.3	43.3	49.4	14.8	31.5	470.8
1985	8	4	46.9	19.5	35.7	174.0	60.3	31.8	8.2	28.0	27.7	6.3	20.5	16.0	28.2	23.7	18.3	83.0	47.7	46.6	28.9	649.2
1985	8	5	27.9	11.2	25.8	174.0	21.9	23.0	6.3	8.9	10.8	5.8	14.1	7.5	17.9	13.6	16.6	45.6	36.7	21.9	27.4	452.0
1985	8	6	41.9	18.1	26.6	174.0	18.1	19.3	5.9	6.4	8.8	5.7	11.9	7.4	17.7	13.5	16.1	34.3	32.4	12.7	25.2	409.4
1985	9	1	55.9	26.0	23.7	174.0	18.0	18.1	5.9	10.8	11.6	5.7	11.6	7.3	17.6	13.4	16.0	38.4	35.4	17.3	25.0	426.1
1985	9	2	81.2	36.0	66.2	174.0	17.8	27.6	5.8	6.5	8.7	5.7	14.5	7.3	18.4	13.3	15.8	33.9	32.0	12.2	24.8	418.3
1985	9	3	165.8	67.7	152.5	174.0	17.7	93.7	10.5	6.6	10.5	15.2	41.7	11.4	33.6	14.5	23.0	33.7	35.9	12.1	24.6	558.7
1985	9	4	105.9	44.7	78.4	174.0	21.4	62.5	13.6	12.6	16.4	15.5	35.4	12.4	33.8	20.0	32.0	46.1	49.1	43.0	24.5	612.3
1985	9	5	147.8	64.4	94.3	174.0	25.2	88.9	39.8	19.0	26.8	31.9	75.9	25.4	56.3	55.8	58.3	97.7	125.4	48.3	61.3	1010.0
1985	9	6	132.4	57.1	91.5	174.0	17.6	69.0	19.9	32.8	39.1	19.5	43.2	16.4	70.7	33.0	49.1	148.6	103.2	80.7	65.3	982.1
1985	10	1	121.1	54.2	67.9	174.0	93.7	51.6	19.9	20.9	27.5	17.4	38.5	30.4	59.8	51.2	47.2	129.8	99.1	113.9	51.8	1026.7
1985	10	2	124.9	55.8	67.3	174.0	148.3	51.6	15.3	17.2	23.2	13.5	33.7	38.1	48.5	53.6	52.5	185.5	126.7	113.4	60.4	1155.5
1985	10	3	87.3	36.6	78.9	174.0	133.4	75.4	27.8	13.0	19.5	21.9	56.4	45.9	64.0	71.7	55.1	146.4	115.1	71.0	62.0	1152.6
1985	10	4	75.6	32.8	48.5	174.0	96.4	56.6	29.0	10.9	18.4	21.4	53.4	38.9	66.3	70.7	52.7	148.6	116.5	68.8	67.6	1090.2
1985	10	5	89.0	38.4	62.0	174.0	159.9	62.3	33.1	7.9	11.6	21.2	64.7	54.1	61.8	89.8	51.6	223.3	162.8	132.5	94.3	1414.9
1985	10	6	180.8	82.1	92.5	174.0	376.6	92.3	40.2	15.3	27.1	37.4	76.6	100.4	82.4	147.0	96.7	260.5	242.1	145.9	204.4	2118.9
1985	11	1	243.8	111.1	118.4	215.6	310.7	112.7	44.2	22.7	41.4	50.7	82.0	85.7	102.9	133.8	108.7	202.2	212.5	100.7	131.9	1958.4
1985	11	2	339.4	163.0	95.5	215.6	280.2	123.3	88.8	40.9	57.2	58.3	146.7	109.2	113.1	197.4	96.3	196.5	183.8	131.0	117.6	2155.9
1985	11	3	204.6	92.9	106.3	226.1	207.8	162.5	68.1	55.1	92.5	96.8	104.7	78.2	185.3	141.8	128.7	161.1	147.1	95.2	107.7	2058.7
1985	11	4	136.8	61.1	71.9	269.8	133.3	97.2	40.6	33.4	51.5	41.8	71.7	51.7	104.2	93.2	80.9	121.6	119.5	58.4	87.5	1456.3
1985	11	5	102.1	46.0	50.1	215.6	93.7	64.8	29.2	19.6	33.6	31.3	47.8	34.9	73.0	65.8	87.8	130.9	191.4	42.8	137.4	1299.6
1985	11	6	106.2	47.9	53.5	215.6	60.0	65.2	31.7	21.2	35.5	34.2	50.8	25.9	76.2	61.1	106.7	193.4	267.3	70.7	188.1	1503.6
1985	12	1	137.2	62.3	74.0	248.1	41.7	92.9	54.7	36.1	49.9	40.5	93.0	32.6	91.7	85.5	93.6	222.3	203.5	146.1	168.7	1700.9
1985	12	2	177.8	83.8	77.8	339.4	62.2	85.8	36.2	23.3	37.6	35.3	66.3	31.9	78.6	76.9	90.1	161.0	178.3	74.4	126.8	1504.1
1985	12	3	138.0	62.7	55.0	255.7	150.8	64.2	29.2	17.3	31.0	31.8	50.3	42.2	89.3	90.5	99.9	218.1	202.9	99.3	245.8	1718.3
1985	12	4	118.1	56.7	41.7	216.5	110.1	56.4	26.8	11.9	23.9	29.2	42.4	37.4	96.6	83.6	90.0	209.5	171.9	69.5	184.0	1459.7
1985	12	5	119.0	52.2	68.5	239.7	71.0	79.8	23.8	59.9	65.2	25.0	48.3	28.9	118.0	66.4	77.0	195.7	139.5	61.8	131.2	1431.2
1985	12	6	87.1	37.5	54.1	215.6	48.5	69.3	21.2	30.8	43.4	21.7	42.9	23.0	92.0	54.4	54.0	143.0	79.5	44.0	89.1	1072.4
1986	1	1	296.4	137.1	145.0	534.2	122.4	130.2	50.0	76.7	91.4	28.4	63.4	65.9	188.9	117.9	157.3	374.0	313.6	165.5	480.9	3131.2
1986	1	2	253.1	108.8	179.8	541.7	173.2	187.9	50.0	58.4	85.7	61.4	108.9	65.9	188.9	117.9	157.3	374.0	313.6	165.5	480.9	3131.2
1986	1	3	134.3	58.1	90.1	282.5	115.1	102.2	33.7	35.6	50.1	33.6	69.3	45.3	102.0	80.0	86.8	211.7	170.7	93.3	226.7	1738.6
1986	1	4	127.2	56.4	69.6	253.2	84.9	75.4	22.9	22.9	34.3	25.2	47.4	31.6	73.1	55.8	74.8	169.0	152.6	84.2	155.0	1362.3
1986	1	5	93.0	39.8	64.1	215.6	101.9	67.3	19.4	12.8	21.3	19.9	43.4	33.3	67.2	50.2	49.0	124.3	83.8	53.9	98.8	1062.1
1986	1	6	92.8	40.9	53.7	215.6	66.9	50.3	14.4	11.4	17.6	15.8	32.0	24.2	51.8	37.5	36.4	92.1	71.0	32.6	57.0	826.6
1986	2	1	82.1	35.0	54.9	174.0	119.1	43.2	12.4	10.5	15.1	12.6	27.6	30.3	41.8	42.6	46.0	117.9	129.1	41.7	99.8	963.7
1986	2	2	64.3	26.9	48.6	174.0	102.2	52.7	19.3	20.9	30.9	21.5	35.1	33.5	67.1	53.4	51.5	141.0	99.6	65.9	86.0	1054.6
1986	2	3	41.8	17.8	29.6	174.0	49.9	32.7	11.0	10.1	16.9	14.1	19.8	17.0	44.6	27.2	29.2	77.2	49.9	30.9	44.1	648.6
1986	2	4	37.3	15.9	25.3	174.0	33.2	27.7	8.8	24.8	32.1	15.0	16.3	12.2	44.5	21.1	26.3	55.3	42.7	20.1	69.4	623.5
1986	2	5	31.8	13.5	22.5	174.0	28.3	24.4	7.7	9.9	15.4	10.7	13.7	10.2	28.3	18.0	35.4	65.3	97.7	19.6	85.5	644.1
1986	2	6	29.3	12.3	25.0	174.0	23.3	23.6	7.1	8.3	12.5	9.6	12.7	8.9	26.1	15.3	23.1	44.9	39.5	14.2	38.1	481.2
1986	3	1	190.5	88.8	90.7	174.0	131.0	137.3	48.3	75.2	97.2	54.2	86.8	54.6	124.7	97.1	73.7	160.9	113.5	104.4	167.4	1700.3
1986	3	2	129.2	54.7	115.1	174.0	202.4	156.4	59.5	56.9	77.6	55.0	117.8	80.7	132.0	126.8	87.2	133.8	128.7	45.5	198.6	1832.9
1986	3	3	117.2	47.2	124.1	174.0	133.6	123.5	43.3	44.8	61.5	42.9	86.3	53.8	134.8	91.3	81.8	146.2	120.0	44.2	134.8	1516.8
1986	3	4	172.4	74.0	120.0	362.2	103.8	144.1	57.2	75.1	97.1	56.4	106.4	49.1	148.4	94.2	86.1	157.6	118.6	89.4	119.1	1864.8
1986	3	5	180.7	80.0	109.0	369.7	96.1	139.2	63.6	46.0	63.6	51.8	117.6	58.6	143.2	108.5	79.3	149.3	98.8	54.3	131.5	1771.1
1986	3	6	94.4	40.7	62.6	197.7	112.1	76.1	31.2	29.5	39.9	31.0	57.0	41.1	79.6	69.8	50.4	85.8	65.3	27.2	90.0	1083.7
1986	4	1	102.7	43.9	83.9	230.5	130.7	102.8	45.7	21.8	35.8	41.0	87.2	56.3	84.0	95.4	56.6	87.6	59.8	74.2	130.9	1340.3
1986	4	2	76.0	31.3	65.0	174.0	88.0	84.8	35.3	20.3	30.4	29.5	67.1	43.2	73.5	76.5	44.9	89.6	59.2	42.2	94.0	1052.5
1986	4	3	60.4	23.2	70.8	174.0	82.1	83.9	32.7	24.6	33.9	27.8	64.8	38.1	77.3	72.1	72.1	148.4				

# I-2 SIMULATED 5-DAY DISCHARGE BY SUB-BASIN OF KAMPAR RIVER SYSTEM (6/11)

Kampar River Basin				Sub-Basins																	Total	
Year	Month	5-Day	K-01	K-02	K-03	Kotapanning	K-04	K-05	K-06	K-07	K-08	K-09	K-10	K-11	K-12	K-13	K-14	K-15	K-16	K-17	K-18	Total
1986	8	4	23.1	9.7	16.8	174.0	21.8	17.8	6.0	7.0	9.2	5.9	11.7	7.6	17.8	13.9	16.1	34.5	31.7	12.9	26.2	414.1
1986	8	5	22.9	9.7	16.7	151.1	18.6	17.7	6.0	14.1	15.1	5.9	11.6	7.5	17.7	13.8	16.0	34.2	31.4	15.4	25.9	402.0
1986	8	6	22.8	9.6	22.6	55.0	18.4	23.6	8.2	23.6	24.4	6.1	17.9	7.5	17.7	13.9	15.9	33.9	31.1	12.7	25.7	335.6
1986	9	1	22.6	9.5	17.3	49.4	18.2	19.5	6.4	26.9	33.2	12.2	11.5	7.4	28.4	13.6	21.3	38.6	36.0	26.0	26.5	375.1
1986	9	2	22.5	9.5	28.3	60.3	18.1	26.4	8.3	23.4	26.1	7.6	18.1	8.6	19.6	16.9	15.7	67.9	30.6	110.2	29.7	487.5
1986	9	3	22.3	9.4	23.9	55.6	17.9	40.0	20.5	23.5	28.1	14.5	40.4	12.3	39.8	32.2	30.7	130.7	77.8	117.0	54.9	735.9
1986	9	4	22.2	9.3	21.1	52.6	35.0	26.7	11.9	11.0	13.5	8.0	24.2	12.0	22.6	23.5	21.8	79.6	64.5	54.8	35.0	496.7
1986	9	5	40.3	12.2	113.2	165.7	156.0	113.9	32.0	34.2	55.6	49.0	64.5	50.4	113.5	73.1	93.4	193.4	156.4	99.0	129.9	1580.0
1986	9	6	136.7	56.8	118.8	174.0	80.2	135.7	44.6	44.1	60.9	43.1	94.5	38.0	129.5	81.5	156.0	297.8	374.7	100.9	204.1	2059.6
1986	10	1	93.3	35.4	113.2	174.0	105.1	154.0	69.4	39.1	67.5	88.5	106.0	51.2	199.7	114.8	168.9	207.2	258.0	67.6	147.8	2018.8
1986	10	2	76.4	27.5	122.4	174.0	200.8	151.0	52.4	48.1	79.9	75.7	91.8	69.2	178.7	118.6	134.4	214.0	175.1	136.9	126.9	2027.5
1986	10	3	73.2	23.5	133.3	174.0	178.2	139.4	45.1	32.3	51.1	43.7	95.6	65.9	119.3	108.5	98.7	222.1	154.9	127.6	162.1	1818.5
1986	10	4	64.0	22.7	86.4	174.0	87.3	90.9	34.8	34.6	45.0	28.4	69.7	37.7	77.7	72.5	76.1	177.4	177.9	85.3	127.1	1396.4
1986	10	5	42.7	14.9	58.1	174.0	51.3	63.0	24.2	22.8	31.3	22.6	47.2	25.6	56.4	52.2	65.2	166.6	153.7	96.8	163.3	1216.2
1986	10	6	43.9	14.0	101.2	174.0	135.1	143.0	66.5	51.3	70.4	56.5	122.9	65.8	175.2	127.9	101.3	247.7	169.9	116.8	142.7	1967.0
1986	11	1	44.5	12.5	99.3	215.6	207.4	120.8	43.6	38.7	57.5	45.6	82.3	63.7	135.4	107.1	123.7	232.4	231.6	88.6	155.4	1949.4
1986	11	2	41.4	12.3	89.2	215.6	164.6	111.6	37.2	27.1	46.7	48.1	68.5	54.8	119.4	90.3	102.5	207.3	165.4	106.7	161.9	1727.7
1986	11	3	29.4	10.8	53.9	199.5	85.8	68.6	24.3	15.2	29.0	30.5	43.1	31.5	77.0	54.5	62.1	128.3	87.4	69.2	94.7	1100.7
1986	11	4	38.3	16.1	36.5	90.9	75.9	48.1	20.7	19.5	28.1	24.1	32.9	27.2	67.2	46.8	44.8	102.9	77.6	53.9	73.0	833.6
1986	11	5	130.8	52.7	145.6	215.6	130.6	174.4	56.2	63.7	105.8	90.3	93.8	52.3	241.1	94.2	118.2	132.7	104.3	65.7	159.4	1868.3
1986	11	6	125.8	46.5	187.8	215.6	199.9	236.8	77.3	76.9	116.1	96.1	144.7	86.1	232.7	147.8	148.6	194.7	138.9	62.1	147.1	2321.4
1986	12	1	73.0	27.0	94.9	215.6	197.6	154.3	76.3	93.6	118.6	69.5	128.8	81.0	190.6	161.8	113.2	156.2	121.5	49.5	120.2	2048.3
1986	12	2	79.1	25.6	181.0	215.6	259.1	226.3	79.6	71.7	86.9	58.4	176.6	112.9	175.0	189.4	98.6	228.6	110.8	115.7	108.7	2313.9
1986	12	3	169.8	71.1	139.8	215.6	166.5	100.6	57.1	63.0	79.5	47.0	118.8	72.2	141.4	132.9	94.1	195.8	131.1	76.0	150.6	1902.2
1986	12	4	91.8	35.7	91.9	215.6	130.0	115.2	39.8	47.0	63.6	38.8	79.9	51.0	103.3	96.9	71.0	210.1	79.4	184.2	118.7	1644.5
1986	12	5	72.1	27.1	77.0	215.6	121.7	109.1	40.4	30.2	45.5	38.8	78.3	52.6	98.4	104.8	77.3	194.8	94.9	106.3	126.2	1532.9
1986	12	6	43.7	15.2	81.0	215.6	93.6	114.3	36.6	36.5	55.2	43.6	70.7	41.4	110.0	88.6	88.1	190.9	98.2	113.0	115.4	1511.7
1987	1	1	33.3	12.4	58.3	215.6	61.0	73.5	24.5	25.5	35.9	25.2	48.7	28.8	70.8	58.0	52.5	124.9	63.1	63.3	66.6	1037.9
1987	1	2	41.4	12.9	98.6	215.6	66.4	97.8	27.8	28.0	37.6	25.3	63.4	32.9	83.0	60.8	63.0	271.5	159.9	179.0	154.6	1566.6
1987	1	3	60.8	21.3	76.6	215.6	99.7	88.5	30.1	22.1	31.5	26.0	64.2	39.5	73.3	72.3	90.1	260.4	238.7	142.7	242.2	1736.9
1987	1	4	41.0	14.6	47.3	215.6	56.0	57.0	19.4	14.0	21.2	17.5	40.0	23.8	54.5	44.5	54.0	179.3	125.5	99.8	159.0	1181.1
1987	1	5	33.8	12.9	34.0	82.9	65.6	40.6	13.2	12.8	18.3	14.0	25.5	20.6	49.0	35.1	44.4	137.7	96.2	64.4	118.1	838.4
1987	1	6	41.3	17.6	28.8	87.7	62.3	37.5	13.0	11.9	18.2	13.5	24.8	20.3	53.1	32.5	36.6	94.6	64.4	33.3	104.6	708.3
1987	2	1	37.9	16.9	24.3	79.1	33.9	28.6	9.5	10.3	13.5	9.4	19.0	12.9	33.2	22.3	24.7	60.8	44.8	23.7	69.3	495.0
1987	2	2	38.6	15.8	32.3	86.7	36.7	31.2	8.0	15.6	18.1	7.9	16.9	12.8	27.6	18.1	19.8	47.7	33.7	17.0	45.3	443.1
1987	2	3	55.4	18.4	104.5	174.0	45.6	77.1	9.4	18.3	23.0	10.0	35.8	19.4	44.3	18.9	17.7	41.2	32.0	14.8	34.1	615.6
1987	2	4	41.8	16.0	45.7	107.8	26.3	35.8	7.1	11.3	14.9	7.2	17.3	10.7	29.5	15.5	16.8	37.0	31.7	14.6	28.0	411.5
1987	2	5	36.9	13.9	40.4	91.2	54.9	27.8	6.9	7.8	10.8	6.5	15.5	15.7	23.1	19.0	16.7	70.0	31.4	125.5	34.1	556.9
1987	2	6	32.7	11.8	42.9	87.4	30.7	25.9	6.4	6.5	9.2	6.4	14.8	11.4	20.3	14.8	16.6	43.8	31.2	60.1	27.6	413.1
1987	3	1	86.1	40.9	39.0	166.0	39.9	38.0	13.1	7.8	13.5	14.3	25.4	16.2	37.1	25.1	22.4	132.8	31.0	218.4	35.1	836.1
1987	3	2	184.2	73.5	194.8	174.0	76.7	146.8	29.4	48.8	50.3	20.5	89.2	37.8	70.0	43.3	28.8	318.0	34.7	391.6	67.6	1627.5
1987	3	3	117.8	48.0	102.5	174.0	77.5	103.2	30.9	48.1	56.3	21.3	73.5	39.8	77.0	59.5	50.8	310.9	170.5	238.6	129.5	1661.4
1987	3	4	158.5	68.0	110.7	174.0	101.2	91.7	31.8	33.1	40.7	22.3	70.9	42.7	64.7	68.6	77.8	231.6	219.8	106.1	150.3	1527.3
1987	3	5	104.4	44.7	73.0	174.0	61.2	62.2	22.0	32.9	39.7	18.3	45.8	26.6	57.8	42.1	45.8	137.2	108.1	57.3	72.6	1003.6
1987	3	6	73.3	31.3	49.9	174.0	34.2	44.6	16.3	17.9	23.4	13.6	32.6	18.6	40.5	29.9	26.5	69.4	50.4	30.7	35.7	658.3
1987	4	1	71.0	32.7	32.9	174.0	28.3	33.0	13.5	12.1	16.8	11.6	24.8	13.5	30.7	23.8	27.7	242.4	59.3	315.9	93.7	1121.1
1987	4	2	78.9	35.1	41.8	174.0	122.6	50.4	34.1	10.5	16.1	23.4	56.5	44.7	41.5	80.4	42.1	103.8	77.5	63.4	63.9	1004.9
1987	4	3	210.1	103.4	46.4	174.0	67.2	42.3	19.5	26.6	34.0	17.7	34.7	25.5	36.9	48.3	42.6	89.1	85.4	59.0	61.4	864.2
1987	4	4	172.4	86.2	31.3	174.0	60.6	37.6	21.1	22.5	32.0	22.1	30.4	23.9	43.8	49.4	37.1	63.0	54.0	41.6	36.6	749.7
1987	4	5	124.8	57.9	35.4	174.0	54.4	56.9	40.2	43.9	51.6	29.5	63.3	33.0	58.7	79.2	65.2	137.1	190.2	82.9	91.6	1251.7
1987	4	6	115.6	52.1	51.3	174.0	53.4	51.6	27.9	35.7	43.2	22.3	47.5	27.3	55.6	62.8	78.4	178.6	207.1	72.4	215.9	1353.7
1987	5	1	251.1	112.4	141.1	174.0	149.4	98.7	25.8	35.0	44.5	23.5	60.2	44.2	70.9	72.3	82.6	213.8	194.7	118.7	169.8	1578.1
1987	5	2	358.2	160.0	207.9	174.0	137.0	176.6	46.9	40.0	48.9	28.8	131.2	65.1	77.0	97.2	71.4	185.3	161.4	96.8	137.6	1675.2
1987	5	3	326.0	149.5	160.7	174.0	87.9	122.0	35.3	29.5	38.5	26.7	85.3	44.3	66.6	72.4	55.8	142.7	115.8	74.2	94.3	1265.3
1987	5	4	147.7	65.4	81.3	174.0	51.8	73.1	23.3	18.8	25.8	18.1	52.9	27.9	48.6	50.0	61.3	148.5	165.6	52.6	100.4	1092.7
1987	5	5	141.1	64.5	70.8	230.3	32.8	50.8	13.3	11.2	15.2	10.5	33.5	15.3	28.7	28.8	48.2	120.9	142.6	39.9	79.7	901.7
1987	5	6	129.0	57.9	62.6	249.5	38.7	66.0	13.1	34.9	49.7	26.8	28.1									



# I-2 SIMULATED 5-DAY DISCHARGE BY SUB-BASIN OF KAMPAR RIVER SYSTEM

(7/11)

Kampar River Basin			Sub-basins																	Total			
Year	Month	5-Day	K-01	K-02	K-03	Kotapanjang	K-04	K-05	K-06	K-07	K-08	K-09	K-10	K-11	K-12	K-13	K-14	K-15	K-16	K-17	K-18	Total	
1987	10	1	129.9	56.7	76.7	174.0	46.7	57.6	15.7	17.5	23.9	15.2	35.4	20.8	38.7	33.0	21.9	45.5	41.7	27.7	31.2	646.5	
1987	10	2	129.2	55.5	103.7	174.0	175.4	69.9	20.5	9.2	13.0	12.4	54.8	45.0	27.1	63.7	49.4	46.7	137.0	21.0	33.9	953.0	
1987	10	3	166.8	71.4	116.7	249.4	130.8	85.7	19.0	80.3	80.0	13.3	51.0	42.0	50.2	56.5	42.4	59.5	96.3	30.5	36.0	1122.9	
1987	10	4	184.4	78.0	155.6	418.0	87.3	126.6	28.1	52.6	62.6	23.1	71.8	39.0	83.1	56.4	37.6	102.2	45.7	77.9	73.2	1385.2	
1987	10	5	167.9	72.1	120.9	360.9	61.8	80.0	19.7	25.6	31.1	14.2	53.3	27.9	46.3	40.5	22.0	84.4	33.5	97.7	50.9	1049.8	
1987	10	6	211.2	97.3	99.5	408.0	182.0	69.5	18.0	21.1	26.2	13.8	45.5	46.7	39.8	58.5	34.3	139.1	68.7	132.1	102.2	1405.5	
1987	11	1	330.4	139.0	265.8	735.2	417.3	171.0	23.3	28.8	35.4	18.5	88.4	106.8	58.1	106.7	49.9	135.3	108.2	68.3	151.7	2302.9	
1987	11	2	152.0	63.8	121.0	336.8	151.4	119.9	36.9	29.9	42.9	32.3	83.0	56.8	86.4	87.1	52.6	107.3	73.1	54.0	116.8	1467.2	
1987	11	3	127.3	54.9	92.4	274.6	106.1	99.3	29.8	36.1	48.8	30.5	64.6	40.4	91.2	68.9	90.6	170.6	202.1	51.6	176.5	1581.7	
1987	11	4	144.2	68.5	58.2	270.9	68.2	60.1	17.5	20.1	27.6	17.9	38.2	24.6	51.3	43.1	70.5	162.0	207.8	102.9	159.2	1341.9	
1987	11	5	204.9	102.9	43.1	350.9	57.4	39.2	10.4	11.2	16.1	12.0	23.2	16.9	42.8	29.7	66.9	311.5	202.9	220.5	240.6	1652.2	
1987	11	6	139.8	65.0	39.7	244.5	49.2	35.4	10.8	13.5	18.7	16.9	20.1	14.9	46.7	27.2	67.2	182.0	173.0	82.6	262.1	1264.8	
1987	12	1	188.6	85.1	94.5	368.2	75.1	71.3	21.1	13.6	21.4	19.6	48.1	29.2	48.6	54.3	73.3	198.3	190.8	100.1	226.9	1559.9	
1987	12	2	152.1	68.1	75.8	296.0	158.6	87.0	38.2	14.1	25.8	34.1	71.1	57.1	72.1	110.2	97.2	222.2	246.9	97.9	249.9	1878.4	
1987	12	3	147.7	67.0	68.1	282.8	150.6	83.2	24.2	24.0	41.1	41.6	59.0	49.1	85.2	99.6	100.1	186.5	176.9	87.2	172.8	1673.9	
1987	12	4	114.7	51.6	59.0	225.3	88.5	68.0	23.6	58.1	62.2	23.5	45.2	30.8	58.0	70.3	83.3	176.4	190.1	82.1	167.5	1452.9	
1987	12	5	123.6	52.6	92.5	268.7	66.9	90.4	24.7	35.3	45.6	20.9	58.5	29.5	50.3	64.6	71.6	143.5	159.0	69.0	129.2	1327.7	
1987	12	6	135.2	54.6	148.2	338.0	59.0	115.6	24.5	16.7	24.1	16.4	76.7	31.5	36.8	62.5	77.2	166.8	216.3	75.1	144.7	1481.9	
1988	1	1	109.1	45.5	88.7	243.3	66.9	72.6	14.8	9.9	15.0	12.1	42.9	24.4	26.3	47.0	79.4	142.9	239.2	58.8	159.2	1224.7	
1988	1	2	99.2	41.6	76.7	217.5	90.8	106.4	45.5	12.6	28.8	49.8	80.2	42.4	78.8	93.0	110.5	159.5	208.1	71.4	165.9	1551.2	
1988	1	3	96.3	39.7	81.7	217.7	64.2	89.7	22.5	28.4	40.1	23.6	52.5	27.9	50.0	50.9	75.2	182.3	168.9	159.1	143.4	1396.4	
1988	1	4	125.5	51.7	111.2	288.4	55.0	113.9	31.2	13.7	25.6	31.1	73.9	30.7	68.1	57.2	89.0	259.9	204.7	179.6	198.2	1720.2	
1988	1	5	245.9	103.9	199.1	548.9	103.1	141.0	26.4	19.1	32.3	28.5	76.4	37.2	64.4	54.3	80.7	206.9	176.6	158.4	145.9	1900.1	
1988	1	6	331.8	147.0	235.0	713.8	262.2	181.7	39.6	13.7	29.3	43.8	107.4	83.1	102.7	110.4	117.9	416.0	260.5	281.2	298.8	3062.1	
1988	2	1	211.9	88.0	177.7	477.6	297.2	145.5	31.9	8.8	13.3	20.2	55.0	41.4	44.4	55.9	72.2	188.2	181.9	114.7	156.6	1594.7	
1988	2	2	194.5	87.1	113.2	394.8	135.2	94.5	19.6	6.8	13.3	20.2	55.0	41.4	44.4	55.9	72.2	188.2	181.9	114.7	156.6	1594.7	
1988	2	3	152.7	65.9	100.5	319.1	109.5	82.6	15.6	15.5	19.8	15.5	46.4	33.7	36.0	42.9	52.8	123.8	123.1	65.0	95.5	1196.8	
1988	2	4	113.5	48.1	81.6	243.2	88.6	69.5	11.1	19.6	24.8	12.8	35.4	27.1	39.4	31.6	39.9	99.5	86.5	48.4	70.2	947.6	
1988	2	5	125.7	56.3	65.0	247.0	65.6	62.0	12.1	9.2	19.0	21.6	29.3	21.0	57.9	28.8	67.1	137.9	152.1	44.1	107.4	1082.1	
1988	2	6	147.6	69.5	48.6	265.7	51.4	44.5	8.9	6.7	13.1	13.9	20.7	15.0	41.6	22.1	44.5	131.0	102.8	69.2	79.2	930.3	
1988	3	1	147.0	69.2	47.2	263.4	59.4	38.1	8.0	17.2	19.3	10.2	18.6	12.9	41.8	101.5	72.2	113.8	486.0	276.4	363.1	434.2	2702.8
1988	3	2	199.5	90.5	97.4	387.4	107.0	101.1	43.1	19.3	35.7	41.0	79.2	41.8	101.5	72.2	113.8	486.0	276.4	363.1	434.2	2702.8	
1988	3	3	174.5	81.6	60.2	316.3	79.8	76.4	34.1	10.8	22.7	30.0	62.5	36.7	85.1	63.6	62.9	194.2	121.0	112.0	173.1	1481.2	
1988	3	4	124.9	55.7	67.5	248.1	105.8	64.5	19.7	21.0	31.3	21.4	40.7	34.4	61.2	47.8	47.6	173.1	81.7	153.1	155.1	1306.5	
1988	3	5	161.3	70.7	106.3	338.3	121.3	92.9	23.1	32.4	45.9	29.8	50.6	38.4	77.8	55.4	72.3	179.7	127.8	115.5	163.8	1565.0	
1988	3	6	114.6	50.2	71.6	236.4	77.2	75.0	19.5	14.7	29.0	29.1	39.2	27.4	65.9	41.3	55.0	104.3	74.8	60.1	95.8	1044.7	
1988	4	1	96.4	41.6	65.9	203.9	64.5	57.1	10.6	30.2	35.9	14.3	27.1	20.2	42.8	26.2	39.3	108.9	76.8	73.5	91.7	923.0	
1988	4	2	137.3	56.0	134.1	327.4	72.5	98.0	13.4	24.1	32.1	14.4	44.9	26.4	43.9	32.3	42.4	119.1	89.3	66.8	127.9	1174.9	
1988	4	3	152.4	65.3	108.8	326.5	139.6	114.1	38.3	26.0	33.7	23.6	96.8	56.6	59.1	84.2	41.2	94.3	75.0	51.4	79.5	1339.9	
1988	4	4	112.5	48.6	78.7	239.8	76.4	74.5	21.8	21.3	28.0	17.8	50.5	31.7	45.4	50.2	36.6	74.6	68.3	37.0	59.1	933.0	
1988	4	5	120.2	52.3	80.6	253.1	48.1	63.0	14.0	16.7	21.4	11.3	37.8	20.2	32.4	33.9	44.6	93.3	144.5	36.9	75.4	946.6	
1988	4	6	165.9	44.3	93.4	244.6	40.9	76.3	12.4	38.9	45.3	15.6	36.2	17.2	39.3	29.6	61.3	115.4	146.5	43.1	109.1	1071.7	
1988	5	1	92.6	38.5	81.1	212.2	36.6	99.1	22.9	52.5	86.7	66.2	36.5	15.7	140.1	41.0	140.0	169.0	193.0	61.6	135.0	1508.1	
1988	5	2	119.8	52.3	86.6	258.3	84.1	74.5	16.4	27.2	39.9	23.6	33.8	22.0	60.0	38.2	70.5	126.6	153.2	47.7	90.8	1166.8	
1988	5	3	158.8	62.3	203.5	424.6	109.2	167.6	27.7	85.3	100.3	33.8	78.6	43.0	119.5	66.4	133.6	346.5	328.8	163.6	192.1	2420.6	
1988	5	4	100.1	39.7	112.3	252.1	196.3	150.2	48.3	63.7	88.1	56.2	93.5	63.8	164.0	119.0	169.9	410.0	394.7	190.7	351.1	2811.6	
1988	5	5	64.4	23.9	74.1	174.0	78.4	86.9	24.5	30.3	43.2	27.4	51.1	31.3	77.0	56.8	78.1	168.9	166.3	70.1	145.5	1309.8	
1988	5	6	42.1	17.1	40.2	174.0	49.4	45.3	12.1	14.4	21.2	13.7	25.7	17.6	38.2	32.1	42.6	90.0	94.4	35.0	73.9	779.6	
1988	6	1	46.9	20.3	32.3	174.0	96.7	32.9	9.3	10.3	15.1	9.9	19.7	24.9	28.1	35.3	34.7	84.0	90.4	52.8	62.0	780.1	
1988	6	2	64.0	28.9	35.2	174.0	97.9	31.2	9.4	8.5	12.5	9.1	21.4	26.6	26.7	41.2	36.3	111.3	106.5	48.6	55.1	816.3	
1988	6	3	60.1	24.1	64.5	174.0	64.0	49.3	11.5	6.8	11.2	10.9	29.9	22.5	30.8	35.3	34.7	78.1	73.5	26.3	43.5	702.3	
1988	6	4	38.7	15.7	47.1	174.0	34.4	31.9	7.6	6.1	9.1	7.4	18.1	12.6	21.0	20.4	22.8	52.0	47.2	19.7	33.0	517.3	
1988	6	5	51.5	22.6	33.0	174.0	31.9	25.9	6.5	6.1	8.9	6.3	15.8	11.0	17.7	17.7	19.4	45.1	42.2	21.1	30.6	480.2	
1988	6	6	49.7	22.5	25.5	174.0	72.0	22.4	6.0	6.0	8.8	6.1	15.3	14.1	17.6	18.8	19.5	41.7	46.3	17.2	31.7	515.5	
1988	7	1	57.1	25.4	30.3	174.0	74.0	24.7	7.2	7.7	11.9	8.6	14.6	17.8	19.6	23.3	17.9	38.8	35.9	21.8	30.3	528.1	
1988	7	2	78.9	36.4	32.3	174.0	50.3	32.0	15.1	5.9	8.8	13.1	26.8	20.0	21.0	34.8	17.8	38.3	33.9	17.0	30.2	539.0	
1988	7	3	65.8	31.1	23.2	174.0																	

# I-2 SIMULATED 5-DAY DISCHARGE BY SUB-BASIN OF KAMPAR RIVER SYSTEM (8/11)

Kampar River Basin				Kotapanjang														Total				
Year	Month	5-Day	K-01	K-02	K-03	K-04	K-05	K-06	K-07	K-08	K-09	K-10	K-11	K-12	K-13	K-14	K-15	K-16	K-17	K-18	Total	
1988	11	4	32.4	13.3	24.1	215.6	117.2	37.9	12.6	14.3	20.6	12.9	24.4	27.5	33.0	42.8	74.2	109.0	216.0	43.2	165.3	1166.5
1988	11	5	43.1	16.9	48.2	215.6	84.3	45.6	16.4	12.1	17.9	13.1	34.3	26.4	30.6	42.4	59.9	70.9	159.3	20.4	110.2	959.4
1988	11	6	37.4	14.8	38.4	215.6	56.3	32.3	9.4	19.2	21.4	8.4	20.1	17.4	22.1	25.5	40.2	46.5	116.7	15.2	78.3	744.6
1988	12	1	64.2	23.6	93.3	215.6	124.3	50.7	10.5	30.7	32.2	7.4	29.9	30.5	24.0	39.0	46.8	73.0	154.2	21.8	119.9	1010.5
1988	12	2	114.2	44.5	125.2	215.6	186.6	100.1	21.9	28.7	34.9	15.6	61.6	55.7	44.2	84.6	82.7	140.6	233.0	23.6	191.8	1521.2
1988	12	3	110.9	44.8	101.8	215.6	111.8	89.6	20.2	30.9	36.4	14.8	55.8	37.4	61.6	71.3	105.4	208.1	343.9	20.9	193.8	1617.5
1988	12	4	93.5	40.7	63.3	215.6	93.5	54.6	12.9	12.5	19.8	11.3	33.0	28.1	40.6	54.4	76.4	141.3	210.7	16.1	138.3	1159.1
1988	12	5	78.7	35.1	43.1	215.6	75.8	32.4	12.7	7.8	11.9	9.1	24.8	23.1	23.4	48.4	43.8	71.8	112.4	21.8	94.2	822.0
1988	12	6	83.7	36.5	45.6	215.6	156.8	37.2	16.7	20.1	23.5	13.8	30.3	41.8	33.9	81.8	63.7	90.5	167.2	14.7	95.3	1102.9
1989	1	1	110.2	44.6	137.8	215.6	125.9	116.6	21.1	7.3	16.5	38.3	51.2	37.8	72.1	63.5	66.4	86.1	93.5	37.0	82.0	1130.9
1989	1	2	132.7	55.4	96.6	215.6	142.6	115.0	38.9	6.6	25.0	52.4	76.3	53.2	112.4	96.4	113.9	229.2	195.4	117.5	150.3	1740.7
1989	1	3	115.2	50.9	61.3	215.6	220.7	76.5	28.2	11.2	30.3	38.2	46.7	53.3	99.8	90.8	105.0	176.2	183.9	66.0	135.2	1577.6
1989	1	4	152.1	59.0	211.6	215.6	422.6	174.9	39.7	11.7	34.2	46.5	98.8	107.2	126.1	151.4	240.5	616.4	709.9	304.1	474.7	3774.3
1989	1	5	121.5	47.3	117.3	215.6	194.1	107.8	30.8	8.9	23.2	28.7	72.9	59.8	89.9	94.5	119.2	270.5	291.2	114.1	211.9	1933.1
1989	1	6	81.0	32.7	65.2	215.6	102.8	62.3	17.3	7.3	14.2	16.7	40.2	32.6	52.2	50.3	62.8	136.0	143.8	54.1	100.5	1108.7
1989	2	1	61.4	26.0	36.7	174.0	64.1	40.5	13.7	7.0	14.0	13.2	27.5	21.2	36.5	33.2	38.3	68.8	76.6	26.4	54.3	709.3
1989	2	2	47.3	20.4	29.5	174.0	44.3	32.9	10.0	8.1	13.7	10.8	20.6	15.5	29.6	24.7	29.5	54.5	57.9	19.7	40.8	586.6
1989	2	3	39.4	16.8	25.7	174.0	37.9	28.4	9.3	7.6	12.9	9.9	18.4	13.2	30.7	21.9	28.9	53.2	73.1	15.4	37.3	572.1
1989	2	4	65.7	25.8	73.7	174.0	52.4	57.9	22.3	6.3	11.4	19.7	46.1	25.0	50.7	42.3	32.6	48.4	50.3	14.6	29.5	683.5
1989	2	5	60.8	24.2	59.6	174.0	54.0	49.0	19.6	6.8	11.2	15.5	41.0	25.5	38.2	40.7	24.2	53.0	44.6	44.9	35.1	677.3
1989	2	6	53.9	21.7	54.9	174.0	101.0	56.5	21.3	24.2	28.4	16.0	43.0	35.4	40.9	52.0	28.0	74.5	55.7	77.7	41.5	870.1
1989	3	1	91.0	33.7	127.9	174.0	213.5	105.9	22.6	26.3	34.9	23.0	56.8	57.2	50.6	66.5	44.6	99.8	74.0	93.0	85.7	1228.4
1989	3	2	88.6	34.1	93.3	174.0	106.9	85.8	18.2	19.8	30.6	22.7	45.2	34.3	50.3	45.1	39.4	93.3	55.8	80.4	63.6	966.4
1989	3	3	76.0	30.1	71.0	174.0	66.5	73.6	17.4	29.1	39.3	21.3	40.4	25.3	57.9	35.2	40.1	79.1	92.5	35.3	49.2	876.2
1989	3	4	72.8	30.6	55.4	174.0	42.0	56.7	12.4	32.6	39.7	14.7	28.5	16.7	60.5	24.2	40.7	89.0	91.1	22.4	49.9	795.1
1989	3	5	83.2	34.4	68.3	174.0	34.0	61.8	10.0	31.1	38.6	13.7	26.6	13.1	62.4	19.5	36.3	111.3	62.4	43.3	82.4	820.5
1989	3	6	96.2	38.0	101.3	174.0	31.5	83.0	9.0	36.9	45.7	15.8	30.9	12.8	67.7	17.9	32.1	77.2	50.9	19.5	68.1	773.0
1989	4	1	96.4	39.6	83.6	174.0	37.6	95.1	18.2	40.6	61.2	41.7	35.9	16.6	98.0	24.7	67.3	58.3	54.1	15.8	75.3	914.4
1989	4	2	118.5	46.1	148.1	174.0	32.5	121.1	20.6	38.8	50.7	25.5	59.7	20.6	68.6	27.0	43.2	46.3	42.4	14.2	57.4	842.6
1989	4	3	122.4	52.9	80.1	174.0	53.1	82.7	22.2	24.7	35.5	25.1	49.6	27.0	62.3	42.9	43.7	44.4	41.6	14.4	50.1	793.3
1989	4	4	66.2	28.1	46.3	174.0	33.8	59.6	24.6	16.5	25.3	22.5	45.5	22.3	58.5	43.1	33.8	44.2	43.5	17.8	37.5	702.5
1989	4	5	40.8	17.2	31.3	174.0	27.8	42.1	13.9	24.8	33.0	19.4	24.3	13.7	45.7	29.1	40.7	50.2	60.5	14.0	43.9	657.1
1989	4	6	37.5	15.8	28.6	174.0	25.8	50.4	16.0	40.6	49.9	23.2	26.4	11.5	59.8	33.3	92.4	156.1	261.7	26.2	142.1	1189.4
1989	5	1	34.7	14.3	38.8	174.0	30.7	58.2	18.0	20.4	32.3	35.3	31.2	15.3	90.9	36.6	65.8	146.8	118.1	56.3	102.8	1032.7
1989	5	2	31.3	12.5	36.1	174.0	24.9	70.8	33.3	12.8	27.9	38.4	47.7	21.0	95.9	53.4	66.5	138.8	78.5	49.2	76.2	1009.3
1989	5	3	42.1	16.8	49.8	174.0	25.4	55.3	16.1	19.2	29.3	19.8	29.9	13.0	60.3	31.1	64.3	117.2	135.9	25.5	97.8	914.1
1989	5	4	56.0	24.9	37.4	174.0	34.4	45.5	17.0	9.6	19.3	27.0	27.3	16.4	62.0	36.9	57.1	83.2	92.2	16.5	62.2	780.6
1989	5	5	38.7	16.9	24.5	174.0	34.5	40.8	18.2	9.0	17.9	26.4	24.2	15.6	63.2	39.5	72.3	109.3	147.9	17.5	86.7	897.0
1989	5	6	29.4	12.3	21.8	174.0	26.5	29.4	10.8	7.1	14.1	15.3	17.8	11.7	37.2	26.1	44.1	74.2	91.9	15.9	70.5	666.6
1989	6	1	26.1	11.1	18.5	174.0	21.7	23.6	7.7	5.8	10.9	10.2	13.6	8.8	26.6	18.4	28.0	50.7	65.0	13.7	55.4	534.1
1989	6	2	25.9	11.0	18.2	174.0	21.4	19.5	6.3	5.6	8.6	7.9	11.9	8.0	23.5	15.5	35.1	83.9	117.8	13.7	63.9	616.6
1989	6	3	25.7	10.9	18.1	174.0	21.2	18.8	5.6	5.6	8.4	6.1	11.7	7.9	17.9	13.7	22.0	44.4	48.6	13.6	37.2	456.7
1989	6	4	25.5	10.8	17.9	174.0	26.9	18.7	5.5	24.0	26.4	8.1	11.6	8.6	24.6	14.4	17.6	35.6	35.6	13.4	29.0	474.0
1989	6	5	25.3	10.7	17.8	174.0	21.6	22.1	13.6	16.4	20.6	11.2	22.4	11.8	25.0	24.6	16.9	34.2	32.7	13.3	28.5	488.9
1989	6	6	58.5	27.9	25.2	174.0	35.8	20.3	6.9	8.5	10.9	6.1	14.2	10.8	16.6	17.6	16.5	34.0	32.6	13.2	28.4	446.4
1989	7	1	39.6	18.1	18.8	174.0	26.0	19.9	13.6	5.7	8.3	6.8	23.4	11.8	17.4	22.7	16.5	66.7	32.4	88.1	36.7	570.0
1989	7	2	33.1	14.9	19.1	174.0	52.8	19.1	9.5	5.4	8.2	5.7	21.3	16.7	16.2	23.2	16.4	64.6	32.2	58.4	35.4	559.1
1989	7	3	26.3	11.7	18.1	174.0	38.0	18.2	5.4	5.4	8.1	5.7	11.9	13.0	16.1	18.3	16.2	48.9	31.9	46.1	29.7	486.9
1989	7	4	25.5	11.2	17.3	131.8	23.2	18.1	6.2	5.3	8.0	5.6	12.7	8.6	16.0	14.6	16.1	52.6	31.7	67.9	28.4	446.8
1989	7	5	24.8	10.6	17.2	52.6	20.6	18.0	5.4	5.3	8.0	5.6	11.2	8.0	15.9	13.6	16.0	42.4	31.5	47.1	27.8	329.0
1989	7	6	24.5	10.4	17.0	51.9	21.1	17.8	5.3	5.2	7.9	5.5	11.1	7.6	15.7	13.1	18.5	42.1	63.9	23.5	34.9	345.1
1989	8	1	24.3	10.3	17.9	52.5	20.1	18.1	5.3	5.2	7.8	7.3	11.0	7.5	16.6	13.0	18.5	34.7	57.3	16.2	27.6	318.7
1989	8	2	24.2	10.3	16.8	51.3	20.0	25.6	13.6	11.4	14.9	12.8	23.0	10.5	22.2	24.4	22.0	33.9	47.2	13.0	28.1	373.9
1989	8	3	26.0	11.2	19.3	56.5	19.9	35.1	22.8	5.8	9.5	21.3	36.5	13.2	29.4	34.4	24.4	32.7	34.3	16.2	40.9	432.9
1989	8	4	24.2	10.4	17.3	51.9	19.8	26.6	12.3	6.0	12.2	19.3	17.2	8.7	34.2	22.3	37.3	116.2	60.7	125.4	93.9	664.0
1989	8	5	23.8	10.1	23.9	57.8	21.4	22.2	6.8	7.1	10.5	10.7	13.1	7.9	22.7	14.2	23.5	64.8	42.4	50.2	83.6	458.9
1989	8	6	28.8	11.8	26.5	67.1	26.1	30.1	10.1	26.8	29.3	13.7	17.0	9.0	35.8	16.2	18.5	40.7	31.1	23.9	49.6	439.0
1989	9	1	49.4	18.2	81.4	149.0	31.2	69.4	14.9	20.0	25.4	12.0	40.9	17								

# I-2 SIMULATED 5-DAY DISCHARGE BY SUB-BASIN OF KAMPAR RIVER SYSTEM (9/11)

Kampar River Basin																				Total		
Year	Month	5-Day	K-01	K-02	K-03	Kotamanjung	K-04	K-05	K-06	K-07	K-08	K-09	K-10	K-11	K-12	K-13	K-14	K-15	K-16	K-17	K-18	Total
1990	1	1	51.4	21.3	43.8	215.6	66.6	64.9	23.7	33.7	43.9	25.1	43.2	28.8	74.8	62.3	52.0	108.4	63.1	37.2	118.3	1061.6
1990	1	2	40.2	17.4	29.5	215.6	33.2	39.9	12.9	18.7	25.6	15.2	23.3	15.0	45.5	32.3	29.1	61.9	40.3	23.5	62.1	694.1
1990	1	3	62.0	25.4	66.9	215.6	38.6	52.8	13.8	18.5	23.2	12.3	33.8	17.3	35.1	30.8	35.3	77.2	107.2	25.3	76.4	813.2
1990	1	4	172.4	63.4	261.3	215.6	76.1	173.6	28.6	21.4	27.5	19.2	103.0	40.7	51.0	56.5	50.8	110.7	126.1	30.1	100.9	1231.8
1990	1	5	133.8	53.1	129.6	215.6	60.3	121.9	37.8	26.1	31.8	20.3	95.2	40.6	59.4	60.3	33.1	66.8	56.5	18.4	64.5	1008.6
1990	1	6	106.7	42.8	99.7	215.6	55.7	89.3	20.3	14.5	18.6	13.1	58.9	30.4	37.6	40.1	21.9	46.4	34.2	14.9	49.0	760.5
1990	2	1	78.6	32.8	59.4	174.0	43.2	57.3	14.5	19.9	21.5	9.4	39.1	20.9	26.6	29.0	25.5	49.5	66.9	15.9	55.8	669.0
1990	2	2	139.9	58.4	125.0	174.0	156.8	160.2	60.0	125.1	123.7	27.2	138.0	77.5	73.5	125.5	67.7	139.3	222.4	39.0	161.1	1871.0
1990	2	3	130.7	53.7	117.4	174.0	207.0	140.7	56.4	59.0	66.0	29.9	129.5	83.8	70.8	128.2	55.9	102.3	151.3	25.2	116.6	1596.6
1990	2	4	93.8	37.6	101.9	174.0	111.4	100.1	32.5	29.8	36.4	19.8	75.3	47.0	50.4	71.8	39.0	75.6	98.3	16.3	77.2	1054.9
1990	2	5	109.3	42.8	121.0	174.0	86.0	109.6	30.9	17.8	23.3	17.1	80.9	42.2	46.4	60.6	35.3	79.4	101.6	15.8	77.4	998.3
1990	2	6	91.6	32.6	131.7	174.0	64.5	115.2	22.8	89.4	86.0	14.6	65.2	31.5	56.4	43.9	29.3	62.2	69.5	13.6	52.8	990.9
1990	3	1	63.7	24.3	68.9	174.0	39.2	66.6	14.4	25.3	29.6	9.6	41.2	19.7	42.2	26.2	20.6	43.9	42.2	13.3	38.4	646.5
1990	3	2	51.4	21.7	42.0	174.0	33.8	41.7	10.9	24.7	27.2	8.4	25.5	14.5	42.2	21.8	17.7	41.6	34.1	18.6	63.9	606.6
1990	3	3	57.5	25.9	30.0	174.0	29.0	34.7	11.4	22.3	25.1	7.8	24.3	14.8	40.6	21.2	16.0	38.8	29.6	13.1	44.9	547.6
1990	3	4	66.7	28.1	52.3	174.0	28.2	47.2	15.6	12.0	15.3	9.3	40.0	16.9	28.6	24.8	15.8	34.0	29.4	13.0	34.6	538.7
1990	3	5	80.8	34.2	60.0	174.0	32.9	59.4	19.8	31.8	32.7	9.7	45.5	22.6	39.4	31.8	19.0	38.7	64.4	12.9	42.5	677.1
1990	3	6	69.6	30.6	41.5	174.0	43.5	61.3	25.4	70.8	82.9	32.7	39.5	22.6	78.9	43.6	54.4	48.6	100.1	12.7	39.3	930.3
1990	4	1	96.8	39.3	97.2	174.0	36.4	86.3	21.1	32.2	45.2	26.9	43.2	21.0	78.2	35.3	43.3	39.2	50.4	12.6	30.7	776.0
1990	4	2	80.7	31.1	119.7	174.0	33.3	111.2	21.6	35.9	58.8	43.7	42.5	18.5	92.0	35.6	80.9	72.5	118.1	21.3	65.5	1025.4
1990	4	3	96.7	35.0	133.9	174.0	105.9	123.7	18.6	28.8	49.8	38.1	45.0	32.5	106.5	45.3	87.5	156.3	119.5	83.9	166.3	1381.7
1990	4	4	71.0	28.6	64.8	174.0	72.9	81.7	35.3	17.7	31.8	33.4	61.6	32.2	75.9	65.2	77.0	120.4	145.0	35.4	117.6	1177.0
1990	4	5	68.7	29.3	43.5	174.0	75.0	79.0	30.1	51.3	76.8	52.5	44.6	31.4	102.0	66.7	76.4	86.6	90.6	42.1	84.3	1163.4
1990	4	6	68.2	31.0	30.5	174.0	54.7	76.9	31.8	39.4	60.7	47.3	42.5	27.2	106.2	62.0	63.5	73.3	45.1	47.7	63.9	1016.2
1990	5	1	60.6	25.7	44.5	174.0	118.8	90.0	36.7	24.6	48.6	55.0	53.1	42.9	134.6	84.8	101.1	125.0	112.4	44.0	73.9	1319.5
1990	5	2	46.4	19.1	34.3	174.0	85.8	86.9	48.6	29.5	54.2	59.7	64.5	39.1	142.6	89.2	97.7	128.6	107.6	32.2	100.8	1341.0
1990	5	3	37.6	14.8	38.7	174.0	57.2	71.3	34.6	22.0	39.5	37.1	55.9	31.1	95.5	70.2	86.1	115.9	157.6	20.3	136.2	1204.5
1990	5	4	38.0	14.3	58.1	174.0	52.9	81.1	29.3	23.9	41.2	37.5	49.5	26.9	101.3	59.2	87.1	144.8	151.5	23.9	134.0	1218.1
1990	5	5	30.7	12.3	31.9	174.0	31.4	46.0	17.0	12.2	21.7	21.0	28.9	15.7	54.9	33.3	43.0	65.5	61.7	15.4	58.6	700.3
1990	5	6	25.4	10.4	26.1	174.0	26.8	29.7	10.1	8.5	14.2	11.9	18.5	11.5	31.8	22.0	26.0	43.0	37.8	12.3	38.8	516.9
1990	6	1	24.3	10.2	21.1	174.0	21.5	26.1	8.2	6.5	10.8	9.6	15.8	9.8	25.8	18.3	20.2	33.5	29.3	12.2	29.8	451.4
1990	6	2	24.2	10.2	27.7	174.0	29.6	34.6	10.7	7.2	12.4	16.1	19.2	10.0	30.3	21.1	42.0	48.6	81.1	17.8	38.5	593.2
1990	6	3	24.0	10.1	20.9	174.0	20.1	25.2	7.3	6.3	9.4	9.9	13.7	8.3	22.0	15.6	21.3	32.1	31.5	12.0	28.5	437.2
1990	6	4	23.8	10.0	17.6	174.0	53.5	21.1	9.9	6.3	9.1	7.8	16.7	16.4	18.8	27.0	16.4	31.9	29.1	11.9	28.3	478.2
1990	6	5	23.6	9.9	25.1	174.0	30.7	41.1	22.8	6.7	11.4	20.2	39.6	18.8	33.4	41.9	31.5	60.0	48.9	33.7	41.1	655.8
1990	6	6	23.5	9.9	18.1	174.0	30.3	22.4	12.7	6.1	9.0	9.6	21.9	12.3	18.2	25.5	16.3	31.5	28.1	12.9	28.0	458.8
1990	7	1	23.3	9.8	17.2	174.0	28.7	20.2	10.8	6.3	9.0	9.1	17.0	11.9	17.2	23.7	15.6	31.3	27.9	11.7	27.8	442.2
1990	7	2	23.2	9.7	17.1	66.2	20.0	19.0	7.5	8.7	10.8	7.8	13.0	8.6	18.2	17.2	21.0	39.0	57.7	11.6	36.6	362.9
1990	7	3	23.0	9.7	22.6	55.3	34.1	21.6	8.7	7.7	10.1	7.3	17.5	12.2	18.7	24.9	37.4	97.2	132.5	38.2	95.0	618.4
1990	7	4	24.5	10.6	23.1	58.2	19.8	21.0	6.8	8.9	14.1	10.7	12.9	8.5	24.0	16.6	25.3	39.7	50.3	12.2	55.6	384.6
1990	7	5	28.7	11.8	25.5	66.0	82.8	27.6	8.7	27.9	32.5	13.4	16.6	17.3	39.0	28.3	37.1	48.9	65.5	11.4	56.1	579.1
1990	7	6	27.3	11.0	28.8	67.1	140.9	30.6	9.1	12.7	19.9	12.7	15.2	33.4	48.0	43.8	30.4	62.7	47.0	14.7	49.2	637.4
1990	8	1	23.5	9.8	19.6	52.9	38.0	19.2	6.1	6.1	9.3	7.3	11.6	11.6	23.2	18.6	17.5	34.4	29.2	11.3	33.4	329.7
1990	8	2	22.8	9.8	17.2	49.8	24.0	18.5	6.9	5.9	8.7	6.1	13.2	8.7	18.1	16.3	17.2	34.1	47.6	11.2	31.2	317.5
1990	8	3	22.3	9.4	16.6	48.3	20.7	18.4	6.3	5.8	8.6	6.0	11.6	8.4	16.7	15.0	15.1	30.2	27.0	11.1	27.1	276.3
1990	8	4	22.2	9.3	16.4	47.9	19.3	18.2	5.6	5.8	8.5	5.9	11.4	7.8	16.6	13.9	15.0	29.6	26.8	10.9	26.8	270.3
1990	8	5	22.0	9.2	16.3	47.5	18.9	18.1	5.5	5.7	8.4	5.9	11.3	7.5	16.5	13.2	14.9	29.6	26.5	10.8	26.5	266.8
1990	8	6	21.8	9.2	16.1	47.1	111.4	17.9	5.5	5.7	8.4	5.8	11.1	18.3	19.5	20.5	14.7	34.9	26.2	18.7	30.8	396.5
1990	9	1	21.7	9.5	16.1	47.3	55.6	22.6	13.8	33.6	36.2	11.6	20.4	18.4	46.1	33.3	21.1	61.1	41.8	13.9	64.8	541.6
1990	9	2	21.6	9.2	15.9	46.7	35.3	17.9	8.2	13.7	18.8	10.5	12.3	10.9	39.0	22.1	39.5	83.1	102.5	10.8	98.2	569.5
1990	9	3	22.2	9.8	15.8	47.8	21.0	17.6	5.4	6.6	10.4	7.2	10.9	7.6	25.0	13.6	23.0	40.2	45.6	10.5	38.8	331.2
1990	9	4	39.0	16.2	46.2	101.4	18.5	30.1	8.1	5.6	8.3	6.7	19.5	8.9	18.0	15.9	15.0	29.5	26.6	10.4	28.4	505.4
1990	9	5	70.5	29.7	65.3	165.5	18.5	41.5	9.0	5.5	8.2	5.9	27.3	8.4	17.4	13.8	23.0	43.4	67.3	16.0	34.7	445.6
1990	9	6	53.5	22.6	44.7	120.8	25.6	28.0	5.7	5.5	8.1	5.7	16.3	8.9	16.3	12.8	17.0	56.6	48.1	39.6	30.6	445.6
1990	10	1	47.3	18.5	71.0	136.8	41.2	43.0	5.3	5.4	8.0	6.0	15.8	9.9	15.9	12.7	52.8	139.5	212.6	52.1	113.2	876.2
1990	10	2	111.6	49.3	65.4	174.0	44.1	52.6	11.1	5.4	8.0	17.4	23.9	14.5	28.5	20.4	48.7	97.7	115.9	42.9	81.1	786.2
1990	10	3	153.5	66.0	110.6	174.0	50.1	73.7	8.0	9.5	12.2	10.1	33.5	18.2	22.2	19.4	36.3	77.9	78.2	37.8	85.6	746.7
1990	10	4	107.2	44.0	97.7	174.0	33.5	66.0	7.1	17.7	16.6	10.7	27.9	12.6	30.4	14.1	44.4	80.1	102.2	3		

## I-2 SIMULATED 5-DAY DISCHARGE BY SUB-BASIN OF KAMPAR RIVER SYSTEM (10/11)

Kampar River Basin																			Total			
Year	Month	5-Day	K-01	K-02	K-03	Kotapanjang	K-04	K-05	K-06	K-07	K-08	K-09	K-10	K-11	K-12	K-13	K-14	K-15	K-16	K-17	K-18	Total
1991	2	4	78.1	30.5	74.6	174.0	31.6	73.7	16.1	22.6	32.0	19.6	38.9	17.3	60.0	23.6	27.2	58.8	26.3	23.9	30.5	676.1
1991	2	5	41.7	15.9	43.8	174.0	25.2	47.1	11.5	11.7	17.2	13.5	26.3	11.7	36.3	18.4	24.6	48.7	54.9	12.8	32.2	566.1
1991	2	6	32.4	12.6	30.7	174.0	20.8	33.2	8.5	9.2	14.5	11.2	18.0	10.3	37.7	16.2	20.3	39.4	26.1	12.1	27.0	478.5
1991	3	1	30.5	12.0	29.7	174.0	33.8	30.3	7.9	7.4	12.6	10.2	16.9	10.7	35.6	15.5	29.9	68.2	69.4	11.4	33.6	567.4
1991	3	2	40.6	18.1	26.0	174.0	72.1	27.9	7.3	13.9	19.4	12.9	15.0	17.0	36.7	19.4	21.0	40.5	25.9	11.1	26.7	540.8
1991	3	3	74.7	31.5	56.6	174.0	155.0	53.1	12.4	10.1	25.3	32.5	18.6	32.5	76.6	40.5	48.1	56.4	58.7	13.0	36.7	843.5
1991	3	4	81.4	33.4	71.9	174.0	192.0	66.9	20.5	10.1	22.9	29.1	37.5	50.7	68.5	69.8	51.7	82.2	75.5	37.5	45.9	1034.8
1991	3	5	66.5	29.0	46.6	174.0	144.6	50.3	23.5	7.5	16.7	24.6	36.8	41.9	64.7	62.7	51.4	99.2	86.0	38.7	53.5	976.1
1991	3	6	105.4	37.9	195.5	174.0	199.1	170.0	36.9	27.7	51.1	50.0	87.5	66.8	153.5	90.5	77.6	152.0	104.0	33.9	87.9	1562.5
1991	4	1	195.0	84.0	115.9	174.0	201.3	123.3	37.9	23.1	46.3	53.1	73.9	59.9	158.7	94.6	94.3	155.0	92.6	24.8	81.8	1494.6
1991	4	2	162.0	66.8	155.2	174.0	154.5	112.4	24.0	26.9	46.2	36.1	54.5	47.3	115.5	68.9	88.6	147.6	132.4	18.2	134.7	1381.8
1991	4	3	183.5	66.4	328.6	174.0	129.8	246.3	49.2	28.3	45.2	40.8	153.4	59.9	106.6	87.9	88.4	144.1	140.9	34.3	126.3	1655.4
1991	4	4	145.4	53.4	166.5	174.0	184.6	129.0	30.4	15.9	27.3	26.1	82.7	61.7	73.8	83.0	62.1	114.1	108.2	29.9	95.4	1298.2
1991	4	5	113.4	39.5	172.7	207.4	112.5	115.8	20.7	8.5	14.9	17.8	66.5	42.1	48.9	54.6	45.2	72.6	78.1	16.8	69.3	991.7
1991	4	6	105.0	38.7	120.3	264.0	78.6	92.4	13.8	6.3	12.0	12.9	47.7	29.1	32.8	36.2	37.9	72.9	72.0	30.3	70.2	909.1
1991	5	1	92.7	32.2	140.2	265.1	70.6	115.8	21.1	24.0	29.3	19.7	65.8	32.1	49.6	42.0	43.6	68.0	66.1	24.6	76.1	1013.5
1991	5	2	105.3	37.4	149.5	292.2	49.6	110.2	14.1	19.4	26.3	15.4	50.5	22.8	44.9	28.4	36.1	62.2	49.1	22.8	65.1	909.1
1991	5	3	87.8	31.2	127.0	246.0	99.8	124.9	21.3	74.5	81.5	23.6	62.2	34.9	62.9	47.9	63.3	83.6	120.8	23.3	108.3	1278.8
1991	5	4	110.6	39.6	161.2	311.4	73.8	136.6	31.4	25.9	32.8	19.8	95.5	40.3	52.2	58.0	44.6	62.1	82.5	16.7	80.0	1163.6
1991	5	5	133.6	53.9	130.4	317.9	48.0	89.3	16.5	11.4	16.9	13.1	50.3	24.3	34.7	33.0	33.0	49.6	62.8	19.4	62.1	882.3
1991	5	6	138.8	61.6	79.0	279.4	53.9	60.0	12.7	12.7	16.0	9.1	37.5	21.5	30.6	28.8	22.5	39.9	38.5	12.2	42.7	718.0
1991	6	1	96.1	42.7	52.6	191.4	42.0	52.6	18.3	18.2	23.0	14.3	38.3	21.1	44.1	34.8	21.3	41.1	34.0	17.9	37.0	649.4
1991	6	2	68.4	30.1	36.5	174.0	29.5	38.7	12.8	9.4	14.2	11.3	26.1	15.0	30.9	26.1	21.3	39.2	33.2	12.5	32.9	527.1
1991	6	3	40.9	17.4	29.5	174.0	24.6	28.6	7.9	6.1	9.5	7.5	17.8	11.1	21.2	18.0	17.0	31.4	26.2	10.9	26.6	438.4
1991	6	4	31.8	13.3	23.6	174.0	21.4	23.0	6.1	5.5	8.5	6.2	13.8	8.8	18.2	14.9	17.6	32.9	51.2	10.8	30.3	443.2
1991	6	5	24.8	10.3	19.3	174.0	21.1	19.7	5.7	5.5	8.4	6.1	12.0	8.1	17.4	13.7	15.3	30.2	28.4	10.6	26.3	402.5
1991	6	6	23.3	9.7	18.5	174.0	20.9	19.6	5.6	5.4	8.3	6.1	11.9	8.1	17.2	13.6	15.3	30.0	26.0	10.5	26.1	398.6
1991	7	1	23.2	9.6	19.6	174.0	33.8	19.4	5.6	5.4	8.2	6.0	11.8	9.3	17.1	13.7	15.2	29.7	25.4	10.4	25.9	411.1
1991	7	2	23.0	9.5	18.3	174.0	21.9	19.3	5.5	6.7	9.1	6.0	11.7	8.0	17.0	13.4	15.0	29.4	25.4	10.3	25.7	398.4
1991	7	3	22.8	9.5	18.1	174.0	20.6	19.1	6.4	6.9	9.1	5.9	12.9	7.9	16.8	13.6	14.9	29.2	25.1	10.2	25.4	398.0
1991	7	4	22.7	9.4	18.1	174.0	20.4	19.0	5.6	5.3	8.1	5.9	12.4	7.8	16.7	13.2	15.1	29.3	32.5	10.0	25.8	401.1
1991	7	5	22.5	9.3	17.9	174.0	20.2	18.9	5.4	5.2	8.0	5.8	11.4	7.8	16.6	13.1	14.7	29.2	32.2	10.0	25.0	397.0
1991	7	6	22.3	9.3	17.8	174.0	20.0	18.7	5.4	7.5	9.4	5.8	11.3	7.7	16.4	13.0	14.5	28.4	24.5	9.8	24.7	391.1
1991	8	1	22.1	9.2	17.6	174.0	19.8	18.5	5.3	5.2	7.9	5.7	11.2	7.6	16.3	12.9	14.4	28.2	24.3	9.7	27.3	388.3
1991	8	2	21.9	9.1	17.5	174.0	19.6	18.4	5.3	5.1	7.8	5.7	11.1	7.6	16.2	12.7	14.3	27.9	24.7	10.1	24.4	384.9
1991	8	3	21.8	9.0	21.5	174.0	81.2	44.3	23.9	17.6	30.1	32.9	34.1	24.3	75.8	48.4	55.7	70.8	97.2	9.5	38.3	858.1
1991	8	4	21.6	8.9	17.3	174.0	29.3	25.4	12.7	7.4	12.3	12.7	21.5	13.4	30.2	28.8	31.4	41.5	65.4	9.5	25.6	541.1
1991	8	5	21.5	8.9	18.7	174.0	24.9	18.8	9.7	5.0	7.7	7.0	17.9	9.5	16.6	19.2	14.9	27.5	25.0	9.4	23.9	411.0
1991	8	6	21.3	8.8	17.0	174.0	32.7	18.0	6.9	5.0	7.6	6.1	13.2	10.6	15.9	20.0	19.3	35.3	62.4	9.3	30.7	467.0
1991	9	1	21.1	8.7	23.6	174.0	35.4	23.0	5.6	25.8	26.8	8.3	12.2	10.3	26.2	16.3	15.3	27.1	24.7	10.2	23.5	464.7
1991	9	2	30.7	12.6	31.6	174.0	23.3	24.5	7.9	14.3	16.9	6.9	15.1	10.2	19.0	16.9	14.2	26.9	23.6	9.1	23.3	426.1
1991	9	3	38.9	16.6	30.7	174.0	19.7	21.0	5.6	6.3	8.2	5.6	12.2	8.4	15.6	13.9	13.9	26.7	23.4	9.0	23.1	386.6
1991	9	4	35.6	14.8	29.7	165.7	72.2	18.5	5.2	9.3	9.7	5.5	11.2	14.0	15.5	18.3	29.7	75.8	143.9	20.1	54.7	669.3
1991	9	5	51.7	18.4	82.2	152.3	58.5	49.3	15.5	5.0	7.7	9.3	21.1	12.5	17.4	21.2	24.4	26.2	55.3	8.8	22.7	607.7
1991	9	6	41.3	16.4	39.5	97.2	28.7	27.2	10.5	5.0	7.7	9.3	21.1	12.5	17.4	21.2	24.4	26.2	55.3	8.8	22.7	395.2
1991	10	1	33.4	13.5	28.3	75.2	27.4	18.7	5.4	4.8	7.4	5.4	11.9	9.1	15.3	13.6	14.1	26.1	26.6	8.7	22.6	292.3
1991	10	2	24.0	9.8	20.3	54.1	21.4	17.4	5.0	4.8	7.3	5.4	10.6	7.6	15.1	12.4	13.6	25.8	22.9	8.6	22.3	254.3
1991	10	3	20.6	8.5	19.9	49.0	18.6	17.4	5.0	7.0	9.0	5.3	10.5	7.2	15.0	12.2	13.4	25.6	24.0	11.6	22.1	252.9
1991	10	4	41.5	17.9	29.3	88.7	42.1	17.2	5.7	9.2	10.1	5.3	11.7	12.6	14.9	18.1	13.3	25.4	22.5	8.5	21.9	327.2
1991	10	5	46.3	19.6	34.6	100.5	51.0	17.3	4.9	10.7	13.9	6.6	10.4	12.1	18.7	15.0	13.7	25.2	22.4	15.8	21.7	359.9
1991	10	6	33.2	13.5	28.2	74.9	80.0	39.9	38.3	16.7	20.6	19.9	59.9	39.5	36.6	76.0	13.5	25.0	26.5	8.6	21.4	597.3
1991	11	1	46.6	19.7	36.4	102.7	291.7	52.2	45.1	12.7	18.0	27.6	74.0	87.6	62.1	143.5	49.8	109.3	143.1	23.8	112.4	1355.6
1991	11	2	97.0	40.0	108.7	215.6	131.9	62.1	29.7	9.4	17.2	24.5	56.1	45.3	76.5	77.3	69.9	178.9	192.8	52.0	118.8	1358.0
1991	11	3	100.9	40.1	94.8	215.6	107.1	79.0	20.8	27.5	36.3	20.7	47.2	35.0	95.5	53.0	69.2	189.3	173.0	42.7	142.4	1354.3
1991	11	4	94.1	34.9	164.7	215.6	118.2	116.4	23.9	21.6	34.7	31.3	56.4	40.4	96.3	57.4	66.7	157.4	129.7	50.5	135.6	1352.1
1991	11	5	140.5	49.7	223.7	215.6	191.3	174.8	32.4	39.4	55.9	39.8	94.2	61.2	114.6	77.5	80.7	134.8	139.7	29.2	106.4	1587.5
1991	11	6	116.3	42.8	133.3	215.6	133.4	113.1	21.3	34.5	50.9	31.2	53.8	42.4	115.5	56.3	77.6	179.4	135.2	38.1	146.5	1444.8
1991	12	1	119.5	44.9	144.9	215.6	80.9	120.7	29.5	37.4	49.2	27.3	78.7	34.8	101.4	57.2	70.7	183.4	137.8	54.9		

# I-2 SIMULATED 5-DAY DISCHARGE BY SUB-BASIN OF KAMPAR RIVER SYSTEM (11/11)

Kampar River Basin			K-01	K-02	K-03	Kotopanjang	K-04	K-05	K-06	K-07	K-08	K-09	K-10	K-11	K-12	K-13	K-14	K-15	K-16	K-17	K-18	Total	
Year	Month	5-Day																					
1992	4	1	63.7	24.4	78.1	174.0	32.4	39.0	5.2	17.7	19.5	6.3	15.1	10.8	21.1	12.9	18.7	43.2	53.1	22.0	44.7	535.7	
1992	4	2	67.8	23.9	103.1	174.0	28.4	65.8	5.1	12.8	19.4	12.5	17.8	9.7	37.3	12.7	34.0	56.6	58.6	21.7	43.7	610.1	
1992	4	3	73.7	22.8	161.4	174.0	151.3	143.3	28.7	10.5	23.6	35.4	76.2	49.0	66.6	69.3	66.4	115.3	114.8	47.3	83.9	1255.6	
1992	4	4	70.0	23.9	100.1	174.0	76.1	98.3	19.5	39.9	49.9	22.1	53.5	29.5	63.5	43.0	54.3	84.0	100.4	23.4	70.2	1001.6	
1992	4	5	62.4	23.1	71.4	174.0	34.8	64.1	14.0	20.3	29.5	16.1	35.5	18.1	46.8	28.7	37.3	62.0	54.7	16.5	52.8	705.2	
1992	4	6	62.3	26.3	50.5	174.0	24.9	52.7	31.0	9.8	16.2	17.2	56.8	17.8	41.1	42.6	30.6	58.7	55.3	21.0	48.6	698.3	
1992	5	1	102.0	45.3	55.2	174.0	31.3	53.4	18.0	7.0	11.6	16.9	39.3	19.4	39.3	38.2	35.7	61.1	64.3	20.9	45.8	676.2	
1992	5	2	112.7	49.8	64.7	174.0	41.8	50.0	15.3	18.7	19.8	15.8	34.4	18.0	39.7	33.2	56.2	76.7	122.0	24.7	54.7	795.0	
1992	5	3	70.9	31.0	41.3	174.0	46.0	39.3	10.5	23.1	28.9	14.9	21.0	15.3	42.6	28.0	45.4	70.6	88.6	27.3	48.8	724.3	
1992	5	4	51.9	22.0	33.7	174.0	53.1	34.7	9.1	26.5	31.7	17.2	17.2	14.5	42.6	26.9	61.1	122.1	129.7	66.1	68.2	894.7	
1992	5	5	48.4	20.9	30.6	174.0	49.2	31.5	7.0	37.8	45.0	13.6	14.5	11.2	41.7	20.8	66.0	126.1	168.2	60.1	79.0	945.7	
1992	5	6	73.3	28.0	91.2	174.0	37.6	47.5	5.7	15.6	21.2	7.8	15.1	9.7	24.5	15.9	45.8	91.6	124.2	38.3	79.2	753.7	
1992	6	1	56.2	21.0	68.6	174.0	27.8	47.0	5.1	8.8	15.1	10.4	13.1	8.9	30.4	13.3	40.8	76.7	77.1	33.8	64.0	646.3	
1992	6	2	53.0	19.5	66.0	174.0	23.7	42.9	5.0	8.3	13.2	8.2	13.0	8.1	26.9	12.4	29.6	48.7	46.9	15.8	45.2	521.9	
1992	6	3	32.1	12.5	38.7	174.0	20.7	27.0	5.0	5.6	9.5	6.2	11.8	7.7	19.0	12.4	24.0	43.0	60.2	13.5	46.5	486.1	
1992	6	4	27.6	10.8	26.4	174.0	20.5	21.3	4.9	5.2	8.0	5.4	11.1	7.6	16.6	12.3	20.4	35.6	40.0	10.3	31.5	424.7	
1992	6	5	22.3	8.9	21.5	174.0	20.3	18.6	4.9	5.2	7.8	5.3	11.0	7.6	15.7	12.1	15.2	29.6	26.7	11.8	24.7	390.5	
1992	6	6	21.7	8.8	18.6	174.0	20.2	18.5	4.8	5.1	7.7	5.3	10.9	7.5	15.6	12.0	13.7	27.1	23.5	9.4	22.7	378.0	
1992	7	1	21.6	8.8	24.4	174.0	20.0	18.6	4.8	5.1	7.6	5.2	10.8	7.4	15.4	11.9	13.6	26.8	23.4	9.3	22.5	376.4	
1992	7	2	28.5	10.9	33.6	174.0	23.0	18.2	4.8	5.8	7.9	5.2	10.8	7.4	15.3	11.9	13.5	26.6	23.1	9.1	22.3	378.9	
1992	7	3	49.5	20.3	43.6	174.0	81.4	66.0	55.9	6.6	11.1	41.7	83.8	48.4	64.3	101.0	41.5	51.9	55.5	17.2	29.4	929.7	
1992	7	4	37.6	15.1	37.9	174.0	49.3	38.7	15.1	5.0	8.3	13.3	29.7	19.9	47.5	34.6	20.2	41.8	25.2	10.4	22.0	555.0	
1992	7	5	23.3	9.3	22.4	174.0	34.6	25.2	15.0	4.9	7.5	13.5	21.9	15.7	30.3	29.9	15.1	26.4	22.7	14.8	21.8	473.3	
1992	7	6	26.8	10.3	35.7	174.0	52.8	47.1	19.1	23.4	25.7	22.4	33.0	22.9	54.7	41.7	24.6	30.9	34.8	8.9	52.5	668.5	
1992	8	1	21.9	8.5	29.7	174.0	33.9	34.4	8.4	15.6	19.8	10.2	19.3	13.7	33.8	21.1	16.8	25.9	22.4	8.9	55.0	513.2	
1992	8	2	21.0	8.5	23.7	174.0	22.0	21.8	6.2	7.5	9.9	6.4	13.2	9.0	19.3	14.7	13.2	25.8	22.2	11.4	36.7	413.3	
1992	8	3	20.8	8.5	21.0	174.0	20.6	23.6	15.4	4.9	7.4	8.3	28.2	13.0	17.1	26.9	13.1	25.6	26.1	8.7	22.2	435.1	
1992	8	4	20.7	8.4	20.2	174.0	19.7	28.4	16.7	9.7	12.0	10.7	30.0	11.7	24.5	26.6	13.5	25.4	22.4	8.6	23.4	457.3	
1992	8	5	20.6	8.4	20.3	174.0	22.0	19.7	7.1	4.8	7.3	5.5	15.8	8.3	15.6	14.0	12.9	25.2	21.7	8.5	21.5	383.9	
1992	8	6	20.5	8.3	18.3	174.0	19.2	17.7	5.0	4.8	7.2	5.0	11.2	7.4	14.8	12.0	12.8	25.0	21.6	8.4	21.1	367.2	
1992	9	1	20.3	8.2	17.6	174.0	19.0	17.5	4.6	11.0	11.3	5.0	10.4	7.1	14.7	11.5	12.7	24.6	21.3	8.3	20.9	373.9	
1992	9	2	21.5	8.2	54.4	174.0	18.8	49.5	24.3	25.7	24.5	8.1	55.6	12.6	18.4	28.8	15.0	25.1	31.1	8.2	24.7	544.4	
1992	9	3	33.4	12.6	47.1	174.0	92.2	67.5	24.9	23.7	31.3	25.8	44.9	38.6	52.7	68.6	71.6	111.0	204.2	26.2	88.7	1145.9	
1992	9	4	65.6	27.5	47.0	144.0	80.4	100.2	65.0	32.8	48.1	49.7	106.6	48.8	98.8	114.7	97.0	166.9	195.7	66.6	109.3	1524.6	
1992	9	5	101.3	44.3	59.2	174.0	62.6	88.3	36.6	24.7	36.2	31.8	70.6	38.5	79.4	73.7	62.8	125.2	118.2	57.6	81.3	1161.5	
1992	9	6	126.7	53.6	96.7	174.0	53.0	90.4	23.0	29.3	42.3	26.7	51.6	26.9	75.0	46.5	53.0	88.8	81.9	23.9	71.2	957.5	
1992	10	1	73.8	29.6	84.2	174.0	101.0	74.1	18.0	18.9	28.3	19.8	43.3	34.1	55.0	48.2	47.7	70.9	133.2	12.2	96.1	974.8	
1992	10	2	63.4	25.0	68.3	174.0	85.7	65.4	17.2	15.2	24.5	20.5	37.6	28.4	59.0	47.3	75.8	116.9	182.6	10.1	144.2	1104.4	
1992	10	3	54.9	22.7	44.0	174.0	65.5	46.0	13.4	9.2	16.8	16.5	26.3	21.6	47.1	35.9	48.2	70.0	98.1	8.3	76.4	773.3	
1992	10	4	39.3	16.7	27.3	161.0	37.2	34.6	10.9	11.4	22.6	21.2	16.6	13.1	65.2	24.2	42.6	40.7	53.1	8.1	40.9	603.4	
1992	10	5	28.7	11.8	22.9	63.4	47.7	25.8	8.0	7.1	13.5	14.1	14.7	13.4	42.6	21.1	37.0	36.6	49.9	8.0	53.1	456.0	
1992	10	6	40.4	17.1	29.7	87.2	71.0	24.2	9.7	5.2	9.8	11.6	16.5	17.3	29.5	25.6	27.9	33.3	36.7	12.4	35.5	453.4	
1992	11	1	86.1	40.4	30.5	157.0	68.1	31.2	16.8	10.3	16.4	17.9	25.1	22.4	66.3	37.7	36.0	63.2	39.9	20.4	52.2	680.9	
1992	11	2	83.1	33.7	86.5	203.3	68.4	75.1	28.7	6.9	12.3	18.0	69.8	32.2	79.5	53.4	57.5	141.7	133.4	29.0	108.3	1117.5	
1992	11	3	60.8	24.0	65.7	150.5	81.9	74.7	22.5	84.4	81.3	17.5	48.0	31.3	78.5	50.5	68.2	152.3	182.5	40.3	140.5	1304.9	
1992	11	4	70.0	25.6	114.9	210.5	236.8	122.2	37.6	71.6	81.1	24.1	88.2	74.3	94.3	102.6	76.5	184.9	208.4	69.1	197.4	1879.6	
1992	11	5	117.7	46.5	115.3	215.6	154.6	111.4	36.5	32.1	41.5	25.6	85.1	58.8	93.3	89.1	60.6	206.3	138.2	117.6	193.3	1659.6	
1992	11	6	85.7	33.1	94.6	215.6	111.3	93.6	30.5	23.8	31.5	20.7	70.4	45.3	76.3	65.9	38.6	121.0	62.7	55.6	116.8	1179.6	
1992	12	1	67.9	25.7	86.9	215.6	66.6	89.3	28.1	30.1	34.3	16.1	68.4	34.5	57.7	56.0	23.0	89.3	39.9	50.5	89.6	989.0	
1992	12	2	86.6	31.1	126.6	215.6	52.9	118.2	39.1	17.8	23.1	19.0	102.0	39.3	49.3	74.7	33.9	96.9	72.0	51.0	89.9	1094.7	
1992	12	3	89.8	34.7	94.9	215.6	71.9	85.3	27.8	11.0	18.0	24.9	59.8	36.3	60.4	72.0	46.7	84.4	61.3	32.9	120.5	1028.8	
1992	12	4	78.3	29.5	94.1	215.6	48.1	91.7	29.9	14.4	20.7	27.9	62.4	29.1	68.5	65.1	48.6	103.0	59.3	45.8	94.4	1024.5	
1992	12	5	51.9	17.6	87.7	202.6	35.4	88.7	28.0	21.0	30.1	22.1	62.9	26.4	58.4	64.2	55.6	152.2	115.2	74.5	103.4	1140.7	
1992	12	6	71.8	29.4	61.9	163.1	54.0	59.4	18.5	8.4	16.6	17.5	39.3	24.4	46.6	54.8	60.2	142.0	126.9	63.1	88.1	982.9	