

Table 1

TIME MINS	FREQUENCY OF STORM YEAR							
	1	2	3	5	10	20	50	100
2.0	77.7	96.5	107.4	121.3	159.1	184.5	184.5	204.4
2.5	73.5	90.8	101.5	114.6	132.6	150.9	175.5	194.6
3.0	69.4	86.1	95.7	108.6	125.9	143.9	167.6	186.4
3.5	65.7	81.7	91.1	103.5	120.3	137.4	160.9	178.9
4.0	62.6	78.0	87.2	98.9	115.3	132.0	155.0	172.7
4.1	62.0	77.2	86.3	98.1	114.3	131.4	153.9	171.7
4.2	61.4	76.6	85.4	97.3	113.4	130.0	152.8	170.4
4.3	Co. 9	75.7	84.8	96.3	112.6	129.3	151.8	169.1
4.4	60.3	75.2	84.0	95.7	111.7	128.1	150.6	168.1
4.5	59.7	74.6	83.5	94.8	110.8	127.1	149.5	167.3
4.6	59.2	73.7	82.9	93.9	110.0	126.5	148.6	166.1
4.7	58.6	73.1	82.0	93.4	109.1	125.6	147.8	165.0
4.8	58.1	72.6	81.5	92.6	108.3	124.6	146.5	164.0
4.9	57.7	72.0	80.9	91.7	107.4	123.7	145.7	162.9
5.0	57.2	71.4	80.0	91.1	106.6	122.7	144.9	162.0
5.1	56.6	70.9	79.4	90.6	106.0	121.8	144.1	160.9
5.2	56.0	70.3	78.9	89.7	105.2	121.3	142.9	160.0
5.3	55.8	69.8	78.3	89.1	104.6	120.3	142.1	159.1
5.4	55.2	69.2	77.7	88.5	103.7	119.5	141.2	158.4
5.5	54.9	68.6	77.2	87.6	103.2	118.7	140.3	157.5
5.6	54.3	68.1	76.6	87.2	102.4	118.0	139.7	156.6
5.7	54.0	67.5	76.1	86.6	101.8	117.2	138.6	155.8
5.8	53.4	67.2	75.5	86.1	100.8	116.8	138.2	155.0
5.9	53.2	66.6	74.9	85.5	100.2	115.8	137.3	154.1
6.0	52.5	66.0	74.3	84.8	99.7	115.3	136.2	153.1
6.2	51.8	65.1	73.5	83.7	98.3	113.7	135.0	151.5
6.4	51.2	64.4	72.3	82.6	97.3	112.6	133.5	150.0
6.6	50.3	63.1	71.2	81.5	96.1	111.2	132.0	148.6
6.8	49.5	62.3	70.3	80.6	94.8	110.0	130.6	147.3
7.0	48.8	61.4	69.4	79.4	93.7	108.6	129.4	145.9
7.2	48.0	60.9	68.5	78.5	92.6	107.4	128.1	144.3
7.4	47.5	60.1	67.7	77.4	91.7	106.3	127.0	142.9
7.6	46.9	59.2	66.8	76.5	90.6	105.2	125.9	141.8
7.8	46.4	58.3	66.0	75.7	89.7	104.2	124.3	140.3
8.0	45.8	57.7	65.1	74.8	88.5	103.2	123.0	139.3
8.2	44.9	56.8	64.6	74.0	87.6	102.0	121.8	138.2
8.4	44.3	56.3	63.7	73.1	86.8	101.3	121.3	137.0
8.6	44.0	55.8	62.9	72.3	86.1	100.2	120.0	135.8
8.8	43.4	54.9	62.3	71.8	85.2	99.1	118.7	134.7
9.0	42.9	54.3	61.4	70.9	84.3	98.3	118.0	133.5
9.2	42.3	53.8	60.9	70.0	83.4	97.4	117.0	132.4
RAINFALL INTENSITY IN mm/hr FROM REVISED BILHAM FORMULA								

TIME MINS	FREQUENCY OF STORM YEAR							
	1	2	3	5	10	20	50	100
9.4	41	53.2	60.0	69.4	82.6	96.5	1-5 9	131.5
9.6	41.2	52.5	59.4	68.6	81.7	95.7	114 9	130.3
9.8	40.9	52.0	58.8	68.1	81.2	94.8	114.0	129.3
10.0	40.3	51.4	58.3	67.5	80.3	93.9	113.2	128.4
10.5	39.2	50.1	56.6	65.7	78.5	92.0	110.8	125.9
11.0	38.2	48.8	55.5	64.4	77.0	90.0	108.9	123.8
11.5	37.1	47.7	54.0	62.8	75.2	88.3	106 9	12-1.6
12.0	36.2	46.6	52.8	61.4	73.7	85.6	105 2	119.3
12.5	35.4	45.5	51.6	60.0	72.3	85.1	103.2	117.8
13.0	34.7	44-3	50.5	58.8	70.9	83.4	101. 5	115.9
13.5	33.8	43.4	49.4	57.7	69.4	82.0	100.0	114.3
14.0	32.9	42.5	48.6	56.6	68.1	80.6	98.3	112.6
14.5	32.3	41.7	47.5	55.5	66.9	79.1	97.0	110.8
15.0	31.7	41.0	46.6	54.3	65.8	78.0	95.5	109.5
16.0	30.3	39.2	44.9	52.5	63.5	75.4	92.6	106.3
17.0	29.1	37.7	43.2	50.6	61.4	73.1	90.0	103.7
18.0	28.4	362	41,7	48.8	59.7	71.1	87.6	101.3
19.0	27.5	351	40.3	47.5	57.7	69.2	85.5	98.6
20.0	26.6	34.0	39.2	54.9	56.3	67.5	83.4	96.3
25.0	22.8	29.5	33.6	40.1	49.2	59.4	74.6	86.9
30.0	20.6	26.0	30.0	35.4	44.0	53.4	67.7	79.4
35.0	18.6	23.7	27.1	32.0	39.7	48.8	62.0	73.1
40.0	16.9	21.7	24.9	29.1	36.2	44.9	57.4	68.1
45.0	15.8	20.0	22.8	26.9	33.8	41.4	53.4	63.7
50.0	14.6	18-6	21.4	25.2	31.2	38.6	50.3	60.1
55.0	13.7	17.4	20.0	23.4	29.1	36.2	47.0	56.6
60.0	13.2	16.5	18.9	22.3	27.5	34.0	44.6	53.8
65.0	12.3	15.8	17.8	20.8	26.0	32.3	42.3	51,2
70.0	11.7	14.9	16.8	20.0	24.9	30.6	40.3	48.8
75.0	11.1	14.3	16.0	19.1	23.7	29.1	38.6	46.9
80.0	10.9	13.7	15.4	18.3	22.6	28.0	36.9	44.9
85.0	10.2	13.2	14.9	17.4	21.7	26.9	35.1	43.2
90.0	10.0	12.6	14.3	16.9	20.8	25.7	34.0	41.4
95.0	9.7	12-0	13.7	16.3	20.0	24.9	32.6	40.1
100.0	9.5	11.7	13.2	15.6	19.5	24.1	31.5	38.6
105.0	9.1	11.5		15.2	18.9	23.2	30.3	37.5
110.0	8.9	10.9		14.6	18.0	22.3	29.5	36.0
115.0	8.6	10.6		14.3	17-9	21.7	28.6	34.9
120.0	8.3	10.2		13.7	17.1	21 .2	27.7	34.0
RAINFALL INTENSITY IN mm/hr FROM REVISED BILHAM FORMULA								