

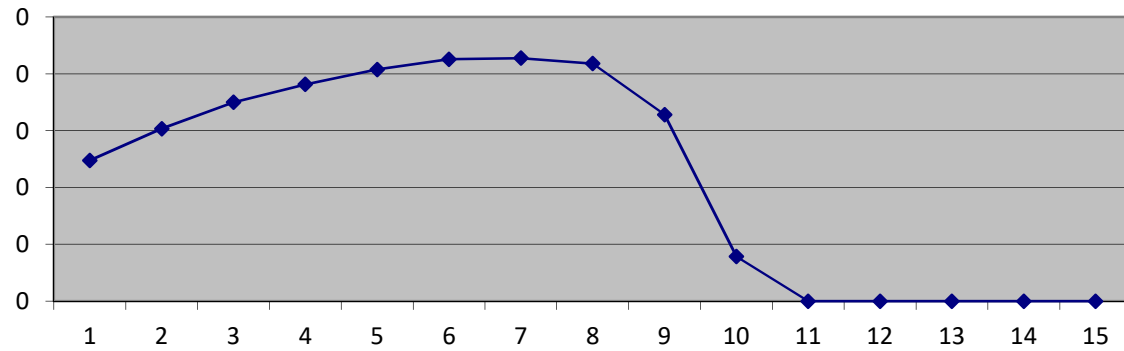


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Drainage Attenuation Storage Bever Street, Goldthorpe

Input Data

M5-60 =	19	mm	Fig A.1
r =	0.33		Fig A.2
T =	100	yrs	
C =	2.78		
Max Allowable Flow :=	8.6	l/s	
Contributing Area =	1232	m ²	
Flow/Ha =	69.81	l/s/Ha	
Percentage Increase =	40	%	



Output Data

Duration	Z1	M5-D (M5-60)*Z1	Z2	I mm/h	Increased Rainfall	Qp l/s	Increased Flow	Storage m ³	Percentage Increased Storage m ³
5	0.35	6.6	1.83	146	204	50	70	12	18
7.5	0.43	8.3	1.87	123	173	42	59	15	23
10	0.51	9.7	1.90	110	154	38	53	17	27
12.5	0.57	10.8	1.92	99	139	34	48	19	29
15	0.62	11.8	1.94	91	128	31	44	20	32
22	0.71	13.5	1.97	72	101	25	35	21	34
30	0.79	15.0	1.99	60	84	20	29	21	36
35	0.83	15.8	2.00	54	76	19	26	21	36
60	1.00	19.0	2.02	38	54	13	18	16	35
100	1.17	22.3	2.02	27	38	9	13	4	26
120	1.24	23.6	2.02	24	33	8	11	0	20
240	1.54	29.3	1.98	14	20	5	7	0	0
360	1.74	33.1	1.95	11	15	4	5	0	0
600	1.99	37.7	1.91	7	10	2	3	0	0
1440	2.58	49.1	1.82	4	5	1	2	0	0