

Lampiran 3 Perhitungan Pola Distribusi Hujan Metode ABM

Distribusi Hujan 2 Jam						
Td (jam)	It (mm/jam)	It Td (mm)	Δp (mm)	Pt (%)	Hyetograph	
					(%)	(mm)
1	30,020	30,020	30,020	79,370	20,630	15,165
2	18,912	37,823	7,803	20,630	79,370	58,343
Jumlah			37,823	100,000	100,000	73,508

Distribusi Hujan 4 Jam						
Td (jam)	It (mm/jam)	It Td (mm)	Δp (mm)	Pt (%)	Hyetograph	
					(%)	(mm)
1	30,020	30,020	30,020	62,996	9,144	6,722
2	18,912	37,823	7,803	16,374	62,996	46,307
3	14,432	43,297	5,474	11,486	16,374	12,036
4	11,914	47,654	4,357	9,144	11,486	8,443
Jumlah			47,654	100,000	100,000	73,508

Distribusi Hujan 5 Jam						
Td (jam)	It (mm/jam)	It Td (mm)	Δp (mm)	Pt (%)	Hyetograph	
					(%)	(mm)
1	30,020	30,020	30,020	58,480	7,168	5,269
2	18,912	37,823	7,803	15,200	10,663	7,838
3	14,432	43,297	5,474	10,663	58,480	42,988
4	11,914	47,654	4,357	8,489	15,200	11,173
5	10,267	51,334	3,680	7,168	8,489	6,240
Jumlah			51,334	100,000	100,000	73,508

Distribusi Hujan 6 Jam						
Td (jam)	It (mm/jam)	It Td (mm)	Δp (mm)	Pt (%)	Hyetograph	
					(%)	(mm)
1	30,020	30,020	30,020	55,032	6,746	4,959
2	18,912	37,823	7,803	14,304	10,034	7,376
3	14,432	43,297	5,474	10,034	55,032	40,453
4	11,914	47,654	4,357	7,988	14,304	10,515
5	10,267	51,334	3,680	6,746	7,988	5,872
6	9,092	54,550	3,216	5,896	5,896	4,334
Jumlah			54,550	100,000	100,000	73,508

Distribusi Hujan 7 Jam						
Td (jam)	It (mm/jam)	It Td (mm)	Δp (mm)	Pt (%)	Hyetograph	
					(%)	(mm)
1	30,020	30,020	30,020	52,276	5,009	3,682
2	18,912	37,823	7,803	13,588	6,408	4,710
3	14,432	43,297	5,474	9,531	9,531	7,006
4	11,914	47,654	4,357	7,588	52,276	38,427
5	10,267	51,334	3,680	6,408	13,588	9,988
6	9,092	54,550	3,216	5,601	7,588	5,578
7	8,204	57,426	2,876	5,009	5,601	4,117
Jumlah			57,426	100,000	100,000	73,508

Agihan Hujan 8 Jam Kala Ulang 2 Tahun						
Td (jam)	It (mm/jam)	It Td (mm)	Δp (mm)	Pt (%)	Hyetograph	
					(%)	(mm)
1	30,020	30,020	30,020	50,000	4,353	3,200
2	18,912	37,823	7,803	12,996	6,129	4,505
3	14,432	43,297	5,474	9,116	9,116	6,701
4	11,914	47,654	4,357	7,258	50,000	36,754
5	10,267	51,334	3,680	6,129	12,996	9,553
6	9,092	54,550	3,216	5,357	7,258	5,335
7	8,204	57,426	2,876	4,791	5,357	3,938
8	7,505	60,040	2,614	4,353	4,791	3,521
Jumlah			60,040	100,000	100,000	73,508