

Tabel 4.1 Debit Bulanan

SPAS/ DAS Way Semangka
Satuan :

DPS : 243
DAS : 504
Tahun : 1990 - 2001

TAHUN					
	JAN	FEB	MAR	APR	MEI
1990	12.10	16.90	17.70	13.80	13.10
1991	19.60	15.20	14.60	16.50	19.70
1992	16.10	20.50	21.40	17.20	19.90
1993	9.05	8.90	7.25	7.25	6.50
1994	18.10	17.80	14.50	14.50	13.00
1995	16.00	17.15	14.35	14.75	12.90
1996	13.90	16.50	14.20	15.00	12.80
1997	12.43	11.62	11.02	16.84	13.50
1998	38.90	38.70	50.10	33.60	38.90
1999	35.90	25.40	16.30	9.59	4.94
2000	9.76	9.38	7.32	14.00	13.40
2001	25.10	35.20	23.40	18.40	12.30
RERATA	18.91	19.44	17.68	15.95	15.08

Tabel 4.2 Probabilitas Way Semangka

DPS : 243 Km2
DAS : 504 Km2

No	Nama Bulan	Debit (m3/dt)	Debit Andalan (m3/dt)	Probabilitas (%)
1	Jan	50.100	103.911	0.69
2		39.300	81.511	1.39
3		38.900	80.681	2.08
4		38.900	80.681	2.78
5		38.700	80.267	3.47
6		37.900	78.607	4.17
7		35.900	74.459	4.86
8		35.200	73.007	5.56
9		33.900	70.311	6.25
10		33.600	69.689	6.94
11		28.200	58.489	7.64
12		27.000	56.000	8.33
13	Feb	26.400	54.756	9.03
14		25.400	52.681	9.72
15		25.100	52.059	10.42
16		23.400	48.533	11.11
17		22.000	45.630	11.81
18		21.800	45.215	12.50
19		21.700	45.007	13.19
20		21.400	44.385	13.89

21		20.500	42.519	14.58
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22		20.500	42.519	15.28
23		20.5	42.519	15.97
24		19.900	41.274	16.67
25	Maret	19.700	40.859	17.36
26		19.600	40.652	18.06
27		18.400	38.163	18.75
28		18.100	37.541	19.44
29		18.100	37.541	20.14
30		17.800	36.919	20.83
31		17.700	36.711	21.53
32		17.600	36.504	22.22
33		17.200	35.674	22.92
34		17.200	35.674	23.61
35		17.150	35.570	24.31
36		17.000	35.259	25.00
37	April	16.900	35.052	25.69
38		16.844	34.937	26.39
39		16.500	34.222	27.08
40		16.500	34.222	27.78
41		16.500	34.222	28.47
42		16.300	33.807	29.17
43		16.100	33.393	29.86
44		16.000	33.185	30.56
45		15.200	31.526	31.25
46		15.000	31.111	31.94
47		14.900	30.904	32.64
48		14.900	30.904	33.33
49	Mei	14.750	30.593	34.03
50		14.600	30.281	34.72
51		14.500	30.074	35.42
52		14.500	30.074	36.11
53		14.350	29.763	36.81
54		14.200	29.452	37.50
55		14.000	29.037	38.19
56		13.900	28.830	38.89
57		13.800	28.622	39.58
58		13.800	28.622	40.28
59		13.500	28.000	40.97
60		13.500	28.000	41.67
61	Juni	13.400	27.793	42.36
62		13.400	27.793	43.06
63		13.400	27.793	43.75
64		13.100	27.170	44.44
65		13.100	27.170	45.14
66		13.100	27.170	45.83
67		13.000	26.963	46.53
68		13.000	26.963	47.22
69		12.900	26.756	47.92
70		12.800	26.548	48.61

71		12.600	26.133	49.31
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72		12.435	25.790	50.00
73	Juli	12.400	25.719	50.69
74		12.300	25.511	51.39
75		12.100	25.096	52.08
76		12.100	25.096	52.78
77		12.000	24.889	53.47
78		11.900	24.681	54.17
79		11.800	24.474	54.86
80		11.617	24.094	55.56
81		11.610	24.080	56.25
82		11.600	24.059	56.94
83		11.500	23.852	57.64
84		11.500	23.852	58.33
85	Agust	11.500	23.852	59.03
86		11.300	23.437	59.72
87		11.250	23.333	60.42
88		11.200	23.230	61.11
89		11.100	23.022	61.81
90		11.023	22.863	62.50
91		11.000	22.815	63.19
92		11.000	22.815	63.89
93		10.800	22.400	64.58
94		10.600	21.985	65.28
95		10.600	21.985	65.97
96		10.535	21.850	66.67
97	Sep	10.360	21.487	67.36
98		10.200	21.156	68.06
99		10.100	20.948	68.75
100		9.820	20.367	69.44
101		9.800	20.326	70.14
102		9.760	20.243	70.83
103		9.605	19.921	71.53
104		9.590	19.890	72.22
105		9.420	19.538	72.92
106		9.380	19.455	73.61
107		9.325	19.341	74.31
108		9.230	19.144	75.00
109	Okt	9.080	18.833	75.69
110		9.050	18.770	76.39
111		8.900	18.459	77.08
112		8.550	17.733	77.78
113		8.120	16.841	78.47
114		8.120	16.841	79.17
115		7.320	15.182	79.86
116		7.270	15.079	80.56
117		7.250	15.037	81.25
118		7.250	15.037	81.94
119		7.100	14.726	82.64
120		7.050	14.622	83.33

121	Nop	6.940	14.394	84.03
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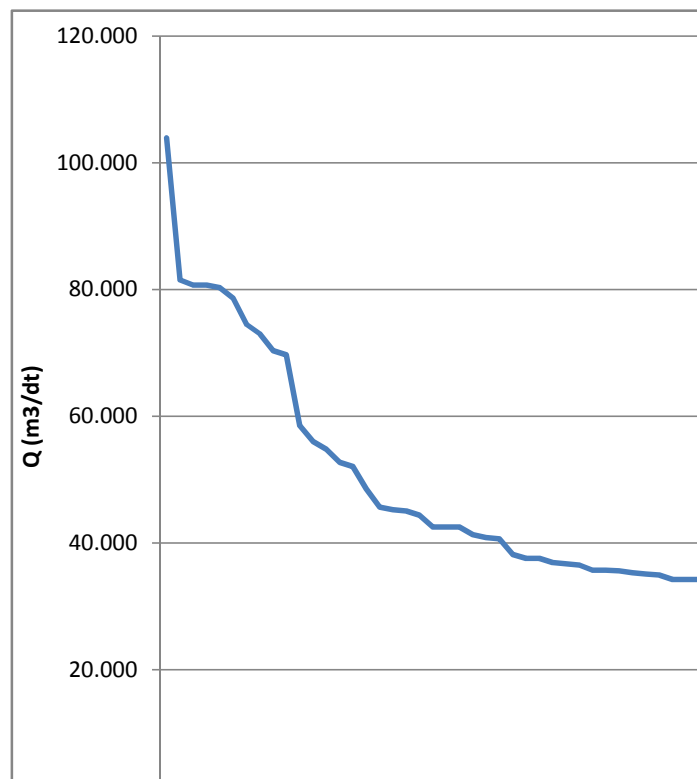
122		6.850	14.207	84.72
123		6.500	13.481	85.42
124		6.350	13.170	86.11
125		6.170	12.797	86.81
126		6.110	12.673	87.50
127		6.040	12.527	88.19
128		5.890	12.216	88.89
129		5.470	11.345	89.58
130		5.470	11.345	90.28
131		5.360	11.117	90.97
132		5.050	10.474	91.67
133	Des	4.940	10.246	92.36
134		4.910	10.184	93.06
135		4.890	10.142	93.75
136		4.150	8.607	94.44
137		4.060	8.421	95.14
138		3.635	7.539	95.83
139		3.470	7.197	96.53
140		3.425	7.104	97.22
141		3.120	6.471	97.92
142		3.055	6.336	98.61
143		2.660	5.517	99.31
144		2.400	4.978	100.00

Km2

Km2

J1

RATA - RATA						
JUN	JUL	AGUST	SEP	OKT	NOP	DES
12.10	10.20	7.05	5.36	4.89	6.35	11.20
8.55	7.10	5.89	5.47	5.47	13.50	20.50
13.00	10.60	11.50	16.50	28.20	21.70	17.00
5.05	4.06	3.47	3.43	3.06	3.64	4.91
10.10	8.12	6.94	6.85	6.11	7.27	9.82
11.25	10.36	9.42	9.33	9.61	10.54	11.61
12.40	12.60	11.90	11.80	13.10	13.80	13.40
11.50	10.60	11.10	12.00	13.10	11.30	11.60
37.90	39.30	33.90	20.50	9.08	9.80	11.00
2.66	2.40	3.12	4.15	6.17	6.04	8.12
9.23	11.00	11.50	10.80	17.60	17.20	22.00
13.40	18.10	14.90	14.90	21.80	26.40	27.00
12.26	12.04	10.89	10.09	11.52	12.29	14.01





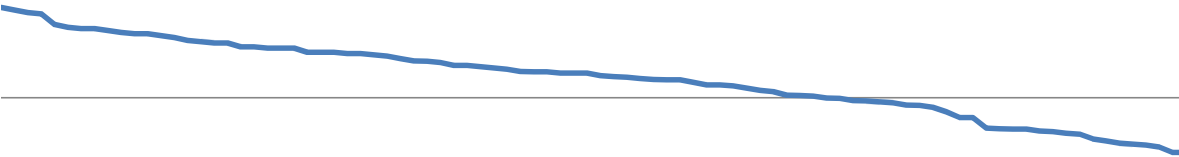
1	8	15	22	2
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Tabel 4.3 Potensi Teoritis Way Semangka

NO.	Prob.	Debit Andalan (m3/dt)
1	25%	35.259
2	50%	25.790
3	85%	13.481
4	100%	4.978

MAX	Rata - Rata Setahun
17.70	10.90
20.50	12.67
28.20	17.80
9.05	5.55
18.10	11.09
17.15	12.27
16.50	13.45
16.84	12.22
50.10	30.14
35.90	10.40
22.00	12.77
35.20	20.91
23.94	14.18

**FLOW DURATION CURVE
WAY SEMANGKA**

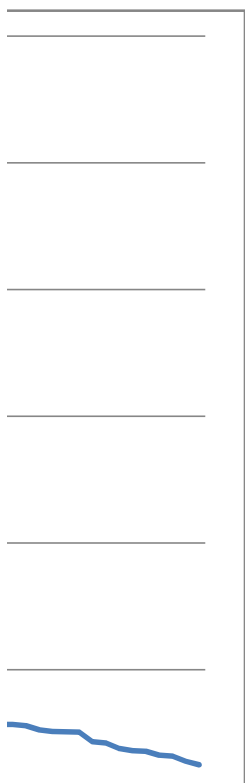




8 35 42 49 56 63 70 77 84

Probabilitas

BEDA TINGGI	POTENSI			
	KW	KVA	MW	Produksi (GWH)
125	36,929.67	46,162.08	36.93	204.52
125	27,012.13	33,765.16	27.01	149.59
125	14,120.17	17,650.21	14.12	78.20
125	5,213.60	6,517.00	5.21	28.87





91

98

