

Tahun	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	
1994	116,15	68,24		90,75	48,83	33,59	27,39	28,06	21,45	19,23	19,00
1995	67,09	67,23		122,03	55,50	34,30	51,24	21,51	14,04	17,00	19,13
1996	105,62	86,16		106,60	53,93	33,94	28,10	25,39	27,44	27,73	38,48
1997	121,08	83,15		59,23	67,76	25,32	14,18	13,11	11,85	8,72	6,90
1999	305,45	358,10		381,30	338,82	190,86	176,59	213,74	138,58	124,47	185,93
2000	491,09	250,64		270,52	408,10	445,65	258,34	207,17	175,95	277,83	367,06
2001	467,19	263,83		333,74	319,74	351,96	284,06	253,11	273,46	318,50	391,49
2002	512,11	395,84		395,13	271,88	238,10	242,66	237,72	199,60	164,95	163,55
2003	281,11	546,81		321,01	342,78	270,44	207,29	172,68	156,44	160,47	262,81
average	274,10	235,56		231,15	211,93	180,46	143,32	130,28	113,20	124,32	161,59

DURASI (BULANAN)

	5	10	20	30	40	50	60	70	80	90	100
357,56	472,69	956,24		1490,30	2060,85	2856,22	5247,48	8399,83	11587,46	15121,31	17847,40
115,13	483,55	1066,74		3757,18	10937,38	14991,18					
306,96	533,39	3186,63		9873,83							
176,59	515,97	6339,98									
119,71	372,81	5866,61									
386,25	1794,78										
147,14	2839,73										
383,75	3294,20										
132,22	2821,54										
372,81	2767,12										
1445,67											
968,15											
1755,89											
1364,94											
1738,62											
1542,61											
1751,59											
1813,06											
1008,48											
1617,49											
1149,63											
115,13	372,81	956,24		1490,30	2060,85	2856,22	5247,48	8399,83	11587,46	15121,31	17847,40

Dincer's Method

(data tahunan)

rerata =	548,17 m3/det	17.287,01 (x 10 ⁶ m ³)	
stdev =	79,62 m3/det	2.510,90 (x 10 ⁶ m ³)	
Cv =	0,1452		-0,1677
draft =	32,68 (x 10 ⁶ m ³)		
D =	0,0019		

$Z_p = 0,9160$ dari tabel distribusi normal untuk one-tail dengan $p=5\%$ (probabilitas kegagalan 5%)

Storage Capacity : $C = 76,65 (x 10^6 m^3)$

the length of critical drawdown period 0,004

faktor koreksi (penyesuaian) utk korelasi serial tahunan 0,797 adalah
1,5 jika distribusi data tdk normal

C koreksi $C = 114,97 (x 10^6 m^3)$

$C = 115,00 (x 10^6 m^3)$

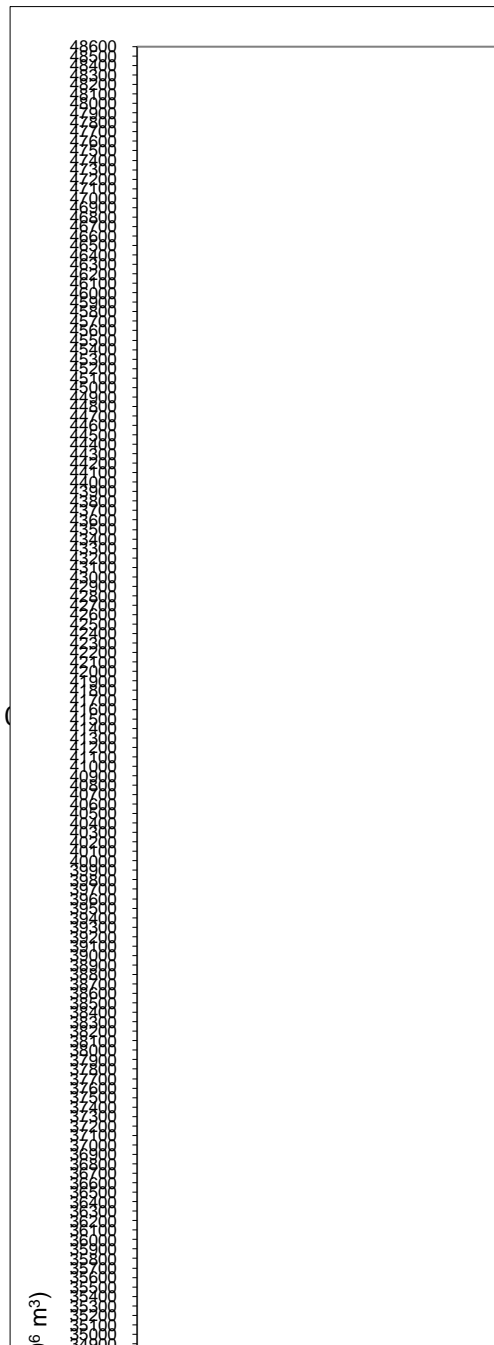
Nov	Dec	total	z		
22,40	28,21	523,30	-24,87	-0,31232705	653,68
45,71	37,87	552,65	4,48	0,056298623	
91,64	28,65	653,68	105,51	1,325199872	
12,06	39,68	463,04	548,17	-85,13	-1,069171445
305,43	335,54	3054,81	79,62		
373,21	267,33	3792,89			
374,81	393,33	4025,22			
200,23	268,33	3290,10			
311,76	363,01	3396,61			
193,03	195,77	2194,70		182,89	
average		2194,70			
stdev		1496,39			

lowest	total flow
durasi (bulan)	(x 10 ⁶ m ³)
0	0
5	298,4170
10	966,3235
20	2478,5741
30	3862,8576
40	5341,7232
50	7403,3222
60	13601,4682
70	21772,3594
80	30034,6963
90	39194,4355
100	46260,4608

Draft = 355,5414 (x 10⁶ m³)
C = 8879,9328

draft lama 134,02
draft baru 32,6771 (x 10⁶ m³)

474,0552 juta m3

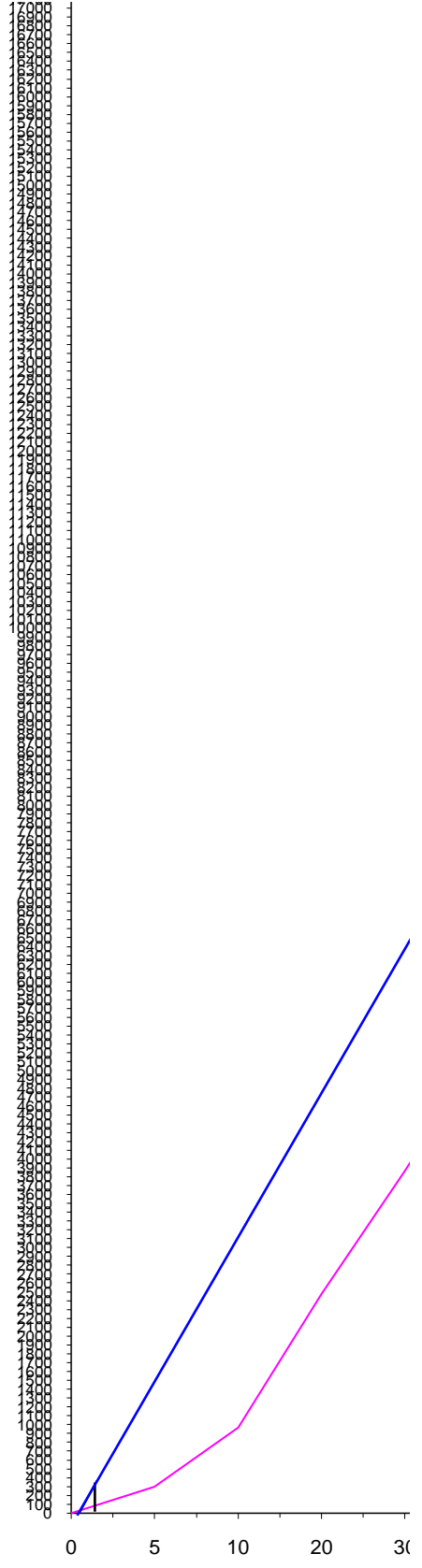


$$z = \frac{(x - \bar{x})}{s}$$

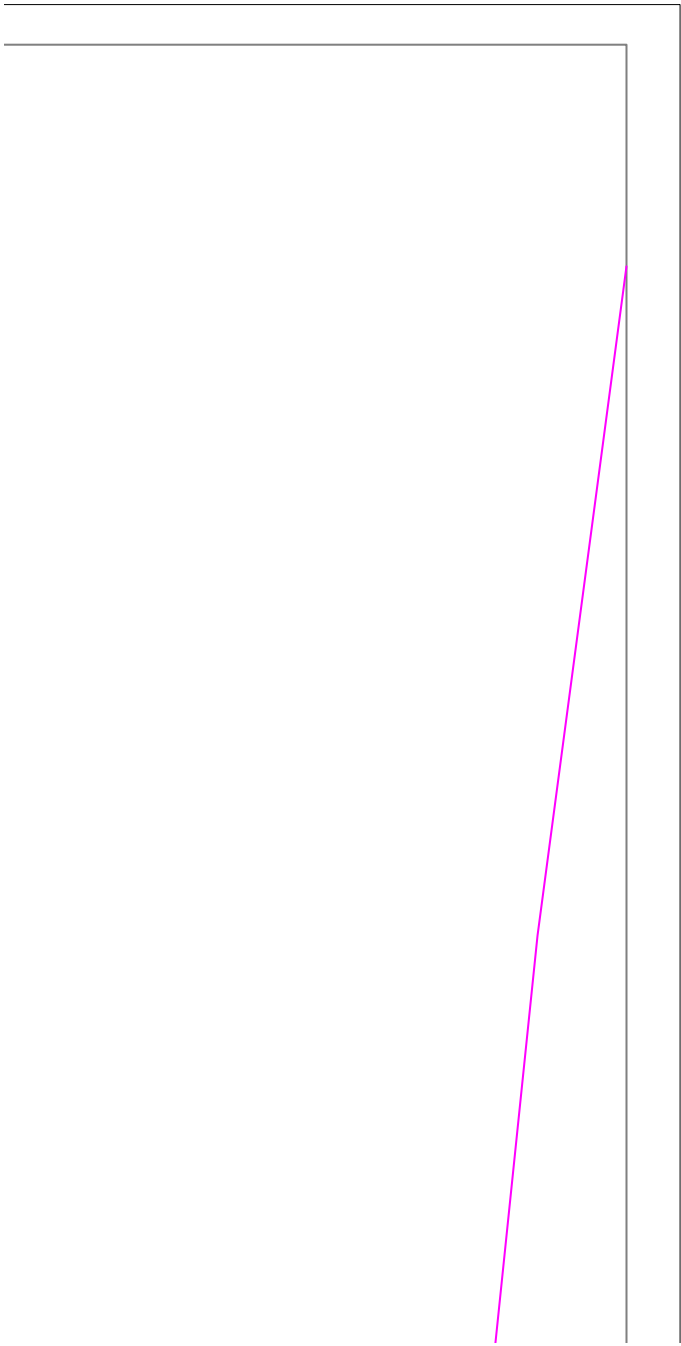
1,33 1,325

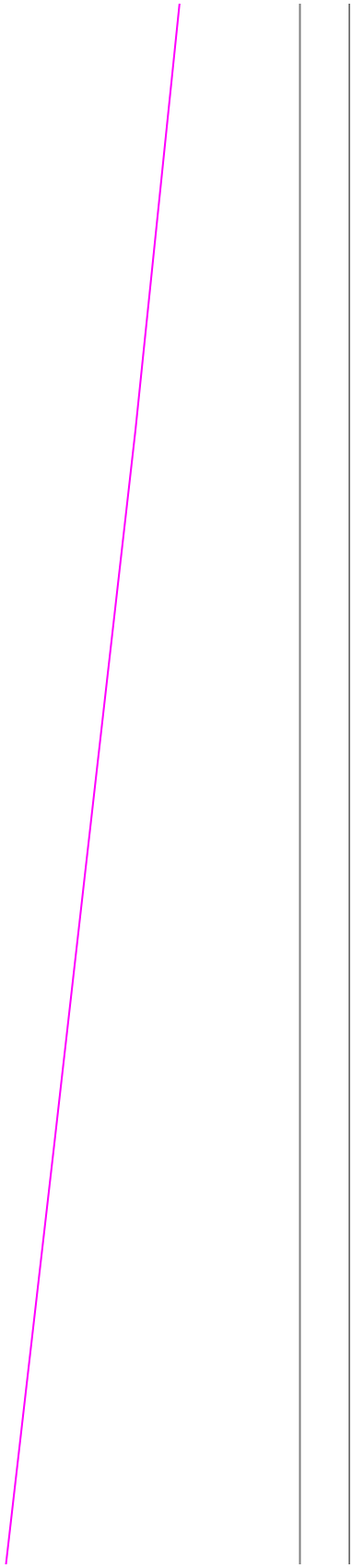
Total Flow (x10⁶)

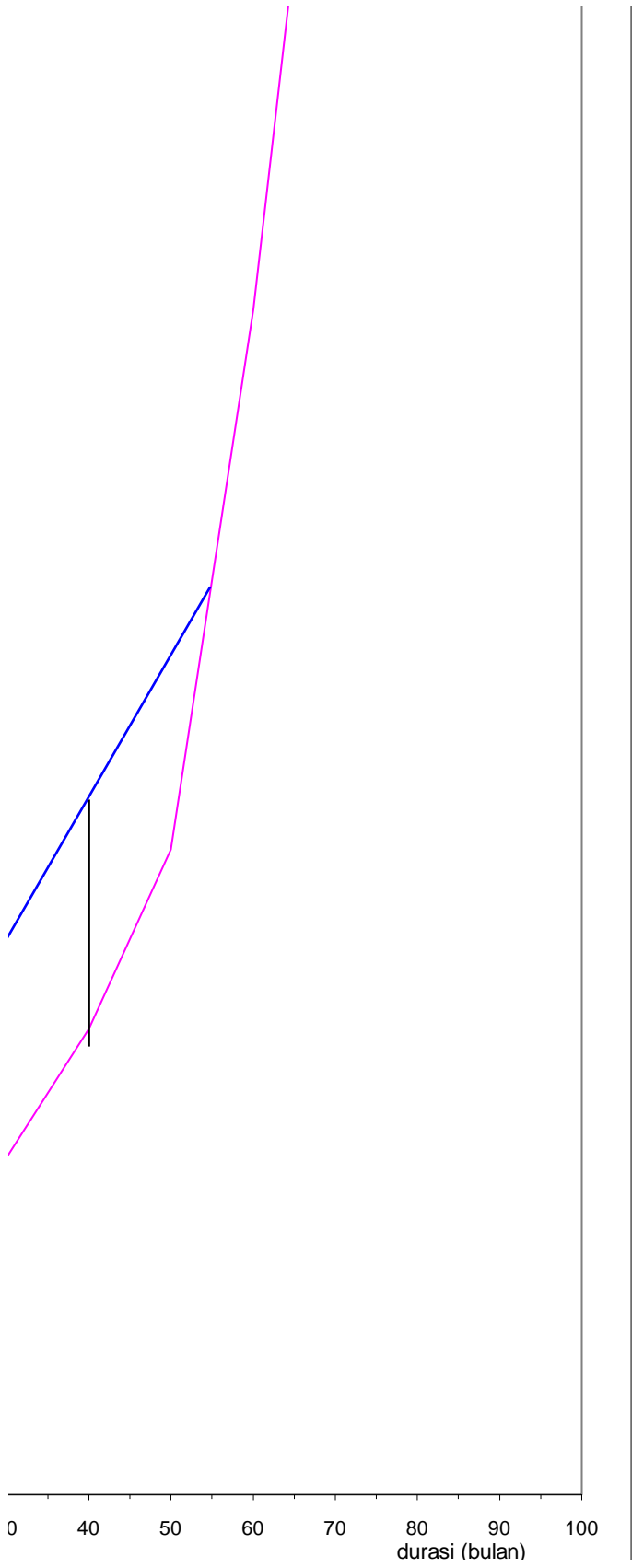
740	1.74
750	1.75
760	1.76
770	1.77
780	1.78
790	1.79
800	1.80
810	1.81
820	1.82
830	1.83
840	1.84
850	1.85
860	1.86
870	1.87
880	1.88
890	1.89
900	1.90
910	1.91
920	1.92
930	1.93
940	1.94
950	1.95
960	1.96
970	1.97
980	1.98
990	1.99
1000	2.00
1010	2.01
1020	2.02
1030	2.03
1040	2.04
1050	2.05
1060	2.06
1070	2.07
1080	2.08
1090	2.09
1100	2.10
1110	2.11
1120	2.12
1130	2.13
1140	2.14
1150	2.15
1160	2.16
1170	2.17
1180	2.18
1190	2.19
1200	2.20
1210	2.21
1220	2.22
1230	2.23
1240	2.24
1250	2.25
1260	2.26
1270	2.27
1280	2.28
1290	2.29
1300	2.30
1310	2.31
1320	2.32
1330	2.33
1340	2.34
1350	2.35
1360	2.36
1370	2.37
1380	2.38
1390	2.39
1400	2.40
1410	2.41
1420	2.42
1430	2.43
1440	2.44
1450	2.45
1460	2.46
1470	2.47
1480	2.48
1490	2.49
1500	2.50
1510	2.51
1520	2.52
1530	2.53
1540	2.54
1550	2.55
1560	2.56
1570	2.57
1580	2.58
1590	2.59
1600	2.60
1610	2.61
1620	2.62
1630	2.63
1640	2.64
1650	2.65
1660	2.66
1670	2.67
1680	2.68
1690	2.69
1700	2.70
1710	2.71
1720	2.72
1730	2.73
1740	2.74
1750	2.75
1760	2.76
1770	2.77
1780	2.78
1790	2.79
1800	2.80
1810	2.81
1820	2.82
1830	2.83
1840	2.84
1850	2.85
1860	2.86
1870	2.87
1880	2.88
1890	2.89
1900	2.90
1910	2.91
1920	2.92
1930	2.93
1940	2.94
1950	2.95
1960	2.96
1970	2.97
1980	2.98
1990	2.99
2000	3.00



|_____







SECRET (S)

