

**APPENDIX - VI : TABLE FOR COMPUTATION OF STORAGE
VOLUME OF POND/ TANK**

Channel Width, B = 1 m								
Bank Slope (n : 1)	Maximum Depth of Water, D (m)	Storage Volume, V (cum)						
		Bed Slope of Stream (S : 1)						
		S = 20	S = 25	S = 30	S = 50	S = 100	S = 150	S = 200
n = 4	1	50	63	75	125	250	375	500
	2	360	450	540	900	1800	2700	3600
	3	1170	1463	1755	2925	5850	8775	11700
	4	2720	3400	4080	6800	13600	20400	27200
	5	5250	6563	7875	13125	26250	39375	52500
	6	9000	11250	13500	22500	45000	67500	90000
	7	14210	17763	21315	35525	71050	106575	142100
	8	21120	26400	31680	52800	105600	158400	211200
n = 5	1	60	75	90	150	300	450	600
	2	440	550	660	1100	2200	3300	4400
	3	1440	1800	2160	3600	7200	10800	14400
	4	3360	4200	5040	8400	16800	25200	33600
	5	6500	8125	9750	16250	32500	48750	65000
	6	11160	13950	16740	27900	55800	83700	111600
	7	17640	22050	26460	44100	88200	132300	176400
	8	26240	32800	39360	65600	131200	196800	262400
n = 6	1	70	88	105	175	350	525	700
	2	520	650	780	1300	2600	3900	5200
	3	1710	2138	2565	4275	8550	12825	17100
	4	4000	5000	6000	10000	20000	30000	40000
	5	7750	9688	11625	19375	38750	58125	77500
	6	13320	16650	19980	33300	66600	99900	133200
	7	21070	26338	31605	52675	105350	158025	210700
	8	31360	39200	47040	78400	156800	235200	313600
n = 7	1	80	100	120	200	400	600	800
	2	600	750	900	1500	3000	4500	6000
	3	1980	2475	2970	4950	9900	14850	19800
	4	4640	5800	6960	11600	23200	34800	46400
	5	9000	11250	13500	22500	45000	67500	90000
	6	15480	19350	23220	38700	77400	116100	154800
	7	24500	30625	36750	61250	122500	183750	245000
	8	36480	45600	54720	91200	182400	273600	364800

Channel Width, B = 1 m								
Bank Slope (n : 1)	Maximum Depth of Water, D (m)	Storage Volume, V (cum)						
		Bed Slope of Stream (S : 1)						
		S = 20	S = 25	S = 30	S = 50	S = 100	S = 150	S = 200
n = 10	1	110	138	165	275	550	825	1100
	2	840	1050	1260	2100	4200	6300	8400
	3	2790	3488	4185	6975	13950	20925	27900
	4	6560	8200	9840	16400	32800	49200	65600
	5	12750	15938	19125	31875	63750	95625	127500
	6	21960	27450	32940	54900	109800	164700	219600
	7	34790	43488	52185	86975	173950	260925	347900
	8	51840	64800	77760	129600	259200	388800	518400
n = 15	1	160	200	240	400	800	1200	1600
	2	1240	1550	1860	3100	6200	9300	12400
	3	4140	5175	6210	10350	20700	31050	41400
	4	9760	12200	14640	24400	48800	73200	97600
	5	19000	23750	28500	47500	95000	142500	190000
	6	32760	40950	49140	81900	163800	245700	327600
	7	51940	64925	77910	129850	259700	389550	519400
	8	77440	96800	116160	193600	387200	580800	774400
n = 20	1	210	263	315	525	1050	1575	2100
	2	1640	2050	2460	4100	8200	12300	16400
	3	5490	6863	8235	13725	27450	41175	54900
	4	12960	16200	19440	32400	64800	97200	129600
	5	25250	31563	37875	63125	126250	189375	252500
	6	43560	54450	65340	108900	217800	326700	435600
	7	69090	86363	103635	172725	345450	518175	690900
	8	103040	128800	154560	257600	515200	772800	1030400
n = 25	1	260	325	390	650	1300	1950	2600
	2	2040	2550	3060	5100	10200	15300	20400
	3	6840	8550	10260	17100	34200	51300	68400
	4	16160	20200	24240	40400	80800	121200	161600
	5	31500	39375	47250	78750	157500	236250	315000
	6	54360	67950	81540	135900	271800	407700	543600
	7	86240	107800	129360	215600	431200	646800	862400
	8	128640	160800	192960	321600	643200	964800	1286400
n = 30	1	310	388	465	775	1550	2325	3100
	2	2440	3050	3660	6100	12200	18300	24400
	3	8190	10238	12285	20475	40950	61425	81900
	4	19360	24200	29040	48400	96800	145200	193600
	5	37750	47188	56625	94375	188750	283125	377500
	6	65160	81450	97740	162900	325800	488700	651600
	7	103390	129238	155085	258475	516950	775425	1033900
	8	154240	192800	231360	385600	771200	1156800	1542400

Channel Width, B = 2 m								
Bank Slope (n : 1)	Maximum Depth of Water, D (m)	Storage Volume, V (cum)						
		Bed Slope of Stream (S : 1)						
		S = 20	S = 25	S = 30	S = 50	S = 100	S = 150	S = 200
n = 4	1	60	75	90	150	300	450	600
	2	400	500	600	1000	2000	3000	4000
	3	1260	1575	1890	3150	6300	9450	12600
	4	2880	3600	4320	7200	14400	21600	28800
	5	5500	6875	8250	13750	27500	41250	55000
	6	9360	11700	14040	23400	46800	70200	93600
	7	14700	18375	22050	36750	73500	110250	147000
	8	21760	27200	32640	54400	108800	163200	217600
n = 5	1	70	88	105	175	350	525	700
	2	480	600	720	1200	2400	3600	4800
	3	1530	1913	2295	3825	7650	11475	15300
	4	3520	4400	5280	8800	17600	26400	35200
	5	6750	8438	10125	16875	33750	50625	67500
	6	11520	14400	17280	28800	57600	86400	115200
	7	18130	22663	27195	45325	90650	135975	181300
	8	26880	33600	40320	67200	134400	201600	268800
n = 6	1	80	100	120	200	400	600	800
	2	560	700	840	1400	2800	4200	5600
	3	1800	2250	2700	4500	9000	13500	18000
	4	4160	5200	6240	10400	20800	31200	41600
	5	8000	10000	12000	20000	40000	60000	80000
	6	13680	17100	20520	34200	68400	102600	136800
	7	21560	26950	32340	53900	107800	161700	215600
	8	32000	40000	48000	80000	160000	240000	320000
n = 7	1	90	113	135	225	450	675	900
	2	640	800	960	1600	3200	4800	6400
	3	2070	2588	3105	5175	10350	15525	20700
	4	4800	6000	7200	12000	24000	36000	48000
	5	9250	11563	13875	23125	46250	69375	92500
	6	15840	19800	23760	39600	79200	118800	158400
	7	24990	31238	37485	62475	124950	187425	249900
	8	37120	46400	55680	92800	185600	278400	371200
n = 10	1	120	150	180	300	600	900	1200
	2	880	1100	1320	2200	4400	6600	8800
	3	2880	3600	4320	7200	14400	21600	28800
	4	6720	8400	10080	16800	33600	50400	67200
	5	13000	16250	19500	32500	65000	97500	130000
	6	22320	27900	33480	55800	111600	167400	223200
	7	35280	44100	52920	88200	176400	264600	352800
	8	52480	65600	78720	131200	262400	393600	524800

Channel Width, B = 2 m								
Bank Slope (n : 1)	Maximum Depth of Water, D (m)	Storage Volume, V (cum)						
		Bed Slope of Stream (S : 1)						
		S = 20	S = 25	S = 30	S = 50	S = 100	S = 150	S = 200
n = 15	1	170	213	255	425	850	1275	1700
	2	1280	1600	1920	3200	6400	9600	12800
	3	4230	5288	6345	10575	21150	31725	42300
	4	9920	12400	14880	24800	49600	74400	99200
	5	19250	24063	28875	48125	96250	144375	192500
	6	33120	41400	49680	82800	165600	248400	331200
	7	52430	65538	78645	131075	262150	393225	524300
	8	78080	97600	117120	195200	390400	585600	780800
n = 20	1	220	275	330	550	1100	1650	2200
	2	1680	2100	2520	4200	8400	12600	16800
	3	5580	6975	8370	13950	27900	41850	55800
	4	13120	16400	19680	32800	65600	98400	131200
	5	25500	31875	38250	63750	127500	191250	255000
	6	43920	54900	65880	109800	219600	329400	439200
	7	69580	86975	104370	173950	347900	521850	695800
	8	103680	129600	155520	259200	518400	777600	1036800
n = 25	1	270	338	405	675	1350	2025	2700
	2	2080	2600	3120	5200	10400	15600	20800
	3	6930	8663	10395	17325	34650	51975	69300
	4	16320	20400	24480	40800	81600	122400	163200
	5	31750	39688	47625	79375	158750	238125	317500
	6	54720	68400	82080	136800	273600	410400	547200
	7	86730	108413	130095	216825	433650	650475	867300
	8	129280	161600	193920	323200	646400	969600	1292800
n = 30	1	320	400	480	800	1600	2400	3200
	2	2480	3100	3720	6200	12400	18600	24800
	3	8280	10350	12420	20700	41400	62100	82800
	4	19520	24400	29280	48800	97600	146400	195200
	5	38000	47500	57000	95000	190000	285000	380000
	6	65520	81900	98280	163800	327600	491400	655200
	7	103880	129850	155820	259700	519400	779100	1038800
	8	154880	193600	232320	387200	774400	1161600	1548800

Channel Width, B = 3 m								
Bank Slope (n : 1)	Maximum Depth of Water, D (m)	Storage Volume, V (cum)						
		Bed Slope of Stream (S : 1)						
		S = 20	S = 25	S = 30	S = 50	S = 100	S = 150	S = 200
n = 4	1	70	88	105	175	350	525	700
	2	440	550	660	1100	2200	3300	4400
	3	1350	1688	2025	3375	6750	10125	13500
	4	3040	3800	4560	7600	15200	22800	30400
	5	5750	7188	8625	14375	28750	43125	57500
	6	9720	12150	14580	24300	48600	72900	97200
	7	15190	18988	22785	37975	75950	113925	151900
	8	22400	28000	33600	56000	112000	168000	224000
n = 5	1	80	100	120	200	400	600	800
	2	520	650	780	1300	2600	3900	5200
	3	1620	2025	2430	4050	8100	12150	16200
	4	3680	4600	5520	9200	18400	27600	36800
	5	7000	8750	10500	17500	35000	52500	70000
	6	11880	14850	17820	29700	59400	89100	118800
	7	18620	23275	27930	46550	93100	139650	186200
	8	27520	34400	41280	68800	137600	206400	275200
n = 6	1	90	113	135	225	450	675	900
	2	600	750	900	1500	3000	4500	6000
	3	1890	2363	2835	4725	9450	14175	18900
	4	4320	5400	6480	10800	21600	32400	43200
	5	8250	10313	12375	20625	41250	61875	82500
	6	14040	17550	21060	35100	70200	105300	140400
	7	22050	27563	33075	55125	110250	165375	220500
	8	32640	40800	48960	81600	163200	244800	326400
n = 7	1	100	125	150	250	500	750	1000
	2	680	850	1020	1700	3400	5100	6800
	3	2160	2700	3240	5400	10800	16200	21600
	4	4960	6200	7440	12400	24800	37200	49600
	5	9500	11875	14250	23750	47500	71250	95000
	6	16200	20250	24300	40500	81000	121500	162000
	7	25480	31850	38220	63700	127400	191100	254800
	8	37760	47200	56640	94400	188800	283200	377600
n = 10	1	130	163	195	325	650	975	1300
	2	920	1150	1380	2300	4600	6900	9200
	3	2970	3713	4455	7425	14850	22275	29700
	4	6880	8600	10320	17200	34400	51600	68800
	5	13250	16563	19875	33125	66250	99375	132500
	6	22680	28350	34020	56700	113400	170100	226800
	7	35770	44713	53655	89425	178850	268275	357700
	8	53120	66400	79680	132800	265600	398400	531200

Channel Width, B = 3 m								
Bank Slope (n : 1)	Maximum Depth of Water, D (m)	Storage Volume, V (cum)						
		Bed Slope of Stream (S : 1)						
		S = 20	S = 25	S = 30	S = 50	S = 100	S = 150	S = 200
n = 15	1	180	225	270	450	900	1350	1800
	2	1320	1650	1980	3300	6600	9900	13200
	3	4320	5400	6480	10800	21600	32400	43200
	4	10080	12600	15120	25200	50400	75600	100800
	5	19500	24375	29250	48750	97500	146250	195000
	6	33480	41850	50220	83700	167400	251100	334800
	7	52920	66150	79380	132300	264600	396900	529200
	8	78720	98400	118080	196800	393600	590400	787200
n = 20	1	230	288	345	575	1150	1725	2300
	2	1720	2150	2580	4300	8600	12900	17200
	3	5670	7088	8505	14175	28350	42525	56700
	4	13280	16600	19920	33200	66400	99600	132800
	5	25750	32188	38625	64375	128750	193125	257500
	6	44280	55350	66420	110700	221400	332100	442800
	7	70070	87588	105105	175175	350350	525525	700700
	8	104320	130400	156480	260800	521600	782400	1043200
n = 25	1	280	350	420	700	1400	2100	2800
	2	2120	2650	3180	5300	10600	15900	21200
	3	7020	8775	10530	17550	35100	52650	70200
	4	16480	20600	24720	41200	82400	123600	164800
	5	32000	40000	48000	80000	160000	240000	320000
	6	55080	68850	82620	137700	275400	413100	550800
	7	87220	109025	130830	218050	436100	654150	872200
	8	129920	162400	194880	324800	649600	974400	1299200
n = 30	1	330	413	495	825	1650	2475	3300
	2	2520	3150	3780	6300	12600	18900	25200
	3	8370	10463	12555	20925	41850	62775	83700
	4	19680	24600	29520	49200	98400	147600	196800
	5	38250	47813	57375	95625	191250	286875	382500
	6	65880	82350	98820	164700	329400	494100	658800
	7	104370	130463	156555	260925	521850	782775	1043700
	8	155520	194400	233280	388800	777600	1166400	1555200

Channel Width, B = 4 m								
Bank Slope (n : 1)	Maximum Depth of Water, D (m)	Storage Volume, V (cum)						
		Bed Slope of Stream (S : 1)						
		S = 20	S = 25	S = 30	S = 50	S = 100	S = 150	S = 200
n = 4	1	80	100	120	200	400	600	800
	2	480	600	720	1200	2400	3600	4800
	3	1440	1800	2160	3600	7200	10800	14400
	4	3200	4000	4800	8000	16000	24000	32000
	5	6000	7500	9000	15000	30000	45000	60000
	6	10080	12600	15120	25200	50400	75600	100800
	7	15680	19600	23520	39200	78400	117600	156800
	8	23040	28800	34560	57600	115200	172800	230400
n = 5	1	90	113	135	225	450	675	900
	2	560	700	840	1400	2800	4200	5600
	3	1710	2138	2565	4275	8550	12825	17100
	4	3840	4800	5760	9600	19200	28800	38400
	5	7250	9063	10875	18125	36250	54375	72500
	6	12240	15300	18360	30600	61200	91800	122400
	7	19110	23888	28665	47775	95550	143325	191100
	8	28160	35200	42240	70400	140800	211200	281600
n = 6	1	100	125	150	250	500	750	1000
	2	640	800	960	1600	3200	4800	6400
	3	1980	2475	2970	4950	9900	14850	19800
	4	4480	5600	6720	11200	22400	33600	44800
	5	8500	10625	12750	21250	42500	63750	85000
	6	14400	18000	21600	36000	72000	108000	144000
	7	22540	28175	33810	56350	112700	169050	225400
	8	33280	41600	49920	83200	166400	249600	332800
n = 7	1	110	138	165	275	550	825	1100
	2	720	900	1080	1800	3600	5400	7200
	3	2250	2813	3375	5625	11250	16875	22500
	4	5120	6400	7680	12800	25600	38400	51200
	5	9750	12188	14625	24375	48750	73125	97500
	6	16560	20700	24840	41400	82800	124200	165600
	7	25970	32463	38955	64925	129850	194775	259700
	8	38400	48000	57600	96000	192000	288000	384000
n = 10	1	140	175	210	350	700	1050	1400
	2	960	1200	1440	2400	4800	7200	9600
	3	3060	3825	4590	7650	15300	22950	30600
	4	7040	8800	10560	17600	35200	52800	70400
	5	13500	16875	20250	33750	67500	101250	135000
	6	23040	28800	34560	57600	115200	172800	230400
	7	36260	45325	54390	90650	181300	271950	362600
	8	53760	67200	80640	134400	268800	403200	537600

Channel Width, B = 4 m								
Bank Slope (n : 1)	Maximum Depth of Water, D (m)	Storage Volume, V (cum)						
		Bed Slope of Stream (S : 1)						
		S = 20	S = 25	S = 30	S = 50	S = 100	S = 150	S = 200
n = 15	1	190	238	285	475	950	1425	1900
	2	1360	1700	2040	3400	6800	10200	13600
	3	4410	5513	6615	11025	22050	33075	44100
	4	10240	12800	15360	25600	51200	76800	102400
	5	19750	24688	29625	49375	98750	148125	197500
	6	33840	42300	50760	84600	169200	253800	338400
	7	53410	66763	80115	133525	267050	400575	534100
	8	79360	99200	119040	198400	396800	595200	793600
n = 20	1	240	300	360	600	1200	1800	2400
	2	1760	2200	2640	4400	8800	13200	17600
	3	5760	7200	8640	14400	28800	43200	57600
	4	13440	16800	20160	33600	67200	100800	134400
	5	26000	32500	39000	65000	130000	195000	260000
	6	44640	55800	66960	111600	223200	334800	446400
	7	70560	88200	105840	176400	352800	529200	705600
	8	104960	131200	157440	262400	524800	787200	1049600
n = 25	1	290	363	435	725	1450	2175	2900
	2	2160	2700	3240	5400	10800	16200	21600
	3	7110	8888	10665	17775	35550	53325	71100
	4	16640	20800	24960	41600	83200	124800	166400
	5	32250	40313	48375	80625	161250	241875	322500
	6	55440	69300	83160	138600	277200	415800	554400
	7	87710	109638	131565	219275	438550	657825	877100
	8	130560	163200	195840	326400	652800	979200	1305600
n = 30	1	340	425	510	850	1700	2550	3400
	2	2560	3200	3840	6400	12800	19200	25600
	3	8460	10575	12690	21150	42300	63450	84600
	4	19840	24800	29760	49600	99200	148800	198400
	5	38500	48125	57750	96250	192500	288750	385000
	6	66240	82800	99360	165600	331200	496800	662400
	7	104860	131075	157290	262150	524300	786450	1048600
	8	156160	195200	234240	390400	780800	1171200	1561600

Channel Width, B = 5 m								
Bank Slope (n : 1)	Maximum Depth of Water, D (m)	Storage Volume, V (cum)						
		Bed Slope of Stream (S : 1)						
		S = 20	S = 25	S = 30	S = 50	S = 100	S = 150	S = 200
n = 4	1	90	113	135	225	450	675	900
	2	520	650	780	1300	2600	3900	5200
	3	1530	1913	2295	3825	7650	11475	15300
	4	3360	4200	5040	8400	16800	25200	33600
	5	6250	7813	9375	15625	31250	46875	62500
	6	10440	13050	15660	26100	52200	78300	104400
	7	16170	20213	24255	40425	80850	121275	161700
	8	23680	29600	35520	59200	118400	177600	236800
n = 5	1	100	125	150	250	500	750	1000
	2	600	750	900	1500	3000	4500	6000
	3	1800	2250	2700	4500	9000	13500	18000
	4	4000	5000	6000	10000	20000	30000	40000
	5	7500	9375	11250	18750	37500	56250	75000
	6	12600	15750	18900	31500	63000	94500	126000
	7	19600	24500	29400	49000	98000	147000	196000
	8	28800	36000	43200	72000	144000	216000	288000
n = 6	1	110	138	165	275	550	825	1100
	2	680	850	1020	1700	3400	5100	6800
	3	2070	2588	3105	5175	10350	15525	20700
	4	4640	5800	6960	11600	23200	34800	46400
	5	8750	10938	13125	21875	43750	65625	87500
	6	14760	18450	22140	36900	73800	110700	147600
	7	23030	28788	34545	57575	115150	172725	230300
	8	33920	42400	50880	84800	169600	254400	339200
n = 7	1	120	150	180	300	600	900	1200
	2	760	950	1140	1900	3800	5700	7600
	3	2340	2925	3510	5850	11700	17550	23400
	4	5280	6600	7920	13200	26400	39600	52800
	5	10000	12500	15000	25000	50000	75000	100000
	6	16920	21150	25380	42300	84600	126900	169200
	7	26460	33075	39690	66150	132300	198450	264600
	8	39040	48800	58560	97600	195200	292800	390400
n = 10	1	150	188	225	375	750	1125	1500
	2	1000	1250	1500	2500	5000	7500	10000
	3	3150	3938	4725	7875	15750	23625	31500
	4	7200	9000	10800	18000	36000	54000	72000
	5	13750	17188	20625	34375	68750	103125	137500
	6	23400	29250	35100	58500	117000	175500	234000
	7	36750	45938	55125	91875	183750	275625	367500
	8	54400	68000	81600	136000	272000	408000	544000

Channel Width, B = 5 m								
Bank Slope (n : 1)	Maximum Depth of Water, D (m)	Storage Volume, V (cum)						
		Bed Slope of Stream (S : 1)						
		S = 20	S = 25	S = 30	S = 50	S = 100	S = 150	S = 200
n = 15	1	200	250	300	500	1000	1500	2000
	2	1400	1750	2100	3500	7000	10500	14000
	3	4500	5625	6750	11250	22500	33750	45000
	4	10400	13000	15600	26000	52000	78000	104000
	5	20000	25000	30000	50000	100000	150000	200000
	6	34200	42750	51300	85500	171000	256500	342000
	7	53900	67375	80850	134750	269500	404250	539000
	8	80000	100000	120000	200000	400000	600000	800000
n = 20	1	250	313	375	625	1250	1875	2500
	2	1800	2250	2700	4500	9000	13500	18000
	3	5850	7313	8775	14625	29250	43875	58500
	4	13600	17000	20400	34000	68000	102000	136000
	5	26250	32813	39375	65625	131250	196875	262500
	6	45000	56250	67500	112500	225000	337500	450000
	7	71050	88813	106575	177625	355250	532875	710500
	8	105600	132000	158400	264000	528000	792000	1056000
n = 25	1	300	375	450	750	1500	2250	3000
	2	2200	2750	3300	5500	11000	16500	22000
	3	7200	9000	10800	18000	36000	54000	72000
	4	16800	21000	25200	42000	84000	126000	168000
	5	32500	40625	48750	81250	162500	243750	325000
	6	55800	69750	83700	139500	279000	418500	558000
	7	88200	110250	132300	220500	441000	661500	882000
	8	131200	164000	196800	328000	656000	984000	1312000
n = 30	1	350	438	525	875	1750	2625	3500
	2	2600	3250	3900	6500	13000	19500	26000
	3	8550	10688	12825	21375	42750	64125	85500
	4	20000	25000	30000	50000	100000	150000	200000
	5	38750	48438	58125	96875	193750	290625	387500
	6	66600	83250	99900	166500	333000	499500	666000
	7	105350	131688	158025	263375	526750	790125	1053500
	8	156800	196000	235200	392000	784000	1176000	1568000

Channel Width, B = 10 m								
Bank Slope (n : 1)	Maximum Depth of Water, D (m)	Storage Volume, V (cum)						
		Bed Slope of Stream (S : 1)						
		S = 20	S = 25	S = 30	S = 50	S = 100	S = 150	S = 200
n = 4	1	140	175	210	350	700	1050	1400
	2	720	900	1080	1800	3600	5400	7200
	3	1980	2475	2970	4950	9900	14850	19800
	4	4160	5200	6240	10400	20800	31200	41600
	5	7500	9375	11250	18750	37500	56250	75000
	6	12240	15300	18360	30600	61200	91800	122400
	7	18620	23275	27930	46550	93100	139650	186200
	8	26880	33600	40320	67200	134400	201600	268800
n = 5	1	150	188	225	375	750	1125	1500
	2	800	1000	1200	2000	4000	6000	8000
	3	2250	2813	3375	5625	11250	16875	22500
	4	4800	6000	7200	12000	24000	36000	48000
	5	8750	10938	13125	21875	43750	65625	87500
	6	14400	18000	21600	36000	72000	108000	144000
	7	22050	27563	33075	55125	110250	165375	220500
	8	32000	40000	48000	80000	160000	240000	320000
n = 6	1	160	200	240	400	800	1200	1600
	2	880	1100	1320	2200	4400	6600	8800
	3	2520	3150	3780	6300	12600	18900	25200
	4	5440	6800	8160	13600	27200	40800	54400
	5	10000	12500	15000	25000	50000	75000	100000
	6	16560	20700	24840	41400	82800	124200	165600
	7	25480	31850	38220	63700	127400	191100	254800
	8	37120	46400	55680	92800	185600	278400	371200
n = 7	1	170	213	255	425	850	1275	1700
	2	960	1200	1440	2400	4800	7200	9600
	3	2790	3488	4185	6975	13950	20925	27900
	4	6080	7600	9120	15200	30400	45600	60800
	5	11250	14063	16875	28125	56250	84375	112500
	6	18720	23400	28080	46800	93600	140400	187200
	7	28910	36138	43365	72275	144550	216825	289100
	8	42240	52800	63360	105600	211200	316800	422400
n = 10	1	200	250	300	500	1000	1500	2000
	2	1200	1500	1800	3000	6000	9000	12000
	3	3600	4500	5400	9000	18000	27000	36000
	4	8000	10000	12000	20000	40000	60000	80000
	5	15000	18750	22500	37500	75000	112500	150000
	6	25200	31500	37800	63000	126000	189000	252000
	7	39200	49000	58800	98000	196000	294000	392000
	8	57600	72000	86400	144000	288000	432000	576000

Channel Width, B = 10 m								
Bank Slope (n : 1)	Maximum Depth of Water, D (m)	Storage Volume, V (cum)						
		Bed Slope of Stream (S : 1)						
		S = 20	S = 25	S = 30	S = 50	S = 100	S = 150	S = 200
n = 15	1	250	313	375	625	1250	1875	2500
	2	1600	2000	2400	4000	8000	12000	16000
	3	4950	6188	7425	12375	24750	37125	49500
	4	11200	14000	16800	28000	56000	84000	112000
	5	21250	26563	31875	53125	106250	159375	212500
	6	36000	45000	54000	90000	180000	270000	360000
	7	56350	70438	84525	140875	281750	422625	563500
	8	83200	104000	124800	208000	416000	624000	832000
n = 20	1	300	375	450	750	1500	2250	3000
	2	2000	2500	3000	5000	10000	15000	20000
	3	6300	7875	9450	15750	31500	47250	63000
	4	14400	18000	21600	36000	72000	108000	144000
	5	27500	34375	41250	68750	137500	206250	275000
	6	46800	58500	70200	117000	234000	351000	468000
	7	73500	91875	110250	183750	367500	551250	735000
	8	108800	136000	163200	272000	544000	816000	1088000
n = 25	1	270	338	405	675	1350	2025	2700
	2	2080	2600	3120	5200	10400	15600	20800
	3	6930	8663	10395	17325	34650	51975	69300
	4	16320	20400	24480	40800	81600	122400	163200
	5	31750	39688	47625	79375	158750	238125	317500
	6	54720	68400	82080	136800	273600	410400	547200
	7	86730	108413	130095	216825	433650	650475	867300
	8	129280	161600	193920	323200	646400	969600	1292800
n = 30	1	400	500	600	1000	2000	3000	4000
	2	2800	3500	4200	7000	14000	21000	28000
	3	9000	11250	13500	22500	45000	67500	90000
	4	20800	26000	31200	52000	104000	156000	208000
	5	40000	50000	60000	100000	200000	300000	400000
	6	68400	85500	102600	171000	342000	513000	684000
	7	107800	134750	161700	269500	539000	808500	1078000
	8	160000	200000	240000	400000	800000	1200000	1600000

Channel Width, B = 15 m								
Bank Slope (n : 1)	Maximum Depth of Water, D (m)	Storage Volume, V (cum)						
		Bed Slope of Stream (S : 1)						
		S = 20	S = 25	S = 30	S = 50	S = 100	S = 150	S = 200
n = 4	1	190	238	285	475	950	1425	1900
	2	920	1150	1380	2300	4600	6900	9200
	3	2430	3038	3645	6075	12150	18225	24300
	4	4960	6200	7440	12400	24800	37200	49600
	5	8750	10938	13125	21875	43750	65625	87500
	6	14040	17550	21060	35100	70200	105300	140400
	7	21070	26338	31605	52675	105350	158025	210700
	8	30080	37600	45120	75200	150400	225600	300800
n = 5	1	200	250	300	500	1000	1500	2000
	2	1000	1250	1500	2500	5000	7500	10000
	3	2700	3375	4050	6750	13500	20250	27000
	4	5600	7000	8400	14000	28000	42000	56000
	5	10000	12500	15000	25000	50000	75000	100000
	6	16200	20250	24300	40500	81000	121500	162000
	7	24500	30625	36750	61250	122500	183750	245000
	8	35200	44000	52800	88000	176000	264000	352000
n = 6	1	210	263	315	525	1050	1575	2100
	2	1080	1350	1620	2700	5400	8100	10800
	3	2970	3713	4455	7425	14850	22275	29700
	4	6240	7800	9360	15600	31200	46800	62400
	5	11250	14063	16875	28125	56250	84375	112500
	6	18360	22950	27540	45900	91800	137700	183600
	7	27930	34913	41895	69825	139650	209475	279300
	8	40320	50400	60480	100800	201600	302400	403200
n = 7	1	220	275	330	550	1100	1650	2200
	2	1160	1450	1740	2900	5800	8700	11600
	3	3240	4050	4860	8100	16200	24300	32400
	4	6880	8600	10320	17200	34400	51600	68800
	5	12500	15625	18750	31250	62500	93750	125000
	6	20520	25650	30780	51300	102600	153900	205200
	7	31360	39200	47040	78400	156800	235200	313600
	8	45440	56800	68160	113600	227200	340800	454400
n = 10	1	250	313	375	625	1250	1875	2500
	2	1400	1750	2100	3500	7000	10500	14000
	3	4050	5063	6075	10125	20250	30375	40500
	4	8800	11000	13200	22000	44000	66000	88000
	5	16250	20313	24375	40625	81250	121875	162500
	6	27000	33750	40500	67500	135000	202500	270000
	7	41650	52063	62475	104125	208250	312375	416500
	8	60800	76000	91200	152000	304000	456000	608000

Channel Width, B = 15 m								
Bank Slope (n : 1)	Maximum Depth of Water, D (m)	Storage Volume, V (cum)						
		Bed Slope of Stream (S : 1)						
		S = 20	S = 25	S = 30	S = 50	S = 100	S = 150	S = 200
n = 15	1	300	375	450	750	1500	2250	3000
	2	1800	2250	2700	4500	9000	13500	18000
	3	5400	6750	8100	13500	27000	40500	54000
	4	12000	15000	18000	30000	60000	90000	120000
	5	22500	28125	33750	56250	112500	168750	225000
	6	37800	47250	56700	94500	189000	283500	378000
	7	58800	73500	88200	147000	294000	441000	588000
	8	86400	108000	129600	216000	432000	648000	864000
n = 20	1	350	438	525	875	1750	2625	3500
	2	2200	2750	3300	5500	11000	16500	22000
	3	6750	8438	10125	16875	33750	50625	67500
	4	15200	19000	22800	38000	76000	114000	152000
	5	28750	35938	43125	71875	143750	215625	287500
	6	48600	60750	72900	121500	243000	364500	486000
	7	75950	94938	113925	189875	379750	569625	759500
	8	112000	140000	168000	280000	560000	840000	1120000
n = 25	1	400	500	600	1000	2000	3000	4000
	2	2600	3250	3900	6500	13000	19500	26000
	3	8100	10125	12150	20250	40500	60750	81000
	4	18400	23000	27600	46000	92000	138000	184000
	5	35000	43750	52500	87500	175000	262500	350000
	6	59400	74250	89100	148500	297000	445500	594000
	7	93100	116375	139650	232750	465500	698250	931000
	8	137600	172000	206400	344000	688000	1032000	1376000
n = 30	1	450	563	675	1125	2250	3375	4500
	2	3000	3750	4500	7500	15000	22500	30000
	3	9450	11813	14175	23625	47250	70875	94500
	4	21600	27000	32400	54000	108000	162000	216000
	5	41250	51563	61875	103125	206250	309375	412500
	6	70200	87750	105300	175500	351000	526500	702000
	7	110250	137813	165375	275625	551250	826875	1102500
	8	163200	204000	244800	408000	816000	1224000	1632000

Channel Width, B = 20 m								
Bank Slope (n : 1)	Maximum Depth of Water, D (m)	Storage Volume, V (cum)						
		Bed Slope of Stream (S : 1)						
		S = 20	S = 25	S = 30	S = 50	S = 100	S = 150	S = 200
n = 4	1	240	300	360	600	1200	1800	2400
	2	1120	1400	1680	2800	5600	8400	11200
	3	2880	3600	4320	7200	14400	21600	28800
	4	5760	7200	8640	14400	28800	43200	57600
	5	10000	12500	15000	25000	50000	75000	100000
	6	15840	19800	23760	39600	79200	118800	158400
	7	23520	29400	35280	58800	117600	176400	235200
	8	33280	41600	49920	83200	166400	249600	332800
n = 5	1	250	313	375	625	1250	1875	2500
	2	1200	1500	1800	3000	6000	9000	12000
	3	3150	3938	4725	7875	15750	23625	31500
	4	6400	8000	9600	16000	32000	48000	64000
	5	11250	14063	16875	28125	56250	84375	112500
	6	18000	22500	27000	45000	90000	135000	180000
	7	26950	33688	40425	67375	134750	202125	269500
	8	38400	48000	57600	96000	192000	288000	384000
n = 6	1	260	325	390	650	1300	1950	2600
	2	1280	1600	1920	3200	6400	9600	12800
	3	3420	4275	5130	8550	17100	25650	34200
	4	7040	8800	10560	17600	35200	52800	70400
	5	12500	15625	18750	31250	62500	93750	125000
	6	20160	25200	30240	50400	100800	151200	201600
	7	30380	37975	45570	75950	151900	227850	303800
	8	43520	54400	65280	108800	217600	326400	435200
n = 7	1	270	338	405	675	1350	2025	2700
	2	1360	1700	2040	3400	6800	10200	13600
	3	3690	4613	5535	9225	18450	27675	36900
	4	7680	9600	11520	19200	38400	57600	76800
	5	13750	17188	20625	34375	68750	103125	137500
	6	22320	27900	33480	55800	111600	167400	223200
	7	33810	42263	50715	84525	169050	253575	338100
	8	48640	60800	72960	121600	243200	364800	486400
n = 10	1	300	375	450	750	1500	2250	3000
	2	1600	2000	2400	4000	8000	12000	16000
	3	4500	5625	6750	11250	22500	33750	45000
	4	9600	12000	14400	24000	48000	72000	96000
	5	17500	21875	26250	43750	87500	131250	175000
	6	28800	36000	43200	72000	144000	216000	288000
	7	44100	55125	66150	110250	220500	330750	441000
	8	64000	80000	96000	160000	320000	480000	640000

Channel Width, B = 20 m								
Bank Slope (n : 1)	Maximum Depth of Water, D (m)	Storage Volume, V (cum)						
		Bed Slope of Stream (S : 1)						
		S = 20	S = 25	S = 30	S = 50	S = 100	S = 150	S = 200
n = 15	1	350	438	525	875	1750	2625	3500
	2	2000	2500	3000	5000	10000	15000	20000
	3	5850	7313	8775	14625	29250	43875	58500
	4	12800	16000	19200	32000	64000	96000	128000
	5	23750	29688	35625	59375	118750	178125	237500
	6	39600	49500	59400	99000	198000	297000	396000
	7	61250	76563	91875	153125	306250	459375	612500
	8	89600	112000	134400	224000	448000	672000	896000
n = 20	1	400	500	600	1000	2000	3000	4000
	2	2400	3000	3600	6000	12000	18000	24000
	3	7200	9000	10800	18000	36000	54000	72000
	4	16000	20000	24000	40000	80000	120000	160000
	5	30000	37500	45000	75000	150000	225000	300000
	6	50400	63000	75600	126000	252000	378000	504000
	7	78400	98000	117600	196000	392000	588000	784000
	8	115200	144000	172800	288000	576000	864000	1152000
n = 25	1	450	563	675	1125	2250	3375	4500
	2	2800	3500	4200	7000	14000	21000	28000
	3	8550	10688	12825	21375	42750	64125	85500
	4	19200	24000	28800	48000	96000	144000	192000
	5	36250	45313	54375	90625	181250	271875	362500
	6	61200	76500	91800	153000	306000	459000	612000
	7	95550	119438	143325	238875	477750	716625	955500
	8	140800	176000	211200	352000	704000	1056000	1408000
n = 30	1	500	625	750	1250	2500	3750	5000
	2	3200	4000	4800	8000	16000	24000	32000
	3	9900	12375	14850	24750	49500	74250	99000
	4	22400	28000	33600	56000	112000	168000	224000
	5	42500	53125	63750	106250	212500	318750	425000
	6	72000	90000	108000	180000	360000	540000	720000
	7	112700	140875	169050	281750	563500	845250	1127000
	8	166400	208000	249600	416000	832000	1248000	1664000

Channel Width, B = 25 m								
Bank Slope (n : 1)	Maximum Depth of Water, D (m)	Storage Volume, V (cum)						
		Bed Slope of Stream (S : 1)						
		S = 20	S = 25	S = 30	S = 50	S = 100	S = 150	S = 200
n = 4	1	290	363	435	725	1450	2175	2900
	2	1320	1650	1980	3300	6600	9900	13200
	3	3330	4163	4995	8325	16650	24975	33300
	4	6560	8200	9840	16400	32800	49200	65600
	5	11250	14063	16875	28125	56250	84375	112500
	6	17640	22050	26460	44100	88200	132300	176400
	7	25970	32463	38955	64925	129850	194775	259700
	8	36480	45600	54720	91200	182400	273600	364800
n = 5	1	300	375	450	750	1500	2250	3000
	2	1400	1750	2100	3500	7000	10500	14000
	3	3600	4500	5400	9000	18000	27000	36000
	4	7200	9000	10800	18000	36000	54000	72000
	5	12500	15625	18750	31250	62500	93750	125000
	6	19800	24750	29700	49500	99000	148500	198000
	7	29400	36750	44100	73500	147000	220500	294000
	8	41600	52000	62400	104000	208000	312000	416000
n = 6	1	310	388	465	775	1550	2325	3100
	2	1480	1850	2220	3700	7400	11100	14800
	3	3870	4838	5805	9675	19350	29025	38700
	4	7840	9800	11760	19600	39200	58800	78400
	5	13750	17188	20625	34375	68750	103125	137500
	6	21960	27450	32940	54900	109800	164700	219600
	7	32830	41038	49245	82075	164150	246225	328300
	8	46720	58400	70080	116800	233600	350400	467200
n = 7	1	320	400	480	800	1600	2400	3200
	2	1560	1950	2340	3900	7800	11700	15600
	3	4140	5175	6210	10350	20700	31050	41400
	4	8480	10600	12720	21200	42400	63600	84800
	5	15000	18750	22500	37500	75000	112500	150000
	6	24120	30150	36180	60300	120600	180900	241200
	7	36260	45325	54390	90650	181300	271950	362600
	8	51840	64800	77760	129600	259200	388800	518400
n = 10	1	350	438	525	875	1750	2625	3500
	2	1800	2250	2700	4500	9000	13500	18000
	3	4950	6188	7425	12375	24750	37125	49500
	4	10400	13000	15600	26000	52000	78000	104000
	5	18750	23438	28125	46875	93750	140625	187500
	6	30600	38250	45900	76500	153000	229500	306000
	7	46550	58188	69825	116375	232750	349125	465500
	8	67200	84000	100800	168000	336000	504000	672000

Channel Width, B = 25 m								
Bank Slope (n : 1)	Maximum Depth of Water, D (m)	Storage Volume, V (cum)						
		Bed Slope of Stream (S : 1)						
		S = 20	S = 25	S = 30	S = 50	S = 100	S = 150	S = 200
n = 15	1	400	500	600	1000	2000	3000	4000
	2	2200	2750	3300	5500	11000	16500	22000
	3	6300	7875	9450	15750	31500	47250	63000
	4	13600	17000	20400	34000	68000	102000	136000
	5	25000	31250	37500	62500	125000	187500	250000
	6	41400	51750	62100	103500	207000	310500	414000
	7	63700	79625	95550	159250	318500	477750	637000
	8	92800	116000	139200	232000	464000	696000	928000
n = 20	1	450	563	675	1125	2250	3375	4500
	2	2600	3250	3900	6500	13000	19500	26000
	3	7650	9563	11475	19125	38250	57375	76500
	4	16800	21000	25200	42000	84000	126000	168000
	5	31250	39063	46875	78125	156250	234375	312500
	6	52200	65250	78300	130500	261000	391500	522000
	7	80850	101063	121275	202125	404250	606375	808500
	8	118400	148000	177600	296000	592000	888000	1184000
n = 25	1	500	625	750	1250	2500	3750	5000
	2	3000	3750	4500	7500	15000	22500	30000
	3	9000	11250	13500	22500	45000	67500	90000
	4	20000	25000	30000	50000	100000	150000	200000
	5	37500	46875	56250	93750	187500	281250	375000
	6	63000	78750	94500	157500	315000	472500	630000
	7	98000	122500	147000	245000	490000	735000	980000
	8	144000	180000	216000	360000	720000	1080000	1440000
n = 30	1	550	688	825	1375	2750	4125	5500
	2	3400	4250	5100	8500	17000	25500	34000
	3	10350	12938	15525	25875	51750	77625	103500
	4	23200	29000	34800	58000	116000	174000	232000
	5	43750	54688	65625	109375	218750	328125	437500
	6	73800	92250	110700	184500	369000	553500	738000
	7	115150	143938	172725	287875	575750	863625	1151500
	8	169600	212000	254400	424000	848000	1272000	1696000

Channel Width, B = 30 m								
Bank Slope (n : 1)	Maximum Depth of Water, D (m)	Storage Volume, V (cum)						
		Bed Slope of Stream (S : 1)						
		S = 20	S = 25	S = 30	S = 50	S = 100	S = 150	S = 200
n = 4	1	340	425	510	850	1700	2550	3400
	2	1520	1900	2280	3800	7600	11400	15200
	3	3780	4725	5670	9450	18900	28350	37800
	4	7360	9200	11040	18400	36800	55200	73600
	5	12500	15625	18750	31250	62500	93750	125000
	6	19440	24300	29160	48600	97200	145800	194400
	7	28420	35525	42630	71050	142100	213150	284200
	8	39680	49600	59520	99200	198400	297600	396800
n = 5	1	350	438	525	875	1750	2625	3500
	2	1600	2000	2400	4000	8000	12000	16000
	3	4050	5063	6075	10125	20250	30375	40500
	4	8000	10000	12000	20000	40000	60000	80000
	5	13750	17188	20625	34375	68750	103125	137500
	6	21600	27000	32400	54000	108000	162000	216000
	7	31850	39813	47775	79625	159250	238875	318500
	8	44800	56000	67200	112000	224000	336000	448000
n = 6	1	360	450	540	900	1800	2700	3600
	2	1680	2100	2520	4200	8400	12600	16800
	3	4320	5400	6480	10800	21600	32400	43200
	4	8640	10800	12960	21600	43200	64800	86400
	5	15000	18750	22500	37500	75000	112500	150000
	6	23760	29700	35640	59400	118800	178200	237600
	7	35280	44100	52920	88200	176400	264600	352800
	8	49920	62400	74880	124800	249600	374400	499200
n = 7	1	370	463	555	925	1850	2775	3700
	2	1760	2200	2640	4400	8800	13200	17600
	3	4590	5738	6885	11475	22950	34425	45900
	4	9280	11600	13920	23200	46400	69600	92800
	5	16250	20313	24375	40625	81250	121875	162500
	6	25920	32400	38880	64800	129600	194400	259200
	7	38710	48388	58065	96775	193550	290325	387100
	8	55040	68800	82560	137600	275200	412800	550400
n = 10	1	400	500	600	1000	2000	3000	4000
	2	2000	2500	3000	5000	10000	15000	20000
	3	5400	6750	8100	13500	27000	40500	54000
	4	11200	14000	16800	28000	56000	84000	112000
	5	20000	25000	30000	50000	100000	150000	200000
	6	32400	40500	48600	81000	162000	243000	324000
	7	49000	61250	73500	122500	245000	367500	490000
	8	70400	88000	105600	176000	352000	528000	704000

Channel Width, B = 30 m								
Bank Slope (n : 1)	Maximum Depth of Water, D (m)	Storage Volume, V (cum)						
		Bed Slope of Stream (S : 1)						
		S = 20	S = 25	S = 30	S = 50	S = 100	S = 150	S = 200
n = 15	1	450	563	675	1125	2250	3375	4500
	2	2400	3000	3600	6000	12000	18000	24000
	3	6750	8438	10125	16875	33750	50625	67500
	4	14400	18000	21600	36000	72000	108000	144000
	5	26250	32813	39375	65625	131250	196875	262500
	6	43200	54000	64800	108000	216000	324000	432000
	7	66150	82688	99225	165375	330750	496125	661500
	8	96000	120000	144000	240000	480000	720000	960000
n = 20	1	500	625	750	1250	2500	3750	5000
	2	2800	3500	4200	7000	14000	21000	28000
	3	8100	10125	12150	20250	40500	60750	81000
	4	17600	22000	26400	44000	88000	132000	176000
	5	32500	40625	48750	81250	162500	243750	325000
	6	54000	67500	81000	135000	270000	405000	540000
	7	83300	104125	124950	208250	416500	624750	833000
	8	121600	152000	182400	304000	608000	912000	1216000
n = 25	1	550	688	825	1375	2750	4125	5500
	2	3200	4000	4800	8000	16000	24000	32000
	3	9450	11813	14175	23625	47250	70875	94500
	4	20800	26000	31200	52000	104000	156000	208000
	5	38750	48438	58125	96875	193750	290625	387500
	6	64800	81000	97200	162000	324000	486000	648000
	7	100450	125563	150675	251125	502250	753375	1004500
	8	147200	184000	220800	368000	736000	1104000	1472000
n = 30	1	600	750	900	1500	3000	4500	6000
	2	3600	4500	5400	9000	18000	27000	36000
	3	10800	13500	16200	27000	54000	81000	108000
	4	24000	30000	36000	60000	120000	180000	240000
	5	45000	56250	67500	112500	225000	337500	450000
	6	75600	94500	113400	189000	378000	567000	756000
	7	117600	147000	176400	294000	588000	882000	1176000
	8	172800	216000	259200	432000	864000	1296000	1728000