

Table G 26 NET AGRICULTURAL WATER WITHDRAWAL PER UNIT AREA
(FUTURE CROPPING PATTERN)

Unit: mm

1. Han River Basin

Year	Month	Decade	Paddy Depending on				PSI	IU
			River		Reservoir			
			CON	UNC	CON	UNC		
1967	Oct.	1	9	8	-8	-9	-	6
		2	3	3	4	4	-	3
		3	1	1	-2	-2	-	9
	Nov.		-	-	46	46	-	-
Dec.		-	-	1	1	-	-	
1968	Jan.		-	-	8	8	-	-
			-	-	17	17	-	-
			-	-	11	11	-	-
	Apr.	1	-	-	52	52	-	35
		2	9	8	-3	-4	-	10
		3	7	6	-5	-6	-	15
	May	1	5	5	1	1	-	22
		2	58	53	6	1	-	22
		3	117	107	-41	-51	-	28
	June	1	58	53	24	19	-	48
		2	119	109	-34	-44	11	55
		3	101	93	39	31	11	61
	July	1	41	38	520	517	27	20
		2	33	30	67	64	34	8
		3	49	45	-79	-83	17	20
	Aug.	1	49	45	163	159	22	15
		2	38	35	60	57	43	4
		3	55	50	-27	-32	37	21
	Sep.	1	44	40	-6	-10	41	15
2		44	40	-29	-33	9	14	
3		27	25	-48	-50	-	21	
Total			867	794	737	664	252	452

Remarks; 1/: Including pre-irrigation
 CON: Consolidated paddy
 UNC: Unconsolidated paddy
 PSI: Paddy supplementarily irrigation
 IU: Irrigated upland

Table G 26 Continued (2)

Unit: mm

2. Nagdong River Basin

2.1 Northern Zone (NSB)

Year	Month	Decade	Paddy Depending on				PSI	IU	
			River		Reservoir				
			CON	UNC	CON	UNC			
1967	Oct.	1	16	15	-22	-23	5	12	
		2	3	3	23	23	7	5	
		3	1	1	-	-	-	16	
	Nov.		-	-	144	144	-	-	
	Dec.		-	-	-	-	-		
1968	Jan.		-	-	-	-	-	-	
	Feb.		-	-	-	-	-	-	
	Mar.		-	-	28	28	-	-	
	Apr.	1		-	-	-	-	21 ^{1/}	
		2		7	6	44	43	-	7
		3		5	5	-8	-8	-	15
	May	1		7	6	2	1	-	25
		2		41	38	26	23	-	19
		3		88	81	-45	-52	-	32
	June	1		73	67	84	78	4	51
		2		140	128	-75	-87	17	59
		3		104	95	62	62	10	64
	July	1		81	74	44	44	16	51
		2		56	51	454	449	57	27
		3		86	79	-32	-39	48	40
	Aug.	1		65	60	130	125	60	14
		2		59	54	107	102	56	10
		3		76	70	-50	-56	38	33
	Sep.	1		65	60	-33	-38	13	20
		2		59	54	-8	-13	9	15
		3		45	41	-41	-45	4	28
Total			1,077	988	834	761	344	564	

Remarks; 1/: Including pre-irrigation
 CON: Consolidated paddy
 UNC: Unconsolidated paddy
 PSI: Paddy supplementarily irrigated
 IU: Irrigated upland

Table G 26 Continued (3)

Unit: mm

2.2 Central Zone (CSB)

Year	Month	Decade	Paddy Depending on				PSI	IU
			River		Reservoir			
			CON	UNC	CON	UNC		
1967	Oct.	1	17	16	33	32	12	7
		2	1	1	9	9	10	8
		3	-	-	-	-	-	17
	Nov.	-	-	54	54	-	-	
	Dec.	-	-	-	-	-	-	
1968	Jan.	-	-	-	-	-	-	
	Feb.	-	-	-	-	-	-	
	Mar.	-	-	46	46	-	-	
	Apr.	1	-	-	11	11	-	17 ^{1/}
		2	1	1	28	28	-	6
		3	7	6	-3	-4	-	13
	May	1	9	8	6	5	-	24
		2	9	8	8	7	-	27
		3	19	17	-9	-11	-	37
	June	1	74	68	22	16	-	59
		2	179	164	77	62	7	66
		3	98	90	36	36	7	73
	July	1	81	74	21	21	6	60
		2	59	54	338	333	64	41
		3	82	75	58	51	64	45
	Aug.	1	73	67	31	25	49	28
		2	56	51	318	313	47	11
		3	75	69	-58	-64	38	20
	Sep.	1	59	54	-50	-55	10	19
		2	56	51	-4	-9	9	13
3		56	51	-61	-66	3	30	
Total			1,011	925	911	840	326	621

Remarks; 1/: Including pre-irrigation
 CON: Consolidated paddy
 UNC: Unconsolidated paddy
 PSI: Paddy supplementarily irrigated
 IU: Irrigated upland

Table G 26 Continued (4)

Unit: mm

2.3 Southern Zone (SSB)

Year	Month	Decade	Paddy Depending on				PSI	IU
			River		Reservoir			
			CON	UNC	CON	UNC		
1967	Oct.	1	28	26	12	10	8	11
		2	1	1	22	22	5	14
		3	-	-	-	-	-	12
	Nov.		-	-	61	61	-	-
	Dec.		-	-	-	-	-	-
1968	Jan.		-	-	-	-	-	-
		Feb.	-	-	6	6	-	-
		Mar.	-	-	56	56	-	-
	Apr.	1	-	-	23	23	-	14 ^{1/}
		2	1	1	8	8	-	4
		3	8	7	-1	-2	-	9
	May	1	8	7	-4	-5	-	29
		2	4	4	166	166	-	9
		3	13	12	-9	-10	-	20
	June	1	72	66	-26	-32	8	44
		2	162	149	12	-1	9	52
		3	74	68	29	29	11	65
	July	1	61	56	22	22	13	44
		2	49	45	182	178	36	32
		3	56	51	201	196	27	35
	Aug.	1	50	46	38	34	31	18
		2	45	41	63	59	40	11
		3	59	54	-59	-64	31	22
	Sep.	1	48	44	-57	-61	5	18
		2	35	32	60	57	28	5
		3	33	30	-37	-40	4	17
Total			807	740	768	712	256	485

Remarks; 1/: Including pre-irrigation
 CON: Consolidated paddy
 UNC: Unconsolidated paddy
 PSI: Paddy supplementarily irrigated
 IU: Irrigated upland

Table G 26 Continued (5)

Unit: mm

3. Seomjin River Basin

Year	Month	Decade	Paddy Depending on				PSI	IU
			River		Reservoir			
			CON	UNC	CON	UNC		
1967	Oct.	1	32	29	13	12	2	20
		2	9	8	3	3	-	20
		3	2	2	4	4	-	25
	Nov.		-	-	135	135	-	-
	Dec.		-	-	-	-	-	-
1968	Jan.	1	-	-	-	-	-	-
		2	-	-	1	1	-	-
		3	-	-	68	68	-	-
	Apr.	1	-	-	12	12	-	35
		2	2	2	35	35	-	-
		3	9	8	2	1	-	8
May	1	1	8	7	56	55	-	7
		2	14	13	12	11	-	15
		3	26	24	-3	-5	-	23
June	1	1	63	58	216	211	21	32
		2	159	146	12	-1	30	47
		3	87	80	-75	-82	19	40
July	1	1	70	64	-24	-30	14	47
		2	74	68	56	50	22	42
		3	101	93	34	26	16	62
Aug.	1	1	58	53	285	280	50	20
		2	43	39	209	205	45	4
		3	63	58	8	3	42	16
Sep.	1	1	52	48	60	56	39	4
		2	49	45	27	23	25	4
		3	45	41	-48	-52	5	16
Total			966	886	1,098	1,021	330	487

Remarks; I/: Including pre-irrigation
 CON: Consolidated Paddy
 UNC: Unconsolidated paddy
 PSI: Paddy supplementarily irrigated
 IU: Irrigated upland

Table G 27 SUMMARY OF NET AGRICULTURAL WATER
WITHDRAWAL IN THE THREE BASINS

Unit: 10^6 m^3

1. Han River Basin

Month	Decade	1967/68	1975/76	1980/81	1985/86	1990/91	1995/96	2000/01
Oct.	1	24.7	4.3	4.9	5.9	7.0	7.5	8.0
	2	13.7	3.3	3.7	4.1	4.7	5.0	5.3
	3	7.6	0.3	0.6	0.9	1.3	1.6	1.9
Nov.		6.8	11.1	12.0	12.4	13.3	14.1	15.0
Dec.		-	0.2	0.3	0.3	0.3	0.3	0.3
Jan.		1.2	1.9	2.1	2.2	2.3	2.5	2.6
Feb.		1.1	4.1	4.5	4.6	4.9	5.2	5.5
Mar.		1.4	2.7	2.9	2.9	3.2	3.4	3.6
Apr.	1	8.1	12.6	14.7	16.2	18.3	20.3	22.4
	2	-	5.5	6.3	7.4	8.5	9.3	10.0
	3	7.4	3.4	4.3	5.4	6.5	7.3	8.0
May	1	3.6	4.2	5.1	6.3	7.4	8.4	9.3
	2	8.0	42.6	46.9	52.7	59.2	62.9	66.5
	3	45.8	73.2	80.3	91.6	103.1	109.2	114.8
June	1	93.8	47.0	52.4	59.2	66.8	71.7	76.4
	2	49.4	82.7	90.6	102.0	114.9	121.4	127.5
	3	80.8	88.0	96.4	106.8	119.8	126.7	133.5
July	1	123.9	170.7	182.2	187.8	199.8	209.8	220.5
	2	52.2	58.8	60.2	61.1	62.4	63.5	64.8
	3	19.8	25.5	27.2	30.3	35.2	35.9	36.5
Aug.	1	68.9	86.9	92.1	96.4	102.3	107.0	111.6
	2	64.3	66.2	67.0	67.4	68.1	68.7	69.4
	3	56.0	53.3	54.9	57.3	61.0	61.8	62.6
Sep.	1	70.3	52.9	53.5	54.6	56.0	56.0	56.6
	2	30.3	29.2	31.5	35.0	39.7	41.4	42.9
	3	20.6	7.8	9.5	12.2	15.9	17.0	18.1
Total		859.7	938.4	1,006.1	1,083.0	1,181.9	1,237.9	1,293.6

Table G 27 Continued (2)

Unit: 10^6 m^3

2. Nagdong River Basin

Month	Decade	1967/68	1975/76	1980/81	1985/86	1990/91	1995/96	2000/01
Oct.	1	65.6	47.5	49.3	51.2	54.2	56.2	57.6
	2	63.4	23.8	24.7	25.6	26.9	27.5	28.1
	3	24.4	4.0	5.0	6.6	7.8	9.2	10.2
Nov.		50.7	65.6	68.4	74.3	78.8	83.0	87.5
Dec.		-	-	-	-	-	-	-
Jan.		-	-	-	-	-	-	-
Feb.		1.5	1.8	1.9	2.0	2.1	2.2	2.3
Mar.		33.4	42.7	45.2	47.4	50.0	52.3	54.8
Apr.	1	11.8	15.3	16.8	18.8	20.4	22.0	23.6
	2	18.1	25.7	27.6	29.6	31.6	33.5	35.4
	3	2.9	6.3	7.1	8.4	9.5	10.4	11.3
May	1	8.1	14.4	16.2	18.8	21.0	23.0	25.0
	2	58.1	79.6	82.7	88.5	94.3	99.7	105.5
	3	9.8	25.8	28.4	32.7	36.2	39.4	42.5
June	1	50.0	103.2	110.7	120.9	130.9	138.9	146.9
	2	65.5	215.6	226.7	242.8	259.9	272.4	284.5
	3	231.5	151.4	160.7	173.4	186.1	196.0	206.0
July	1	103.8	120.3	127.1	136.5	145.6	152.8	160.1
	2	278.6	385.5	403.4	420.5	438.3	455.0	472.7
	3	167.9	202.4	208.3	215.3	222.2	228.3	234.5
Aug.	1	126.9	150.2	153.5	157.4	161.5	164.8	168.2
	2	266.3	276.0	285.2	293.9	303.1	311.9	321.0
	3	57.5	51.2	49.3	49.7	50.7	49.5	48.1
Sep.	1	24.2	22.9	23.2	25.5	28.4	29.4	30.1
	2	71.2	78.8	81.3	84.7	88.3	91.1	94.1
	3	20.8	6.8	7.3	9.9	12.4	13.6	14.6
Total		1,812.0	2,116.8	2,210.0	2,334.4	2,460.2	2,562.1	2,664.6

Table G 27 Continued (3)

Unit: 10^6 m^3

3. Seomjin River Basin

Month	Decade	1967/68	1975/76	1980/81	1985/86	1990/91	1995/96	2000/01
Oct.	1	12.3	8.7	9.3	10.0	10.6	11.3	12.0
	2	7.0	2.2	2.4	2.6	2.9	3.1	3.4
	3	3.3	1.2	1.3	1.5	1.6	1.8	2.0
Nov.		22.9	26.0	27.5	29.2	31.0	32.7	34.4
Dec.		-	-	-	-	-	-	-
Jan.		-	-	-	-	-	-	-
Feb.		0.2	0.2	0.2	0.2	0.2	0.2	0.3
Mar.		11.5	13.1	13.8	14.7	15.6	16.5	17.3
Apr.	1	2.0	2.3	2.6	2.8	3.1	3.4	3.8
	2	5.9	7.1	7.5	8.0	8.5	9.0	9.4
	3	-	1.8	2.0	2.2	2.4	2.6	2.8
May	1	9.5	12.0	12.8	13.7	14.6	15.4	16.3
	2	5.0	4.7	5.1	5.5	6.0	6.4	6.8
	3	-0.9	3.9	4.3	4.8	5.2	5.7	6.1
June	1	21.7	57.6	60.7	64.0	67.4	70.6	74.0
	2	24.7	37.0	39.1	41.1	43.1	45.1	47.1
	3	31.2	5.2	5.5	5.5	5.6	5.6	5.6
July	1	-7.6	10.8	11.4	12.0	12.6	13.2	13.8
	2	24.4	29.0	30.4	31.8	33.3	34.8	36.2
	3	23.1	27.9	29.7	31.5	33.3	35.1	36.9
Aug.	1	70.7	77.2	80.3	83.8	87.2	90.5	93.9
	2	54.2	58.7	60.8	63.1	65.4	67.6	69.8
	3	22.2	22.9	23.1	23.2	23.3	23.4	23.4
Sep.	1	29.9	30.3	31.0	31.6	32.2	32.8	33.4
	2	19.2	19.9	20.4	20.9	21.4	21.9	22.3
	3	0.8	-0.4	-0.3	-0.3	-0.3	-0.2	-0.2
Total		393.2	459.3	480.9	503.4	526.2	548.5	570.8

Table G 28 NET AGRICULTURAL WATER WITHDRAWAL IN THE HAN RIVER BASIN

Unit: 10³ m³

Year: 1968 (Han River Basin)

Sub-basin Code No. C.A. km ²	01(1) 718		01(2) 1,618		(2) 1,357		03(1) 511		03(2) 650		04(1) 276		04(2) 1,180	
	T	M	T	M	T	M	T	M	T	M	T	M	T	M
1967 O 1	800	2,977	2,680	702	2,439	10	1,674	219	2,053	48	315	23	1,343	
2	402	923	1,293	217	1,058	3	725	68	1,126	15	161	7	685	
3	858	113	1,007	27	710	6	669	8	661	2	88	1	374	
N	110	-	844	-	546	-	313	-	1,003	-	130	-	556	
D	-	-	-	-	-	-	-	-	-	-	-	-	-	
1968 J	20	-	153	-	99	-	57	-	183	-	24	-	100	
F	18	-	134	-	87	-	50	-	159	-	21	-	88	
M	23	-	172	-	112	-	64	-	204	-	27	-	114	
A 1	130	-	998	-	645	-	369	-	1,185	-	154	-	658	
2	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	76	1,376	711	324	775	5	492	101	480	22	84	11	359	
M 1	44	452	384	108	352	2	217	34	333	7	51	4	217	
2	108	697	885	162	730	2	444	50	870	11	124	5	528	
3	479	8,500	4,421	2,000	4,807	30	3,057	623	3,001	134	526	67	2,240	
J 1	1,022	16,075	9,242	3,784	9,664	56	6,109	1,179	6,721	255	1,130	126	4,818	
2	551	8,028	4,937	1,892	5,035	28	3,169	589	3,734	127	614	63	2,617	
3	964	11,024	8,357	2,595	7,931	38	4,936	808	7,008	175	1,087	86	4,633	
J 1	1,818	4,240	15,194	1,000	10,888	15	7,161	311	15,404	67	2,070	33	8,826	
2	684	3,449	6,624	811	5,194	12	4,074	253	5,049	55	711	27	3,030	
3	141	5,051	2,066	1,189	2,557	18	2,133	371	161	80	101	40	433	
A 1	924	4,937	8,223	1,162	6,526	17	4,545	362	7,225	78	1,018	39	4,338	
2	837	4,353	8,175	1,027	6,441	15	5,007	320	6,143	69	868	34	3,701	
3	656	5,974	6,727	1,405	5,853	21	5,069	437	4,333	94	658	47	2,806	
S 1	927	4,711	8,824	1,109	6,932	16	5,314	345	6,935	75	976	37	4,161	
2	318	5,163	3,179	1,217	3,273	18	2,317	379	1,903	82	330	41	1,406	
3	159	5,748	1,712	1,352	2,426	20	1,596	421	515	91	158	45	676	
TOTAL	12,069	93,791	96,943	22,083	85,080	332	59,631	6,878	76,389	1,487	11,426	736	48,707	

Remarks; T: Tributary area.
M: Area downstream of proposed dam site.

Table G 28 Continued (2)

Year: 1968 (Han River Basin)

Unit: 10³ m³

Sub-basin Code No. C.A. km ²	05		06(1)		06(2)		07(1)		07(2)		08		09		10(1)		10(2)		10(3)		
	940		679		669		1,193		1,259		1,769		719		1,134		101		473		
	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T
1967 O 1	1,582	164	809	10	808	713	742	10	900	37	44	166	16	15	70						
2	923	51	1,673	3	1,673	353	368	3	362	16	14	60	5	5	26						
3	533	6	246	-	246	206	215	-	283	15	2	47	1	4	20						
N	902	-	508	-	508	266	276	-	127	4	-	9	-	1	3						
D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
1968 J	164	-	92	-	92	48	50	-	23	1	-	1	-	-	1						
F	144	-	81	-	81	42	44	-	21	1	-	1	-	-	1						
M	185	-	104	-	104	54	57	-	26	1	-	2	-	-	2						
A 1	1,066	-	601	-	601	314	326	-	151	5	-	11	-	1	4						
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
3	326	76	161	5	160	197	205	5	300	12	20	61	7	6	25						
M 1	263	25	142	2	141	111	116	2	122	5	7	22	2	2	9						
2	730	38	400	2	399	265	275	2	231	9	10	36	4	3	16						
3	2,050	468	1,014	30	1,014	1,227	1,276	30	1,855	72	126	376	45	34	159						
J 1	4,817	886	2,448	56	2,447	2,597	2,704	56	3,642	140	238	721	85	66	305						
2	2,745	443	1,414	28	1,413	1,397	1,455	28	1,869	72	119	364	43	33	154						
3	5,461	608	2,894	38	2,893	2,415	2,513	38	2,803	107	163	515	59	47	219						
J 1	13,367	234	2,310	15	7,310	4,367	4,545	15	3,235	130	63	418	23	38	177						
2	4,087	190	2,050	12	2,049	1,608	1,674	12	1,918	87	51	323	18	29	138						
3	-341	278	-370	18	-370	350	364	18	1,235	56	75	278	27	25	118						
A 1	5,989	272	3,170	17	3,170	2,225	2,315	17	2,213	92	73	354	27	32	151						
2	4,939	240	2,470	15	2,469	1,970	2,051	15	2,396	109	65	407	23	37	172						
3	3,224	329	1,561	21	1,561	1,557	1,620	21	2,325	105	88	432	32	39	184						
S 1	5,636	260	2,868	16	2,868	2,191	2,281	16	2,517	113	70	420	26	38	178						
2	1,263	285	576	18	576	793	825	18	1,317	55	77	266	28	24	113						
3	26	317	-81	20	-81	429	447	20	1,061	42	85	241	31	22	102						
TOTAL	60,081	5,170	32,141	326	32,132	25,695	26,744	326	30,932	1,286	1,390	5,531	502	502	2,346						

Table G 28 Continued (3)

Unit: 10³m³

Year: 1968 (Han River Basin)

Sub-basin Code No. C.A. km ²	11		12		13		14		15(1)		15(2)		16(1)		16(2)		17		Total 25,944
	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	
	638		780		1,473		1,034		1,660		1,043		447		583		3,040		
1967 O 1	480	-	424	-	686	10	644	10	388	-	136	-	101	134	382	-	24,744	-	
2	192	-	178	-	346	3	290	3	149	-	54	-	48	63	180	-	13,718	-	
3	178	-	158	-	381	-	131	-	107	-	68	-	40	52	131	-	7,594	-	
N	53	-	66	-	215	-	189	-	40	-	-	-	28	38	114	-	6,849	-	
D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1968 J	10	-	12	-	39	-	35	-	7	-	3	-	5	7	21	-	1,248	-	
F	8	-	11	-	35	-	30	-	6	-	3	-	5	6	18	-	1,095	-	
M	11	-	14	-	44	-	39	-	8	-	4	-	6	8	23	-	1,407	-	
A 1	62	-	78	-	255	-	223	-	47	-	21	-	34	44	135	-	8,118	-	
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	156	-	131	-	143	5	210	5	138	-	44	-	28	36	107	-	7,375	-	
M 1	61	-	56	-	85	2	103	2	53	-	17	-	14	19	56	-	3,640	-	
2	111	-	108	-	207	2	224	2	94	-	33	-	31	42	125	-	8,011	-	
3	966	-	817	-	889	30	1,304	30	856	-	269	-	170	225	665	-	45,822	-	
J 1	1,883	-	1,615	-	1,907	56	2,664	56	1,661	-	528	-	351	465	1,377	-	93,840	-	
2	961	-	832	-	1,035	28	1,402	28	845	-	271	-	186	247	731	-	49,471	-	
3	1,418	-	1,266	-	1,824	38	2,280	38	1,233	-	405	-	309	409	1,217	-	80,776	-	
J 1	1,612	-	1,643	-	4,141	15	3,264	15	1,191	-	485	-	537	712	2,071	-	123,930	-	
2	1,094	-	986	-	2,075	12	1,239	12	768	-	309	-	251	333	899	-	52,173	-	
3	739	-	580	-	625	18	462	18	580	-	198	-	92	122	307	-	19,807	-	
A 1	1,175	-	1,097	-	2,271	17	1,782	17	887	-	338	-	301	399	1,136	-	68,897	-	
2	1,372	-	1,232	-	2,572	15	1,519	15	962	-	387	-	311	412	1,109	-	64,314	-	
3	1,340	-	1,158	-	2,073	21	1,321	21	981	-	374	-	262	348	930	-	55,966	-	
S 1	1,417	-	1,285	-	2,701	16	1,699	16	1,008	-	402	-	332	441	1,201	-	70,346	-	
2	725	-	609	-	793	18	805	18	595	-	201	-	126	166	464	-	30,344	-	
3	574	-	453	-	276	20	596	20	519	-	156	-	72	96	276	-	20,618	-	
TOTAL	16,598	-	14,809	-	25,618	326	22,455	326	13,123	-	4,706	-	3,640	4,824	13,675	-	860,103	-	

Table G 28 Continued (4)

Sub-basin Code No. C.A. km ²	Year: 1976 (Han River Basin)		01(1) 718		01(2) 1,618		(2) 1,357		03(1) 511		03(2) 650		04(1) 276		04(2) 1,180	
	M*		T	M	T	M	T	M	T	M	T	M	T	M	T	M
	T	M														
1975 O 1	4	1,086	355	238	467	3	206	81	162	18	45	9	191			
2	54	385	320	88	313	1	260	30	322	6	45	3	189			
3	-7	128	20	29	41	-	2	10	-13	2	2	1	9			
N	345	-	1,196	-	869	-	1,164	-	1,665	-	176	-	749			
D	8	-	26	-	19	-	25	-	36	-	4	-	17			
1976 J	60	-	208	-	151	-	202	-	290	-	31	-	130			
F	128	-	442	-	322	-	430	-	615	-	65	-	277			
M	83	-	286	-	208	-	278	-	398	-	42	-	180			
A 1	390	-	1,352	-	983	-	1,316	-	1,882	-	200	-	846			
2	41	1,086	485	238	561	3	333	81	343	18	64	9	273			
3	10	829	288	180	366	2	176	62	153	14	37	7	157			
M 1	48	642	386	147	414	2	290	51	332	11	53	6	226			
2	468	7,096	3,901	1,573	4,232	21	2,881	539	3,245	118	528	58	2,251			
3	546	14,320	6,496	3,175	7,541	43	4,475	1,089	4,630	240	863	118	3,679			
J 1	603	7,096	4,369	1,573	4,573	21	3,337	539	3,897	118	597	58	2,543			
2	1,375	14,577	7,620	3,234	8,381	44	5,244	1,109	5,525	244	982	120	4,189			
3	1,796	12,405	8,394	2,757	8,524	37	6,274	946	7,263	207	1,110	102	4,732			
J 1	6,070	5,053	18,170	1,125	14,138	15	16,315	386	22,289	84	2,529	42	10,779			
2	3,091	4,027	6,324	891	5,297	12	4,740	305	5,750	67	767	33	3,268			
3	941	6,011	2,362	1,335	2,857	18	1,074	458	524	101	240	50	1,025			
A 1	3,102	6,011	9,016	1,335	7,682	18	7,418	458	9,522	101	1,198	50	5,107			
2	3,700	4,669	7,155	1,038	6,008	14	5,226	356	6,221	78	849	39	3,618			
3	2,753	6,711	5,510	1,485	5,222	20	3,522	509	3,632	112	618	55	2,634			
S 1	3,107	5,369	5,641	1,188	5,043	16	3,717	407	4,011	90	629	44	2,683			
2	723	5,369	2,722	1,188	3,008	16	1,721	407	1,658	90	329	44	1,404			
3	-160	3,326	524	741	1,040	10	79	255	-302	56	56	28	238			
TOTAL	29,279	106,196	93,568	23,558	88,260	316	70,705	8,078	84,050	1,775	12,059	1,876	51,394			

Remarks: M* includes the diversion water to the Incheon area (940 ha).

Table G 28 Continued (5)

Year: 1976 (Han River Basin)

Unit: 10³ m³

Sub-basin Code No. C.A. km ²	05		06(1)		06(2)		07(1)		07(2)		08		09		10(1)		10(2)		10(3)	
	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M
1975 O 1	91	62	45	45	45	45	103	103	107	107	-	216	9	17	48	6	4	20		
2	243	23	118	117	117	100	100	104	104	-	109	3	6	20	3	2	9			
3	-16	8	-8	-7	-7	5	5	6	6	-	23	1	2	6	1	1	2			
N	1,343	-	644	644	644	385	385	401	401	-	174	5	-	12	-	1	5			
D	29	-	14	14	14	8	8	9	9	-	3	-	-	-	-	-	-			
1976 J	234	-	112	112	112	67	67	70	70	-	30	1	-	2	-	0	1			
F	496	-	238	238	238	143	143	148	148	-	65	2	-	5	-	0	2			
M	321	-	154	154	154	92	92	96	96	-	41	1	-	3	-	0	1			
A 1	1,518	-	728	728	728	436	436	453	453	-	198	5	-	14	-	1	6			
2	237	62	115	115	115	145	145	150	150	-	235	10	17	49	6	4	21			
3	95	47	46	46	46	84	84	87	87	-	166	7	13	36	4	3	16			
M 1	240	39	117	116	116	118	118	123	123	-	158	7	11	32	4	3	13			
2	2,346	412	1,136	1,136	1,136	1,184	1,184	1,233	1,233	-	1,658	65	111	332	39	30	141			
3	3,187	830	1,550	1,550	1,550	1,946	1,946	2,025	2,025	-	3,147	126	225	657	77	60	278			
J 1	2,872	412	1,388	1,388	1,388	1,335	1,335	1,390	1,390	-	1,728	66	111	337	39	31	143			
2	3,916	845	1,919	1,918	1,918	2,217	2,217	2,308	2,308	-	3,496	140	229	711	79	65	302			
3	5,398	721	2,627	2,626	2,626	2,491	2,491	2,592	2,592	-	3,281	127	195	631	67	57	268			
J 1	17,830	294	8,601	8,601	8,601	5,589	5,589	5,818	5,818	-	3,792	125	80	474	27	43	201			
2	4,546	233	2,241	2,241	2,241	1,726	1,726	1,796	1,796	-	1,990	77	63	331	22	30	140			
3	221	349	144	143	143	564	564	586	586	-	1,494	64	95	323	33	29	137			
A 1	7,488	349	3,636	3,635	3,635	2,668	2,668	2,777	2,777	-	2,533	93	95	405	33	37	172			
2	4,913	272	2,434	2,433	2,433	1,915	1,915	1,993	1,993	-	2,332	92	74	393	26	36	167			
3	2,741	389	1,384	1,384	1,384	1,411	1,411	1,469	1,469	-	2,321	95	105	442	36	40	187			
S 1	3,104	311	1,564	1,563	1,563	1,435	1,435	1,493	1,493	-	2,188	88	84	400	29	36	170			
2	1,149	311	574	574	574	750	750	780	780	-	1,338	54	84	275	29	25	117			
3	-373	194	-174	-173	-173	135	135	140	140	-	590	26	53	143	18	13	61			
TOTAL	64,169	6,163	31,347	31,341	31,341	27,052	27,052	28,154	28,154	-	33,306	1,289	1,670	6,081	578	551	2,580			

Table G 28 Continued (6)

Year: 1976 (Han River Basin)
Unit: 10³ m

Sub-basin Code No. C.A. km ²	11		12		13		14		15(1)		16(1)		16(2)		17		Total 25,944
	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	
1975 O 1	114	-	89	-	65	-	130	3	99	-	16	16	22	22	58	-	4,264
2	58	-	51	-	79	-	94	1	47	-	19	19	25	25	57	-	3,319
3	12	-	10	-	1	-	10	-	12	-	0	0	1	1	3	-	300
N	97	-	110	-	340	-	295	-	60	-	81	81	108	108	235	-	11,127
D	2	-	2	-	7	-	7	-	1	-	2	2	3	3	6	-	243
1976 J	17	-	20	-	59	-	51	-	11	-	14	14	19	19	41	-	1,937
F	36	-	40	-	126	-	109	-	22	-	30	30	40	40	87	-	4,115
M	23	-	26	-	81	-	71	-	14	-	20	20	26	26	57	-	2,662
A 1	109	-	124	-	385	-	333	-	67	-	92	92	121	121	265	-	12,578
2	125	-	101	-	102	-	162	3	106	-	25	25	33	33	83	-	5,474
3	86	-	70	-	54	-	103	2	75	-	13	13	18	18	48	-	3,424
M 1	84	-	71	-	88	-	123	2	70	-	22	22	30	30	68	-	4,171
2	879	-	735	-	873	-	1,244	21	737	-	215	215	284	284	682	-	42,639
3	1,660	-	1,357	-	1,370	-	2,169	43	1,417	-	339	339	449	449	1,106	-	73,229
J 1	916	-	779	-	1,007	-	1,358	21	760	-	246	246	326	326	773	-	46,994
2	1,882	-	1,549	-	1,849	-	2,346	44	1,541	-	403	403	535	535	1,306	-	82,748
3	1,774	-	1,508	-	2,143	-	2,451	37	1,419	-	471	471	625	625	1,482	-	88,009
J 1	2,137	-	2,130	-	5,415	-	4,401	15	1,418	-	1,170	1,170	1,551	1,551	3,459	-	170,703
2	1,165	-	1,027	-	2,185	-	1,372	12	775	-	368	368	488	488	1,139	-	58,842
3	836	-	652	-	730	-	649	18	653	-	101	101	134	134	364	-	25,542
A 1	1,422	-	1,301	-	2,701	-	2,235	18	1,008	-	548	548	726	726	1,662	-	86,929
2	1,373	-	1,201	-	2,537	-	1,512	14	907	-	411	411	545	545	1,278	-	66,189
3	1,340	-	1,116	-	1,908	-	1,248	20	952	-	291	291	385	385	943	-	53,347
S 1	1,284	-	1,083	-	2,052	-	1,186	16	873	-	305	305	405	405	978	-	52,930
2	733	-	595	-	732	-	792	16	584	-	138	138	183	183	456	-	29,164
3	307	-	225	-	38	-	263	10	281	-	12	12	16	16	63	-	7,845
TOTAL	18,471	-	15,972	-	26,927	-	24,714	316	13,909	-	4,871	5,352	7,098	16,699	938,724	-	

Table G 28 Continued (7)

Year: 1981 (Han River Basin)

Unit: 10³ m³

Sub-basin Code No. C.A. km ²	01(1) 718		01(2) 1,618		02 1,357		03(1) 511		03(2) 650		04(1) 276		04(2) 1,180	
	T	M*	T	M	T	M	T	M	T	M	T	M	T	M
1980 O 1	44	1,283	400	281	478	40	173	174	184	23	48	11	204	
2	71	472	340	104	324	15	256	64	342	8	48	5	204	
3	5	156	40	55	49	14	7	33	-2	6	5	3	22	
N	368	-	1,242	-	943	-	1,242	-	1,771	-	192	-	820	
D	8	-	27	-	20	-	27	-	39	-	4	-	18	
1981 J	64	-	216	-	164	-	216	-	308	-	33	-	143	
F	136	-	459	-	349	-	459	-	655	-	71	-	303	
M	88	-	297	-	225	-	297	-	424	-	46	-	196	
A 1	451	35	1,474	88	1,105	39	1,453	49	2,058	14	231	7	983	
2	87	1,231	543	291	585	44	314	180	383	25	70	12	300	
3	52	971	349	240	391	42	172	147	191	22	44	10	187	
M 1	90	738	447	215	442	42	298	131	379	22	63	11	268	
2	733	7,944	4,200	1,798	4,358	241	2,722	1,121	3,471	417	559	69	2,384	
3	1,037	16,131	7,011	3,588	7,692	469	4,038	2,239	4,937	290	901	137	3,840	
J 1	902	7,980	4,737	1,863	4,756	270	3,244	1,157	4,206	157	644	75	2,747	
2	1,826	16,668	8,119	3,720	8,525	507	4,779	2,317	5,851	306	1,027	145	4,379	
3	2,214	14,260	8,895	3,204	8,757	447	5,995	1,993	7,706	265	1,176	126	5,015	
J 1	6,326	5,138	18,696	1,294	14,931	177	16,909	806	23,528	106	2,723	50	11,609	
2	3,028	4,102	6,297*	1,008	5,314	132	4,543	629	5,885	81	787	39	3,356	
3	1,003	7,322	2,402	1,528	2,752	206	690	952	454	125	228	60	970	
A 1	3,244	6,452	9,251	1,516	7,935	201	7,407	945	9,979	123	1,268	59	5,404	
2	3,586	4,739	7,059	1,158	5,972	147	4,931	724	6,306	93	861	44	3,673	
3	2,726	7,635	5,486	1,700	5,126	228	3,091	1,059	3,626	139	616	66	2,625	
S 1	3,010	5,822	5,547	1,356	4,938	181	3,325	845	3,995	110	626	52	2,670	
2	841	6,338	2,844	1,353	3,009	179	1,488	844	1,716	110	335	52	1,430	
3	-52	4,105	629	872	1,025	125	-73	541	-301	73	56	35	238	
TOTAL	31,888	119,522	97,007	27,232	90,165	3,746	68,003	16,950	88,091	2,245	12,662	1,068	53,988	

Remarks: M* includes the diversion water to the Incheon area (940 ha).

Table G 28 Continued (8)

Year: 1981 (Han River Basin)

Unit: 10³ m³

Sub-basin Code No. C.A. km ²	05 <u>940</u>		06(1) <u>679</u>		06(2) <u>669</u>		07(1) <u>1,193</u>		07(2) <u>1,259</u>		08 <u>1,769</u>		09 <u>719</u>		10(1) <u>1,134</u>		10(2) <u>101</u>		10(3) <u>473</u>		
	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	
1980 O 1	104	77	64		63		104		109		10		10		54		9		5		23
2	259	29	132		131		108		113		4		5		23		3		2		10
3	-1	12	7		7		12		13		3		3		11		2		1		5
N	1,426	-	690		690		440		457		-		5		12		-		1		5
D	32	-	16		15		9		10		-		-		-		-		-		-
1981 J	248	-	120		120		76		80		-		1		2		-		0		1
F	528	-	256		255		163		169		-		2		5		-		0		2
M	342	-	166		165		105		109		-		1		3		-		0		1
A 1	1,682	7	836		836		531		553		7		12		35		4		3		15
2	267	78	145		145		156		163		11		12		58		9		5		25
3	129	61	79		79		98		101		9		9		48		8		5		20
M 1	291	50	161		161		143		148		10		10		46		7		4		20
2	2,492	499	1,282		1,281		1,247		1,297		58		70		364		56		33		154
3	3,350	1,005	1,764		1,764		1,993		2,074		116		132		711		112		65		301
J 1	3,102	505	1,594		1,593		1,444		1,503		64		77		384		59		35		163
2	4,104	1,028	2,160		2,160		2,281		2,375		123		151		779		117		71		331
3	5,699	878	2,917		2,917		2,634		2,742		107		139		696		100		64		295
J 1	18,756	357	9,162		9,162		6,198		6,450		43		126		492		40		45		208
2	4,597	283	2,302		2,301		1,775		1,848		33		77		337		32		31		143
3	123	424	144		143		490		510		51		66		346		48		31		147
A 1	7,797	423	3,859		3,859		2,866		2,983		50		94		424		48		39		180
2	4,911	327	2,467		2,466		1,939		2,019		37		89		397		36		36		168
3	2,669	472	1,403		1,403		1,371		1,426		56		95		462		53		42		196
S 1	3,026	377	1,565		1,564		1,400		1,457		44		88		412		43		37		175
2	1,156	377	626		625		740		771		44		57		296		42		27		125
3	-378	237	-140		-140		114		118		30		29		164		27		15		70
TOTAL	66,711	7,506	33,777		33,765		28,437		29,598		910		1,360		6,561		855		597		2,783

Table G 28 Continued (9)

Year: 1981 (Han River Basin)

Unit: 10³m

Sub-basin Code No. C.A. km ²	11		12		13		14		15(1)		15(2)		16(1)		16(2)		17		Total 25,944
	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	
1980 O 1	113	2	92	2	71	8	151	8	105	3	34	14	14	19	60				4,907
2	63	1	56	-	88	2	103	2	50	1	16	21	21	27	61				3,690
3	12	-	12	-	9	2	21	2	15	1	6	1	1	1	5				598
N	138	-	138	-	391	-	294	-	69	-	23	99	99	131	253				12,047
D	3	-	4	-	9	-	6	-	1	-	-	2	2	3	5				263
1981 J	24	-	24	-	68	-	52	-	12	-	4	17	17	23	44				2,096
F	51	-	52	-	145	-	108	-	25	-	9	37	37	48	93				4,457
M	33	-	34	-	94	-	70	-	16	-	5	24	24	31	60				2,882
A 1	167	-	170	-	477	4	364	4	92	4	37	117	117	154	300				14,702
2	129	2	109	2	118	8	187	8	115	3	38	25	25	33	89				6,286
3	92	1	76	2	70	7	131	7	85	3	30	14	14	18	55				4,269
M 1	94	1	85	2	117	7	151	7	82	3	30	25	25	32	77				5,129
2	920	11	785	11	956	45	1,370	45	780	13	248	218	218	289	715				46,874
3	1,693	21	1,416	23	1,463	90	2,412	90	1,490	24	470	323	323	428	1,143				80,316
J 1	981	11	849	11	1,135	48	1,509	48	818	16	264	259	259	344	824				52,397
2	1,917	22	1,616	23	1,964	94	2,596	94	1,623	28	535	392	392	520	1,356				90,560
3	1,864	19	1,609	19	2,325	81	2,673	81	1,503	25	499	489	489	648	1,555				96,353
J 1	2,599	8	2,449	8	6,008	33	4,449	33	1,537	10	545	1,370	1,370	1,816	3,686				182,156
2	1,203	6	1,058	6	2,250	25	1,382	25	790	7	307	391	391	518	1,178				60,199
3	777	9	627	10	688	39	728	39	665	11	238	70	70	93	357				27,164
A 1	1,574	9	1,415	10	2,911	37	2,304	37	1,064	11	378	609	609	808	1,749				92,112
2	1,396	7	1,221	8	2,583	29	1,513	29	918	7	361	430	430	569	1,314				66,992
3	1,307	10	1,104	11	1,901	43	1,307	43	966	12	365	278	278	369	958				54,892
S 1	1,258	8	1,073	8	2,045	34	1,212	34	881	10	346	300	300	398	994				53,542
2	725	8	598	8	745	33	871	33	606	9	206	126	126	168	467				31,494
3	284	5	222	6	31	23	331	23	295	7	95	-5	-5	-7	61				9,470
TOTAL	19,417	161	16,894	170	28,662	692	26,295	692	14,603	208	5,089	5,646	5,646	7,481	17,459				1,005,847

Table G 28 Continued (10)

Sub-basin Code No. C.A. km ²	Year: 1986 (Han River Basin)		01(1) 718		01(2) 1,618		02 1,357		03(1) 511		03(2) 650		04(1) 276		04(2) 1,180	
	T	M*	T	M	T	M	T	M	T	M	T	M	T	M	T	M
	Unit: 10 ³ m ³															
1985 0 1	88	1,350	447	315	490	80	-78	857	211	30	52	14	220			
2	86	489	360	116	335	31	115	311	367	11	51	5	217			
3	18	174	63	75	56	28	-6	126	12	10	8	6	35			
N	368	-	1,288	-	1,012	-	920	-	1,886	-	205	-	876			
D	8	-	28	-	22	-	20	-	41	-	5	-	19			
1986 J	64	-	224	-	176	-	160	-	328	-	36	-	152			
F	136	-	476	-	374	-	340	-	697	-	76	-	324			
M	88	-	308	-	242	-	220	-	451	-	49	-	210			
A 1	486	88	1,614	158	1,221	77	1,138	98	2,244	28	259	14	1,103			
2	136	1,304	604	333	608	89	33	868	429	33	77	16	329			
3	98	1,043	415	287	415	83	-11	680	234	31	51	15	219			
M 1	133	791	517	270	470	89	127	567	432	33	73	17	310			
2	999	8,316	4,495	1,977	4,479	483	623	5,576	3,745	185	591	87	2,520			
3	1,559	16,855	7,511	3,917	7,837	941	149	11,207	5,332	359	944	168	4,022			
J 1	1,195	8,391	5,115	2,094	4,932	541	1,055	5,648	4,568	205	691	97	2,947			
2	2,295	17,441	8,623	4,107	8,639	1,016	493	11,485	6,251	387	1,078	181	4,594			
3	2,610	14,927	9,409	3,559	8,928	896	1,840	9,821	8,224	341	1,243	160	5,297			
J 1	6,302	5,396	19,236	1,428	15,612	351	11,046	3,990	24,865	135	2,881	64	12,280			
2	2,904	4,310	6,280	1,102	5,253	265	1,951	3,149	6,007	101	806	47	3,435			
3	1,095	7,634	2,449	1,682	2,616	414	-978	4,730	382	157	223	74	949			
A 1	3,291	6,757	9,493	1,660	8,124	403	3,898	4,716	10,478	153	1,328	72	5,659			
2	3,406	4,961	6,978	1,254	5,841	296	1,934	3,643	6,370	113	874	54	3,724			
3	2,684	7,994	5,479	1,872	4,954	458	303	5,270	3,604	175	620	82	2,641			
S 1	2,883	6,106	5,473	1,489	4,747	362	663	4,211	3,950	138	628	65	2,677			
2	970	6,620	2,968	1,484	2,991	360	-120	4,208	1,788	137	345	65	1,471			
3	82	4,288	739	976	1,014	251	-690	2,648	-285	95	60	45	255			
TOTAL	33,984	125,235	100,592	30,155	91,388	7,514	25,145	83,809	92,611	2,857	13,254	1,348	56,485			

Remarks: M* includes the diversion water to the Incheon area (940 ha).

Table G 28 Continued (11)

Year: 1986 (Han River Basin)

Unit: 10³m³

Sub-basin

Code No.
C.A. km²

Sub-basin Code No. C.A. km ²	05		06(1)		06(2)		07(1)		07(2)		08		09		10(1)		10(2)		10(3)		
	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	
1985 O 1	129	92	86		86		115		119	14	262		13		62		9		6		26
2	274	32	144		144		117		121	6	133		6		25		4		2		11
3	17	14	21		21		21		21	6	56		6		17		3		1		7
N	1,472	-	725		724		473		493	-	230		5		13		-		1		5
D	32	-	16		16		10		11	-	5		0		-		-		-		-
1986 J	256	-	126		126		82		86	-	40		1		2		-		-		1
F	544	-	268		268		175		182	-	85		2		5		-		-		2
M	352	-	174		173		113		118	-	45		1		3		-		-		1
A 1	1,804	14	931		931		604		628	14	386		23		55		7		5		24
2	306	94	178		177		174		181	16	302		15		69		10		6		29
3	172	75	115		114		117		121	15	240		14		59		9		5		26
M 1	343	61	206		205		169		176	17	255		18		62		9		6		26
2	2,666	591	1,438		1,438		1,329		1,383	92	1,770		77		405		58		37		172
3	3,617	1,189	2,012		2,012		2,105		2,190	177	3,614		141		784		115		71		333
J 1	3,347	583	1,800		1,799		1,566		1,629	102	1,955		91		440		64		40		187
2	4,396	1,221	2,436		2,436		2,408		2,506	191	4,034		169		866		122		79		367
3	6,033	1,043	3,219		3,219		2,801		2,915	169	3,860		159		777		106		71		329
J 1	19,306	423	9,604		9,603		6,592		6,861	67	4,488		132		511		42		46		217
2	4,633	334	2,354		2,354		1,806		1,880	50	2,038		79		342		33		31		145
3	130	503	177		176		470		490	78	1,580		73		374		50		34		159
A 1	8,016	501	4,053		4,052		3,010		3,133	76	2,872		100		447		49		41		190
2	4,908	386	2,497		2,497		1,950		2,030	57	2,388		90		397		37		36		169
3	2,676	560	1,445		1,444		1,363		1,419	86	2,421		103		484		55		44		206
S 1	3,004	448	1,581		1,581		1,384		1,441	68	2,236		73		423		44		38		180
2	1,224	448	696		696		761		793	68	1,477		61		321		44		29		136
3	-329	282	-90		-89		125		130	47	702		37		190		29		17		81
TOTAL	69,328	8,894	36,212		36,203		29,840		31,057	1,416	37,474		1,509		7,133		899		646		3,029

Table G 28 Continued (12)

Unit: 10³m

Year: 1986 (Han River Basin)

Sub-basin Code No. C.A. km ²	11		12		13		14		15(1)		15(2)		16(1)		16(2)		17	Total
	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M		
1985 O 1	137	4	111	4	93		155	11	108	5	33		19	26	64		5,887	
2	72	1	62	1	99		107	4	55	2	19		22	30	68		4,064	
3	18	0	16	1	19		27	3	18	1	9		2	3	7		948	
N	139	-	138	-	414		322	-	92	-	41		99	131	299		12,371	
D	3	-	3	-	9		7	-	2	-	1		2	3	7		270	
1986 J	24	-	24	-	72		56	-	16	-	8		17	23	52		2,152	
F	51	-	51	-	153		119	-	34	-	15		37	48	110		4,572	
M	33	-	33	-	99		77	-	22	-	10		24	31	72		2,949	
A 1	177	-	181	4	538		427	7	136	4	67		121	160	366		16,160	
2	154	4	129	4	146		197	12	122	5	39		31	41	99		7,423	
3	111	2	95	5	100		142	11	94	4	33		19	26	62		5,368	
M 1	112	2	99	5	148		172	10	95	4	37		29	39	93		6,250	
2	1,062	23	896	24	1,110		1,404	69	820	25	262		249	329	785		52,726	
3	1,975	44	1,639	47	1,730		2,433	139	1,533	47	474		384	508	1,225		91,605	
J 1	1,133	23	969	27	1,324		1,577	75	879	28	294		294	390	922		59,166	
2	2,189	46	1,827	51	2,237		2,635	146	1,674	52	543		452	599	1,441		101,997	
3	2,099	39	1,788	44	2,601		2,757	126	1,584	45	540		541	717	1,699		106,786	
J 1	2,648	16	2,475	17	6,310		4,759	50	1,797	18	749		1,381	1,830	4,213		187,841	
2	1,215	13	1,053	13	2,279		1,401	39	809	14	322		393	522	1,227		61,064	
3	863	19	688	21	732		691	60	640	21	207		89	118	307		30,293	
A 1	1,648	19	1,463	21	3,060		2,401	59	1,152	21	440		625	829	1,931		96,355	
2	1,400	15	1,204	15	2,592		1,516	44	924	15	368		430	569	1,346		67,413	
3	1,370	21	1,138	23	1,938		1,283	66	950	23	350		292	387	937		57,349	
S 1	1,284	17	1,075	18	2,052		1,189	53	864	19	332		306	405	974		54,603	
2	814	17	669	17	819		866	53	610	18	198		146	193	471		35,033	
3	354	10	278	13	87		326	35	293	12	85		11	14	48		12,246	
TOTAL	21,085	335	18,104	375	30,761		27,046	1,072	15,323	383	5,476		6,015	7,971	18,825		1,082,891	

Table G 28 Continued (13)

Sub-basin Code No. C.A. km ²	Year: 1991 (Han River Basin)		01(1) 718		M*		01(2) 1,618		02 1,357		03(1) 511		03(2) 650		04(1) 276		04(2) 1,180		
	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	
	Unit: 10 ³ m ³																		
1990 O 1	104	2,045	490	347	498	113	498	113	498	113	58	879	222	37	55	19	234		
2	102	829	383	128	349	43	349	43	349	43	123	316	390	15	55	8	232		
3	27	263	82	95	63	41	63	41	63	41	8	139	20	15	11	7	48		
N	437	-	1,357	-	1,104	-	1,104	-	1,104	-	920	-	2,047	-	223	-	450		
D	9	-	30	-	24	-	24	-	24	-	20	-	45	-	5	-	21		
1991 J	76	-	236	-	192	-	192	-	192	-	160	-	356	-	39	-	165		
F	162	-	502	-	408	-	408	-	408	-	340	-	757	-	82	-	352		
M	104	-	325	-	264	-	264	-	264	-	220	-	490	-	53	-	228		
A 1	599	140	1,762	228	1,365	116	1,365	116	1,365	116	1,187	147	2,482	42	292	21	1,224		
2	164	1,789	663	373	630	126	630	126	630	126	57	896	463	42	84	21	357		
3	123	1,491	474	335	437	121	437	121	437	121	21	715	265	41	59	21	249		
M 1	168	1,132	581	324	503	126	503	126	503	126	162	597	482	44	83	23	354		
2	1,175	11,327	4,809	2,155	4,616	680	4,616	680	4,616	680	729	5,678	3,969	221	626	111	2,670		
3	1,819	23,361	8,031	4,241	7,987	1,317	7,987	1,317	7,987	1,317	342	11,391	5,567	427	988	215	4,212		
J 1	1,424	11,477	5,508	2,324	5,132	765	5,132	765	5,132	765	1,199	5,788	4,893	253	743	127	3,168		
2	2,508	24,967	9,127	4,489	8,770	1,429	8,770	1,429	8,770	1,429	714	11,706	6,499	466	1,128	235	4,810		
3	2,895	21,630	9,948	3,911	9,199	1,263	9,199	1,263	9,199	1,263	2,044	10,022	9,681	413	1,315	209	5,606		
J 1	6,989	5,596	20,019	1,560	16,579	499	16,579	499	16,579	499	11,100	4,062	26,681	163	3,085	82	13,150		
2	2,823	4,460	6,276	1,194	5,250	370	5,250	370	5,250	370	1,972	3,204	6,164	121	826	61	3,521		
3	982	12,476	2,453	1,833	2,461	580	2,461	580	2,461	580	-903	4,815	183	189	209	96	893		
A 1	3,496	8,279	9,809	1,801	8,418	564	8,418	564	8,418	564	3,961	4,794	11,089	183	1,401	93	5,971		
2	3,251	5,125	6,900	1,349	5,771	412	5,771	412	5,771	412	1,946	3,692	6,456	133	885	67	3,773		
3	2,505	11,279	5,435	2,041	4,799	643	4,799	643	4,799	643	368	5,371	3,501	210	616	106	2,627		
S 1	2,671	7,644	5,366	1,621	4,584	509	4,584	509	4,584	509	701	4,289	3,856	166	623	83	2,655		
2	978	10,137	3,081	1,614	2,972	505	2,972	505	2,972	505	-50	4,285	1,788	165	352	82	1,502		
3	99	7,167	827	1,079	985	354	985	354	985	354	-627	2,706	-345	116	60	60	258		
TOTAL	35,690	172,614	104,474	33,042	93,360	10,576	93,360	10,576	93,360	10,576	26,656	85,492	97,046	3,462	13,897	1,747	59,230		

Remarks: M* includes the diversion water to the Incheon area (940 ha) and Gimpo tideland reclamation area (3,600 ha).

Table G 28 Continued (14)

Year: 1991 (Han River Basin)

Unit: 10³ m³

Sub-basin Code No. C.A. km ²	05 940		06(1) 679		06(2) 669		07(1) 1,193		07(2) 1,259		08 1,769		09 719		10(1) 1,134		10(2) 101		10(3) 473		
	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T
1990 O 1	149	104	96		96		124		130		21		14		69		11		6		29
2	290	37	158		158		124		130		8		5		28		4		3		11
3	33	16	33		33		28		29		7		7		22		4		2		10
N	1,541	-	794		793		507		528		-		5		13		-		1		5
D	33	-	18		17		11		12		-		0		-		-		-		-
1991 J	268	-	138		138		88		92		-		1		2		-		-		1
F	570	-	294		293		187		195		-		2		5		-		-		2
M	368	-	190		190		122		126		-		1		3		-		-		1
A 1	1,952	21	1,065		1,065		676		704		21		30		77		11		7		32
2	341	106	202		201		191		199		23		17		78		12		7		33
3	212	85	141		140		135		141		22		18		71		11		6		31
M 1	395	71	247		247		195		203		23		23		76		13		7		32
2	2,842	659	1,555		1,554		1,412		1,469		123		81		438		61		40		186
3	3,859	1,320	2,143		2,142		2,215		2,306		239		153		843		118		77		358
J 1	3,601	675	1,990		1,990		1,687		1,755		139		101		490		68		45		207
2	4,661	1,360	2,597		2,597		2,536		2,640		259		182		937		129		85		398
3	6,378	1,165	3,476		3,475		2,970		3,091		230		169		845		113		77		358
J 1	20,101	450	10,405		10,405		6,992		7,278		91		131		528		45		48		224
2	4,685	372	2,433		2,433		1,846		1,921		67		74		348		33		32		147
3	85	559	113		112		454		472		105		82		397		53		36		169
A 1	8,304	556	4,333		4,332		3,160		3,288		102		98		466		52		42		198
2	4,913	426	2,543		2,542		1,971		2,051		74		82		399		37		36		169
3	2,647	625	1,432		1,432		1,364		1,420		117		103		504		58		46		214
S 1	2,954	498	1,566		1,565		1,378		1,434		92		90		434		46		39		185
2	1,266	497	716		716		784		816		91		67		342		45		31		145
3	-304	315	-95		-95		135		141		65		46		212		32		19		90
TOTAL	72,144	9,917	38,583		38,571		31,292		32,571		1,919		1,582		7,627		956		692		3,235

Table G 28 Continued (15)

Unit: 10³m³

Year: 1991 (Han River Basin)

Sub-basin Code No. C.A. km ²	11		12		13		14		15(1)		15(2)		16(1)		16(2)		17		Total 25,944
	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	
1990 O 1	158	4	121	6	103	157	15	115	8	34	21	27	83	6,989					
2	79	2	69	2	109	116	6	58	3	23	25	32	76	4,684					
3	24	0	21	2	27	34	5	24	2	10	3	4	14	1,295					
N	138	-	161	-	460	368	-	92	-	69	109	144	299	13,341					
D	3	-	3	-	10	8	-	2	-	2	3	3	6	291					
1991 J	24	-	28	-	80	64	-	16	-	12	19	25	52	2,320					
F	51	-	59	-	170	136	-	34	-	26	40	54	110	4,933					
M	33	-	38	-	110	88	-	22	-	17	26	35	71	3,191					
A 1	188	-	221	4	625	511	11	150	7	110	137	181	380	18,320					
2	177	4	143	6	165	209	16	134	9	41	34	45	120	8,536					
3	134	3	107	6	120	156	15	106	8	34	22	30	83	6,491					
M 1	131	3	115	6	176	194	16	108	8	45	34	45	110	7,433					
2	1,207	28	984	35	1,211	1,469	96	875	48	270	268	355	909	59,171					
3	2,261	55	1,784	69	1,864	2,492	186	1,637	96	450	407	540	1,472	103,069					
J 1	1,283	28	1,077	38	1,469	1,685	103	945	54	320	320	424	1,058	66,848					
2	2,460	57	1,966	73	2,385	2,717	198	1,778	103	534	477	633	1,684	114,861					
3	2,328	48	1,943	63	2,803	2,904	173	1,677	89	576	577	766	1,909	119,753					
J 1	2,682	19	2,744	25	6,845	5,284	69	1,810	35	1,066	1,493	1,980	4,263	199,788					
2	1,211	16	1,064	19	2,329	1,449	52	803	27	364	403	534	1,247	62,397					
3	941	24	687	30	700	638	81	669	42	164	80	106	387	35,161					
A 1	1,713	24	1,572	30	3,255	2,578	80	1,174	41	541	665	882	2,002	102,258					
2	1,384	19	1,200	22	2,617	1,541	60	912	30	404	435	576	1,360	68,098					
3	1,412	26	1,131	33	1,928	1,257	90	966	46	336	287	380	1,000	60,953					
S 1	1,259	21	1,055	26	2,035	1,166	72	865	37	331	300	398	1,007	55,993					
2	899	21	700	25	842	867	71	641	37	183	149	198	552	39,748					
3	424	13	293	18	93	314	48	323	25	61	10	13	110	15,852					
TOTAL	22,604	415	19,286	538	32,531	28,409	1,463	15,936	755	6,023	6,344	8,410	20,364	1,182,057					

Table G 28 Continued (16)

Sub-basin Code No. C.A. km ²	Year: 1996 (Han River Basin)		01(1) 718		01(2) 1,618		02 1,357		03(1) 511		03(2) 650		04(1) 270		04(2) 1,180	
	T	M*	T	M	T	M	T	M	T	M	T	M	T	M	T	M
	Unit: 10 ³ m ³															
1995 O 1	141	2,098	553	384	492	145	-37	903	231	45	54	20	230			
2	116	847	409	141	364	55	130	320	412	18	58	8	247			
3	44	277	107	119	71	54	21	151	30	19	13	9	57			
N	437	-	1,403	-	1,196	-	920	-	2,185	-	249	-	1,062			
D	9	-	30	-	26	-	20	-	47	-	5	-	23			
1996 J	76	-	244	-	208	-	160	-	380	-	43	-	185			
F	161	-	518	-	442	-	340	-	807	-	92	-	392			
M	104	-	335	-	286	-	220	-	522	-	59	-	254			
A 1	652	175	1,901	315	1,506	154	1,236	196	2,694	56	335	28	1,427			
2	206	1,846	741	420	654	163	78	925	495	51	87	23	372			
3	167	1,543	552	389	460	158	52	750	296	51	62	23	268			
M 1	216	1,179	661	389	532	168	199	629	526	56	92	28	391			
2	1,383	11,647	5,223	2,343	4,756	878	835	5,777	4,168	260	645	118	2,749			
3	2,214	23,992	8,771	4,579	8,145	1,698	531	11,567	5,784	499	989	223	4,218			
J 1	1,671	11,823	6,006	2,577	5,338	992	1,341	5,923	5,160	302	782	138	3,334			
2	2,862	25,635	9,851	4,898	8,913	1,845	932	11,923	6,733	550	1,139	249	4,854			
3	3,204	22,210	10,646	4,292	9,462	1,632	2,247	10,217	9,092	491	1,366	224	5,825			
J 1	6,926	5,827	20,588	1,702	17,561	643	11,151	4,131	28,248	192	3,380	87	14,408			
2	2,662	4,639	6,259	1,290	5,267	478	1,992	3,256	6,309	141	855	63	3,645			
3	1,023	12,748	2,565	1,995	2,318	749	-830	4,899	21	223	169	101	723			
A 1	3,491	8,546	10,107	1,950	8,725	727	4,022	4,871	11,625	215	1,495	97	6,372			
2	3,027	5,324	6,811	1,445	5,725	532	1,957	3,738	6,541	154	904	69	3,856			
3	2,408	11,584	5,465	2,220	4,665	831	428	5,470	3,428	247	598	112	2,551			
S 1	2,499	7,887	5,298	1,759	4,443	657	739	4,365	3,791	194	611	88	2,607			
2	1,059	10,379	3,275	1,750	2,961	653	17	4,359	1,796	192	342	87	1,460			
3	213	7,326	991	1,192	958	456	-563	2,764	-393	140	44	64	187			
TOTAL	36,971	177,532	107,310	36,149	95,474	13,668	28,138	87,134	100,928	4,096	14,468	1,859	61,697			

Remarks: M* includes the diversion water to the Incheon areas (940 ha) and Gimpo tideland reclamation area (3,600 ha).

Table G.28 Continued (17)

Year: 1996 (Han River Basin)

Unit: 10³ m³

Sub-basin Code No. C.A. km ²	05		06(1)		06(2)		07(1)		07(2)		08		09		10(1)		10(2)		10(3)	
	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M
1995 O 1	174	127	126	126	126	126	127	132	31	302	16	27	79	11	7	33				
2	299	45	172	172	172	172	132	138	11	158	7	10	32	4	3	14				
3	50	22	50	49	49	36	36	37	10	88	11	11	29	5	3	12				
N	1,587	-	817	816	816	552	552	575	-	297	5	-	12	-	1	5				
D	34	-	18	17	17	12	12	12	-	7	-	-	-	-	-	-				
1996 J	277	-	142	142	142	96	100	100	-	52	1	-	3	-	-	1				
F	586	-	302	302	302	204	212	212	-	111	2	-	4	-	-	2				
M	379	-	195	195	195	132	137	137	-	72	1	-	3	-	-	1				
A 1	2,074	28	1,147	1,147	1,147	761	793	793	28	590	40	35	96	14	9	41				
2	379	130	241	240	240	203	211	211	34	363	21	31	89	13	8	38				
3	255	106	182	182	182	150	157	157	31	313	22	31	85	12	8	36				
M 1	448	89	295	295	295	219	227	227	34	348	29	35	92	15	8	40				
2	3,015	808	1,751	1,750	1,750	1,468	1,528	1,528	183	2,225	89	160	490	63	45	207				
3	4,192	1,616	2,485	2,484	2,484	2,266	2,359	2,359	356	4,025	158	307	938	121	85	398				
J 1	3,845	828	2,237	2,236	2,236	1,787	1,859	1,859	203	2,529	116	186	557	73	51	236				
2	4,939	1,666	2,960	2,960	2,960	2,597	2,702	2,702	384	4,521	196	339	1,041	134	95	441				
3	6,699	1,428	3,836	3,835	3,835	3,097	3,224	3,224	338	4,400	189	302	941	119	86	399				
J 1	20,622	577	10,733	10,733	10,733	7,494	7,800	7,800	134	5,412	139	118	549	47	50	233				
2	4,685	455	2,476	2,475	2,475	1,878	1,955	1,955	100	2,206	77	87	352	34	32	149				
3	72	685	191	190	190	391	407	407	157	1,629	81	137	430	55	39	183				
A 1	8,502	681	4,510	4,510	4,510	3,321	3,456	3,456	153	3,247	103	132	493	53	45	209				
2	4,865	522	2,564	2,564	2,564	1,978	2,059	2,059	112	2,463	84	95	397	38	36	169				
3	2,615	765	1,493	1,493	1,493	1,323	1,376	1,376	174	2,504	107	152	530	60	48	225				
S 1	2,889	610	1,506	1,506	1,506	1,339	1,393	1,393	137	2,280	93	120	446	47	41	188				
2	1,319	609	813	813	813	776	808	808	136	1,596	67	119	373	47	34	158				
3	-255	387	-13	-12	-12	122	126	126	95	790	48	86	242	34	22	103				
TOTAL	74,546	12,184	41,229	41,220	41,220	32,461	33,783	33,783	2,841	42,528	1,702	2,520	8,303	999	756	3,521				

Table G 28 Continued (18)

Year: 1996 (Han River Basin)

Unit: 10³m³

Sub-basin Code No. C.A. km ²	11		12		13		14		15(1)		15(2)		16(1)		16(2)		17		Total 25,944
	638		780		1,473		1,034		1,660		1,043		447		583		3,040		
	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	
1995 O 1	175	5	135	8	117	19	168	19	115	8	37	25	34	79	7,502				
2	88	2	74	4	121	7	119	7	63	3	25	26	34	81	4,969				
3	27	0	24	3	35	6	42	6	25	2	13	5	7	15	1,589				
N	161	-	161	-	506	-	368	-	138	-	69	109	144	345	14,120				
D	4	-	3	-	11	-	8	-	3	-	2	2	3	7	303				
1996 J	28	-	28	-	88	-	64	-	24	-	12	19	25	60	2,458				
F	60	-	60	-	187	-	136	-	51	-	26	40	53	127	5,217				
M	39	-	38	-	121	-	88	-	33	-	17	26	34	82	3,373				
A 1	224	-	231	7	712	14	542	14	219	7	120	141	187	446	20,328				
2	197	5	159	9	188	21	222	21	137	9	50	40	52	122	9,273				
3	149	3	120	8	143	19	173	19	110	8	42	28	36	85	7,265				
M 1	148	3	128	9	207	20	215	20	119	8	54	38	51	120	8,360				
2	1,328	33	1,068	48	1,339	119	1,509	119	897	48	307	297	393	929	62,879				
3	2,477	66	1,949	95	2,051	234	2,563	234	1,619	96	522	467	618	1,452	109,209				
J 1	1,423	33	1,168	54	1,641	129	1,747	129	997	54	366	353	469	1,106	71,670				
2	2,669	68	2,126	102	2,583	249	2,799	249	1,770	103	608	537	712	1,671	121,356				
3	2,540	57	2,079	89	3,047	217	2,986	217	1,743	89	641	630	835	1,970	126,724				
J 1	2,974	23	2,762	35	7,386	87	5,300	87	2,316	35	1,080	1,511	2,004	4,767	209,765				
2	1,244	19	1,060	27	2,377	66	1,450	66	844	27	367	412	545	1,286	63,541				
3	970	28	733	42	683	102	662	102	587	42	189	101	135	303	35,928				
A 1	1,852	28	1,608	41	3,462	100	2,595	100	1,326	41	560	685	909	2,153	107,018				
2	1,403	22	1,187	30	2,639	75	1,534	75	933	30	404	443	588	1,381	68,698				
3	1,438	31	1,155	46	1,925	113	1,277	113	917	46	353	307	408	950	61,838				
S 1	1,213	25	1,056	36	2,018	90	1,174	90	828	37	330	314	416	970	56,040				
2	956	25	750	36	881	90	889	90	614	37	207	169	225	523	41,400				
3	459	15	339	25	112	60	342	60	287	25	81	25	33	73	17,030				
TOTAL	24,246	491	20,201	754	34,580	28,972	1,837	16,715	755	6,482	6,750	8,950	21,103	1,237,853					

Table G 28 Continued (19)

Unit: 10³ m³

Year: 2001 (Han River Basin)

Sub-basin Code No. C.A. km ²	01(1) 718		M*		01(2) 1,681		02 1,357		03(1) 511		03(2) 650		04(1) 270		04(2) 1,180	
	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M
2000 O 1	161	2,142	580	419	522	205	-17	925	254	47	53	23	226			
2	134	862	425	153	375	77	137	324	434	18	62	9	264			
3	56	290	123	139	80	70	35	164	42	22	16	11	66			
N	506	-	1,472	-	1,242	-	920	-	2,300	-	280	-	1,192			
D	11	-	32	-	37	-	20	-	50	-	6	-	26			
2001 J	88	-	256	-	216	-	160	-	400	-	49	-	207			
F	187	-	544	-	459	-	340	-	851	-	103	-	441			
M	121	-	352	-	297	-	220	-	551	-	67	-	285			
A 1	782	210	2,049	385	1,597	193	1,285	245	2,880	70	383	35	1,631			
2	240	1,894	784	463	680	227	111	953	536	55	91	27	388			
3	200	1,588	597	438	487	215	82	786	337	57	67	28	285			
M 1	263	1,220	715	442	564	221	234	659	578	64	101	32	431			
2	1,571	11,911	5,423	2,526	4,888	1,240	938	5,879	4,423	270	668	133	2,847			
3	2,487	24,507	9,064	4,916	8,341	2,412	716	11,747	6,135	512	994	252	4,236			
J 1	1,925	12,113	6,286	2,812	5,518	1,383	1,480	6,061	5,529	322	827	159	3,524			
2	3,104	26,185	10,146	5,293	9,065	2,601	1,146	12,138	7,106	574	1,151	283	4,905			
3	3,518	22,691	11,009	4,654	9,658	2,291	2,445	10,415	9,591	517	1,426	255	6,077			
J 1	7,622	6,017	21,345	1,839	17,968	906	11,202	4,201	29,610	201	3,722	99	15,867			
2	2,586	4,784	6,257	1,386	5,147	679	2,011	3,309	6,472	144	886	71	3,779			
3	922	12,971	2,509	2,151	2,218	1,057	-759	4,983	-44	231	121	114	518			
A 1	3,704	8,764	10,373	2,096	8,825	1,030	4,081	4,948	12,138	221	1,602	109	6,831			
2	2,874	5,485	6,745	1,542	5,531	757	1,966	3,786	6,657	156	924	77	3,937			
3	2,240	11,834	5,389	2,395	4,483	1,175	494	5,569	3,442	256	574	126	2,447			
S 1	2,295	8,085	5,189	1,896	4,226	930	774	4,443	3,793	201	594	99	2,532			
2	1,076	10,576	3,322	1,885	2,959	924	83	4,436	1,866	199	330	98	1,409			
3	239	7,459	1,026	1,297	978	640	-502	2,821	-387	148	24	73	104			
TOTAL	38,912	181,588	112,012	39,127	96,361	19,233	29,602	88,792	105,544	4,285	15,121	2,113	64,455			

Remarks: M* includes the diversion water to the Incheon area (940 ha) and Gimpo tideland reclamation area (3,600 ha).

Table G 28 Continued (20)

Year: 2001 (Han River Basin)

Unit: 10³ m³

Sub-basin Code No. C.A. km ²	05		06(1)		06(2)		07(1)		07(2)		08		09		10(1)		10(2)		10(3)		
	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T
2000 O 1	196	138	145	144	135	140	40	325	17	31	86	12	8	36							
2	321	48	186	185	140	145	15	169	8	16	36	5	3	15							
3	67	24	63	63	44	45	13	105	13	13	35	6	3	15							
N	1,656	-	863	862	586	610	-	322	5	-	12	-	1	5							
D	36	-	19	19	13	13	-	7	0	-	-	-	-	-							
2001 J	288	-	150	150	102	106	-	56	1	-	3	-	-	1							
F	612	-	319	319	217	225	-	119	2	-	4	-	-	2							
M	396	-	207	206	140	146	-	77	1	-	3	-	-	1							
A 1	2,222	35	1,255	1,255	834	868	35	679	47	46	117	18	11	50							
2	416	142	270	270	218	227	44	397	22	36	99	14	9	42							
3	296	117	215	215	168	174	41	350	26	37	97	15	9	41							
M 1	501	112	339	339	244	253	43	396	32	43	107	16	10	45							
2	3,193	877	1,894	1,894	1,537	1,599	245	2,369	94	178	525	66	48	222							
3	4,367	1,753	2,694	2,693	2,344	2,440	477	4,261	169	338	997	125	91	422							
J 1	4,101	903	2,439	2,439	1,893	1,971	271	2,729	127	211	607	79	55	258							
2	5,207	1,810	3,198	3,198	2,695	2,806	512	4,794	202	380	1,114	141	101	473							
3	7,046	1,552	4,122	4,122	3,242	3,374	450	4,704	200	340	1,011	127	92	429							
J 1	21,417	626	11,294	11,294	7,885	8,206	178	5,734	138	132	568	49	52	240							
2	4,739	494	2,538	2,538	1,910	1,988	134	2,260	72	95	357	35	32	152							
3	29	743	191	191	362	377	209	1,685	89	153	455	57	41	193							
A 1	8,791	738	4,733	4,733	3,457	3,599	204	3,409	101	147	513	55	47	217							
2	4,871	565	2,600	2,599	1,990	2,071	151	2,500	77	103	400	38	36	170							
3	2,588	831	1,514	1,513	1,310	1,363	232	2,570	107	169	550	63	50	234							
S 1	2,842	663	1,592	1,591	1,322	1,375	183	2,320	89	133	458	50	42	194							
2	1,364	662	865	864	788	820	182	1,670	72	131	395	49	36	168							
3	-229	420	44	43	126	131	126	849	55	97	265	37	24	112							
TOTAL	77,333	13,253	43,749	43,739	33,702	35,072	3,785	44,856	1,766	2,829	8,814	1,057	801	3,737							

Table G 28 Continued (21)

Unit: 10³m³

Year: 2001 (Han River Basin)

Sub-basin Code No. C.A. km ²	11		12		13		14		15(1)		15(2)		16(1)		16(2)		17		Total 25,944
	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	
2000 O 1	199	6	146	10	131	20	172	20	125	10	44	44	27	27	36	91	8,010		
2	97	2	81	4	133	8	124	8	67	4	27	27	28	28	37	89	5,267		
3	33	0	28	3	45	7	50	7	30	4	16	16	6	6	8	19	1,872		
N	161	-	184	-	552	-	391	-	138	-	69	69	119	119	157	368	14,973		
D	4	-	4	-	13	-	8	-	3	-	2	2	3	3	3	8	337		
2001 J	28	-	32	-	96	-	68	-	24	-	12	12	21	21	27	64	2,605		
F	60	-	68	-	205	-	144	-	51	-	25	25	44	44	58	136	5,535		
M	39	-	44	-	133	-	93	-	33	-	17	17	28	28	38	88	3,583		
A 1	235	-	271	7	799	18	600	18	233	11	131	131	157	157	208	486	22,373		
2	222	6	173	11	211	22	232	22	149	11	57	57	43	43	56	139	9,987		
3	171	4	134	10	166	21	187	21	122	11	50	50	31	31	40	99	8,014		
M 1	167	4	144	9	239	22	235	22	131	12	63	63	43	43	56	137	9,266		
2	1,478	38	1,157	59	1,467	121	1,544	121	956	63	346	346	316	316	419	1,028	66,450		
3	2,770	78	2,092	117	2,239	237	2,593	237	1,735	121	579	579	490	490	650	1,617	114,808		
J 1	1,579	36	1,275	65	1,813	134	1,814	134	1,068	70	412	412	379	379	503	1,224	76,394		
2	2,954	80	2,264	124	2,780	255	2,857	255	1,886	132	685	685	562	562	746	1,838	127,491		
3	2,784	67	2,234	108	3,293	224	3,080	224	1,845	116	710	710	667	667	884	2,147	133,517		
J 1	3,026	37	3,031	43	7,929	89	5,586	89	2,332	46	1,094	1,094	1,622	1,622	2,151	5,055	220,453		
2	1,259	22	1,072	33	2,424	67	1,498	67	844	34	369	369	421	421	558	1,322	64,778		
3	1,062	33	731	51	664	104	651	104	620	53	212	212	92	92	122	320	36,482		
A 1	1,931	33	1,715	50	3,670	102	2,702	102	1,352	52	580	580	725	725	961	2,281	111,620		
2	1,411	25	1,181	37	2,660	75	1,575	75	925	38	404	404	448	448	593	1,405	69,385		
3	1,506	37	1,148	56	1,921	116	1,295	116	937	59	373	373	303	303	401	970	62,640		
S 1	1,325	29	1,034	45	2,000	92	1,194	92	832	47	347	347	308	308	409	977	56,550		
2	1,051	29	780	45	918	91	897	91	649	46	230	230	172	172	229	567	42,933		
3	532	18	360	30	131	63	343	63	319	32	103	103	24	24	32	97	18,104		
TOTAL	26,084	584	21,383	917	36,632	29,933	1,888	17,406	972	6,957	7,079	9,382	22,572	1,293,427					

Table G 29 NET AGRICULTURAL WATER WITHDRAWAL IN THE NAGDONG RIVER BASIN

Year: 1968 (NSB)

Sub-basin Code No. C.A. km ²	Year: 1968 (NSB)												Unit: 10 ³ m ³						
	01		02		03		04		05(1)		06(1)		06(2)		06(3)		06(4)		
	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	Sub-total
1967 O 1	271	287	121	-116	188	430	406	49	327	1,096	1,384	2,130	6,573						
2	266	455	984	626	92	2,615	197	1,838	160	1,735	1,823	2,182	12,973						
3	87	95	76	18	32	188	92	153	58	278	354	478	1,909						
N	172	518	1,555	1,180	-	4,003	-	2,880	-	1,872	1,728	1,455	15,363						
D	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
1968 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
F	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
M	34	100	303	230	-	779	-	560	-	364	336	283	2,989						
A 1	50	55	36	23	4	42	42	82	11	63	101	59	568						
2	77	198	552	418	1	1,404	14	1,027	4	671	634	525	5,525						
3	74	95	95	40	32	227	90	141	58	260	317	371	1,800						
M 1	81	108	143	96	13	315	67	271	27	233	280	239	1,873						
2	142	260	536	367	41	1,361	115	949	74	833	868	864	6,410						
3	305	394	350	74	192	944	446	375	337	1,294	1,563	2,063	8,337						
J 1	678	1,122	1,893	1,088	348	4,965	797	2,998	610	3,858	4,219	4,921	27,497						
2	539	666	481	15	350	1,311	813	389	614	2,166	2,673	3,610	13,627						
3	1,015	1,638	2,609	1,408	569	6,897	1,273	3,954	994	5,714	6,320	7,600	39,991						
J 1	680	983	1,627	894	278	4,312	654	2,948	489	3,510	3,919	4,946	25,240						
2	1,380	2,530	6,449	4,468	194	16,978	444	12,957	342	9,759	9,886	11,274	76,661						
3	907	999	1,427	572	313	4,046	708	3,279	547	4,077	4,777	7,101	28,753						
A 1	1,055	1,466	3,163	1,918	237	8,597	512	6,859	413	6,056	6,543	8,783	45,602						
2	937	1,242	2,594	1,518	221	7,110	470	5,739	383	5,217	5,696	7,852	38,979						
3	768	823	1,035	325	304	2,985	676	2,328	529	3,362	3,997	6,036	23,168						
S 1	474	565	620	157	260	1,784	566	1,050	452	2,179	2,587	3,734	14,428						
2	425	535	614	177	250	1,748	539	953	435	2,048	2,407	3,401	13,532						
3	453	617	734	267	274	2,015	608	1,040	477	2,203	2,565	3,413	14,666						
TOTAL	10,867	15,751	27,997	15,763	4,193	75,056	9,529	52,819	7,341	58,848	64,977	83,320	426,464						

Table G 29 Continued (2)

Unit: 10³m³

Year: 1968 (CSB)

Sub-basin Code No. C.A. km ²	05		06(1)		06(2)		07		08		09		10	
	T	M	T	M	T	M	T	M	T	M	T	M	T	M
1967 O 1	1,093	934	2,847	43	3,580	108	2,272	1,204	2,247	822	2,294	431	2,294	431
2	1,686	594	3,706	26	2,839	171	4,090	1,556	2,294	431	2,294	431	2,294	431
3	715	276	2,142	11	1,213	65	1,771	616	994	275	994	275	994	275
N	1,944	-	3,672	-	1,112	227	5,670	1,663	1,690	-	1,690	-	1,690	-
D	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1968 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M 1	1,656	-	3,128	-	948	193	4,830	1,417	1,440	-	1,440	-	1,440	-
A 1	432	36	833	-	278	46	1,432	339	412	68	412	68	412	68
2	1,021	13	1,934	-	395	117	3,038	862	900	24	900	24	900	24
3	27	27	65	-	39	-	212	-	52	52	52	52	52	52
M 1	457	90	939	2	429	49	1,598	371	504	96	504	96	504	96
2	383	297	1,052	11	1,023	48	1,509	415	721	108	721	108	721	108
3	-76	177	24	5	334	-14	210	-75	152	148	152	148	152	148
J 1	1,498	383	3,220	12	1,781	172	5,103	1,324	1,789	236	1,789	236	1,789	236
2	481	2,060	3,403	90	6,442	126	3,041	1,389	3,211	264	3,211	264	3,211	264
3	7,376	3,510	18,260	156	14,933	933	23,960	8,098	11,207	292	11,207	292	11,207	292
J 1	3,232	1,367	7,381	57	5,888	388	9,933	3,244	4,658	240	4,658	240	4,658	240
2	12,342	1,024	21,271	43	10,306	1,197	30,125	9,887	12,180	164	12,180	164	12,180	164
3	4,901	1,415	2,267	62	7,293	307	7,729	3,577	6,263	180	6,263	180	6,263	180
A 1	2,833	1,339	4,229	59	5,893	147	3,438	2,139	4,357	112	4,357	112	4,357	112
2	17,237	1,001	31,121	45	13,140	1,828	45,325	14,354	16,414	44	16,414	44	16,414	44
3	604	1,362	483	62	4,690	-71	-2,200	424	2,436	80	2,436	80	2,436	80
S 1	-853	1,198	-767	54	3,239	-105	3,035	-326	911	76	911	76	911	76
2	570	1,107	1,929	50	3,785	68	1,253	898	2,025	52	2,025	52	2,025	52
3	-2,201	1,324	2,710	59	2,776	-222	-5,842	-1,279	-105	120	-105	120	-105	120
TOTAL	57,358	19,534	115,439	847	92,556	5,838	145,462	52,097	76,742	3,984	76,742	3,984	76,742	3,984

Table G 29 Continued (3)

Year: 1968 (CSB) Unit: 10³m³

Sub-basin Code No. C.A. km ²	11		12		13		14		Sub-total
	781	T	925	T	401	T	808	M	
1967 O 1	1,838		2,295		780		1,674	291	22,028
2	1,651		1,907		763		2,097	183	24,094
3	685		868		322		843	78	10,874
N	956		745		486		2,127	-	20,292
D	-		-		-		-	-	-
1968 J	-		-		-		-	-	-
F	-		-		-		-	-	-
M	814		-		414		1,813	-	16,653
A 1	200		712		102		438	2	5,330
2	498		179		253		1,105	1	10,540
3	4		445		3		4	1	931
M 1	262		331		124		482	14	5,748
2	501		647		190		546	79	7,530
3	73		276		13		-81	35	1,201
J 1	1,055		1,229		469		1,721	88	20,080
2	2,856		3,634		937		1,857	613	30,404
3	8,241		8,709		3,287		10,489	1,067	120,578
J 1	3,283		3,687		1,383		4,256	398	49,395
2	7,476		7,916		3,985		13,167	300	131,383
3	4,371		5,936		2,368		5,182	421	57,272
A 1	3,273		4,594		1,695		3,200	407	37,715
2	9,937		9,487		5,146		18,789	310	184,178
3	2,211		3,555		1,080		932	418	16,076
S 1	1,204		1,968		386		-278	368	4,040
2	1,793		2,306		690		1,265	342	18,133
3	654		1,450		16		-1,560	401	-7,119
TOTAL	53,836		62,876		24,892		70,068	5,817	787,356

Table G 29 Continued (4)

Unit: 10 m³

Year: 1968 (SSB)

Sub-basin Code No. C.A. km ²	15(1) 1,266		15(2) 755		15(3) 264		16 1,181		17 997		18 921		19 1,447		Sub- total SSB	TOTAL 23,656 Whole Basin
	T	M	T	M	T	M	T	M	T	M	T	M	T	M		
1967 O 1	4,440	386	2,717	29	954	3,937	1,954	7,655	1,491	2,749	5,437	5,267	37,016	65,617		
2	3,229	252	1,922	20	700	3,108	1,280	5,382	976	2,133	3,541	3,807	26,350	63,417		
3	1,349	125	836	12	294	1,167	645	2,317	491	814	1,750	1,768	11,568	24,351		
N	1,885	-	871	-	306	3,044	-	4,203	-	1,623	-	3,074	15,006	50,661		
D	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1968 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
F	186	-	85	-	30	299	-	413	-	159	-	303	1,475	1,475		
M	1,731	-	799	-	281	2,794	-	3,858	-	1,489	-	2,823	13,775	33,417		
A 1	723	1	338	1	119	1,175	11	1,606	8	620	8	1,265	5,875	11,773		
2	251	-	117	-	41	407	3	557	2	215	2	433	2,028	18,093		
3	8	1	6	1	2	17	7	14	5	5	5	68	139	2,870		
M 1	26	3	19	3	7	55	23	44	17	17	17	220	451	8,072		
2	5,493	74	2,647	6	930	8,252	374	11,905	285	4,506	1,037	8,653	44,162	58,102		
3	3	20	33	3	12	-140	107	-86	81	-57	266	39	281	9,819		
J 1	242	22	150	5	53	256	126	433	95	144	280	575	2,381	49,958		
2	2,324	490	1,808	37	635	-333	2,489	2,948	1,887	547	6,917	1,737	21,496	65,527		
3	8,215	977	5,260	71	1,848	5,022	4,945	13,814	3,771	4,126	13,811	9,041	70,901	231,470		
J 1	3,520	289	2,163	23	760	3,260	1,472	5,968	1,122	2,244	4,070	4,230	29,121	103,756		
2	8,976	240	4,838	19	1,700	12,458	1,222	17,106	931	7,295	3,387	12,403	70,575	278,619		
3	10,555	265	5,804	21	2,039	14,774	1,345	19,420	1,025	8,747	3,727	14,111	81,833	167,858		
A 1	5,745	257	3,534	19	1,241	7,054	1,300	8,913	992	4,600	3,632	6,319	43,606	126,923		
2	5,634	231	3,357	16	1,180	7,091	1,170	9,262	892	4,502	3,272	6,556	43,163	266,320		
3	2,378	318	1,914	23	673	1,130	1,611	1,979	1,228	1,393	4,497	1,152	18,296	57,540		
S 1	571	281	739	20	259	-1,440	1,421	-307	1,085	-295	3,970	-534	5,770	24,238		
2	5,116	214	3,000	15	1,054	6,417	1,074	8,677	820	4,037	3,015	6,101	39,540	71,205		
3	1,551	257	1,176	19	413	344	1,300	1,869	991	639	3,631	1,091	13,281	20,828		
TOTAL	74,156	4,703	44,133	363	15,531	80,147	23,879	127,950	18,205	52,252	66,272	90,502	598,089	1,811,909		

Table G 29 Continued (5)

Unit: 10³m³

Year: 1976 (NSB)

Sub-basin Code No. C.A. km ²	01		02		03		04		05(1)		06(1)		06(2)		06(3)		06(4)		Sub-total 1,101	NSB
	1,105		479		1,230		604		1,354		530		826		733		1,101			
	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M		
1975 O 1	152	136	30	78	-552	738	-11	173	449	579	805	2,494								
2	135	206	464	17	1,180	155	1,054	37	774	882	1,037	6,246								
3	89	100	74	10	66	105	157	27	147	218	158	1,197								
N	260	720	1,944	-	5,616	-	3,974	-	2,534	2,808	2,664	22,004								
D	-	-	-	-	-	-	-	-	-	-	-	-								
1976 J	-	-	-	-	-	-	-	-	-	-	-	-								
F	-	-	-	-	-	-	-	-	-	-	-	-								
M	50	140	378	-	1,092	-	773	-	493	546	518	4,278								
A 1	109	118	78	6	76	78	183	21	141	225	134	1,222								
2	153	320	703	32	1,761	311	1,376	74	1,062	1,222	1,193	8,709								
3	96	97	25	30	-218	284	1	68	161	238	229	999								
M 1	171	211	203	38	188	378	374	92	444	595	531	3,339								
2	388	626	3,374	195	1,301	1,834	1,545	429	2,112	2,506	2,732	17,579								
3	602	785	683	412	-1,190	3,886	440	909	2,679	3,298	3,909	16,497								
J 1	871	1,412	2,341	347	3,964	3,368	4,107	778	4,637	5,494	5,867	34,525								
2	1,105	1,346	1,264	654	-1,443	6,182	1,435	1,449	4,740	5,818	7,155	29,898								
3	1,132	1,723	2,672	491	3,761	4,665	4,509	1,097	5,754	6,842	7,593	41,707								
J 1	936	1,365	2,132	383	3,049	3,638	3,779	855	4,664	5,540	6,323	33,808								
2	1,671	3,206	7,680	261	20,031	2,479	16,261	582	11,961	13,517	14,773	97,742								
3	980	1,097	1,464	404	980	3,824	3,036	896	4,345	5,191	6,906	29,588								
A 1	1,098	1,621	3,434	302	7,522	2,841	7,507	663	6,625	7,582	9,378	50,595								
2	971	1,403	2,966	271	6,426	2,552	6,544	596	5,830	6,673	8,355	44,304								
3	787	829	940	357	-134	3,377	1,865	790	3,314	3,994	5,438	21,720								
S 1	516	624	663	304	-430	2,863	903	669	2,362	2,855	3,642	15,094								
2	470	639	840	273	343	2,571	1,256	601	2,407	2,872	3,500	16,083								
3	361	391	190	212	-1,145	2,017	4	475	1,236	1,582	1,951	7,175								
TOTAL	13,103	19,115	34,542	5,077	52,244	48,086	61,072	11,281	68,871	81,077	94,791	506,803								

Table G 29 Continued (6)

Year: 1976 (CSB)

Sub-basin

Code No.
C.A. km²

05
737

06(1)
1,467

06(2)
899

07
235

08
1,309

09
544

10
768

Unit: 10³ m³

Sub-basin	05		06(1)		06(2)		07		08		09		10	
	T	M	T	M	T	M	T	M	T	M	T	M	T	M
1975 O 1	2,121	587	3,508	517	2,403	204	4,785	1,674	2,216	841	1,601	1,996	2,216	841
2	831	64	1,284	32	576	58	1,649	549	717	116	392	662	717	116
3	65	65	182	-	116	-	604	9	145	145	995	1,295	145	145
N	2,619	-	4,541	-	1,522	264	6,172	1,879	2,344	-	-3	140	2,344	-
D	-	-	-	-	-	-	-	-	-	-	350	681	-	-
1976 J	-	-	-	-	-	-	-	-	-	-	421	794	-	-
F	-	-	-	-	-	-	-	-	-	-	-22	388	-	-
M	2,231	-	3,869	-	1,298	226	5,258	1,601	1,996	-	1,904	3,342	1,996	-
A 1	599	65	1,107	-	427	54	1,861	392	662	145	5,533	8,603	662	145
2	1,386	57	2,430	32	905	139	3,442	995	1,295	99	3,041	5,046	1,295	99
3	-85	267	-92	201	458	-5	234	-3	140	412	2,210	3,786	140	412
M 1	403	378	808	264	935	43	1,709	350	681	600	14,038	17,978	681	600
2	513	390	1,007	264	1,012	52	2,045	421	794	626	4,638	6,440	794	626
3	-249	749	-258	559	1,276	-15	654	-22	388	1,156	11,922	16,378	388	1,156
J 1	1,517	2,629	2,998	2,215	6,107	222	6,191	1,904	3,342	3,842	12,911	16,378	3,342	3,842
2	4,773	6,058	8,699	5,347	15,027	661	15,145	5,533	8,603	8,623	3,238	4,562	8,603	8,623
3	2,747	3,461	5,239	2,932	8,512	355	9,534	3,041	5,046	5,043	12,911	16,378	5,046	5,043
J 1	1,853	2,851	3,596	2,415	6,774	250	6,866	2,210	3,786	4,151	2,210	3,786	3,786	4,151
2	19,028	2,069	32,008	1,761	15,100	1,824	43,304	14,038	17,978	3,004	14,038	17,978	17,978	3,004
3	5,531	2,828	8,654	2,447	8,804	487	11,922	4,638	6,440	4,072	4,638	6,440	6,440	4,072
A 1	3,594	2,477	5,513	2,183	7,032	325	7,579	3,238	4,562	3,530	3,238	4,562	4,562	3,530
2	17,317	1,852	29,238	1,667	13,780	1,700	39,346	12,911	16,378	2,605	12,911	16,378	16,378	2,605
3	-1,138	2,515	-2,505	2,246	4,400	-122	-3,141	-66	438	3,559	-66	438	438	3,559
S 1	-1,818	1,985	-3,176	1,761	2,955	-143	-3,489	-637	-285	2,817	-637	-285	-285	2,817
2	339	1,859	549	1,667	3,972	77	1,441	890	1,550	2,622	890	1,550	1,550	2,622
3	-2,577	1,924	-4,320	1,667	2,362	-219	-4,656	-1,215	-916	2,766	-1,215	-916	-916	2,766
TOTAL	61,600	35,130	104,879	30,177	105,753	6,446	158,475	54,330	78,260	50,774	54,330	78,260	78,260	50,774

Table G 29 Continued (7)

Year: 1976 (CSB) Unit: 10³ m³

Sub-basin Code No. C.A. km ²	11		12		13		14		Sub-total	
	T	781	T	925	T	401	T	808		
									CSB	
1975 O 1	1,684		1,859		828		2,464		180	25,871
2	503		705		331		873		13	8,301
3	12		167		7		10		3	1,530
N	1,312		1,048		632		2,710		-	25,043
D	-		-		-		-		-	-
1976 J	-		-		-		-		-	-
F	-		-		-		-		-	-
M	1,118		892		538		2,301		-	21,337
A 1	279		381		136		563		3	6,634
2	721		646		341		1,432		12	13,932
3	154		313		36		-32		73	2,071
M 1	455		682		171		470		96	8,045
2	505		751		194		572		96	9,242
3	429		891		101		-99		201	5,761
J 1	3,071		3,837		1,061		2,505		780	42,221
2	8,103		9,245		2,952		7,465		1,869	108,103
3	4,526		5,574		1,700		4,172		1,033	62,915
J 1	3,524		4,430		1,305		3,012		851	47,874
2	11,765		11,766		5,938		20,601		619	200,803
3	5,734		7,247		2,904		6,966		859	79,533
A 1	4,413		5,626		2,175		4,853		764	57,884
2	10,738		10,276		5,298		18,842		581	182,529
3	2,054		3,465		923		-11		784	13,401
S 1	1,020		1,862		251		-1,024		615	2,694
2	1,999		2,528		730		1,178		582	21,983
3	481		1,349		-57		-1,912		585	-4,729
TOTAL	64,600		75,540		28,495		77,920		10,592	942,978

Table G 29 Continued (8)

Year: 1976 (SSB) Unit: 10³m

Sub-basin Code No. C.A. km ²	15(1) 1,266		15(2) 755		15(3) 264		16 1,180		17 977		18 921		19 1,447		Sub- total SSB		TOTAL 23,656 Whole Basin
	T		T		T		T		T		T		T		19,107	9,274	
	M	M	M	M	M	M	M	M	M	M	M	M	M	M			
1975 O 1	2,179	262	1,429	18	502	2,071	1,120	3,148	1,277	1,348	2,682	3,071	19,107	47,472			
2	1,145	14	628	5	221	1,876	76	2,132	75	961	126	2,015	9,274	23,821			
3	72	8	53	8	19	124	56	108	44	44	44	660	1,240	3,967			
N	2,312	-	1,147	-	403	3,904	-	5,021	-	2,080	-	3,734	18,601	65,648			
D	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1976 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
F	227	-	113	-	40	384	-	494	-	204	-	368	1,830	1,830			
M	2,122	-	1,053	-	370	3,584	-	4,609	-	1,909	-	3,428	17,075	42,690			
A 1	897	3	451	3	158	1,515	20	1,931	15	799	15	1,639	7,446	15,302			
2	363	10	192	1	68	549	46	739	50	302	101	612	3,033	25,674			
3	327	72	238	5	83	116	309	408	351	151	747	458	3,265	6,335			
M 1	248	76	209	9	73	-14	337	215	373	69	769	605	2,969	14,353			
2	6,514	41	3,277	4	1,152	10,753	171	13,963	195	5,770	399	10,535	52,774	79,595			
3	301	122	284	9	100	-235	522	126	593	13	1,245	432	3,512	25,770			
J 1	2,764	655	2,136	35	751	570	2,787	2,734	3,201	1,052	6,800	3,002	26,487	103,233			
2	8,456	1,469	5,836	70	2,051	5,025	6,214	11,540	7,165	4,451	15,270	10,003	77,550	215,551			
3	5,284	679	3,449	40	1,212	4,634	2,895	7,852	3,318	3,184	7,019	7,187	46,753	151,375			
J 1	4,430	557	2,906	31	1,021	3,951	2,373	6,431	2,721	2,670	5,772	5,791	38,654	120,336			
2	10,758	447	6,088	24	2,139	15,390	1,902	19,427	2,184	8,488	4,634	15,426	86,907	385,452			
3	11,397	507	6,400	27	2,249	16,091	2,161	21,067	2,482	9,005	5,277	16,623	93,286	202,407			
A 1	5,114	454	3,255	22	1,144	5,792	1,921	7,425	2,214	3,429	4,716	6,255	41,741	150,220			
2	6,173	404	3,793	18	1,332	7,896	1,713	9,446	1,976	4,431	4,222	7,719	49,123	275,956			
3	1,845	534	1,720	26	604	-225	2,262	-12	2,606	324	5,554	813	16,051	51,172			
S 1	305	436	654	22	230	-2,217	1,841	-1,484	2,122	-673	4,522	-625	5,133	22,921			
2	5,086	315	3,068	14	1,078	6,615	1,330	8,139	1,536	3,723	3,285	6,514	40,703	78,769			
3	309	288	502	15	177	-1,342	1,268	-830	1,457	-372	3,104	-218	4,368	6,814			
TOTAL	78,628	7,363	48,881	406	17,177	86,807	31,324	124,629	35,955	53,362	76,303	106,047	666,882	2,116,663			

Table G 29 Continued (9)

Year: 1981 (NSB)

Unit: 10³m³

Sub-basin Code No. C.A. km ²	01		02		01		04		05		06(1)		06(2)		06(3)		06(4)		Sub-total I,110	NSB
	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M		
1980 O 1	176	137	26	83	-93	83	-572	794	-24	200	474	538	730	2,469						
2	138	220	485	17	320	171	1,203	1,080	42	791	939	1,113	6,519							
3	109	117	88	11	55	138	100	194	31	172	256	185	1,456							
N	259	792	3,158	-	1,584	-	5,904	4,320	-	2,736	324	3,312	22,389							
D	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
1981 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
F	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
M	50	154	406	-	308	-	1,148	-	840	-	532	630	644	4,712						
A 1	134	141	95	8	63	8	118	227	25	168	273	168	1,538							
2	168	351	759	35	536	35	1,875	1,518	86	1,163	1,379	1,424	9,633							
3	118	110	32	32	10	32	-196	28	78	188	253	227	1,182							
M 1	207	241	232	42	218	42	254	453	108	509	668	602	3,884							
2	445	667	1,051	206	566	206	1,459	1,771	497	2,339	2,675	2,976	16,608							
3	711	812	743	436	71	436	-1,071	4,131	1,052	3,015	3,339	3,968	17,876							
J 1	987	1,520	2,528	370	1,482	370	4,333	4,610	901	5,099	5,933	6,479	37,800							
2	1,275	1,388	1,344	694	165	694	-1,335	6,589	1,689	1,679	5,828	7,147	31,668							
3	1,284	1,837	2,860	524	1,541	524	4,120	5,033	1,271	6,294	7,258	8,167	45,194							
J 1	1,048	1,448	2,265	407	1,194	407	3,278	4,124	991	5,043	5,822	6,703	36,228							
2	1,703	3,439	8,144	278	5,624	278	20,778	17,185	674	12,603	14,790	16,645	104,511							
3	1,060	1,111	1,486	428	441	428	881	4,080	1,038	4,484	5,103	6,735	29,822							
A 1	1,120	1,677	3,566	319	2,092	319	7,594	3,003	767	6,817	7,850	9,768	52,205							
2	986	1,445	3,072	287	1,771	287	6,456	2,695	690	5,980	6,872	8,649	45,518							
3	857	830	942	378	127	378	-247	3,599	916	3,424	3,863	5,211	21,684							
S 1	582	633	689	321	106	321	-418	3,037	774	2,546	2,827	3,599	15,669							
2	528	658	888	289	310	289	405	2,723	696	2,613	2,917	3,576	16,990							
3	426	407	207	226	-114	226	-1,118	2,165	550	1,381	1,562	1,897	7,662							
TOTAL	14,371	20,135	35,066	5,391	18,267	5,391	54,949	51,416	65,156	13,066	73,576	81,899	99,925	533,217						

Table G 29 Continued (10)

Unit: 10³ m³

Year: 1981 (CSB)

Sub-basin Code No. C.A. km ²	05 737		06(1) 1,467		06(2) 899		07 235		08 1,309		09 544		10 768	
	T	M	T	M	T	M	T	M	T	M	T	M	T	M
1980 O 1	2,150	632	3,634	519	2,457	225	4,900	1,704	2,267	892				
2	824	80	1,300	32	582	64	1,710	544	713	134				
3	94	94	221	-	145	17	748	17	179	179				
N	2,700	-	4,806	-	1,620	297	6,291	1,944	2,457	-				
D	-	-	-	-	-	-	-	-	-	-				
1981 J	-	-	-	-	-	-	-	-	-	-				
F	-	-	-	-	-	-	-	-	-	-				
M	2,300	-	4,094	-	1,380	253	5,359	1,656	2,093	-				
A 1	644	94	1,201	-	475	78	2,029	413	680	179				
2	1,438	69	2,582	32	965	162	3,555	1,031	1,367	113				
3	-62	305	-73	203	484	7	349	5	170	455				
M 1	460	436	897	266	996	71	1,938	375	754	670				
2	577	453	1,114	266	1,081	85	2,302	450	876	702				
3	-186	849	-209	563	1,341	18	975	1	465	1,274				
J 1	1,699	2,873	3,270	2,224	6,308	307	6,830	2,011	3,580	4,125				
2	5,093	6,517	9,267	5,370	15,411	799	16,076	5,770	9,049	9,154				
3	2,951	3,776	5,558	2,944	8,759	764	10,277	3,162	5,311	5,406				
J 1	2,005	3,111	3,817	2,426	6,962	335	7,459	2,299	3,987	4,451				
2	19,420	2,253	33,482	1,769	15,668	2,033	44,289	14,377	18,579	3,218				
3	5,524	3,065	8,775	2,458	8,895	536	12,354	4,658	6,486	4,345				
A 1	3,565	2,666	5,528	2,193	7,074	348	7,858	3,243	4,565	3,748				
2	17,684	1,980	30,625	1,674	14,302	1,879	40,078	13,243	16,943	2,753				
3	-1,275	2,695	-2,893	2,256	4,296	-150	-3,113	-148	281	3,764				
S 1	-1,856	2,132	-3,400	1,769	2,922	-150	-3,393	-666	-332	2,987				
2	362	1,991	541	1,674	4,013	91	1,589	912	1,592	2,774				
3	-2,590	2,084	-4,540	1,674	2,345	-209	-4,471	-1,240	-938	2,952				
TOTAL	63,521	38,155	109,597	30,312	108,481	7,560	165,989	55,761	81,124	54,275				

Table G 29 Continued (11)

Year: 1981 (CSB) Unit: 10³ m³

Sub-basin Code No. C.A. km ²	11		12		13		14		M	Sub-total
	781	T	925	T	401	T	808	CSB		
1980 O 1	1,761	-	1,942	-	864	-	2,529	-	200	26,676
2	513	-	698	-	324	-	860	-	14	8,392
3	17	-	204	-	9	-	20	-	5	1,949
N	1,485	-	1,188	-	702	-	2,862	-	-	26,352
D	-	-	-	-	-	-	-	-	-	-
1981 J	-	-	-	-	-	-	-	-	-	-
F	-	-	-	-	-	-	-	-	-	-
M	1,265	-	1,012	-	598	-	2,438	-	-	22,448
A 1	319	-	446	-	152	-	603	-	5	7,318
2	813	-	732	-	380	-	1,514	-	14	14,767
3	148	-	350	-	41	-	-21	-	82	2,443
M 1	479	-	768	-	189	-	516	-	108	8,923
2	536	-	848	-	217	-	625	-	109	10,241
3	407	-	986	-	113	-	-73	-	226	6,750
J 1	3,137	-	4,160	-	1,170	-	2,707	-	868	45,269
2	8,300	-	9,894	-	3,224	-	7,942	-	2,073	113,939
3	4,620	-	5,977	-	1,840	-	4,401	-	1,148	66,594
J 1	3,573	-	4,739	-	1,407	-	3,176	-	946	50,693
2	12,707	-	12,588	-	6,308	-	21,367	-	688	208,746
3	5,774	-	7,392	-	2,933	-	6,984	-	954	81,133
A 1	4,395	-	5,706	-	2,189	-	4,839	-	846	53,763
2	11,644	-	11,044	-	5,671	-	19,607	-	643	189,770
3	1,771	-	3,345	-	845	-	-227	-	869	12,316
S 1	827	-	1,844	-	227	-	-1,113	-	682	2,480
2	1,955	-	2,616	-	764	-	1,214	-	644	22,732
3	273	-	1,350	-	-83	-	-1,997	-	649	-4,741
TOTAL	66,719	-	79,829	-	30,084	-	80,773	-	11,773	983,953

Table G 29 Continued (12)

Unit: 10³ m³

Year: 1981 (SSB)

Sub-basin Code No. C.A. km ²	15(1) 1,266		15(2) 755		15(3) 264		16 1,181		17 977		18 921		19 1,447		Sub- total SSB		TOTAL 23,656 Whole Basin
	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	
1980 O 1	2,227	291	1,476	24	518	2,113	1,264	3,235	1,408	1,371	2,979	3,264	20,170	49,315			
2	1,218	19	662	8	232	1,943	93	2,202	102	999	147	2,146	9,771	24,682			
3	88	12	65	12	23	172	76	180	80	64	64	800	1,636	5,041			
N	2,562	-	1,264	-	444	4,118	-	5,185	-	2,196	-	3,904	19,673	68,414			
D	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1981 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
F	252	-	124	-	44	405	-	510	-	216	-	384	1,935	1,935			
M	2,352	-	1,160	-	408	3,780	-	4,760	-	2,016	-	3,584	18,060	45,220			
A 1	997	4	500	4	175	1,613	27	2,018	28	850	22	1,752	7,990	16,846			
2	397	12	210	1	74	583	52	768	58	319	106	650	3,230	27,630			
3	334	80	252	6	88	132	349	439	387	154	769	507	3,497	7,122			
M 1	251	86	222	12	78	16	387	274	427	78	801	716	3,348	16,155			
2	7,202	45	3,604	5	1,266	11,346	193	14,434	215	6,090	410	11,036	55,846	82,695			
3	285	135	291	12	102	-234	590	161	656	10	1,282	506	3,796	28,422			
J 1	2,702	729	2,176	48	765	526	3,130	2,808	3,492	1,023	6,973	3,216	27,588	110,657			
2	8,634	1,630	6,076	95	2,135	5,186	6,963	11,881	7,774	4,525	15,634	10,556	81,089	226,696			
3	5,442	757	3,589	56	1,261	4,759	3,258	8,077	3,632	3,251	7,205	7,599	48,886	160,674			
J 1	4,528	620	3,001	42	1,055	4,003	2,667	6,564	2,974	2,705	5,922	6,074	40,155	127,076			
2	11,366	498	6,394	34	2,247	15,806	2,136	19,788	2,382	8,745	4,753	15,994	90,143	403,400			
3	12,142	566	6,787	38	2,385	16,662	2,429	21,567	2,709	9,336	5,413	17,316	97,350	208,305			
A 1	5,154	503	3,300	29	1,160	5,730	2,153	7,410	2,404	3,425	4,829	6,397	42,494	153,462			
2	6,260	449	3,846	25	1,351	7,837	1,920	9,412	2,143	4,441	4,324	7,855	49,863	285,151			
3	1,499	593	1,591	36	559	-613	2,536	-263	2,830	142	5,689	718	15,317	49,317			
S 1	98	482	603	28	212	-2,398	2,065	-1,559	2,304	-773	4,631	-632	5,061	23,210			
2	5,215	349	3,140	19	1,103	6,628	1,490	8,159	1,662	3,759	3,361	6,650	41,535	81,257			
3	174	331	471	21	165	-1,456	1,423	-869	1,587	-436	3,182	-202	4,391	7,312			
TOTAL	81,379	8,191	50,804	553	17,850	88,657	35,201	127,141	39,254	54,506	78,496	110,790	692,824	2,209,994			

Remarks; M* includes the diversion water to tideland reclamation area (450 ha).

Table G 29 Continued (13)

Year: 1986 (NSB)

Unit: 10³ m

Sub-basin Code No. C.A. km ²	01		02		03		04		05(1)		06(1)		06(2)		06(3)		06(4)		Sub-total NSB
	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	
1985 O 1	207	171	29	86	-549	851	-22	230	493	553	674	2,652							
2	147	231	505	19	1,207	186	1,116	48	828	992	1,187	6,788							
3	143	157	113	14	133	168	254	40	224	330	229	1,878							
N	259	792	2,232	-	6,048	-	4,680	-	3,024	3,600	3,960	26,179							
D	-	-	-	-	-	-	-	-	-	-	-	-							
1986 J	-	-	-	-	-	-	-	-	-	-	-	-							
F	-	-	-	-	-	-	-	-	-	-	-	-							
M	51	154	434	-	1,176	-	910	-	588	700	770	5,091							
A 1	179	191	126	11	158	155	302	34	231	368	221	2,062							
2	187	373	822	37	1,955	368	1,675	100	1,297	1,539	1,665	10,570							
3	152	148	52	35	-160	359	77	92	233	313	241	1,553							
M 1	264	306	279	46	326	501	569	129	613	804	699	4,700							
2	505	736	1,150	213	1,647	2,079	2,030	567	2,581	2,931	3,267	18,332							
3	823	938	840	450	-784	4,380	940	1,199	3,305	3,598	4,122	20,001							
J 1	1,130	1,680	2,758	385	4,717	3,808	5,198	1,033	5,637	6,542	7,187	41,680							
2	1,461	1,598	1,475	716	-959	7,001	2,024	1,916	5,602	6,184	7,285	34,651							
3	1,464	2,039	3,107	542	4,552	5,348	5,661	1,455	6,893	7,920	8,859	49,533							
J 1	1,187	1,604	2,438	423	3,567	4,173	4,548	1,136	5,464	6,291	7,168	39,304							
2	1,759	3,507	8,585	288	21,144	2,820	18,190	771	13,491	15,907	18,537	110,651							
3	1,163	1,228	1,511	443	925	4,340	2,966	1,185	4,580	5,185	6,626	30,672							
A 1	1,151	1,715	3,667	328	7,620	3,169	7,786	871	7,030	8,105	10,170	53,722							
2	1,007	1,472	3,145	294	6,455	2,842	6,708	784	6,134	7,058	8,950	46,635							
3	946	931	947	391	-210	3,823	1,744	1,045	3,479	3,893	5,041	22,228							
S 1	650	709	730	331	-285	3,213	1,070	881	2,685	2,934	3,612	16,710							
2	585	721	947	297	559	2,879	1,538	792	2,789	3,073	3,702	18,256							
3	506	496	250	235	-989	2,313	181	630	1,510	1,682	1,899	8,669							
TOTAL	15,926	21,897	36,142	19,584	58,253	54,776	70,145	14,938	78,714	90,505	106,071	572,517							

Table G 29 Continued (14)

Unit: 10³ m³

Year: 1986 (CSB)

Sub-basin (Code No. C.A. km ²)	05 737		06(1) 1,467		06(2) 899		07 235		08 1,309		09 544		10 768	
	T	M	T	M	T	M	T	M	T	M	T	M	T	M
1985 O 1	2,182	673	3,760	527	2,526	229	229	1,739	5,051	1,739	2,357	944	2,357	944
2	820	97	1,329	32	591	68	68	537	1,797	537	728	164	728	164
3	128	128	306	-	187	26	26	26	986	26	238	238	238	238
N	2,781	-	5,022	-	1,728	297	297	2,025	6,399	2,025	2,619	-	2,619	-
D	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1986 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M	2,369	-	4,278	-	1,472	253	253	1,725	5,451	1,725	2,231	-	2,231	-
A 1	695	128	1,329	-	539	87	87	439	2,289	439	772	238	772	238
2	1,493	83	2,725	32	1,037	165	165	1,077	3,697	1,077	1,472	136	1,472	136
3	-35	343	-11	207	522	14	14	13	547	13	214	513	214	513
M 1	523	500	1,050	271	1,081	83	83	404	2,312	404	865	769	865	769
2	649	523	1,289	271	1,178	99	99	483	2,723	483	1,003	811	1,003	811
3	-114	956	-38	575	1,444	37	37	20	1,528	20	587	1,437	587	1,437
J 1	1,896	3,114	3,727	2,267	6,603	337	337	2,123	7,896	2,123	3,919	4,458	3,919	4,458
2	5,427	6,948	10,053	5,476	15,963	832	832	6,020	17,602	6,020	9,650	9,695	9,650	9,695
3	3,175	4,085	6,115	3,002	9,123	501	501	3,290	11,551	3,290	5,715	5,831	5,715	5,831
J 1	2,117	3,366	4,238	2,474	7,246	365	365	2,391	8,490	2,391	4,293	4,803	4,293	4,803
2	19,822	2,434	34,797	1,804	16,338	2,054	2,054	14,785	45,409	14,785	19,536	3,463	19,536	3,463
3	5,529	3,292	9,013	2,506	9,047	559	559	4,664	13,033	4,664	6,638	4,644	6,638	4,644
A 1	3,541	2,844	5,635	2,236	7,161	357	357	3,229	8,286	3,229	4,628	3,973	4,628	3,973
2	18,056	2,096	31,789	1,708	14,905	1,885	1,885	13,647	40,809	13,647	17,801	2,889	17,801	2,889
3	-1,409	2,859	-3,129	2,299	4,221	-140	-140	-273	-2,922	-273	94	3,964	94	3,964
S 1	-1,892	2,269	-3,492	1,804	2,924	-140	-140	-717	-3,114	-717	-401	3,155	-401	3,155
2	385	2,111	606	1,708	4,091	98	98	929	1,875	929	1,642	2,917	1,642	2,917
3	-2,597	2,238	-4,590	1,708	2,370	-194	-194	-1,286	-4,034	-1,286	-975	3,155	-975	3,155
TOTAL	65,601	41,086	115,801	30,907	112,297	7,872	7,872	57,290	177,661	57,290	85,626	58,197	85,626	58,197

Table G 29 Continued (15)

Year: 1986 (CSB) Unit: 10³ m³

Sub-basin Code No. C.A. km ²	11		12		13		14		Sub-total
	T		T		T		T	M	
1985 O 1	1,816	1,825	904	2,572	236				27,341
2	506	709	317	831	18				8,544
3	26	272	17	34	9				2,621
N	1,593	1,350	783	2,970	-				27,567
D	-	-	-	-	-				-
1986 J	-	-	-	-	-				-
F	-	-	-	-	-				-
M	1,357	1,150	667	2,530	-				23,483
A 1	350	547	177	639	9				8,238
2	873	842	426	1,577	17				15,651
3	159	413	50	1	99				3,049
M 1	516	906	220	568	132				10,200
2	580	1,003	253	683	134				11,682
3	433	1,156	138	-16	274				8,417
J 1	3,303	4,646	1,309	2,967	1,031				49,596
2	8,691	10,801	3,543	8,521	2,452				121,674
3	4,822	6,575	2,013	4,695	1,363				71,856
J 1	3,723	5,206	1,537	3,400	1,123				54,832
2	13,287	13,593	6,737	21,859	818				216,736
3	5,826	7,632	2,969	6,971	1,130				83,453
A 1	4,415	5,848	2,204	4,821	1,002				60,180
2	12,217	11,948	6,095	20,123	761				196,729
3	1,643	3,247	751	-365	1,025				11,865
S 1	781	1,867	198	-1,118	807				2,931
2	1,998	2,753	801	1,296	762				23,972
3	228	1,414	-108	-1,982	770				-3,883
TOTAL	69,143	85,703	32,001	83,577	13,972				1,036,734

Table G 29 Continued (16)

Unit: 10³m³

Year: 1986 (SSB)

Sub-basin (Code No. C.A. km ²)	15(1) 1,266		15(2) 755		15(3) 264		16 1,181		17 977		18 921		19 1,447		Sub- total SSB		TOTAL 23,656 Whole Basin
	T	M	T	M	T	M	T	M	T	M	T	M*	T	M	T	M	
1985 O 1	2,295	305	1,530	32	538	2,190	1,398	3,393	1,469	1,408	3,070	3,552	21,180	51,173			
2	1,270	19	690	9	242	1,996	110	2,263	120	1,032	164	2,338	10,253	25,585			
3	108	12	80	12	28	220	96	252	108	84	88	1,040	2,128	6,627			
N	2,745	-	1,354	-	476	4,301	-	5,307	-	2,318	-	4,057	20,558	74,304			
D	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1986 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
F	270	-	133	-	47	423	-	522	-	238	-	399	2,022	2,022			
M	2,520	-	1,243	-	437	2,948	-	4,872	-	2,128	-	3,724	18,872	47,446			
A 1	1,078	4	539	4	189	1,698	34	2,088	38	903	31	1,894	8,495	18,795			
2	426	12	224	2	79	613	58	796	61	338	116	695	3,420	29,641			
3	352	84	269	9	95	162	388	490	404	169	838	582	3,842	8,444			
M 1	270	90	242	15	85	61	436	355	453	97	900	902	3,906	18,806			
2	7,714	47	3,858	6	1,355	11,863	214	14,797	226	6,431	438	11,511	58,460	88,474			
3	296	142	306	16	108	-204	654	236	686	18	1,430	633	4,321	32,739			
J 1	2,749	763	2,255	68	792	605	3,449	3,099	3,611	1,037	7,648	3,551	29,627	120,903			
2	8,985	1,707	6,361	140	2,235	5,598	7,656	12,652	8,008	4,718	17,165	11,235	86,460	242,785			
3	5,667	792	3,740	76	1,314	4,979	3,595	8,478	3,769	3,366	8,058	8,164	51,998	173,387			
J 1	4,680	649	3,107	59	1,092	4,133	2,940	6,847	3,079	2,772	6,520	6,463	42,341	136,477			
2	11,815	521	6,653	48	2,338	16,185	2,354	20,175	2,465	9,004	4,899	16,611	93,068	420,455			
3	12,717	592	7,155	54	2,500	17,203	2,678	22,094	2,802	9,686	5,657	18,055	101,153	215,278			
A 1	5,197	527	3,356	43	1,179	5,709	2,368	7,523	2,478	3,413	5,099	6,589	43,481	157,383			
2	6,307	470	3,904	38	1,371	7,791	2,111	9,479	2,206	4,425	4,444	8,025	50,571	293,935			
3	1,270	621	1,521	52	535	-896	2,791	-296	2,918	-52	6,390	718	15,572	49,665			
S 1	7	505	592	41	208	-2,473	2,272	-1,464	2,376	-847	5,262	-574	5,905	25,546			
2	5,303	366	3,209	29	1,127	6,650	1,636	8,248	1,709	3,784	3,614	6,801	42,476	84,704			
3	116	347	468	30	165	-1,499	1,569	-793	1,640	-482	3,645	-129	5,077	9,863			
TOTAL	84,152	8,575	52,749	783	18,535	91,256	38,807	131,413	40,626	55,978	85,476	116,836	725,186	2,334,437			

Remarks: M* includes the diversion water to tideland reclamation area (450 ha).

Table G 29 Continued (17)

Year: 1991 (NSB)

Unit: 10³ m³

Sub-basin Code No. C.A. km ²	01		02		03		04		05		06(1)		06(2)		06(3)		06(4)		Sub-total 1,110	NSB
	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M		
1990 0 1	225	204	19	88	-543	904	-56	257	482	497	649	2,656								
2	154	235	535	18	1,211	200	1,148	54	861	1,052	1,231	7,032								
3	174	193	136	15	159	196	277	44	243	355	250	2,132								
N	288	792	2,448	-	6,192	-	5,040	-	3,384	4,104	4,389	28,293								
D	-	-	-	-	-	-	-	-	-	-	-	-								
1991 J	-	-	-	-	-	-	-	-	-	-	-	-								
F	-	-	-	-	-	-	-	-	-	-	-	-								
M	56	154	476	-	1,204	-	980	-	658	798	854	5,502								
A 1	218	239	155	13	189	189	330	38	252	399	242	2,373								
2	211	393	905	38	2,025	394	1,810	112	1,439	1,714	1,834	11,457								
3	180	185	65	36	-136	393	86	102	245	315	247	1,741								
M 1	313	367	324	49	381	556	623	144	668	860	760	5,239								
2	560	802	1,258	215	1,787	2,196	2,206	633	2,813	3,114	3,514	19,763								
3	906	1,063	910	455	-596	4,618	1,057	1,340	3,547	3,627	4,345	21,487								
J 1	1,265	1,836	3,024	392	5,014	4,045	5,609	1,155	6,143	7,009	7,741	44,943								
2	1,589	1,799	1,558	726	-727	7,394	2,121	2,141	5,895	6,154	7,553	36,590								
3	1,624	2,234	3,378	551	4,868	5,672	6,058	1,626	7,435	8,358	9,424	53,025								
J 1	1,304	1,750	2,627	430	3,774	4,429	4,803	1,270	5,832	6,581	7,552	41,733								
2	1,864	3,545	9,249	292	21,500	2,983	19,168	862	14,546	17,367	19,824	117,086								
3	1,213	1,323	1,512	450	918	4,587	2,857	1,325	4,591	5,054	6,627	30,993								
A 1	1,166	1,726	3,829	331	7,639	3,329	7,937	973	7,276	8,414	10,484	55,273								
2	1,012	1,474	3,270	297	6,450	2,984	6,807	876	6,322	7,289	9,196	47,804								
3	986	1,013	921	397	-222	4,038	1,615	1,167	3,456	3,716	4,997	22,285								
S 1	691	780	750	335	-210	3,383	1,081	984	2,789	2,895	3,701	17,363								
2	623	782	1,000	300	658	3,029	1,616	885	2,952	3,120	3,866	19,221								
3	563	583	266	239	-911	2,454	191	703	1,579	1,632	1,953	9,223								
TOTAL	17,185	23,472	38,615	5,667	60,624	57,973	73,364	16,691	83,408	94,424	111,233	603,214								

Table G 29 Continued (18)

Year: 1991 (CSB)

Unit: 10³m³

Sub-basin Code No. C.A. km ²	05		06(1)		06(2)		07		08		09		10	
	T	M	T	M	T	M	T	M	T	M	T	M	T	M
1990 O 1	2,217	718	3,889	529	2,605	529	232	5,151	1,770	2,430	992			
2	819	119	1,344	32	622	32	73	1,812	535	746	185			
3	170	170	383	-	247	-	34	1,054	34	281	281			
N	2,862	-	5,211	-	1,863	-	297	6,561	2,106	2,727	-			
D	-	-	-	-	-	-	-	-	-	-	-			
1991 J	-	-	-	-	-	-	-	-	-	-	-			
F	-	-	-	-	-	-	-	-	-	-	-			
M	2,438	-	4,439	-	1,587	-	253	5,589	1,794	2,323	-			
A 1	754	170	1,444	-	626	-	94	2,391	463	836	281			
2	1,550	99	2,852	32	1,128	32	168	3,806	1,122	1,543	152			
3	-3	388	59	209	562	209	20	605	18	251	561			
M 1	598	576	1,206	272	1,180	272	96	2,444	427	948	848			
2	734	606	1,467	272	1,293	272	112	2,873	510	1,098	898			
3	-23	1,081	154	577	1,551	577	57	1,685	30	683	1,567			
J 1	2,120	3,386	4,281	2,276	6,858	2,276	369	8,320	2,206	4,182	4,745			
2	5,790	7,418	11,096	5,498	16,358	5,498	872	18,365	6,206	10,126	10,198			
3	3,437	4,433	6,774	3,014	9,439	3,014	538	12,024	3,377	6,022	6,197			
J 1	2,378	3,655	4,748	2,489	7,485	2,489	394	8,854	2,450	4,528	5,107			
2	20,242	2,637	35,983	1,811	17,194	1,811	2,076	46,399	15,200	20,243	3,678			
3	5,553	3,544	9,304	2,517	9,216	2,517	583	13,237	4,669	6,818	4,913			
A 1	3,531	3,037	5,809	2,244	7,232	2,244	380	8,392	3,212	4,731	4,179			
2	18,439	2,220	32,855	1,715	15,642	1,715	1,892	41,691	14,051	18,425	3,024			
3	-1,525	3,036	-3,237	2,309	4,063	2,309	-127	-3,064	-403	22	4,154			
S 1	-1,920	2,417	-3,466	1,811	2,841	1,811	-129	-3,133	-786	-416	3,315			
2	413	2,240	763	1,715	4,106	1,715	105	1,970	928	1,704	3,057			
3	-2,592	2,410	-4,523	1,715	2,314	1,715	-177	-4,016	-1,351	-973	3,337			
TOTAL	67,962	44,360	122,835	31,033	116,012	31,033	8,212	183,010	58,568	89,278	61,669			

Table G 29 Continued (19)

Unit: 10³m³

Year: 1991 (CSB)

Sub-basin Code No. C.A. km ²	11		12		13		14		Sub-total
	781	T	925	T	401	T	808	M	
1990 O 1	1,868		2,145		937		2,653	254	28,390
2	499		708		308		823	21	8,646
3	34		315		26		48	12	3,089
N	1,701		1,512		837		3,159	-	28,836
D	-		-		-		-	-	-
1991 J	-		-		-		-	-	-
F	-		-		-		-	-	-
M	1,449		1,288		713		2,691	-	24,564
A 1	381		623		197		692	12	8,964
2	933		943		459		1,680	19	16,486
3	169		457		65		8	108	3,477
M 1	552		1,008		252		616	146	11,169
2	621		1,119		288		742	148	12,781
3	458		1,274		177		-	299	9,570
J 1	3,468		5,044		1,475		3,153	1,115	52,998
2	9,081		11,611		3,910		8,964	2,641	128,134
3	5,025		7,063		2,217		4,909	1,473	75,942
J 1	3,874		5,582		1,696		3,547	1,215	57,998
2	13,865		14,539		7,027		22,838	884	224,616
3	5,875		7,804		3,016		6,993	1,220	85,262
A 1	4,436		5,949		2,239		4,792	1,079	61,242
2	12,788		12,838		6,388		21,082	818	203,858
3	1,517		3,118		724		-659	1,103	11,021
S 1	734		1,864		223		-1,272	868	2,951
2	2,040		2,871		867		1,300	819	24,898
3	183		1,433		-75		-2,137	831	-3,621
TOTAL	71,551		91,108		33,966		86,622	15,085	1,081,271

Table G 29 Continued (20)

Unit: 10³ m

Year: 1991 (SSB)

Sub-basin Code No. (C.A. km ²)	15(1)		15(2)		15(3)		16		17		18		19		Sub- total SSB	TOTAL 23,656
	T	M	T	M	T	M	T	M	T	M	T	M*	T	M		
1990 O 1	2,380	338	1,594	36	560	2,239	1,533	3,498	1,537	1,421	4,188	3,819	23,143	54,189		
2	1,364	22	735	11	258	2,065	127	2,349	542	1,066	202	2,511	11,252	26,930		
3	144	16	107	16	37	268	116	320	140	108	112	1,240	2,624	7,845		
N	3,020	-	1,467	-	516	4,514	-	5,490	-	2,440	-	4,240	21,687	78,816		
D	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1991 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
F	297	-	144	-	51	444	-	540	-	240	-	417	2,133	2,133		
M	2,772	-	1,347	-	473	4,144	-	5,040	-	2,240	-	3,892	19,908	49,974		
A 1	1,188	6	591	6	207	1,796	41	2,182	49	958	39	2,032	9,095	20,432		
2	466	14	243	3	85	647	64	828	65	357	141	741	3,654	31,597		
3	374	93	286	10	100	178	426	518	425	175	1,056	651	4,292	9,510		
M 1	297	101	267	18	94	90	484	408	495	110	1,212	1,063	4,639	21,047		
2	8,471	52	4,174	7	1,467	12,456	234	15,314	238	6,768	517	12,062	61,760	94,304		
3	295	157	322	18	113	-200	718	264	720	16	1,957	745	5,125	36,182		
J 1	2,753	843	2,318	73	814	573	3,773	3,176	3,748	991	10,044	3,875	32,981	130,922		
2	9,316	1,879	6,628	145	2,329	5,784	8,362	12,997	8,277	4,770	22,732	11,979	95,198	259,922		
3	5,885	875	3,904	82	1,372	5,119	3,938	8,718	3,925	3,417	11,211	8,707	57,153	186,120		
J 1	4,819	717	3,222	64	1,132	4,198	3,218	7,004	3,200	2,785	8,654	6,837	45,850	145,581		
2	12,535	575	6,976	51	2,451	16,620	2,575	20,676	2,560	9,219	5,101	17,286	96,625	438,327		
3	13,597	653	7,515	57	2,641	17,788	2,932	22,717	2,911	9,991	6,233	18,875	105,910	222,165		
A 1	5,286	581	3,420	45	1,202	5,664	2,586	7,595	2,562	3,359	5,889	6,791	44,980	161,495		
2	6,446	518	3,978	39	1,397	7,750	2,306	9,564	2,280	4,372	4,600	8,211	51,461	303,123		
3	946	684	1,423	54	500	1,268	3,050	-492	3,020	-295	9,059	679	17,360	50,666		
S 1	-178	556	555	43	195	2,645	2,483	-1,549	2,458	-961	7,707	-533	8,131	28,445		
2	5,473	402	3,292	29	1,156	6,675	1,786	8,355	1,763	3,777	4,471	6,975	44,154	88,273		
3	3	383	449	32	158	-1,607	1,716	-838	1,702	-555	5,447	-70	6,820	12,422		
TOTAL	87,949	9,465	54,957	839	19,308	93,292	42,468	134,674	42,617	56,769	110,572	123,025	775,935	2,460,420		

Remarks: M* includes the diversion water to tideland reclamation area (2,500 ha).

Table G 29 Continued (21)

Year: 1996 (NSB)

Unit: 10³ m³

Sub-basin Code No. C.A. km ²	01		02		03		04		05		06(1)		06(2)		06(3)		06(4)		Sub-total NSB
	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	
1995 O 1	252	216	21	89	-533	955	-49	89	-533	955	-53	275	476	445	608	2,702			
2	161	255	556	20	1,219	214	338	20	1,219	214	1,164	58	886	1,114	1,274	7,259			
3	203	230	157	17	184	221	109	17	184	221	304	46	261	390	259	2,381			
N	288	864	2,592	-	6,336	-	1,656	-	6,336	-	5,328	-	3,672	4,608	4,896	30,240			
D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1996 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
M	56	168	504	-	1,232	-	322	-	1,232	-	1,036	-	714	896	952	5,880			
A 1	254	286	181	15	221	221	132	15	221	221	359	40	273	441	252	2,675			
2	227	431	965	39	2,094	421	596	39	2,094	421	1,936	120	1,560	1,896	2,023	12,308			
3	209	214	81	37	-111	426	42	37	-111	426	112	110	259	325	243	1,947			
M 1	361	424	365	52	435	610	227	52	435	610	690	155	723	930	811	5,783			
2	614	861	1,350	219	1,928	2,312	711	219	1,928	2,312	2,451	677	3,020	3,312	3,781	21,236			
3	1,007	1,117	997	462	-408	4,853	305	462	-408	4,853	1,368	1,435	3,780	3,679	4,567	23,162			
J 1	1,389	1,994	3,242	400	5,311	4,278	1,811	400	5,311	4,278	6,115	1,235	6,584	7,507	8,334	48,200			
2	1,756	1,894	1,678	738	-485	7,784	531	738	-485	7,784	2,501	2,293	6,188	6,158	7,787	38,823			
3	1,782	2,408	3,610	562	5,190	5,991	1,918	562	5,190	5,991	6,614	1,742	7,911	8,825	10,019	56,572			
J 1	1,426	1,882	2,794	439	3,990	4,679	1,472	439	3,990	4,679	5,173	1,359	6,152	6,892	7,943	44,201			
2	1,912	3,806	9,709	298	21,885	3,144	5,924	298	21,885	3,144	19,943	923	15,382	18,821	21,263	123,010			
3	1,305	1,377	1,550	457	936	4,831	609	457	936	4,831	2,861	1,418	4,613	4,925	6,557	31,439			
A 1	1,194	1,796	3,956	335	7,686	3,489	2,193	335	7,686	3,489	8,059	1,043	7,465	8,705	10,793	56,714			
2	1,033	1,526	3,368	300	6,473	3,126	1,846	300	6,473	3,126	6,882	939	6,463	7,503	9,429	48,888			
3	1,064	1,048	936	403	-213	4,250	264	403	-213	4,250	1,603	1,250	3,451	3,543	4,886	22,485			
S 1	753	806	791	339	-128	3,552	239	339	-128	3,552	1,215	1,054	2,893	2,861	3,772	18,147			
2	676	809	1,060	304	761	3,179	439	304	761	3,179	1,797	949	3,102	3,175	4,028	20,279			
3	634	627	302	244	-831	2,593	28	244	-831	2,593	302	754	1,655	1,601	1,985	9,894			
TOTAL	18,556	25,039	40,765	5,769	63,172	61,129	21,663	5,769	63,172	61,129	77,760	17,875	87,483	98,552	116,462	634,225			

Table G 29 Continued (22)

Year: 1996 (CSB)

Unit: 10³ m

Sub-basin Code No. C.A. km ²	05		06(1)		06(2)		07		08		09		10	
	T	M	T	M	T	M	T	M	T	M	T	M	T	M
1995 O 1	2,237	761	4,003	540	2,678	268	5,231	1,814	2,518	1,038				
2	814	137	1,358	33	635	86	1,826	532	760	207				
3	204	204	468	-	298	43	1,122	43	323	323				
N	2,916	-	5,373	-	1,971	351	6,696	2,214	2,889	-				
D	-	-	-	-	-	-	-	-	-	-				
1996 J	-	-	-	-	-	-	-	-	-	-				
F	-	-	-	-	-	-	-	-	-	-				
M 2	2,484	-	4,577	-	1,679	253	5,704	1,886	2,461	-				
A 1	798	204	1,563	-	699	103	2,486	494	911	323				
2	1,591	113	2,969	33	1,203	171	3,900	1,181	1,643	169				
3	25	438	137	214	607	27	662	22	282	607				
M 1	658	640	1,369	279	1,278	108	2,569	454	1,035	924				
2	801	676	1,652	279	1,404	126	3,015	545	1,199	981				
3	55	1,190	366	591	1,673	76	1,839	37	769	1,695				
J 1	2,308	3,634	4,847	2,329	7,183	399	8,702	2,298	4,464	5,023				
2	6,095	7,864	12,117	5,627	16,943	905	19,017	6,422	10,672	10,682				
3	3,648	4,751	7,444	3,084	9,839	575	12,446	3,477	6,356	6,554				
J 1	2,542	3,918	5,274	2,544	7,798	424	9,178	2,515	4,776	5,402				
2	20,508	2,822	37,014	1,854	17,885	2,097	47,226	15,752	21,193	3,885				
3	5,562	3,778	9,581	2,576	9,392	606	13,410	4,670	6,959	5,171				
A 1	3,518	3,222	5,976	2,296	7,334	394	8,475	3,183	4,793	4,380				
2	18,665	2,341	33,764	1,756	16,251	1,898	42,415	14,592	19,299	3,152				
3	-1,618	3,207	-3,312	2,362	3,998	-118	-3,191	-587	-165	4,337				
S 1	-1,923	2,558	-3,412	1,854	2,852	-119	-3,148	-885	-496	3,467				
2	447	2,365	925	1,756	4,191	113	2,049	920	1,749	3,190				
3	-2,562	2,569	-4,415	1,756	2,354	-161	-3,987	-1,450	-1,034	3,513				
TOTAL	69,773	47,392	129,638	31,763	120,145	8,625	187,642	60,130	93,356	65,023				

Table G 29 Continued (23)

Year: 1996 (CSB) Unit: 10³ m³

Sub-basin Code No. C.A. km ²	11		12		13		14		Sub-total
	781	T	925	T	401	T	808	CSB	
1995 O 1	1,949	-	2,230	-	978	-	2,710	274	29,229
2	507	-	713	-	300	-	810	24	8,742
3	51	-	357	-	34	-	68	17	3,555
N	1,890	-	1,647	-	918	-	3,267	-	30,132
D	-	-	-	-	-	-	-	-	-
1996 J	-	-	-	-	-	-	-	-	-
F	-	-	-	-	-	-	-	-	-
M	-	-	-	-	-	-	-	-	-
A 1	1,610	-	1,403	-	782	-	2,783	-	25,622
2	436	-	692	-	221	-	733	17	9,680
3	1,036	-	1,030	-	504	-	1,746	22	17,311
M 1	171	-	498	-	74	-	35	120	3,919
2	595	-	1,103	-	283	-	678	163	12,136
3	674	-	1,227	-	323	-	811	166	13,879
J 1	460	-	1,383	-	202	-	70	332	16,738
2	3,585	-	5,393	-	1,614	-	3,432	1,214	56,425
3	9,351	-	12,299	-	4,229	-	9,566	2,858	134,647
J 1	5,174	-	7,486	-	2,390	-	5,239	1,603	80,066
2	3,966	-	5,911	-	1,825	-	3,799	1,322	61,194
3	14,882	-	15,349	-	7,456	-	23,406	961	232,291
A 1	5,910	-	7,972	-	3,050	-	7,058	1,323	87,018
2	4,406	-	6,045	-	2,253	-	4,831	1,168	62,274
3	13,757	-	13,587	-	6,811	-	21,646	883	210,817
S 1	1,200	-	3,019	-	630	-	-757	1,191	10,196
2	534	-	1,864	-	194	-	-1,263	939	3,016
3	1,999	-	2,971	-	903	-	1,394	885	25,857
TOTAL	74,120	-	95,637	-	35,873	-	89,953	16,384	1,125,454

Table G 29 Continued (24)

Unit: 10³ m

Year: 1996 (SSB)

Sub-basin Code No. C.A. km ²	15(1) 1,266		15(2) 755		15(3) 264		16 1,181		17 977		18 921		19 1,447		Sub- total SSB	TOTAL 23,656
	T	M	T	M	T	M	T	M	T	M	T	M*	T			
	Whole Basin		Whole Basin		Whole Basin		Whole Basin		Whole Basin		Whole Basin		Whole Basin			
1995 O 1	2,483	357	1,661	45	584	2,329	1,669	3,584	1,783	1,461	4,242	4,078	24,276	56,207		
2	1,443	26	784	14	275	2,120	144	2,398	284	1,119	221	2,668	11,496	27,497		
3	180	20	133	20	47	316	136	364	356	140	140	1,440	3,292	9,228		
N	3,264	-	1,598	-	562	4,697	-	5,612	-	2,562	-	4,361	22,656	83,028		
D	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1996 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
F	321	-	158	-	55	462	-	552	-	252	-	429	2,229	2,229		
M	2,996	-	1,471	-	517	4,312	-	5,152	-	2,352	-	4,004	20,804	52,306		
A 1	1,294	7	651	7	229	1,882	48	2,243	55	1,015	49	2,148	9,628	21,983		
2	505	15	265	3	93	679	70	849	69	376	145	780	3,849	33,468		
3	403	99	306	12	107	208	465	547	439	183	1,073	721	4,563	10,429		
M 1	332	109	293	22	103	135	533	453	517	128	1,243	1,227	5,095	23,014		
2	9,154	55	4,555	9	1,601	12,973	255	15,662	247	7,108	526	12,447	64,592	99,707		
3	314	167	337	22	118	-171	782	296	747	16	1,984	863	5,475	39,375		
J 1	2,833	886	2,379	90	836	650	4,096	3,293	3,873	976	10,152	4,215	34,279	138,904		
2	9,797	1,973	6,922	179	2,432	6,191	9,063	13,391	8,540	4,862	22,939	12,681	98,970	272,440		
3	6,182	922	4,088	103	1,436	5,340	4,279	8,928	4,061	3,510	11,335	9,217	59,401	196,039		
J 1	5,020	755	3,348	79	1,176	4,329	3,495	7,142	3,309	2,840	8,750	7,190	47,433	152,828		
2	13,176	605	7,349	63	2,582	17,000	2,796	21,005	2,645	9,533	5,175	17,804	99,733	455,034		
3	14,401	688	7,979	71	2,803	18,327	3,183	23,152	3,009	10,372	6,321	19,505	109,811	228,268		
A 1	5,376	610	3,483	56	1,224	5,639	2,804	7,645	2,643	3,386	5,954	6,974	45,794	164,782		
2	6,556	545	4,052	49	1,424	7,702	2,500	9,605	2,351	4,421	4,658	8,363	52,226	311,931		
3	678	719	1,290	67	453	-1,554	3,307	-608	3,117	-454	9,138	713	16,866	49,547		
S 1	-291	585	501	54	176	-2,724	2,692	-1,560	2,537	-1,059	7,772	-441	8,242	29,405		
2	5,621	423	3,384	36	1,189	6,694	1,935	8,420	1,817	3,841	4,513	7,108	44,981	91,117		
3	-63	404	420	40	147	-1,653	1,863	-838	1,757	-615	5,496	21	6,979	13,583		
TOTAL	91,975	9,970	57,407	1,041	20,169	95,883	46,115	137,287	44,156	58,325	111,826	128,516	802,670	2,562,349		

Remarks: M* includes the diversion water to tideland reclamation area (2,500 ha).

Table G 29 Continued (25)

Year: 2001 (NSB)

Unit: 10³m³

Sub-basin Code No. C.A. km ²	01		02		03		04		05		06(1)		06(2)		06(3)		06(4)		Sub-total NSB
	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	T	M	
2000 O 1	281	252	24	-50	-506	999	-48	292	465	367	552	2,720							
2	168	265	575	349	1,225	225	1,183	62	920	1,180	1,333	7,504							
3	233	268	180	123	212	247	329	51	281	414	279	2,635							
N	288	864	2,736	1,728	6,480	-	5,616	-	4,032	5,184	5,472	32,400							
D	-	-	-	-	-	-	-	-	-	-	-	-							
2001 J	-	-	-	-	-	-	-	-	-	-	-	-							
F	-	-	-	-	-	-	-	-	-	-	-	-							
M	56	168	532	336	1,260	-	1,092	-	784	1,008	1,064	6,300							
A 1	294	336	210	151	252	252	386	44	294	473	273	2,982							
2	244	452	1,027	625	2,174	444	2,063	130	1,704	2,090	2,236	13,230							
3	240	252	99	52	-80	456	135	117	272	320	242	2,144							
M 1	412	488	408	251	501	660	756	168	780	983	874	6,336							
2	673	928	1,447	745	2,129	2,407	2,698	723	3,255	3,488	4,052	22,767							
3	1,114	1,242	1,091	321	-89	5,047	1,683	1,531	4,029	3,642	4,740	24,820							
J 1	1,523	2,155	3,468	1,905	5,714	4,475	6,626	1,320	7,097	7,978	8,962	51,631							
2	1,936	2,104	1,805	556	-54	8,104	2,897	2,449	6,490	6,015	7,942	40,994							
3	1,955	2,610	3,851	2,009	5,657	6,261	7,177	1,861	8,458	9,236	10,625	60,273							
J 1	1,558	2,039	2,962	1,537	4,309	4,890	5,550	1,451	6,525	7,156	8,341	46,765							
2	1,964	3,874	10,150	6,153	22,295	3,277	20,746	986	16,443	20,453	22,916	129,560							
3	1,403	1,497	1,571	616	1,032	5,033	2,894	1,513	4,631	4,710	6,446	31,811							
A 1	1,227	1,834	4,056	2,249	7,770	3,617	8,217	1,111	7,717	9,015	11,143	58,295							
2	1,056	1,554	3,443	1,888	6,526	3,238	6,990	1,001	6,654	7,729	9,693	50,076							
3	1,149	1,149	938	259	-132	4,424	1,613	1,333	3,434	3,285	4,729	22,590							
S 1	821	882	831	242	36	3,689	1,359	1,124	3,001	2,765	3,804	18,898							
2	731	874	1,119	450	942	3,298	1,985	1,012	3,270	3,185	4,165	21,339							
3	709	716	341	38	-688	2,710	417	806	1,729	1,508	1,988	10,522							
TOTAL	20,035	26,803	42,864	22,533	66,965	63,753	82,364	19,085	92,265	102,184	121,871	666,592							

Table G 29 Continued (26)

Year: 2001 (CSB)

Unit: 10³ m³

Sub-basin Code No. C.A. km ²	05 <u>737</u>		06(1) <u>1,467</u>		06(2) <u>899</u>		07 <u>235</u>		08 <u>1,309</u>		09 <u>544</u>		10 <u>768</u>	
	T	M	T	M	T	M	T	M	T	M	T	M	T	M
2000 O 1	2,256	804	4,133	542	2,763	240	5,311	1,845	2,602	1,088				
2	814	154	1,391	32	655	80	1,821	530	772	232				
3	238	238	561	-	357	51	1,190	51	374	374				
N	2,970	-	5,562	-	2,106	297	6,804	2,295	3,024	-				
D	-	-	-	-	-	-	-	-	-	-				
2001 J	-	-	-	-	-	-	-	-	-	-				
F	-	-	-	-	-	-	-	-	-	-				
M 2	2,530	-	4,738	-	1,794	253	5,796	1,955	2,576	-				
A 1	843	238	1,694	-	786	112	2,577	518	990	374				
2	1,631	126	3,102	32	1,294	174	3,984	1,226	1,732	188				
3	50	468	213	216	653	34	736	27	326	660				
M 1	715	706	1,541	282	1,387	121	2,711	478	1,136	1,014				
2	886	748	1,846	282	1,527	142	3,173	571	1,314	1,080				
3	125	1,299	577	595	1,799	95	2,039	49	887	1,842				
J 1	2,462	3,883	5,391	2,340	7,511	431	9,246	2,381	4,803	5,334				
2	6,321	8,313	13,065	5,653	17,509	947	20,036	6,608	11,295	11,204				
3	3,814	5,069	8,090	3,097	10,241	611	13,063	3,561	6,754	6,949				
J 1	2,670	4,181	5,775	2,555	8,108	456	9,670	2,570	5,083	5,729				
2	20,780	3,009	38,249	1,863	18,735	2,120	47,895	16,169	22,022	4,115				
3	5,567	4,014	9,902	2,588	9,578	634	13,618	4,674	7,134	5,456				
A 1	3,496	3,406	6,159	2,306	7,429	411	8,618	3,167	4,888	4,569				
2	18,899	2,463	34,836	1,764	16,995	1,906	43,017	14,997	20,044	3,287				
3	-1,717	3,378	-3,432	2,372	3,877	-105	-3,186	-718	-275	4,532				
S 1	-1,948	2,701	-3,413	1,863	2,817	-107	-3,020	-954	-514	3,631				
2	458	2,491	1,052	1,764	4,252	122	2,242	919	1,828	3,331				
3	-2,559	2,729	-4,366	1,764	2,350	-144	-3,804	-1,515	-1,026	3,705				
TOTAL	71,281	50,418	136,666	31,910	124,523	8,881	193,537	61,404	97,769	68,721				

Table G 29 Continued (27)

Unit: 10³ m³

Sub-basin Code No. C.A. km ²	Year: 2001 (CSB)			Year: 2001 (CSB)			Year: 2001 (CSB)			Sub-total
	11 781 T	12 925 T	13 401 T	13 401 T	14 808 T	14 808 T	M	CSB		
2000 O 1	2,005	2,336	1,013	2,799	2,799	295	30,032			
2	504	719	291	749	749	29	8,773			
3	68	408	34	94	94	26	4,064			
N	1,998	1,836	999	3,456	3,456	-	31,347			
D	-	-	-	-	-	-	-			
2001 J	-	-	-	-	-	-	-			
F	-	-	-	-	-	-	-			
M	1,702	1,564	851	2,944	2,944	-	26,703			
A 1	475	782	237	798	798	26	10,450			
2	1,099	1,147	548	1,854	1,854	26	18,163			
3	188	542	77	58	58	134	4,382			
M 1	642	1,215	300	752	752	184	13,184			
2	728	1,354	343	897	897	198	15,060			
3	503	1,501	207	130	130	369	12,017			
J 1	3,780	5,788	1,724	3,728	3,728	1,317	60,119			
2	9,774	13,075	4,512	10,211	10,211	3,069	141,592			
3	5,409	7,972	2,527	5,591	5,591	1,737	84,485			
J 1	4,143	6,281	1,925	4,058	4,058	1,433	64,637			
2	15,481	16,448	7,863	24,404	24,404	1,041	240,194			
3	5,982	8,148	3,062	7,122	7,122	1,428	88,907			
A 1	4,440	6,133	2,252	4,841	4,841	1,253	63,395			
2	14,334	14,606	7,228	22,617	22,617	945	217,938			
3	1,084	2,829	526	-1,008	-1,008	1,276	9,433			
S 1	497	1,809	155	-1,360	-1,360	1,008	3,165			
2	2,048	3,060	933	1,449	1,449	948	26,897			
3	-53	1,428	-141	-2,196	-2,196	973	-2,855			
TOTAL	76,831	100,981	37,466	93,988	93,988	17,706	1,172,082			

Table G 29 Continued (28)

Unit: 10³ m³

Year: 2001 (SSB)

Sub-basin Code No. C.A. km ²	15(1) 1,266		15(2) 753		15(3) 264		16 1,181		17 977		18 921		19 1,447		Sub- total SSB	TOTAL 23,656
	T	M	T	M	T	M	T	M	T	M	T	M*	T	M		
2000 O 1	2,560	376	1,726	50	606	1,810	3,639	1,644	1,493	4,286	4,293	24,837	57,589			
2	1,535	29	827	17	291	164	2,429	159	1,163	234	2,825	11,868	28,145			
3	216	24	160	24	56	160	400	160	160	160	1,600	3,480	10,179			
N	3,538	-	1,715	-	603	4,941	5,673	-	2,684	-	4,575	23,729	87,476			
D	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2001 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
F	348	-	169	-	59	486	558	-	264	-	450	2,334	2,334			
M	3,248	-	1,575	-	553	4,536	5,208	-	2,464	-	4,200	21,784	54,787			
A 1	1,410	8	703	8	247	1,989	2,279	56	1,068	56	2,285	10,165	23,597			
2	545	15	283	3	100	714	862	71	394	147	825	4,035	35,428			
3	419	103	323	12	113	221	568	455	190	1,086	776	4,771	11,297			
M 1	353	115	318	24	112	157	489	535	138	1,266	1,350	5,442	24,962			
2	9,913	57	4,873	9	1,712	13,647	15,838	254	7,444	532	13,070	67,625	105,452			
3	309	175	352	24	124	-179	321	772	12	2,005	940	5,704	42,541			
J 1	2,807	929	2,448	95	860	570	3,377	3,998	950	10,245	4,422	35,131	146,881			
2	10,066	2,064	7,200	185	2,530	6,310	13,629	8,816	4,938	23,121	13,246	101,890	284,476			
3	6,396	968	4,254	110	1,495	5,451	9,046	4,191	3,582	11,439	9,653	61,219	205,977			
J 1	5,157	791	3,464	84	1,217	4,371	7,218	3,416	2,881	8,831	7,486	48,697	160,099			
2	13,874	634	7,676	66	2,697	17,500	21,170	2,731	9,840	5,238	18,500	102,950	472,704			
3	15,253	721	8,381	74	2,945	18,946	23,379	3,107	10,742	6,394	20,342	113,769	234,487			
A 1	5,445	639	3,549	59	1,247	5,589	7,670	2,729	3,408	6,011	7,134	46,508	168,198			
2	6,670	570	4,126	50	1,450	7,671	9,619	2,429	4,467	4,708	8,530	52,990	321,004			
3	328	752	1,195	69	420	-1,981	-663	3,219	-620	9,207	573	16,072	48,095			
S 1	-494	612	466	56	164	-2,945	-1,554	2,620	-1,163	7,827	-485	8,012	30,075			
2	5,775	441	3,468	36	1,218	6,735	8,446	1,877	3,904	4,549	7,278	45,814	94,050			
3	-192	442	402	41	141	-1,794	-826	1,816	-680	5,537	16	6,898	14,565			
TOTAL	95,479	10,445	59,653	1,096	20,960	97,884	138,775	45,055	59,723	112,879	133,884	825,724	2,664,398			

Remarks: M* includes the diversion water to tideland reclamation area (2,500 ha).

Table G 30 NET AGRICULTURAL WATER WITHDRAWAL
IN THE SEOMJIN RIVER BASIN

Unit: 10³ m³

Year: 1968 (Seomjin River Basin)

Sub-basin Code No. C.A. km ²	01		02(1)		02(2)		02(3)		03		04		05		Total 4,934.0
	1,129.4		309.3		735.0		275.0		664.0		1,058.3		763.0		
	T	M	T	M	T	M	T	M	T	M	T	M	T	M	
1967 O 1	3,135	379	556	34	1,507	34	992	1,932	2,936	791	12,262				
2	1,996	280	300	25	828	25	546	1,150	1,563	321	7,009				
3	918	127	140	11	387	11	256	533	734	157	3,263				
N	3,591	-	1,270	-	3,281	-	2,147	2,903	6,750	2,971	22,913				
D	-	-	-	-	-	-	-	-	-	-	-				
1968 J	-	-	-	-	-	-	-	-	-	-	-				
F	27	-	9	-	24	-	16	22	50	22	170				
M	1,808	-	639	-	1,652	-	1,082	1,462	3,400	1,496	11,539				
A 1	319	-	113	-	292	-	190	258	600	264	2,036				
2	931	-	330	-	851	-	557	753	1,750	771	5,943				
3	-	-	-	-	-	-	-	-	-	-	-				
M 1	1,490	-	527	-	1,361	-	890	1,204	2,800	1,232	9,504				
2	1,062	86	249	8	662	8	435	715	1,318	467	5,002				
3	-52	26	-58	2	-142	2	-93	-87	-306	-169	-879				
J 1	3,465	20	1,196	2	3,096	2	2,026	2,769	6,358	2,773	21,705				
2	5,542	539	1,136	49	3,040	49	1,999	3,985	6,368	2,036	24,694				
3	8,190	1,038	1,360	94	3,714	94	2,447	5,149	7,365	1,842	31,199				
J 1	-92	353	-564	32	-1,389	32	-903	-473	-2,857	-1,747	-7,640				
2	5,110	412	1,179	37	3,123	37	2,051	3,739	6,500	2,276	24,427				
3	5,394	559	1,072	50	2,878	50	1,892	3,643	5,844	1,808	23,140				
A 1	12,071	340	3,706	31	9,647	31	6,321	9,859	20,319	8,396	70,690				
2	9,188	246	2,831	22	7,365	22	4,825	7,618	15,606	6,454	54,155				
3	4,597	373	1,035	34	2,729	34	1,792	3,658	5,966	2,052	22,236				
S 1	5,670	333	1,468	30	3,861	30	2,534	4,551	8,275	3,128	29,850				
2	3,978	319	909	29	2,411	29	1,583	3,018	5,119	1,784	19,150				
3	1,274	359	-79	32	-134	32	-82	499	-395	-653	821				
TOTAL	79,612	5,789	19,324	522	51,044	522	35,503	58,860	106,063	38,472	393,189				

Table G 30 Continued (2)

Year: 1976 (Seomjin River Basin)

Sub-basin Code No. C.A. km ²	01 1,129.4		02(1) 309.3		02(2) 735.0		02(3) 275.0		03 664.0		04 1,058.3		05 763.0		Total 4,934.0
	T		M		T		T		T		T		T		
	T	M	T	M	T	T	T	T	T	T	T	T	T	T	
1975 O 1	1,912	241	411	26	1,130	739	1,320	2,200	678	8,657					
2	499	67	102	7	287	188	333	545	160	2,188					
3	235	16	57	2	153	99	166	314	121	1,163					
N	4,712	-	1,337	-	3,430	2,241	3,497	7,412	3,335	25,964					
D	-	-	-	-	-	-	-	-	-	-					
1976 J	-	-	-	-	-	-	-	-	-	-					
F	35	-	10	-	26	17	26	55	25	194					
M	2,373	-	673	-	1,727	1,129	1,761	3,733	1,680	13,076					
A 1	419	-	119	-	305	199	311	659	296	2,308					
2	1,318	16	365	2	941	614	970	2,016	887	7,129					
3	439	67	86	7	243	160	283	439	112	1,836					
M 1	2,275	59	613	7	1,590	1,039	1,651	3,356	1,435	12,025					
2	1,027	108	230	11	623	408	698	1,222	413	4,740					
3	1,015	199	175	22	509	334	635	868	135	3,892					
J 1	10,888	481	2,884	52	7,543	4,934	8,213	16,073	6,564	57,632					
2	8,140	1,211	1,720	133	4,779	3,131	5,917	9,368	2,591	36,990					
3	1,694	663	166	73	626	414	1,240	871	-503	5,244					
J 1	2,570	532	473	58	1,374	901	1,866	2,556	435	10,765					
2	5,799	564	1,396	61	3,751	2,456	4,405	7,793	2,730	28,955					
3	6,014	771	1,321	84	3,621	2,372	4,323	7,171	2,200	27,877					
A 1	13,951	441	3,871	48	10,053	6,575	11,080	22,009	9,215	77,243					
2	10,489	325	2,939	35	7,628	4,989	8,480	16,816	7,040	58,741					
3	4,275	481	1,076	52	2,900	1,901	3,722	6,380	2,150	22,937					
S 1	5,534	397	1,472	43	3,886	2,545	4,647	8,566	3,248	30,338					
2	3,808	374	950	41	2,547	1,668	3,101	5,463	1,919	19,871					
3	384	341	-68	38	-70	-71	178	-487	-667	-422					
TOTAL	89,805	7,354	22,378	802	59,612	38,982	68,823	125,398	46,199	459,343					

Table G 30 Continued (3)

Unit: 10³m³

Year: 1981 (Seomjin River Basin)

Sub-basin Code No. C.A. km ²	01		02(1)		02(2)		02(3)		03		04		05		Total 4,934.0
	T	M	T	M	T	M	T	M	T	M	T	M	T	M	
1980 O 1	1,954	280	438	33	1,203	798	1,432	2,382	776	9,296					
2	518	85	112	11	311	206	372	603	196	2,414					
3	258	31	60	5	168	107	190	347	145	1,311					
N	5,063	-	1,378	-	3,578	2,336	3,713	7,830	3,578	27,476					
D	-	-	-	-	-	-	-	-	-	-					
1981 J	-	-	-	-	-	-	-	-	-	-					
F	38	-	11	-	27	17	28	58	27	206					
M	2,550	-	694	-	1,802	1,176	1,870	3,944	1,802	13,838					
A 1	468	18	127	4	329	212	348	714	336	2,556					
2	1,408	18	377	2	982	641	1,030	2,132	954	7,544					
3	450	79	96	10	266	178	320	494	141	2,034					
M 1	2,428	70	636	9	1,670	1,095	1,772	3,575	1,559	12,814					
2	1,067	128	245	16	668	440	767	1,333	475	5,139					
3	1,022	234	195	27	562	376	718	994	203	4,331					
J 1	11,406	553	2,982	64	7,872	5,163	8,681	16,918	7,037	60,676					
2	8,122	1,378	1,826	158	5,054	3,367	6,317	9,989	2,894	39,105					
3	1,469	762	197	88	686	482	1,326	947	-488	5,469					
J 1	2,497	619	511	72	1,471	989	2,009	2,749	527	11,444					
2	5,904	651	1,454	75	3,926	2,592	4,652	8,194	2,941	30,389					
3	6,095	893	1,399	104	3,840	2,545	4,646	7,682	2,468	29,672					
A 1	14,548	503	3,960	58	10,394	6,809	11,536	22,848	9,684	80,340					
2	10,896	365	2,998	42	7,862	5,151	8,782	17,375	7,348	60,819					
3	4,175	545	1,094	63	2,957	1,948	3,772	6,431	2,161	23,146					
S 1	5,570	446	1,497	50	3,980	2,620	4,751	8,739	8,331	30,984					
2	3,806	420	977	48	2,626	1,735	3,198	5,615	1,989	20,414					
3	258	390	-49	46	-40	-8	227	-443	-659	-278					
TOTAL	91,970	8,468	23,215	985	62,194	40,975	72,457	131,450	49,425	481,139					

Table G 30 Continued (4)

Year: 1986 (Seomjin River Basin)

Sub-basin Code No. C.A. km ²	01		02(1)		02(2)		02(3)		03		04		05		Total 4,934.0
	1,129.4		309.3		735.0		275.0		664.0		1,058.3		763.0		
	T	M	T	M	T	M	T	M	T	M	T	M	T	M	
1985 O 1	1,882	322	464	42	1,304	42	1,304	852	1,537	2,572	876	9,951			
2	535	104	118	14	344	222	344	222	409	665	233	2,644			
3	279	45	63	8	185	116	185	116	219	378	168	1,461			
N	5,400	-	1,459	-	3,767	2,471	3,767	2,471	4,185	8,168	3,781	29,231			
D	-	-	-	-	-	-	-	-	-	-	-	-			
1986 J	-	-	-	-	-	-	-	-	-	-	-	-			
F	40	-	11	-	28	18	11	18	31	61	29	218			
M	2,720	-	735	-	1,897	1,244	1,897	1,244	2,108	4,114	1,904	14,722			
A 1	515	35	129	7	356	220	356	220	407	761	371	2,801			
2	1,494	20	399	3	1,035	679	1,035	679	1,155	2,229	1,012	8,026			
3	458	92	103	12	298	194	298	194	349	553	171	2,230			
M 1	2,570	81	677	10	1,775	1,163	1,775	1,163	1,987	3,764	1,666	13,693			
2	1,100	149	261	19	726	472	726	472	841	1,443	535	5,546			
3	1,018	271	211	36	636	412	636	412	768	1,132	274	4,758			
J 1	11,872	632	3,132	79	8,290	5,431	8,290	5,431	9,467	17,666	7,451	64,020			
2	8,032	1,559	1,914	194	5,429	3,550	5,429	3,550	6,536	10,679	3,213	41,106			
3	1,214	868	193	110	772	498	772	498	1,154	1,110	-439	5,480			
J 1	2,395	711	532	91	1,603	1,042	1,603	1,042	2,013	2,990	633	12,010			
2	5,971	746	1,516	94	4,152	2,715	4,152	2,715	4,900	8,599	3,143	31,836			
3	6,128	1,024	1,473	130	4,132	2,696	4,132	2,696	4,907	8,221	2,739	31,450			
A 1	15,081	570	4,118	71	10,806	7,087	10,806	7,087	12,405	23,552	10,067	83,757			
2	11,252	410	3,105	51	8,137	5,342	8,137	5,342	9,374	17,837	7,592	63,100			
3	4,040	616	1,096	76	3,015	1,977	3,015	1,977	3,717	6,515	2,171	23,223			
S 1	5,572	500	1,526	62	4,085	2,682	4,085	2,682	4,866	8,907	3,397	31,597			
2	3,775	470	999	58	2,721	1,786	2,721	1,786	3,262	5,779	2,055	20,905			
3	119	442	-51	55	8	1	8	1	129	-349	-630	-276			
TOTAL	93,562	9,667	24,183	1,222	65,501	42,870	65,501	42,870	76,726	137,346	52,412	503,489			

Table G 30 Continued (5)

Year: 1991 (Seomjin River Basin)

Sub-basin Code No. C.A. km ²	01		02(1)		02(2)		02(3)		03		04		05		Total 4,934.0
	1,129.4		309.3		735.0		285.0		664.0		1,058.3		763.0		
	T	M	T	M	T	M	T	M	T	M	T	M	T	M	
1990 O 1	2,026	348	487	49	1,381	899	1,651	2,808	1,651	2,808	972	10,621			
2	553	118	125	19	374	239	449	747	449	747	266	2,890			
3	302	59	67	13	209	127	248	424	248	424	193	1,642			
N	5,738	-	1,539	-	3,969	2,593	4,590	8,505	4,590	8,505	4,050	30,984			
D	-	-	-	-	-	-	-	-	-	-	-	-			
1991 J	-	-	-	-	-	-	-	-	-	-	-	-			
F	43	-	11	-	29	20	34	63	34	63	30	230			
M	2,890	-	775	-	1,999	1,306	2,312	4,284	2,312	4,284	2,040	15,606			
A 1	564	53	137	14	395	244	461	826	461	826	413	3,107			
2	1,582	21	420	3	1,090	713	1,264	2,327	1,264	2,327	1,085	8,505			
3	469	100	110	14	320	208	382	627	382	627	198	2,428			
M 1	2,717	90	714	13	1,876	1,225	2,180	3,966	2,180	3,966	1,800	14,581			
2	1,140	164	276	24	774	502	918	1,580	918	1,580	597	5,975			
3	1,030	296	224	42	686	442	833	1,315	833	1,315	337	5,205			
J 1	12,379	680	3,272	92	8,676	5,666	10,177	18,487	10,177	18,487	7,956	67,385			
2	8,030	1,665	1,973	219	5,648	3,696	6,829	11,562	6,829	11,562	3,494	43,116			
3	1,008	933	174	126	771	503	1,063	1,383	1,063	1,383	-451	5,510			
J 1	2,334	771	540	107	1,669	1,084	2,065	3,329	2,065	3,329	709	12,608			
2	6,081	805	1,565	110	4,320	2,818	5,157	9,095	5,157	9,095	3,355	33,306			
3	6,220	1,107	1,529	153	4,336	2,825	5,202	8,899	5,202	8,899	2,997	33,268			
A 1	15,668	610	4,264	81	11,207	7,324	13,161	24,288	13,161	24,288	10,588	87,191			
2	11,654	434	3,204	56	8,404	5,500	9,884	18,310	9,884	18,310	7,938	65,384			
3	3,956	656	1,088	85	3,025	1,982	3,690	6,642	3,690	6,642	2,175	23,299			
S 1	5,618	528	1,547	68	4,157	2,725	4,977	9,094	4,977	9,094	3,487	32,201			
2	3,780	497	1,015	64	2,775	1,822	3,338	5,980	3,338	5,980	2,123	21,394			
3	-	474	-60	63	3	4	78	-195	78	-195	-639	-270			
TOTAL	95,784	10,409	24,996	1,413	68,093	44,467	80,943	144,346	80,943	144,346	55,713	526,166			

Table G 30 Continued (6)

Year: 1996 (Seomjin River Basin)

Unit: 10³ m³

Sub-basin Code No. C.A. km ²	01		02(1)		02(2)		02(3)		03		04		05		Total 4,934.0
	T	M	T	M	T	M	T	M	T	M	T	M	T	M	
1995 O 1	2,054	376	509	56	1,464	56	948	1,765	3,042	1,069	11,283				
2	573	138	131	24	408	24	255	489	829	301	3,148				
3	327	80	70	18	231	18	137	276	470	217	1,826				
N	6,075	-	1,607	-	4,118	-	2,714	4,995	8,843	4,320	32,672				
D	-	-	-	-	-	-	-	-	-	-	-				
1996 J	-	-	-	-	-	-	-	-	-	-	-				
F	45	-	12	-	31	-	20	37	66	32	243				
M	3,060	-	809	-	2,074	-	1,367	2,516	4,454	2,176	16,456				
A 1	617	81	143	21	429	21	262	514	891	454	3,412				
2	1,667	22	439	3	1,132	3	746	1,373	3,426	1,159	8,967				
3	480	110	116	17	346	17	222	415	702	227	2,635				
M 1	2,860	97	748	15	1,960	15	1,286	2,372	4,170	1,934	15,442				
2	1,175	181	291	29	824	29	532	994	1,711	659	6,396				
3	1,028	323	236	49	746	49	475	897	1,497	400	5,651				
J 1	12,867	728	3,395	105	9,002	105	5,902	10,887	19,298	8,461	70,645				
2	7,963	1,757	2,040	244	5,922	244	3,850	7,121	12,429	3,778	45,104				
3	772	995	167	142	833	142	512	972	1,646	-462	5,577				
J 1	2,248	832	554	123	1,772	123	1,129	2,116	3,661	756	13,191				
2	6,170	864	1,613	126	4,495	126	2,925	5,414	9,580	3,566	34,753				
3	6,271	1,192	1,588	175	4,567	175	2,958	5,497	9,570	3,258	35,076				
A 1	16,250	646	4,391	91	11,512	91	7,563	13,917	25,000	11,099	90,469				
2	12,055	453	3,290	61	8,602	61	5,657	10,394	18,762	8,276	67,550				
3	3,860	691	1,086	96	3,056	96	1,992	3,663	6,749	2,172	23,365				
S 1	5,655	549	1,566	73	4,224	73	2,771	5,088	9,279	3,569	32,774				
2	3,773	518	1,032	69	2,838	69	1,858	3,414	6,170	2,189	21,861				
3	-131	502	-63	72	37	72	9	27	-43	-645	-235				
TOTAL	97,714	11,135	25,770	1,609	70,623	46,090	85,153	151,202	58,965	548,261					

Table G 30 Continued (7)

Year: 2001 (Seomjin River Basin)

Unit: 10³ m³

Sub-basin Code No. C.A. km ²	01		02(1)		02(2)		02(3)		03		04		05		Total 4,934.0
	T	M	T	M	T	M	T	M	T	M	T	M	T	M	
2000 O 1	2,078	400	540	67	1,548	1,011	1,859	3,269	1,190	1,190	3,269	1,190	1,190	1,190	11,962
2	590	155	140	33	436	279	530	909	350	350	909	350	350	350	3,422
3	357	97	74	28	245	153	315	516	255	255	516	255	255	255	2,040
N	6,480	-	1,674	-	4,294	2,808	5,400	9,180	4,590	4,590	9,180	4,590	4,590	4,590	34,426
D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2001 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F	48	-	12	-	32	21	40	68	34	34	68	34	34	34	255
M	3,264	-	843	-	2,162	1,414	2,720	4,628	2,312	2,312	4,628	2,312	2,312	2,312	17,343
A 1	681	105	149	35	452	285	585	956	513	513	956	513	513	513	3,761
2	1,770	22	458	3	1,182	773	1,480	2,524	1,234	1,234	2,524	1,234	1,234	1,234	9,446
3	485	119	124	21	371	241	443	771	264	264	771	264	264	264	2,839
M 1	3,029	105	783	19	2,052	1,341	2,560	4,367	2,075	2,075	4,367	2,075	2,075	2,075	16,331
2	1,211	195	307	36	873	569	1,064	1,839	735	735	1,839	735	735	735	6,829
3	1,015	347	257	61	805	523	947	1,670	487	487	1,670	487	487	487	6,112
J 1	13,435	769	3,529	124	9,364	6,121	11,571	20,093	9,011	9,011	20,093	9,011	9,011	9,011	74,017
2	7,832	1,838	2,143	279	6,209	4,063	7,308	13,247	4,159	4,159	13,247	4,159	4,159	4,159	47,078
3	459	1,049	178	167	878	571	833	1,883	-413	-413	1,883	-413	-413	-413	5,605
J 1	2,123	887	583	149	1,864	1,212	2,135	3,970	919	919	3,970	919	919	919	13,842
2	6,256	916	1,675	150	4,672	3,050	5,640	10,046	3,832	3,832	10,046	3,832	3,832	3,832	36,237
3	6,299	1,265	1,669	210	4,799	3,131	5,738	10,211	3,596	3,596	10,211	3,596	3,596	3,596	36,918
A 1	16,950	678	4,517	105	11,862	7,757	14,675	25,711	11,646	11,646	25,711	11,646	11,646	11,646	93,901
2	12,539	469	3,371	67	8,832	5,778	10,908	19,214	8,635	8,635	19,214	8,635	8,635	8,635	69,813
3	3,739	721	1,088	108	3,079	2,013	3,623	6,851	2,206	2,206	6,851	2,206	2,206	2,206	23,428
S 1	5,696	568	1,589	80	4,298	2,814	5,188	9,454	3,677	3,677	9,454	3,677	3,677	3,677	33,364
2	3,753	535	1,053	76	2,906	1,903	3,468	6,350	2,279	2,279	6,350	2,279	2,279	2,279	22,323
3	-311	527	-56	82	63	41	-56	90	-623	-623	90	-623	-623	-623	-243
TOTAL	99,778	11,767	26,700	1,900	73,278	47,872	88,974	157,817	62,963	62,963	157,817	62,963	62,963	62,963	571,049

Table G 31 COMPOSITION OF COST ITEMS

Unit: %

Cost Items	Irrigation	Drainage	Consoli- dation	Recla- mation
1. Labor cost	18	16	16	16
2. Material cost	77	78	32	32
3. Machinery ope. cost	2	2	17	17
4. Equipment cost	3	4	15	35

Source: Nagdong River Basin Development Project
Feasibility Study, KOR 75, UNDP/ADB/MOC

Table G 32 PRICE INDEX

Price Items	1978	1977	1976	1975
1. Labour cost	352	251	187	100
2. Construction material	124	117	107	100
3. Machinery ope. cost	114	109	108	100
4. Equipment	116	112	107	100

Remarks: Price index in 1978 shows the
average value from May to July.

Source : Monthly Statistics in Korea
EPB. Nov. 1978

Table G 33 CONSTRUCTION COST OF IRRIGATION PROJECT

- Actual Area and Construction Cost in
Irrigation Project Completed in 1977 -

Unit: W10⁶

No.	Do	Project	Benefit Area (ha)	Construction Cost		
				Total	Disbursement 1977	1976
1.	Reservoir Irrigation					
1.1	Gyeonggi	Insan	100	432	219	213
1.2	Chungcheon-nam	Yeobang	86	368	342	26
1.3	Chungcheon-nam	Dalseong	87	301	199	102
1.4	Gyeonsang-bug	Naechon	90	326	194	132
1.5	Gyeonsang-bug	Maegok	80	274	157	117
1.6	Gyeonsang-bug	Oggwan	130	696	375	321
1.7	Gyeonsang-nam	Hwangsang	68	230	49	181
2.	Pump Irrigation					
2.1	Gyeongsang-nam	Hwasin	72	170	85	85
2.2	Gyeongsang-bug	Jingjul	119	279	209	70
2.3	Gyeongsang-bug	Daedong	90	139	65	74
2.4	Gwangweon	Nampyeong	123	176	98	78

Source: Performance of Agricultural Water Source
Development Project, ADC, 1977 (Ref. G 14)

Table G 34 CONSTRUCTION COST ADJUSTED TO 1978 PRICE LEVEL

No.	Project	Benefit Area ha	Total ^{1/} Construction Cost W10 ⁶	1978 Price Level	
				Total Cost W10 ⁶	Unit Price W10 ³ /ha
1.	Reservoir Irrigation				
1.1	Insan	100	432	519	5,190
1.2	Yeobang	86	368	416	4,840
1.3	Dalseong	87	301	354	4,070
1.4	Naechon	90	326	387	4,300
1.5	Maegok	80	274	327	4,090
1.6	Oggwan	130	696	833	6,410
1.7	Hwangsan	68	230	288	4,240
1.8	Total	641	2,627	3,124	4,870
2.	Pump Irrigation				
2.1	Hwasin	72	170	204	2,830
2.2	Jingjul	119	279	324	2,720
2.3	Daedong	90	139	168	1,880
2.4	Nampyeong	123	176	210	1,710
2.5	Total	404	764	906	2,240
2.6	20% allowance of the above				460
2.7	Unit investment cost				2,700

Remarks; ^{1/} Total project cost means the total construction cost completed in 1977.

Table G 35 CONSTRUCTION COST OF GIMPO
TIDELAND RECLAMATION

Unit: W10⁶

	Unit	Main Features	Project Cost
1. Diversion canal	km	13	970 ^{1/}
2. Irrigation canal	km	35	1,490
3. Drainage canal	km	15	480
4. Sea dike	km	14	21,050
5. Levee	km	40	390
6. Drainage lock	ea	3	730
7. Paddy conversion	ha	3,600	7,560
8. O&M cost till taken over by the operation organization			6,530
9. Physical contingencies			7,800
10. Total (1-9)			47,000
11. Unit construction cost (W10 ³ /ha)			13,100

Remarks: ^{1/} Including pump station.
Land acquisition cost is not included.

Table G 36 CONSTRUCTION COST OF LAND CONSOLIDATION DESIGNED AND ESTIMATED BY UFLIA

No.	Do	Area	Benefit Area (ha)	Estimated Cost W10 ⁶
1.	Gyeonggi	Weondang	476	875
2.	"	Masan	371	618
3.	"	Jeoje	83	161
4.	"	Yeoncheon	184	262
5.	"	Naengjeong	171	388
6.	Chuncheong-bug	Palseong	123	188
7.	"	Sincheong	102	149
8.	Chuncheong-nam	Daeseon	138	218
9.	"	Weonbeol	224	352
10.	"	Deogryeong	236	432
11.	Jeonla-nam	Mundong	121	242
12.	"	Jindo	141	198
13.	"	Sanjeong	176	313
14.	Geongsang-bug	Goedang	110	188
15.	Geongsang-nam	Myeongseong	116	291
16.	"	Hwaje	100	145
Total			2,872	5,020
(Unit construction cost per ha: W10 ³)				(1,750)

Remarks: Cost estimate was made by using 1978 price level on the basis of detailed design executed by UFLIA in 1977.

Source : Data was provided by UFLIA.

Table G 37 UNIT CONSTRUCTION COST OF UPLAND IRRIGATION

	Benefit Area ha	Project Cost ^{1/}	1978 Price Level	
			Total Cost	Unit Cost W10 ³ /ha
Upland irrigation	260	551	705	2,700

Remarks: ^{1/} 1976 Price Level

Source : Namgang Area Development
Project, ADC, 1976

Table G 38 UNIT CONSTRUCTION COST OF
AGRICULTURAL LAND DEVELOPMENT

		Unit: W10 ³ /ha	
		Physical Contingency	Total
1. Reservoir	4,800	900	5,800
2. Pump	2,700	700	3,400
3. Tideland Reclamation	13,100 ^{1/}	-	13,100
4. Land Consolidation	1,750	350	2,100
5. Land Reclamation	1,900	400	2,300
6. Irrigated Upland	2,700	500	3,200 ^{2/}

Remarks: ^{1/} Physical contingency is included.
^{2/} Land acquisition cost is not included.

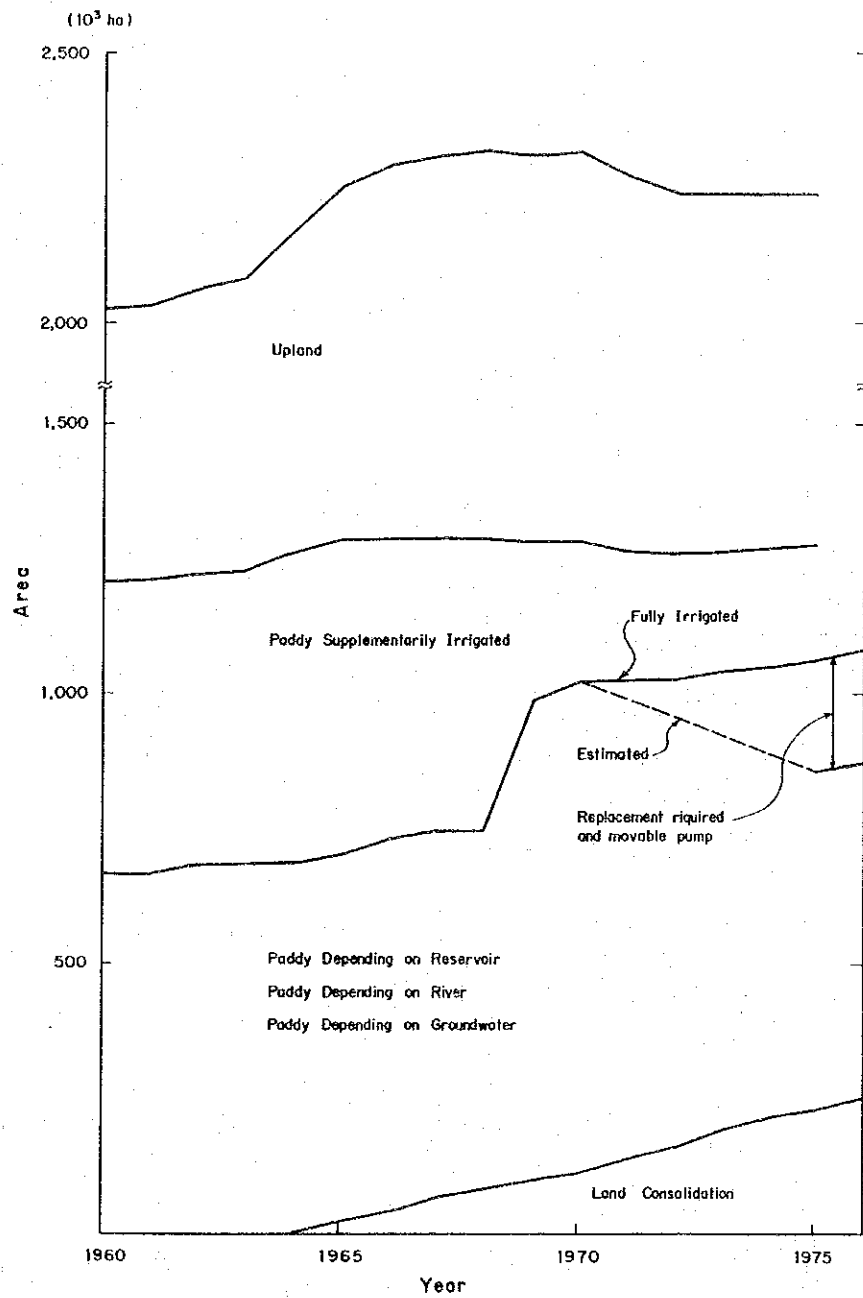


Fig. G 1 Historical Land Development in the Whole Country

MINISTRY OF CONSTRUCTION
 GOVERNMENT OF THE REPUBLIC OF KOREA
 THE LONG-TERM MULTIPURPOSE DAM SCHEMES
 PRELIMINARY FEASIBILITY STUDY
 JAPAN INTERNATIONAL COOPERATION AGENCY

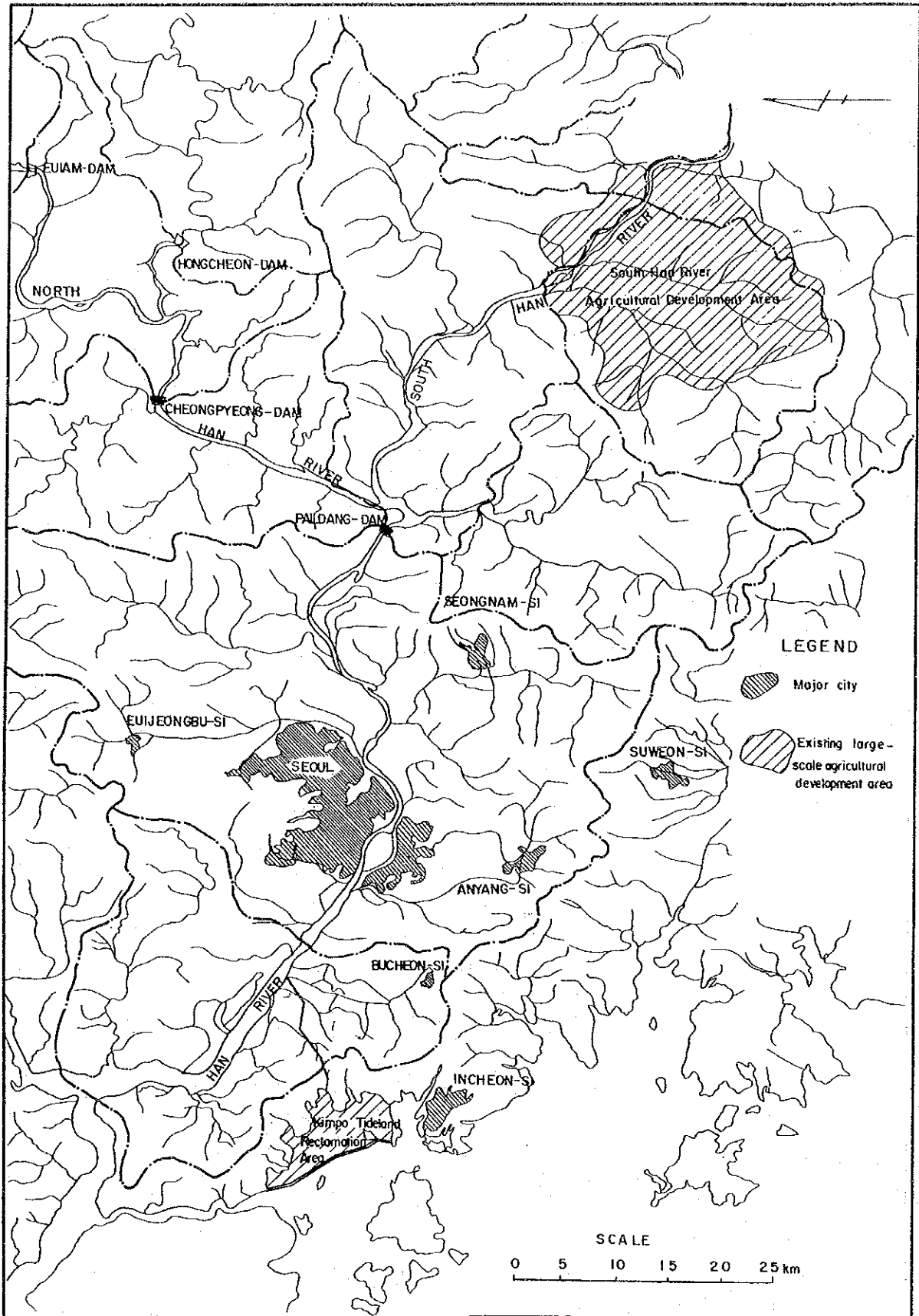


Fig. G 2 Planned Large-scale Agricultural Development Projects in the Han River Basin

MINISTRY OF CONSTRUCTION
 GOVERNMENT OF THE REPUBLIC OF KOREA
 THE LONG-TERM MULTIPURPOSE DAM SCHEMES
 PRELIMINARY FEASIBILITY STUDY
 JAPAN INTERNATIONAL COOPERATION AGENCY

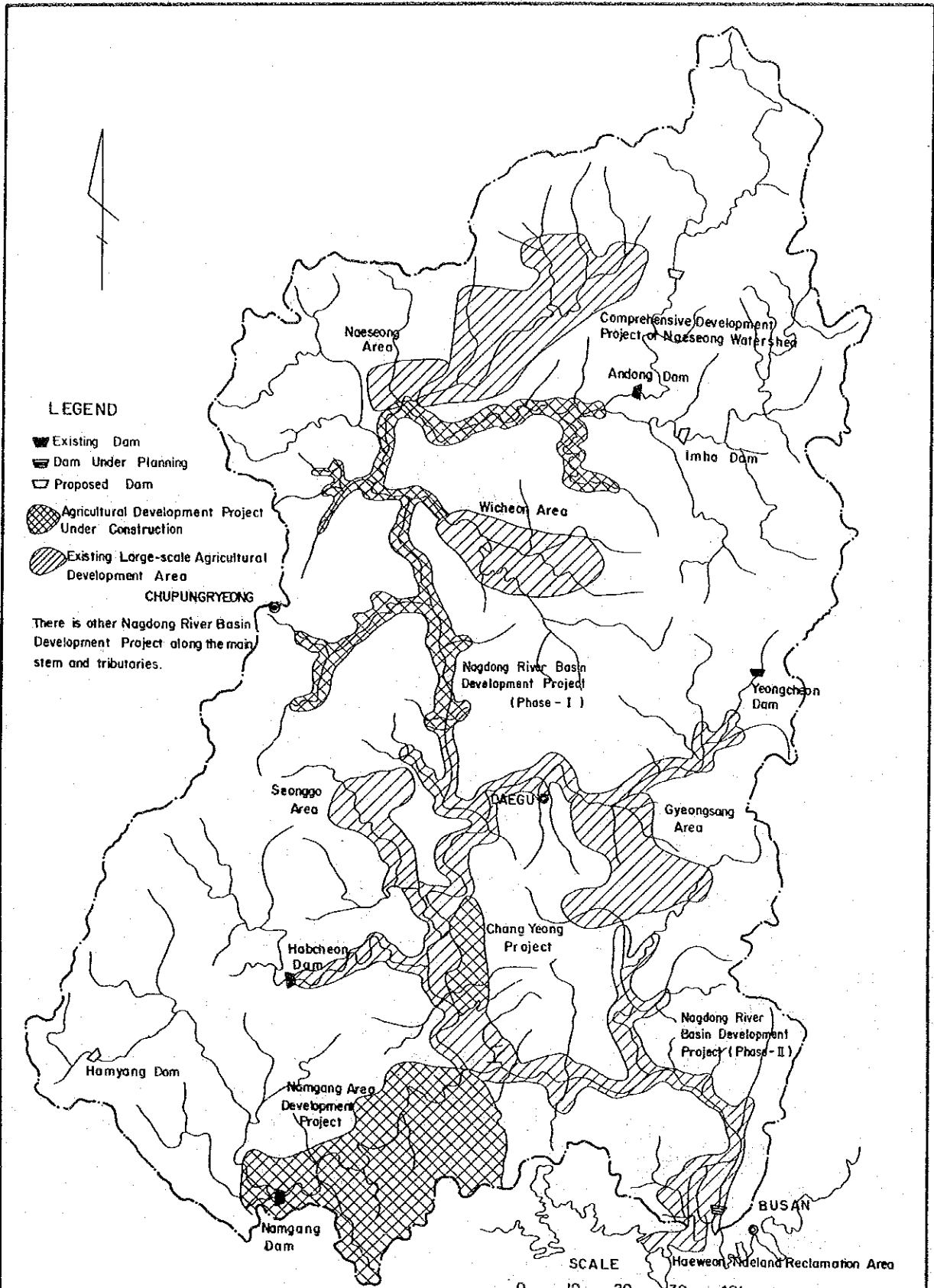
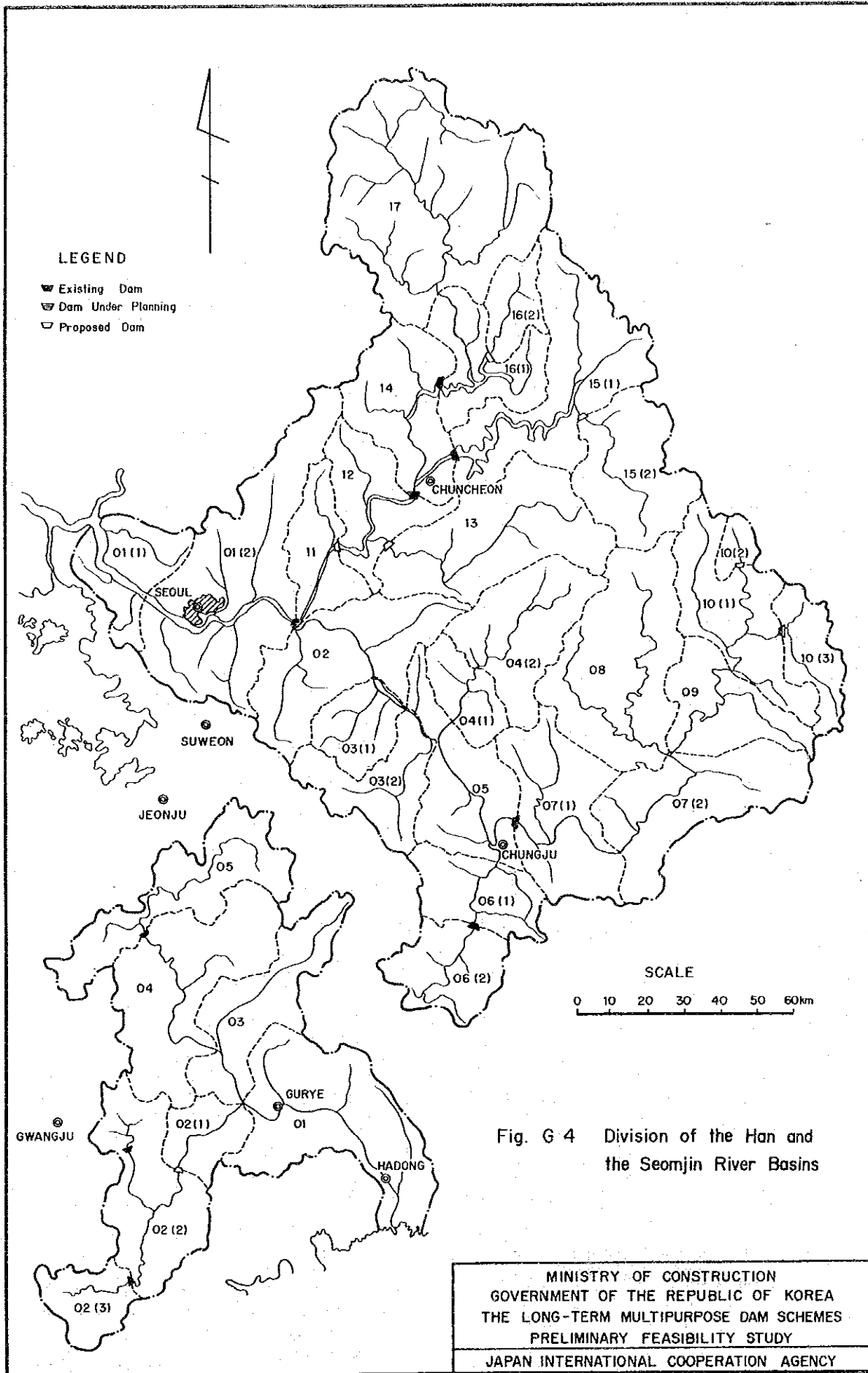


Fig. G 3 Planned and On-going Large-scale Agricultural Development Projects in the Nagdong River Basin

MINISTRY OF CONSTRUCTION
 GOVERNMENT OF THE REPUBLIC OF KOREA
 THE LONG-TERM MULTIPURPOSE DAM SCHEMES
 PRELIMINARY FEASIBILITY STUDY
 JAPAN INTERNATIONAL COOPERATION AGENCY



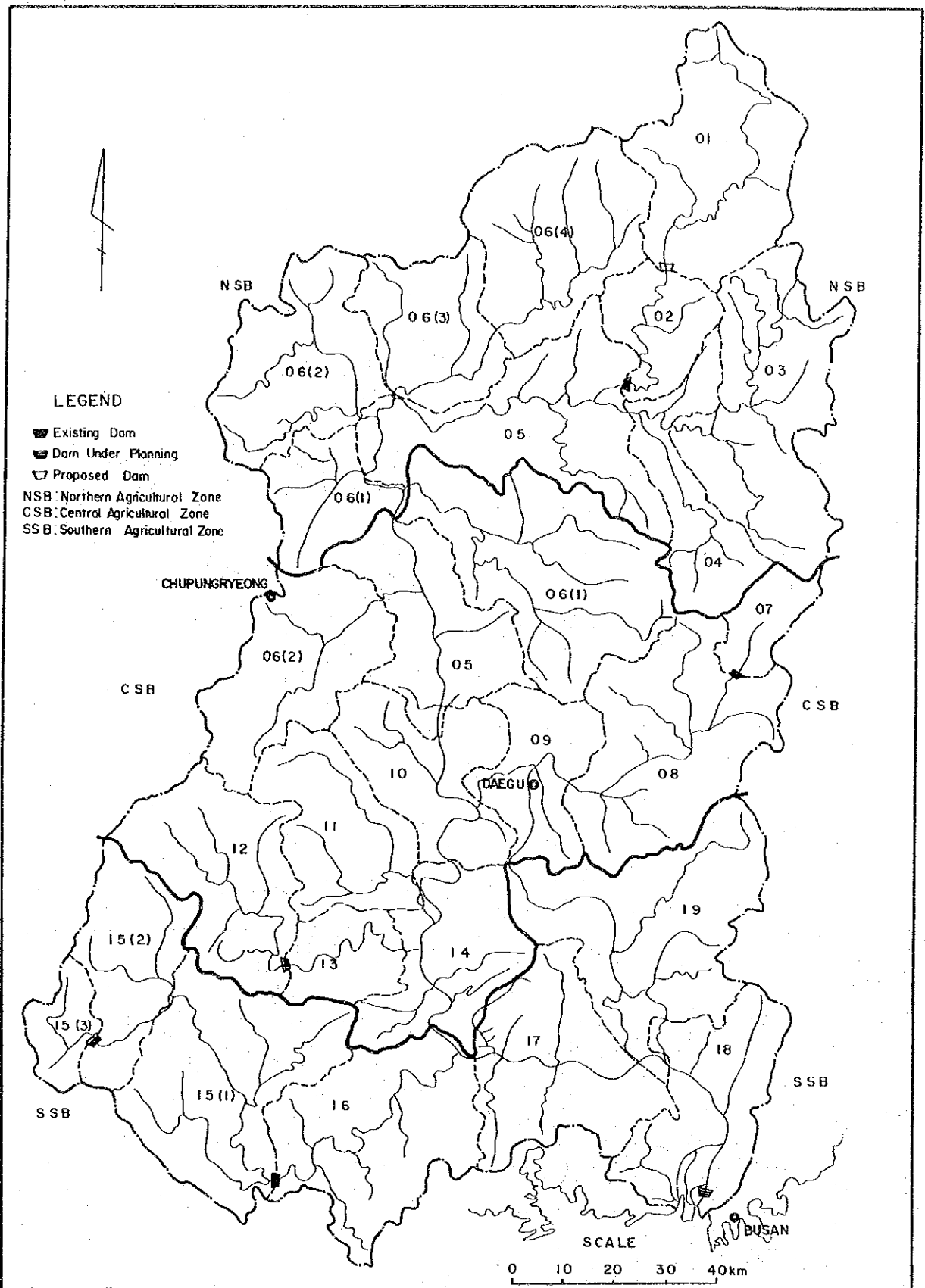
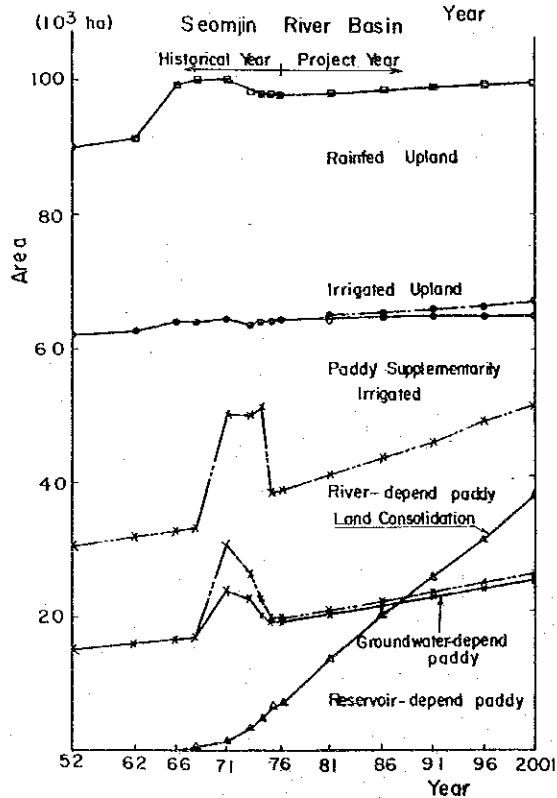
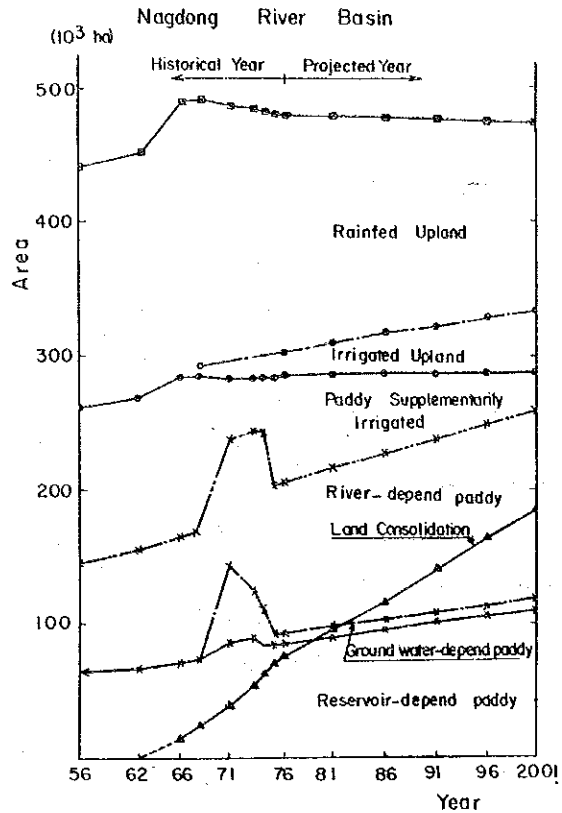
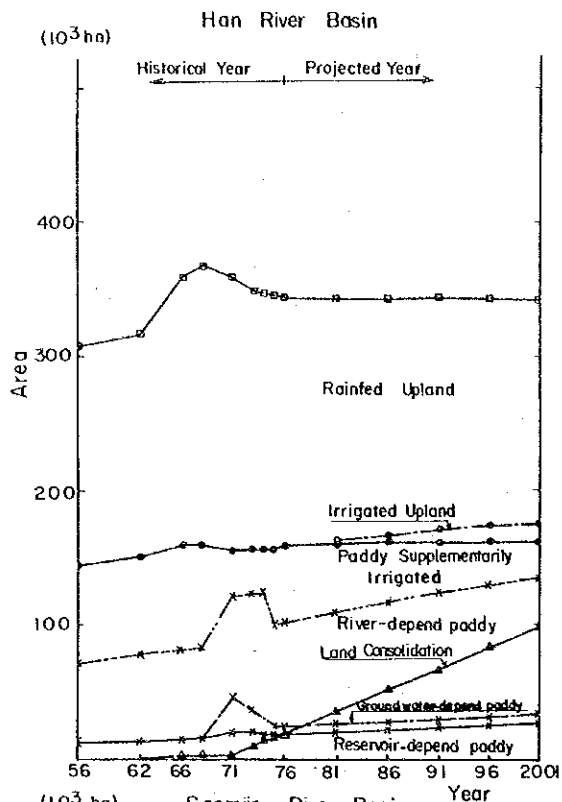


Fig. G 5 Division of the Nagdong River Basin.

MINISTRY OF CONSTRUCTION
 GOVERNMENT OF THE REPUBLIC OF KOREA
 THE LONG-TERM MULTIPURPOSE DAM SCHEMES
 PRELIMINARY FEASIBILITY STUDY
 JAPAN INTERNATIONAL COOPERATION AGENCY



LEGEND

- x—x—x : Paddy depending on reservoir
- x—x—x : Paddy depending on reservoir and groundwater
- x—x—x : Paddy depending on reservoir, groundwater and river
- o—o—o : Total paddy
- o—o—o : Irrigated upland plus total paddy
- : Total cultivated area
- ▲—▲—▲ : Total land consolidation

Fig. G 6 Historical and Prospective Agricultural Development in the Basins.

MINISTRY OF CONSTRUCTION
 GOVERNMENT OF THE REPUBLIC OF KOREA
 THE LONG-TERM MULTIPURPOSE DAM SCHEMES
 PRELIMINARY FEASIBILITY STUDY
 JAPAN INTERNATIONAL COOPERATION AGENCY

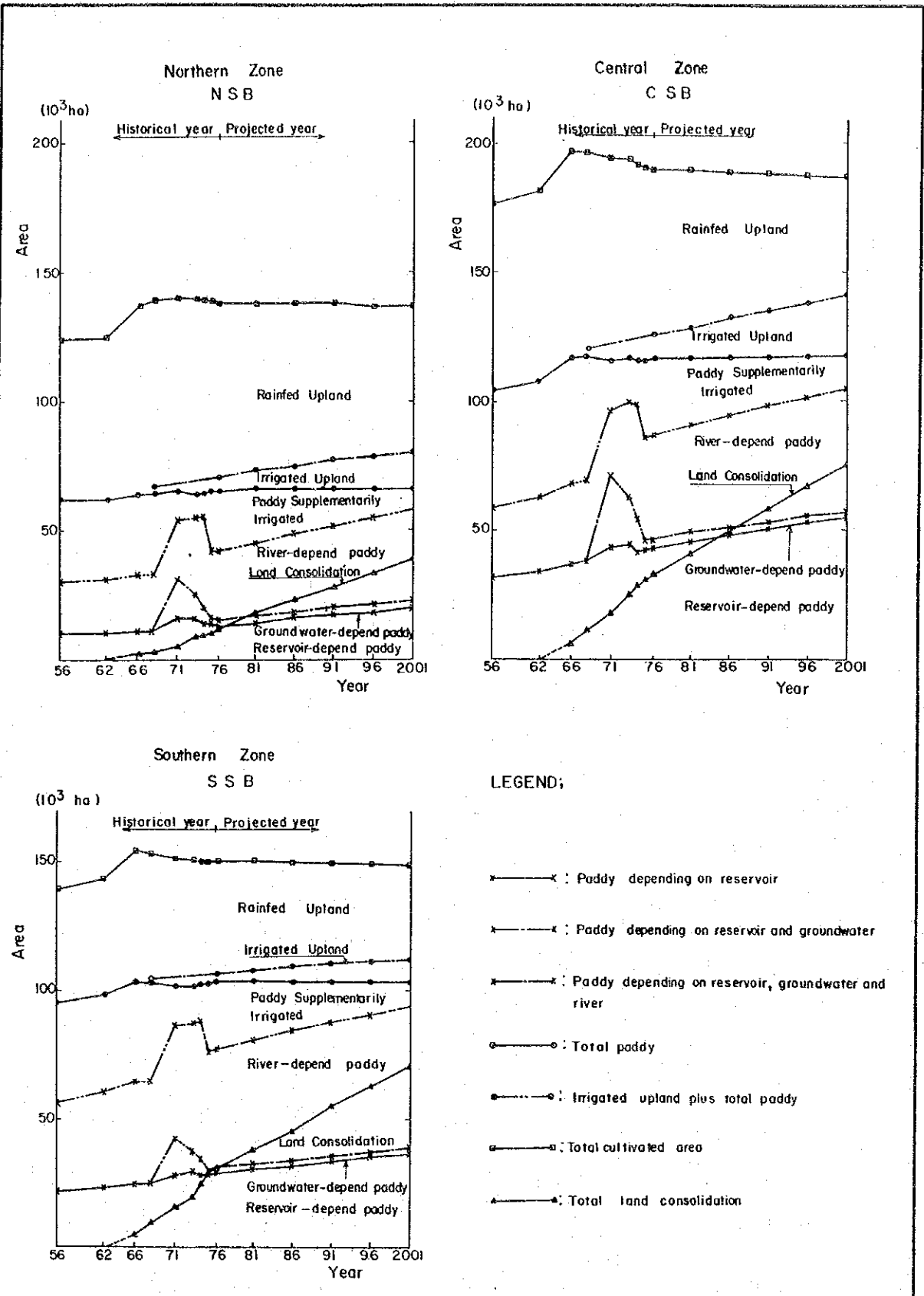
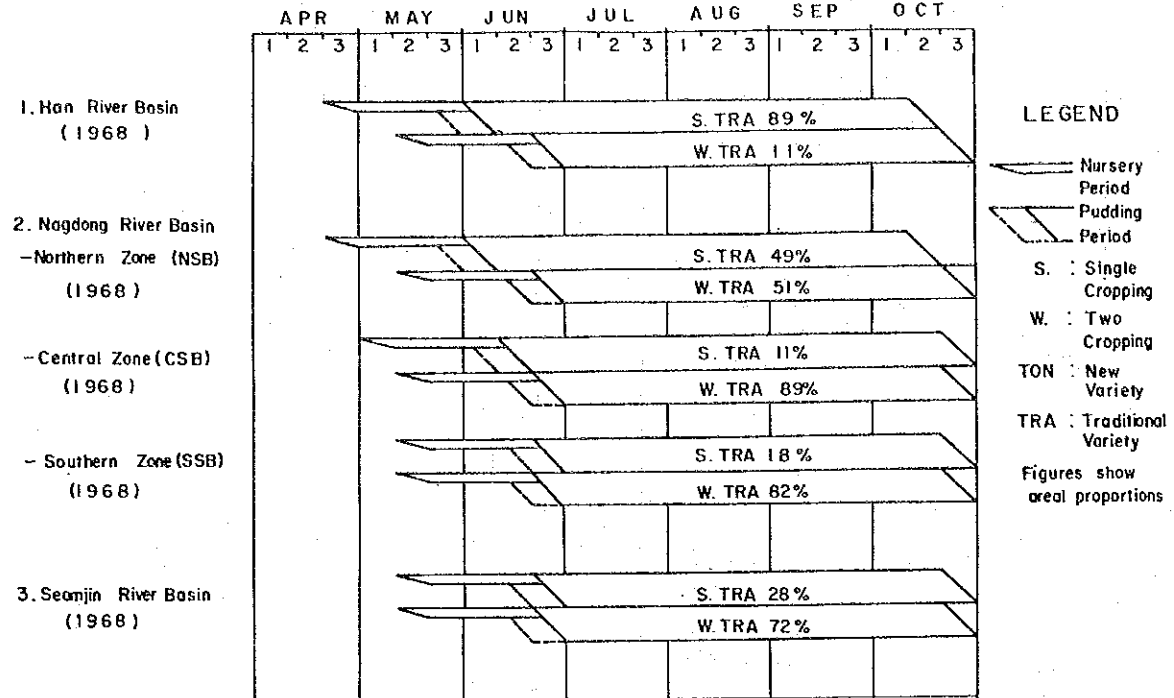


Fig. G 7. Historical and Prospective Agricultural Development in the Nagdong River Basins

MINISTRY OF CONSTRUCTION
 GOVERNMENT OF THE REPUBLIC OF KOREA
 THE LONG-TERM MULTIPURPOSE DAM SCHEMES
 PRELIMINARY FEASIBILITY STUDY
 JAPAN INTERNATIONAL COOPERATION AGENCY

A. Historical Cropping Calendar



LEGEND

- Nursery Period
- Puddling Period
- S. : Single Cropping
- W. : Two Cropping
- TON : New Variety
- TRA : Traditional Variety
- Figures show areal proportions

B. Future Cropping Calendar

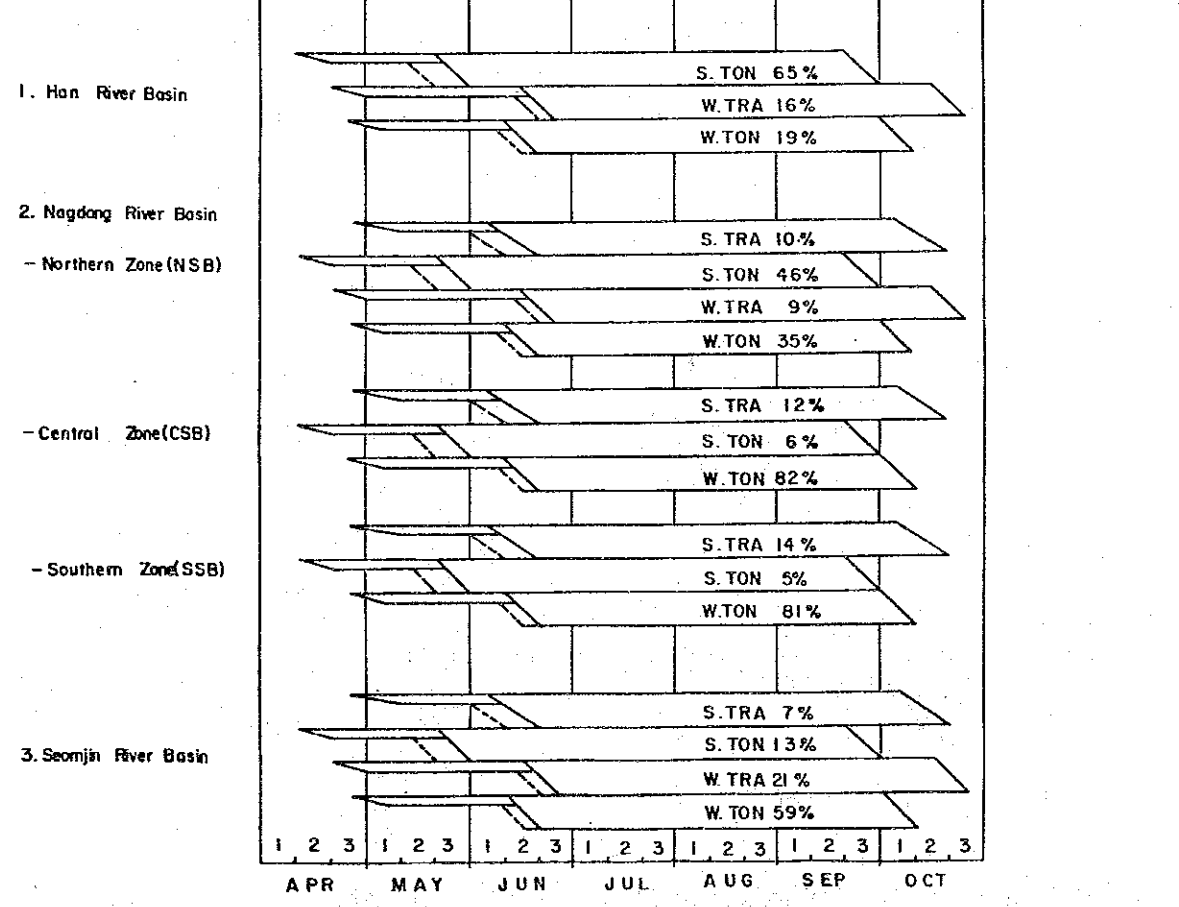


Fig. G 8 Historical and Future Rice Cropping Calendar

MINISTRY OF CONSTRUCTION
 GOVERNMENT OF THE REPUBLIC OF KOREA
 THE LONG-TERM MULTIPURPOSE DAM SCHEMES
 PRELIMINARY FEASIBILITY STUDY
 JAPAN INTERNATIONAL COOPERATION AGENCY

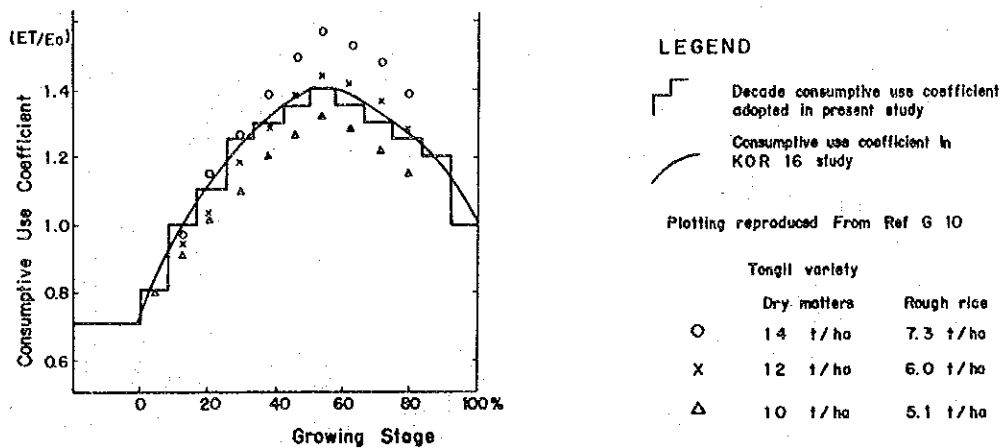


Fig. G 9 Consumptive Use Coefficient

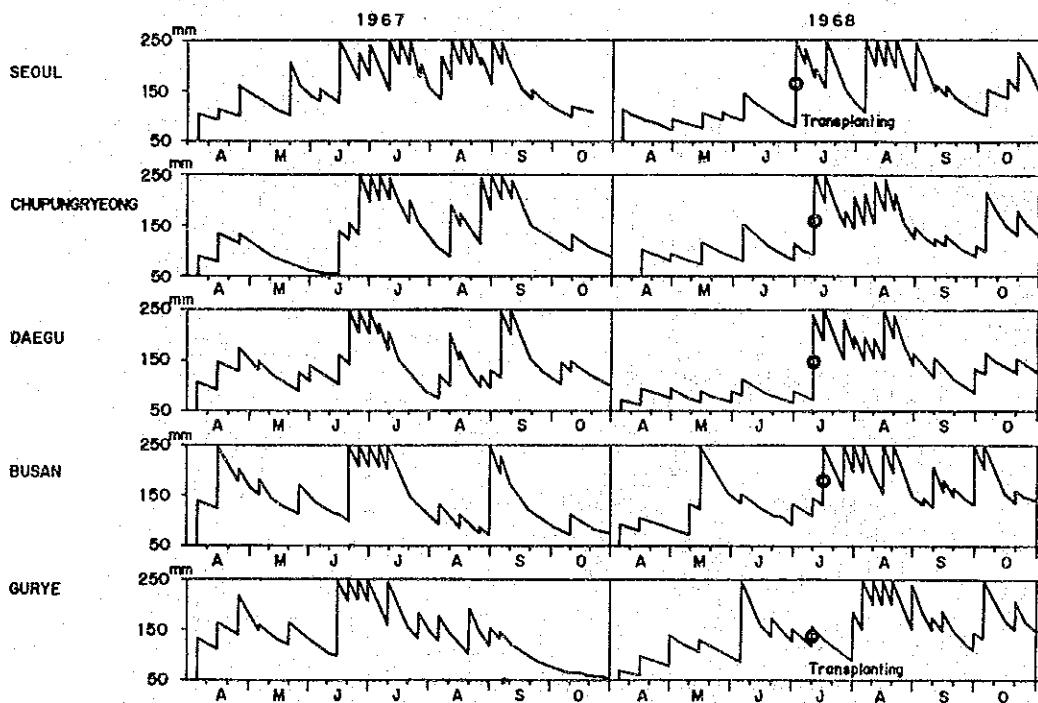
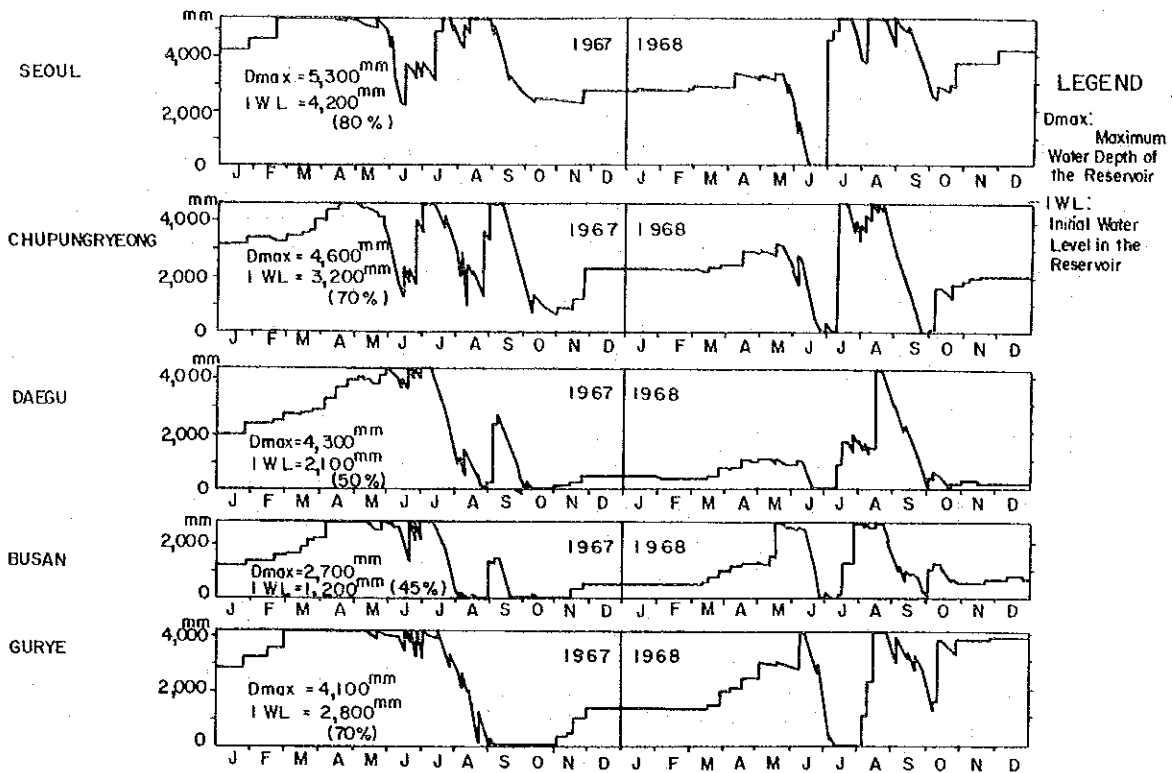


Fig. G 10 Variation of Soil Moisture in the Paddy Supplementarily Irrigated

MINISTRY OF CONSTRUCTION
 GOVERNMENT OF THE REPUBLIC OF KOREA
 THE LONG-TERM MULTIPURPOSE DAM SCHEMES
 PRELIMINARY FEASIBILITY STUDY
 JAPAN INTERNATIONAL COOPERATION AGENCY

A. Historical Cropping Pattern



B. Future Cropping Pattern.

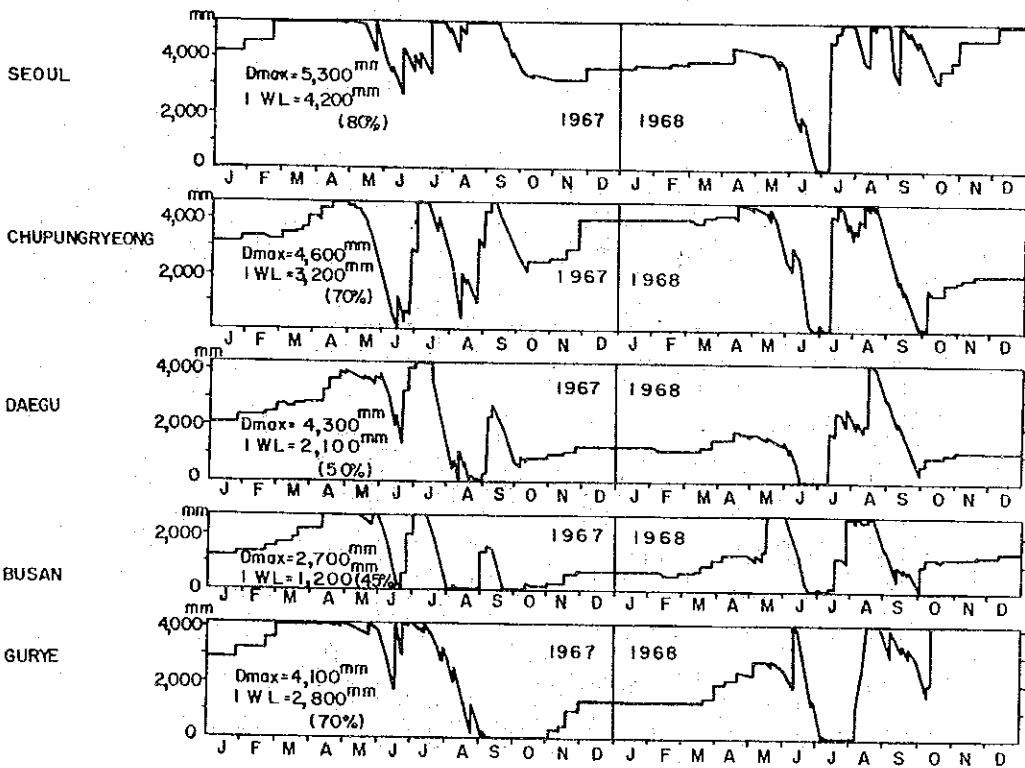


Fig. G 11 Variation of Water Level in Reservoir
 (Historical and Future Cropping Patterns)

MINISTRY OF CONSTRUCTION
 GOVERNMENT OF THE REPUBLIC OF KOREA
 THE LONG-TERM MULTIPURPOSE DAM SCHEMES
 PRELIMINARY FEASIBILITY STUDY
 JAPAN INTERNATIONAL COOPERATION AGENCY