

## 2.2 Computation of Present Water Demand

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**Table 7.1-8-1 Surface Water Demand by Irrigation in 1995**

River Basin	Average Year			1/5 Drought Year			River Basin	Average Year			1/5 Drought Year		
	Area (ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)		Area (ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)
Sassandra River	19	0.22	0.25	0.22	0.99	1.72	Bia River	114	0.39	0.39	0.68	0.68	
I-A0	321	4.51	5.07	3.47	5.15	VII-A01	22	0.07	0.07	0.11	0.11		
I-A1	175	2.56	2.87	3.99	4.32	VII-A02	149	0.51	0.51	0.87	0.87		
I-A2	766	9.01	10.31	14.64	15.09	VIII-A2	224	0.74	0.74	1.34	1.34		
I-A3	754	9.43	10.38	11.67	12.05	VIII-A3	31	0.10	0.10	0.17	0.17		
I-A4	6,283	60.92	70.76	2.60	3.42	VIII-A4	622	2.08	2.08	3.63	3.63		
I-A5	313	5.12	5.69	37.36	41.75	Total	1,434	4.40	4.40	8.07	8.07		
I-A6	555	8.09	8.80	0.35	0.41	Agreby Basin	443	1.42	1.42	2.62	2.62		
I-A7	652	7.79	8.39	6.61	7.53	IX-A0	689	2.17	2.17	3.98	3.98		
I-A8	248	2.96	3.19	4.66	5.02	IX-A1	45	0.16	0.16	0.26	0.26		
I-A9	85	1.10	1.13	11.62	12.96	IX-A2	2,055	6.99	6.99	12.61	12.61		
I-A10	10,171	111.71	126.84	4.49	4.84	IX-A3	1,087	4.19	4.19	7.14	7.14		
Total	1	0.01	0.01	4.49	4.84	IX-A4	82	0.21	0.21	0.37	0.37		
Bandama	301	0.80	1.37	4.49	4.84	Total	5,835	19.54	19.54	35.05	35.05		
II-A1	224	0.56	0.98	1.36	1.4	Boubo Basin	36	0.14	0.14	0.21	0.21		
II-A2	4,587	42.74	55.66	2.11	2.17	X-A01	22	0.25	0.25	0.29	0.29		
II-A3	978	19.23	20.74	5.97	6.16	X-A02	58	0.21	0.21	0.31	0.31		
II-A4	708	15.29	15.92	17.60	18.22	X-A1	102	0.62	0.62	0.80	0.80		
II-A5	13,754	151.82	173.20	8.28	8.54	X-A2	33	0.20	0.20	0.25	0.25		
II-A6	2,006	45.06	46.91	1.92	1.97	X-A3	46	0.43	0.43	0.51	0.51		
II-A7	1,957	47.02	50.24	0.67	0.69	X-A4	297	1.85	1.85	2.37	2.37		
II-A8	200	4.14	4.41	37.91	39.15	Total	65	1.02	1.02	1.14	1.14		
II-A9	888	13.79	15.48	0.86	0.89	San Pedro Basin	26	0.44	0.44	0.49	0.49		
II-A10	322	6.16	6.39	0.01	0.01	XI-A01	126	2.15	2.15	2.37	2.37		
II-A11	120	1.67	1.81	0.23	0.24	XI-A1	44	0.78	0.78	0.86	0.86		
II-A12	295	3.69	4.06	0.13	0.13	XI-A2	23	0.41	0.41	0.45	0.45		
II-A13	471	6.90	7.11	0.09	0.09	Total	284	4.80	4.80	5.31	5.31		
II-A14	199	2.49	2.74	1.32	1.32								
II-A15	1,114	24.96	25.99										
II-A16	386.33	433.02											
Total	28,125	386.33	433.02										

River Basin	Average Year			1/5 Drought Year			River Basin	Average Year			1/5 Drought Year		
	Area (ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)		Area (ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)
Whole Country	52,423	11,808	619.01	13,473	706.30		Bia River	2,388	15.875	37.91	16,394	39.15	
I	10,171	10,983	111.71	12,471	126.84		VI	87	15.172	1.32	15,632	1.36	
II	28,125	13,756	386.33	15,396	433.02		VII	622	3.344	2.08	5,868	3.65	
III	3,275	11,408	37.36	12,748	41.75		VIII	5,835	3,349	19.54	6,007	35.05	
IV	963	12,066	11.62	13,458	12.96		IX	297	6,229	1.85	7,980	2.37	
V	376	11,941	4.49	12,872	4.84		XI	284	16,901	4.80	18,697	5.31	

**Table 7.1-8-2 Groundwater Demand by Irrigation in 1995**

River Basin			Average Year			1/5 Drought Year			River Basin			Average Year			1/5 Drought Year		
River Basin	Area (ha)	(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)	River Basin	Area (ha)	(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)	River Basin	Area (ha)	(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)
Sassandhra River	30	0.751	0.02	2.324	0.07	Comoe River	1,670	0.751	1.25	2.324	3.88	Bia River	110	0.751	0.08	2.324	0.26
I-A0	570	0.751	0.43	2.324	1.32	III-A1	800	0.751	0.60	2.324	1.86	VIII-A01	110	0.751	0.08	2.324	0.26
I-A1	300	0.751	0.23	2.324	0.70	III-A2	480	2.597	1.25	4.519	2.17	VIII-A02	210	0.751	0.16	2.324	0.49
I-A2	940	0.751	0.71	2.324	2.18	III-A3	390	5.063	1.97	6.568	2.56	VIII-A1	200	0.751	0.07	2.324	0.21
I-A3	580	2.597	1.51	4.519	2.62	III-A4	150	5.063	0.76	6.568	0.99	VIII-A2	20	0.751	0.02	2.324	0.05
I-A4	240	5.063	1.22	6.568	1.58	III-A5	390	2.597	1.01	4.519	1.76	VIII-A3	740	0.751	0.56	2.324	1.73
I-A5	890	0.751	0.67	2.324	2.07	Total	3,880		6.84	13.22	Total						
I-A6	1,530	2.597	3.97	4.519	6.91	Cavally River	60	0.751	0.05	2.324	0.14	Agneby Basin	2,620	0.751	1.97	2.324	6.09
I-A7	510	2.421	1.23	3.555	1.81	IV-A0	700	0.751	0.53	2.324	1.63	IX-A0	370	0.751	0.28	2.324	0.86
I-A8	150	2.421	0.36	3.555	0.53	IV-A1	290	2.421	0.70	3.555	1.03	IX-A1	770	0.751	0.58	2.324	1.79
I-A9	50	5.063	0.25	6.568	0.33	IV-A2	1,050		1.28	2.80	IX-A2	200	0.751	0.15	2.324	0.46	
I-A10	5,790	10.60	20.12		2.80	Total	270	2.421	0.65	3.555	0.96	IX-A3	490	0.751	0.37	2.324	1.14
Total						Cetos River	270		0.65	0.96	0.96	IX-A4	440	0.751	0.33	2.324	1.02
Bandama	10	0.751	0.45	2.324	1.39	V-A0	20	5.063	0.10	6.568	0.13	IX-A5	430	0.751	0.32	2.324	1.00
II-A0	130	0.751	0.10	2.324	0.30	Total	20	5.063	0.46	6.568	0.59	IX-A6	5,320	0.751	4.00	12.36	12.36
II-A1	790	2.597	2.05	4.519	3.57	VI-A01	90	5.063	0.41	6.568	0.53	Boubo Basin	160	0.751	0.12	2.324	0.37
II-A2	260	5.063	1.32	6.568	1.71	VI-A02	190	5.063	0.96	6.568	1.25	X-A01	50	0.751	0.04	2.324	0.12
II-A3	370	5.063	1.87	6.568	2.43	VI-A1	130	5.063	0.66	6.568	0.85	X-A02	250	0.751	0.19	2.324	0.58
II-A4	330	5.063	1.67	6.568	2.17	VI-A2	80	5.063	0.41	6.568	0.53	X-A1	520	0.751	0.39	2.324	1.21
II-A5	1,010	2.597	2.62	4.519	4.56	VI-A3	30	5.063	0.15	6.568	0.2	X-A2	120	0.751	0.09	2.324	0.28
II-A6	520	2.597	1.35	4.519	2.35	VI-A4	620		3.15	4.08	4.08	X-A3	190	0.751	0.14	2.324	0.44
II-A7	850	2.597	2.21	4.519	3.84	Total	190	5.063	0.96	6.568	1.25	X-A4	70	0.751	0.05	2.324	0.16
II-A8	170	5.063	0.86	6.568	1.12	Kolodio River	0	5.063	0.00	6.568	0.00	San Pedro Basin	560	0.751	0.27	2.324	0.84
II-A9	350	2.597	0.91	4.519	1.58	VII-A01	50	5.063	0.25	6.568	0.33	XI-A01	120	0.751	0.09	2.324	0.28
II-A10	280	2.597	0.73	4.519	1.27	VII-A02	30	5.063	0.15	6.568	0.20	XI-A2	50	0.751	0.04	2.324	0.12
II-A11	210	5.063	1.06	6.568	1.38	VII-A03	20	5.063	0.10	6.568	0.13	XI-A3	790	0.751	0.59	2.324	1.84
II-A12	120	2.597	0.51	4.519	0.54	Total	290		1.46	1.91	1.91	Total					
II-A13	200	5.063	1.01	6.568	1.31	Total	290		1.46	1.91	1.91	Total					
II-A14	6,930	20.43	32.84		32.84	Total	290		1.46	1.91	1.91	Total					
Total																	

River Basin			Average Year			1/5 Drought Year			River Basin			Average Year			1/5 Drought Year		
River Basin	Area (ha)	(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)	River Basin	Area (ha)	(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)	River Basin	Area (ha)	(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)
Whole Country	27,000	1.873	50.56	3.516	94.93	I	5,790	1.831	10.60	3.475	20.12	VI	620	5.081	3.15	6.581	4.08
						II	6,930	2.948	20.43	4.739	32.84	VII	290	5.034	1.46	6.586	1.91
						III	3,880	1.763	6.84	3.407	13.22	VIII	740	0.757	0.56	2.338	1.73
						IV	1,050	1.219	1.28	2.667	2.80	IX	5,320	0.752	4.00	2.323	12.36
						V	270	2.407	0.65	3.556	0.96	X	1,320	0.758	1.00	2.326	3.07
												XI	790	0.747	0.59	2.329	1.84

(Note) Crops are vegetables for groundwater irrigation.

**Table 7.1-9-1 Irrigation Water Demand of Double Cropping Rice in 1995**

River Basin	Area (ha)	Average Year		1/5 Drought Year		River Basin	Area (ha)	Average Year		1/5 Drought Year		River Basin	Area (ha)	Average Year		1/5 Drought Year	
		(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)			(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)			(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)
Sassandra River	0	25.560	0.00	27.550	0.00	Comoes River	0	25.560	0.00	27.550	0.00	Bia River	0	25.560	0.00	27.550	0.00
I-A0	0	25.560	0.00	27.550	0.00	III-A1	0	25.560	0.00	27.550	0.00	VIII-A01	0	25.560	0.00	27.550	0.00
I-A1	60	25.560	1.53	27.550	1.65	III-A2	60	25.560	1.53	27.550	1.65	VIII-A02	0	25.560	0.00	27.550	0.00
I-A2	40	25.560	1.02	27.550	1.10	III-A3	40	28.912	1.16	30.317	1.21	VIII-A1	0	25.560	0.00	27.550	0.00
I-A3	20	25.560	0.51	27.550	0.55	III-A4	100	32.811	3.28	34.377	3.44	VIII-A2	0	25.560	0.00	27.550	0.00
I-A4	0	28.912	0.00	30.317	0.00	III-A5	100	32.811	3.28	34.377	3.44	VIII-A3	0	25.560	0.00	27.550	0.00
I-A5	0	32.811	0.00	34.377	0.00	III-A6	0	28.912	0.00	30.317	0.00	VIII-A4	0	25.560	0.00	27.550	0.00
I-A6	110	25.560	2.81	27.550	3.03	Total	300	28.912	9.25	9.74	Total	0	25.560	0.00	27.550	0.00	
I-A7	70	28.912	2.02	30.317	2.12	Cavally River	0	25.560	0.00	27.550	0.00	Agneby Basin	0	25.560	0.00	27.550	0.00
I-A8	0	28.548	0.00	29.980	0.00	IV-A0	0	25.560	0.00	27.550	0.00	DX-A0	0	25.560	0.00	27.550	0.00
I-A9	0	28.548	0.00	29.980	0.00	IV-A1	30	25.560	0.77	27.550	0.83	DX-A1	0	25.560	0.00	27.550	0.00
I-A10	0	32.811	0.00	34.377	0.00	IV-A2	0	28.548	0.00	29.980	0.00	DX-A2	0	25.560	0.00	27.550	0.00
Total	300	7.89	8.45	8.45	8.45	Total	30	0.77	0.83	Total	0	25.560	0.00	27.550	0.00		
Bandama	0	25.560	0.00	27.550	0.00	Catos River	0	28.548	0.00	29.980	0.00	DX-A3	20	25.560	0.51	27.550	0.55
II-A0	0	25.560	0.00	27.550	0.00	V-A0	0	28.548	0.00	29.980	0.00	DX-A4	20	25.560	0.51	27.550	0.55
II-A1	0	25.560	0.00	27.550	0.00	Total	0	0.00	0.00	Total	50	1.28	1.28	1.28	1.38		
II-A2	0	25.560	0.00	27.550	0.00	Bani-Nige River	0	32.811	0.00	34.377	0.00	Boubo Basin	0	25.560	0.00	27.550	0.00
II-A3	750	28.912	21.68	30.317	22.74	VI-A01	0	32.811	0.00	34.377	0.00	X-A01	0	25.560	0.00	27.550	0.00
II-A4	500	28.912	14.46	30.317	15.16	VI-A02	0	32.811	0.00	34.377	0.00	X-A02	0	25.560	0.00	27.550	0.00
II-A5	310	32.811	10.17	34.377	10.66	VI-A1	50	32.811	1.64	34.377	1.72	X-A1	0	25.560	0.00	27.550	0.00
II-A6	780	32.811	25.59	34.377	26.81	VI-A2	230	32.811	7.55	34.377	7.91	X-A2	0	25.560	0.00	27.550	0.00
II-A7	960	32.811	31.50	34.377	35.00	VI-A3	70	32.811	2.30	34.377	2.41	X-A3	0	25.560	0.00	27.550	0.00
II-A8	1,560	28.912	45.10	30.317	47.29	VI-A4	0	32.811	0.00	34.377	0.00	X-A4	0	25.560	0.00	27.550	0.00
II-A9	100	28.912	2.89	30.317	3.03	VI-A5	0	32.811	0.00	34.377	0.00	Total	0	25.560	0.00	27.550	0.00
II-A10	350	28.912	10.12	30.317	10.61	Total	350	11.49	12.04	Total	0	25.560	0.00	27.550	0.00		
II-A11	100	32.811	3.28	34.377	3.44	Kolodio River	0	32.811	0.00	34.377	0.00	San Pedro Basin	0	25.560	0.00	27.550	0.00
II-A12	10	28.912	0.29	30.317	0.30	VII-A01	10	32.811	0.33	34.377	0.34	XI-A01	20	25.560	0.51	27.550	0.55
II-A13	0	28.912	0.00	30.317	0.00	VII-A02	0	32.811	0.00	34.377	0.00	XI-A02	10	25.560	0.26	27.550	0.28
II-A14	40	32.811	1.31	34.377	1.38	VII-A03	0	32.811	0.00	34.377	0.00	XI-A1	50	25.560	1.28	27.550	1.38
II-A15	0	28.912	0.00	30.317	0.00	VII-A1	0	32.811	0.00	34.377	0.00	XI-A2	20	25.560	0.51	27.550	0.55
II-A16	550	32.811	17.39	34.377	18.22	VII-A2	0	32.811	0.00	34.377	0.00	XI-A3	10	25.560	0.26	27.550	0.28
Total	5,990	30.478	217.61	31.997	228.46	Total	10	0.33	0.34	Total	110	2.82	2.82	2.82	3.04		

River Basin	Area (ha)	Average Year		1/5 Drought Year		River Basin	Area (ha)	Average Year		1/5 Drought Year		River Basin	Area (ha)	Average Year		1/5 Drought Year	
		(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)			(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)			(1000m <sup>3</sup> /ha)	Total (MCM)		
Whole Country	7,140	30.478	217.61	31.997	228.46	I	300	26.300	7.89	28.167	8.45	VI	550	32.829	11.49	34.400	12.04
						II	5,990	30.681	183.78	32.160	192.64	VII	10	33.000	0.33	34.000	0.34
						III	300	30.833	9.25	32.467	9.74	VIII	0	0.00	0.00	0.00	0.00
						IV	30	25.667	0.77	27.667	0.83	IX	50	25.600	1.28	27.600	1.38
						V	0	0.00	0.00	0.00	X	0	0.00	0.00	0.00	0.00	
												XI	110	25.636	2.82	27.636	3.04

**Table 7.1-9-2 Irrigation Water Demand of Single Cropping of Rice in 1995**

River Basin	Area (ha)	Average Year (1000m <sup>3</sup> /ha)	1/5 Drought Year (1000m <sup>3</sup> /ha)	Total (MCM)	River Basin	Area (ha)	Average Year (1000m <sup>3</sup> /ha)	1/5 Drought Year (1000m <sup>3</sup> /ha)	Total (MCM)	River Basin	Area (ha)	Average Year (1000m <sup>3</sup> /ha)	1/5 Drought Year (1000m <sup>3</sup> /ha)	Total (MCM)
Sassandhra River	19	11,399	0.22	13,087	Comooe River	15	11,399	0.17	13,087	Bia River	4	11,399	0.05	13,087
I-A0	261	11,399	2.98	13,087	III-A1	17	11,399	0.19	13,087	VIII-A01	2	11,399	0.02	13,087
I-A1	135	11,399	1.54	13,087	III-A2	226	12,513	2.83	13,764	VIII-A02	9	11,399	0.10	13,087
I-A2	746	11,399	8.30	13,087	III-A3	876	12,967	11.36	13,300	VIII-A1	2	11,399	0.02	13,087
I-A3	754	12,513	9.43	13,764	III-A4	647	12,967	8.39	13,300	VIII-A2	4	11,399	0.05	13,087
I-A4	453	12,967	5.87	13,300	III-A5	104	12,513	1.30	13,764	VIII-A3	1	11,399	0.01	13,087
I-A5	203	11,399	2.31	13,087	III-A6	1,885	24.24	25.22	25.22	VIII-A4	22	11,399	0.25	13,087
I-A6	485	12,513	6.07	13,764	Total	31	11,399	0.35	13,087	Total	14	11,399	0.16	13,087
I-A7	632	11,952	7.79	12,870	Cavally River	512	11,399	5.84	13,087	IX-A0	3	11,399	0.03	13,087
I-A8	248	11,952	2.96	12,870	IV-A1	390	11,952	4.66	12,870	IX-A1	9	11,399	0.10	13,087
I-A9	85	12,967	1.10	13,300	IV-A2	933	10.85	12.13	12.13	IX-A2	5	11,399	0.06	13,087
I-A10	4,041	48.77	48.77	48.77	Total	376	4.49	4.84	4.84	IX-A3	7	11,399	0.08	13,087
Total	53,651	48.77	48.77	48.77	Cetes River	105	12,967	1.36	13,300	IX-A4	2	11,399	0.02	13,087
Bandana	1	11,399	0.01	13,087	VI-A01	163	12,967	2.11	13,300	Total	45	11,399	0.51	13,087
II-A0	11	11,399	0.13	13,087	VI-A02	334	12,967	4.33	13,300	Roubo Basin	6	11,399	0.07	13,087
II-A1	4	11,399	0.05	13,087	VI-A1	775	12,967	10.05	13,300	X-A01	22	11,399	0.25	13,087
II-A2	207	12,513	2.59	13,764	VI-A2	461	12,967	5.98	13,300	X-A1	8	11,399	0.09	13,087
II-A3	328	12,513	4.10	13,764	VI-A3	148	12,967	1.92	13,300	X-A2	42	11,399	0.48	13,087
II-A4	388	12,967	5.03	13,300	VI-A4	52	12,967	0.67	13,300	X-A3	13	11,399	0.15	13,087
II-A5	1,054	12,967	13.67	13,300	VI-A5	2,038	26.42	27.11	27.11	X-A4	36	11,399	0.41	13,087
II-A6	1,046	12,967	13.56	13,300	Total	41	12,967	0.53	13,300	Total	127	11,399	1.45	13,087
II-A7	17	12,513	0.21	13,764	Kolotoo River	41	12,967	0.01	13,300	San Pedro Basin	45	11,399	0.51	13,087
II-A8	158	12,513	1.98	13,764	VII-A01	1	12,967	0.01	13,300	XI-A01	16	11,399	0.18	13,087
II-A9	222	12,967	2.88	13,300	VII-A02	18	12,967	0.23	13,300	XI-A2	76	11,399	0.87	13,087
II-A10	110	12,513	1.38	13,764	VII-A03	10	12,967	0.13	13,300	Total	24	11,399	0.27	13,087
II-A11	295	12,513	3.69	13,764	VII-A1	7	12,967	0.09	13,300	XI-A3	13	11,399	0.15	13,087
II-A12	431	12,967	5.59	13,300	VII-A2	77	0.99	0.99	1.02	Total	174	11,399	1.98	13,087
II-A13	199	12,513	2.49	13,764	Total	69.19	7.77	7.77	7.77	Total	174	11,399	1.98	13,087
II-A14	584	12,967	7.57	13,300	Whole Country	14,873	12,515	186.13	13,311	Whole Country	14,873	12,515	186.13	13,311
II-A15	5,155	66.18	66.18	66.18	I	4,041	12,069	48.77	53.65	VI	2,038	12,964	26.42	13,302
II-A16	69.19	7.77	7.77	7.77	II	5,155	12,838	66.18	69.19	VII	77	12,857	0.99	13,247
Total	69.19	7.77	7.77	7.77	III	1,885	12,859	24.24	25.22	VIII	22	11,364	0.25	13,182
					IV	933	11,629	10.85	12.13	IX	45	11,333	0.51	13,333
					V	376	11,941	4.49	4.84	X	127	11,417	1.45	13,071
										XI	174	11,379	1.98	13,046
														2.27

River Basin	Area (ha)	Average Year (1000m <sup>3</sup> /ha)	1/5 Drought Year (1000m <sup>3</sup> /ha)	Total (MCM)	River Basin	Area (ha)	Average Year (1000m <sup>3</sup> /ha)	1/5 Drought Year (1000m <sup>3</sup> /ha)	Total (MCM)
Whole Country	14,873	12,515	186.13	13,311	Bia River	4	11,399	0.05	13,087
I	4,041	12,069	48.77	53.65	VII	77	12,857	0.99	13,247
II	5,155	12,838	66.18	69.19	VIII	22	11,364	0.25	13,182
III	1,885	12,859	24.24	25.22	IX	45	11,333	0.51	13,333
IV	933	11,629	10.85	12.13	X	127	11,417	1.45	13,071
V	376	11,941	4.49	4.84	XI	174	11,379	1.98	13,046
									2.27

**Table 7.1-9-3 Irrigation Water Demand of Sugarcane in 1995**

River Basin	Area (ha)	Average Year		1/5 Drought Year		River Basin	Area (ha)	Average Year		1/5 Drought Year	
		(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)			(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)
Sassandra River	0	2.472	0.00	6.047	0.00	Cemose River	0	2.472	0.00	6.047	0.00
I-A0	0	2.472	0.00	6.047	0.00	III-A1	0	2.472	0.00	6.047	0.00
I-A1	0	2.472	0.00	6.047	0.00	III-A2	0	2.472	0.00	6.047	0.00
I-A2	0	2.472	0.00	6.047	0.00	III-A3	0	5.100	0.00	8.305	0.00
I-A3	0	2.472	0.00	6.047	0.00	III-A4	0	9.443	0.00	11.105	0.00
I-A4	0	5.100	0.00	8.305	0.00	III-A5	0	9.443	0.00	11.105	0.00
I-A5	5.830	9.443	55.05	11.105	64.74	III-A6	0	5.100	0.00	8.305	0.00
I-A6	0	2.472	0.00	6.047	0.00	Total	0	0.00	0.00	0.00	0.00
I-A7	0	5.100	0.00	8.305	0.00	Cavally River	0	2.472	0.00	6.047	0.00
I-A8	0	5.110	0.00	6.191	0.00	IV-A0	0	2.472	0.00	6.047	0.00
I-A9	0	5.110	0.00	6.191	0.00	IV-A1	0	2.472	0.00	6.047	0.00
I-A10	0	9.443	0.00	11.105	0.00	IV-A2	0	5.110	0.00	6.191	0.00
Total	5.830	55.05	64.74	64.74	0.00	Total	0	0.00	0.00	0.00	0.00
Bandarna	0	2.472	0.00	6.047	0.00	Ceres River	0	2.472	0.00	6.047	0.00
II-A0	0	2.472	0.00	6.047	0.00	V-A0	0	5.110	0.00	6.191	0.00
II-A1	0	2.472	0.00	6.047	0.00	Total	0	0.00	0.00	0.00	0.00
II-A2	0	2.472	0.00	6.047	0.00	Bani-Nige River	0	9.443	0.00	11.105	0.00
II-A3	3.560	5.100	18.16	8.305	29.57	VI-A01	0	9.443	0.00	11.105	0.00
II-A4	0	5.100	0.00	8.305	0.00	VI-A02	0	9.443	0.00	11.105	0.00
II-A5	0	9.443	0.00	11.105	0.00	VI-A1	0	9.443	0.00	11.105	0.00
II-A6	11.920	9.443	112.56	11.105	132.37	VI-A2	0	9.443	0.00	11.105	0.00
II-A7	0	9.443	0.00	11.105	0.00	VI-A3	0	9.443	0.00	11.105	0.00
II-A8	0	5.100	0.00	8.305	0.00	VI-A4	0	9.443	0.00	11.105	0.00
II-A9	0	5.100	0.00	8.305	0.00	VI-A5	0	9.443	0.00	11.105	0.00
II-A10	0	5.100	0.00	8.305	0.00	Total	0	0.00	0.00	0.00	0.00
II-A11	0	9.443	0.00	11.105	0.00	Koledio River	0	9.443	0.00	11.105	0.00
II-A12	0	5.100	0.00	8.305	0.00	VII-A01	0	9.443	0.00	11.105	0.00
II-A13	0	5.100	0.00	8.305	0.00	VII-A02	0	9.443	0.00	11.105	0.00
II-A14	0	9.443	0.00	11.105	0.00	VII-A03	0	9.443	0.00	11.105	0.00
II-A15	0	5.100	0.00	8.305	0.00	VII-A1	0	9.443	0.00	11.105	0.00
II-A16	0	9.443	0.00	11.105	0.00	VII-A2	0	9.443	0.00	11.105	0.00
Total	15,480	130.72	161.94	161.94	0.00	Total	0	0.00	0.00	0.00	0.00

River Basin	Area (ha)	Average Year		1/5 Drought Year		River Basin	Area (ha)	Average Year		1/5 Drought Year	
		(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)			(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)
Whole Country	21,310	8.718	185.77	10.657	226.68	Bia River	0	2.472	0.00	6.047	0.00
I	5,830	9.443	55.05	11.105	64.74	VI	0	0.00	0.00	0.00	0.00
II	15,480	8.444	130.72	10.461	161.94	VII	0	0.00	0.00	0.00	0.00
III	0	0.00	0.00	0.00	0.00	VIII	0	0.00	0.00	0.00	0.00
IV	0	0.00	0.00	0.00	0.00	IX	0	0.00	0.00	0.00	0.00
V	0	0.00	0.00	0.00	0.00	X	0	0.00	0.00	0.00	0.00
Total	21,310	8.718	185.77	10.657	226.68	XI	0	0.00	0.00	0.00	0.00

**Table 7.1-9-4 Irrigation Water Demand of Banana in 1995**

River Basin			Average Year			1/5 Drought Year			River Basin			Average Year			1/5 Drought Year		
River Basin	Area (ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	River Basin	Area (ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	River Basin	Area (ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)
Sassandra River						Bia River						Bia River					
I-A0	0	0.00	0.00	6.228	0.00	VIII-A01	80	3.332	0.27	6.228	0.50	VIII-A01	80	3.332	0.27	6.228	0.50
I-A1	0	3.332	0.00	6.228	0.00	VIII-A02	0	3.332	0.00	6.228	0.00	VIII-A02	0	3.332	0.00	6.228	0.00
I-A2	0	3.332	0.00	6.228	0.00	VIII-A1	80	3.332	0.27	6.228	0.50	VIII-A1	80	3.332	0.27	6.228	0.50
I-A3	0	3.332	0.00	6.228	0.00	VIII-A2	60	3.332	0.20	6.228	0.37	VIII-A2	60	3.332	0.20	6.228	0.37
I-A4	0	5.904	0.00	9.043	0.00	VIII-A3	180	3.332	0.60	6.228	1.12	VIII-A3	180	3.332	0.60	6.228	1.12
I-A5	0	10.439	0.00	11.954	0.00	VIII-A4	20	3.332	0.07	6.228	0.12	VIII-A4	20	3.332	0.07	6.228	0.12
I-A6	0	3.332	0.00	6.228	0.00	Total	420	3.332	1.41	6.228	2.61	Total	420	3.332	1.41	6.228	2.61
I-A7	0	5.904	0.00	9.043	0.00	Cavally River						Agneby Basin					
I-A8	0	6.027	0.00	6.750	0.00	IV-A0	0	3.332	0.00	6.228	0.00	IX-A0	940	3.332	3.13	6.228	5.85
I-A9	0	6.027	0.00	6.750	0.00	IV-A1	0	3.332	0.00	6.228	0.00	IX-A1	360	3.332	1.20	6.228	2.24
I-A10	0	10.439	0.00	11.954	0.00	IV-A2	0	6.027	0.00	6.750	0.00	IX-A2	490	3.332	1.63	6.228	3.05
Total	0	0.00	0.00	6.228	0.00	Total	0	0.00	0.00	6.750	0.00	IX-A3	10	3.332	0.03	6.228	0.06
Bandama						Cetes River						IX-A4	1,700	3.332	5.66	6.228	10.59
II-A0	0	3.332	0.00	6.228	0.00	V-A0	0	6.027	0.00	6.750	0.00	IX-A5	890	3.332	2.97	6.228	5.54
II-A1	0	3.332	0.00	6.228	0.00	Total	0	0.00	0.00	6.750	0.00	IX-A6	0	3.332	0.00	6.228	0.00
II-A2	0	3.332	0.00	6.228	0.00	Total	0	0.00	0.00	6.750	0.00	Total	4,390	3.332	14.62	6.228	27.33
II-A3	0	5.904	0.00	9.043	0.00	Bani-Nige River						Botobo Basin					
II-A4	0	5.904	0.00	9.043	0.00	VI-A01	0	10.439	0.00	11.954	0.00	X-A01	0	3.332	0.00	6.228	0.00
II-A5	0	10.439	0.00	11.954	0.00	VI-A02	0	10.439	0.00	11.954	0.00	X-A02	0	3.332	0.00	6.228	0.00
II-A6	0	10.439	0.00	11.954	0.00	VI-A1	0	10.439	0.00	11.954	0.00	X-A1	0	3.332	0.00	6.228	0.00
II-A7	0	10.439	0.00	11.954	0.00	VI-A2	0	10.439	0.00	11.954	0.00	X-A2	0	3.332	0.00	6.228	0.00
II-A8	10	5.904	0.06	9.043	0.09	VI-A3	0	10.439	0.00	11.954	0.00	X-A3	0	3.332	0.00	6.228	0.00
II-A9	0	5.904	0.00	9.043	0.00	VI-A4	0	10.439	0.00	11.954	0.00	X-A4	0	3.332	0.00	6.228	0.00
II-A10	0	5.904	0.00	9.043	0.00	VI-A5	0	10.439	0.00	11.954	0.00	Total	0	0.00	0.00	6.228	0.00
II-A11	0	10.439	0.00	11.954	0.00	Total	0	0.00	0.00	11.954	0.00	Total	0	0.00	0.00	6.228	0.00
II-A12	0	5.904	0.00	9.043	0.00	Kotodio River						San Pedro Basin					
II-A13	0	5.904	0.00	9.043	0.00	VII-A01	0	10.439	0.00	11.954	0.00	XI-A01	0	3.332	0.00	6.228	0.00
II-A14	0	10.439	0.00	11.954	0.00	VII-A02	0	10.439	0.00	11.954	0.00	XI-A02	0	3.332	0.00	6.228	0.00
II-A15	0	5.904	0.00	9.043	0.00	VII-A03	0	10.439	0.00	11.954	0.00	XI-A1	0	3.332	0.00	6.228	0.00
II-A16	0	10.439	0.00	11.954	0.00	VII-A1	0	10.439	0.00	11.954	0.00	XI-A2	0	3.332	0.00	6.228	0.00
Total	10	0.06	0.09	6.341	0.09	VII-A2	0	10.439	0.00	11.954	0.00	XI-A3	0	3.332	0.00	6.228	0.00
Total	10	0.06	0.09	6.341	0.09	Total	0	0.00	0.00	11.954	0.00	Total	0	0.00	0.00	6.228	0.00

River Basin			Average Year			1/5 Drought Year			River Basin			Average Year			1/5 Drought Year		
River Basin	Area (ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	River Basin	Area (ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	River Basin	Area (ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)
Whole Country	5,600	19.25	3.438	6.341	35.51	Bia River						Bia River					
I	0	0.00	0.00	6.228	0.00	VI	0	0.00	0.00	6.228	0.00	VI	0	0.00	0.00	6.228	0.00
II	10	6.000	0.06	9.000	0.09	VII	0	0.00	0.00	9.000	0.00	VII	0	0.00	0.00	9.000	0.00
III	780	4.051	3.16	7.026	5.48	VIII	420	3.357	1.41	6.214	2.61	VIII	420	3.357	1.41	6.214	2.61
IV	0	0.00	0.00	0.00	0.00	IX	4,390	3.330	14.62	6.226	27.33	IX	4,390	3.330	14.62	6.226	27.33
V	0	0.00	0.00	0.00	0.00	X	0	0.00	0.00	0.00	0.00	X	0	0.00	0.00	0.00	0.00
Total	5,600	19.25	3.438	6.341	35.51	Total	0	0.00	0.00	6.228	0.00	Total	0	0.00	0.00	6.228	0.00

**Table 7.1-9-5 Irrigation Water Demand of Pineapple in 1995**

River Basin		Area		Average Year		1/5 Drought Year		River Basin		Area		Average Year		1/5 Drought Year	
River	Basin	(ha)	(1000m <sup>2</sup> /ha)	Total (MCM)	(1000m <sup>2</sup> /ha)	Total (MCM)	(1000m <sup>2</sup> /ha)	River	Basin	(ha)	(1000m <sup>2</sup> /ha)	Total (MCM)	(1000m <sup>2</sup> /ha)	Total (MCM)	(1000m <sup>2</sup> /ha)
Sassandra	River	0	2,314	0.00	4,240	0.00	0.00	Comoe	River	300	2,314	2,314	0.69	4,240	1.27
I-A0		0	2,314	0.00	4,240	0.00	0.00	III-A1		0	2,314	2,314	0.02	4,240	0.04
I-A1		0	2,314	0.00	4,240	0.00	0.00	III-A2		10	2,314	4,458	0.00	7,116	0.00
I-A2		0	2,314	0.00	4,240	0.00	0.00	III-A3		0	4,458	8,731	0.00	10,414	0.00
I-A3		0	2,314	0.00	4,240	0.00	0.00	III-A4		0	8,731	17,462	0.00	34,924	0.00
I-A4		0	4,458	0.00	7,116	0.00	0.00	III-A5		0	8,731	17,462	0.00	34,924	0.00
I-A5		0	8,731	0.00	10,414	0.00	0.00	III-A6		0	4,458	8,916	0.00	10,414	0.00
I-A6		0	2,314	0.00	4,240	0.00	0.00	Total		310	4,458	8,916	0.71	13,316	1.31
I-A7		0	4,458	0.00	7,116	0.00	0.00	Cavally	River	0	2,314	2,314	0.00	4,240	0.00
I-A8		0	4,651	0.00	5,161	0.00	0.00	IV-A0		0	2,314	2,314	0.00	4,240	0.00
I-A9		0	4,651	0.00	5,161	0.00	0.00	IV-A1		0	2,314	2,314	0.00	4,240	0.00
I-A10		0	8,731	0.00	10,414	0.00	0.00	IV-A2		0	4,651	9,302	0.00	10,414	0.00
Total		0	0.00	0.00	0.00	0.00	0.00	Total		0	4,651	9,302	0.00	10,414	0.00
Bandama		0	2,314	0.00	4,240	0.00	0.00	V-A0		0	4,651	9,302	0.00	10,414	0.00
II-A0		290	2,314	0.67	4,240	1.23	0.00	Total		0	4,651	9,302	0.00	10,414	0.00
II-A1		220	2,314	0.51	4,240	0.93	0.00	Bani-Niè	River	0	8,731	8,731	0.00	10,414	0.00
II-A2		70	4,458	0.31	7,116	0.50	0.00	VI-A01		0	8,731	8,731	0.00	10,414	0.00
II-A3		150	4,458	0.67	7,116	1.07	0.00	VI-A02		0	8,731	8,731	0.00	10,414	0.00
II-A4		10	8,731	0.09	10,414	0.10	0.00	VI-A1		0	8,731	8,731	0.00	10,414	0.00
II-A5		0	8,731	0.00	10,414	0.00	0.00	VI-A2		0	8,731	8,731	0.00	10,414	0.00
II-A6		0	8,731	0.00	10,414	0.00	0.00	VI-A3		0	8,731	8,731	0.00	10,414	0.00
II-A7		0	8,731	0.00	10,414	0.00	0.00	VI-A4		0	8,731	8,731	0.00	10,414	0.00
II-A8		370	4,458	1.65	7,116	2.63	0.00	VI-A5		0	8,731	8,731	0.00	10,414	0.00
II-A9		0	4,458	0.00	7,116	0.00	0.00	Total		0	8,731	8,731	0.00	10,414	0.00
II-A10		380	4,458	1.69	7,116	2.70	0.00	Kolodio	River	0	8,731	8,731	0.00	10,414	0.00
II-A11		0	8,731	0.00	10,414	0.00	0.00	VII-A01		0	8,731	8,731	0.00	10,414	0.00
II-A12		0	4,458	0.00	7,116	0.00	0.00	VII-A02		0	8,731	8,731	0.00	10,414	0.00
II-A13		0	4,458	0.00	7,116	0.00	0.00	VII-A03		0	8,731	8,731	0.00	10,414	0.00
II-A14		0	8,731	0.00	10,414	0.00	0.00	VII-A1		0	8,731	8,731	0.00	10,414	0.00
II-A15		0	4,458	0.00	7,116	0.00	0.00	VII-A2		0	8,731	8,731	0.00	10,414	0.00
II-A16		0	8,731	0.00	10,414	0.00	0.00	Total		0	8,731	8,731	0.00	10,414	0.00
Total		1,490	5.59	10.25	5.049	17.67	0.00								

River Basin		Area		Average Year		1/5 Drought Year		River Basin		Area		Average Year		1/5 Drought Year	
River	Basin	(ha)	(1000m <sup>2</sup> /ha)	Total (MCM)	(1000m <sup>2</sup> /ha)	Total (MCM)	(1000m <sup>2</sup> /ha)	River	Basin	(ha)	(1000m <sup>2</sup> /ha)	Total (MCM)	(1000m <sup>2</sup> /ha)	Total (MCM)	(1000m <sup>2</sup> /ha)
Whole Country		3,500	2,929	10.25	5.049	17.67	0.00	VI		0	0	0.00	0.00	0.00	0.00
I		0	0	0.00	0.00	0.00	0.00	VII		0	0	0.00	0.00	0.00	0.00
II		1,490	3,752	5.59	6,148	9.16	0.00	VIII		180	2,353	0.42	4,167	0.75	5.74
III		310	2,290	0.71	4,226	1.31	0.00	IX		1,350	2,314	3.13	4,240	0.71	5.74
IV		0	0	0.00	0.00	0.00	0.00	X		170	2,353	0.40	4,176	0.71	5.74
V		0	0	0.00	0.00	0.00	0.00	XI		0	0	0.00	0.00	0.00	0.00

**Table 7.1-10-1 Water Demand of Livestock in 1995**

River Basin	Water Demand (MCM/year)					Total	River Basin	Water Demand (MCM/year)					Total	
	Cattle	Sheep Goats	Pigs	Poultry	Total			Bia River	Cattle	Sheep Goats	Pigs	Poultry		Total
Sassandra River														
I-A0	0.001	0.004	0.001	0.002	0.008	0.244	VIII-A01	0.003	0.013	0.000	0.006	0.022		
I-A1	0.008	0.043	0.011	0.034	0.096		VIII-A02	0.002	0.003	0.009	0.001	0.015		
I-A2	0.003	0.017	0.000	0.017	0.037		VIII-A1	0.005	0.023	0.001	0.011	0.040		
I-A3	0.011	0.053	0.009	0.046	0.119		VIII-A2	0.002	0.007	0.003	0.003	0.015		
I-A4	0.041	0.076	0.003	0.025	0.145		VIII-A3	0.009	0.023	0.001	0.011	0.044		
I-A5	0.139 *	0.070	0.000	0.011	0.220		VIII-A4	0.000	0.002	0.000	0.001	0.003		
I-A6	0.019	0.078	0.102	0.044	0.243		Total	0.021	0.071	0.014	0.033	0.139		
I-A7	0.055	0.118	0.041	0.292	0.486		Agneby Basin							
I-A8	0.007	0.035	0.004	0.020	0.066		IX-A0	0.057	0.040	0.250	0.018	0.365		
I-A9	0.011	0.019	0.000	0.007	0.037		IX-A1	0.008	0.007	0.034	0.003	0.052		
I-A10	0.068 *	0.019	0.000	0.002	0.089		IX-A2	0.019	0.040	0.038	0.010	0.127		
Total	0.363	0.532	0.171	0.286	1.352		IX-A3	0.007	0.023	0.007	0.004	0.041		
Bandama River							IX-A4	0.010	0.049	0.024	0.013	0.096		
II-A0	0.000	0.001	0.000	0.000	0.001		IX-A5	0.017	0.071	0.002	0.018	0.108		
II-A1	0.019	0.032	0.041	0.012	0.104		IX-A6	0.009	0.006	0.041	0.003	0.059		
II-A2	0.006	0.020	0.001	0.007	0.034		Total	0.127	0.236	0.416	0.069	0.848		
II-A3	0.045	0.139	0.013	0.034	0.231		Boubo Basin							
II-A4	0.152	0.196	0.023	0.027	0.398		X-A01	0.006	0.011	0.001	0.008	0.026		
II-A5	0.567 *	0.121	0.009	0.009	0.642		X-A02	0.001	0.005	0.002	0.003	0.011		
II-A6	1.817 *	0.021	0.024	0.014	1.976		X-A1	0.009	0.016	0.002	0.012	0.039		
II-A7	1.678 *	0.114	0.028	0.012	1.832		X-A2	0.019	0.043	0.014	0.027	0.103		
II-A8	0.185	0.011	0.034	0.034	0.486		X-A3	0.009	0.015	0.010	0.012	0.046		
II-A9	0.072	0.174	0.007	0.021	0.274		X-A4	0.003	0.011	0.003	0.007	0.024		
II-A10	0.250	0.208	0.036	0.014	0.509		Total	0.047	0.101	0.032	0.069	0.249		
II-A11	0.479 *	0.073	0.001	0.006	0.559		San Pedro Basin							
II-A12	0.022	0.079	0.023	0.016	0.140		XI-A01	0.005	0.012	0.001	0.010	0.028		
II-A13	0.048	0.071	0.002	0.015	0.136		XI-A02	0.002	0.004	0.000	0.004	0.010		
II-A14	0.261 *	0.054	0.000	0.010	0.325		XI-A1	0.010	0.019	0.000	0.018	0.047		
II-A15	0.031	0.049	0.000	0.005	0.085		XI-A2	0.003	0.006	0.000	0.006	0.015		
II-A16	0.882 *	0.063	0.015	0.008	0.968		XI-A3	0.001	0.003	0.000	0.003	0.007		
Total	6.514	1.707	0.234	0.244	8.699		Total	0.021	0.044	0.001	0.041	0.107		

River Basin	Water Demand (MCM/year)					Total	River Basin	Water Demand (MCM/year)					Total	
	Cattle	Sheep Goats	Pigs	Poultry	Total			Bia River	Cattle	Sheep Goats	Pigs	Poultry		Total
Whole Country	13.468	4.171	1.092	0.978	19.709		VI	2.852	0.265	0.003	0.028	3.148		
							VII	0.287	0.179	0.017	0.018	0.501		
							VIII	0.021	0.071	0.014	0.033	0.139		
							IX	0.127	0.256	0.416	0.069	0.848		
							X	0.047	0.101	0.032	0.069	0.249		
							XI	0.021	0.044	0.001	0.041	0.107		

(Note) 1) Unit Demand: Cattle 25 lit/head/day, Sheep and Goat: 5 lit/head/day, Pig: 7.25 lit/head/day, Poultry: 0.1 lit/head/day for Traditional pig 85%, 20 lit/head/day for Modern pig 15%, Poultry: 0.1 lit/head/day  
 2) \*: 30 lit/head/day taking increase of cattle number due to grazing beyond international boundary in dry season. (Cattle number is estimated to increase by 40% in dry season. 25lit/head/day x 1.20 = 30 lit/head/day)  
 3) Water losses are not considered in above table because livestock themselves access to water due to free grazing system mostly.

**Table 7.1-10-2 Livestock Number by River Basin in 1995**

River Basin				Livestock Number (heads)				River Basin				Livestock Number (heads)							
Sassandra River	Cattle	Sheep Goats	Pigs	Poultry	Comoe River	Cattle	Sheep Goats	Pigs	Poultry	Bia River	Cattle	Sheep Goats	Pigs	Poultry	V-Bia River	Cattle	Sheep Goats	Pigs	Poultry
I-A0	60	2,180	500	60,000	III-A1	4,610	20,960	56,870	390,000	VIII-A01	290	6,890	0	170,000	IX-A0	6,280	22,000	94,310	480,000
I-A1	870	23,640	4,240	930,000	III-A2	7,650	83,820	2,050	950,000	VIII-A02	270	1,850	3,410	40,000	IX-A1	860	3,960	12,850	70,000
I-A2	360	9,470	10	470,000	III-A3	18,020	144,510	4,350	740,000	VIII-A1	540	12,400	270	310,000	IX-A2	2,060	21,960	21,740	280,000
I-A3	1,210	29,070	3,230	1,260,000	III-A4	161,300	137,980	8,710	560,000	VIII-A2	210	3,750	1,040	90,000	IX-A3	740	12,620	2,700	120,000
I-A4	4,480	41,900	1,260	680,000	III-A5	103,640	36,130	2,410	190,000	VIII-A3	950	12,590	210	300,000	IX-A4	1,110	26,880	9,070	350,000
I-A5	12,710	38,550	100	300,000	III-A6	4,870	93,080	2,800	550,000	VIII-A4	50	1,270	0	30,000	IX-A5	1,850	39,010	800	500,000
I-A6	2,120	42,640	38,470	1,210,000	Total	300,090	516,480	77,190	3,380,000	Total	2,310	38,730	4,930	940,000	IX-A6	1,020	3,470	15,540	70,000
I-A7	6,020	64,510	15,540	2,140,000	Cavally River	Cattle	Sheep Goats	Pigs	Poultry	Agneby Basin	Cattle	Sheep Goats	Pigs	Poultry	Total	13,920	129,900	157,010	1,870,000
I-A8	750	19,450	1,570	540,000	IV-A0	190	2,500	0	100,000	IX-A0	6,280	22,000	94,310	480,000	X-A01	660	5,960	550	230,000
I-A9	1,220	10,150	140	200,000	IV-A1	990	25,610	280	980,000	IX-A1	860	3,960	12,850	70,000	X-A02	120	2,970	630	80,000
I-A10	6,240	10,620	30	50,000	IV-A2	270	11,660	100	380,000	IX-A2	2,060	21,960	21,740	280,000	X-A1	950	8,710	940	340,000
Total	36,040	292,180	65,090	7,840,000	Total	1,450	39,770	380	1,460,000	IX-A3	740	12,620	2,700	120,000	X-A2	2,120	23,460	5,140	750,000
Bandama	Cattle	Sheep Goats	Pigs	Poultry	Cetos River	Cattle	Sheep Goats	Pigs	Poultry	Total	260	10,710	30	360,000	X-A3	970	8,290	3,880	330,000
II-A0	50	420	0	10,000	Total	260	10,710	30	360,000	IX-A4	1,110	26,880	9,070	350,000	X-A4	350	6,150	1,160	190,000
II-A1	2,050	17,450	15,490	340,000	Total	260	10,710	30	360,000	Total	260,300	145,200	1,270	740,000	Total	5,170	55,540	12,300	1,920,000
II-A2	650	10,810	290	190,000	Bani-Nige River	Cattle	Sheep Goats	Pigs	Poultry	San Pedro Basin	Cattle	Sheep Goats	Pigs	Poultry	XI-A01	570	6,360	400	270,000
II-A3	4,880	75,920	4,980	930,000	VI-A01	19,430	7,950	80	20,000	XI-A02	220	2,120	0	100,000	XI-A1	1,050	10,250	0	500,000
II-A4	16,680	107,130	8,750	740,000	VI-A02	12,010	20,440	60	100,000	XI-A2	380	3,480	0	170,000	XI-A3	150	1,520	0	70,000
II-A5	51,740	31,260	3,300	260,000	VI-A1	59,030	24,050	670	80,000	Total	26,210	97,870	6,560	490,000	Total	2,370	23,730	400	1,110,000
II-A6	165,910	66,290	9,190	370,000	VI-A2	94,110	37,250	260	250,000	VI-A03	320	780	2,030	90,000	II	609,880	933,890	88,840	6,740,000
II-A7	153,230	62,470	10,470	340,000	VI-A3	60,960	30,390	130	160,000	VII-A1	5,410	13,050	1,100	50,000	III	300,090	516,480	77,190	3,380,000
II-A8	20,270	140,120	4,270	930,000	VI-A4	10,920	18,590	50	100,000	VII-A2	3,830	9,230	780	30,000	IV	1,450	39,770	380	1,460,000
II-A9	7,880	95,070	2,810	580,000	VI-A5	3,840	6,530	20	30,000	Total	26,210	97,870	6,560	490,000	V	260	10,710	30	360,000
II-A10	27,350	113,830	13,770	390,000	Total	260,300	145,200	1,270	740,000	Kolodio River	Cattle	Sheep Goats	Pigs	Poultry	I	36,040	292,180	65,090	7,840,000
II-A11	43,700	39,880	520	170,000	II-A11	43,700	39,880	520	170,000	VII-A01	6,680	50,760	2,580	320,000	II	609,880	933,890	88,840	6,740,000
II-A12	2,440	43,180	8,560	450,000	II-A12	2,440	43,180	8,560	450,000	VII-A02	320	780	2,030	90,000	III	300,090	516,480	77,190	3,380,000
II-A13	5,230	39,060	750	420,000	II-A13	5,230	39,060	750	420,000	VII-A03	9,970	24,050	2,030	90,000	IV	1,450	39,770	380	1,460,000
II-A14	23,860	29,680	10	270,000	II-A14	23,860	29,680	10	270,000	VII-A1	5,410	13,050	1,100	50,000	Total	609,880	933,890	88,840	6,740,000
II-A15	3,430	26,630	0	130,000	II-A15	3,430	26,630	0	130,000	VII-A2	3,830	9,230	780	30,000	Whole Country	Cattle	Sheep Goats	Pigs	Poultry
II-A16	80,530	34,690	5,680	220,000	II-A16	80,530	34,690	5,680	220,000	Total	26,210	97,870	6,560	490,000	I	1,258,000	2,284,000	414,000	26,850,000
Total	609,880	933,890	88,840	6,740,000	Total	609,880	933,890	88,840	6,740,000	Whole Country	Cattle	Sheep Goats	Pigs	Poultry	II	1,258,000	2,284,000	414,000	26,850,000

River Basin				Livestock Number (heads)				River Basin				Livestock Number (heads)							
Whole Country	Cattle	Sheep Goats	Pigs	Poultry	I	Cattle	Sheep Goats	Pigs	Poultry	II	Cattle	Sheep Goats	Pigs	Poultry	III	Cattle	Sheep Goats	Pigs	Poultry
I	36,040	292,180	65,090	7,840,000	VI	260,300	145,200	1,270	740,000	VII	26,210	97,870	6,560	490,000	VIII	300,090	516,480	77,190	3,380,000
II	609,880	933,890	88,840	6,740,000	VIII	300,090	516,480	77,190	3,380,000	IX	13,920	129,900	157,010	1,870,000	X	5,170	55,540	12,300	1,920,000
III	300,090	516,480	77,190	3,380,000	X	5,170	55,540	12,300	1,920,000	XI	2,370	23,730	400	1,110,000	Total	609,880	933,890	88,840	6,740,000
IV	1,450	39,770	380	1,460,000	Total	609,880	933,890	88,840	6,740,000	Whole Country	Cattle	Sheep Goats	Pigs	Poultry	Whole Country	Cattle	Sheep Goats	Pigs	Poultry
V	260	10,710	30	360,000	Total	609,880	933,890	88,840	6,740,000	Whole Country	Cattle	Sheep Goats	Pigs	Poultry	Whole Country	Cattle	Sheep Goats	Pigs	Poultry

**Table 7.1-10-3 Unit Water Demand of Livestock**

River Basin				Water Demand (lit/head/day)				River Basin				Water Demand (lit/head/day)			
Sassandra River	Cattle	Sheep Goats	Pigs	Poultry	Comoe River	Cattle	Sheep Goats	Pigs	Poultry	Bia River	Cattle	Sheep Goats	Pigs	Poultry	
L-A0	25	5	7.25	0.1	III-A1	25	5	7.25	0.1	VIII-A01	25	5	7.25	0.1	
L-A1	25	5	7.25	0.1	III-A2	25	5	7.25	0.1	VIII-A02	25	5	7.25	0.1	
L-A2	25	5	7.25	0.1	III-A3	25	5	7.25	0.1	VIII-A1	25	5	7.25	0.1	
L-A3	25	5	7.25	0.1	III-A4	30	5	7.25	0.1	VIII-A2	25	5	7.25	0.1	
L-A4	25	5	7.25	0.1	III-A5	30	5	7.25	0.1	VIII-A3	25	5	7.25	0.1	
L-A5	30	5	7.25	0.1	III-A6	25	5	7.25	0.1	VIII-A4	25	5	7.25	0.1	
L-A6	25	5	7.25	0.1	Total					Total					
L-A7	25	5	7.25	0.1	IV-A0	25	5	7.25	0.1	IX-A0	25	5	7.25	0.1	
L-A8	25	5	7.25	0.1	IV-A1	25	5	7.25	0.1	IX-A1	25	5	7.25	0.1	
L-A9	25	5	7.25	0.1	IV-A2	25	5	7.25	0.1	IX-A2	25	5	7.25	0.1	
L-A10	30	5	7.25	0.1	Total					IX-A3	25	5	7.25	0.1	
Total					Total					IX-A4	25	5	7.25	0.1	
II-A0	25	5	7.25	0.1	Cetos River	Cattle	Sheep Goats	Pigs	Poultry	IX-A5	25	5	7.25	0.1	
II-A1	25	5	7.25	0.1	V-A0	25	5	7.25	0.1	IX-A6	25	5	7.25	0.1	
II-A2	25	5	7.25	0.1	Total					Total					
II-A3	25	5	7.25	0.1	Bani-Nige River	Cattle	Sheep Goats	Pigs	Poultry	Total					
II-A4	25	5	7.25	0.1	VI-A01	30	5	7.25	0.1	Boubo Basin	Cattle	Sheep Goats	Pigs	Poultry	
II-A5	30	5	7.25	0.1	VI-A02	30	5	7.25	0.1	X-A01	25	5	7.25	0.1	
II-A6	30	5	7.25	0.1	VI-A1	30	5	7.25	0.1	X-A02	25	5	7.25	0.1	
II-A7	30	5	7.25	0.1	VI-A2	30	5	7.25	0.1	X-A1	25	5	7.25	0.1	
II-A8	25	5	7.25	0.1	VI-A3	30	5	7.25	0.1	X-A2	25	5	7.25	0.1	
II-A9	25	5	7.25	0.1	VI-A4	30	5	7.25	0.1	X-A3	25	5	7.25	0.1	
II-A10	25	5	7.25	0.1	VI-A5	30	5	7.25	0.1	X-A4	25	5	7.25	0.1	
II-A11	30	5	7.25	0.1	Total					Total					
II-A12	25	5	7.25	0.1	Kolodio River	Cattle	Sheep Goats	Pigs	Poultry	San Pedro Basin	Cattle	Sheep Goats	Pigs	Poultry	
II-A13	25	5	7.25	0.1	VII-A01	30	5	7.25	0.1	XI-A01	25	5	7.25	0.1	
II-A14	30	5	7.25	0.1	VII-A02	30	5	7.25	0.1	XI-A02	25	5	7.25	0.1	
II-A15	25	5	7.25	0.1	VII-A03	30	5	7.25	0.1	XI-A1	25	5	7.25	0.1	
II-A16	30	5	7.25	0.1	VII-A1	30	5	7.25	0.1	XI-A2	25	5	7.25	0.1	
Total					VII-A2	30	5	7.25	0.1	XI-A3	25	5	7.25	0.1	
					Total					Total					

**Table 7.1-11 Water Demand of Aquaculture in 1995**

River Basin	Area (ha)	Average Year		1/5 Drought Year		River Basin	Area (ha)	Average Year		1/5 Drought Year	
		(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)			(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)
Sassandra River	0	38.312	0.00	42.253	0.00	Bia River	0	38.312	0.00	42.253	0.00
I-A0	0	38.312	0.00	42.253	0.00	VIII-A01	0	38.312	0.00	42.253	0.00
I-A1	0	38.312	0.00	42.253	0.00	VIII-A02	0	38.312	0.00	42.253	0.00
I-A2	0	38.312	0.00	42.253	0.00	VIII-A1	0	38.312	0.00	42.253	0.00
I-A3	50	38.312	1.92	42.253	2.11	VIII-A2	0	38.312	0.00	42.253	0.00
I-A4	10	45.175	0.45	48.450	0.48	VIII-A3	0	38.312	0.00	42.253	0.00
I-A5	0	47.266	0.00	49.584	0.00	VIII-A4	0	38.312	0.00	42.253	0.00
I-A6	0	38.312	0.00	42.253	0.00	Total	0	38.312	0.00	42.253	0.00
I-A7	80	45.175	3.61	48.450	3.88	Agneby Basin	(ha)	(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)
I-A8	20	40.373	0.81	43.335	0.87	IX-A0	0	38.312	0.00	42.253	0.00
I-A9	0	40.373	0.00	43.335	0.00	IX-A1	0	38.312	0.00	42.253	0.00
I-A10	0	47.266	0.00	49.584	0.00	IX-A2	10	38.312	0.38	42.253	0.42
Total	160	6.79	7.34	7.34	7.34	IX-A3	10	38.312	0.38	42.253	0.42
Bandama	(ha)	(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)	IX-A4	0	38.312	0.00	42.253	0.00
II-A0	0	38.312	0.00	42.253	0.00	IX-A5	10	38.312	0.38	42.253	0.42
II-A1	0	38.312	0.00	42.253	0.00	IX-A6	0	38.312	0.00	42.253	0.00
II-A2	0	38.312	0.00	42.253	0.00	Total	30	38.312	1.14	42.253	1.26
II-A3	10	45.175	0.45	48.450	0.48	Bosbo Basin	(ha)	(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)
II-A4	10	45.175	0.45	48.450	0.48	X-A01	0	38.312	0.00	42.253	0.00
II-A5	0	47.266	0.00	49.584	0.00	X-A02	0	38.312	0.00	42.253	0.00
II-A6	0	47.266	0.00	49.584	0.00	X-A1	0	38.312	0.00	42.253	0.00
II-A7	0	47.266	0.00	49.584	0.00	X-A2	0	38.312	0.00	42.253	0.00
II-A8	40	45.175	1.81	48.450	1.94	X-A3	0	38.312	0.00	42.253	0.00
II-A9	0	45.175	0.00	48.450	0.00	X-A4	0	38.312	0.00	42.253	0.00
II-A10	10	45.175	0.45	48.450	0.48	Total	0	38.312	0.00	42.253	0.00
II-A11	0	47.266	0.00	49.584	0.00	San Pedro Basin	(ha)	(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)
II-A12	10	45.175	0.45	48.450	0.48	XI-A01	10	38.312	0.38	42.253	0.42
II-A13	0	45.175	0.00	48.450	0.00	XI-A02	0	38.312	0.00	42.253	0.00
II-A14	0	47.266	0.00	49.584	0.00	XI-A1	10	38.312	0.38	42.253	0.42
II-A15	0	45.175	0.00	48.450	0.00	XI-A2	0	38.312	0.00	42.253	0.00
II-A16	0	47.266	0.00	49.584	0.00	XI-A3	0	38.312	0.00	42.253	0.00
Total	80	3.61	3.86	3.86	3.86	Total	20	38.312	0.76	42.253	0.84

River Basin	Area (ha)	Average Year		1/5 Drought Year		River Basin	Area (ha)	Average Year		1/5 Drought Year	
		(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)			(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)
Whole Country	350	41.800	14.63	45.286	15.85	Bia River	0	#DIV/0!	0.00	#DIV/0!	0.00
I	160	42.438	6.79	45.875	7.34	VI	0	#DIV/0!	0.00	#DIV/0!	0.00
II	80	45.125	3.61	48.250	3.86	VII	0	#DIV/0!	0.00	#DIV/0!	0.00
III	20	38.000	0.76	42.000	0.84	VIII	0	#DIV/0!	0.00	#DIV/0!	0.00
IV	30	39.000	1.17	42.667	1.28	IX	30	38.000	1.14	42.000	1.26
V	10	40.000	0.40	43.000	0.43	X	0	#DIV/0!	0.00	#DIV/0!	0.00
						XI	20	38.000	0.76	42.000	0.84

### 2.3 Computation of Water Demand in 2015

Table 7.1-12-1	Surface Water Demand by Irrigation in 2015 .....
Table 7.1-12-2	Groundwater Demand by Irrigation in 2015.....
Table 7.1-13-1	Irrigation Water Demand of Double Cropping Rice in 2015 .....
Table 7.1-13-2	Irrigation Water Demand of Single Cropping Rice in 2015.....
Table 7.1-13-3	Irrigation Water Demand of Sugarcane in 2015.....
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Table 7.1-14-1	Water Demand of Livestock in 2015.....
Table 7.1-14-2	Livestock Number by River Basin in 2015 .....
Table 7.1-15	Water Demand of Aquaculture in 2015 .....
Table 7.1-16-1	Total Irrigation, Fishery and Livestock Demand for Surface Water in Average Year in 1995.....
Table 7.1-16-2	Total Irrigation, Fishery and Livestock Demand for Surface Water in 1/5 Year in 1995 .....
Table 7.1-17-1	Total Irrigation, Fishery and Livestock Demand for Surface Water in Average Year in 2015.....
Table 7.1-17-2	Total Irrigation, Fishery and Livestock Demand for Surface Water in 1/5 Year in 2015 .....
Table 7.1-18-1	Total Irrigation Demand for Groundwater in Average Year in 1995.....
Table 7.1-18-2	Total Irrigation Demand for Groundwater in 1/5 Year in 1995.....
Table 7.1-19-1	Total Irrigation Demand for Groundwater in Average Year in 2015.....
Table 7.1-19-2	Total Irrigation Demand for Groundwater in 1/5 Year in 2015.....

**Table 7.1-12-1 Surface Water Demand by Irrigation in 2015**

River Basin	Area (ha)	Average Year		1/5 Drought Year		River Basin	Area (ha)	Average Year		1/5 Drought Year	
		(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)			(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)
Sassandra River						Bia River					
I-A0	100	2.32	2.32	2.32	8.86	VIII-A01	290	1.26	1.26	1.26	1.95
I-A1	1,620	34.89	37.98	11.27	14.70	VIII-A02	120	0.51	0.51	0.51	0.75
I-A2	880	18.95	20.63	92.97	132.64	VIII-A1	450	2.20	2.20	2.20	3.20
I-A3	3,840	82.86	90.17	133.06	139.01	VIII-A2	210	0.82	0.82	0.82	1.32
I-A4	3,770	91.61	96.75	101.23	105.76	VIII-A3	560	2.41	2.41	2.41	3.80
I-A5	8,090	116.50	128.94	15.34	17.23	VIII-A4	70	0.20	0.20	0.20	0.38
I-A6	1,590	34.27	37.30	359.52	418.20	Total	1,700	7.40	7.40	11.40	11.40
I-A7	2,800	68.00	71.81	3.27	3.55	Agpeby Basin					
I-A8	3,260	77.80	81.99	38.62	49.05	IX-A0	4,090	12.59	12.59	22.05	22.05
I-A9	1,240	29.59	31.18	46.54	49.05	IX-A1	1,010	3.21	3.21	5.75	5.75
I-A10	420	11.40	11.91	108.43	116.40	IX-A2	1,860	6.52	6.52	10.92	10.92
Total	27,610	568.00	610.98	108.43	116.40	IX-A3	180	0.97	0.97	1.33	1.33
Bandama						IX-A4	4,660	15.91	15.91	27.73	27.73
II-A0	0	0.00	0.00	44.87	47.29	IX-A5	2,520	11.10	11.10	17.43	17.43
II-A1	1,500	4.49	7.40	44.87	47.29	IX-A6	400	1.16	1.16	1.93	1.93
II-A2	1,100	3.01	5.13	14.42	15.06	Total	14,720	51.46	51.46	87.14	87.14
II-A3	11,090	147.80	174.37	22.34	23.34	Bouabo Basin					
II-A4	4,860	103.40	110.98	51.95	54.28	X-A01	170	0.94	0.94	1.27	1.27
II-A5	10,330	159.39	175.00	136.07	142.16	X-A02	120	2.40	2.40	2.63	2.63
II-A6	21,090	361.81	392.80	72.73	75.98	X-A1	270	1.41	1.41	1.94	1.94
II-A7	9,950	270.48	282.60	20.11	21.01	X-A2	530	5.49	5.49	6.51	6.51
II-A8	9,690	198.78	214.37	7.14	7.46	X-A3	160	1.72	1.72	2.02	2.02
II-A9	1,010	24.61	25.98	324.76	339.29	X-A4	240	4.03	4.03	4.48	4.48
II-A10	4,440	69.77	78.30	7.14	7.46	Total	1,490	15.99	15.99	18.85	18.85
II-A11	1,590	43.24	45.18	0.00	0.00	San Pedro Basin					
II-A12	590	14.27	15.07	0.00	0.00	XI-A01	350	7.53	7.53	8.20	8.20
II-A13	1,480	35.91	37.92	2.23	2.33	XI-A02	130	2.76	2.76	3.00	3.00
II-A14	2,370	64.47	67.35	1.11	1.16	XI-A1	650	14.06	14.06	15.31	15.31
II-A15	990	24.03	25.38	0.79	0.82	XI-A2	210	4.51	4.51	4.92	4.92
II-A16	5,560	151.28	158.04	11.27	11.77	XI-A3	100	2.13	2.13	2.32	2.32
Total	87,640	1,676.74	1,815.87	11.27	11.77	Total	1,440	30.99	30.99	35.75	35.75

River Basin	Area (ha)	Average Year		1/5 Drought Year		River Basin	Area (ha)	Average Year		1/5 Drought Year	
		(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)			(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)
Whole Country						VI					
I	179,270	17.847	3,199.43	19.585	3,510.94	VII	410	27.488	11.27	28.707	11.77
II	87,640	19.132	1,676.74	20.720	1,815.87	VIII	1,700	4.353	7.40	6.706	11.40
III	25,630	14.027	359.52	16.317	418.20	IX	14,720	3.496	51.46	5.920	87.14
IV	4,820	22.496	108.43	24.149	116.4	X	1,490	10.732	15.99	12.651	18.85
V	1,880	23.867	44.87	25.154	47.29	XI	1,440	21.521	30.99	23.438	33.75

**Table 7.1-12-2 Groundwater Demand by Irrigation in 2015**

River Basin		Average Year		1/5 Drought Year		River Basin		Average Year		1/5 Drought Year		
Area (ha)	(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)	Area (ha)	(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)	
<b>Sassandhra River</b>												
I-A0	110	0.751	0.08	2.324	0.26	13.99	VII-A01	410	0.751	0.31	2.324	
I-A1	2,030	0.751	1.52	2.324	4.72	6.65	VII-A02	410	0.751	0.31	2.324	
I-A2	1,060	0.751	0.80	2.324	2.46	7.77	VII-A1	770	0.751	0.58	2.324	
I-A3	3,380	0.751	2.54	2.324	7.86	9.2	VII-A2	310	0.751	0.23	2.324	
I-A4	2,070	2.597	5.38	4.519	9.35	3.55	VII-A3	730	0.751	0.55	2.324	
I-A5	850	5.063	4.30	6.568	5.58	6.28	VIII-A4	80	0.751	0.06	2.324	
I-A6	3,180	2.39	2.39	2.324	7.39	47.44	Total	2,710	0.751	2.04	6.30	
I-A7	5,510	2.597	14.31	4.519	24.90	47.44	<b>Agreby Basin</b>					
I-A8	1,820	2.421	4.41	3.555	6.47	0.49	IX-A0	9,430	0.751	7.08	2.324	
I-A9	550	2.421	1.33	3.555	1.96	5.81	IX-A1	1,310	0.751	0.98	2.324	
I-A10	160	5.063	0.81	6.568	1.05	3.66	IX-A2	2,770	0.751	2.08	2.324	
Total	20,720	37.87	72.00	4.53	9.96	9.96	IX-A3	700	0.751	0.53	2.324	
<b>Bandana</b>												
II-A0	30	0.751	0.02	2.324	0.07	3.45	IX-A4	1,750	0.751	1.31	2.324	
II-A1	2,170	0.751	1.63	2.324	5.04	3.45	IX-A5	1,580	0.751	1.19	2.324	
II-A2	480	2.597	0.36	2.324	1.12	2.35	IX-A6	1,550	0.751	1.16	2.324	
II-A3	2,620	2.597	6.80	4.519	11.84	3.45	Total	19,090	0.751	14.33	44.37	
II-A4	2,820	2.597	7.32	4.519	12.74	0.53	<b>Boubo Basin</b>					
II-A5	920	5.063	4.66	6.568	6.04	2.04	X-A01	570	0.751	0.43	2.324	
II-A6	1,330	5.063	6.73	6.568	8.74	1.77	X-A02	180	0.751	0.14	2.324	
II-A7	1,200	5.063	6.08	6.568	7.88	4.4	X-A1	880	0.751	0.66	2.324	
II-A8	3,610	2.597	9.38	4.519	16.31	2.96	X-A2	1,880	0.751	1.41	2.324	
II-A9	1,850	2.597	4.80	4.519	8.36	1.84	X-A3	780	0.751	0.59	2.324	
II-A10	3,060	2.597	7.95	4.519	13.83	0.66	X-A4	430	0.751	0.32	2.324	
II-A11	630	5.063	3.19	6.568	4.14	14.2	Total	4,720	0.751	3.55	10.97	
II-A12	1,250	2.597	3.25	4.519	5.65	4.47	<b>San Pedro Basin</b>					
II-A13	1,010	2.597	2.62	4.519	4.56	4.47	XI-A01	680	0.751	0.51	2.324	
II-A14	740	5.063	3.75	6.568	4.86	0.07	XI-A02	250	0.751	0.19	2.324	
II-A15	440	2.597	1.14	4.519	1.99	1.31	XI-A1	1,300	0.751	0.98	2.324	
II-A16	720	5.063	3.65	6.568	4.73	0.72	XI-A2	430	0.751	0.32	2.324	
Total	24,880	73.33	117.90	4.73	3.45	3.45	XI-A3	170	0.751	0.13	2.324	
<b>Whole Country</b>												
Area (ha)	96,830	1.870	181.12	3.514	340.27	340.27	<b>River Basin</b>					
							Area (ha)		Average Year		1/5 Drought Year	
							River Basin		Total (MCM)		Total (MCM)	
							Bia River		Total (MCM)		Total (MCM)	
							VI		5,069		6,574	
							VII		5,065		6,574	
							VIII		7,753		2,325	
							IX		19,090		14,33	
							X		4,720		3,55	
							XI		2,830		2,13	
							Total		7,10		2,13	

(Note) Crops are vegetables for groundwater irrigation.

**Table 7.1-13-1 Irrigation Water Demand of Double Cropping Rice in 2015**

River Basin	Average Year			1/5 Drought Year			River Basin			Average Year			1/5 Drought Year		
	Area (ha)	(1000m <sup>3</sup> /ha)	Total (MCM)	Area (ha)	(1000m <sup>3</sup> /ha)	Total (MCM)	River Basin	Area (ha)	(1000m <sup>3</sup> /ha)	Total (MCM)	Area (ha)	(1000m <sup>3</sup> /ha)	Total (MCM)		
Sassandra River	70	25,560	1,79	27,550	1,93		Comoe River	70	25,560	1,79	27,550	1,93			
I-A0	1,160	25,560	29,65	27,550	31,96		III-A1	270	25,560	6,90	27,550	7,44			
I-A1	630	25,560	16,10	27,550	17,36		III-A2	970	28,912	28,04	30,317	29,41			
I-A2	2,760	25,560	70,55	27,550	76,04		III-A3	3,510	32,811	115,17	34,377	120,66			
I-A3	2,710	28,912	78,35	30,317	82,16		III-A4	2,670	32,811	87,61	34,377	91,79			
I-A4	1,620	32,811	53,15	34,377	55,69		III-A5	390	28,912	11,28	30,317	11,82			
I-A5	1,140	25,560	29,14	27,550	31,41		III-A6	7,880	250,79	263,05	263,05	3,04			
I-A6	2,010	28,912	58,11	30,317	60,94		Total	110							
I-A7	2,340	28,548	66,80	29,980	70,15		Cavally River	110	25,560	2,81	27,550	3,03			
I-A8	890	28,548	25,41	29,980	26,68		IV-A0	1,950	25,560	49,84	27,550	53,72			
I-A9	300	32,811	9,84	34,377	10,31		IV-A1	1,400	28,548	39,97	29,980	41,97			
I-A10	15,630	438,89	464,63	464,63	464,63		IV-A2	3,460	92,62	98,72	98,72				
Total							Total								
Bandama	0	25,560	0,00	27,550	0,00		Cestos River	1,350	28,548	38,54	29,980	40,47			
II-A0	40	25,560	1,02	27,550	1,10		V-A0	1,350	28,548	38,54	29,980	40,47			
II-A1	20	25,560	0,51	27,550	0,55		Total	1,350							
II-A2	3,420	28,912	98,88	30,317	103,68		Bani-Niger River	380	32,811	12,47	34,377	13,06			
II-A3	2,960	28,912	85,58	30,317	89,74		VI-A01	590	32,811	19,36	34,377	20,28			
II-A4	2,500	32,811	82,03	34,377	85,94		VI-A02	1,370	32,811	44,95	34,377	47,10			
II-A5	6,570	32,811	215,57	34,377	225,86		VI-A1	3,590	32,811	117,79	34,377	123,41			
II-A6	7,130	32,811	233,94	34,377	245,11		VI-A2	1,920	32,811	63,00	34,377	66,00			
II-A7	5,630	28,912	162,77	30,317	170,68		VI-A3	530	32,811	17,39	34,377	18,22			
II-A8	730	28,912	21,11	30,317	22,13		VI-A4	190	32,811	6,23	34,377	6,53			
II-A9	1,810	28,912	52,33	30,317	54,87		VI-A5	8,570	281,19	294,60	294,60				
II-A10	1,140	32,811	37,40	34,377	39,19		Total								
Total	420	28,912	12,14	30,317	12,73		Kolodjo River	190	32,811	6,23	34,377	6,53			
III-A01	1,060	28,912	30,65	30,317	32,14		VII-A01	0	32,811	0,00	34,377	0,00			
III-A1	710	32,811	55,78	34,377	58,44		VII-A02	60	32,811	1,97	34,377	2,06			
III-A2	3,990	32,811	130,92	34,377	137,16		VII-A03	30	32,811	0,98	34,377	1,03			
III-A3	3,990	32,811	130,92	34,377	137,16		VII-A1	20	32,811	0,66	34,377	0,69			
III-A4			1,241,16		1,300,85		VII-A2	300	32,811	9,84	9,84	10,31			
Total							Total								
San Pedro Basin	250	25,560	6,39	27,550	6,89		San Pedro Basin	250	25,560	6,39	27,550	6,89			
XI-A01	90	25,560	2,30	27,550	2,48		XI-A01	8,570	32,811	281,19	34,376	294,60			
XI-A02	470	25,560	12,01	27,550	12,95		XI-A02	300	32,800	9,84	34,367	10,31			
XI-A1	150	25,560	3,83	27,550	4,13		VII	110	25,036	2,82	27,636	3,04			
XI-A2	70	25,560	1,79	27,550	1,93		VIII	370	25,568	9,46	27,568	10,20			
XI-A3	1,030	26,32	26,32	27,550	28,38		IX	470	25,553	12,01	27,553	12,95			
Total							X	1,030	25,553	26,32	27,553	28,38			

River Basin	Average Year			1/5 Drought Year			River Basin			Average Year			1/5 Drought Year		
	Area (ha)	(1000m <sup>3</sup> /ha)	Total (MCM)	Area (ha)	(1000m <sup>3</sup> /ha)	Total (MCM)	Whole Country	Area (ha)	(1000m <sup>3</sup> /ha)	Total (MCM)	Area (ha)	(1000m <sup>3</sup> /ha)	Total (MCM)		
Whole Country	79,000	30,426	2,403,64	31,990	2,527,20		I	15,630	28,080	438,89	29,727	464,63			
							II	39,830	31,161	1,241,16	32,660	1,300,85			
							III	7,880	31,826	250,79	33,382	263,05			
							IV	3,460	26,769	92,62	28,532	98,72			
							V	1,350	28,548	38,54	29,978	40,47			

**Table 7.1-13-2 Irrigation Water Demand of Single Cropping Rice in 2015**

River Basin	Area (ha)	Average Year (1000m <sup>3</sup> /ha)	1/5 Drought Year (1000m <sup>3</sup> /ha)	Total (MCM)	River Basin	Area (ha)	Average Year (1000m <sup>3</sup> /ha)	1/5 Drought Year (1000m <sup>3</sup> /ha)	Total (MCM)	River Basin	Area (ha)	Average Year (1000m <sup>3</sup> /ha)	1/5 Drought Year (1000m <sup>3</sup> /ha)	Total (MCM)		
Sassandhra River	30	11.399	13.087	0.39	Comore River	III-A1	20	11.399	0.23	III-A1	20	11.399	13.087	0.26		
I-A0	460	11.399	13.087	6.02	III-A2	110	11.399	1.25	13.087	1.44	VIII-A01	0	11.399	0.00		
I-A1	250	11.399	13.087	3.27	III-A3	380	12.513	4.75	13.764	5.23	VIII-A02	0	11.399	0.00		
I-A2	1,080	11.399	13.087	14.13	III-A4	1,380	12.967	17.89	13.300	18.35	VIII-A1	10	11.399	0.11		
I-A3	1,060	12.513	13.26	14.59	III-A5	1,050	12.967	13.62	13.300	13.97	VIII-A2	0	11.399	0.00		
I-A4	640	12.967	8.30	8.51	III-A6	150	12.513	1.88	13.764	2.06	VIII-A3	10	11.399	0.11		
I-A5	450	11.399	13.087	5.89	Total	3,090	39.62	41.31	41.31	41.31	VIII-A4	0	11.399	0.00		
I-A6	790	12.513	9.89	10.87	Cavally River	IV-A0	40	11.399	0.46	13.087	0.52	Total	20	11.399	0.22	
I-A7	920	11.952	11.00	11.84	IV-A0	40	11.399	0.46	13.087	0.52	Agneby Basin	(ha)	(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)
I-A8	350	11.952	4.18	4.50	IV-A1	770	11.399	8.78	13.087	10.08	IX-A0	10	11.399	0.11	13.087	0.13
I-A9	120	12.967	1.56	1.60	IV-A2	550	11.952	6.57	12.870	7.08	IX-A1	0	11.399	0.00	13.087	0.00
I-A10	6,150	74.06	81.61	81.61	Total	1,360	15.81	17.68	17.68	17.68	IX-A2	20	11.399	0.23	13.087	0.26
Total					Cetes River	(ha)	(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)	IX-A3	10	11.399	0.11	13.087	0.13
Bandanna	0	11.399	0.00	0.00	V-A0	530	11.952	6.33	12.870	6.82	IX-A4	30	11.399	0.34	13.087	0.39
II-A0	10	11.399	0.11	0.13	Total	530	6.33	6.82	6.82	6.82	IX-A5	50	11.399	0.57	13.087	0.65
II-A1	0	11.399	0.00	0.00	Bani-Nige River	(ha)	(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)	IX-A6	0	11.399	0.00	13.087	0.00
II-A2	1,350	12.513	16.89	18.58	VI-A01	150	12.967	1.95	13.300	2.00	Total	120	1.36	1.36	1.56	
II-A3	1,160	12.513	14.52	15.97	VI-A02	230	12.967	2.98	13.300	3.06	Baobu Basin	(ha)	(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)
II-A4	980	12.967	12.71	13.03	VI-A1	540	12.967	7.00	13.300	7.18	X-A01	10	11.399	0.11	13.087	0.13
II-A5	2,590	12.967	33.58	34.45	VI-A2	1,410	12.967	18.28	13.300	18.75	X-A02	30	11.399	0.34	13.087	0.39
II-A6	2,810	12.967	36.44	37.37	VI-A3	750	12.967	9.73	13.300	9.98	X-A1	10	11.399	0.11	13.087	0.13
II-A7	2,220	12.513	27.78	30.56	VI-A4	210	12.967	2.72	13.300	2.79	X-A2	60	11.399	0.68	13.087	0.79
II-A8	280	12.513	3.50	3.85	VI-A5	70	12.967	0.91	13.300	0.93	X-A3	20	11.399	0.23	13.087	0.26
II-A9	710	12.513	8.88	9.77	Total	3,360	43.57	44.69	44.69	44.69	X-A4	50	11.399	0.57	13.087	0.65
II-A10	450	12.967	5.84	5.99	Kolodjo River	(ha)	(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)	Total	180	2.04	2.04	2.35	
II-A11	170	12.513	2.13	2.34	VII-A01	70	12.967	0.91	13.300	0.93	San Pedro Basin	(ha)	(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)
II-A12	420	12.513	5.26	5.78	VII-A02	0	12.967	0.00	13.300	0.00	XI-A01	100	11.399	1.14	13.087	1.31
II-A13	670	12.967	8.69	8.91	VII-A03	20	12.967	0.26	13.300	0.27	XI-A02	40	11.399	0.46	13.087	0.52
II-A14	280	12.513	3.50	3.85	VIII-A1	10	12.967	0.13	13.300	0.13	XI-A1	180	11.399	2.05	13.087	2.36
II-A15	1,570	12.967	20.36	20.88	VIII-A2	10	12.967	0.13	13.300	0.13	XI-A2	60	11.399	0.68	13.087	0.79
II-A16	15,670	200.19	211.46	211.46	Total	110	1.45	1.46	1.46	1.46	XI-A3	30	11.399	0.34	13.087	0.39
Total											Total	410	4.67	4.67	5.37	

River Basin	Area (ha)	Average Year (1000m <sup>3</sup> /ha)	1/5 Drought Year (1000m <sup>3</sup> /ha)	Total (MCM)	River Basin	Area (ha)	Average Year (1000m <sup>3</sup> /ha)	1/5 Drought Year (1000m <sup>3</sup> /ha)	Total (MCM)
Whole Country	31,000	12.558	389.30	414.57	Bia River	VI	3,360	12.967	43.57
					VII	110	13.000	1.43	13.273
					VIII	20	11.000	0.22	13.000
					IX	120	11.333	1.36	13.000
					X	180	11.333	2.04	13.056
					XI	410	11.390	4.67	13.098
									5.37

**Table 7.1-13-3 Irrigation Water Demand of Sugarcane in 2015**

River Basin		Area		Average Year		1/5 Drought Year		River Basin		Area		Average Year		1/5 Drought Year			
River Basin	Area (ha)	(1000m <sup>2</sup> /ha)	Total (MCM)	(1000m <sup>2</sup> /ha)	Total (MCM)	River Basin	Area (ha)	(1000m <sup>2</sup> /ha)	Total (MCM)	(1000m <sup>2</sup> /ha)	Total (MCM)	River Basin	Area (ha)	(1000m <sup>2</sup> /ha)	Total (MCM)		
Sassandra River	0	2.472	0.00	6.047	0.00	Comoe River	III-A1	0	2.472	0.00	6.047	Bia River	VIII-A01	0	2.472	0.00	
I-A0	0	2.472	0.00	6.047	0.00	III-A2	0	2.472	0.00	6.047	0.00	VIII-A02	0	2.472	0.00	6.047	
I-A1	0	2.472	0.00	6.047	0.00	III-A3	11,800	5,100	60.18	8,305	98.00	VIII-A1	0	2.472	0.00	6.047	
I-A2	0	2.472	0.00	6.047	0.00	III-A4	0	9.443	0.00	11.105	0.00	VIII-A2	0	2.472	0.00	6.047	
I-A3	0	2.472	0.00	6.047	0.00	III-A5	0	9.443	0.00	11.105	0.00	VIII-A3	0	2.472	0.00	6.047	
I-A4	0	5.100	0.00	8.305	0.00	III-A6	0	5.100	0.00	8.305	0.00	VIII-A4	0	2.472	0.00	6.047	
I-A5	5,830	9.443	55.05	11.105	64.74	Total	11,800	60.18	98.00	0.00	Total	0	0.00	0.00	0.00		
I-A6	0	2.472	0.00	6.047	0.00	Cavally River	0	2.472	0.00	6.047	0.00	Agueby Basin	IX-A0	0	2.472	0.00	6.047
I-A7	0	5.100	0.00	8.305	0.00	IV-A0	0	2.472	0.00	6.047	0.00	IX-A1	0	2.472	0.00	6.047	
I-A8	0	5.110	0.00	6.191	0.00	IV-A1	0	2.472	0.00	6.047	0.00	IX-A2	0	2.472	0.00	6.047	
I-A9	0	5.110	0.00	6.191	0.00	IV-A2	0	5.110	0.00	6.191	0.00	IX-A3	0	2.472	0.00	6.047	
I-A10	0	9.443	0.00	11.105	0.00	Total	0	0.00	0.00	0.00	IX-A4	0	2.472	0.00	6.047		
Total	5,830	55.05	64.74	0.00	0.00	Cetes River	0	2.472	0.00	6.047	0.00	IX-A5	0	2.472	0.00	6.047	
Bandiana	0	2.472	0.00	6.047	0.00	V-A0	0	5.110	0.00	6.191	0.00	Total	0	0.00	0.00	0.00	
II-A0	0	2.472	0.00	6.047	0.00	Total	0	0.00	0.00	0.00	Boubo Basin	X-A01	0	2.472	0.00	6.047	
II-A1	0	2.472	0.00	6.047	0.00	Bani-Niye River	0	9.443	0.00	11.105	0.00	X-A02	0	2.472	0.00	6.047	
II-A2	0	2.472	0.00	6.047	0.00	VI-A01	0	9.443	0.00	11.105	0.00	X-A1	0	2.472	0.00	6.047	
II-A3	6,000	5.100	30.60	8.305	49.83	VI-A02	0	9.443	0.00	11.105	0.00	X-A2	0	2.472	0.00	6.047	
II-A4	0	5.100	0.00	8.305	0.00	VI-A1	0	9.443	0.00	11.105	0.00	X-A3	0	2.472	0.00	6.047	
II-A5	6,800	9.443	64.21	11.105	75.51	VI-A2	0	9.443	0.00	11.105	0.00	Total	0	0.00	0.00	0.00	
II-A6	11,920	9.443	112.56	11.105	132.37	VI-A3	0	9.443	0.00	11.105	0.00	San Pedro Basin	XI-A01	0	2.472	0.00	6.047
II-A7	0	9.443	0.00	11.105	0.00	VI-A4	0	9.443	0.00	11.105	0.00	XI-A02	0	2.472	0.00	6.047	
II-A8	0	5.100	0.00	8.305	0.00	VI-A5	0	9.443	0.00	11.105	0.00	XI-A1	0	2.472	0.00	6.047	
II-A9	0	5.100	0.00	8.305	0.00	Total	0	0.00	0.00	0.00	XI-A2	0	2.472	0.00	6.047		
II-A10	0	5.100	0.00	8.305	0.00	Koloto River	0	9.443	0.00	11.105	0.00	XI-A3	0	2.472	0.00	6.047	
II-A11	0	9.443	0.00	11.105	0.00	VI-A01	0	9.443	0.00	11.105	0.00	Total	0	0.00	0.00	0.00	
II-A12	0	5.100	0.00	8.305	0.00	VI-A02	0	9.443	0.00	11.105	0.00	Whole Country	42,350	7.617	322.60	9.928	420.45
II-A13	0	5.100	0.00	8.305	0.00	VI-A03	0	9.443	0.00	11.105	0.00	I	5,830	9.443	55.05	11.105	64.74
II-A14	0	9.443	0.00	11.105	0.00	VI-A1	0	9.443	0.00	11.105	0.00	II	24,720	8.389	207.37	10.425	257.71
II-A15	0	5.100	0.00	8.305	0.00	VI-A2	0	9.443	0.00	11.105	0.00	III	11,800	5.100	60.18	8.305	98.00
II-A16	0	9.443	0.00	11.105	0.00	VI-A3	0	9.443	0.00	11.105	0.00	IV	0	#DIV/0!	0.00	#DIV/0!	0
Total	24,720	207.37	257.71	0.00	0.00	VI-A4	0	9.443	0.00	11.105	0.00	V	0	#DIV/0!	0.00	#DIV/0!	0

River Basin		Area		Average Year		1/5 Drought Year		River Basin		Area		Average Year		1/5 Drought Year	
River Basin	Area (ha)	(1000m <sup>2</sup> /ha)	Total (MCM)	(1000m <sup>2</sup> /ha)	Total (MCM)	River Basin	Area (ha)	(1000m <sup>2</sup> /ha)	Total (MCM)	(1000m <sup>2</sup> /ha)	Total (MCM)	River Basin	Area (ha)	(1000m <sup>2</sup> /ha)	Total (MCM)
Whole Country	42,350	7.617	322.60	9.928	420.45	I	5,830	9.443	55.05	11.105	64.74	VI	0	#DIV/0!	0.00
I	5,830	9.443	55.05	11.105	64.74	II	24,720	8.389	207.37	10.425	257.71	VII	0	#DIV/0!	0.00
II	24,720	8.389	207.37	10.425	257.71	III	11,800	5.100	60.18	8.305	98.00	VIII	0	#DIV/0!	0.00
III	11,800	5.100	60.18	8.305	98.00	IV	0	#DIV/0!	0.00	#DIV/0!	0	IX	0	#DIV/0!	0.00
IV	0	#DIV/0!	0.00	#DIV/0!	0	V	0	#DIV/0!	0.00	#DIV/0!	0	X	0	#DIV/0!	0.00
V	0	#DIV/0!	0.00	#DIV/0!	0	Total	24,720	207.37	257.71	0.00	0.00	XI	0	#DIV/0!	0.00
Total	24,720	207.37	257.71	0.00	0.00										

**Table 7.1-13-4 Irrigation Water Demand of Banana in 2015**

River Basin		Average Year		1/5 Drought Year		River Basin		Average Year		1/5 Drought Year		
Area (ha)	(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)	Area (ha)	(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)	Area (ha)	(1000m <sup>3</sup> /ha)	Total (MCM)
<b>Sassandra River</b>												
I-A0	0	3.332	0.00	6.228	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
I-A1	0	3.332	0.00	6.228	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
I-A2	0	3.332	0.00	6.228	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
I-A3	0	3.332	0.00	6.228	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
I-A4	0	5.904	0.00	9.043	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
I-A5	0	10.439	0.00	11.954	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
I-A6	0	3.332	0.00	6.228	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
I-A7	0	5.904	0.00	9.043	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
I-A8	0	6.027	0.00	6.750	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
I-A9	0	6.027	0.00	6.750	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
I-A10	0	10.439	0.00	11.954	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Bandama</b>												
II-A0	0	3.332	0.00	6.228	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
II-A1	10	3.332	0.03	6.228	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
II-A2	0	3.332	0.00	6.228	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
II-A3	0	5.904	0.00	9.043	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
II-A4	0	5.904	0.00	9.043	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
II-A5	0	10.439	0.00	11.954	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
II-A6	10	10.439	0.10	11.954	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
II-A7	10	10.439	0.10	11.954	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
II-A8	20	5.904	0.12	9.043	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
II-A9	0	5.904	0.00	9.043	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
II-A10	0	5.904	0.00	9.043	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
II-A11	0	10.439	0.00	11.954	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
II-A12	0	5.904	0.00	9.043	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
II-A13	0	5.904	0.00	9.043	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
II-A14	0	10.439	0.00	11.954	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
II-A15	0	5.904	0.00	9.043	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
II-A16	0	10.439	0.00	11.954	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	50	0.35	33.42	6.353	61.56	0.48	0.00	0.00	0.00	0.00	0.00	0.00
<b>Comoe River</b>												
III-A1	70	3.332	0.23	6.228	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00
III-A2	900	3.332	3.00	6.228	5.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00
III-A3	0	5.904	0.00	9.043	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
III-A4	0	10.439	0.00	11.954	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
III-A5	0	10.439	0.00	11.954	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
III-A6	370	5.904	2.18	9.043	3.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	1,340	0.00	5.41	9.40	9.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Cavally River</b>												
IV-A0	0	3.332	0.00	6.228	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IV-A1	0	3.332	0.00	6.228	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IV-A2	0	6.027	0.00	6.750	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Cetou River</b>												
V-A0	0	6.027	0.00	6.750	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Bani-Nièg River</b>												
VI-A01	0	10.439	0.00	11.954	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VI-A02	0	10.439	0.00	11.954	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VI-A1	0	10.439	0.00	11.954	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VI-A2	0	10.439	0.00	11.954	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VI-A3	0	10.439	0.00	11.954	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VI-A4	0	10.439	0.00	11.954	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VI-A5	0	10.439	0.00	11.954	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Kolodio River</b>												
VII-A01	0	10.439	0.00	11.954	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VII-A02	0	10.439	0.00	11.954	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VII-A03	0	10.439	0.00	11.954	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VII-A1	0	10.439	0.00	11.954	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VII-A2	0	10.439	0.00	11.954	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>San Pedro Basin</b>												
XI-A01	0	3.332	0.00	6.228	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XI-A02	0	3.332	0.00	6.228	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XI-A1	0	3.332	0.00	6.228	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XI-A2	0	3.332	0.00	6.228	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XI-A3	0	3.332	0.00	6.228	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Agneby Basin</b>												
IX-A0	1,620	3.332	5.40	6.228	10.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IX-A1	620	3.332	2.07	6.228	3.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IX-A2	850	3.332	2.83	6.228	5.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IX-A3	10	3.332	0.03	6.228	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IX-A4	2,940	3.332	9.80	6.228	18.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IX-A5	1,530	3.332	5.10	6.228	9.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IX-A6	0	3.332	0.00	6.228	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	7,570	0.00	25.23	47.14	47.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Bonbo Basin</b>												
X-A01	0	3.332	0.00	6.228	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
X-A02	0	3.332	0.00	6.228	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
X-A1	0	3.332	0.00	6.228	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
X-A2	0	3.332	0.00	6.228	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
X-A3	0	3.332	0.00	6.228	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
X-A4	0	3.332	0.00	6.228	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

River Basin		Average Year		1/5 Drought Year		River Basin		Average Year		1/5 Drought Year		
Area (ha)	(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)	Area (ha)	(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)	Area (ha)	(1000m <sup>3</sup> /ha)	Total (MCM)
<b>Whole Country</b>												
I	9,690	3.449	33.42	6.353	61.56	0.48	0.00	0.00	0.00	0.00	0.00	0.00
II	50	7.000	0.35	9.600	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00
III	1,340	4.037	5.41	7.015	9.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IV	0	#DIV/0!	0.00	#DIV/0!	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
V	0	#DIV/0!	0.00	#DIV/0!	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VI	0	#DIV/0!	0.00	#DIV/0!	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VII	0	#DIV/0!	0.00	#DIV/0!	0.00	0.00	0.00	0.00				

**Table 7.1-13-5 Irrigation Water Demand of Pineapple in 2015**

River Basin	Area (ha)	Average Year		1/5 Drought Year		River Basin	Area (ha)	Average Year		1/5 Drought Year		River Basin	Area (ha)	Average Year		1/5 Drought Year	
		(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)			(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)			(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)
Sassandra River	0	2,314	0.00	4,240	0.00	Comoe River	1,470	2,314	3.40	4,240	6.23	VIII-A01	140	2,314	0.32	4,240	0.59
I-A0	0	2,314	0.00	4,240	0.00	III-A2	50	2,314	0.12	4,240	0.21	VIII-A02	110	2,314	0.25	4,240	0.47
I-A1	0	2,314	0.00	4,240	0.00	III-A3	0	4,458	0.00	7,116	0.00	VIII-A1	260	2,314	0.60	4,240	1.10
I-A2	0	2,314	0.00	4,240	0.00	III-A4	0	8,731	0.00	10,414	0.00	VIII-A2	100	2,314	0.23	4,240	0.42
I-A3	0	2,314	0.00	4,240	0.00	III-A5	0	8,731	0.00	10,414	0.00	VIII-A3	200	2,314	0.46	4,240	0.85
I-A4	0	4,458	0.00	7,116	0.00	III-A6	0	4,458	0.00	7,116	0.00	VIII-A4	30	2,314	0.07	4,240	0.13
I-A5	0	8,731	0.00	10,414	0.00	Total	1,520	4,458	3.52	7,116	6.44	Total	840	2,314	1.93	4,240	3.56
I-A6	0	2,314	0.00	4,240	0.00	Cavally River	0	2,314	0.00	4,240	0.00	Agreby Basin	2,400	2,314	5.55	4,240	10.18
I-A7	0	4,458	0.00	5,161	0.00	IV-A0	0	2,314	0.00	4,240	0.00	IX-A0	2,400	2,314	5.55	4,240	10.18
I-A8	0	4,651	0.00	5,161	0.00	IV-A1	0	2,314	0.00	4,240	0.00	IX-A1	380	2,314	0.88	4,240	1.61
I-A9	0	4,651	0.00	5,161	0.00	IV-A2	0	4,651	0.00	5,161	0.00	IX-A2	940	2,314	2.18	4,240	3.99
I-A10	0	8,731	0.00	10,414	0.00	Total	0	0	0.00	5,161	0.00	IX-A3	140	2,314	0.32	4,240	0.59
Total	0	0.00	0.00	0.00	0.00	Cestos River	0	0	0.00	0.00	0.00	IX-A4	1,610	2,314	3.73	4,240	6.83
Bandama	0	2,314	0.00	4,240	0.00	V-A0	0	4,651	0.00	5,161	0.00	IX-A5	800	2,314	1.85	4,240	3.39
II-A0	0	2,314	0.00	4,240	0.00	Total	0	0	0.00	0.00	0.00	IX-A6	390	2,314	0.90	4,240	1.65
II-A1	1,440	2,314	3.33	4,240	4.58	Bani-Niye River	0	8,731	0.00	10,414	0.00	Total	6,660	2,314	15.41	4,240	28.24
II-A2	1,080	2,314	2.50	4,240	2.28	VI-A01	0	8,731	0.00	10,414	0.00	Boubo Basin	140	2,314	0.32	4,240	0.59
II-A3	320	4,458	1.43	7,116	2.28	VI-A02	0	8,731	0.00	10,414	0.00	X-A01	10	2,314	0.02	4,240	0.04
II-A4	740	4,458	3.30	7,116	5.27	VI-A1	0	8,731	0.00	10,414	0.00	X-A2	230	2,314	0.53	4,240	0.98
II-A5	50	8,731	0.44	10,414	0.52	VI-A2	0	8,731	0.00	10,414	0.00	X-A3	310	2,314	0.72	4,240	1.31
II-A6	0	8,731	0.00	10,414	0.00	VI-A3	0	8,731	0.00	10,414	0.00	X-A4	60	2,314	0.14	4,240	0.25
II-A7	0	8,731	0.00	10,414	0.00	VI-A4	0	8,731	0.00	10,414	0.00	Total	840	2,314	1.94	4,240	3.55
II-A8	1,820	4,458	8.11	7,116	12.95	VI-A5	0	8,731	0.00	10,414	0.00	San Pedro Basin	0	2,314	0.00	4,240	0.00
II-A9	0	4,458	0.00	7,116	0.00	Total	0	0.00	0.00	0.00	XI-A01	0	2,314	0.00	4,240	0.00	
II-A10	1,920	4,458	8.56	7,116	13.66	Koloto River	0	8,731	0.00	10,414	0.00	XI-A02	0	2,314	0.00	4,240	0.00
II-A11	0	8,731	0.00	10,414	0.00	VII-A01	0	8,731	0.00	10,414	0.00	XI-A1	0	2,314	0.00	4,240	0.00
II-A12	0	4,458	0.00	7,116	0.00	VII-A02	0	8,731	0.00	10,414	0.00	XI-A2	0	2,314	0.00	4,240	0.00
II-A13	0	4,458	0.00	7,116	0.00	VII-A03	0	8,731	0.00	10,414	0.00	Total	0	2,314	0.00	4,240	0.00
II-A14	0	8,731	0.00	10,414	0.00	VII-A1	0	8,731	0.00	10,414	0.00	VI	0	#DIV/0!	0.00	#DIV/0!	0.00
II-A15	0	4,458	0.00	7,116	0.00	VII-A2	0	8,731	0.00	10,414	0.00	VII	0	#DIV/0!	0.00	#DIV/0!	0.00
II-A16	0	8,731	0.00	10,414	0.00	Total	0	0.00	0.00	0.00	0.00	VIII	840	2,298	1.93	4,238	3.56
Total	7,370	27.67	50.47	5.059	87.16	Whole Country	17,230	2,929	50.47	5.059	87.16	IX	6,660	2,314	15.41	4,240	28.24
												X	840	2,310	1.94	4,226	3.55
												XI	0	#DIV/0!	0.00	#DIV/0!	0.00

River Basin	Area (ha)	Average Year		1/5 Drought Year		River Basin	Area (ha)	Average Year		1/5 Drought Year	
		(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)			(1000m <sup>3</sup> /ha)	Total (MCM)	(1000m <sup>3</sup> /ha)	Total (MCM)
Whole Country	17,230	2,929	50.47	5.059	87.16	Bia River	0	#DIV/0!	0.00	#DIV/0!	0.00
						VII	0	#DIV/0!	0.00	#DIV/0!	0.00
						VIII	840	2,298	1.93	4,238	3.56
						IX	6,660	2,314	15.41	4,240	28.24
						X	840	2,310	1.94	4,226	3.55
						XI	0	#DIV/0!	0.00	#DIV/0!	0.00

**Table 7.1-14-1 Water Demand of Livestock in 2015**

River Basin	Water Demand (MCM/year)				Total	River Basin	Water Demand (MCM/year)				Total
	Cattle	Sheep Goats	Pigs	Poultry			Cattle	Sheep Goats	Pigs	Poultry	
Sassandara River	0.091	0.008	0.003	0.004	0.016	III-A1	0.089	0.081	0.317	0.030	0.517
I-A0	0.017	0.091	0.024	0.071	0.203	III-A2	0.147	0.322	0.011	0.073	0.533
I-A1	0.007	0.000	0.000	0.037	0.080	III-A3	0.347	0.556	0.024	0.057	0.984
I-A2	0.023	0.112	0.018	0.096	0.249	III-A4	3.724 *	0.531	0.049	0.043	4.347
I-A3	0.086	0.161	0.007	0.053	0.307	III-A5	2.393 *	0.139	0.013	0.015	2.560
I-A4	0.293 *	0.148	0.001	0.023	0.465	III-A6	6.794	0.358	0.016	0.042	0.510
I-A5	0.041	0.164	0.215	0.092	0.512	Total	0.094	1.987	0.430	0.260	9.471
I-A6	0.116	0.248	0.087	0.164	0.615	Cavalry River	0.004	0.010	0.000	0.007	0.021
I-A7	0.014	0.075	0.009	0.042	0.140	IV-A0	0.019	0.099	0.002	0.076	0.196
I-A8	0.023	0.039	0.001	0.015	0.078	IV-A1	0.005	0.045	0.001	0.030	0.081
I-A9	0.144 *	0.041	0.000	0.004	0.189	IV-A2	0.028	0.154	0.003	0.113	0.298
I-A10	0.765	1.123	0.365	0.601	2.854	Total	0.005	0.041	0.000	0.028	0.074
Total	0.001	0.002	0.000	0.004	0.004	Cotes River	0.005	0.041	0.000	0.028	0.074
Bandama River	0.059	0.067	0.086	0.026	0.218	V-A0	0.005	0.041	0.000	0.028	0.074
II-A0	0.012	0.042	0.002	0.015	0.071	Total	0.005	0.041	0.000	0.028	0.074
II-A1	0.094	0.292	0.028	0.071	0.485	Bani-Niye River	0.449 *	0.031	0.000	0.002	0.482
II-A2	0.321	0.412	0.049	0.057	0.839	VI-A01	0.277 *	0.079	0.000	0.008	0.364
II-A3	1.195 *	0.120	0.018	0.020	1.353	VI-A2	2.173 *	0.143	0.001	0.019	2.336
II-A4	3.830 *	0.255	0.051	0.029	4.165	VI-A3	1.407 *	0.117	0.001	0.012	1.537
II-A5	3.538 *	0.240	0.058	0.026	3.862	VI-A4	0.252 *	0.072	0.000	0.007	0.331
II-A6	0.390	0.539	0.024	0.072	1.025	VI-A5	0.089 *	0.025	0.000	0.003	0.117
II-A7	0.152	0.366	0.016	0.045	0.579	Total	6.010	0.560	0.006	0.058	6.634
II-A8	0.526	0.438	0.077	0.030	1.071	Kolodin River	0.134 *	0.195	0.014	0.024	0.387
II-A9	1.009 *	0.153	0.003	0.014	1.179	VII-A01	0.007 *	0.003	0.000	0.000	0.010
II-A10	0.047	0.166	0.048	0.035	0.296	VII-A02	0.230 *	0.093	0.011	0.007	0.341
II-A11	0.101	0.150	0.004	0.032	0.287	VII-A03	0.125 *	0.050	0.006	0.004	0.185
II-A12	0.551 *	0.114	0.000	0.021	0.686	VII-A1	0.088 *	0.035	0.004	0.003	0.130
II-A13	0.066	0.102	0.000	0.010	0.178	VII-A2	0.604	0.376	0.035	0.038	1.053
II-A14	1.859 *	0.133	0.032	0.017	2.041	Total	0.604	0.376	0.035	0.038	1.053
II-A15	13.731	3.591	0.496	0.521	18.339	Total	0.604	0.376	0.035	0.038	1.053
II-A16											
Total	28.395	8.784	2.308	2.070	41.557						

River Basin	Water Demand (MCM/year)				Total	River Basin	Water Demand (MCM/year)				Total
	Cattle	Sheep Goats	Pigs	Poultry			Cattle	Sheep Goats	Pigs	Poultry	
Whole Country	28.395	8.784	2.308	2.070	41.557	VI	6.010	0.560	0.006	0.015	6.634
						VII	0.604	0.376	0.035	0.038	1.053
						VIII	0.044	0.149	0.027	0.074	0.294
						IX	0.269	0.499	0.876	0.144	1.788
						X	0.100	0.214	0.068	0.147	0.529
						XI	0.045	0.090	0.002	0.086	0.223

(Note) 1) Unit Demand: Cattle 25 lit/head/day, Sheep and Goat: 5 lit/head/day, Pig: 7.25 lit/head/day for Traditional pig 85%, 20 lit/head/day for Modern pig 15%, Poultry: 0.1 lit/head/day  
 2) \*: 30 lit/head/day taking increase of cattle number due to grazing beyond international boundary in dry season. (Cattle number is estimated to increase by 40% in dry season. 25lit/head/day x 1.20 = 30 lit/head/day)  
 3) Water losses are not considered in above table because livestock themselves access to water due to free grazing system mostly.

**Table 7.1-14-2 Livestock Number by River Basin in 2015**

River Basin				Livestock Number (heads)				River Basin				Livestock Number (heads)					
Sassandra River	Cattle	Sheep Goats	Pigs	Poultry	Comoe River	Cattle	Sheep Goats	Pigs	Poultry	Bia River	Cattle	Sheep Goats	Pigs	Poultry			
I-A0	130	4,600	1,050	120,000	III-A1	9,710	44,190	119,910	820,000	VIII-A01	610	14,530	0	370,000			
I-A1	1,840	49,850	8,930	1,950,000	III-A2	16,130	176,710	4,320	2,000,000	VIII-A02	570	3,910	7,180	90,000			
I-A2	760	19,970	10	1,000,000	III-A3	37,980	304,690	9,170	1,560,000	VIII-A1	1,130	26,140	560	660,000			
I-A3	2,550	61,300	6,820	2,640,000	III-A4	340,080	290,920	18,370	1,180,000	VIII-A2	450	7,870	2,190	200,000			
I-A4	9,440	88,330	2,650	1,440,000	III-A5	218,520	76,180	5,080	400,000	VIII-A3	2,010	26,550	440	630,000			
I-A5	26,800	81,270	220	640,000	III-A6	10,270	196,240	5,890	1,150,000	VIII-A4	110	2,670	0	70,000			
I-A6	4,470	89,900	81,130	2,520,000	Total	632,690	1,088,930	162,740	7,110,000	Total	4,880	81,670	10,370	2,020,000			
I-A7	12,680	136,010	32,760	4,500,000	Cavally River				Cattle	Sheep Goats	Pigs	Poultry					
I-A8	1,580	41,000	3,320	1,150,000	IV-A0	390	5,260	0	200,000	IX-A0	13,240	46,390	198,850	1,010,000			
I-A9	2,570	21,390	300	420,000	IV-A1	2,090	54,010	590	2,070,000	IX-A1	1,820	8,340	27,090	160,000			
I-A10	13,150	22,380	60	110,000	IV-A2	560	24,580	220	810,000	IX-A2	4,340	46,300	45,830	580,000			
Total	75,970	616,000	137,250	16,490,000	Total	3,040	83,850	810	3,080,000	IX-A3	1,560	26,610	5,690	250,000			
Bandama				Cattle	Sheep Goats	Pigs	Poultry	Cetos River				Cattle	Sheep Goats	Pigs	Poultry		
II-A0	100	890	0	20,000	V-A0	550	22,590	70	760,000	Total				29,370	273,870	331,030	3,950,000
II-A1	4,320	36,790	32,650	710,000	Total	550	22,590	70	760,000	Boubo Basin				Cattle	Sheep Goats	Pigs	Poultry
II-A2	1,360	22,780	610	400,000	Bani-Niè River				Cattle	Sheep Goats	Pigs	Poultry	X-A01	1,390	12,570	1,150	470,000
II-A3	10,290	160,060	10,490	1,950,000	VI-A01	40,980	16,770	180	50,000	X-A02	260	6,260	1,320	180,000			
II-A4	35,170	225,880	18,440	1,550,000	VI-A02	25,320	43,100	120	220,000	X-A1	2,010	18,370	1,980	720,000			
II-A5	109,090	65,910	6,950	540,000	VI-A1	124,460	50,700	1,420	180,000	X-A2	4,470	49,460	10,830	1,570,000			
II-A6	349,790	139,770	19,390	790,000	VI-A2	198,420	78,530	550	520,000	X-A3	2,050	17,480	8,170	690,000			
II-A7	323,060	131,710	22,070	720,000	VI-A3	128,530	64,070	280	330,000	X-A4	740	12,970	2,450	400,000			
II-A8	42,720	295,430	9,010	1,970,000	VI-A4	23,030	39,190	110	200,000	Total	10,920	117,110	25,900	4,030,000			
II-A9	16,610	200,440	5,930	1,230,000	VI-A5	8,090	13,770	40	70,000	San Pedro Basin				Cattle	Sheep Goats	Pigs	Poultry
II-A10	57,660	240,000	29,030	820,000	Total	548,830	306,130	2,700	1,570,000	XI-A01	1,200	13,410	840	570,000			
II-A11	92,140	84,090	1,100	370,000	Kolodio River				Cattle	Sheep Goats	Pigs	Poultry	XI-A02	470	4,470	0	210,000
II-A12	5,140	91,040	18,040	960,000	VII-A01	14,080	107,030	5,440	670,000	XI-A1	2,220	21,620	0	1,060,000			
II-A13	11,020	82,350	1,570	880,000	VII-A02	680	1,650	140	10,000	XI-A2	800	7,340	0	350,000			
II-A14	50,300	62,580	10	580,000	VII-A03	21,020	50,700	4,290	190,000	XI-A3	320	3,200	0	140,000			
II-A15	7,240	56,140	10	280,000	VII-A1	11,410	27,510	2,330	100,000	Total	5,010	50,040	840	2,330,000			
II-A16	169,790	73,140	11,990	460,000	VII-A2	8,070	19,450	1,650	70,000	Total				548,830	306,130	2,700	1,570,000
Total	1,285,800	1,969,000	187,290	14,230,000	Total	55,260	206,340	13,850	1,040,000	Total				55,260	206,340	13,850	1,040,000

River Basin				Livestock Number (heads)				River Basin				Livestock Number (heads)			
Whole Country	Cattle	Sheep Goats	Pigs	Poultry	I	Cattle	Sheep Goats	Pigs	Poultry	VI	Cattle	Sheep Goats	Pigs	Poultry	
	2,652,320	4,815,530	872,850	56,610,000	II	75,970	616,000	137,250	16,490,000	VII	55,260	206,340	13,850	1,040,000	
					III	1,285,800	1,969,000	187,290	14,230,000	VIII	4,880	81,670	10,370	2,020,000	
					IV	632,690	1,088,930	162,740	7,110,000	IX	29,370	273,870	331,030	3,950,000	
					V	3,040	83,850	810	3,080,000	X	10,920	117,110	25,900	4,030,000	
						550	22,590	70	760,000	XI	5,010	50,040	840	2,330,000	

**Table 7.1-16-1 Total Irrigation, Fishery and Livestock Demand for Surface Water in Average Year in 1995**

River Basin	Irrigation Area (ha)	Irrigation Demand (MCM)												Total
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
I-A0	19	0.001	0.001	0.012	0.058	0.050	0.041	0.045	0.015	0.001	0.001	0.001	0.001	0.022
I-A1	325	0.090	0.055	0.377	0.967	0.867	0.692	0.665	0.241	0.172	0.173	0.193	0.227	4.72
I-A2	175	0.053	0.031	0.217	0.520	0.462	0.369	0.347	0.127	0.106	0.107	0.119	0.140	2.60
I-A3	806	0.182	0.143	0.627	2.331	2.369	1.867	1.840	0.655	0.121	0.129	0.166	0.208	10.64
I-A4	767	0.065	0.056	0.515	2.438	2.367	2.069	1.889	0.574	0.032	0.044	0.058	0.061	10.17
I-A5	6,283	8.746	10.891	11.182	7.506	4.527	1.326	0.994	0.346	0.018	1.243	6.641	7.726	61.15
I-A6	318	0.166	0.103	0.525	0.949	0.863	0.685	0.578	0.240	0.316	0.317	0.353	0.415	5.51
I-A7	630	0.409	0.315	0.803	1.867	2.391	2.058	1.412	0.542	0.335	0.417	0.560	0.582	11.69
I-A8	669	0.075	0.065	0.456	2.073	2.044	1.759	1.448	0.435	0.008	0.045	0.067	0.070	8.55
I-A9	253	0.024	0.020	0.170	0.788	0.764	0.658	0.551	0.167	0.004	0.015	0.021	0.022	3.20
I-A10	85	0.007	0.007	0.066	0.317	0.277	0.227	0.191	0.069	0.007	0.007	0.007	0.007	1.19
II-A0	2	0.001	0.001	0.001	0.003	0.003	0.002	0.002	0.001	0.000	0.000	0.000	0.001	0.02
II-A1	305	0.327	0.192	0.037	0.042	0.037	0.032	0.034	0.017	0.009	0.009	0.010	0.168	0.91
II-A2	222	0.238	0.138	0.021	0.015	0.013	0.011	0.012	0.006	0.003	0.003	0.003	0.120	0.58
II-A3	4,588	5.327	4.166	5.274	4.724	4.055	2.563	1.101	0.609	2.035	2.647	5.289	5.480	43.27
II-A4	983	0.921	0.542	2.092	2.629	2.558	2.164	1.223	0.564	1.379	1.524	2.112	2.177	19.89
II-A5	707	0.522	0.304	1.756	2.588	2.273	1.810	1.089	0.504	0.890	1.016	1.480	1.641	15.87
II-A6	13,749	19.157	22.986	26.686	18.744	12.277	5.070	2.922	1.352	2.297	5.119	17.303	19.917	153.83
II-A7	1,983	1.538	0.865	5.231	7.357	6.478	5.149	2.998	1.424	2.726	3.110	4.492	4.971	46.34
II-A8	1,976	2.714	1.567	5.825	4.916	4.993	4.125	1.290	0.986	4.243	4.703	6.465	6.654	48.48
II-A9	206	0.174	0.109	0.462	0.661	0.663	0.566	0.352	0.160	0.302	0.334	0.431	0.439	4.66
II-A10	905	1.052	0.656	1.535	1.630	1.615	1.363	0.702	0.366	0.983	1.086	1.750	1.846	14.59
II-A11	319	0.188	0.120	0.647	1.207	1.062	0.857	0.588	0.261	0.310	0.350	0.491	0.540	6.62
II-A12	130	0.068	0.055	0.145	0.401	0.475	0.412	0.311	0.116	0.053	0.065	0.085	0.088	2.27
II-A13	296	0.013	0.012	0.196	0.959	0.884	0.775	0.736	0.222	0.014	0.014	0.015	0.015	3.86
II-A14	475	0.091	0.060	0.529	1.758	1.535	1.246	0.984	0.363	0.147	0.165	0.229	0.251	7.36
II-A15	199	0.007	0.007	0.129	0.644	0.594	0.521	0.495	0.149	0.007	0.007	0.007	0.007	2.57
II-A16	1,112	0.853	0.478	2.916	4.121	3.627	2.883	1.681	0.794	1.515	1.730	2.500	2.767	25.87
III-A1	368	0.442	0.270	0.089	0.081	0.160	0.120	0.076	0.054	0.043	0.045	0.064	0.258	1.70
III-A2	616	0.883	0.484	0.267	0.245	0.306	0.233	0.120	0.088	0.187	0.189	0.365	0.702	4.07
III-A3	271	0.099	0.071	0.339	0.902	0.839	0.733	0.627	0.226	0.159	0.172	0.213	0.216	4.60
III-A4	979	0.322	0.249	1.254	3.738	3.280	2.683	2.125	0.863	0.452	0.493	0.644	0.696	16.80
III-A5	744	0.243	0.174	0.997	2.811	2.464	2.007	1.558	0.623	0.365	0.404	0.546	0.595	12.79
III-A6	324	0.390	0.240	0.152	0.363	0.336	0.296	0.278	0.096	0.028	0.104	0.302	0.327	2.91
IV-A0	31	0.001	0.001	0.019	0.094	0.082	0.066	0.073	0.024	0.001	0.001	0.001	0.001	0.36
IV-A1	564	0.121	0.090	0.473	1.646	1.609	1.274	1.264	0.447	0.120	0.124	0.150	0.182	7.50
IV-A2	402	0.052	0.045	0.278	1.241	1.241	1.067	0.868	0.260	0.005	0.031	0.047	0.048	5.18
V-A0	389	0.056	0.048	0.272	1.198	1.211	1.041	0.838	0.251	0.005	0.033	0.050	0.052	5.05
VI-A01	105	0.019	0.019	0.092	0.402	0.352	0.290	0.245	0.095	0.019	0.019	0.019	0.019	1.59
VI-A02	163	0.014	0.014	0.128	0.609	0.531	0.435	0.366	0.132	0.014	0.014	0.014	0.014	2.29
VI-A1	380	0.125	0.093	0.501	1.442	1.265	1.032	0.807	0.325	0.183	0.202	0.269	0.292	6.54
VI-A2	1,000	0.422	0.262	1.666	3.732	3.272	2.643	1.908	0.777	0.704	0.795	1.123	1.237	18.54
VI-A3	534	0.168	0.116	0.717	2.006	1.757	1.428	1.101	0.435	0.259	0.289	0.395	0.432	9.10
VI-A4	148	0.013	0.013	0.116	0.553	0.482	0.395	0.332	0.120	0.013	0.013	0.013	0.013	2.08
VI-A5	52	0.005	0.005	0.041	0.194	0.169	0.139	0.117	0.042	0.005	0.005	0.005	0.005	0.73
VII-A01	53	0.033	0.024	0.099	0.208	0.184	0.151	0.111	0.052	0.048	0.053	0.070	0.076	1.11
VII-A02	1	0.000	0.000	0.001	0.004	0.004	0.003	0.003	0.001	0.000	0.000	0.000	0.000	0.02
VII-A03	18	0.013	0.013	0.026	0.079	0.071	0.060	0.052	0.027	0.013	0.013	0.013	0.013	0.40
VII-A1	10	0.007	0.007	0.014	0.044	0.039	0.033	0.029	0.015	0.007	0.007	0.007	0.007	0.22
VII-A2	7	0.005	0.005	0.010	0.031	0.027	0.023	0.020	0.010	0.005	0.005	0.005	0.005	0.15
VIII-A01	113	0.152	0.084	0.014	0.015	0.031	0.023	0.015	0.009	0.005	0.005	0.029	0.090	0.47
VIII-A02	25	0.026	0.016	0.004	0.007	0.007	0.006	0.006	0.003	0.001	0.001	0.001	0.014	0.09
VIII-A1	150	0.190	0.106	0.020	0.032	0.045	0.035	0.028	0.014	0.006	0.007	0.032	0.111	0.62
VIII-A2	82	0.113	0.063	0.011	0.009	0.025	0.018	0.010	0.007	0.004	0.005	0.023	0.068	0.35
VIII-A3	233	0.325	0.178	0.031	0.024	0.056	0.041	0.022	0.016	0.014	0.015	0.072	0.201	1.00
VIII-A4	28	0.039	0.022	0.004	0.004	0.012	0.009	0.004	0.003	0.002	0.002	0.009	0.024	0.14
IX-A0	1,442	1.899	1.034	1.100	0.073	0.076	0.066	0.065	0.043	0.032	0.032	0.303	1.096	4.82
IX-A1	443	0.605	0.321	0.024	0.016	0.015	0.013	0.012	0.007	0.007	0.007	0.111	0.357	1.49
IX-A2	713	0.977	0.540	0.093	0.060	0.167	0.121	0.059	0.047	0.042	0.045	0.198	0.593	2.94
IX-A3	52	0.087	0.061	0.038	0.026	0.118	0.083	0.035	0.030	0.019	0.022	0.032	0.060	0.61
IX-A4	2,058	2.818	1.491	0.137	0.074	0.069	0.055	0.032	0.022	0.054	0.055	0.551	1.700	7.06
IX-A5	1,100	1.536	0.830	0.185	0.126	0.229	0.167	0.071	0.060	0.108	0.111	0.385	1.000	4.81
IX-A6	83	0.092	0.055	0.012	0.011	0.010	0.009	0.010	0.006	0.005	0.005	0.005	0.049	0.27
X-A01	33	0.031	0.019	0.008	0.020	0.018	0.015	0.016	0.007	0.002	0.002	0.002	0.017	0.16
X-A02	25	0.004	0.003	0.014	0.067	0.058	0.047	0.052	0.017	0.001	0.001	0.001	0.003	0.27
X-A1	53	0.052	0.031	0.011	0.027	0.024	0.020	0.022	0.009	0.003	0.003	0.003	0.028	0.23
X-A2	106	0.078	0.048	0.042	0.137	0.121	0.099	0.108	0.040	0.011	0.011	0.011	0.046	0.75
X-A3	33	0.026	0.016	0.020	0.048	0.043	0.035	0.036	0.015	0.009	0.009	0.010	0.020	0.29
X-A4	48	0.015	0.010	0.024	0.110	0.096	0.078	0.086	0.029	0.002	0.002	0.002	0.009	0.46
XI-A01	77	0.060	0.042	0.131	0.212	0.251	0.191	0.138	0.065	0.077	0.079	0.092	0.111	1.45
XI-A02	27	0.020	0.013	0.046	0.075	0.085	0.065	0.048	0.022	0.027	0.027	0.032	0.038	0.50
XI-A1	143	0.120	0.082	0.265	0.392	0.465	0.354	0.243	0.119	0.162	0.165	0.192	0.231	2.79
XI-A2	46	0.041	0.029	0.086	0.124	0.155	0.117	0.079	0.040	0.052	0.054	0.063	0.076	0.92
XI-A3	19	0.011	0.007	0.028	0.054	0.057	0.044	0.036	0.015	0.015	0.015	0.017	0.021	0.32
Total	52,778	55.76	51.29	77.33	95.58	82.04	59.16	40.63	16.91	21.33	28.07	57.34	67.70	653.15

**Table 7.1-16-2 Total Irrigation, Fishery and Livestock Demand for Surface Water in 1/5 Year in 1995**

River Basin	Irrigation	Irrigation Demand (MCM)												Total
	Area (ha)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
I-A0	19	0.001	0.001	0.013	0.063	0.050	0.041	0.066	0.020	0.001	0.001	0.001	0.001	0.026
I-A1	325	0.096	0.057	0.416	1.059	0.866	0.692	0.968	0.324	0.202	0.218	0.199	0.193	5.29
I-A2	175	0.057	0.032	0.240	0.569	0.462	0.369	0.506	0.170	0.125	0.134	0.123	0.119	2.91
I-A3	806	0.195	0.156	0.697	2.551	2.313	1.861	2.701	0.913	0.166	0.193	0.173	0.172	12.09
I-A4	767	0.067	0.058	0.595	2.373	2.265	1.986	2.724	0.879	0.037	0.059	0.055	0.055	11.15
I-A5	6,283	9.049	10.320	14.830	6.933	7.329	1.137	0.996	0.346	0.018	6.566	6.379	7.084	70.99
I-A6	318	0.177	0.107	0.582	1.040	0.861	0.684	0.836	0.312	0.369	0.397	0.364	0.352	6.08
I-A7	630	0.421	0.327	0.959	1.814	2.243	1.978	2.057	0.841	0.368	0.575	0.534	0.514	12.63
I-A8	669	0.077	0.055	0.529	2.048	2.229	1.757	1.864	0.440	0.006	0.050	0.067	0.072	9.19
I-A9	253	0.024	0.018	0.196	0.779	0.834	0.657	0.706	0.168	0.003	0.016	0.021	0.023	3.45
I-A10	85	0.007	0.007	0.073	0.311	0.315	0.217	0.191	0.069	0.007	0.007	0.007	0.007	1.22
II-A0	2	0.002	0.001	0.001	0.003	0.003	0.002	0.004	0.002	0.000	0.000	0.000	0.000	0.02
II-A1	305	0.414	0.285	0.168	0.072	0.037	0.032	0.208	0.168	0.009	0.081	0.016	0.010	1.50
II-A2	222	0.303	0.208	0.118	0.036	0.013	0.011	0.137	0.116	0.003	0.056	0.007	0.003	1.01
II-A3	4,588	5.823	4.752	8.606	4.283	3.530	2.364	5.370	4.555	2.130	6.778	4.526	3.473	56.19
II-A4	983	0.962	0.575	2.586	2.551	2.456	2.075	1.864	0.869	1.442	2.163	1.998	1.877	21.42
II-A5	707	0.528	0.300	1.962	2.527	2.587	1.735	1.091	0.504	0.890	1.307	1.466	1.606	16.50
II-A6	13,749	19.791	21.811	34.586	17.490	18.407	4.587	2.929	1.352	2.297	16.719	16.731	18.519	175.22
II-A7	1,983	1.554	0.856	5.830	7.186	7.360	4.935	3.005	1.424	2.726	3.975	4.449	4.866	48.17
II-A8	1,976	2.831	1.655	7.210	4.758	4.782	3.952	2.144	1.505	4.443	6.623	6.124	5.757	51.79
II-A9	206	0.179	0.111	0.545	0.643	0.635	0.543	0.502	0.218	0.316	0.441	0.412	0.391	4.94
II-A10	905	1.117	0.724	2.097	1.578	1.549	1.308	1.270	0.748	1.028	1.793	1.620	1.504	16.34
II-A11	319	0.190	0.119	0.717	1.180	1.204	0.823	0.589	0.261	0.310	0.438	0.487	0.529	6.85
II-A12	130	0.070	0.057	0.171	0.390	0.448	0.396	0.448	0.175	0.058	0.087	0.082	0.079	2.46
II-A13	296	0.013	0.012	0.224	0.934	0.850	0.744	1.056	0.334	0.014	0.015	0.015	0.015	4.23
II-A14	475	0.092	0.060	0.585	1.719	1.746	1.195	0.986	0.363	0.147	0.205	0.227	0.246	7.57
II-A15	199	0.007	0.007	0.148	0.628	0.571	0.500	0.711	0.224	0.007	0.007	0.007	0.007	2.82
II-A16	1,112	0.862	0.473	3.251	4.025	4.122	2.763	1.685	0.794	1.515	2.212	2.476	2.709	26.89
III-A1	368	0.546	0.381	0.247	0.116	0.145	0.119	0.297	0.250	0.062	0.158	0.076	0.067	2.46
III-A2	616	1.048	0.657	0.524	0.270	0.292	0.231	0.503	0.519	0.338	0.594	0.420	0.379	5.78
III-A3	271	0.100	0.072	0.391	0.878	0.808	0.704	0.888	0.318	0.165	0.217	0.205	0.195	4.94
III-A4	979	0.324	0.248	1.375	3.658	3.715	2.577	2.130	0.863	0.452	0.588	0.639	0.684	17.25
III-A5	744	0.245	0.173	1.098	2.750	2.795	1.927	1.561	0.623	0.365	0.493	0.541	0.584	13.15
III-A6	324	0.418	0.274	0.330	0.353	0.323	0.285	0.555	0.346	0.029	0.323	0.263	0.226	3.73
IV-A0	31	0.001	0.001	0.021	0.102	0.082	0.066	0.107	0.033	0.001	0.001	0.001	0.001	0.42
IV-A1	564	0.130	0.097	0.524	1.801	1.581	1.271	1.851	0.618	0.153	0.171	0.155	0.153	8.50
IV-A2	402	0.054	0.038	0.323	1.226	1.352	1.066	1.119	0.264	0.003	0.035	0.047	0.050	5.58
V-A0	389	0.058	0.040	0.317	1.183	1.319	1.039	1.083	0.255	0.003	0.037	0.050	0.054	5.44
VI-A01	105	0.019	0.019	0.100	0.393	0.399	0.278	0.246	0.095	0.019	0.019	0.019	0.019	1.62
VI-A02	163	0.014	0.014	0.139	0.595	0.604	0.417	0.366	0.132	0.014	0.014	0.014	0.014	2.34
VI-A1	380	0.126	0.092	0.551	1.411	1.434	0.991	0.809	0.325	0.183	0.244	0.267	0.287	6.72
VI-A2	1,000	0.425	0.260	1.847	3.649	3.717	2.535	1.912	0.777	0.704	1.000	1.113	1.212	19.15
VI-A3	534	0.169	0.115	0.791	1.962	1.994	1.371	1.103	0.435	0.259	0.355	0.392	0.424	9.37
VI-A4	148	0.013	0.013	0.127	0.541	0.548	0.379	0.333	0.120	0.013	0.013	0.013	0.013	2.13
VI-A5	52	0.005	0.005	0.044	0.190	0.193	0.133	0.117	0.042	0.005	0.005	0.005	0.005	0.75
VII-A01	53	0.033	0.024	0.109	0.204	0.207	0.145	0.112	0.052	0.048	0.064	0.070	0.075	1.14
VII-A02	1	0.000	0.000	0.004	0.004	0.004	0.003	0.003	0.001	0.000	0.000	0.000	0.000	0.02
VII-A03	18	0.013	0.013	0.027	0.078	0.079	0.058	0.052	0.027	0.013	0.013	0.013	0.013	0.40
VII-A1	10	0.007	0.007	0.015	0.043	0.043	0.032	0.029	0.015	0.007	0.007	0.007	0.007	0.22
VII-A2	7	0.005	0.005	0.011	0.030	0.030	0.022	0.020	0.010	0.005	0.005	0.005	0.005	0.16
VIII-A01	113	0.184	0.118	0.061	0.019	0.028	0.022	0.087	0.087	0.024	0.067	0.037	0.031	0.77
VIII-A02	25	0.033	0.023	0.015	0.010	0.007	0.006	0.021	0.015	0.001	0.007	0.002	0.001	0.14
VIII-A1	150	0.231	0.151	0.082	0.040	0.042	0.034	0.123	0.111	0.026	0.079	0.041	0.034	1.00
VIII-A2	82	0.137	0.088	0.046	0.011	0.022	0.018	0.062	0.065	0.019	0.051	0.029	0.025	0.57
VIII-A3	233	0.393	0.250	0.130	0.030	0.050	0.040	0.169	0.184	0.060	0.155	0.090	0.077	1.63
VIII-A4	28	0.047	0.031	0.016	0.005	0.011	0.009	0.023	0.023	0.007	0.019	0.011	0.010	0.21
IX-A0	1,442	2.322	1.488	0.720	0.122	0.075	0.066	0.939	1.023	0.241	0.783	0.401	0.327	8.51
IX-A1	443	0.734	0.461	0.214	0.024	0.015	0.013	0.285	0.328	0.088	0.269	0.146	0.120	2.70
IX-A2	713	1.184	0.763	0.400	0.085	0.148	0.118	0.504	0.544	0.166	0.443	0.250	0.213	4.82
IX-A3	52	0.101	0.076	0.061	0.032	0.102	0.081	0.076	0.063	0.031	0.047	0.035	0.034	0.74
IX-A4	2,058	3.420	2.139	1.020	0.111	0.069	0.055	1.295	1.519	0.441	1.294	0.718	0.594	12.68
IX-A5	1,100	1.853	1.169	0.657	0.155	0.210	0.165	0.753	0.850	0.330	0.784	0.476	0.410	7.81
IX-A6	83	0.116	0.081	0.048	0.019	0.010	0.009	0.056	0.047	0.005	0.025	0.007	0.005	0.43
X-A01	33	0.039	0.028	0.020	0.024	0.018	0.015	0.038	0.022	0.002	0.009	0.003	0.002	0.22
X-A02	25	0.005	0.004	0.017	0.073	0.058	0.047	0.078	0.025	0.001	0.002	0.001	0.001	0.31
X-A1	53	0.065	0.046	0.032	0.034	0.024	0.020	0.055	0.034	0.003	0.014	0.004	0.003	0.34
X-A2	106	0.097	0.069	0.072	0.155	0.121	0.099	0.188	0.084	0.012	0.027	0.013	0.011	0.95
X-A3	33	0.031	0.022	0.029	0.054	0.043	0.035	0.060	0.028	0.010	0.015	0.010	0.010	0.35
X-A4	48	0.019	0.013	0.032	0.121	0.096	0.078	0.132	0.045	0.002	0.005	0.002	0.002	0.55
XI-A01	77	0.065	0.045	0.148	0.234	0.240	0.190	0.205	0.088	0.095	0.105	0.095	0.093	1.60
XI-A02	27	0.021	0.014	0.051	0.083	0.082	0.065	0.071	0.030	0.033	0.036	0.033	0.032	0.55
XI-A1	143	0.130	0.088	0.298	0.432	0.446	0.352	0.362	0.161	0.199	0.219	0.199	0.194	3.08
XI-A2	46	0.045	0.031	0.097	0.137	0.148	0.117	0.117	0.054	0.065	0.072	0.065	0.063	1.01
XI-A3	19	0.011	0.008	0.031	0.060	0.056	0.044	0.053	0.021	0.018	0.020	0.018	0.018	0.36
Total	52,778	59.95	52.90	101.14	93.05	93.85	56.69	58.56	29.66	23.36	60.02	55.57	56.96	741.72

**Table 7.1-17-1 Total Irrigation, Fishery and Livestock Demand for Surface Water in Average Year in 2015**

River Basin	Irrigation Area (ha)	Irrigation Demand (MCM)												Total
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
I-A0	164	0.349	0.263	0.429	0.321	0.887	0.625	0.237	0.205	0.276	0.291	0.367	0.457	4.71
I-A1	2,825	6.060	4.570	7.400	5.476	15.401	10.842	4.082	3.552	4.743	5.005	6.322	7.888	81.34
I-A2	1,505	3.181	2.392	3.938	2.949	8.100	5.709	2.163	1.867	2.531	2.667	3.360	4.188	43.04
I-A3	6,118	12.134	9.014	15.994	12.572	31.134	22.056	8.604	7.190	10.410	10.909	13.573	16.831	170.42
I-A4	5,885	12.231	9.110	16.778	13.528	32.799	27.469	8.926	6.231	10.596	13.212	17.927	18.611	187.42
I-A5	8,930	14.899	15.768	22.415	14.960	19.118	12.958	3.177	1.755	5.429	8.583	17.578	20.005	156.65
I-A6	3,530	8.863	6.859	9.311	5.921	22.116	15.391	5.397	5.087	5.770	6.184	8.077	10.208	109.18
I-A7	4,651	10.263	7.752	13.341	10.306	27.261	22.835	7.230	5.180	8.341	10.532	14.335	14.906	152.28
I-A8	5,092	10.641	8.054	14.434	11.427	27.821	22.848	5.258	1.904	6.494	10.991	15.884	16.192	151.95
I-A9	2,005	4.321	3.295	5.696	4.407	11.251	9.239	2.066	0.728	2.487	4.339	6.288	6.415	60.53
I-A10	516	0.878	0.648	1.899	1.648	2.342	1.862	0.548	0.309	0.951	1.215	1.795	2.007	16.10
II-A0	7	0.010	0.007	0.010	0.010	0.017	0.013	0.006	0.004	0.007	0.009	0.012	0.011	0.11
II-A1	1,540	1.800	1.085	0.395	0.203	0.575	0.408	0.155	0.145	0.194	0.204	0.254	1.089	6.51
II-A2	1,178	1.496	0.937	0.362	0.124	0.809	0.555	0.175	0.188	0.166	0.183	0.252	0.904	6.15
II-A3	12,558	18.044	13.664	21.724	19.048	31.034	24.604	8.861	5.659	11.511	14.421	22.569	23.420	214.56
II-A4	5,476	7.468	4.892	13.509	13.465	18.583	15.579	6.369	3.718	8.973	10.338	14.313	14.803	132.01
II-A5	10,954	16.821	17.459	27.703	20.220	21.330	14.238	4.372	2.465	7.628	11.016	21.941	24.882	190.08
II-A6	22,350	33.563	33.095	60.085	46.794	49.340	34.371	11.246	6.380	19.690	26.809	49.312	55.651	426.34
II-A7	11,477	17.746	12.457	41.768	37.920	48.395	38.340	12.281	6.935	21.492	26.753	39.431	44.006	347.52
II-A8	10,268	12.365	7.670	24.002	25.072	29.364	24.619	10.896	5.950	16.080	18.168	25.481	26.355	226.02
II-A9	1,948	4.829	3.738	5.659	3.972	12.610	10.565	3.182	2.396	3.464	4.491	6.153	6.420	67.48
II-A10	4,727	6.191	4.015	8.516	8.214	10.478	8.793	3.753	2.151	5.389	6.143	9.761	10.293	83.70
II-A11	1,769	2.558	1.719	6.436	6.063	7.029	5.560	1.955	1.128	3.414	4.145	6.072	6.761	52.84
II-A12	1,208	3.098	2.412	3.512	2.378	8.067	6.758	1.997	1.524	2.128	2.789	3.834	4.005	42.50
II-A13	2,019	3.629	2.605	5.718	5.085	9.923	8.314	2.931	1.923	3.714	4.485	6.022	6.225	60.57
II-A14	2,762	4.286	3.018	10.037	9.078	11.705	9.272	2.934	1.647	5.141	6.420	9.474	10.577	83.59
II-A15	1,217	1.868	1.277	3.415	3.300	5.246	4.397	1.688	1.034	2.272	2.667	3.549	3.654	34.37
II-A16	6,477	10.120	7.148	23.588	21.301	27.547	21.830	6.911	3.896	12.091	15.101	22.270	24.861	196.66
III-A1	1,710	2.139	1.323	0.635	0.362	1.084	0.770	0.297	0.281	0.351	0.370	0.480	1.413	9.50
III-A2	2,027	4.386	3.102	2.918	1.613	7.487	5.181	1.748	1.741	1.756	1.903	2.801	4.029	38.66
III-A3	13,369	16.157	13.203	12.414	10.202	9.975	5.623	2.175	1.308	3.029	4.802	12.214	12.739	103.84
III-A4	5,159	6.676	4.138	18.628	18.400	18.762	14.786	5.840	3.409	10.219	12.042	17.553	19.494	149.95
III-A5	3,842	4.665	2.750	13.755	13.833	13.390	10.518	4.310	2.495	7.608	8.877	12.950	14.376	109.53
III-A6	1,038	1.700	1.120	2.002	1.825	2.928	2.459	0.956	0.603	1.277	1.626	2.446	2.547	21.49
IV-A0	263	0.551	0.414	0.688	0.520	1.405	0.991	0.378	0.324	0.443	0.467	0.587	0.730	7.50
IV-A1	4,475	9.118	6.810	11.698	9.014	23.326	16.487	6.353	5.382	7.571	7.953	9.949	12.364	126.03
IV-A2	3,014	6.231	4.704	8.536	6.811	16.317	13.402	3.116	1.139	3.878	6.498	9.383	9.562	89.58
V-A0	2,910	6.017	4.543	4.543	6.575	15.759	12.943	3.010	1.099	3.739	6.271	9.055	9.227	86.48
VI-A01	566	0.768	0.494	2.052	1.992	2.134	1.685	0.639	0.373	1.113	1.326	1.934	2.150	16.66
VI-A02	994	1.689	1.247	3.655	3.174	4.511	3.586	1.056	0.596	1.830	2.339	3.455	3.863	31.00
VI-A1	2,084	2.925	1.927	7.560	7.219	8.090	6.393	2.318	1.341	4.046	4.873	7.130	7.933	61.76
VI-A2	5,419	7.313	4.698	19.504	18.779	20.546	16.195	5.913	3.371	10.444	12.532	18.383	20.460	158.14
VI-A3	2,923	4.065	2.664	10.567	10.080	11.310	8.929	3.206	1.837	5.635	6.796	9.964	11.092	86.14
VI-A4	903	1.533	1.131	3.321	2.885	4.094	3.254	0.960	0.541	1.663	2.125	3.139	3.509	28.15
VI-A5	317	0.539	0.398	1.167	1.013	1.438	1.143	0.336	0.190	0.585	0.747	1.104	1.234	9.89
VII-A01	306	0.505	0.365	1.139	1.029	1.331	1.060	0.351	0.208	0.595	0.738	1.077	1.199	9.60
VII-A02	4	0.008	0.007	0.015	0.013	0.021	0.017	0.005	0.003	0.008	0.010	0.014	0.016	0.14
VII-A03	133	0.319	0.267	0.530	0.397	0.774	0.625	0.161	0.101	0.254	0.347	0.505	0.564	4.84
VII-A1	72	0.174	0.146	0.289	0.215	0.420	0.340	0.086	0.054	0.139	0.189	0.276	0.308	2.64
VII-A2	50	0.122	0.103	0.201	0.148	0.294	0.238	0.060	0.038	0.096	0.132	0.192	0.214	1.84
VIII-A01	328	0.490	0.302	0.159	0.083	0.351	0.244	0.082	0.083	0.091	0.098	0.166	0.352	2.50
VIII-A02	127	0.158	0.099	0.061	0.039	0.096	0.069	0.027	0.024	0.036	0.038	0.046	0.115	0.81
VIII-A1	506	0.754	0.477	0.308	0.174	0.650	0.454	0.156	0.153	0.182	0.194	0.291	0.577	4.37
VIII-A2	225	0.326	0.196	0.082	0.040	0.183	0.127	0.043	0.044	0.045	0.049	0.093	0.220	1.45
VIII-A3	616	0.967	0.597	0.305	0.149	0.730	0.505	0.167	0.172	0.174	0.188	0.342	0.695	4.99
VIII-A4	71	0.105	0.064	0.027	0.013	0.064	0.044	0.015	0.014	0.016	0.031	0.072	0.072	0.48
IX-A0	4,150	5.269	2.991	0.652	0.315	0.837	0.605	0.254	0.240	0.304	0.318	0.852	3.136	15.77
IX-A1	1,037	1.383	0.765	0.138	0.068	0.192	0.137	0.055	0.051	0.064	0.067	0.263	0.839	4.02
IX-A2	1,954	2.683	1.577	0.551	0.282	1.110	0.776	0.277	0.270	0.291	0.312	0.649	1.738	10.52
IX-A3	225	0.385	0.269	0.219	0.119	0.539	0.374	0.129	0.128	0.128	0.139	0.188	0.317	2.93
IX-A4	4,835	6.689	3.778	0.950	0.465	1.869	1.300	0.457	0.440	0.470	0.505	1.510	4.212	22.64
IX-A5	3,085	5.402	3.513	2.127	0.958	5.783	3.971	1.273	1.328	1.189	1.309	2.243	4.054	33.15
IX-A6	414	0.484	0.292	0.094	0.046	0.129	0.093	0.039	0.037	0.045	0.048	0.058	0.282	1.65
X-A01	358	0.906	0.695	0.600	0.218	1.829	1.248	0.379	0.418	0.334	0.374	0.531	0.767	8.30
X-A02	222	0.489	0.370	0.551	0.387	1.197	0.839	0.308	0.276	0.349	0.370	0.473	0.599	6.21
X-A1	591	1.517	1.167	0.994	0.349	3.080	2.099	0.635	0.703	0.550	0.617	0.881	1.273	13.86
X-A2	1,381	3.797	2.959	2.876	1.220	8.415	5.759	1.796	1.922	1.648	1.826	2.549	3.470	38.24
X-A3	500	1.451	1.140	1.101	0.448	3.283	2.244	0.694	0.750	0.629	0.699	0.981	1.322	14.74
X-A4	457	1.048	0.797	1.049	0.673	2.454	1.709	0.602	0.564	0.650	0.695	0.905	1.176	12.32
XI-A01	590	1.240	0.932	1.546	1.165	3.157	2.227	0.848	0.730	0.996	1.049	1.319	1.642	16.85
XI-A02	214	0.449	0.337	0.560	0.423	1.144	0.807	0.308	0.264	0.360	0.379	0.477	0.594	6.10
XI-A1	1,104	2.317	1.740	2.891	2.181	5.902	4.163	1.586	1.364	1.862	1.961	2.465	3.069	31.50
XI-A2	349	0.731	0.549	0.915	0.691	1.862	1.314	0.501	0.430	0.590	0.621	0.780	0.971	9.96
XI-A3	154	0.322	0.242	0.403	0.305	0.821	0.579	0.221	0.190	0.259	0.273	0.343	0.427	4.39
Total	214,227	346.67	266.32	516.75	432.67	701.35	538.36	181.53	118.18	258.92	323.17	489.23	552.57	4725.72

**Table 7.1-17-2 Total Irrigation, Fishery and Livestock Demand for Surface Water in 1/5 Year in 2015**

River Basin	Irrigation Area (ha)	Irrigation Demand (MCM)												Total
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
I-A0	164	0.376	0.288	0.497	0.363	0.786	0.614	0.387	0.294	0.371	0.425	0.381	0.378	5.16
I-A1	2,825	6.530	5.008	8.577	6.193	13.625	10.644	6.685	5.101	6.391	7.336	6.575	6.516	89.18
I-A2	1,505	3.427	2.620	4.561	3.332	7.177	5.606	3.536	2.679	3.399	3.897	3.494	3.460	47.19
I-A3	6,118	13.076	9.858	18.453	14.162	27.782	21.682	13.946	10.237	13.782	15.703	14.103	13.934	186.72
I-A4	5,885	12.613	9.502	20.573	13.031	29.809	26.426	13.832	10.177	11.659	18.420	17.062	16.372	199.48
I-A5	8,930	15.273	15.100	27.503	14.190	23.074	12.280	3.441	2.197	5.429	16.247	17.205	19.092	171.03
I-A6	3,530	9.549	7.542	10.902	6.770	19.259	15.072	9.026	7.421	8.085	9.430	8.416	8.395	119.87
I-A7	4,651	10.583	8.090	16.403	9.918	24.699	21.974	11.246	8.532	9.227	14.733	13.641	13.111	162.16
I-A8	5,092	10.915	6.867	17.654	11.231	29.497	22.822	9.158	2.472	6.180	12.009	16.022	16.744	161.57
I-A9	2,005	4.432	2.805	6.978	4.330	11.917	9.228	3.654	0.964	2.357	4.747	6.342	6.634	64.39
I-A10	516	0.888	0.636	2.135	1.606	2.569	1.784	0.578	0.358	0.951	1.588	1.778	1.963	16.83
II-A0	7	0.011	0.008	0.013	0.011	0.016	0.012	0.011	0.007	0.009	0.010	0.009	0.009	0.13
II-A1	1,540	2.245	1.559	1.079	0.362	0.509	0.401	1.040	0.922	0.256	0.641	0.294	0.261	9.57
II-A2	1,178	1.840	1.307	0.892	0.247	0.690	0.542	0.894	0.814	0.249	0.557	0.286	0.266	8.58
II-A3	12,558	19.183	14.957	30.342	17.910	28.032	23.492	19.965	15.302	12.437	25.451	20.601	18.266	245.94
II-A4	5,476	7.763	5.153	16.752	13.028	17.373	14.959	9.978	5.982	9.548	14.678	13.556	12.821	141.59
II-A5	10,954	17.252	16.704	33.798	19.256	26.194	13.481	4.573	2.793	7.628	20.191	21.492	23.782	207.14
II-A6	22,350	34.362	31.742	72.107	44.834	59.264	32.646	11.667	7.057	19.690	45.006	48.422	53.470	460.27
II-A7	11,477	17.948	12.240	46.896	36.978	53.461	36.720	12.789	7.759	21.492	34.856	39.040	43.044	363.22
II-A8	10,268	12.909	8.140	29.997	24.276	27.765	23.617	17.290	9.686	16.973	26.119	24.073	22.662	243.51
II-A9	1,948	4.979	3.904	6.999	3.814	11.360	10.172	4.988	4.008	3.877	6.328	5.852	5.645	71.93
II-A10	4,727	6.547	4.391	11.553	7.936	9.848	8.441	6.832	4.388	5.709	10.012	9.059	8.451	93.17
II-A11	1,769	2.587	1.691	7.212	5.915	7.812	5.327	2.014	1.221	3.414	5.370	6.013	6.614	55.19
II-A12	1,208	3.194	2.521	4.354	2.280	7.253	6.507	3.145	2.569	2.393	3.943	3.645	3.520	45.32
II-A13	2,019	3.742	2.710	6.954	4.910	9.101	7.994	4.471	3.036	4.031	6.182	5.737	5.484	64.35
II-A14	2,762	4.335	2.965	11.273	8.851	12.924	8.880	3.060	1.851	5.141	8.373	9.380	10.346	87.38
II-A15	1,217	1.926	1.324	4.125	3.192	4.862	4.224	2.539	1.574	2.437	3.641	3.384	3.223	36.45
II-A16	6,477	10.235	7.022	26.489	20.771	30.405	20.908	7.209	4.379	12.091	19.687	22.049	24.317	205.56
III-A1	1,710	2.626	1.841	1.393	0.543	0.956	0.756	1.315	1.170	0.479	0.928	0.534	0.496	13.04
III-A2	2,027	4.900	3.645	3.840	1.866	6.458	5.066	3.538	3.275	2.725	3.593	2.995	2.939	44.84
III-A3	13,369	17.736	15.118	22.392	8.904	8.213	5.096	15.570	14.195	3.224	17.026	9.951	6.786	144.21
III-A4	5,159	6.749	4.081	20.838	17.954	21.053	14.165	5.934	3.547	10.219	15.519	17.383	19.076	156.52
III-A5	3,842	4.717	2.714	15.384	13.497	15.098	10.074	4.358	2.559	7.608	11.439	12.824	14.067	114.34
III-A6	1,038	1.781	1.206	2.679	1.766	2.714	2.364	1.704	1.266	1.368	2.533	2.289	2.139	23.81
IV-A0	263	0.594	0.453	0.796	0.587	1.246	0.973	0.616	0.465	0.594	0.680	0.610	0.604	8.22
IV-A1	4,475	9.826	7.454	13.518	10.168	20.751	16.200	10.336	7.689	10.086	11.522	10.341	10.227	138.12
IV-A2	3,014	6.392	4.014	10.434	6.695	17.306	13.386	5.398	1.469	3.696	7.097	9.464	9.888	95.24
V-A0	2,910	6.172	3.876	10.070	6.462	16.714	12.928	5.215	1.418	3.563	6.848	9.133	9.542	91.94
VI-A01	566	0.777	0.486	2.296	1.944	2.385	1.615	0.652	0.393	1.113	1.711	1.916	2.104	17.39
VI-A02	994	1.708	1.224	4.109	3.095	4.948	3.436	1.114	0.690	1.830	3.057	3.421	3.778	32.41
VI-A1	2,084	2.958	1.897	8.469	7.043	9.013	6.124	2.379	1.435	4.046	6.305	7.060	7.762	64.49
VI-A2	5,419	7.396	4.625	21.856	18.318	22.948	15.509	6.055	3.590	10.444	16.239	18.203	20.016	165.20
VI-A3	2,923	4.110	2.622	11.842	9.833	12.605	8.552	3.291	1.970	5.635	8.806	9.867	10.851	89.98
VI-A4	903	1.550	1.110	3.732	2.813	4.491	3.117	1.011	0.627	1.663	2.777	3.108	3.432	29.43
VI-A5	317	0.545	0.390	1.312	0.987	1.578	1.095	0.355	0.220	0.585	0.976	1.093	1.207	10.34
VII-A01	306	0.510	0.359	1.276	1.004	1.466	1.016	0.365	0.231	0.595	0.955	1.066	1.174	10.02
VII-A02	4	0.008	0.007	0.017	0.013	0.023	0.016	0.006	0.004	0.008	0.013	0.014	0.016	0.14
VII-A03	133	0.323	0.263	0.595	0.388	0.832	0.600	0.175	0.124	0.254	0.450	0.500	0.552	5.06
VII-A1	72	0.176	0.143	0.325	0.210	0.452	0.326	0.094	0.067	0.139	0.246	0.273	0.302	2.75
VII-A2	50	0.124	0.101	0.226	0.145	0.316	0.228	0.066	0.047	0.096	0.171	0.190	0.210	1.92
VIII-A01	328	0.582	0.401	0.304	0.108	0.304	0.239	0.299	0.295	0.157	0.273	0.187	0.175	3.33
VIII-A02	127	0.194	0.136	0.117	0.054	0.086	0.068	0.102	0.088	0.047	0.079	0.050	0.047	1.07
VIII-A1	506	0.894	0.626	0.532	0.223	0.567	0.444	0.492	0.463	0.283	0.450	0.320	0.304	5.60
VIII-A2	225	0.390	0.265	0.182	0.055	0.158	0.124	0.189	0.190	0.086	0.166	0.107	0.098	2.01
VIII-A3	616	1.142	0.784	0.579	0.191	0.628	0.493	0.588	0.595	0.319	0.554	0.386	0.361	6.62
VIII-A4	71	0.126	0.085	0.058	0.018	0.055	0.043	0.062	0.063	0.029	0.055	0.036	0.033	0.66
IX-A0	4,150	6.482	4.290	2.468	0.572	0.744	0.595	2.714	2.775	0.748	2.107	1.066	0.903	25.46
IX-A1	1,037	1.686	1.090	0.589	0.111	0.170	0.135	0.686	0.745	0.222	0.607	0.332	0.281	6.65
IX-A2	1,954	3.247	2.180	1.409	0.409	0.964	0.759	1.503	1.516	0.593	1.269	0.764	0.687	15.30
IX-A3	225	0.446	0.333	0.322	0.149	0.465	0.366	0.298	0.263	0.186	0.256	0.199	0.196	3.48
IX-A4	4,835	8.092	5.284	3.054	0.682	1.622	1.273	3.491	3.732	1.314	3.142	1.845	1.611	35.14
IX-A5	3,085	6.271	4.446	3.518	1.199	4.942	3.877	3.586	3.558	2.117	3.345	2.483	2.376	41.72
IX-A6	414	0.604	0.421	0.278	0.087	0.114	0.091	0.275	0.246	0.058	0.161	0.068	0.060	2.46
X-A01	358	1.006	0.803	0.780	0.277	1.550	1.216	0.740	0.695	0.520	0.663	0.559	0.563	9.37
X-A02	222	0.529	0.409	0.646	0.440	1.053	0.823	0.515	0.405	0.476	0.553	0.492	0.488	6.83
X-A1	591	1.683	1.347	1.292	0.445	2.607	2.046	1.238	1.167	0.860	1.100	0.928	0.935	15.65
X-A2	1,381	4.158	3.349	3.570	1.477	7.164	5.619	3.291	3.025	2.505	3.087	2.673	2.691	42.61
X-A3	500	1.583	1.283	1.357	0.543	2.791	2.189	1.259	1.166	0.962	1.182	1.028	1.037	16.38
X-A4	457	1.142	0.891	1.254	0.774	2.139	1.674	1.039	0.853	0.907	1.071	0.945	0.940	13.63
XI-A01	590	1.336	1.020	1.789	1.316	2.800	2.187	1.384	1.045	1.335	1.528	1.371	1.357	18.47
XI-A02	214	0.484	0.369	0.648	0.478	1.015	0.793	0.502	0.379	0.483	0.553	0.496	0.491	6.69
XI-A1	1,104	2.496	1.906	3.346	2.463	5.234	4.089	2.588	1.953	2.495	2.857	2.563	2.538	34.53
XI-A2	349	0.788	0.601	1.059	0.780	1.652	1.291	0.817	0.616	0.790	0.904	0.811	0.803	10.91
XI-A3	154	0.347	0.265	0.466	0.344	0.728	0.569	0.361	0.272	0.347	0.398	0.357	0.353	4.81
Total	214,227	366.11	276.87	632.09	427.12	708.18	520.10	285.52	196.34	283.01	480.83	480.21	495.27	5151.65

**Table 7.1-18-1 Total Irrigation Demand (Vegetables) for Groundwater in Average Year in 1995**

River Basin	Irrigation Area (ha)	Irrigation Demand (MCM)												Total
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
I-A0	31	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.001	0.012	0.009	0.02
I-A1	567	0.000	0.000	0.000	0.004	0.018	0.000	0.000	0.000	0.000	0.013	0.227	0.164	0.43
I-A2	296	0.000	0.000	0.000	0.002	0.009	0.000	0.000	0.000	0.000	0.007	0.118	0.086	0.22
I-A3	942	0.000	0.000	0.000	0.007	0.030	0.000	0.000	0.000	0.000	0.022	0.377	0.272	0.71
I-A4	577	0.000	0.000	0.050	0.035	0.155	0.058	0.002	0.000	0.000	0.153	0.784	0.261	1.50
I-A5	236	0.000	0.000	0.187	0.107	0.113	0.023	0.000	0.000	0.000	0.098	0.479	0.188	1.19
I-A6	888	0.000	0.000	0.000	0.006	0.028	0.000	0.000	0.000	0.000	0.020	0.355	0.257	0.67
I-A7	1,535	0.000	0.000	0.132	0.092	0.413	0.155	0.006	0.000	0.000	0.408	2.086	0.694	3.99
I-A8	506	0.000	0.000	0.038	0.020	0.099	0.002	0.000	0.000	0.000	0.101	0.733	0.233	1.23
I-A9	153	0.000	0.000	0.011	0.006	0.030	0.000	0.000	0.000	0.000	0.030	0.222	0.070	0.37
I-A10	45	0.000	0.000	0.036	0.020	0.021	0.004	0.000	0.000	0.000	0.019	0.091	0.036	0.23
II-A0	8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.01
II-A1	604	0.000	0.000	0.000	0.004	0.019	0.000	0.000	0.000	0.000	0.014	0.242	0.175	0.45
II-A2	134	0.000	0.000	0.000	0.001	0.004	0.000	0.000	0.000	0.000	0.003	0.054	0.039	0.10
II-A3	729	0.000	0.000	0.063	0.044	0.196	0.074	0.003	0.000	0.000	0.194	0.991	0.330	1.89
II-A4	788	0.000	0.000	0.068	0.047	0.212	0.080	0.003	0.000	0.000	0.210	1.071	0.356	2.05
II-A5	258	0.000	0.000	0.204	0.117	0.123	0.025	0.000	0.000	0.000	0.108	0.524	0.205	1.31
II-A6	372	0.000	0.000	0.295	0.169	0.177	0.036	0.000	0.000	0.000	0.155	0.755	0.296	1.88
II-A7	334	0.000	0.000	0.265	0.152	0.159	0.033	0.000	0.000	0.000	0.139	0.678	0.266	1.69
II-A8	1,007	0.000	0.000	0.087	0.060	0.271	0.102	0.004	0.000	0.000	0.268	1.369	0.455	2.62
II-A9	515	0.000	0.000	0.044	0.031	0.139	0.052	0.002	0.000	0.000	0.137	0.700	0.233	1.34
II-A10	853	0.000	0.000	0.073	0.051	0.229	0.086	0.003	0.000	0.000	0.227	1.159	0.386	2.22
II-A11	174	0.000	0.000	0.138	0.079	0.083	0.017	0.000	0.000	0.000	0.073	0.353	0.138	0.88
II-A12	348	0.000	0.000	0.030	0.021	0.094	0.035	0.001	0.000	0.000	0.093	0.473	0.157	0.90
II-A13	282	0.000	0.000	0.024	0.017	0.076	0.028	0.001	0.000	0.000	0.075	0.383	0.127	0.73
II-A14	206	0.000	0.000	0.163	0.094	0.098	0.020	0.000	0.000	0.000	0.086	0.418	0.164	1.04
II-A15	123	0.000	0.000	0.011	0.007	0.033	0.012	0.000	0.000	0.000	0.033	0.167	0.056	0.32
II-A16	202	0.000	0.000	0.160	0.092	0.096	0.020	0.000	0.000	0.000	0.084	0.410	0.161	1.02
III-A1	1,677	0.000	0.000	0.000	0.012	0.054	0.000	0.000	0.000	0.000	0.039	0.671	0.485	1.26
III-A2	797	0.000	0.000	0.000	0.006	0.026	0.000	0.000	0.000	0.000	0.018	0.319	0.230	0.60
III-A3	478	0.000	0.000	0.041	0.029	0.129	0.048	0.002	0.000	0.000	0.127	0.650	0.216	1.24
III-A4	389	0.000	0.000	0.308	0.177	0.186	0.038	0.000	0.000	0.000	0.162	0.790	0.309	1.97
III-A5	150	0.000	0.000	0.119	0.068	0.072	0.015	0.000	0.000	0.000	0.063	0.305	0.119	0.76
III-A6	388	0.000	0.000	0.033	0.023	0.104	0.039	0.002	0.000	0.000	0.103	0.527	0.175	1.01
IV-A0	59	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.001	0.024	0.017	0.04
IV-A1	698	0.000	0.000	0.000	0.005	0.022	0.000	0.000	0.000	0.000	0.016	0.279	0.202	0.52
IV-A2	288	0.000	0.000	0.022	0.012	0.056	0.001	0.000	0.000	0.000	0.057	0.417	0.132	0.70
V-A0	272	0.000	0.000	0.020	0.011	0.053	0.001	0.000	0.000	0.000	0.054	0.394	0.125	0.66
VI-A01	23	0.000	0.000	0.018	0.010	0.011	0.002	0.000	0.000	0.000	0.010	0.047	0.018	0.12
VI-A02	87	0.000	0.000	0.069	0.039	0.041	0.009	0.000	0.000	0.000	0.036	0.177	0.069	0.44
VI-A1	77	0.000	0.000	0.061	0.035	0.037	0.008	0.000	0.000	0.000	0.032	0.156	0.061	0.39
VI-A2	188	0.000	0.000	0.149	0.085	0.090	0.018	0.000	0.000	0.000	0.078	0.382	0.149	0.95
VI-A3	126	0.000	0.000	0.100	0.057	0.060	0.012	0.000	0.000	0.000	0.053	0.256	0.100	0.64
VI-A4	79	0.000	0.000	0.063	0.036	0.038	0.008	0.000	0.000	0.000	0.033	0.160	0.063	0.40
VI-A5	28	0.000	0.000	0.022	0.013	0.013	0.003	0.000	0.000	0.000	0.012	0.057	0.022	0.14
VII-A01	189	0.000	0.000	0.150	0.086	0.090	0.019	0.000	0.000	0.000	0.079	0.384	0.150	0.96
VII-A02	2	0.000	0.000	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.004	0.002	0.01
VII-A03	55	0.000	0.000	0.044	0.025	0.026	0.005	0.000	0.000	0.000	0.023	0.112	0.044	0.28
VII-A1	30	0.000	0.000	0.024	0.014	0.014	0.003	0.000	0.000	0.000	0.013	0.061	0.024	0.15
VII-A2	21	0.000	0.000	0.017	0.010	0.010	0.002	0.000	0.000	0.000	0.009	0.043	0.017	0.11
VIII-A01	115	0.000	0.000	0.000	0.001	0.004	0.000	0.000	0.000	0.000	0.003	0.046	0.033	0.09
VIII-A02	113	0.000	0.000	0.000	0.001	0.004	0.000	0.000	0.000	0.000	0.003	0.045	0.033	0.08
VIII-A1	214	0.000	0.000	0.000	0.001	0.007	0.000	0.000	0.000	0.000	0.005	0.086	0.062	0.16
VIII-A2	87	0.000	0.000	0.000	0.001	0.003	0.000	0.000	0.000	0.000	0.002	0.035	0.025	0.07
VIII-A3	203	0.000	0.000	0.000	0.001	0.006	0.000	0.000	0.000	0.000	0.005	0.081	0.059	0.15
VIII-A4	21	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.008	0.006	0.02
IX-A0	2,631	0.000	0.000	0.000	0.018	0.084	0.000	0.000	0.000	0.000	0.061	1.052	0.760	1.98
IX-A1	366	0.000	0.000	0.000	0.003	0.012	0.000	0.000	0.000	0.000	0.008	0.146	0.106	0.27
IX-A2	773	0.000	0.000	0.000	0.005	0.025	0.000	0.000	0.000	0.000	0.018	0.309	0.223	0.58
IX-A3	196	0.000	0.000	0.000	0.001	0.006	0.000	0.000	0.000	0.000	0.005	0.078	0.057	0.15
IX-A4	489	0.000	0.000	0.000	0.003	0.016	0.000	0.000	0.000	0.000	0.011	0.196	0.141	0.37
IX-A5	440	0.000	0.000	0.000	0.003	0.014	0.000	0.000	0.000	0.000	0.010	0.176	0.127	0.33
IX-A6	431	0.000	0.000	0.000	0.003	0.014	0.000	0.000	0.000	0.000	0.010	0.172	0.125	0.32
X-A01	159	0.000	0.000	0.000	0.001	0.005	0.000	0.000	0.000	0.000	0.004	0.064	0.046	0.12
X-A02	49	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.001	0.020	0.014	0.04
X-A1	245	0.000	0.000	0.000	0.002	0.008	0.000	0.000	0.000	0.000	0.006	0.098	0.071	0.18
X-A2	524	0.000	0.000	0.000	0.004	0.017	0.000	0.000	0.000	0.000	0.012	0.210	0.151	0.39
X-A3	219	0.000	0.000	0.000	0.002	0.007	0.000	0.000	0.000	0.000	0.005	0.088	0.063	0.16
X-A4	120	0.000	0.000	0.000	0.001	0.004	0.000	0.000	0.000	0.000	0.003	0.048	0.035	0.09
XI-A01	190	0.000	0.000	0.000	0.001	0.006	0.000	0.000	0.000	0.000	0.004	0.076	0.055	0.14
XI-A02	71	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.002	0.028	0.021	0.05
XI-A1	362	0.000	0.000	0.000	0.003	0.012	0.000	0.000	0.000	0.000	0.008	0.145	0.105	0.27
XI-A2	120	0.000	0.000	0.000	0.001	0.004	0.000	0.000	0.000	0.000	0.003	0.048	0.035	0.09
XI-A3	48	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.001	0.019	0.014	0.04
Total	27,000	0.00	0.00	3.34	2.10	4.32	1.09	0.03	0.00	0.00	3.98	24.72	10.91	50.49

**Table 7.1-18-2 Total Irrigation Demand (Vegetables) for Groundwater in 1/5 Year in 1995**

River Basin	Irrigation Area (ha)	Irrigation Demand (MCM)												Total
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
I-A0	31	0.000	0.000	0.007	0.003	0.001	0.000	0.022	0.003	0.000	0.018	0.015	0.004	0.07
I-A1	567	0.000	0.000	0.125	0.048	0.018	0.000	0.397	0.055	0.000	0.330	0.280	0.065	1.32
I-A2	296	0.000	0.000	0.065	0.025	0.009	0.000	0.207	0.029	0.000	0.172	0.146	0.034	0.69
I-A3	942	0.000	0.000	0.207	0.079	0.030	0.000	0.659	0.091	0.000	0.548	0.465	0.108	2.19
I-A4	577	0.000	0.000	0.350	0.016	0.096	0.003	0.477	0.085	0.000	0.720	0.684	0.175	2.61
I-A5	236	0.000	0.000	0.286	0.085	0.217	0.000	0.000	0.000	0.000	0.314	0.468	0.179	1.55
I-A6	888	0.000	0.000	0.195	0.075	0.028	0.000	0.622	0.086	0.000	0.517	0.439	0.102	2.06
I-A7	1,535	0.000	0.000	0.932	0.043	0.256	0.008	1.269	0.227	0.000	1.916	1.819	0.467	6.94
I-A8	506	0.000	0.000	0.296	0.013	0.228	0.000	0.073	0.000	0.000	0.185	0.750	0.254	1.80
I-A9	153	0.000	0.000	0.090	0.004	0.069	0.000	0.022	0.000	0.000	0.056	0.227	0.077	0.54
I-A10	45	0.000	0.000	0.055	0.016	0.041	0.000	0.000	0.000	0.000	0.060	0.089	0.034	0.30
II-A0	8	0.000	0.000	0.002	0.001	0.000	0.000	0.006	0.001	0.000	0.005	0.004	0.001	0.02
II-A1	604	0.000	0.000	0.133	0.051	0.019	0.000	0.423	0.059	0.000	0.352	0.298	0.069	1.40
II-A2	134	0.000	0.000	0.029	0.011	0.004	0.000	0.094	0.013	0.000	0.078	0.066	0.015	0.31
II-A3	729	0.000	0.000	0.443	0.020	0.122	0.004	0.603	0.108	0.000	0.910	0.864	0.222	3.29
II-A4	788	0.000	0.000	0.478	0.022	0.132	0.004	0.652	0.117	0.000	0.983	0.934	0.240	3.56
II-A5	258	0.000	0.000	0.313	0.093	0.238	0.000	0.000	0.000	0.000	0.343	0.512	0.196	1.69
II-A6	372	0.000	0.000	0.451	0.135	0.343	0.000	0.000	0.000	0.000	0.494	0.738	0.282	2.44
II-A7	334	0.000	0.000	0.405	0.121	0.308	0.000	0.000	0.000	0.000	0.444	0.663	0.254	2.19
II-A8	1,007	0.000	0.000	0.611	0.028	0.168	0.005	0.833	0.149	0.000	1.257	1.193	0.306	4.55
II-A9	515	0.000	0.000	0.313	0.014	0.086	0.003	0.426	0.076	0.000	0.643	0.610	0.157	2.33
II-A10	853	0.000	0.000	0.518	0.024	0.142	0.004	0.705	0.126	0.000	1.065	1.011	0.259	3.85
II-A11	174	0.000	0.000	0.211	0.063	0.160	0.000	0.000	0.000	0.000	0.231	0.345	0.132	1.14
II-A12	348	0.000	0.000	0.211	0.010	0.058	0.002	0.288	0.052	0.000	0.434	0.412	0.106	1.57
II-A13	282	0.000	0.000	0.171	0.008	0.047	0.001	0.233	0.042	0.000	0.352	0.334	0.086	1.27
II-A14	206	0.000	0.000	0.250	0.075	0.190	0.000	0.000	0.000	0.000	0.274	0.409	0.156	1.35
II-A15	123	0.000	0.000	0.075	0.003	0.021	0.001	0.102	0.018	0.000	0.154	0.146	0.037	0.56
II-A16	202	0.000	0.000	0.245	0.073	0.186	0.000	0.000	0.000	0.000	0.268	0.401	0.153	1.33
III-A1	1,677	0.000	0.000	0.369	0.141	0.054	0.000	1.174	0.163	0.000	0.976	0.828	0.193	3.90
III-A2	797	0.000	0.000	0.175	0.067	0.026	0.000	0.558	0.077	0.000	0.464	0.394	0.092	1.85
III-A3	478	0.000	0.000	0.290	0.013	0.080	0.002	0.395	0.071	0.000	0.597	0.566	0.145	2.16
III-A4	389	0.000	0.000	0.471	0.141	0.358	0.000	0.000	0.000	0.000	0.517	0.772	0.295	2.55
III-A5	150	0.000	0.000	0.182	0.054	0.138	0.000	0.000	0.000	0.000	0.199	0.298	0.114	0.99
III-A6	388	0.000	0.000	0.236	0.011	0.065	0.002	0.321	0.057	0.000	0.484	0.460	0.118	1.75
IV-A0	59	0.000	0.000	0.013	0.005	0.002	0.000	0.041	0.006	0.000	0.034	0.029	0.007	0.14
IV-A1	698	0.000	0.000	0.154	0.059	0.022	0.000	0.489	0.068	0.000	0.406	0.345	0.080	1.62
IV-A2	288	0.000	0.000	0.168	0.007	0.130	0.000	0.041	0.000	0.000	0.105	0.427	0.145	1.02
V-A0	272	0.000	0.000	0.159	0.007	0.122	0.000	0.039	0.000	0.000	0.100	0.403	0.137	0.97
VI-A01	23	0.000	0.000	0.028	0.008	0.021	0.000	0.000	0.000	0.000	0.031	0.046	0.017	0.15
VI-A02	87	0.000	0.000	0.105	0.031	0.080	0.000	0.000	0.000	0.000	0.116	0.173	0.066	0.57
VI-A1	77	0.000	0.000	0.093	0.028	0.071	0.000	0.000	0.000	0.000	0.102	0.153	0.058	0.51
VI-A2	188	0.000	0.000	0.228	0.068	0.173	0.000	0.000	0.000	0.000	0.250	0.373	0.143	1.23
VI-A3	126	0.000	0.000	0.153	0.046	0.116	0.000	0.000	0.000	0.000	0.167	0.250	0.096	0.83
VI-A4	79	0.000	0.000	0.096	0.029	0.073	0.000	0.000	0.000	0.000	0.105	0.157	0.060	0.52
VI-A5	28	0.000	0.000	0.034	0.010	0.026	0.000	0.000	0.000	0.000	0.037	0.056	0.021	0.18
VII-A01	189	0.000	0.000	0.229	0.068	0.174	0.000	0.000	0.000	0.000	0.251	0.375	0.143	1.24
VII-A02	2	0.000	0.000	0.002	0.001	0.002	0.000	0.000	0.000	0.000	0.003	0.004	0.002	0.01
VII-A03	55	0.000	0.000	0.067	0.020	0.051	0.000	0.000	0.000	0.000	0.073	0.109	0.042	0.36
VII-A1	30	0.000	0.000	0.036	0.011	0.028	0.000	0.000	0.000	0.000	0.040	0.060	0.023	0.20
VII-A2	21	0.000	0.000	0.025	0.008	0.019	0.000	0.000	0.000	0.000	0.028	0.042	0.016	0.14
VIII-A01	115	0.000	0.000	0.025	0.010	0.004	0.000	0.081	0.011	0.000	0.067	0.057	0.013	0.27
VIII-A02	113	0.000	0.000	0.025	0.009	0.004	0.000	0.079	0.011	0.000	0.066	0.056	0.013	0.26
VIII-A1	214	0.000	0.000	0.047	0.018	0.007	0.000	0.150	0.021	0.000	0.125	0.106	0.025	0.50
VIII-A2	87	0.000	0.000	0.019	0.007	0.003	0.000	0.061	0.008	0.000	0.051	0.043	0.010	0.20
VIII-A3	203	0.000	0.000	0.045	0.017	0.006	0.000	0.142	0.020	0.000	0.118	0.100	0.023	0.47
VIII-A4	21	0.000	0.000	0.005	0.002	0.001	0.000	0.015	0.002	0.000	0.012	0.010	0.002	0.05
IX-A0	2,631	0.000	0.000	0.579	0.221	0.084	0.000	1.842	0.255	0.000	1.531	1.300	0.303	6.11
IX-A1	366	0.000	0.000	0.081	0.031	0.012	0.000	0.256	0.036	0.000	0.213	0.181	0.042	0.85
IX-A2	773	0.000	0.000	0.170	0.065	0.025	0.000	0.541	0.075	0.000	0.450	0.382	0.089	1.80
IX-A3	196	0.000	0.000	0.043	0.016	0.006	0.000	0.137	0.019	0.000	0.114	0.097	0.023	0.46
IX-A4	489	0.000	0.000	0.108	0.041	0.016	0.000	0.342	0.047	0.000	0.285	0.242	0.056	1.14
IX-A5	440	0.000	0.000	0.097	0.037	0.014	0.000	0.308	0.043	0.000	0.256	0.217	0.051	1.02
IX-A6	431	0.000	0.000	0.095	0.036	0.014	0.000	0.302	0.042	0.000	0.251	0.213	0.050	1.00
X-A01	159	0.000	0.000	0.035	0.013	0.005	0.000	0.111	0.015	0.000	0.093	0.079	0.018	0.37
X-A02	49	0.000	0.000	0.011	0.004	0.002	0.000	0.034	0.005	0.000	0.029	0.024	0.006	0.11
X-A1	245	0.000	0.000	0.054	0.021	0.008	0.000	0.172	0.024	0.000	0.143	0.121	0.028	0.57
X-A2	524	0.000	0.000	0.115	0.044	0.017	0.000	0.367	0.051	0.000	0.305	0.259	0.060	1.22
X-A3	219	0.000	0.000	0.048	0.018	0.007	0.000	0.153	0.021	0.000	0.127	0.108	0.025	0.51
X-A4	120	0.000	0.000	0.026	0.010	0.004	0.000	0.084	0.012	0.000	0.070	0.059	0.014	0.28
XI-A01	190	0.000	0.000	0.042	0.016	0.006	0.000	0.133	0.018	0.000	0.111	0.094	0.022	0.44
XI-A02	71	0.000	0.000	0.016	0.006	0.002	0.000	0.050	0.007	0.000	0.041	0.035	0.008	0.17
XI-A1	362	0.000	0.000	0.080	0.030	0.012	0.000	0.253	0.035	0.000	0.211	0.179	0.042	0.84
XI-A2	120	0.000	0.000	0.026	0.010	0.004	0.000	0.084	0.012	0.000	0.070	0.059	0.014	0.28
XI-A3	48	0.000	0.000	0.011	0.004	0.002	0.000	0.034	0.005	0.000	0.028	0.024	0.006	0.11
Total	27,000	0.00	0.00	12.58	2.68	5.31	0.04	16.90	2.57	0.00	22.97	24.69	7.12	94.86

**Table 7.1-19-1 Total Irrigation Demand (Vegetables) for Groundwater in Average Year in 2015**

River Basin	Irrigation Area (ha)	Irrigation Demand (MCM)												Total
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
I-A0	111	0.000	0.000	0.000	0.001	0.004	0.000	0.000	0.000	0.000	0.003	0.044	0.032	0.08
I-A1	2,031	0.000	0.000	0.000	0.014	0.065	0.000	0.000	0.000	0.000	0.047	0.812	0.587	1.53
I-A2	1,062	0.000	0.000	0.000	0.007	0.034	0.000	0.000	0.000	0.000	0.024	0.425	0.307	0.80
I-A3	3,378	0.000	0.000	0.000	0.024	0.108	0.000	0.000	0.000	0.000	0.078	1.351	0.976	2.54
I-A4	2,073	0.000	0.000	0.178	0.124	0.558	0.209	0.008	0.000	0.000	0.551	2.817	0.937	5.38
I-A5	847	0.000	0.000	0.671	0.385	0.404	0.083	0.000	0.000	0.000	0.353	1.719	0.673	4.29
I-A6	3,184	0.000	0.000	0.000	0.022	0.102	0.000	0.000	0.000	0.000	0.073	1.274	0.920	2.39
I-A7	5,506	0.000	0.000	0.474	0.330	1.481	0.556	0.022	0.000	0.000	1.465	7.483	2.489	14.30
I-A8	1,816	0.000	0.000	0.136	0.073	0.354	0.005	0.000	0.000	0.000	0.361	2.631	0.835	4.40
I-A9	549	0.000	0.000	0.041	0.022	0.107	0.002	0.000	0.000	0.000	0.109	0.796	0.253	1.33
I-A10	162	0.000	0.000	0.128	0.074	0.077	0.016	0.000	0.000	0.000	0.068	0.329	0.129	0.82
II-A0	28	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.001	0.011	0.008	0.02
II-A1	2,168	0.000	0.000	0.000	0.015	0.069	0.000	0.000	0.000	0.000	0.050	0.867	0.627	1.63
II-A2	479	0.000	0.000	0.000	0.003	0.015	0.000	0.000	0.000	0.000	0.011	0.192	0.138	0.36
II-A3	2,619	0.000	0.000	0.225	0.157	0.705	0.265	0.010	0.000	0.000	0.697	3.559	1.184	6.80
II-A4	2,824	0.000	0.000	0.243	0.169	0.760	0.285	0.011	0.000	0.000	0.751	3.838	1.276	7.33
II-A5	924	0.000	0.000	0.732	0.419	0.441	0.091	0.000	0.000	0.000	0.385	1.876	0.735	4.68
II-A6	1,335	0.000	0.000	1.057	0.606	0.637	0.131	0.000	0.000	0.000	0.557	2.710	1.061	6.76
II-A7	1,196	0.000	0.000	0.947	0.543	0.570	0.117	0.000	0.000	0.000	0.499	2.428	0.951	6.06
II-A8	3,606	0.000	0.000	0.310	0.216	0.970	0.364	0.014	0.000	0.000	0.959	4.901	1.630	9.36
II-A9	1,849	0.000	0.000	0.159	0.111	0.497	0.187	0.007	0.000	0.000	0.492	2.513	0.836	4.80
II-A10	3,061	0.000	0.000	0.263	0.184	0.823	0.309	0.012	0.000	0.000	0.814	4.160	1.384	7.95
II-A11	625	0.000	0.000	0.495	0.284	0.298	0.061	0.000	0.000	0.000	0.261	1.269	0.497	3.16
II-A12	1,247	0.000	0.000	0.107	0.075	0.335	0.126	0.005	0.000	0.000	0.332	1.695	0.564	3.24
II-A13	1,009	0.000	0.000	0.087	0.061	0.271	0.102	0.004	0.000	0.000	0.268	1.371	0.456	2.62
II-A14	741	0.000	0.000	0.587	0.336	0.353	0.073	0.000	0.000	0.000	0.309	1.504	0.589	3.75
II-A15	443	0.000	0.000	0.038	0.027	0.119	0.045	0.002	0.000	0.000	0.118	0.602	0.200	1.15
II-A16	723	0.000	0.000	0.573	0.328	0.345	0.071	0.000	0.000	0.000	0.301	1.468	0.575	3.66
III-A1	6,015	0.000	0.000	0.000	0.042	0.192	0.000	0.000	0.000	0.000	0.138	2.406	1.738	4.52
III-A2	2,859	0.000	0.000	0.000	0.020	0.091	0.000	0.000	0.000	0.000	0.066	1.144	0.826	2.15
III-A3	1,716	0.000	0.000	0.148	0.103	0.462	0.173	0.007	0.000	0.000	0.456	2.332	0.776	4.46
III-A4	1,396	0.000	0.000	1.106	0.634	0.666	0.137	0.000	0.000	0.000	0.582	2.834	1.110	7.07
III-A5	537	0.000	0.000	0.425	0.244	0.256	0.053	0.000	0.000	0.000	0.224	1.090	0.427	2.72
III-A6	1,390	0.000	0.000	0.120	0.083	0.374	0.140	0.006	0.000	0.000	0.370	1.889	0.628	3.61
IV-A0	214	0.000	0.000	0.000	0.001	0.007	0.000	0.000	0.000	0.000	0.005	0.086	0.062	0.16
IV-A1	2,504	0.000	0.000	0.000	0.018	0.080	0.000	0.000	0.000	0.000	0.058	1.002	0.724	1.88
IV-A2	1,033	0.000	0.000	0.077	0.041	0.201	0.003	0.000	0.000	0.000	0.206	1.497	0.475	2.50
V-A0	974	0.000	0.000	0.073	0.039	0.190	0.003	0.000	0.000	0.000	0.194	1.411	0.448	2.36
VI-A01	81	0.000	0.000	0.064	0.037	0.039	0.008	0.000	0.000	0.000	0.034	0.164	0.064	0.41
VI-A02	313	0.000	0.000	0.248	0.142	0.149	0.031	0.000	0.000	0.000	0.131	0.635	0.249	1.58
VI-A1	274	0.000	0.000	0.217	0.124	0.131	0.027	0.000	0.000	0.000	0.114	0.556	0.218	1.39
VI-A2	675	0.000	0.000	0.535	0.306	0.322	0.066	0.000	0.000	0.000	0.281	1.370	0.537	3.42
VI-A3	450	0.000	0.000	0.356	0.204	0.215	0.044	0.000	0.000	0.000	0.188	0.914	0.358	2.28
VI-A4	284	0.000	0.000	0.225	0.129	0.135	0.028	0.000	0.000	0.000	0.118	0.577	0.226	1.44
VI-A5	100	0.000	0.000	0.079	0.045	0.048	0.010	0.000	0.000	0.000	0.042	0.203	0.080	0.51
VII-A01	680	0.000	0.000	0.539	0.309	0.324	0.067	0.000	0.000	0.000	0.284	1.380	0.541	3.44
VII-A02	6	0.000	0.000	0.005	0.003	0.003	0.001	0.000	0.000	0.000	0.003	0.012	0.005	0.03
VII-A03	196	0.000	0.000	0.155	0.089	0.093	0.019	0.000	0.000	0.000	0.082	0.398	0.156	0.99
VII-A1	107	0.000	0.000	0.085	0.049	0.051	0.010	0.000	0.000	0.000	0.045	0.217	0.085	0.54
VII-A2	75	0.000	0.000	0.059	0.034	0.036	0.007	0.000	0.000	0.000	0.031	0.152	0.060	0.38
VIII-A01	412	0.000	0.000	0.000	0.003	0.013	0.000	0.000	0.000	0.000	0.009	0.165	0.119	0.31
VIII-A02	406	0.000	0.000	0.000	0.003	0.013	0.000	0.000	0.000	0.000	0.009	0.162	0.117	0.30
VIII-A1	769	0.000	0.000	0.000	0.005	0.025	0.000	0.000	0.000	0.000	0.018	0.308	0.222	0.58
VIII-A2	312	0.000	0.000	0.000	0.002	0.010	0.000	0.000	0.000	0.000	0.007	0.125	0.090	0.23
VIII-A3	728	0.000	0.000	0.000	0.005	0.023	0.000	0.000	0.000	0.000	0.017	0.291	0.210	0.55
VIII-A4	75	0.000	0.000	0.000	0.001	0.002	0.000	0.000	0.000	0.000	0.002	0.030	0.022	0.06
IX-A0	9,435	0.000	0.000	0.000	0.066	0.302	0.000	0.000	0.000	0.000	0.217	3.774	2.727	7.09
IX-A1	1,313	0.000	0.000	0.000	0.009	0.042	0.000	0.000	0.000	0.000	0.030	0.525	0.379	0.99
IX-A2	2,771	0.000	0.000	0.000	0.019	0.089	0.000	0.000	0.000	0.000	0.064	1.108	0.801	2.08
IX-A3	703	0.000	0.000	0.000	0.005	0.022	0.000	0.000	0.000	0.000	0.016	0.281	0.203	0.53
IX-A4	1,751	0.000	0.000	0.000	0.012	0.056	0.000	0.000	0.000	0.000	0.040	0.700	0.506	1.32
IX-A5	1,576	0.000	0.000	0.000	0.011	0.050	0.000	0.000	0.000	0.000	0.036	0.630	0.455	1.18
IX-A6	1,545	0.000	0.000	0.000	0.011	0.049	0.000	0.000	0.000	0.000	0.036	0.618	0.447	1.16
X-A01	571	0.000	0.000	0.000	0.004	0.018	0.000	0.000	0.000	0.000	0.013	0.228	0.165	0.43
X-A02	176	0.000	0.000	0.000	0.001	0.006	0.000	0.000	0.000	0.000	0.004	0.070	0.051	0.13
X-A1	879	0.000	0.000	0.000	0.006	0.028	0.000	0.000	0.000	0.000	0.020	0.352	0.254	0.66
X-A2	1,878	0.000	0.000	0.000	0.013	0.060	0.000	0.000	0.000	0.000	0.043	0.751	0.543	1.41
X-A3	784	0.000	0.000	0.000	0.005	0.025	0.000	0.000	0.000	0.000	0.018	0.314	0.227	0.59
X-A4	431	0.000	0.000	0.000	0.003	0.014	0.000	0.000	0.000	0.000	0.010	0.172	0.125	0.32
XI-A01	683	0.000	0.000	0.000	0.005	0.022	0.000	0.000	0.000	0.000	0.016	0.273	0.197	0.51
XI-A02	254	0.000	0.000	0.000	0.002	0.008	0.000	0.000	0.000	0.000	0.006	0.102	0.073	0.19
XI-A1	1,298	0.000	0.000	0.000	0.009	0.042	0.000	0.000	0.000	0.000	0.030	0.519	0.375	0.97
XI-A2	432	0.000	0.000	0.000	0.003	0.014	0.000	0.000	0.000	0.000	0.010	0.173	0.125	0.32
XI-A3	173	0.000	0.000	0.000	0.001	0.006	0.000	0.000	0.000	0.000	0.004	0.069	0.050	0.13
Total	96,830	0.00	0.00	11.97	7.51	15.51	3.92	0.11	0.00	0.00	14.26	88.66	39.12	181.06

**Table 7.1-19-2 Total Irrigation Demand (Vegetables) for Groundwater in 1/5 Year in 2015**

River Basin	Irrigation Area (ha)	Irrigation Demand (MCM)												Total
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
I-A0	111	0.000	0.000	0.024	0.009	0.004	0.000	0.078	0.011	0.000	0.065	0.055	0.013	0.26
I-A1	2,031	0.000	0.000	0.447	0.171	0.065	0.000	1.422	0.197	0.000	1.182	1.003	0.234	4.72
I-A2	1,062	0.000	0.000	0.234	0.089	0.034	0.000	0.743	0.103	0.000	0.618	0.525	0.122	2.47
I-A3	3,378	0.000	0.000	0.743	0.284	0.108	0.000	2.365	0.328	0.000	1.966	1.669	0.388	7.85
I-A4	2,073	0.000	0.000	1.258	0.058	0.346	0.010	1.714	0.307	0.000	2.587	2.457	0.630	9.37
I-A5	847	0.000	0.000	1.027	0.307	0.780	0.000	0.000	0.000	0.000	1.126	1.681	0.643	5.56
I-A6	3,184	0.000	0.000	0.700	0.267	0.102	0.000	2.229	0.309	0.000	1.853	1.573	0.366	7.40
I-A7	5,506	0.000	0.000	3.342	0.154	0.920	0.028	4.553	0.815	0.000	6.871	6.525	1.674	24.88
I-A8	1,816	0.000	0.000	1.062	0.047	0.817	0.000	0.262	0.000	0.000	0.665	2.691	0.912	6.46
I-A9	549	0.000	0.000	0.321	0.014	0.247	0.000	0.079	0.000	0.000	0.201	0.814	0.276	1.95
I-A10	162	0.000	0.000	0.196	0.059	0.149	0.000	0.000	0.000	0.000	0.215	0.322	0.123	1.06
II-A0	28	0.000	0.000	0.006	0.002	0.001	0.000	0.020	0.003	0.000	0.016	0.014	0.003	0.07
II-A1	2,168	0.000	0.000	0.477	0.182	0.069	0.000	1.518	0.210	0.000	1.262	1.071	0.249	5.04
II-A2	479	0.000	0.000	0.105	0.040	0.015	0.000	0.335	0.046	0.000	0.279	0.237	0.055	1.11
II-A3	2,619	0.000	0.000	1.590	0.073	0.437	0.013	2.166	0.388	0.000	3.269	3.104	0.796	11.84
II-A4	2,824	0.000	0.000	1.714	0.079	0.472	0.014	2.335	0.418	0.000	3.524	3.346	0.858	12.76
II-A5	924	0.000	0.000	1.120	0.334	0.851	0.000	0.000	0.000	0.000	1.228	1.834	0.701	6.07
II-A6	1,335	0.000	0.000	1.618	0.483	1.230	0.000	0.000	0.000	0.000	1.774	2.650	1.013	8.77
II-A7	1,196	0.000	0.000	1.450	0.433	1.102	0.000	0.000	0.000	0.000	1.589	2.374	0.908	7.86
II-A8	3,606	0.000	0.000	2.189	0.101	0.602	0.018	2.982	0.534	0.000	4.500	4.273	1.096	16.30
II-A9	1,849	0.000	0.000	1.122	0.052	0.309	0.009	1.529	0.274	0.000	2.308	2.191	0.562	8.36
II-A10	3,061	0.000	0.000	1.858	0.086	0.511	0.015	2.531	0.453	0.000	3.820	3.627	0.931	13.83
II-A11	625	0.000	0.000	0.758	0.226	0.576	0.000	0.000	0.000	0.000	0.831	1.241	0.474	4.11
II-A12	1,247	0.000	0.000	0.757	0.035	0.208	0.006	1.031	0.185	0.000	1.556	1.478	0.379	5.64
II-A13	1,009	0.000	0.000	0.612	0.028	0.169	0.005	0.834	0.149	0.000	1.259	1.196	0.307	4.56
II-A14	741	0.000	0.000	0.898	0.268	0.682	0.000	0.000	0.000	0.000	0.985	1.471	0.562	4.87
II-A15	443	0.000	0.000	0.269	0.012	0.074	0.002	0.366	0.066	0.000	0.553	0.525	0.135	2.00
II-A16	723	0.000	0.000	0.876	0.262	0.666	0.000	0.000	0.000	0.000	0.961	1.435	0.549	4.75
III-A1	6,015	0.000	0.000	1.323	0.505	0.192	0.000	4.211	0.583	0.000	3.501	2.971	0.692	13.98
III-A2	2,859	0.000	0.000	0.629	0.240	0.091	0.000	2.001	0.277	0.000	1.664	1.412	0.329	6.64
III-A3	1,716	0.000	0.000	1.042	0.048	0.287	0.009	1.419	0.254	0.000	2.142	2.033	0.522	7.75
III-A4	1,396	0.000	0.000	1.692	0.505	1.286	0.000	0.000	0.000	0.000	1.855	2.771	1.060	9.17
III-A5	537	0.000	0.000	0.651	0.194	0.495	0.000	0.000	0.000	0.000	0.714	1.066	0.408	3.53
III-A6	1,390	0.000	0.000	0.844	0.039	0.232	0.007	1.150	0.206	0.000	1.735	1.647	0.423	6.28
IV-A0	214	0.000	0.000	0.047	0.018	0.007	0.000	0.150	0.021	0.000	0.125	0.106	0.025	0.50
IV-A1	2,504	0.000	0.000	0.551	0.210	0.080	0.000	1.753	0.243	0.000	1.457	1.237	0.288	5.82
IV-A2	1,033	0.000	0.000	0.604	0.027	0.465	0.000	0.149	0.000	0.000	0.378	1.531	0.519	3.67
V-A0	974	0.000	0.000	0.570	0.025	0.438	0.000	0.140	0.000	0.000	0.356	1.443	0.489	3.46
VI-A01	81	0.000	0.000	0.098	0.029	0.075	0.000	0.000	0.000	0.000	0.108	0.161	0.061	0.53
VI-A02	313	0.000	0.000	0.379	0.113	0.288	0.000	0.000	0.000	0.000	0.416	0.621	0.238	2.06
VI-A1	274	0.000	0.000	0.332	0.099	0.252	0.000	0.000	0.000	0.000	0.364	0.544	0.208	1.80
VI-A2	675	0.000	0.000	0.818	0.244	0.622	0.000	0.000	0.000	0.000	0.897	1.340	0.512	4.43
VI-A3	450	0.000	0.000	0.545	0.163	0.414	0.000	0.000	0.000	0.000	0.598	0.893	0.342	2.96
VI-A4	284	0.000	0.000	0.344	0.103	0.262	0.000	0.000	0.000	0.000	0.377	0.564	0.216	1.87
VI-A5	100	0.000	0.000	0.121	0.036	0.092	0.000	0.000	0.000	0.000	0.133	0.199	0.076	0.66
VII-A01	680	0.000	0.000	0.824	0.246	0.626	0.000	0.000	0.000	0.000	0.904	1.350	0.516	4.47
VII-A02	6	0.000	0.000	0.007	0.002	0.006	0.000	0.000	0.000	0.000	0.008	0.012	0.005	0.04
VII-A03	196	0.000	0.000	0.238	0.071	0.181	0.000	0.000	0.000	0.000	0.260	0.389	0.149	1.29
VII-A1	107	0.000	0.000	0.130	0.039	0.099	0.000	0.000	0.000	0.000	0.142	0.212	0.081	0.70
VII-A2	75	0.000	0.000	0.091	0.027	0.069	0.000	0.000	0.000	0.000	0.100	0.149	0.057	0.49
VIII-A01	412	0.000	0.000	0.091	0.035	0.013	0.000	0.288	0.040	0.000	0.240	0.204	0.047	0.96
VIII-A02	406	0.000	0.000	0.089	0.034	0.013	0.000	0.284	0.039	0.000	0.236	0.201	0.047	0.94
VIII-A1	769	0.000	0.000	0.169	0.065	0.025	0.000	0.538	0.075	0.000	0.448	0.380	0.088	1.79
VIII-A2	312	0.000	0.000	0.069	0.026	0.010	0.000	0.218	0.030	0.000	0.182	0.154	0.036	0.73
VIII-A3	728	0.000	0.000	0.160	0.061	0.023	0.000	0.510	0.071	0.000	0.424	0.360	0.084	1.69
VIII-A4	75	0.000	0.000	0.017	0.006	0.002	0.000	0.053	0.007	0.000	0.044	0.037	0.009	0.17
IX-A0	9,435	0.000	0.000	2.076	0.793	0.302	0.000	6.605	0.915	0.000	5.491	4.661	1.085	21.93
IX-A1	1,313	0.000	0.000	0.289	0.110	0.042	0.000	0.919	0.127	0.000	0.764	0.649	0.151	3.05
IX-A2	2,771	0.000	0.000	0.610	0.233	0.089	0.000	1.940	0.269	0.000	1.613	1.369	0.319	6.44
IX-A3	703	0.000	0.000	0.155	0.059	0.022	0.000	0.492	0.068	0.000	0.409	0.347	0.081	1.63
IX-A4	1,751	0.000	0.000	0.385	0.147	0.056	0.000	1.226	0.170	0.000	1.019	0.865	0.201	4.07
IX-A5	1,576	0.000	0.000	0.347	0.132	0.050	0.000	1.103	0.153	0.000	0.917	0.779	0.181	3.66
IX-A6	1,545	0.000	0.000	0.340	0.130	0.049	0.000	1.082	0.150	0.000	0.899	0.763	0.178	3.59
X-A01	571	0.000	0.000	0.126	0.048	0.018	0.000	0.400	0.055	0.000	0.332	0.282	0.066	1.33
X-A02	176	0.000	0.000	0.039	0.015	0.006	0.000	0.123	0.017	0.000	0.102	0.087	0.020	0.41
X-A1	879	0.000	0.000	0.193	0.074	0.028	0.000	0.615	0.085	0.000	0.512	0.434	0.101	2.04
X-A2	1,878	0.000	0.000	0.413	0.158	0.060	0.000	1.315	0.182	0.000	1.093	0.928	0.216	4.36
X-A3	784	0.000	0.000	0.172	0.066	0.025	0.000	0.549	0.076	0.000	0.456	0.387	0.090	1.82
X-A4	431	0.000	0.000	0.095	0.036	0.014	0.000	0.302	0.042	0.000	0.251	0.213	0.050	1.00
XI-A01	683	0.000	0.000	0.150	0.057	0.022	0.000	0.478	0.066	0.000	0.398	0.337	0.079	1.59
XI-A02	254	0.000	0.000	0.056	0.021	0.008	0.000	0.178	0.025	0.000	0.148	0.125	0.029	0.59
XI-A1	1,298	0.000	0.000	0.286	0.109	0.042	0.000	0.909	0.126	0.000	0.755	0.641	0.149	3.02
XI-A2	432	0.000	0.000	0.095	0.036	0.014	0.000	0.302	0.042	0.000	0.251	0.213	0.050	1.00
XI-A3	173	0.000	0.000	0.038	0.015	0.006	0.000	0.121	0.017	0.000	0.101	0.085	0.020	0.40
Total	96,830	0.00	0.00	45.11	9.61	19.04	0.14	60.61	9.23	0.00	82.38	88.53	25.55	340.20

## 2.4 Urban Water Consumption

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(m<sup>3</sup>)

TABLE 7.2-1 URBAN WATER CONSUMPTION BY SOURCE IN 1998

No.	Controle Points	Water Production		
		Surface	Well	Total
1	PIEBLY	0.00	132,425.00	132,425.00
2	BUYO Dam	197,026.00	313,816.00	510,842.00
3	GAHOULOU	0.00	203,560.00	203,560.00
4	TATE	0.00	32,867.00	32,867.00
5	SAN PEDRO	1,779,779.00	0.00	1,779,779.00
6	DJIRILA	0.00	644,270.00	644,270.00
7	KOUTO Pont	309,930.00	91,427.00	401,357.00
8	SOUBRE	368,905.00	30,563.00	399,468.00
9	DABALA	210,554.00	36,148.00	246,702.00
10	DIOLATIEDOUGOU	0.00	12,502.00	12,502.00
11	BADALA	348,977.00	17,627.00	366,604.00
12	KAHIN	1,057,539.00	53,583.00	1,111,122.00
13	LOBOVILIE	2,294,296.00	77,681.00	2,371,977.00
14	DAKPADOU	949,158.00	290,256.00	1,239,414.00
15	TOULEPLEU	0.00	0.00	0.00
16	WEOULO	0.00	0.00	0.00
17	Grand Bereby	0.00	0.00	0.00
18	PAPARA	125,577.00	16,783.00	142,360.00
19	DEBETE	0.00	0.00	0.00
20	IRADOUGOU	0.00	0.00	0.00
21	Adjin			
22	Grand-Bassam	586,252.00	497,167.00	1,083,419.00
23	Krindjabo	472,104.00	53,370.00	525,474.00
24	Assnie-Mafia	0.00	363,471.00	363,471.00
25	Nzida	0.00	351,542.00	351,542.00
26	TORTIYA	1,859,081.00	276,912.00	2,135,993.00
27	BADA	0.00	94,552.00	94,552.00
28	KOSSOU Dam	177,853.00	177,336.00	355,189.00
29	BOUAFLE	449,514.00	0.00	449,514.00
30	TAABO Dam	3,993,854.00	311,302.00	4,305,156.00
31	M'BAHIKRO	7,661,628.00	550,611.00	8,212,239.00
32	TIASSALE	417,514.00	0.00	417,514.00
33	GRAND-LAHOU	0.00	52,689.00	52,689.00
34	TAWARA Amont	0.00	104,264.00	104,264.00
35	BORON	0.00	22,831.00	22,831.00
36	ZUENOULA	129,033.00	140,275.00	269,308.00
37	MANKONO	0.00	47,637.00	47,637.00
38	KOUROUKORO	392,850.00	0.00	392,850.00
39	ZIENOA	106,980.00	845,587.00	952,567.00
40	DIMBOKRO	853,672.00	497,377.00	1,351,049.00
41	Rte KATIOLA-DABA	57,640.00	15,865.00	73,505.00
42	DAHIRI	0.00	11,786.00	11,786.00
43	FRESCO	0.00	100,710.00	100,710.00
44	Adahi Dougeu	752,063.00	41,603.00	793,666.00
45	KAFOLON	146,211.00	48,922.00	195,133.00
46	GRANSE	0.00	27,276.00	27,276.00
47	ABRADINOU	935,025.00	1,617,818.00	2,552,843.00
48	KOSSIHOUE	0.00	63,270.00	63,270.00
49	IRHO	404,645.00	327,691.00	732,336.00

50	BIAN	0.00	0.00	0.00
51	AYAME Dam-No.2	80,266.00	27,381.00	107,647.00
52	KONTODOU	0.00	0.00	0.00
53	AKAKOMOEKRO	114,239.00	45,698.00	159,937.00
54	N'DAKRO	0.00	1,441,105.00	1,441,105.00
55	AGBOVILLE	1,317,958.00	470,200.00	1,788,158.00
56	LOBOAKOUDZIN	0.00	93,792.00	93,792.00
57	IRA	0.00	89,033.00	89,033.00
58	VONKORO	0.00	174,536.00	174,536.00
59	Abidjan Ville	0.00	93,177,916.00	93,177,916.00
	Abidjan	0.00	1,446,775.00	1,446,775.00
	<b>Total</b>	<b>28,550,123.00</b>	<b>105,831,863.00</b>	<b>134,381,986.00</b>

**TABLE 7.2-2 BASIC DEAMND PER CAPITA ESTIMATION**

<b>Family member</b>	<b>5.45</b>	<b>(l/c/d)</b>
<b>Kitchen Use</b>	20 liters for each meal preparation and washing out	
	20 liters x 3 times = 60 liters	11,01
<b>Washing Clot</b>	For washing once and rinsing twice, 20 liters each	
	20 liters x 3 times = 60 liters	11,01
<b>Washing Hands &amp; Face</b>		
	Once in each morning and eveing	
	3 liters x 2 times = 6 liters	6,00
<b>Shower</b>	Once in the morning or evening	
	15 liters	15,00
<b>Toilet</b>	Flushing toilet : 12 liters in the flushing tank and three times for urine	
	12 litter + 2 liters x 3 times = 18 liters	18,00
<b>Others (Garden/ Car Washing etc.)</b>		
	For car washing, gardening and cleaning	
	4 liters	4,00
	<b>Total (litters)</b>	<b>65,02</b>
<b>Estimated Basic Requirement per Capita: 65 liters/c/d</b>		

Table 7.2-4 Water Demand in 2015

Water Demand in 2015					2015			2015			2015				
Code	Control Points	Sub-Prefectures	Sharing (%)	Center Town	Population		Water Supply Coverage	Per C. Deman		Demand			Production Demand		
					urban	Rural		Rural Population (l/c/d)	Urban Population (l/c/d)	Urban Demand (x1000 m3/an)	Rural Demand (x1000m3)	Total (x1000m3)	Urban Demand (x1000 m3/an)	Rural Demand (x1000m3)	Total (x1000m3)
I-C1	GAHOULOU				399.942	483.392	100	100	25	11.013,41	3.248,67	14.262,08	12.957	3.249	16.206
	Sassandra	45	1		119357	119467	100	100	25	4.356,53	1.090,14	5.446,67	5.125	1.090	6.215
	Gueyo	30			0	21734	100	65	25	0,00	128,91	128,91	0	129	129
	Soubre	75			0	178193	100	65	25	0,00	1.056,91	1.056,91	0	1.057	1.057
	Guiberoua	5			0	3235	100	65	25	0,00	19,19	19,19	0	19	19
	Gagnoa	5			0	2629	100	65	25	0,00	15,59	15,59	0	16	16
	Meagui	40	1		280585	158134	100	65	25	6.656,88	937,93	7.594,81	7.832	938	8.770
I-C2	SOUBRE				288.575	243.881	100	65	25	10.532,99	1.446,52	11.979,51	12.392	1.447	13.839
	Meagui	5			0	19767	100	65	25	0,00	117,24	117,24	0	117	117
	Soubre	25	1		288575	59398	100	100	25	10.532,99	542,01	11.075,00	12.392	542	12.934
	Buyo	50			0	135243	100	65	25	0,00	802,16	802,16	0	802	802
	Grand Zattry	20			0	23216	100	65	25	0,00	137,70	137,70	0	138	138
	Issia	3			0	2273	100	65	25	0,00	13,48	13,48	0	13	13
	Tai	5			0	3984	100	65	25	0,00	23,63	23,63	0	24	24
I-C3	BUYO Dam				636.494	562.003	100	65	25	15.100,82	3.333,38	18.434,20	17.766	3.333	21.099
	Guiglo	75	1		113442	95511	100	65	25	2.691,41	566,50	3.257,91	3.166	567	3.733
	Tai	10			0	7968	100	65	25	0,00	47,26	47,26	0	47	47
	Buyo	10	1		130486	27049	100	65	25	3.095,78	160,43	3.256,21	3.642	160	3.802
	Issia	7			0	5305	100	65	25	0,00	31,47	31,47	0	31	31
	Iboguhe	50	1		18276	18987	100	65	25	433,60	112,62	546,22	510	113	623
	Zoukougbeu	50	1		64398	60542	100	65	25	1.527,84	359,09	1.886,93	1.797	359	2.156
	Dania	20			0	24205	100	65	25	0,00	143,57	143,57	0	144	144
	Kouibly	45	1		39534	2073	100	65	25	937,94	12,30	950,24	1.103	12	1.115
	Dieouzon	100	1		40370	75133	100	65	25	957,78	445,63	1.403,41	1.127	446	1.573
	Bangolo	90	1		16724	255	100	65	25	396,78	1,51	398,29	467	2	469
	Guehieby	100	1		16929	20217	100	65	25	401,64	119,91	521,55	473	120	593
	Bagohouo	100	1		23389	43241	100	65	25	554,90	256,47	811,38	653	256	909
	Duckoue	100	1		106125	111847	100	65	25	2.517,82	663,39	3.181,21	2.962	663	3.625
	Guezon	100	1		32962	29559	100	65	25	782,02	175,32	957,35	920	175	1.095
	Gbapleu	100	1		33859	40111	100	65	25	803,31	237,91	1.041,21	945	238	1.183
I-C4	PIEBLY				229.732	101.096	100	65	25	5.450,39	599,63	6.050,02	6.412	600	7.012
	Kouibly	50			0	2303	100	65	25	0,00	13,66	13,66	0	14	14
	Facobly	80	1		46160	1566	100	65	25	1.095,15	9,29	1.104,43	1.288	9	1.297
	Man	20			0	1257	100	65	25	0,00	7,46	7,46	0	7	7
	Gbonne	100	1		21267	1466	100	65	25	504,56	8,70	513,26	594	9	603
	Biankouma	70	1		104566	9062	100	65	25	2.480,83	53,75	2.534,58	2.919	54	2.973
	Sipilou	5			0	222	100	65	25	0,00	1,32	1,32	0	1	1
	Ouaninou	5			0	4	100	65	25	0,00	0,02	0,02	0	0	0
	Foungbesso	80	1		19608	640	100	65	25	465,20	3,80	469,00	547	4	551
	Touba	40			0	597	100	65	25	0,00	3,54	3,54	0	4	4
	Guinteguella	90	1		5653	669	100	65	25	134,12	3,97	138,09	158	4	162
	Worofla	60			0	1314	100	65	25	0,00	7,79	7,79	0	8	8
	Djibrosso	10			0	21	100	65	25	0,00	0,13	0,13	0	0	0
	Siffe	100	1		16.229	3.138	100	65	25	385,03	18,61	403,65	453	19	472
	Seguela	3			0	60	100	65	25	0,00	0,36	0,36	0	0	0
	Seitifla	40			0	33974	100	65	25	0,00	201,51	201,51	0	202	202
	Dania	20			0	24205	100	65	25	0,00	143,57	143,57	0	144	144
	Semien	100	1		16249	20598	100	65	25	385,51	122,17	507,68	454	122	576
I-C5	DABALA				188.502	18.497	100	65	25	4.472,21	109,71	4.581,92	5.261	110	5.371
	Guinteguella	10			0	74	100	65	25	0,00	0,44	0,44	0	0	0
	Touba	60	1		52327	895	100	65	25	1.241,46	5,31	1.246,77	1.461	5	1.466
	Koro	100	1		21627	10256	100	65	25	513,10	60,83	573,93	604	61	665
	Borotou	100	1		10886	1542	100	65	25	258,27	9,15	267,42	304	9	313
	Booko	100	1		21593	854	100	65	25	512,29	5,07	517,36	603	5	608
	Bako	90	1		31355	50	100	65	25	743,90	0,30	744,19	875	0	875
	Odiene	5			0	138	100	65	25	0,00	0,82	0,82	0	1	1
	Dioulatiedougou	70			0	518	100	65	25	0,00	3,07	3,07	0	3	3
	Koonan	50	1		18431	4008	100	65	25	437,28	23,77	461,05	514	24	538
	Ouaninou	50	1		32283	38	100	65	25	765,91	0,23	766,14	901	0	901
	DJIBROSSO	60			0	124	100	65	25	0,00	0,74	0,74	0	1	1
I-C6	DAKPADOU				957.586	455.996	100	65	25	22.718,73	2.704,63	25.423,35	26.728	2.705	29.433
	Sassandra	10			0	26548	100	65	25	0,00	157,46	157,46	0	157	157
	Gueyo	70	1		48829	50712	100	65	25	1.158,47	300,79	1.459,25	1.363	301	1.664
	Lakota	10			0	3209	100	65	25	0,00	19,03	19,03	0	19	19
	Gagnoa	95	1		211232	49952	100	65	25	5.011,48	296,28	5.307,76	5.896	296	6.192
	Ouragahio	90	1		110030	51548	100	65	25	2.610,46	305,74	2.916,21	3.071	306	3.377
	DIEGONEFLA	10			0	3627	100	65	25	0,00	21,51	21,51	0	22	22
	GUIBEROUA	85	1		288575	201952	100	65	25	6.846,44	1.197,83	8.044,27	8.055	1.198	9.253
	SAIOUA	50			0	37088	100	65	25	0,00	219,98	219,98	0	220	220
	SINFRA	25	1		258783	10623	100	65	25	6.139,63	63,01	6.202,64	7.223	63	7.286
	BONON	20			0	18908	100	65	25	0,00	112,15	112,15	0	112	112
	GADOUAN	5	1		40137	1829	100	65	25	952,25	10,85	963,10	1.120	11	1.131
I-C7	LOBOVILLE				976.845	788.736	100	65	25	23.175,65	4.678,19	27.853,84	27.265	4.678	31.943
	Daloa	100	1		338935	59831	100	65	25	8.041,23	354,87	8.396,11	9.460	355	9.815
	Buyo	10			0	27049	100	65	25	0,00	160,43	160,43	0	160	160
	Grand Zattry	80	1		57759	92863	100	65	25	1.370,33	550,79	1.921,13	1.612	551	2.163
	Issia	90	1		127914	68201	100	65	25	3.034,76	404,52	3.439,28	3.570	405	3.975
	Iboguhe	50			0	18987	100	65	25	0,00	112,62	112,62	0	113	113

**Table 7.2-4 Water Demand in 2015**

Water Demand in 2015					2015			2015			2015				
Code	Control Points	Sub-Prefectures	Sharing (%)	Center Town	Population		Water Supply Coverage	Per C. Deman		Demand			Production Demand		
					urban	Rural		Rural Population (l/c/d)	Urban Population (l/c/d)	Urban Demand (x1000 m3/am)	Rural Demand (x1000m3)	Total (x1000m3)	Urban Demand (x1000 m3/am)	Rural Demand (x1000m3)	Total (x1000m3)
		Zoukougbeu	50		0	60542	100	65	25	0,00	359,09	359,09	0	359	359
		Boguedia	100	1	17664	9818	100	65	25	419,08	58,23	477,31	493	58	551
		Saioua	50	1	59689	37088	100	65	25	1.416,12	219,98	1.636,10	1.666	220	1.886
		Gadouan	95	1	40137	34758	100	65	25	952,25	206,16	1.158,41	1.120	206	1.326
		Bediala	50		0	25486	100	65	25	0,00	151,16	151,16	0	151	151
		Zuenoula	20		0	5024	100	65	25	0,00	29,80	29,80	0	30	30
		Vavoua	85	1	179665	116644	100	65	25	4.262,55	691,85	4.954,40	5.015	692	5.707
		Seguela	7		0	141	100	65	25	0,00	0,84	0,84	0	1	1
		Bonon	15		0	14181	100	65	25	0,00	84,11	84,11	0	84	84
		Seitilla	60	1	61478	50960	100	65	25	1.458,57	302,26	1.760,82	1.716	302	2.018
		Dania	60	1	50195	72616	100	65	25	1.190,88	430,70	1.621,58	1.401	431	1.832
		Zahibo	100	1	7512	31124	100	65	25	178,22	184,60	362,83	210	185	395
		Gboguhe	100	1	35897	63423	100	65	25	851,66	376,18	1.227,83	1.002	376	1.378
I-C8	KAHIN				497.593	50.613	100	65	25	11.805,39	300,20	12.105,59	13.889	300	14.189
		Zou	35	1	30331	18583	100	65	25	719,60	110,22	829,82	847	110	957
		Logouale	100	1	49660	5414	100	65	25	1.178,18	32,11	1.210,30	1.386	32	1.418
		Sangouine	90	1	41951	14767	100	65	25	995,29	87,59	1.082,87	1.171	88	1.259
		Mahapleu	20	1	66529	1632	100	65	25	1.578,40	9,68	1.588,08	1.857	10	1.867
		Biankouma	20		0	2589	100	65	25	0,00	15,36	15,36	0	15	15
		Sipilou	5		0	222	100	65	25	0,00	1,32	1,32	0	1	1
		Man	80	1	252448	5030	100	65	25	5.989,33	29,83	6.019,16	7.046	30	7.076
		Facobly	20		0	391	100	65	25	0,00	2,32	2,32	0	2	2
		Totrodrou	100	1	8108	0	100	65	25	192,36	0,00	192,36	226	0	226
		Nidrou	100	1	14911	1158	100	65	25	353,76	6,87	360,63	416	7	423
		Zeo	95	1	33655	597	100	65	25	798,47	3,54	802,01	939	4	943
		Kouibly	5		0	230	100	65	25	0,00	1,36	1,36	0	1	1
I-C9	BADALA				31.693	10.837	100	65	25	751,92	64,28	816,19	885	64	949
		Koonan	50		0	4008	100	65	25	0,00	23,77	23,77	0	24	24
		Foungbesso	20		0	160	100	65	25	0,00	0,95	0,95	0	1	1
		Sipilou	90	1	31693	3997	100	65	25	751,92	23,71	775,62	885	24	909
		Biankouma	5		0	647	100	65	25	0,00	3,84	3,84	0	4	4
		Danane	20		0	1991	100	65	25	0,00	11,81	11,81	0	12	12
		Ouzaninou	45		0	34	100	65	25	0,00	0,20	0,20	0	0	0
I-C10	DILOUATIÉDOUGOU				18.493	1.355	100	65	25	438,75	8,04	446,78	516	8	524
		Dioulatiédougou	30		0	222	100	65	25	0,00	1,32	1,32	0	1	1
		Seguelou	65	1	18493	951	100	65	25	438,75	5,64	444,39	516	6	522
		Madinani	20		0	182	100	65	25	0,00	1,08	1,08	0	1	1
II-C1	Nzida				90926	144359	100	65	25	2.157,22	856,23	3.013,45	2.538	856	3.394
		GRAND LAHOU	80	1	90926	84838	100	65	25	2.157,22	503,20	2.660,41	2.538	503	3.041
		DABOU	25		0	7215	100	65	25	0,00	42,79	42,79	0	43	43
		TIASSALE	40		0	27538	100	65	25	0,00	163,34	163,34	0	163	163
		DIVO	15		0	14299	100	65	25	0,00	84,81	84,81	0	85	85
		HIRE	20		0	5879	100	65	25	0,00	34,87	34,87	0	35	35
		TAABO	10		0	312	100	65	25	0,00	1,85	1,85	0	2	2
		SIKENSI	40		0	4278	100	65	25	0,00	25,37	25,37	0	25	25
II-C2	TIASSALE				142.877	30.118	100	65	25	3.389,76	178,64	3.568,39	3.988	179	4.167
		TIASSALE	20	1	142877	13769	100	65	25	3.389,76	81,67	3.471,42	3.988	82	4.070
		TAABO	30		0	937	100	65	25	0,00	5,56	5,56	0	6	6
		DIVO	10		0	9533	100	65	25	0,00	56,54	56,54	0	57	57
		HIRE	20		0	5879	100	65	25	0,00	34,87	34,87	0	35	35
II-C3	TAABO Dam				512.909	143.989	100	65	25	16.368,96	854,04	17.222,99	19.258	854	20.112
		TAABO	20	1	29254	624	100	65	25	694,05	3,70	697,75	817	4	821
		HIRE	10	1	62248	2939	100	65	25	1.476,83	17,43	1.494,27	1.737	17	1.754
		TOUMODI	5		0	17	100	65	25	0,00	0,10	0,10	0	0	0
		DJEKANOU	25		0	1165	100	65	25	0,00	6,91	6,91	0	7	7
		KOKOUMBO	60		0	1441	100	65	25	0,00	8,55	8,55	0	9	9
		YAMOISSOUKRO	70	1	328782	14226	100	100	25	12.000,54	129,81	12.130,36	14.118	130	14.248
		BOUAFLE	45		0	32603	100	65	25	0,00	193,38	193,38	0	193	193
		BOUAKE	15		0	526	100	65	25	0,00	3,12	3,12	0	3	3
		SINFRA	75		0	31868	100	65	25	0,00	189,02	189,02	0	189	189
		OUME	95	1	92625	43783	100	65	25	2.197,53	259,69	2.457,22	2.585	260	2.845
		OURAGAHIO	10		0	5728	100	65	25	0,00	33,97	33,97	0	34	34
		DIEGONEFLA	25		0	9069	100	65	25	0,00	53,79	53,79	0	54	54
II-C4	KOSSOU Dam				437.436	78.398	100	65	25	10.378,17	465,00	10.843,17	12.210	465	12.675
		DIABO	60	1	13499	2218	100	65	25	320,26	13,16	333,42	377	13	390
		BOUAFLE	30		0	21736	100	65	25	0,00	128,92	128,92	0	129	129
		GOHITAFLA	85	1	57474	7882	100	65	25	1.363,57	46,75	1.410,32	1.604	47	1.651
		KOUNAHIRI	100	1	22876	4264	100	65	25	542,73	25,29	568,02	639	25	664
		KONGASSO	5		0	222	100	65	25	0,00	1,32	1,32	0	1	1
		MANKONO	5		0	659	100	65	25	0,00	3,91	3,91	0	4	4
		TIENINGBOUE	45	1	46422	11213	100	65	25	1.101,36	66,51	1.167,87	1.296	67	1.363
		BODOKRO	85	1	53935	14058	100	65	25	1.279,61	83,38	1.362,99	1.505	83	1.588
		BOTRO	85	1	32785	2059	100	65	25	777,82	12,21	790,04	915	12	927
		BEOUMI	100	1	84340	4577	100	65	25	2.000,97	27,15	2.028,11	2.354	27	2.381
		Kondrobo	100	1	14748	3050	100	65	25	349,90	18,09	367,99	412	18	430
		ANDO KEKRENO	100	1	14008	312	100	65	25	332,34	1,85	334,19	391	2	393
		TOUMODI-SAKAS	100	1	17582	193	100	65	25	417,13	1,15	418,28	491	1	492
		LANGUIBONOU	100	1	24599	1884	100	65	25	583,61	11,17	594,79	687	11	698

Table 7.2-4 Water Demand in 2015

Water Demand in 2015					2015			2015			2015				
Code	Control Points	Sub-Prefectures	Sharing (%)	Center Town	Population		Water Supply	Per C. Deman		Demand			Production Demand		
					urban	Rural	Coverage	Rural Population (Uc/d)	Urban Population (Uc/d)	Urban Demand (x1000 m3/an)	Rural Demand (x1000m3 )	Total (x1000m3)	Urban Demand (x1000 m3/an)	Rural Demand (x1000m3 )	Total (x1000m3 )
		BOUAKE	5		0	175	100	65	25	0,00	1,04	1,04	0	1	1
		SAKASSOU	80	1	55168	307	100	65	25	1.308,86	1,82	1.310,68	1.540	2	1.542
		TIEBISSOU	20		0	1557	100	65	25	0,00	9,24	9,24	0	9	9
		YAMOISSOUKRO	10		0	2032	100	65	25	0,00	12,05	12,05	0	12	12
II-C5	BADA				33.056	113.369	100	65	25	784,25	672,42	1.456,67	923	672	1.595
		TIENINGBOUE	40		0	9967	100	65	25	0,00	59,12	59,12	0	59	59
		MARANDALLAH	65		0	30461	100	65	25	0,00	180,67	180,67	0	181	181
		DIKODOGOU	62		0	48175	100	65	25	0,00	285,74	285,74	0	286	286
		NAPIELEDOUNG	10		0	154	100	65	25	0,00	0,91	0,91	0	1	1
		TORTIYA	70	1	33056	7743	100	65	25	784,25	45,93	830,18	923	46	969
		NIAKARAMADOU	30		0	1836	100	65	25	0,00	10,89	10,89	0	11	11
		FRONAN	60		0	9614	100	65	25	0,00	57,02	57,02	0	57	57
		KATIOLA	35		0	2575	100	65	25	0,00	15,27	15,27	0	15	15
		BOTRO	15		0	363	100	65	25	0,00	2,15	2,15	0	2	2
		BODOKRO	15		0	2481	100	65	25	0,00	14,72	14,72	0	15	15
II-C6	TORTIYA				472.460	58.142	100	65	25	11.209,11	344,86	11.553,97	13.187	345	13.532
		TORTIYA	30		0	3318	100	65	25	0,00	19,68	19,68	0	20	20
		NIAKARAMADOU	20		0	1224	100	65	25	0,00	7,26	7,26	0	7	7
		TAFIERE	60	1	43134	5270	100	65	25	1.023,35	31,26	1.054,61	1.204	31	1.235
		KOUMBALA	35	1	12864	2773	100	65	25	305,20	16,45	321,65	359	16	375
		FERKESSEDOUG	50	1	59773	10251	100	65	25	1.418,11	60,80	1.478,92	1.668	61	1.729
		OUANGOLODOU	15		0	8778	100	65	25	0,00	52,07	52,07	0	52	52
		DIAWALA	35	1	14992	12039	100	65	25	355,69	71,41	427,09	418	71	489
		KORHOGO	30	1	225539	1401	100	65	25	5.350,91	8,31	5.359,22	6.295	8	6.303
		SINEMATIALI	100	1	36558	3613	100	65	25	867,34	21,43	888,77	1.020	21	1.041
		KARAKORO	100	1	10641	296	100	65	25	252,46	1,76	254,21	297	2	299
		KOMBORODOUG	100	1	7948	1365	100	65	25	188,57	8,10	196,66	222	8	230
		NAPIELEDOUNG	90	1	14272	1383	100	65	25	338,60	8,20	346,81	398	8	406
		GUEMBE	90	1	10127	0	100	65	25	240,26	0,00	240,26	283	0	283
		DIKODOGOU	8	1	19498	6216	100	65	25	462,59	36,87	499,46	544	37	581
		TIORONARADO	95	1	17114	215	100	65	25	406,03	1,28	407,31	478	1	479
II-C7	TAWARA Amont				85.803	30.195	100	65	25	2.035,68	179,09	2.214,77	2.395	179	2.574
		DIAWALA	25		0	8600	100	65	25	0,00	51,01	51,01	0	51	51
		NIELLE	15		0	1449	100	65	25	0,00	8,59	8,59	0	9	9
		KBENCUE	80	1	38068	5639	100	65	25	903,16	33,45	936,61	1.063	33	1.096
		KORHOGO	70		0	3268	100	65	25	0,00	19,38	19,38	0	19	19
		NIOFOIN	95	1	27060	627	100	65	25	642,00	3,72	645,72	755	4	759
		KASSERE	50	1	20675	9267	100	65	25	490,51	54,97	545,48	577	55	632
		BOUNDALI	10		0	925	100	65	25	0,00	5,49	5,49	0	5	5
		TIORONARADO	5		0	11	100	65	25	0,00	0,07	0,07	0	0	0
		SIRASSO	5		0	409	100	65	25	0,00	2,43	2,43	0	2	2
II-C8	ZIENOA				409.021	56.354	100	65	25	9.704,02	334,25	10.038,27	11.416	334	11.750
		TIASSALE	40		0	27538	100	65	25	0,00	163,34	163,34	0	163	163
		TAABO	40		0	1249	100	65	25	0,00	7,41	7,41	0	7	7
		KPOUEBO	100	1	21030	1215	100	65	25	498,94	7,21	506,14	587	7	594
		TOUMODI	95	1	70213	319	100	65	25	1.665,80	1,89	1.667,70	1.960	2	1.962
		DJEKANOU	75	1	24327	3494	100	65	25	577,16	20,72	597,88	679	21	700
		KOKOUMBO	40	1	29585	960	100	65	25	701,90	5,69	707,60	826	6	832
		ANGODA	100	1	13877	16	100	65	25	329,23	0,10	329,33	387	0	387
		YAMOISSOUKRO	20		0	4065	100	65	25	0,00	24,11	24,11	0	24	24
		ATTIEGOUAKRO	100	1	43595	38	100	65	25	1.034,29	0,23	1.034,52	1.217	0	1.217
		TIEBISSOU	80	1	102342	6229	100	65	25	2.428,06	36,95	2.465,01	2.857	37	2.894
		DIDIEVI	85	1	47320	193	100	65	25	1.122,67	1,15	1.123,81	1.321	1	1.322
		TIE N'DIEKRO	60	1	18078	357	100	65	25	428,90	2,12	431,02	505	2	507
		DIMBOKRO	70		0	1424	100	65	25	0,00	8,45	8,45	0	8	8
		TIEMELEKRO	95	1	25344	8097	100	65	25	601,29	48,03	649,31	707	48	755
		ANOUMABLA	40	1	13310	1160	100	65	25	315,78	6,88	322,66	372	7	379
II-C9	DIMBOKRO				283.272	31.502	100	65	25	6.720,63	186,85	6.907,47	7.907	187	8.094
		DIMBOKRO	30	1	99778	610	100	65	25	2.367,23	3,62	2.370,85	2.785	4	2.789
		BOCANDA	100	1	74026	7180	100	65	25	1.756,27	42,59	1.798,85	2.066	43	2.109
		KOUASSI KOUAS	90	1	17134	1806	100	65	25	406,50	10,71	417,22	478	11	489
		MBAHLAKRO	50		0	3424	100	65	25	0,00	20,31	20,31	0	20	20
		BONGUERA	30		0	477	100	65	25	0,00	2,83	2,83	0	3	3
		PRIKRO	25	1	43573	1316	100	65	25	1.033,77	7,81	1.041,58	1.216	8	1.224
		KOFFI AMONKRO	15	1	13053	232	100	65	25	309,68	1,38	311,06	364	1	365
		ETTROKRO	3		0	270	100	65	25	0,00	1,60	1,60	0	2	2
		OUELE	100	1	35708	3992	100	65	25	847,17	23,68	870,85	997	24	1.021
		DAOUKRO	25		0	3894	100	65	25	0,00	23,10	23,10	0	23	23
		BONGOUANOU	50		0	4175	100	65	25	0,00	24,76	24,76	0	25	25
		MBATTO	30		0	3666	100	65	25	0,00	21,74	21,74	0	22	22
		TIEMELEKRO	5		0	426	100	65	25	0,00	2,53	2,53	0	3	3
		DIDIEVI	15		0	34	100	65	25	0,00	0,20	0,20	0	0	0
II-C10	M'BAHLAKRO				1.017.970	25.981	100	65	25	24.151,34	154,10	24.305,44	28.413	154	28.567
		MBAHLAKRO	50	1	37781	3424	100	65	25	896,35	20,31	916,66	1.055	20	1.075
		BONGUERA	70	1	15951	1113	100	65	25	378,44	6,60	385,04	445	7	452
		BASSAWA	25		0	61	100	65	25	0,00	0,36	0,36	0	0	0
		DABAKALA	50		0	2802	100	65	25	0,00	16,62	16,62	0	17	17
		SATAMA-SOKOU	100	1	10470	643	100	65	25	248,40	3,81	252,22	292	4	296

Table 7.2-4 Water Demand in 2015

Water Demand in 2015					2015			2015			2015				
Code	Control Points	Sub-Prefectures	Sharing (%)	Center Town	Population		Water Supply Coverage	Per C. Demand		Demand			Production Demand		
					urban	Rural		Rural Population (l/c/d)	Urban Population (l/c/d)	Urban Demand (x1000 m3/an)	Rural Demand (x1000m3)	Total (x1000m3)	Urban Demand (x1000 m3/an)	Rural Demand (x1000m3)	Total (x1000m3)
		SATAMA-SOKOR	100	1	9455	1489	100	65	25	224,32	8,83	233,15	264	9	273
		BROBO	100	1	29477	1359	100	65	25	699,34	8,06	707,40	823	8	831
		TIE N'DIEKRO	40		0	238	100	65	25	0,00	1,41	1,41	0	1	1
		BOUAKE	80	1	803107	2805	100	65	25	19.053,71	16,64	19.070,35	22.416	17	22.433
		DIABO	40	1	13499	1479	100	65	25	320,26	8,77	329,04	377	9	386
		KATIOLA	65	1	66705	4783	100	65	25	1.582,58	28,37	1.610,95	1.862	28	1.890
		TIMBE	100	1	8784	397	100	65	25	208,40	2,36	210,76	245	2	247
		FRONAN	10	1	22741	1602	100	65	25	539,53	9,50	549,03	635	10	645
		BONIEREDOUGO	50		0	3260	100	65	25	0,00	19,34	19,34	0	19	19
		PREKRO	10		0	526	100	65	25	0,00	3,12	3,12	0	3	3
II-C11		Rte KATIOLA-DABAKALA			93.015	48.425	100	65	25	2.206,78	287,22	2.494,00	2.596	287	2.883
		FRONAN	30		0	4807	100	65	25	0,00	28,51	28,51	0	29	29
		NIAKARAMADO	50	1	48573	3061	100	65	25	1.152,39	18,16	1.170,55	1.356	18	1.374
		KOUMBALA	20		0	1585	100	65	25	0,00	9,40	9,40	0	9	9
		KONG	15		0	27777	100	65	25	0,00	164,75	164,75	0	165	165
		FOUMBOLO	65	1	15155	4421	100	65	25	359,55	26,22	385,77	423	26	449
		BONIEREDOUGO	50	1	29287	3260	100	65	25	694,83	19,34	714,17	817	19	836
		TAFIERE	40		0	3514	100	65	25	0,00	20,84	20,84	0	21	21
II-C12		BOUAFLE			320.625	113.514	100	65	25	7.606,83	673,28	8.280,11	8.949	673	9.622
		BONON	65	1	69615	61452	100	65	25	1.651,62	364,49	2.016,10	1.943	364	2.307
		BOUAFLE	25	1	169072	18113	100	65	25	4.011,23	107,43	4.118,67	4.719	107	4.826
		ZUENOULA	30		0	7536	100	65	25	0,00	44,70	44,70	0	45	45
		GOHITAFLA	10		0	927	100	65	25	0,00	5,50	5,50	0	5	5
		BEDIALA	50	1	81938	25486	100	65	25	1.943,98	151,16	2.095,14	2.287	151	2.438
II-C13		ZUENOULA			239.726	98.019	100	65	25	5.687,50	581,38	6.268,87	6.691	581	7.272
		ZUENOULA	50	1	131752	12560	100	65	25	3.125,82	74,50	3.200,31	3.677	74	3.751
		VAVOUA	15		0	20584	100	65	25	0,00	122,09	122,09	0	122	122
		MASSALA	75		0	5948	100	65	25	0,00	35,28	35,28	0	35	35
		MANKONO	85	1	67771	11208	100	65	25	1.607,87	66,48	1.674,34	1.892	66	1.958
		SARHALA	50		0	22892	100	65	25	0,00	135,78	135,78	0	136	136
		MARANDALLAH	35	1	22306	16402	100	65	25	529,21	97,28	626,49	623	97	720
		TIENINGBOUE	15		0	3738	100	65	25	0,00	22,17	22,17	0	22	22
		KONGASSO	95	1	17897	4223	100	65	25	424,61	25,05	449,65	500	25	525
		GOHITAFLA	5		0	464	100	65	25	0,00	2,75	2,75	0	3	3
II-C14		MANKONO			102.782	41.590	100	65	25	2.438,50	246,68	2.685,18	2.869	247	3.116
		DUALLA	70		0	1605	100	65	25	0,00	9,52	9,52	0	10	10
		KANI	70	1	28163	1814	100	65	25	668,17	10,76	678,93	786	11	797
		MORONDO	50	1	22134	35	100	65	25	525,13	0,21	525,34	618	0	618
		SEGUELON	10		0	146	100	65	25	0,00	0,87	0,87	0	1	1
		MADINANI	5		0	46	100	65	25	0,00	0,27	0,27	0	0	0
		BOUNDIALI	15		0	1387	100	65	25	0,00	8,23	8,23	0	8	8
		DIANRA	90		0	12346	100	65	25	0,00	73,23	73,23	0	73	73
		SARHALA	50	1	52485	22892	100	65	25	1.245,21	135,78	1.380,99	1.465	136	1.601
		MANKONO	10		0	1319	100	65	25	0,00	7,82	7,82	0	8	8
II-C15		KOUROUKORO			183.769	5.895	100	65	25	4.359,92	34,97	4.394,89	5.129	35	5.164
		MASSALA	25	1	21213	1983	100	65	25	503,28	11,76	515,04	592	12	604
		SEGUELA	80	1	139260	1610	100	65	25	3.303,94	9,55	3.313,49	3.887	10	3.897
		WOROFILA	40	1	15735	876	100	65	25	373,31	5,20	378,51	439	5	444
		MORONDO	40		0	28	100	65	25	0,00	0,17	0,17	0	0	0
		KANI	25		0	648	100	65	25	0,00	3,84	3,84	0	4	4
		DJIBROSSO	30		0	62	100	65	25	0,00	0,37	0,37	0	0	0
		Dualla	30	1	7561	688	100	65	25	179,39	4,08	183,47	211	4	215
II-C16		BORON			87.250	33.847	100	65	25	2.070,01	200,76	2.270,76	2.435	201	2.636
		DIKODOGOU	30		0	23311	100	65	25	0,00	138,26	138,26	0	138	138
		SIRASSO	95	1	30415	7777	100	65	25	721,60	46,13	767,72	849	46	895
		BOUNDIALI	15		0	1387	100	65	25	0,00	8,23	8,23	0	8	8
		DIANRA	10	1	56835	1372	100	65	25	1.348,41	8,14	1.356,55	1.586	8	1.594
III-C1		Grand-Bassam			282.744	44.895	100	65	25	6.708,10	266,28	6.974,38	7.892	266	8.158
		GRAND-BASSAM	95	1	86917	2143	100	65	25	2.062,11	12,71	2.074,82	2.426	13	2.439
		ALEPE	50	1	134752	21388	100	65	25	3.196,99	126,86	3.323,85	3.761	127	3.888
		BETTIE	60	1	61075	12832	100	65	25	1.449,00	76,11	1.525,11	1.705	76	1.781
		YAKASSE ATTOB	40		0	8532	100	65	25	0,00	50,61	50,61	0	51	51
III-C2		ABRADINO			378.841	150.144	100	65	25	8.988,00	890,54	9.878,55	10.574	891	11.465
		YAKASSE ATTOB	15		0	3199	100	65	25	0,00	18,97	18,97	0	19	19
		ADZOPE	10		0	210	100	65	25	0,00	1,25	1,25	0	1	1
		AKOUE	50		0	12734	100	65	25	0,00	75,53	75,53	0	76	76
		ARRAH	65		0	6681	100	65	25	0,00	39,63	39,63	0	40	40
		DAOUKRO	75	1	81072	11683	100	65	25	1.923,43	69,30	1.992,73	2.263	69	2.332
		ETTROKRO	92	1	16198	8277	100	65	25	384,30	49,09	433,39	452	49	501
		KOUN-FAO	20		0	639	100	65	25	0,00	3,79	3,79	0	4	4
		TANKESSE	10		0	668	100	65	25	0,00	3,96	3,96	0	4	4
		AGNIBILEKRO	60		0	14570	100	65	25	0,00	86,42	86,42	0	86	86
		ABENGOUROU	95	1	237840	84745	100	65	25	5.642,75	502,64	6.145,40	6.639	503	7.142
		NIABLE	100	1	43731	5669	100	65	25	1.037,52	33,62	1.071,14	1.221	34	1.255
		BETTIE	5		0	1069	100	65	25	0,00	6,34	6,34	0	6	6
III-C3		AKAKOMOEKRO			260.037	23.688	100	65	25	6.169,38	140,50	6.309,88	7.258	140	7.398
		ETTROKRO	5		0	450	100	65	25	0,00	2,67	2,67	0	3	3
		KOFFI AMONKRO	85		0	1315	100	65	25	0,00	7,80	7,80	0	8	8

Table 7.2-4 Water Demand in 2015

Water Demand in 2015					2015			Per C. Deman			2015			2015			
Code	Control Points	Sub-Prefectures	Sharing (%)	Center Town	Population		Water Supply Coverage	Rural		Urban Demand (x1000 m3/an)	Rural Demand (x1000m3)	Total (x1000m3)	Production Demand				
					urban	Rural		Population (l/c/d)	Population (l/c/d)				Urban Demand (x1000 m3/an)	Rural Demand (x1000m3)	Total (x1000m3)	Urban Demand (x1000 m3/an)	Rural Demand (x1000m3)
		PRIKRO	65		0	3420	100	65	25	0,00	20,29	20,29	0	20	20		
		BASSAWA	75	1	15273	182	100	65	25	362,35	1,08	363,43	426	1	427		
		DABAKALA	30	1	62470	1681	100	65	25	1.482,10	9,97	1.492,07	1.744	10	1.754		
		KOUASSI-DATEK	100	1	32878	2065	100	65	25	780,03	12,25	792,28	918	12	930		
		SANDEGUE	100	1	58802	9091	100	65	25	1.395,08	53,92	1.449,00	1.641	54	1.695		
		SAPLI	20	1	52823	3959	100	65	25	1.253,23	23,48	1.276,71	1.474	23	1.497		
		Taoudi	100	1	37791	1525	100	65	25	896,59	9,05	905,64	1.055	9	1.064		
III-C4	GRANSE				107.267	154.324	100	65	25	2.544,91	915,33	3.460,24	2.994	915	3.909		
		KONG	75	1	32836	138886	100	65	25	779,03	823,77	1.602,80	917	824	1.741		
		NASSIAN	20	1	40857	1638	100	65	25	969,33	9,72	979,05	1.140	10	1.150		
		TEHINI	85	1	33574	10299	100	65	25	796,54	61,09	857,63	937	61	998		
		DABAKALA	20		0	1121	100	65	25	0,00	6,65	6,65	0	7	7		
		FOUMBOLO	35		0	2380	100	65	25	0,00	14,12	14,12	0	14	14		
III-CS	KAFOLON				77.368	104.750	100	65	25	1.835,56	621,30	2.456,86	2.159	621	2.780		
		NIELLE	85	1	32971	8209	100	65	25	782,24	48,69	830,93	920	49	969		
		Kong	10		0	18518	100	65	25	0,00	109,84	109,84	0	110	110		
		KOUMBALA	45		0	3566	100	65	25	0,00	21,15	21,15	0	21	21		
		FERKESSEDOUG	50		0	10251	100	65	25	0,00	60,80	60,80	0	61	61		
		OUANGOLODOUG	85	1	44397	49742	100	65	25	1.053,32	295,03	1.348,35	1.239	295	1.534		
		DIAWALA	40		0	13759	100	65	25	0,00	81,61	81,61	0	82	82		
		MBENGUE	10		0	705	100	65	25	0,00	4,18	4,18	0	4	4		
III-C6	N'DAKRO				515.597	36.437	100	65	25	12.232,54	216,12	12.448,66	14.391	216	14.607		
		KOUN-FAO	80	1	38756	2554	100	65	25	919,49	15,15	934,63	1.082	15	1.097		
		TANDA	80	1	91607	3301	100	65	25	2.173,38	19,58	2.192,96	2.557	20	2.577		
		GOMERE	100	1	20835	992	100	65	25	494,31	5,88	500,19	582	6	588		
		TABAGNE	30	1	22596	193	100	65	25	536,09	1,15	537,24	631	1	632		
		BONDOUKOU	100	1	67947	3486	100	65	25	1.612,04	20,68	1.632,72	1.897	21	1.918		
		ASSUEFRY	100	1	29779	3733	100	65	25	706,51	22,14	728,65	831	22	853		
		TRANSUA	100	1	49518	6450	100	65	25	1.174,82	38,26	1.213,07	1.382	38	1.420		
		TANKESSE	90	1	63378	6014	100	65	25	1.503,64	35,67	1.539,31	1.769	36	1.805		
		AGNIBILEKRO	40	1	131181	9714	100	65	25	3.112,27	57,62	3.169,89	3.661	58	3.719		
IV-C1	TATE				173.559	410.263	100	65	25	4.117,69	2.433,37	6.551,06	4.844	2.433	7.277		
		Grabo	90	1	56151	32636	100	65	25	1.332,18	193,57	1.525,75	1.567	194	1.761		
		Tai	85	1	46921	67724	100	65	25	1.113,20	401,69	1.514,89	1.310	402	1.712		
		Blouquin	70	1	61924	85980	100	65	25	1.469,15	509,97	1.979,12	1.728	510	2.238		
		Bakoubly	100	1	8563	5	100	65	25	203,16	0,03	203,19	239	0	239		
		Pehe	80		0	4839	100	65	25	0,00	28,70	28,70	0	29	29		
		Buyo	30		0	81146	100	65	25	0,00	481,30	481,30	0	481	481		
		Meagui	30		0	118601	100	65	25	0,00	703,45	703,45	0	703	703		
		San Pedro	5		0	19332	100	65	25	0,00	114,66	114,66	0	115	115		
IV-C2	TOULEPLEU				17.782	40.178	100	65	25	421,88	238,31	660,18	496	238	734		
		PEHE	20	1	17782	1210	100	65	25	421,88	7,18	429,06	496	7	503		
		BIN-HOUYE	50		0	156	100	65	25	0,00	0,93	0,93	0	1	1		
		ZOUAN-HOUNIEN	30		0	1271	100	65	25	0,00	7,54	7,54	0	8	8		
		DANANE	30		0	2986	100	65	25	0,00	17,71	17,71	0	18	18		
		MAHAPLEU	80		0	6526	100	65	25	0,00	38,71	38,71	0	39	39		
		SANGOUINE	10		0	1641	100	65	25	0,00	9,73	9,73	0	10	10		
		ZOU	15		0	7964	100	65	25	0,00	47,24	47,24	0	47	47		
		BLOLEQUIN	15		0	18424	100	65	25	0,00	109,28	109,28	0	109	109		
VI-C1	PAPARA				61.483	5.791	100	65	25	1.458,68	34,35	1.493,03	1.716	34	1.750		
		TENGRELA	40	1	52082	1456	100	65	25	1.235,65	8,64	1.244,28	1.454	9	1.463		
		KANAKONO	100	1	9401	4245	100	65	25	223,04	25,18	248,22	262	25	287		
		KOUTO	10		0	90	100	65	25	0,00	0,53	0,53	0	1	1		
VI-C2	KOUTO Pont				157.015	17.266	100	65	25	3.725,18	102,41	3.827,59	4.383	102	4.485		
		Kouto	65	1	34077	582	100	65	25	808,48	3,45	811,93	951	3	954		
		M'Bengue	8		0	564	100	65	25	0,00	3,35	3,35	0	3	3		
		Kassere	50		0	9267	100	65	25	0,00	54,97	54,97	0	55	55		
		Gbon	30	1	22433	217	100	65	25	532,22	1,29	533,51	626	1	627		
		Kolia	45	1	34786	632	100	65	25	825,30	3,75	829,05	971	4	975		
		Boundiali	60	1	65719	5548	100	65	25	1.559,18	32,91	1.592,09	1.834	33	1.867		
		Madinani	50		0	456	100	65	25	0,00	2,71	2,71	0	3	3		
VI-C3	DEBETE				0	2.412	100	65	25	0,00	14,31	14,31	0	14	14		
		TENGRELA	25		0	910	100	65	25	0,00	5,40	5,40	0	5	5		
		KOUTO	25		0	224	100	65	25	0,00	1,33	1,33	0	1	1		
		GBON	70		0	506	100	65	25	0,00	3,00	3,00	0	3	3		
		KOLIA	55		0	772	100	65	25	0,00	4,58	4,58	0	5	5		
VI-C4	DJIRILA				132.406	5.357	100	65	25	3.141,33	31,77	3.173,11	3.696	32	3.728		
		MINIGNAN	15		0	25	100	65	25	0,00	0,15	0,15	0	0	0		
		Samatigula	100	1	5634	1329	100	65	25	133,67	7,88	141,55	157	8	165		
		Kaniasso	100	1	11129	119	100	65	25	264,04	0,71	264,74	311	1	312		
		Tieme	100	1	9355	2018	100	65	25	221,95	11,97	233,92	261	12	273		
		Odiene	50	1	106288	1382	100	65	25	2.521,68	8,20	2.529,88	2.967	8	2.975		
		Tienko	15		0	25	100	65	25	0,00	0,15	0,15	0	0	0		
		Goufia	20		0	368	100	65	25	0,00	2,18	2,18	0	2	2		
		Madinani	10		0	91	100	65	25	0,00	0,54	0,54	0	1	1		
VI-C5	IRADOUGOU				0	967	100	65	25	0,00	5,74	5,74	0	6	6		
		SEYDOUGOU	25		0	0	100	65	25	0,00	0,00	0,00	0	0	0		

Table 7.2-4 Water Demand in 2015

Water Demand in 2015					2015					2015			2015		
					Population		Water Supply	Per C. Deman		Demand			Production Demand		
Code	Control e Points	Sub-Prefectures	Sharing (%)	Center Town	urban	Rural	Coverage	Rural Popula tion (l/c/d)	Urban Popula tion (l/c/d)	Urban Demand ( x1000 m3/an)	Rural Demand (x1000m3 )	Total (x1000m3)	Urban Demand ( x1000 m3/an)	Rural Demand (x1000m3 )	Total (x1000m3 )
VII-C1	KONTODOU				0	6.755	100	65	25	0,00	40,07	40,07	0	40	40
	BOUNA		20		0	6755	100	65	25	0,00	40,07	40,07	0	40	40
VII-C2	VONKORO				136.090	5.195	100	65	25	3.228,74	30,81	3.259,55	3.799	31	3.830
	BOUNA		10	1	136090	3377	100	65	25	3.228,74	20,03	3.248,77	3.799	20	3.819
	Daropo		100	1	0	0	100	65	25	0,00	0,00	0,00	0	0	0
	Tehini		15		0	1818	100	65	25	0,00	10,78	10,78	0	11	11
VIII-1	Assnie-Mafia				217619	82764	100	65	25	5.163,01	490,89	5.653,91	6.074	491	6.565
	ASSINI-MAFIA		60	1	16630	1190	100	65	25	394,55	7,06	401,61	464	7	471
	ETUEBOUE		100	1	16099	14497	100	65	25	381,95	85,99	467,93	449	86	535
	Adiake		95	1	52859	14963	100	65	25	1.254,08	88,75	1.342,83	1.475	89	1.564
	ABOISSO		45		0	13040	100	65	25	0,00	77,34	77,34	0	77	77
	TIAPOUM		70	1	54567	12097	100	65	25	1.294,60	71,75	1.366,35	1.523	72	1.595
	MAFERE		40	1	77464	26977	100	65	25	1.837,83	160,01	1.997,84	2.162	160	2.322
VIII-C2	Krindjabo				103658	17922	100	65	25	2.459,29	106,30	2.565,59	2.893	106	2.999
	ABOISSO		55	1	103658	15938	100	65	25	2.459,29	94,53	2.553,82	2.893	95	2.988
	AYAME		5		0	927	100	65	25	0,00	5,50	5,50	0	5	5
	BONOUA		5		0	1057	100	65	25	0,00	6,27	6,27	0	6	6
VIII-C3	AYAME Dam-No.2				15.691	42.560	100	65	25	372,27	252,43	624,70	438	252	690
	AYAME		70	1	15691	12975	100	65	25	372,27	76,96	449,23	438	77	515
	BIANOUAN		60		0	29585	100	65	25	0,00	175,48	175,48	0	175	175
VIII-C4	BIAN				27.981	19.723	100	65	25	663,85	116,98	780,83	781	117	898
	BIANOUAN		40	1	27981	19723	100	65	25	663,85	116,98	780,83	781	117	898
IX-C1	Adjn				24.476	3.859	100	65	25	580,69	22,89	603,58	683	23	706
	ANOUABLA		40		0	1160	100	65	25	0,00	6,88	6,88	0	7	7
	BINGERVILLE		15		0	1028	100	65	25	0,00	6,10	6,10	0	6	6
	AZAGUIE		25	1	24476	1671	100	65	25	580,69	9,91	590,60	683	10	693
IX-C2	IRHO				166.351	33.424	100	65	25	3.946,68	198,25	4.144,92	4.643	198	4.841
	AYAME		10		0	1854	100	65	25	0,00	11,00	11,00	0	11	11
	ALEPE		45		0	19249	100	65	25	0,00	114,17	114,17	0	114	114
	AZAGUIE		60		0	4010	100	65	25	0,00	23,78	23,78	0	24	24
	AGBOVILLE		10		0	4163	100	65	25	0,00	24,69	24,69	0	25	25
	BECEDI BRIGNA		100	1	24322	2314	100	65	25	577,04	13,73	590,76	679	14	693
	AGOU		100	1	27798	1043	100	65	25	659,51	6,19	665,69	776	6	782
	ADZOPE		30	1	80658	631	100	65	25	1.913,61	3,74	1.917,35	2.251	4	2.255
	ASSIKOI		50	1	33573	160	100	65	25	796,52	0,95	797,47	937	1	938
IX-C3	LOBOAKOUDZIN				44.070	10.500	100	65	25	1.045,56	62,28	1.107,84	1.230	62	1.292
	ALEPE		5		0	2139	100	65	25	0,00	12,69	12,69	0	13	13
	ASSIKOI		50		0	160	100	65	25	0,00	0,95	0,95	0	1	1
	ADZOPE		35		0	736	100	65	25	0,00	4,37	4,37	0	4	4
	YAKASSE ATTOB		35	1	44070	7465	100	65	25	1.045,56	44,28	1.089,84	1.230	44	1.274
IX-C4	KOSSIHOUEN				0	42.464	100	65	25	0,00	251,87	251,87	0	252	252
	AYAME		15		0	2780	100	65	25	0,00	16,49	16,49	0	16	16
	AGBOVILLE		65		0	27057	100	65	25	0,00	160,48	160,48	0	160	160
	RUBINO		45		0	9485	100	65	25	0,00	56,26	56,26	0	56	56
	SIKENSI		20		0	2139	100	65	25	0,00	12,69	12,69	0	13	13
	AZAGUIE		15		0	1003	100	65	25	0,00	5,95	5,95	0	6	6
IX-C5	AGBOVILLE				530.556	69.748	100	65	25	12.587,44	413,69	13.001,13	14.809	414	15.223
	AGBOVILLE		25	1	193700	10407	100	65	25	4.595,53	61,73	4.657,26	5.407	62	5.469
	RUBINO		55	1	40402	11593	100	65	25	958,54	68,76	1.027,30	1.128	69	1.197
	ANOUABLA		20		0	580	100	65	25	0,00	3,44	3,44	0	3	3
	MBATTO		65	1	42928	7942	100	65	25	1.018,47	47,11	1.065,57	1.198	47	1.245
	BONGOUANOU		50	1	97896	4175	100	65	25	2.322,58	24,76	2.347,35	2.732	25	2.757
	ARRAH		35	1	64528	3598	100	65	25	1.530,93	21,34	1.552,27	1.801	21	1.822
	AKOUE		50	1	70529	12734	100	65	25	1.673,30	75,53	1.748,83	1.969	76	2.045
	AFFERY		100	1	20573	18193	100	65	25	488,09	107,91	596,00	574	108	682
	ADZOPE		25		0	526	100	65	25	0,00	3,12	3,12	0	3	3
IX-C6	IRA				0	8.658	100	65	25	0,00	51,35	51,35	0	51	51
	DABOU		30		0	8658	100	65	25	0,00	51,35	51,35	0	51	51
X-C1	Adahi Dougeu				619.435	169.710	100	65	25	14.696,10	1.006,59	15.702,69	17.290	1.007	18.297
	GUITRY		50	1	92704	83351	100	65	25	2.199,40	494,38	2.693,78	2.588	494	3.082
	DIVO		25	1	270965	23831	100	65	25	6.428,65	141,35	6.569,99	7.563	141	7.704
	HIRE		40		0	11758	100	65	25	0,00	69,74	69,74	0	70	70
	DIEGONEFLA		65	1	79922	23578	100	65	25	1.896,15	139,85	2.036,00	2.231	140	2.371
	ZIKISSO		100	1	32906	12754	100	65	25	780,70	75,65	856,34	918	76	994
	LAKOTA		45	1	142938	14438	100	65	25	3.391,20	85,64	3.476,84	3.990	86	4.076
X-C2	GRAND-LAHO				0	89.896	100	65	25	0,00	533,20	533,20	0	533	533
	GUITRY		20		0	33340	100	65	25	0,00	197,75	197,75	0	198	198
	GRAND LAHO		7		0	7423	100	65	25	0,00	44,03	44,03	0	44	44
	DIVO		50		0	47663	100	65	25	0,00	282,70	282,70	0	283	283
	HIRE		5		0	1470	100	65	25	0,00	8,72	8,72	0	9	9
X-C3	DAHIRE				0	46.038	100	65	25	0,00	273,06	273,06	0	273	273
	FRESCO		35		0	28266	100	65	25	0,00	167,65	167,65	0	168	168
	GUITRY		2		0	3334	100	65	25	0,00	19,78	19,78	0	20	20
	LAKOTA		45		0	14438	100	65	25	0,00	85,64	85,64	0	86	86
X-C4	FRESCO				0	81.363	100	65	25	0,00	482,58	482,58	0	483	483
	FRESCO		35		0	28266	100	65	25	0,00	167,65	167,65	0	168	168
	SASSANDRA		20		0	53097	100	65	25	0,00	314,93	314,93	0	315	315