and an	UStation (1	11805)											17	(nit m3/s)
	Jan.	Feb.	Mar	Apr	May	Jun	ծվ	Aug	Sep	Oct	Nov	Dec	Min	Mean
1997	0 382	0.26	0.181	1.14	0 185	0.324	0 187	1 69	0168	0.171	0 3 1 4	1 41	0168	0.574
1996	1.062	0 293	1 1 5 2	0 867	0 216	0168	0147	0.119	0 235	0.12	0188	0.308	0119	0.108
1995	0.258	0.23	0155	0 1 9 3	0 262	0 249	0.074	0.071	0113	0103	0 253	0 41 3	0.071	0198
1991	0.212	0.318	0105	0 (999	0.095	0118	0.508	0 (983	0.074	0143	0.099	0103	0.074	0147
1993	0.052	0.039	0172	0 311	0 632	0 332	0 289	0.085	0.073	0.12	0121	0.478	0.032	0 2 2 7
1992	0.085	0.112	0104	0127	012	0.469	0108	0.085	0.045	0.051	0.052	0.069	0.045	0118
1991	0129	0 266	0194	0 215	0 942	0.992	0.946	0873	0.064	0.067	0 21 4	0114	0.064	0 420
1990	0.062	0.07	0.061	0.096	0128	0.073	0.061	0 039	0.039	0.056	0 039	0.438	0 (139	0.097
1989	0.053	0.006	0 099	0.066	0.69	0.13	0 043	0.056	0.037	0.061	0 0 7 3	0.047	0 (037	0.069
1988	0.131	0.636	0 833	Q 459	0182	0.53	0161	0.056	0 091	0.046	0 052	0109	0.046	0 270
1987	0.079	0.36	0.144	0.198	0122	0114	0.085	0.04	0 0 2 6	0.052	0 089	0191	0.026	0.123
1986	0.101	1.055	0.799	0 108	0.060	0.104	0.074	0.095	0 0 50	0.055	0.043	0.137	0.043	0 21 8
1985	0 267	0 289	2104	0140	0.452	0.330	0112	0.087	0.035	0.033	0 063	0.047	0.033	0 332
1984	0121	0764	1 297 0 1 1 5	0 268 0 104	0 949 0 097	1.113 2.150	0 252	0.130	0.074	0.060	0184	0108	0.060	0.44)
1983 1982	0133 0160	0.120 0.092	0 281	0 371	0.324	0.654	0 351 0 325	0.771 0.450	0 073 0 195	0.040 0.067	0.070 0.084	0 073 0 198	0 04) 0 067	0340 0268
1981	0 296	0 68 4	0 550	0 557	0.334	0.088	0.051	0.118	0.055	0.082	0.073	0 836	0.051	0322
1980	0.695	0 532	0 552	1.153	1 572	0.425	0.214	0.623	0.054	0.097	0.445	1 253	0.064	0.638
1979	0 256	0619	0.200	0 586	0135	0.708	1.416	0 702	0 095	0.058	0128	0.114	0.058	0.41
1978	0.067	1 130	0.424	0.491	0 593	0 309	0 501	0.080	0 103	0.038	0169	0173	0 038	0.335
													0 026	
ESILA S	tation (111 Jan.	605) Feb.	Mar.		May	Jun.	Jal	A	6	0.4	New	- <u></u>		hut 103/3
1997	2 51	2 36	2 46	Apr. 7.3	10.1	5.08	3.93	Aug. 10.7	Sep. 4 68	Oct. 2 85	<u>Nov.</u> 2 24	Dec. 5.72	Min. 2 240	Mean 5 018
1996	4 2 3 5	2 531	2 40-1	11.979	7.736	3.432	2 593	2 004	3.018	2 0 17	2 331	5.632	2 004	4.16
1995	1 52	2 06	3 167	5 594	8.127	6.672	3.766	2 492	3.499	1,798	3.135	3 9 4 5	1 520	3.81
1994	2 532	1 318	1.729	2 863	2 958	3,762	4.375	2 548	1.411	2113	1.411	1.441	1 318	2 38
1993	0941	0.789	2 941	6 6 5 8	8.143	5.127	3 28 4	1 872	1 656	1.701	1.58	3125	0.789	316
1992	1.57	1 343	2 689	5 29	3.006	5.122	2 498	1 747	3.313	1 292	1.429	6 998	0 998	2 35
1991	1 847	1 265	4 046	6 3 4 6	13.042	11.004	9 581	5.763	2 99	2 694	3 3 11	2 631	1 265	5 40
1990	1.531	2 41 4	2 559	2 951	4218	3.955	2 \$54	1.457	1 338	1.072	132	3 815	1 072	2 4 4
989	1.041	1 812	3.734	3 255	4,223	3 541	2107	1 763	2167	1.818	4149	2 382	1.041	260
1988	1.696	1.878	4 377	11.795	7.629	7.726	3.855	2 5 4 3	2 332	1.432	1 31	1.403	1 310	4 000
1997	0 532	1.569	1.528	5.94	5.178	3 544	3.024	2 0 2 2	1 25	1.192	2 065	3.112	0 \$32	2 58
1986	1 676	1.674	4.045	6 857	3 689	4.152	4.000	3.035	2136	1.873	2 413	1 225	1 225	3.06
1985	1 338	1 208	4 191	11.454	6.479	8,470	4.402	3 317	2 255	1.292	1841	2 861	208	4 09
1984	1 534	1.613	3 682	12109	14,768	10 393	6 555 3 639	3.481	2 468	1 999	2 286	1544	1 534	5 21:
1983 1982	2.726 5.433	2 841 2 993	4 278 3 382	5 670 8 213	3 355 7 269	9.856 4.778	7 928 4 512	8 891 4 894	3 358 3 929	2 (08 2.423	1.558	i 396 3 3 14	1 396 2 1 66	4 50 4 45
1981	3.127	2 705	9.770	8.497	11 238	5.689	3 595	2 630	3 113	3,488	2 166 4.093	8 792	2 630	5 58
1980	2,011	2 391	4 378	10 808	16.432	8 539	5 201	58"6	2 690	4103	5 861	5 629	2 011	518
1979	3 378	4 5 42	5 293	8 6 12	6 276	10 574	11.074	7.400	3,733	2 638	2 451	2 235	2 235	5.68
1978	1 343	3.444	4.900	6.184	9 033	8 354	5,600	3 269	4 289	2 783	3.033	3 518	1 3 1 3	461
													0 532	
	A Station	111312												- . . .
Raio	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Min.	nit. m3/s Mean
			5.97	25.5	31.4	13 2	116	46.2	168	9.56	8.04	17.4	5.660	16 51
1997	5.68	2.00												
1997 1995	5.68 27 468	5.66 7.297	7.569	33 863	22 226	8.115	5 29	4 859	8 832	6.046	6 91 3	14.431	4 869	1231
					22 226 19.733	8.115 14.157	5 29 10:405	4 859 7.(8)	8 832 10 532	6.046 6,496	6 913 11 061	14.431 16.006	4 869 5.137	
1996	22 468	7.297	7.569	33 863										10.50
1996 1995	27 468 5 137	7.297 5.592	7.569 8.375	33 863 11.417	19.733	14 157	10.405	7.(8)	10 532	6,496	11 061	16 006	5.137	10 50 6.42
1996 1995 1994	22 468 5 137 6.005	7.297 5.592 4.871	7,569 8 375 5 239	33 863 11.417 5.784	19.733 5.788	14 157 13.119	10.405 11.146	7.(8) 5.475	10 532 4 665	6,496 5,526	11 061 4.778	16 006 5.158	5.137 4.665	10 52 6.42 6 51
1996 1995 1994 1993 1992 1991	22 468 5 137 6 005 3 535 5 99 3 94	7.297 5.592 4.871 3.53 5.76 3.395	7,569 8,375 5,239 6,768 7,116 6,726	33 863 11 417 5 784 10 859 13 288 10 715	19.733 5.788 15.479 7.878 26.605	14 157 13.119 7.323 14.457 39 337	10.405 11.146 6.014 6.441 27.948	7.68) 5.475 3.753 3.964 17.55	10 532 4 065 3 88 3 541 7 866	6,496 5,526 4,922 3,847 9,782	11 061 4.778 4.059 3.948 10 371	16 006 5.158 7.735 4 222 7 573	5.137 4.665 3.530 3.541 3.395	90 50 6.42 6 51 6.68 14 37
1996 1995 1994 1993 1992 1991 1990	22 468 5 137 6 005 3 535 5 99 3 94 5 139	7.297 5.592 4.871 3.53 5.76 3.395 6.126	7,569 8 375 5 239 6 768 7,116 6 726 6 337	33 863 11.417 5.784 10 859 13 288 10.715 5 259	19.733 5.788 15.479 9.878 26.605 7.319	14 157 13.119 7.323 14.457 39 337 6 512	10.405 11.146 6.014 6.441 27.948 4 533	7.681 5.475 3.753 3.964 17.55 3.367	10 532 4 065 3 88 3 541 7 866 3 552	6.496 5.526 4.922 3.847 9.782 3.607	11 061 4.778 4.059 3.948 10 374 3.566	16 006 5.158 7.735 4 222 7 573 8 508	5.137 4.665 3.530 3.541 3.395 3.367	10 50 6.42 6.51 6.68 14 37 5 35
1996 1995 1994 1993 1992 1991 1990 1989	22 468 5 137 6 005 3 535 5 99 3 94 5 139 4,777	7.297 5.592 4.871 3.53 5.76 3.395 6.126 5.253	7,569 8 375 5 239 6 768 7,116 6 726 6 337 7,7	33 863 11.417 5.784 10 859 13 288 10.715 5 259 5.782	19.733 5.788 15.479 7.878 26.605 7.319 6.073	14 157 13.119 7.323 14.457 39 337 6 512 5 342	10.405 11.146 6.014 6.441 27.948 4.533 3.467	7.68) 5.475 3.753 3.964 17.55 3.367 3.454	10 532 4 065 3 88 3 541 7 866 3 552 6 302	6,496 5,526 4,922 3,847 9,782 3,607 4,61	11 061 4.778 4.059 3.948 10 371 3 566 10 61	16 006 5.158 7.735 4 222 7 573 8 508 6 128	5.137 4.065 3.530 3.541 3.305 3.367 3.454	10 50 6.40 6.51 6.68 14 37 5 35 5.78
1995 1995 1994 1993 1992 1991 1990 1989 1988	22 468 5 137 6 005 3 535 5 99 3 94 5 139 4 777 5 351	7.297 5.592 4.871 3.53 5.76 3.395 6.126 5.253 6.904	7,569 8,375 5,239 6,768 7,116 6,726 6,337 7,7 10,563	33 863 11.417 5.784 10 859 13 288 10.715 5 259 5.782 21 31	19.733 5.788 15.479 7.878 26.605 7.319 6.073 20.203	14 157 13.119 7.323 14.457 39 337 6 512 5 342 22 962	10.405 11.146 6.014 6.441 27.948 4.533 3.467 14.874	7.68) 5.475 3.753 3.964 17.55 3.367 3.454 5.643	10 532 4 065 3 88 3 541 7 866 3 552 6 302 6 5	6,496 5,526 4,922 3,847 9,782 3,607 4,61 4,954	11 061 4 778 4 059 3 948 10 371 3 566 10 61 5 401	16 006 5.158 7.735 4 222 7 573 8 548 6 128 5.778	5.137 4.665 3.530 3.541 3.395 3.367 3.454 4.954	10 50 6.42 6.51 6.68 14 37 5.35 5.78 10 86
1996 1995 1994 1993 1992 1991 1990 1989 1988 1988 1987	22 468 5 137 6.005 3 535 5 99 3 94 5 139 4.777 5 351 4.46	7.297 5.592 4.871 3.53 5.76 3.395 6.126 5.253 6.904 6.464	7,569 8,375 5,239 6,768 7,116 6,726 6,337 7,7 10,563 5,758	33 863 11.417 5.784 10 859 13 288 10.715 5 259 5.782 21 31 12 17	19,733 5,788 15,479 7,878 26,605 7,319 6,073 20,203 10,713	14 157 13.119 7.323 14.457 39.337 6.512 5.342 22.962 5.759	10.405 11.146 6.014 6.441 27.948 4.533 3.467 14.874 5.677	7.68) 5.475 3.753 3.964 17.55 3.367 3.454 5.643 3.404	10 532 4 665 3 88 3 541 7 866 3 552 6 302 6 5 3 32	6,496 5,526 4 922 3 847 9,782 3,607 4 61 4 954 3,393	11 061 4.778 4.059 3.948 10 371 3.566 10 61 5.401 4.742	16 006 5.158 7.735 4 222 7 573 8 \$08 6 128 5.778 7 28	5.137 4.665 3.530 3.541 3.395 3.367 3.454 4.954 3.320	10 50 6.42 6.51 6.68 14 37 5 35 5.78 10 86 6.08
1995 1995 1994 1993 1992 1991 1990 1989 1988 1988 1987 1986	22 468 5 137 6 005 3 535 5 99 3 94 5 139 4 777 5 351 4 46 7 140	7.297 5.592 4.871 3.53 5.76 3.395 6.126 5.253 6.904 6.464 7.373	7,569 8,375 5,239 6,768 7,116 6,726 6,337 7,7 10,563 5,758 10,634	33 863 11.417 5.784 10 859 13 288 10.715 5 259 5.782 21 31 12 17 11 599	19,733 5,788 15,479 7,878 26,605 7,319 6,073 20,203 10,713 6,382	14 157 13.119 7.323 14.457 39 337 6 512 5 342 22 962 5.759 8.475	10.405 11.146 6.014 6.411 27.948 4 533 3 467 14.874 5.677 8 636	7.681 5.475 3.753 3.964 17.55 3.367 3.454 5.643 3.404 6.470	10 532 4 665 3 88 3 541 7 866 3 552 6 302 6 5 3 32 4 747	6,496 5,526 4 922 3,847 9,782 3,607 4,61 4,954 3,393 5,302	11 061 4 778 4 059 3 943 10 371 3 566 10 61 5 401 4 742 5 129	16 006 5.158 7.735 4 222 7 573 8 %08 6 128 5.778 7 28 4 625	5137 4065 3530 3541 3395 3367 3454 4954 3320 4625	10 50 640 651 668 14 37 5 35 5.78 10 86 6.08 7 20
1995 1995 1994 1993 1992 1991 1990 1989 1988 1988 1987 1986 1985	22 468 5 137 6.005 3 535 5 99 3 94 5 139 4.777 5 351 4.46 7.140 5 202	7.297 5.592 4.871 3.53 5.76 3.395 6.126 5.253 6.904 6.464 7.373 4.823	7,569 8,375 5,239 6,768 7,116 6,726 6,337 7,7 10,563 5,758 10,634 12,645	33 863 11.417 5.784 10 859 13 288 10.715 5 259 5.782 21 31 12 17 11 599 18 937	19,733 5,788 15,479 7,878 26,605 7,319 6,073 20,203 10,713 6,382 13,107	14 157 13.119 7.323 14.457 39 337 6 512 5 342 22 962 5.759 8.475 18.124	10.405 11.146 6.014 6.441 27.948 4 533 3 467 14 874 5.677 8 636 9.646	7.681 5.475 3.753 3.964 17.55 3.367 3.454 5.643 3.404 6.470 6.784	10 532 4 065 3 88 3 541 7 866 3 552 6 302 6 5 3 32 4.747 6.192	6,496 5,526 4 922 3,847 9,782 3,607 4,61 4 954 3,393 5 302 4,571	11 061 4 778 4 059 3 948 10 371 3 566 10 61 5 401 4 742 5 129 6 145	16 006 5.153 7.735 4 222 7 573 8 908 6 128 5.778 7 28 4 625 7.577	5,137 4,065 3,530 3,541 3,395 3,367 3,454 4,954 3,320 4,625 4,571	10 50 643 6 51 6 65 14 30 5 35 5 78 10 86 6 68 7 20 9 43
1995 1995 1994 1993 1992 1991 1990 1989 1988 1987 1986 1985 1985 1984	22 468 5 137 6 005 3 535 5 99 3 94 5 139 4 777 5 351 4 46 7 140 5 202 6 040	7.297 5.592 4.871 3.53 5.76 3.395 6.126 5.253 6.904 6.464 7.371 4.823 7.420	7,569 8,375 5,239 6,768 7,116 6,726 6,331 7,7 10,563 5,758 10,634 12,645 14,263	33 863 11.417 5.784 10 859 13 288 10.715 5 259 5.782 21 31 12 17 11 599 18 937 24 620	19,733 5,788 15,479 7,878 26,605 7,319 6,073 20,203 10,713 6,382 13,107 40,403	14 157 13.119 7.323 14.457 39 337 6 512 5 342 22 962 5.759 8.475 18.124 25.810	10.405 11.146 6 014 6.441 27.948 4 533 3 467 14 874 5.677 8 636 9.646 15 502	7.681 5.475 3.753 3.964 17.55 3.367 3.454 5.643 3.494 6.470 6.784 8.508	10 532 4 065 3 88 3 541 7 866 3 552 6 302 6 5 3 32 4.747 6.192 7.004	6,496 5,526 4,922 3,847 9,782 3,607 4,61 4,954 3,393 5,302 4,571 6,175	11 061 4 778 4 059 3 948 10 371 3 566 10 61 5 401 4 742 5 129 6 145 7 917	16 006 5.153 7.735 4 222 7 573 8 908 6 128 5.778 7 28 4 625 7.577 7 167	5.137 4.065 3.530 3.541 3.395 3.367 3.454 4.954 3.320 4.625 4.571 6.040	10 50 641 651 668 14 30 5 35 5,78 10 84 6,68 7 20 9,41 14 20
1996 1995 1994 1993 1992 1991 1990 1989 1988 1987 1986 1985 1985 1984 1983	22 468 5 137 6 005 3 535 5 99 3 94 5 139 4 777 5 351 4 46 7 140 5 202 6 040 6 983	7.297 5.592 4.871 3.53 5.76 3.395 6.126 5.253 6.925 6.925 4.823 7.420 7.059	7,569 8,375 5,239 6,768 7,116 6,726 6,331 7,7 10,563 5,758 10,634 12,045 14,263 8,470	33 863 11.417 5.784 10 859 13 288 10.715 5 259 5.782 24 31 12 17 11 599 18 937 24 620 11 957	19.733 5.788 15.479 7.878 26.605 7.319 6.073 20.203 10.713 6.382 13.107 40.403 5.478	14 157 13.119 7.323 14.457 39 337 6 512 5 342 22 962 5.759 8.475 18.124 25.810 29.660	10.405 11.146 6.014 6.441 27.948 4.533 3.467 14.874 5.677 8.635 9.646 15.502 22.623	7.681 5.475 3.753 3.964 17.55 3.367 3.454 5.643 3.404 6.470 6.784 8.508 20.622	10 532 4 065 3 88 3 541 7 866 3 552 6 302 6 5 3 32 4 747 6 192 7,004 6 552	6.496 5.526 4.922 3.847 9.782 3.607 4.61 4.954 3.393 5.302 4.571 6.175 5.800	11 061 4 778 4 059 3 948 10 371 3 566 10 61 5 401 4 742 5 129 6 145 7 917 5 543	16 006 5.153 7.735 4 222 7 573 8 908 6 128 5.778 7 28 4 625 7.577 7 107 5 301	5.137 4.665 3.530 3.541 3.305 3.367 3.454 4.954 3.320 4.625 4.571 6.040 5.391	10 50 6.41 6.68 14 30 5 35 5.78 10 84 6.08 7 20 9.41 14 22 13 22
1996 1995 1994 1993 1992 1991 1990 1989 1989 1988 1985 1985 1985 1984 1983 1983	22 468 5 137 6 005 3 535 5 99 3 3 94 5 139 4 777 5 351 4 46 7 140 5 205 6 040 6 983 12 452	7.297 5.592 4.871 3.53 5.76 3.395 6.126 5.253 6.904 6.454 7.371 4.823 7.420 7.059 7.657	7,569 8,375 5,239 6,768 7,116 6,726 6,726 6,726 6,726 6,726 6,727 10,563 5,758 10,563 11,2645 14,265 8,470 9,461	33 863 11.417 5.784 10 859 13 288 10.715 5 259 5.782 24 31 12 17 11 599 18 937 24 620 11 957 17 569	19,733 5,788 15,479 7,878 26,605 7,319 6,073 20,203 6,073 6,073 6,073 6,382 13,107 40,403 5,478 16,819	14 157 13.119 7.323 14.457 39.337 6.512 5.342 22.962 5.759 8.475 18.124 25.810 29.660 11.667	10.405 11.146 6.014 6.441 27.948 4.533 3.467 14.874 8.636 9.645 15.502 22.623 14.748	7.681 5.475 3.753 3.964 17.55 3.367 3.454 5.643 3.454 6.470 6.784 8.508 20.622 17.371	10 532 4 065 3 88 3 541 7 866 3 552 6 302 6 302 7 806 7 807 7 806 7 807 7 806 7 807 7 806 7 807 7 806 7 807 7 807 7 807 8 7 807 7 807 807 7 807 7 807 8007 80	6,496 5,526 4,922 3,847 9,782 3,607 4,61 4,954 3,392 4,551 6,175 5,800 6,936	11 061 4.778 4.059 3.948 10 374 3.566 10 61 5.401 4.742 5.129 6.145 7.917 5.543 7.138	16 006 5.158 7.735 4 222 7 573 8 908 6 128 5.778 4 625 7.577 7 107 5 301 8 512	5137 4065 3530 3541 3395 3367 3454 4954 3300 4625 4571 6040 5391 6936	10 52 6.42 6.51 6.68 14 37 5 35 5.78 10 86 6.08 7 20 9.43 14 26 13 25 14.72
1996 1995 1994 1993 1992 1991 1990 1989 1989 1988 1987 1986 1985 1984 1983 1982 1983	22 468 5 137 6 005 3 535 5 99 3 99 4 777 5 351 4 476 7 140 5 202 6 040 5 202 6 040 5 202 6 058 1 2 452 10 581	7.297 5.592 4.871 3.53 5.76 3.395 6.126 5.253 6.904 6.464 7.371 4.823 7.420 7.059 7.657 10.921	7,569 8,375 5,239 6,768 7,116 6,726 6,737 7,7 10,563 5,758 10,634 12,045 14,265 14,265 8,470 9,461 24,184	33 863 11.417 5.784 10 859 13 288 10.715 5 259 5.782 21 31 12 17 11 599 18 937 24 620 11 957 17 569 22 087	19,733 5,788 15,479 9,878 26,675 26,675 7,319 6,073 20,203 10,713 6,382 13,107 40,403 5,478 16,819 27,510	14 157 13.119 7.323 14.457 39.337 6.512 5.342 22.962 5.759 8.475 18.124 25.810 29.660 11.667 13.614	10.405 11.146 6.014 6.441 27.948 4.533 3.467 14.874 8.636 9.646 15.502 22.623 14.748 8.705	7.681 5.475 3.753 3.964 17.55 3.367 3.454 5.643 3.454 6.470 6.784 8.503 20.622 17.371 7.159	10 532 4 (65 3 38 3 541 7 866 3 552 6 302 6 5 3 32 4 747 6 192 7 (04 6 192 7 (04 6 552 9 997 8 553	6,496 5,526 4,922 3,847 9,782 3,607 4,61 4,954 3,393 5,302 4,571 6,175 5,830 6,935 8,111	11 061 4.778 4.059 3.948 10 374 3.566 10 61 5.401 4.742 5.129 6.145 7.917 5.543 7.138 8.955	16 006 5.153 7.735 4 222 7 573 8 508 6 123 5.778 7 28 4 625 7.577 7 167 7 167 8 512 2 1 683	5.137 4.665 3.530 3.541 3.355 3.367 3.454 4.954 3.320 4.625 4.571 6.040 5.301 6.936 7.159	10 52 6.42 6.51 6.68 14 37 5 35 5.78 10 86 6.08 7 20 9 43 14 26 13 25 14.72 14 38
1996 1995 1994 1993 1992 1991 1990 1989 1988 1987 1988 1985 1985 1985 1984 1983 1582 1981 1980	22 468 5 137 6 005 3 535 5 99 3 94 5 139 4 777 5 351 4 46 7 140 5 202 6 040 6 980 6 12 452 10 581 5 522	7.297 5.592 4.811 3.53 5.76 6.126 5.251 6.904 6.464 7.371 4.823 7.420 7.659 7.657 10.921 8.043	7,569 8,375 5,239 6,768 7,116 6,726 6,337 7,7 10,563 5,758 10,634 12,045 14,263 8,470 9,461 24,184 14,485	33 863 11.417 5.784 10 859 13 288 10.715 5 259 5.782 21 31 12 17 11 599 18 937 24 620 11 957 17 569 22 087 27 063	19,733 5.788 15,479 9,878 26,605 7,319 6,073 20,203 10,713 6,382 13,107 40,403 5,478 16,819 27,510 45,883	14 157 13.119 7.323 14.457 39.337 6.512 5.342 22.962 5.759 8.475 18.124 25.810 29.660 11.667 13.644 21.123	10.405 11.146 6.014 6.441 27.948 4.533 3.457 14.874 5.677 8.636 9.645 15.502 22.623 14.748 8.705 13.726	7.681 5.475 3.753 3.964 17.55 3.367 3.454 5.643 3.404 6.470 6.784 8.508 20.622 21.7371 7.159 20.652	10 532 4 (65 3 38 3 541 7 866 3 552 6 302 6 5 3 32 4 747 6 192 7 004 6 59 9 977 8 558 7 482	6,496 5,526 4,922 3,847 9,782 3,607 4,61 4,954 3,393 5,302 4,571 6,175 5,800 6,935 8,111 10,228	11 061 4.778 4.059 3.948 10 374 3.566 10.61 5.401 4.742 5.129 6.145 7.917 5.543 7.138 8.955 1.4.840	16 006 5.158 7.735 4 222 7 573 8 508 6 128 5.778 7 28 4 625 7.577 7 167 5 301 8 512 2 1 683 18 049	5.137 4.665 3.539 3.541 3.395 3.367 3.454 4.954 3.320 4.625 4.571 6.030 5.3936 7.159 5.522	10 50 6 40 6 51 6 68 14 37 5 35 5 78 10 86 6 08 7 20 9 43 14 26 13 25 14 72 14 38 17 33
1996 1995 1994 4993 1992 1991 1990 1989 1989 1988 1987 1986 1985 1984 1983 1982 1983	22 468 5 137 6 005 3 535 5 99 3 99 4 777 5 351 4 476 7 140 5 202 6 040 5 202 6 040 5 202 6 058 1 2 452 10 581	7.297 5.592 4.871 3.53 5.76 3.395 6.126 5.253 6.904 6.464 7.371 4.823 7.420 7.059 7.657 10.921	7,569 8,375 5,239 6,768 7,116 6,726 6,737 7,7 10,563 5,758 10,634 12,045 14,265 14,265 8,470 9,461 24,184	33 863 11.417 5.784 10 859 13 288 10.715 5 259 5.782 21 31 12 17 11 599 18 937 24 620 11 957 17 569 22 087	19,733 5,788 15,479 9,878 26,675 26,675 7,319 6,073 20,203 10,713 6,382 13,107 40,403 5,478 16,819 27,510	14 157 13.119 7.323 14.457 39.337 6.512 5.342 22.962 5.759 8.475 18.124 25.810 29.660 11.667 13.614	10.405 11.146 6.014 6.441 27.948 4.533 3.467 14.874 8.636 9.646 15.502 22.623 14.748 8.705	7.681 5.475 3.753 3.964 17.55 3.367 3.454 5.643 3.454 6.470 6.784 8.503 20.622 17.371 7.159	10 532 4 (65 3 38 3 541 7 866 3 552 6 302 6 5 3 32 4 747 6 192 7 (04 6 192 7 (04 6 552 9 997 8 553	6,496 5,526 4,922 3,847 9,782 3,607 4,61 4,954 3,393 5,302 4,571 6,175 5,830 6,935 8,111	11 061 4.778 4.059 3.948 10 374 3.566 10 61 5.401 4.742 5.129 6.145 7.917 5.543 7.138 8.955	16 006 5.153 7.735 4 222 7 573 8 508 6 123 5.778 7 28 4 625 7.577 7 167 7 167 8 512 2 1 683	5.137 4.665 3.530 3.541 3.355 3.367 3.454 4.954 3.320 4.625 4.571 6.040 5.301 6.936 7.159	10 50 6 40 6 51 6 68 14 37 5 35 5 78 10 86 6 08 7 20 9 43 14 26 13 25 14 72 14 38

Table B.1.5 Monthly Mean How Rate (1/4)

Table B.1.5 Monthly Mean Flow Rate (24)

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1990 6 +11 7 +2 2 +1 1 +12 2 +5 2 +4 1 +12 1 +15 3 +5 9 +5 1 +15 3 +5 9 +5 6 +50 5 +50 1 +15 1 +15 3 +5 9 +5 6 +50 50 5 +50 50	MOARAS	the second s		Mar	Ang	May	hun	61	A110	Seo	04	Nov	Bee		
1956 17.309 8.36 9.437 9.314 9.35 6.709 5.804 7.70 5.835 1.71 15.64 5.535 10.72 9.555 10.72 9.555 10.72 9.555 10.72 9.555 10.72 10.74 10.	1997														
1950 6.639 6.536 6.536 5.221 6.517 7.231 8.46 4.411 4.51 5.515 5.221 6.21 6.335 1951 7.541 8.640 4.811 4.515 5.515 5.525 5.62 4.431 4.515 5.515 5.525 5.624 4.131 5.515 5.525 5.624 4.131 5.515 5.525 5.624 4.131 6.643 3.663 3.625 3.623 3.643 <td></td>															
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	1994	7 564	6 506	5 873	5 2 2 1	4 571				4.457	5 1 55	5 2 2	5.62		
	1993	न नहे।	4 621	6 691	9 2 2 5	13 353	9.453	6.432	4 891	5.186	4815	5.07	8 855	4 40)	6 881
	1992	6.417	6 095	6187	8 29	6311	14,268	6 03	5.02	4172	4343	4614	4 873	4172	6 371
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	1991	5 932	4 8 4 5	6 665	9668	22 502	26 823	26.043	15 024	6.088	5 585	9 571	6849	4 8 4 5	12 183
					5347	6 398	6 406	3 966			3.467	3 519	10.681	3.065	4 966
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$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	1991	1 92	2 651	3 3 31	6.097	15 502	19 512	1424	8 078	2 063	1.862	44	2 987	1 862	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	1990	0.663	0.962	1.695	2 23	3.43	2 68	1 323	0 505	0 371	0.497	0 278	5 172	0 278	1 551
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	1989	0.468	0726	2 697	0 872	3 226	2 952	1.029	0.955	0 801	0.531	2 439	0 892	0.468	1.468
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$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	1978	2 0 2 2	7.120	7.368	10 239	12 089	10104	6.189	3.079	4 56 1	2 8 3 4	4.620	4.687	2 0 2 2	6 2 2 3
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1583 0.938 0.825 0.607 0.595 0.553 3.722 1.412 2.400 0.619 0.537 0.874 0.945 0.537 1.169 1982 1.010 0.835 1.439 1.523 1.725 1.512 1.141 1.181 0.975 0.829 0.895 1.175 0.829 1.175 0.829 1.175 0.829 1.175 0.829 1.175 0.829 1.175 0.829 1.175 0.829 1.175 0.829 1.175 0.829 1.175 0.829 1.175 0.829 1.175 0.829 1.175 0.829 1.175 0.829 1.187 1981 2.097 3.047 2.924 2.522 2.570 1.734 1.437 1.946 1.232 1.426 1.551 2.606 1.232 2.087 1980 0.959 1.510 2.187 4.006 12.202 1.676 1.674 1.720 0.711 1.009 2.042 5.1.49 0.711 2.922															
1982 1010 0.835 1.439 1.523 1.725 1.512 1.141 1.181 0.975 0.829 0.895 1.175 0.829 1.175 0.829 1.175 0.829 1.175 0.829 1.175 0.829 1.175 0.829 1.175 0.829 1.175 0.829 1.175 0.829 1.189 1981 2.097 3.047 2.924 2.522 2.570 1.734 1.437 1.946 1.232 1.426 1.551 2.606 1.232 2.087 1980 0.959 1.510 2.187 4.006 12.202 1.676 1.674 1.720 0.711 1.009 2.042 5.149 0.711 2.922 1979 0.731 1.413 0.736 1.193 0.783 1.288 3.411 1.882 0.668 0.519 0.592 0.588 0.519 1.151 1978 0.411 1.961 2.259 2.248 2.173 1.971 2.15 0.558 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>															
1981 2 097 3 047 2 924 2 522 2 570 1.734 1.437 1 946 1 232 1.426 1 551 2 606 1 232 2 087 1980 0 959 1.510 2 187 4.006 1 2 202 1.616 1 674 1.720 0 711 1 009 2 042 5.140 0.711 2 922 1979 0 731 1.413 0.736 1 193 0 783 1 288 3 411 1 882 0 668 0.519 0 592 0 588 0 519 1 151 1978 0.411 1 961 2 259 2 248 2 1 73 1 974 1 245 0 558 0 658 0.530 0 726 1.477 0.414 1 360															
1980 0.959 1.510 2.187 4.006 12.202 1.676 1.674 1.720 0.711 1.009 2.042 5.140 0.711 2.922 1979 0.731 1.413 0.736 1.193 0.783 1.288 3.411 1.882 0.668 0.519 0.592 0.588 0.519 1.151 1978 0.411 1.961 2.259 2.248 2.173 1.974 1.245 0.558 0.658 0.530 0.726 1.477 0.414 1.360															
1979 0.731 1.413 0.736 1.193 0.783 1.288 3.411 1.882 0.668 0.519 0.592 0.588 0.519 1.151 1978 0.411 1.961 2.259 2.248 2.173 1.974 1.245 0.558 0.630 0.726 1.477 0.414 1.360															
1978 0.411 1.961 2.259 2.248 2.178 1.971 1.245 0.558 0.688 0.630 0.726 1.477 0.414 1.360															
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CHEIA SIa	Jan	5) Feb	Mar	Apr	May	hin	Jal	Ang	Sep	Oct	Nov.	Dec	() Min	'nit (03/3) Mean
1997	0 479	0391	0.415	16	1 54	0 59	0 935	1.44	1 23	0 8 2 5	0622	1.12	0 394	0.978
1996	0 537	0.428	0.41.4	1 571	1 61	0 503	0 433	0.415	0.875	0.51	0.579	1.117	0 41 4	0 700
1995	0 268	0 508	0.687	0.836	1 26	1 289	0.788	0.567	0.636	0.424	0611	0.703	0.268	0.713
1994	0 562	0.324	0 557	0.461	0.458	1 575	0.551	0 43 1	631	0311	0.289	0 289	0.289	0.514
1993	0 304	0.28	0.805	1.32	1 075	0.609	0.435	0 3 16	0315	0 38 \$	03#1	0.585	0.280	0 568
1992	0 667	0.429	0 961	1.751	0 965	1 392	0742	0517	0 376	0 305	0 303	0 268	0.268	0.723
1991	0.4%	0 301	0.999	1 1 7 4	2 411	3 (9	2.468	164	1138	1169	1 356	0.977	0 301	1.424
1990	0319	0 4 4 4	0 5 4 1	0 556	0.953	0 \$89	0 473	0 285	0 239	0.530	0 23 \$	Q 686	0 23 1	0 489
1989	0 259	0.423	0.975	0.521	0 571	0 459	0.308	0 255	0.489	0 329	0.633	0 395	0 255	0.468
1988	036	035	0813	1.913	1 191	1 663	1.114	0 6 1 7	0 727	0.486 0179	0.29	035 0473	0 290	0.812
1987	0183	0 237	0 282 0 432	1 011 0.482	0.807	0 396 0 243	0 321 0 230	0151 0195	0158 0173	0172	0 264 0 148	0164	0151 0145	0 372 0 231
1986 1985	0.158 0.133	0.145 0.142	0.432	0.432	0 223 0 273	1.304	0 475	0399	0 262	0 219	0 210	0 309	0133	0 402
1584	0189	0170	0 283	0 908	1 204	0.733	0.448	0 303	0 2 2 3	0169	0 205	0133	0133	0 415
1983	0 545	0314	0 377	0.624	0 517	0 420	0 551	0.491	0.417	0311	0.165	0314	0.265	0 435
1982	0 5 4 5	0314	0 377	0 694	0 517	0 420	0 551	0.491	0.417	0 311	0.265	0 31 4	0 265	0 436
1981	0 326	0.329	0 939	0 551	1.023	0 545	0.371	0 272	0.411	0 391	0.511	0777	0 272	0 539
1980	0 206	0 224	0 373	0874	1 072	0.654	0 595	6.420	0 294	0 397	0 516	0.504	0 206	0 512
1979	0.405	0 396	0 423	0 636	0 379	0.467	0 622	0 521	0 296	0 2 4 0	0 275	0 257	0 240	0.410
1978	0.197	0 357	0 521	0 5 1 8	0 535	0 603	0.547	0 358	0 580	0 365	0 367	0 396	0.197	0.448
													0133	
CROSIA	Station (11)	1210)											a	init m3/s)
COBENA	Jan.	Feb.	Mar	Apr	May	Jun	Jul	Aug	Sep	<u>Ou</u>	Nov	Dec	Min	Mean
1997	4 69	3 38	4.01	15.9	21	137	108	21.7	11	6.82	515	9 88	3 380	10.723
1996	11.51	5.596	5 049	17.813	13 695	6 968	4,788	4 586	7.571	4.958	5,422	10.704	4 586	8 230
1995	2 838	3.605	5 555	9867	20.803	14 983	8 295	7.405	9.062	5.191	7.941	10181	2 838	8 835
1994	4.47	3174	3 573	4 683	5.703	12 065	9 854	5.183	3.712	5.11	4129	2 985	2 586	5 397
1993	1.731	1.67	4 661	10.496	16 7 5 5	7.976	6 02	3 8 2 5	3.687	3812	314	6 051	<b>i</b> 670	5 8 17
1992	391	3.645	5 041	H.765	6 886	12 386	5 92	3.744	3.028	3.086	2 69	2 7.16	\$ 569	5 388
1991	2 5 4 4	1.935	5.186	924	19 586	23 84	17.935	12 773	6.043	6165	6,759	5.659	1 935	9801
1990	3,469	3 79	4.515	4 40)]	7.958	5.78	4 357	2945	2 467	2 013	18	6817	1 800	4 202
1989	2165	2 703	5.76	5 812	7.084	6 874 17,609	4 555 15.995	4 378 5.973	8,62 5,817	4 891 3.692	9 273 3 099	4 273 3 226	2 165 2 883	5.532 8.045
1988 1987	2 888 1.931	3.055 3.795	6.438 2.882	15.06 11 214	13 506 9.659	6.027	5.4)	3 372	261	2 3 4 1	2917	5 508	1 931	4,809
1986	2.795	4.012	6 885	7.911	4 725	6 805	5.833	4954	3.695	3.167	2 8 3 9	1 890	1 890	4 624
1985	2 985	2 490	7 265	16.490	10 918	13 967	8 1 9 1	6151	5.492	3 79 \$	4 093	3 350	2 490	7.105
1984	2 7 3 7	4 2 3 1	6 8 2 2	11.429	24135	15,837	11 653	6 878	5.680	3 820	4 241	2 7 7 2	2 737	8 377
1983	3 502	4 21 0	6 307	8.413	5.079	24.166	15 234	13 579	5 516	3 595	2 785	2 529	2 529	7 91 5
1982	8 335	3 959	5.066	11.610	11.639	10.625	12850	14129	7.166	4,770	4 428	6.187	3 959	8.433
1981	5 3 49	5.071	11 485	12184	17.965	15.472	8.752	6 610	6 613	6,475	5671	15.171	\$ 071	9,770
1980	3 306	4 646	7.120	16 333	26.477	15.757	13.477	13.871	5195	7.379	9 514	9.445	3 306	11.089
1979	6834	7.943	6 31 2	12 568	9816	19.557	15 500	12 821	6 653	4 (83	3 804	3 203	3 203	9.687
1978	2.444	5.615	7.649	8.445	12 955	13 935	13.035	6 527	9.766	5.615	4 883	6162	2 444	\$ (**3
·														
ADINCAT	FA Station (	111220)												Unit of 'a)
	Jan	Feb	Mar.	Арт.	May	Jon.	fut	Aug	Sep	Oci	Nev.	Dec	Min	Mean
1997	20 3	18 6	17.4	61 2	46.7	346	25 2	83.5	326	241	23.6	55.5	17.490	37.081
1996	46 497	20.107	19.761	60 827	41.781	20.9	16.781	12813	20.1	15 268	17.407	35 429	12813	27,423
1995	13 306	13 829	15.325	19,873	29 594	22 463	19.848	32 577	19.51	14.645	15 683	27 59	12 577 9 945	18 956
1994	16965	14,407	12913	13 25	12 765	22 92 22 617	18 894 14.065	10.893 10.126	9.945 9.974	12 044	11.463 10.812	12 606 18 629	9.913	14.083 16.521
1993 1992	10.052 15.7	10-027 14-21	15 397 15.487	26,797 25,44	37 235 18 642	37.45	14.065	11 392	8.952	12 021	11.123	11 295	8.952	16 384
1992	13.19	12 293	17.519	24.443	51 239	17.45 79.46	74 371	41.055	18.96	19.377	25 63	18.613	12 293	33,138
1990	12.004	14 207	13 961	135	15.568	16.667	10173	7.881	7.848	8.706	9 0 9 6	21 819	7813	12 615
1989	12 004	12143	17.242	13.573	14813	13.697	9 903	8,775	13.273	11.587	18 947	13 248	8.776	13 259
1988	13.09	21 217	34.429	53 31	38 69 1	52 527	27,423	13 571	14377	12 565	13 377	13.835	12.565	25.651
1987	10.737	14.921	12 452	25 297	20 987	13 267	13 571	2.971	7.376	9.257	12 66	18.732	7.376	13.920
1986	16 252	21.400	27.984	25.650	13.775	17.071	15119	13 390	10101	12132	11 273	11 173	10.161	16 188
1985	15.403	15.982	41.677	44,493	30.432	35 194	23 045	14616	14 247	11.142	13 360	16 5?4	11 142	23 107
1984	16 365	23 586	38.055	\$4.317	73.719	56.017	35 581	19 958	15.760	13187	18,150	15 861	13 187	3£.732
1983	15 835	15 675	18 16	23 \$67	12 053	59.440	44.710	42 200	15 527	14 003	14123	12 506	12 (653	24 030
1982	30.413	20 6 29	23.029	36 930	33.774	25 123	33.413	30 242	23 51 3	16674	18 010	21 881	16 674	26184
1981	34.713	45.743	55.700	53.020	57,006	32 483	21 590	19.300	21 273	20.987	23 703	46 432	19 300	35.953
1980	19671	28 207	35.084	66.737	98 387	45 353	32 339	43 365	19 953	29.529	37.840	45 (8)	19 671	41 218
1979	17.603	29 350	20 861	40.717	25.706	59.827	621(3	43 000	22 380	17 381	19 350	19.671	17 381 10 977	31.901
1978	0.977	26 393	33 719	38 923	42 645	39.233	28 516	12 290	18 980	15.900	16 113	20.248	7.376	25 3 5
													<b></b>	

Table B.1.5 Monthly Mean Flow Rate (3/4)

AZUGA S	tation (TTT-												a	Init m3's)
	Jan	Feb.	Mar.	Apr	May	Jun.	Ju	Aug	Sep	Oct	Nov.	Dec	Mur	Mean
1997	0 576	0 292	0.445	15	5.72	2 26	1 81	4 3 2	1 97	1.16	0 685	1.56	0 292	874
1996	1 386	0.382	0.402	1 611	2 617	1.043	1.075	1.067	1.459	1.110	0858	1.377	Q 382	1 205
1995	0140	0172	0.466	3 313	4.161	2019	1818	0918	1 384	0 8 2 5	0.919	0.950	0140	1.429
1994	0 300	0244	0 318	0716	1.137	2163	1 203	0 299	0 301	0 299	0.155	0.178	0.155	0 610
1993	0.187	0.144	0546	1.191	3.114	1.502	0 690	0.416	0 3 26	0 307	0.264	0 359	0.144	0.758
1992	Q 407	0 302	0 513	3.099	£ 349	2.490	1.121	0.466	0276	0 291	0 226	0 21 3	0 213	0 894
1991	0 206	0.160	0513	1 920	3 838	6 3 4 8	<b>3 \$</b> 3\$	2 1 5 1	1 166	1.319	1.420	0.699	0160	1 971
1920	0.642	0 580	1 361	1118	1.619	1.338	0.780	0.463	0.406	0 295	0.229	1.668	0 2 2 9	Ø 828
1989	0180	0 372	1.497	1.741	1 821	1.324	0819	0.639	2 562	1.090	2 257	0 983	0180	1 274
1983	0 376	0 332	0444	4 071	5.235	4 656	3 29	0 834	1.184	0.478	0 372	0312	0 31 2	1.802
1987	0 303	0.364	0 597	3152	2 91 5	1.183	0 962	0.438	0 327	0.372	0.656	0 686	0 303	0 998
1985	0 358	0 31 5	0 968	2 973	1 229	2 011	2 507	1.550	0.746	0 511	0.479	0 322	0 31 5	1 167
1985	0.082	0154	0335	5 593	2.488	5 224	2666	2 279	1.720	0.704	0 566	0.745	0.082	1 874
1984	0 095	0103	0311	3 035	9 326	3940	3 060	1.164	0.785	0 589	0 377	0.127	0.095	1.923
1983	0.449	0 528	2 069	3.010	1.172	3115	3 299	4,795	1 247	0 657	0 284	0.156	0.156	1,740
1982	1 908	0739	0 591	3.695	4 258	2 673	3 3 4 4	2 875	1.620	0.920	0 632	0 881	0.591	2 020
1981	0 831	0.406	3418	3 991	6 395	3 434	1 813	2188	3 194	2 106	2 0 4 2	3 351	0.406	2 783
1980	0 24)	0 208	0 537	3 387	6 8 3 3	3.961	2 943	3171	1.273	2 323	2 093	1.493	0 20\$	2 387
1979	1 195	1 503	1 812	3 8 4 3	3 265	3 023	3,465	3 513	1.465	0.769	0.637	0 525	0.525	2 ()88
1978	0.491	0.955	1 874	3142	3.609	3,782	3 383	1 649	3 552	1.755	1.068	1.066	0.491	2196
													0.082	
BUSTEN	Station (11	1505)											a	mit.m3/s)
	Jun.	1505) Feb.	Mar.	Apr	May	Јол.	Jal	Aug	Sep.	Oct	Nov.	Dec.	(1 Min	'nit.m3's) Mean
BUSTEN 1997		Feb. 0184	Mar. 0 257	Apr 0.795	May 1 21	Jun. 0 825	Jul 1 2	Aug 1.77	Sep.	Oct 0 632	Nov. 0.415	Dec.		
	Jun.	Feb.											Min	Mean
1997 1996 1995	Jun. 0 228 0.484 0.067	Feb. 0184 0229 0126	0 257 0 1 3 3 0 3 0 5	0.795	1 21	0 8 2 5	12	1.77	1.25	0 632	0.415	0.521	Min. 0.184	Mean 0.778
1997 1996 1995 1991	Jan. 0 228 0.484 0.067 0 209	Feb. 0184 0229 0126 0154	0 257 0 1 3 3	0.795 0.685	1 21 0.689	0 825 0 378	1 2 0 3%6	1.77 0 329	1.25 0.431	0 632 0 359	0.415 0 393	0.521 0.633	Min. 0.184 0.133	Mean 0.778 0.434
1997 1996 1995 1994 1993	Jan. 0 228 0.484 0.067 0 209 0 082	Feb. 0184 0229 0126 0154 0078	0 257 0 1 33 0 306 0 2 36 0 3 4 4	0.795 0.685 0.479 0.288 0.653	1 21 0.689 0.658 0.339 0.658	0 825 0 378 0 732 0 92 0.326	1 2 0 3% 0 912	1.77 0 329 0 527	1.25 0.481 0.533	0 632 0 359 0 376	0.415 0 393 0 36	0.521 0.633 0.407	Min. 0.184 0.133 0.067	Mean 0.778 0.434 0.459
1997 1996 1995 1994 1993 1992	Jun 0 228 0 484 0 067 0 209 0 082 0 181	Feb 0184 0229 0126 0154 0078 0127	0 257 0 133 0 306 0 236 0 344 0 224	0.795 0.685 0.479 0.288 0.653 0.559	1 21 0.689 0 658 0 339 0.658 0.307	0 825 0 378 0 732 0 92 0.326 0 619	1 2 0 356 0 912 0 701 0 327 0 355	1.77 0 329 0 527 0 469	1.25 0.481 0.533 0.258	0 632 0 359 0 376 0 226	0.415 0 393 0 36 0.158	0.521 0.633 0.407 0.084	Min. 0.184 0.133 0.067 0.084	Mean 0.778 0.434 0.459 0.338
1997 1998 1995 1994 1993 1992 1991	Jun. 0 228 0.484 0.067 0 209 0 682 0.181 0 095	Feb 0184 0229 0126 0154 0078 0127 0.066	0 257 0 133 0 306 0 236 0 344 0 224 0.17	0.795 0.685 0.479 0.288 0.653 0.559 0.517	1 21 0.689 0 658 0 339 0.658 0.307 1.093	0 825 0 378 0 732 0 92 0 326 0 619 2 686	1 2 0 3%6 0 912 0 701 0 327 0 355 1 621	1.77 0 329 0 527 0 469 0 258 0 258 0 254 0 837	1.25 0.481 0.533 0.258 0.214	0 632 0 359 0 376 0 226 0 258	0.415 0 393 0 36 0.158 0.192	0.521 0.633 0.407 0.084 0.284	Min. 0.184 0.133 0.067 0.084 0.078	Mean 0.778 0.434 0.459 0.338 0.308
1997 1996 1995 1994 1993 1992 1991 1991 1990	Jun. 0 228 0.484 0.067 0 209 0 082 0.181 0 095 0 195	Feb. 0184 0229 0126 0154 0078 0127 0.066 027	0 257 0 133 0 306 0 236 0 344 0 224 0 17 0 319	0.795 0.685 0.479 0.288 0.653 0.559 0.517 0.274	1 21 0.689 0 658 0 339 0.658 0.307 1.093 0.494	0 825 0 378 0 732 0 92 0.326 0 619 2 086 0 302	1 2 0 3%6 0 912 0 701 0 327 0 355 1.621 0 226	1.77 0 329 0 527 0 469 0 258 0 254 0 837 0 152	1.25 0.481 0.533 0.258 0.214 0.156 0.436 0.118	0 632 0 359 0 376 0 226 0 258 0 169 0 528 0 096	0.415 0.393 0.36 0.158 0.192 0.15 0.444 0.077	0.521 0.633 0.407 0.084 0 284 0 166 0 289 0 289 0 242	Min. 0.184 0.133 0.067 0.084 0.078 0.127	Mean 0.778 0.434 0.459 0.338 0.308 0.275 0.685 0.231
1997 1996 1995 1994 1993 1992 1991 1991 1990 1989	Jun. 0 228 0.484 0.067 0 209 0 682 0.181 0 095 0 195 0.412	Feb. 0184 0229 0126 0154 0078 0127 0666 027 0202	0 257 0 133 0 306 0 236 0 344 0 224 0 17 0 319 0 306	0.795 0 686 0.479 0 288 0.653 0 559 0 517 0 274 0 314	1 21 0.689 0 658 0 339 0.658 0.307 1.093 0.494 0.422	0 825 0 378 0 732 0 92 0 326 0 649 2 686 0 302 0 398	1 2 0 3%6 0 912 0 701 0 327 0 355 1 621 0 226 0 267	1.77 0 329 0 527 0 469 0 258 0 254 0 837 0 152 0 285	1.25 0.481 0.533 0.258 0.214 0.156 0.436 0.118 0.604	0 632 0 359 0 376 0 226 0 258 0 169 0 528 0 096 0.403	0.415 0.393 0.36 0.158 0.192 0.15 0.444 0.077 0.523	0.521 0.633 0.407 0.084 0.284 0.166 0.289 0.289 0.242 0.291	Min. 0.184 0.133 0.067 0.084 0.078 0.127 0.066 0.077 0.112	Mean 0.778 0.434 0.459 0.338 0.308 0.275 0.685 0.231 0.344
1997 1996 1995 1994 1993 1992 1991 1990 1989 1989	Jun. 0 228 0 484 0 067 0 209 0 682 0 181 0 095 0 195 0 112 0 144	Feb.           0184           0229           0126           0154           0078           0127           0.666           027           0202           0.122	0 257 0 133 0 306 0 236 0 344 0 224 0.17 0 319 0 306 0 226	0.795 0.685 0.479 0.288 0.653 0.559 0.517 0.274 0.314 0.892	1 21 0.689 0 658 0 339 0.658 0.307 1.093 0.494 0.422 0.734	0 825 0 378 0 732 0 92 0.326 0 649 2 686 0 302 0 398 1 564	1 2 0 3 36 0 9 1 2 0 701 0 3 27 0 3 55 1 6 21 0 2 26 0 261 2 2 28	1.77 0 329 0 527 0 469 0 258 0 254 0 837 0 152 0 285 0.764	1.25 0.481 0.533 0.258 0.214 0.155 0.436 0.118 0.604 0.49	0 632 0 359 0 376 0 226 0 258 0 169 0 528 0 096 0 403 0 231	0.415 0.393 0.36 0.158 0.192 0.15 0.444 0.077 0.523 0.171	0.521 0.633 0.407 0.084 0.166 0.289 0.242 0.291 0.156	Min. 0.184 0.133 0.067 0.084 0.078 0.127 0.066 0.077 0.122 0.122	Mean 0.778 0.434 0.459 0.338 0.308 0.275 0.685 0.231 0.344 0.646
1997 1996 1995 1994 1993 1992 1991 1990 1989 1988 1987	Jun. 0 228 0 484 0 067 0 209 0 682 0 181 0 095 0 195 0 195 0 112 0 144 0 075	Feb.           0184           0229           0126           0154           0078           0127           0.066           027           0.202           0.122           0.122           0.122	0 257 0 133 0 306 0 236 0 344 0 224 0 17 0 319 0 306 0 226 0 132	0.795 0.685 0.479 0.288 0.653 0.559 0.517 0.274 0.314 0.892 0.524	1 21 0.689 0 658 0 339 0.658 0.307 1.093 0.494 0.422 0.734 0.496	0 825 0 378 0 732 0 92 0.326 0 619 2 686 0 302 0 398 1 564 0 281	1 2 0 3 36 0 9 1 2 0 701 0 3 27 0 3 55 1 6 21 0 2 26 0 26 7 2 2 28 0 4 1 4	1.77 0 329 0 527 0 469 0 258 0 254 0 837 0 152 0 285 0.764 0 26	1.25 0.481 0.533 0.258 0.214 0.155 0.436 0.118 0.604 0.49 0.133	0 632 0 359 0 376 0 226 0 258 0 169 0 528 0 096 0 403 0 231 0 093	0.415 0.393 0.36 0.158 0.192 0.15 0.444 0.077 0.523 0.171 0.126	0.521 0.633 0.407 0.084 0.166 0.289 0.242 9.291 0.156 0.231	Min. 0.184 0.133 0.067 0.084 0.078 0.127 0.066 0.077 0.112 0.122 0.075	Mean 0.778 0.434 0.459 0.338 0.308 0.275 0.685 0.231 0.344 0.646 0.243
1997 1996 1995 1994 1993 1992 1991 1990 1989 1988 1987 1988	Jun. 0 228 0.484 0.067 0 209 0 082 0.181 0 095 0 195 0 195 0 144 0 075 0.152	Feb.           0184           0229           0126           0154           0078           0127           0.066           027           0.202           0.122           0.122           0.111           0.315	0 257 0 133 0 306 0 236 0 344 0 224 0 17 0 319 0 306 0 226 0 132 0 212	0.795 0.685 0.479 0.288 0.653 0.559 0.517 0.274 0.314 0.892 0.524 0.418	1 21 0.689 0 658 0 339 0.658 0.307 1.093 0.494 0.422 0.734 0.426 0.253	0 825 0 378 0 732 0 92 0 326 0 619 2 086 0 302 0 398 1 564 0 281 0 341	1 2 0 356 0 912 0 701 0 327 0 355 1.621 0 226 0 267 2 228 0.444 0 385	1.77 0 329 0 527 0 469 0 258 0 254 0 837 0 152 0 285 0.764 0 26 0 376	1.25 0.481 0.533 0.258 0.214 0.156 0.436 0.118 0.604 0.49 0.133 0.246	0 632 0 359 0 376 0 226 0 258 0 169 0 528 0 096 0 403 0 231 0 093 0 178	0.415 0.393 0.36 0.158 0.192 0.15 0.444 0.077 0.523 0.171 0.126 0.140	0.521 0.633 0.407 0.084 0.284 0.166 0.289 0.242 0.291 0.156 0.231 0.079	Min. 0.184 0.133 0.067 0.084 0.078 0.127 0.066 0.077 0.112 0.122 0.075 0.079	Mean 0,778 0,434 0,459 0,338 0,308 0,275 0,685 0,231 0,344 0,646 0,243 0,242
1997 1996 1995 1994 1993 1992 1991 1990 1999 1989 1989 1988 1987 1985	Jan 0 228 0 484 0 067 0 209 0 682 0 181 0 095 0 412 0 144 0 075 0 152 0 145	Feb.           0184           0223           0126           0154           0078           0127.           0466           027           04062           0120           0122           0112           0112           0115           0131	0 257 0 133 0 306 0 236 0 344 0 224 0 17 0 319 0 306 0 226 0 132 0 212 0 182	0 795 0 686 0 479 0 288 0 653 0 559 0 517 0 274 0 314 0 892 0 524 0 418 0 985	1 21 0.689 0 658 0 339 0.658 0.307 1.093 0.494 0.494 0.734 0.496 0 253 0 595	0 825 0 378 0 732 0 92 0 326 0 649 2 686 0 302 0 398 1 564 0 281 0 341 0 806	1 2 0 336 0 912 0 701 0 327 0 355 1 621 0 226 0 267 2 228 0 414 0 385 1 006	1.77 0 329 0 527 0 469 0 258 0 254 0 837 0 152 0 285 0.764 0 26 0 376 0 673	1.25 0.431 0.533 0.258 0.214 0.155 0.436 0.118 0.604 0.439 0.133 0.246 0.380	0 632 0 359 0 376 0 226 0 258 0 169 0 528 0 096 0 403 0 231 0 693 0 178 0 173	0.415 0.393 0.36 0.158 0.192 0.15 0.444 0.077 0.523 0.171 0.126 0.140 0.192	0.521 0.633 0.407 0.084 0.284 0.166 0.289 0.242 0.294 0.156 0.231 0.079 0.208	Min 0.184 0.133 0.067 0.054 0.078 0.127 0.066 0.077 0.112 0.122 0.075 0.079 0.131	Mean 0.778 0.434 0.459 0.338 0.308 0.275 0.685 0.231 0.344 0.646 0.243 0.242 0.458
1997 1996 1995 1994 1993 1992 1991 1990 1999 1989 1989 1988 1987 1985 1985	Jun 0 223 0 484 0 067 0 209 0 682 0 181 0 095 0 195 0 195 0 141 0 0152 0 145 0 152 0 145 0 (\$5	Feb           0184           0239           0126           0154           0678           0127           0666           027           0202           0122           0112           0202           0122           0115           0131           0068	0237 0133 0305 0236 0344 0224 017 0319 0305 0226 0132 0212 0182 0113	0.795 0.685 0.479 0.288 0.653 0.559 0.517 0.274 0.314 0.892 0.524 0.418 0.985 0.839	1 21 0 689 0 658 0 339 0 658 0 307 1 093 0 494 0 494 0 494 0 492 0 734 0 496 0 253 0 595 1 420	0 825 0 378 0 732 0 92 0 326 0 649 2 686 0 302 0 393 1 564 0 328 0 341 0 806 1 282	1 2 0 396 0 912 0 701 0 327 0 355 1 621 0 266 0 267 7 228 0 414 0 385 1 .006 8 177	1.77 0 329 0 527 0 469 0 258 0 254 0 837 0 152 0 285 0 754 0 265 0 764 0 266 0 376 0 673 0 630	1.25 0.431 0.533 0.258 0.214 0.155 0.435 0.435 0.435 0.436 0.439 0.439 0.439 0.439 0.245 0.380 0.295	0 632 0 359 0 376 0 225 0 258 0 169 0 528 0 096 0 403 0 231 0 093 0 178 0 173 0 181	0.415 0.393 0.35 0.158 0.192 0.15 0.444 0.077 0.523 0.171 0.126 0.140 0.192 0.241	0 521 0 633 0 407 0 684 0 284 0 166 0 289 0 242 9 294 0 156 0 231 0 679 0 208 0 158	Min 0.184 0133 0.067 0.084 0.078 0.127 0.066 0.077 0.112 0.122 0.075 0.079 0.131 0.068	Menn 0.778 0.434 0.459 0.338 0.308 0.275 0.685 0.231 0.344 0.646 0.243 0.242 0.458 0.543
1997 1996 1995 1994 1993 1992 1991 1990 1999 1999 1989 1988 1987 1985 1984 1984	Jun 0 223 0 484 0 067 0 209 0 685 0 195 0 195 0 195 0 195 0 142 0 144 0 075 0 145 0 145 0 145 0 169	Feb           0184           0223           0126           0154           0075           0127           0066           027           0202           0112           0202           0111           0131           0068           0222	0 237 0 133 0 306 0 236 0 344 0 224 0 17 0 319 0 306 0 226 0 132 0 212 0 182 0 182 0 182 0 113 0 353	0.795 0.686 0.419 0.288 0.653 0.553 0.517 0.274 0.314 0.892 0.524 0.418 0.985 0.839 0.414	1 21 0.689 0 658 0 339 0 658 0.307 1.093 0.494 0.422 0.734 0.496 0 253 0 595 1.420 0 240	0 825 0 378 0 732 0 92 0 326 0 619 2 686 0 302 0 302 0 303 1 564 0 281 0 341 0 341 0 806 1 282 0 526	1 2 0 396 0 912 0 701 0 327 0 355 1 621 0 226 0 267 2 228 0 414 0 385 1 006 1 177 0 693	1.77 0 329 0 527 0 469 0 258 0 254 0 837 0 152 0 285 0.764 0 26 0 376 0 673 0 630 0 917	1.25 0.431 0.533 0.258 0.214 0.155 0.436 0.118 0.604 0.133 0.246 0.380 0.296 0.479	0 632 0 359 0 376 0 225 0 258 0 169 0 528 0 096 0 403 0 231 0 093 0 178 0 173 0 181 0 219	0.415 0.393 0.36 0.158 0.192 0.15 0.444 0.077 0.523 0.171 0.126 0.140 0.192 0.241 0.114	0 521 0 633 0 407 0 068 0 284 0 285 0 289 0 242 9 294 0 155 0 231 0 079 0 208 0 158 0 697	Min 0.184 0.133 0.067 0.068 0.127 0.066 0.077 0.112 0.122 0.075 0.075 0.075 0.075 0.131 0.068 0.097	Menn 0.778 0.434 0.459 0.338 0.308 0.275 0.685 0.231 0.344 0.646 0.243 0.242 0.458 0.543 0.372
1997 1996 1995 1994 1993 1993 1993 1993 1990 1989 1989 1988 1987 1985 1984 1984 1983	Jan 0 228 0 484 0 067 0 209 0 685 0 195 0 412 0 144 0 075 0 142 0 144 0 075 0 152 0 169 0 (85 0 169 0 473	Feb           0184           0223           0126           0154           0072           0127           0066           027           0202           0122           0110           0202           0112           0111           0115           0203           0215           0210	0 237 0 133 0 306 0 236 0 344 0 24 0 17 0 319 0 306 0 226 0 132 0 212 0 113 0 353 0 232	0.795 0.685 0.479 0.288 0.653 0.557 0.274 0.314 0.892 0.524 0.418 0.9839 0.839 0.414 0.621	1 21 0.689 0 658 0 339 0 658 0.307 1.093 0.494 0.422 0.734 0.496 0 253 0 595 1 420 0 240 0 615	0 825 0 378 0 732 0 92 0 326 0 619 2 685 0 302 0 302 0 302 0 303 1 564 0 281 0 344 0 806 1 282 0 526 0 501	1 2 0 396 0 912 0 701 0 327 0 355 1 621 0 266 2 228 0 444 0 385 1 006 1 177 0 653 0 858	1.77 0 329 0 527 0 469 0 258 0 258 0 258 0 258 0 258 0 258 0 285 0 285 0 764 0 266 0 376 0 630 0 630 0 917 0 894	1.25 0.431 0.533 0.258 0.214 0.155 0.436 0.436 0.436 0.118 0.604 0.49 0.133 0.246 0.330 0.296 0.479 0.436	0 632 0 359 0 376 0 226 0 258 0 169 0 528 0 096 0 403 0 231 0 093 0 178 0 173 0 173 0 219 0 237	0.415 0.393 0.36 0.158 0.192 0.159 0.454 0.077 0.523 0.171 0.126 0.140 0.192 0.241 0.114 0.114	0 521 0 633 0 407 0 (084 0 284 0 285 0 289 0 242 0 291 0 156 0 231 0 (079 0 205 0 158 0 (158 0 (251	Min 0.184 0.133 0.067 0.084 0.027 0.066 0.077 0.112 0.122 0.075 0.075 0.075 0.131 0.068 0.097 0.131	Menn 0.778 0.434 0.459 0.338 0.308 0.275 0.685 0.231 0.344 0.646 0.243 0.242 0.458 0.543 0.372 0.466
1997 1996 1995 1995 1995 1993 1993 1993 1990 1990 1990 1993 1983 1987 1985 1984 1985 1984 1982 1981	Jun 0 228 0 484 0 067 0 209 0 682 0 181 0 095 0 195 0	Feb           0184           0239           0126           0127           0668           0127           0666           027           0122           0123           0124           0131           028           029           0131           0222           0211           0154	0 237 0 133 0 306 0 236 0 344 0 224 0 132 0 306 0 226 0 132 0 212 0 182 0 182 0 182 0 182 0 353 0 232 0 590	0.795 0.686 0.479 0.288 0.653 0.557 0.274 0.314 0.892 0.524 0.418 0.985 0.835 0.839 0.414 0.621 0.562	1 21 0.689 0 658 0 339 0 658 0 307 1.093 0.491 0.422 0.734 0.496 0 253 0 595 1.420 0 249 0.615 0.797	0 825 0 378 0 732 0 92 0 326 0 619 2 636 0 302 0 302 0 302 0 302 0 303 1 564 0 281 0 311 0 806 1 282 0 526 0 501 1 059	1 2 0 396 0 912 0 701 0 327 0 355 1 621 0 226 0 267 2 228 0 414 0 385 1 006 8 1 107 0 698 0 858 1 238	1.77 0 329 0 527 0 469 0 258 0 254 0 837 0 152 0 285 0.764 0 26 0 376 0 673 0 673 0 6917 0 894 0 711	1.25 0.431 0.533 0.258 0.214 0.155 0.436 0.118 0.604 0.49 0.133 0.246 0.380 0.296 0.296 0.479 0.436 0.553	0 632 0 359 0 376 0 226 0 258 0 169 0 528 0 169 0 096 0 403 0 231 0 093 0 178 0 173 0 181 0 219 0 219 0 219	0.415 0.393 0.36 0.158 0.192 0.15 0.454 0.077 0.523 0.171 0.126 0.140 0.192 0.241 0.233 0.539	0 521 0 633 0 407 0 0684 0 284 0 166 0 289 0 242 0 291 0 156 0 231 0 079 0 208 0 156 0 231 0 079 0 208 0 156 0 158 0 607 0 251	Min 0.184 0133 0067 0084 0078 0127 0066 0077 0122 0122 0075 0079 0131 0068 0097 0131	Menn 0.778 0.434 0.459 0.338 0.275 0.685 0.231 0.344 0.646 0.243 0.242 0.458 0.543 0.372 0.466
1997 1996 1995 1995 1993 1992 1991 1990 1989 1989 1985 1985 1985 1985 1985 1985	Jun 0 228 0 484 0 067 0 209 0 682 0 181 0 095 0 195 0	Feb           0184           0239           0126           0127           0668           0127           0666           027           0120           0110           0115           0131           0068           0222           0111           0154           0154           0154           0154           0154	0 237 0 133 0 306 0 236 0 344 0 17 0 319 0 306 0 224 0 17 0 319 0 306 0 225 0 132 0 132 0 132 0 133 0 353 0 353 0 359 0 193	0.795 0.686 0.419 0.283 0.653 0.517 0.274 0.314 0.824 0.418 0.985 0.839 0.414 0.562 0.562	1 21 0.689 0 658 0 339 0 658 0 307 1.093 0 494 0.422 0.734 0.422 0.734 0.426 0.253 0 595 1.420 0 240 0.615 0.797 0 909	0 825 0 378 0 732 0 92 0 3649 2 685 0 302 2 685 0 302 0 398 1 564 0 281 0 344 0 806 1 282 0 526 0 526 0 526	1 2 0 396 0 912 0 701 0 355 1 621 0 226 0 267 2 228 0 414 0 385 1 006 1 177 0 698 0 858 1 238 0 677	1.77 0 329 0 527 0 469 0 258 0 254 0 254 0 285 0 765 0 376 0 673 0 630 0 917 0 894 0 711 0 559	1.25 0.431 0.533 0.258 0.218 0.258 0.436 0.436 0.118 0.604 0.133 0.246 0.350 0.296 0.439 0.436 0.435 0.436 0.435 0.328	0 632 0 359 0 376 0 226 0 228 0 169 0 528 0 096 0 403 0 231 0 096 0 173 0 178 0 173 0 181 0 219 0 253 0 553 0 553	0.415 0.393 0.36 0.158 0.155 0.444 0.077 0.523 0.171 0.120 0.140 0.140 0.142 0.244 0.114 0.239 0.505	0 521 0 633 0 407 0 684 0 284 0 289 0 242 0 291 0 156 0 289 0 242 0 291 0 156 0 231 0 679 0 208 0 158 0 679 0 208 0 158 0 697 0 251 0 6662 0 407 0 407 0 251 0 6662 0 407 0 407 0 251 0 6662 0 407 0 407 0 586 0 587 0 597 0 598 0 597 0 598 0 597 0 597 0 598 0 597 0 597	Min 0.184 0133 0 067 0 084 0 127 0 066 0 077 0 112 0 102 0 105 0 079 0 131 0 068 0 097 0 221 0 154 0 068	Menn 0.778 0.434 0.459 0.338 0.308 0.275 0.685 0.231 0.344 0.646 0.243 0.242 0.458 0.543 0.372 0.466 0.642 0.476
1997 1996 1995 1995 1993 1992 1991 1990 1989 1989 1989 1985 1985 1985 1984 1983 1984 1983 1982 1981 1980 1979	Jun 0 228 0 484 0 067 0 209 0 682 0 181 0 095 0 195 0	Feb           0184           0239           0126           0171           0668           027           0665           027           0202           0127           0184           027           0202           01202           0111           0115           0131           0068           0222           0210           0131           0154           0154           0284	0 237 0 133 0 306 0 236 0 344 0 17 0 319 0 306 0 224 0 17 0 319 0 306 0 226 0 122 0 182 0 113 0 353 0 232 0 532 0 592 0 592 0 592 0 193 0 302	0.795 0.686 0.419 0.288 0.653 0.559 0.517 0.274 0.314 0.892 0.524 0.525 0.839 0.414 0.621 0.525 0.625	1 21 0 689 0 658 0 339 0 658 0 307 1 .093 0 .494 0 .422 0 .734 0 .422 0 .734 0 .422 0 .734 0 .423 0 .595 1 .420 0 240 0 .615 0 .797 0 .909 0 .596	0 825 0 378 0 732 0 92 0 326 0 649 2 685 0 302 0 398 1 564 0 303 1 564 0 314 0 806 1 282 0 526 0 501 1 050 1 0 694 0 937	1 2 0 396 0 912 0 701 0 355 1 621 0 267 2 228 0 414 0 385 1 .006 1 177 0 6593 0 858 1 238 0 858 1 238 0 677 1 124	1.77 0 323 0 527 0 469 0 258 0 254 0 837 0 152 0 285 0 764 0 26 0 376 0 673 0 630 0 917 0 894 0 759 0 889	1.25 0.431 0.533 0.258 0.218 0.258 0.436 0.436 0.436 0.436 0.439 0.133 0.246 0.380 0.296 0.479 0.436 0.553 0.328 0.524	0 632 0 359 0 376 0 226 0 238 0 169 0 528 0 096 0 403 0 231 0 093 0 178 0 173 0 181 0 219 0 237 0 533 0 533 0 254	0.415 0.393 0.36 0.158 0.155 0.444 0.077 0.523 0.171 0.126 0.140 0.140 0.142 0.241 0.114 0.223 0.505 0.169	0 521 0 633 0 407 0 684 0 289 0 242 0 291 0 156 0 289 0 242 0 291 0 156 0 231 0 609 0 208 0 158 0 607 0 251 0 652 0 407 0 254 0 158 0 607 0 251 0 166 0 289 0 242 0 291 0 158 0 607 0 251 0 166 0 289 0 242 0 291 0 158 0 607 0 251 0 166 0 289 0 242 0 291 0 158 0 209 0 243 0 209 0 253 0 242 0 291 0 158 0 259 0 243 0 251 0 253 0 251 0 253 0 255 0 251 0 255 0 251 0 255 0 251 0 255 0 251 0 255 0 255 0 251 0 255 0 251 0 255 0 251 0 255 0 251 0 255 0 251 0 255 0 255 0 251 0 255 0 251 0 255 0	Min 0.184 0.133 0.067 0.068 0.077 0.122 0.025 0.075 0.079 0.131 0.068 0.097 0.2131 0.068 0.097	Menn 0.778 0.434 0.459 0.338 0.308 0.275 0.685 0.231 0.344 0.242 0.458 0.242 0.458 0.543 0.372 0.466 0.642 0.476
1997 1996 1995 1995 1993 1992 1991 1990 1989 1989 1985 1985 1985 1985 1985 1985	Jun 0 228 0 484 0 067 0 209 0 682 0 181 0 095 0 195 0	Feb           0184           0239           0126           0127           0668           0127           0666           027           0120           0110           0115           0131           0068           0222           0111           0154           0154           0154           0154           0154	0 237 0 133 0 306 0 236 0 344 0 17 0 319 0 306 0 224 0 17 0 319 0 306 0 225 0 132 0 132 0 132 0 133 0 353 0 353 0 359 0 193	0.795 0.686 0.419 0.283 0.653 0.517 0.274 0.314 0.824 0.418 0.985 0.839 0.414 0.562 0.562	1 21 0.689 0 658 0 339 0 658 0 307 1.093 0 494 0.422 0.734 0.422 0.734 0.426 0.253 0 595 1.420 0 240 0.615 0.797 0 909	0 825 0 378 0 732 0 92 0 3649 2 685 0 302 2 685 0 302 0 398 1 564 0 281 0 344 0 806 1 282 0 526 0 526 0 526	1 2 0 396 0 912 0 701 0 355 1 621 0 226 0 267 2 228 0 414 0 385 1 006 1 177 0 698 0 858 1 238 0 677	1.77 0 329 0 527 0 469 0 258 0 254 0 254 0 285 0 765 0 376 0 673 0 630 0 917 0 894 0 711 0 559	1.25 0.431 0.533 0.258 0.218 0.258 0.436 0.118 0.604 0.133 0.246 0.350 0.296 0.439 0.436 0.439 0.436 0.4353 0.328	0 632 0 359 0 376 0 226 0 228 0 169 0 528 0 096 0 403 0 231 0 096 0 173 0 178 0 173 0 181 0 219 0 253 0 553 0 553	0.415 0.393 0.36 0.158 0.155 0.444 0.077 0.523 0.171 0.120 0.140 0.140 0.142 0.244 0.114 0.239 0.505	0 521 0 633 0 407 0 684 0 284 0 289 0 242 0 291 0 156 0 289 0 242 0 291 0 156 0 231 0 679 0 208 0 158 0 679 0 208 0 158 0 697 0 251 0 6662 0 407 0 407 0 251 0 6662 0 407 0 407 0 251 0 6662 0 407 0 407 0 586 0 587 0 597 0 598 0 597 0 598 0 597 0 597 0 598 0 597 0 597	Min 0.184 0133 0 067 0 084 0 127 0 066 0 077 0 112 0 102 0 105 0 079 0 131 0 068 0 097 0 221 0 154 0 068	Mean 0.778 0.434 0.459 0.338 0.375 0.685 0.231 0.344 0.646 0.243 0.242 0.458 0.543 0.372 0.462 0.476

Table B.1.5 Monthly Mean How Rate (4/4)

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Dam Name	Paltinu	Maneeiu
Catchment Area (Km ² )	334	247
Completed Year	1971	1994 *1
Location	Sotrile	Maneciu
River Name	Doftana	Teleajen
Dam Type	Arch	Rockfill
Height (m)	108	75
Crest Length (m)	460	750
Spillway Type	Morning Glory	Morning Glory
Installed Capacity (kWh)	10,200	12,000
Reservoir Area (km ² )	1.975	1.92
Total Storage Volume (m ³ )	60,640,000	60,000,000
Active Storage Volume (m ³ )	53,670,000	50,000,000
Domestic (m ³ )		
Irrigation (m ³ )		
Power Generation (m ³ )		
Dead Water Volume (m ³ )		3,000,000
Flood Control Volume (m ³ )	6,970,000	5,000,000
Maximum High Water Level (El.m)	652.5	609.0
High Water Level (El.m)	649.0	606.0
Low Water Level (El.m)	570.0	554.0
Spillway Maximum Discharge (m ³ /s)	760	12,000
Flood Prevention Area		
Maximum Discharge for Water Use (m ³ /s)		1.97(97%)
Domestic Water Supply District		
Irrigation Water Supply District		
Industry Water Supply District		
Power Supply District	· · · · · · · · · · · · · · · · · · ·	
Annual Inflow Discharge (m ³ /s), 1997	5.48	4.07
Annual Outflow Discharge (m ³ /s), 1997	5.31	3.94
Annual Overflow from Spillway (m ³ ), 199	•	
Annual Power Generation (kWh) , 1997	*2	*3

Table B.2.1 Feature of Dam and Reservoir

*1 : water supply started in 1990

*2 : managed by C H E Platinu

*3 : managed by C.H.E Izvoarele

ð	Code	1	7	3	4	S	9	4
Name of	Name of structures	Nedelca	Calinesti	Voila	Valeni de Munte	Pantazi	Magurele	Mehedinta
Loc	Location	Aricesti Rahtivani	Floresti	Brebu	Valeni de Munte	Valea Calugareasca		Mehedinta
R	River	Prahova	Prahova	Doftana	Teleajen	Teleajen	Teleajen	Lopatha
Structure	Structure Condition					Destroied		Unexploited
Obje	Objective	H=12m L=110m		H=14m L=41m	H=14m L=	H≖6m L=60m		H=7m L=450m
	Irrigation	5.6	(0.23) Max(2.8)					×
Discharge	Indrusty	3		1.6		0.6		
(m ³ /s)	Domestic			1.85	1.2			
	Total	8.6		3.45	1.2	0.6		
	-	* Consumers of wa	of water supplied by the intake below :	ntake below :				

Basin (1/3)	
River	
Prabova	
the ]	
L	
Intakes	
Table.B.2.2	

	STEAUA ROMANA CAMPINA	CONS. LOCAL BANESTI	SC VICTORIA FLORESTI	SC CONPET SA BAICOI	CARTIER MITICA APOSTOL	SC PETROBRAZI SA	CONS. LOCAL BREBU	CONS. LOCAL TELEGA		
No.3	APOSCO -	RAGCL CIMPINA	SGCL FLORESTI	AGCL MORENI	SCCL BAICOI	FEHS BAICOI	POMICOLA BAICOI	RAACFL PLOIESTI	RENEL BRAZI	•
No.1	PETROBRAZI									

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## Vo.4

SC VALDEN VALENI UTT 440 GURA VITIOAREI SPS VALENI CONS. LOCAL MAGURELE	SOCL BOLDESTI LIPANESTI	PRODPOM MAGURELI GENERAL PETRO SERVICE BAICOI	SGCL BOLDESTI BLEJOY	SCIFCA SA PLOIESTI	SC POLISERV PLOESTI	SC SHELL/TROLOP SRL
SC VALENI SPS VALENI	RATMIL VALENI	PRODPOM MAGURELI	RATNEL PLOPENI	RAACH PLOIESTI	SC ATLAS GP	SC PETROTEL

9 10 11	Bucov Balta Doamnei Plavia I Plavia II	Bucov Balta Iordacheanu Iordacheanu Doannei		Unexploited			×	0.07	0.07
~~~~	Gomet Cricov B	Gornet B.		Unexploited Une	H=4m	L=90m	×		

Table.B.2.2 Intakes in the Prahova River Basin (2/3)

No.5 ROMFOSFOCHIM

No.11 S.C. VIDELMAR URLATI

No.13 S.C. VIDELMAR URLATI

C Name of Loci Riv Structure	Code Name of structures Location River Structure Condition	15 Dumbravesti Malaiesti Varbilau	16 I.C.V.VValea Calugareasca I Valea Calugareasca Iazul Morilor Teleajen Unexploited	17 I.C.V.VValea Calugareasca II Valea Calugareasca Iazul Morilor Teleajen Unexploited	18 I.C.V.VValea Calugareasca III Valea Calugareasca Iazul Morilor Teleajen Uncxploited	19 I.C.V.VValca Calugareasca TV Valca Calugareasca Iazal Morilor Teleajen Unexploited	20 I.C.V.VValea Calugareasca V Valea Calugareasca Iazul Morilor Teleajen Unexploited
Objo Discharge (m ³ /s)	Objective Irrigation Re Indrusty Be Domestic Total		H=1 25m L=172m ×	H=2m L=220m x	H≖1.5m L=205m ×	H=1.2m L=150m X	H=1.8m L=385m x

Table.B.2.2 Intakes in the Prahova River Basin (3/3)

B-T32

				Tab	le B.2.3 F	burificatio	n Plants	Table B.2.3 Purification Plants in the Prahova River Basin	rabova I	River Ba	sin		:	(Year: 1997)	
		Year of	Capacity	Supplied	Served	Length	Supply	Delivery	Lost	Delive	Delivery Cost	Annual	Labour	Electricity	Chemical
District	Station	Service	(3/1)		Population	of Trunk (Icm)	Volume (1000m [*])	Volume (1000m [*])	Water %	Raw W. (10 [*] lei)	Treated (10 [†] lei)	Cost (10'lei)	Cost (10'lei)	Cost (10 ^{1ci)}	Cost (101ei)
Voùa	Voila	1971	3,000	Cimpuna Baicoi, Moreni Floresti Banesti, Telega Ploiesti	208,000	2.4	66,184	60,899	***						
Valcni	Valení	1980	1,200	Valeni Magurole Dumbravesti Boldesti Lipanesti Paulesti Blejoi Ploiesti	102,000	0.5	39,185	34,419	12%						
Maneciu	Manociu	1982	100		17,500	0.1	1,625	1,464	10%						
Azuga	Azuga	1977		250 Azuga Sinaia	15,000	3	3,984	3,622	9.10%						
Busteni	Bustoni			Busteni Poisna Busteni	28,000		3,278								
Voila	Cimpina	1952	450		25,600	12	7,881	6,700	15%						
Predeal	Predeal		1	100 Prodeal	6,500	11	770	700	%6						
Posada Breaza	alca Conciul	1996		60 Comamic	4,700	2.1	201	180	11%			188.000	145,000	6,000	850
Sunaia	Valca Dorulu	1973		70 Sinaia	3,600	0.8	757	631	16.60%						
Sinaia	Valca Rea			250 Sinaia	11,300	4	106	154	17%						
Stetesti	Sterest	*041	4	4.4 Statuc Stefesti	000'5	0.8	37	140	9/JC						
Schiulesti	Schiulesti	1996	75		3200	8,4	220	172	22%						
Data Source	Data Source : Romanian Waters Authority, Ploiesti	Waters Auth	ioll, Ploi	cstr											

Å
River
Prahova
the
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Plants
Purification
Table B.2.3
H

y Network Ground- Water Water Water Water (Drinking) 0.0 257 0.0 257 0.0 257 0.0 0.0 35 0.0 35 0.0 35 0.0 35 0.0 35 0.0 35 0.0 35 0.0 35 0.0 35 0.0 35 0.0 35 0.0 35 0.0 35 0.0 35 0.0 35 0.0 35 0.0 35 0.0 35 0.0 26 0.0 26 0.0 15 0.0 0.0 15 0		-			10401			Cupilar	1 adal
ARRA FILALA PLOIESTI S.H. PALTINU 41A1 0.0 0.0 17 ARRA FILALA PLOIESTI S.H. NEDELEA 41A1 0.0 0.0 16 ARRA FILALA PLOIESTI S.H. NEDELEA 41A1 0.0 0.0 16 ARRA FILALA PLOIESTI S.H. NEDELEA 41A1 0.0 0.0 0.0 16 ARRA FILALA PLOIESTI S.H. MANECIU 41A1 0.0			_		-	water Supply to Others	Supplier Code (Drinking)	Supplier Code (Industry):	Block
ARRA FILALA PLOIESTI S.H. NEDELEA 41.4 0.0 0.0 16 ARRA FILALA PLOIESTI S.H. NEDELEA 41.41 0.0 0.0 3730 ARRA FILALA PLOIESTI S.H. NANECIU 41.41 0.0 0.0 13 ARRA FILALA PLOIESTI S.H. MANECIU 41.41 0.0 0.0 10 ARRA FILALA PLOIESTI S.H. MANECIU 41.41 0.0 0.0 12 3 ADPP. SUUCA 41.41 24500 905.0 1 0.0 12.0 3 1 0.0 12.0 3 3 1 1 0.0 12.0 3 3 1 0.0 1 1 1 1 0.0 1	41A1		71423.0	0.0	71423.0	72188.0			۵
ARRA FLIAA PLOIESTI SH, TINOSU 41A1 0.0 2579.0 ARRA FLIAA PLOIESTI SH, TINOSU 41A1 0.0 0.0 120 3 AD PP, AZUGA ALD PP, AZUGA 41A1 0.0 0.0 120 3 AD PP, AZUGA AD PP, AZUGA 41A1 24500 908.0 0.0 351.0 AD PP, AZUGA 41A1 24500 908.0 0.0 351.0 352.0 351.0 351.0 351.0 352.0	41A2		16861.0	0.0	16861.3	16859.0			217
ARRA FILALA PLOIESTI S.H. VALENI 41A1 0.0 0.0 3 AD.P.P. BUSTENI AL.P.P. BUSTENI 41A1 0.0 0.0 120 3 AD.P.P. BUSTENI AD.P.P. BUSTENI 41A1 795.0 11880 0.0 0.0 120 3 AD.P.P. SUCK 41A1 795.0 11880 821.0 3	41A1		· 0 [·] 0	0.0	2578.7	1992.0			ш
AD, P.P. BUSTENI 41 A1 00 00 1 AD, P.P. BUSTENI AD, P.P. BUSTENI 41 A1 00 120 3 AD, P.P. BUSTENI AD, P.P. BUSTENI 41 A1 795.0 1188.0 3 35.0 1 3	41A1		3249.0	0.0	3249.0	ო			240
AD.P.P. AZUGA 41A1 00 120 3 AD.P.P. BUSTENI 41A1 7950 11880 4 AD.P.P. Subula 41A1 7950 11880 9050 1 S.G.CL. BOLDESTI 41A1 7950 1180 6210 9050 1 AD.P.P. COMARNIC 41A1 24500 9050 11.0 8 351.0 00 351.0 AD.P.P. COMARNIC 41A1 24500 9050 11.0 8 355.0 11.0 8 351.0 00	U 41A1		1102.0	0.0	1102.3	533.0			7
ADD. P. BUSTENI 41 AI 795.0 1188.0 AD. P. P. BUSTENI 41 AI 795.0 1188.0 AD. P. SUNALA 41 AI 24500 905.0 S.G.CL. BOLDESTI 41 AI 24500 905.0 AD. P. COMARNIC 41 AI 24500 905.0 AD. P. COMARNIC 41 AI 24500 905.0 CIVITAS BREAZA 41 AI 24500 905.0 R. G.C. L. CIMPINA 41 AI 103.0 111.0 R. G.C. L. CIMPINA 41 AI 2335.0 181.0 S.G.CL BANCOI 41 AI 2335.0 181.0 S.G.CL BANCOI 41 AI 233.0 200 GOSCOM SLANIC 41 AI 321.0 32.0 GOSCOM SLANIC 41 AI 321.0 32.0 GOSCOM SLANIC 41 AI 321.0 24.0 GOSCOM SLANIC 41 AI 321.0 27.0 GOSCOM SLANIC 41 AI 32.1 23.0 PRIMARIA BANESTI 41 AI 32.1 24.0	41.41		3622.0	0.0	3634.0	3665.0			195
AD.P.F.SINAL 41A1 24500 965.0 1 AD.P.P. COMARNIC 41A1 24500 965.0 1 AD.P.P. COMARNIC 41A1 318.0 621.0 351.0 AD.P.P. COMARNIC 41A1 318.0 621.0 351.0 AD.P.P. COMARNIC 41A1 318.0 621.0 351.0 CIVITAS BREAZA 41A1 318.0 621.0 351.0 RAG.C. L CIMPINA 41A1 318.0 621.0 32.0 RAG.C. L CIMPINA 41A1 2438.0 32.0 32.0 Sc.CL BACOI 41A1 2438.0 32.0 32.0 RAG.C. L CIMPINA 41A1 2430.0 32.0 32.0 Sc.CL BACOI 41A1 2430.0 0.0 32.0 RAG.C. L ALEST 41A1 24516.0 286.0 32.0 RAG.C. POIESTI 41A1 26516.0 286.0 32.0 PRIMARIA BALESTI 41A1 26516.0 286.0 90.0 90.0 90.0		=	0.0	0.0	1983.0		4014		195
SGCL BOLDEST1 41A1 318.0 621.0 AD P.P. COMARNIC 41A1 0.0 351.0 AD P.P. COMARNIC 41A1 0.0 351.0 CIVITAS BREAZA 41A1 0.0 351.0 RAGC. POLANA CIMPINA 41A1 903.0 629.0 RAGC. L CIMPINA 41A1 2438.0 221.0 SGCL BACOI 41A1 2438.0 221.0 SGCL BACOI 41A1 2438.0 221.0 RAGC. L CIMPINA 41A1 26516.0 20859.0 GOSCOM SLANIC 41A1 26516.0 20859.0 GOSCOM SLANIC 41A1 26516.0 20859.0 PRIMARIA BULEST 41A1 26516.0 20859.0 PRIMARIA ALBEST 41A1 26516.0 20859.0 PRIMARIA ALBEST 41A1 26516.0 20859.0 PRIMARIA ALBEST 41A1 26516.0 20850.0 PRIMARIA ALBEST 41A1 2651.0 200.0 PRIMARIA ALBEST 41A1 21A1 2650.0 <td>~</td> <td></td> <td>1382.0</td> <td>0.0</td> <td>4737.0</td> <td>247.0</td> <td>4008</td> <td></td> <td>۲</td>	~		1382.0	0.0	4737.0	247.0	4008		۲
AD.P.P. COMARNIC 41 A1 0.0 351.0 AD.P.P. COMARNIC 41 A1 903.0 629.0 CIVITAS BREAZA 41 A1 903.0 629.0 R.AG.C. POIANA CIMPINA 41 A1 903.0 629.0 R.AG.C. LOMPINA 41 A1 903.0 629.0 R.AG.C. LOMPINA 41 A1 243.80 221.0 S.G.CL. BAJCOI 41 A1 243.80 221.0 S.G.CL. BAJCOI 41 A1 243.80 221.0 S.G.CL. BAJCOI 41 A1 233.0 0.0 GOSCOM SLANIC 41 A1 2321.0 32.0 FRIMARIA BANESTI 41 A1 2651.6.0 2009.90 PRIMARIA BLEJOI 41 A1 2651.6.0 2009.90 PRIMARIA ALBESTI 41 A1 265.1.0 268.0 PRIMARIA PAULESTI 41 A1 265.1.0 270.0 PRIMARIA PAULESTI 41 A1 268.0 0.0 PRIMARIA PAULESTI 41 A1 268.0 0.0 PRIMARIA POLOFAL 41 A1 270.0			0.0	0.0	938.7	190.0	4099		×
CIVITAS BREAZA 414 903.0 629.0 RAG.C. LORINIA 41A 903.0 629.0 RAG.C. LORINIA 41A 103.0 11.0 RAG.C. LORINIA 41A 2335.0 161.0 RAG.C. LORINIA 41A 2333.0 0.0 SG.CL BACO 41A 233.0 0.0 SG.CL BANC 41A 233.0 0.0 SG.CL BANC 41A 233.0 0.0 SG.CL BANC 41A 0.0 0.0 PRIMARIA BANESTI 41A 321.0 321.0 RAG.C. PLOIESTI 41A 0.0 0.0 PRIMARIA BLEJOI 41A 0.0 0.0 PRIMARIA PUCHENI 41A 0.0 0.0 PRIMARIA PUCHENI 41A 0.0 <td></td> <td></td> <td>316.0</td> <td>0.0</td> <td>667.0</td> <td>41.0</td> <td></td> <td></td> <td>82</td>			316.0	0.0	667.0	41.0			82
RAG.C. POLINA 41A1 103.0 11.0 RAG.C. L. CIMPINA 41A1 2335.0 161.0 8 RAG.C. L. CIMPINA 41A1 2335.0 161.0 8 SCIC.L BACOI 41A1 533.0 0.0 0.0 NERGA MANECIU SECTOR MANECIU 41A1 533.0 0.0 0.0 NERGA MANECIU SECTOR MANECIU 41A1 2453.0 221.0 320 0.0 0			0.0	0.0	1532.0	821.0	4034		82
RAGC. L. CIMPINA 41A1 2335.0 161.0 8 S.G.C. L. CIMPINA 81.0 41.41 2438.0 221.0 20 NERGA MANECIU SECTOR MANECIU 41.41 2438.0 221.0 20 0.0 GOSCOM SLANIC 41.41 333.0 0.0 0.0 0.0 0.0 PRIMARIA BANESTI 41.41 321.0 321.0 320 270.0 270.0 PRIMARIA BANESTI 41.41 26516.0 20559.0 760 270.0 770.0 770.0 770.0 770.0 770.0 770.0 74.1 74.1 26516.0 270.0 770.0			0.0	0.0		0.0	4034		217
S.G.C.L. BAJCOI 41 A1 2438.0 221.0 NERGA MANECIU SECTOR MANECIU 41 A1 533.0 0.0 PRIMARIA BANEST1 41 A1 26516.0 270.0 PRIMARIA BLEJOI 41 A1 26516.0 270.0 PRIMARIA BLEST1 41 A1 26516.0 270.0 PRIMARIA ALBEST1 41 A1 0.0 57.0 PRIMARIA ALBEST1 41 A1 0.0 34.0 PRIMARIA PUCHENI 41 A1 0.0 28.0 PRIMARIA PUCHENI 41 A1 0.0 174.0 0.0 PRIMARIA PUCHENI 41 A1 0.0 174.0 0.0 S.G.CL FLOREST1 41 A1 0.0 174.0 0.0 APEVITA PREDEAL 41 A1 0.0 174.0 0.0 S.G.CL FLOREST1 41 A1 0.0 174.0 0.0 PRIMARIA VALEA DOFTANEI 41 A1 0.0			8675.0	0.0	14230.7	5146.0	4036		υ
NERCA MANECIU SECTOR MANECIU 41A1 533.0 00 NERCA MANECIU SECTOR MANECIU 41A1 533.0 00 GOSCOM SLANIC 7321.0 32.0 PRIMARIA BANEST1 71.0 26516.0 20859.0 PRIMARIA BLEJOI PRIMARIA BLEJOI PRIMARIA BLEJOI PRIMARIA ALBEST1 41A1 265516.0 270.0 PRIMARIA ALBEST1 41A1 265516.0 270.0 PRIMARIA ALBEST1 41A1 000 34.0 PRIMARIA PUCHENI 41A1 000 153.0 CONSILIUL LOCAL BRAZI 41A1 000 153.0 PRIMARIA PUCHENI 41A1 000 153.0 PRIMARIA PUCHENI 41A1 000 153.0 CONSILIUL LOCAL BRAZI 41A1 000 153.0 PRIMARIA PUCHENI 41A1 000 153.0 PRIMARIA PUCHENI 41A1 000 153.0 PRIMARIA VALEA DOFTANEI 41A1 000 153.0 APEVITA PREDEAL 41A1 000 153.0 PRIMARIA VALEA DOFTANEI 41A1 1167.0 000 60 PRIMARIA SECARIA 41A1 1167.0 000 60 PRIMARIA MAGURELE 41A1 1167.0 000 60			0.0	0.0	2659.0	789.0	4036		250
GOSCOM SLANIC 41 A1 0.0 0.0 FRIMARIA BANEST1 41 A1 321.0 32.0 PRIMARIA BANEST1 41 A1 26516.0 270.0 PRIMARIA BANEST1 41 A1 26516.0 270.0 PRIMARIA BLEJOI 41 A1 26516.0 270.0 PRIMARIA BLEST1 41 A1 26516.0 270.0 PRIMARIA BLEST1 41 A1 0.0 57.0 PRIMARIA ALBEST1 41 A1 0.0 34.0 PRIMARIA ALBEST1 41 A1 0.0 34.0 PRIMARIA PUCHENI 41 A1 0.0 268.0 CONSILIUL LOCAL BRAZI 41 A1 0.0 174.0 0.0 PRIMARIA PUCHENI 41 A1 0.0 174.0 0.0 CONSILIUL LOCAL BRAZI 41 A1 0.0 174.0 0.0 SG.CL VALEN 41 A1 0.0 174.0 0.0 SG.CL VALEA ACCL VALEA 41 A1 0.0 18.0 PRIMARIA PUCHENI 41 A1 0.0 174.0 0.0 </td <td>41A1</td> <td></td> <td>58.0</td> <td>0.0</td> <td>591.0</td> <td>0.0</td> <td>4275</td> <td></td> <td>~</td>	41A1		58.0	0.0	591.0	0.0	4275		~
PRIMARIA BANESTI 41 AI 321.0 32.0 PRIMARIA BANESTI 41 AI 26516.0 2700 PRIMARIA BLEJOI 41 AI 26516.0 2700 PRIMARIA BLEJOI 41 AI 26516.0 2700 PRIMARIA BLESTI 41 AI 26516.0 2700 PRIMARIA BLESTI 41 AI 0.0 57.0 PRIMARIA ALBESTI 41 AI 0.0 34.0 PRIMARIA ALBESTI 41 AI 0.0 34.0 PRIMARIA PUCHENI 41 AI 0.0 268.0 CONSILIUL LOCAL BRAZI 41 AI 0.0 70.0 PRIMARIA PUCHENI 41 AI 0.0 70.0 CONSILIUL LOCAL BRAZI 41 AI 0.0 70.0 PRIMARIA PUCHENI 41 AI 0.0 70.0 CONSILIUL LOCAL BRAZI 41 AI 0.0 70.0 CONSILIUL LOCAL BRAZI 41 AI 0.0 70.0 CONSILIUL LOCAL BRAZI 41 AI 174.0 0.0 SG.CL FLORESTI 41 AI 0.0 71	41A1		352.0	0.0	352.0	38.0			¥
RAG.C. PLOIESTI 41A1 26516.0 20859.0 PRIMARIA BLEJOI 41A1 26516.0 270.0 PRIMARIA BLEJOI 41A1 26516.0 270.0 PRIMARIA BLEJOI 41A1 0.0 57.0 PRIMARIA BLEJOI 41A1 0.0 57.0 PRIMARIA COCORASTII MISLI 41A1 0.0 57.0 PRIMARIA ALBESTI 41A1 0.0 34.0 PRIMARIA PUCHENI 41A1 0.0 288.0 CONSILIUL LOCAL BRAZI 41A1 0.0 70.0 PRIMARIA PUCHENI 41A1 0.0 70.0 CONSILIUL LOCAL BRAZI 41A1 0.0 70.0 PRIMARIA PUCHENI 41A1 0.0 70.0 CONSILIUL LOCAL BORDENI 41A1 714.0 0.0 S.G.C.L FLORESTI 41A1 774.0 0.0 APEVITA PREDEAL 41A1 774.0 0.0 ACC.L VALEA 74.1 74.0 0.0 S.G.C.L URLATI 41A1 774.0 0.0			0.0	0.0	353.0		4036		X
PRIMARIA BLEJOI 41A1 46.0 270.0 PRIMARIA BLEJOI 41A1 0.0 57.0 PRIMARIA COCORASTII MISLII 41A1 0.0 57.0 PRIMARIA ALBESTI 41A1 0.0 57.0 PRIMARIA ALBESTI 41A1 0.0 57.0 PRIMARIA PUCLESTI 41A1 0.0 268.0 PRIMARIA PUCHENI 41A1 0.0 268.0 CONSILIUL LOCAL BRAZI 41A1 0.0 70.0 PRIMARIA PUCHENI 41A1 0.0 70.0 CONSILIUL LOCAL BRAZI 41A1 0.0 70.0 ADEVITA PREDEAL 41A1 0.0 174.0 0.0 SG.CL FLORESTI 41A1 966.0 48.0 SG.CL URLATI 41A1 0.0 160.0 160.0 PRIMARIA VALEA DOFTANEI 41A1 0.0 174.0 0.0 AG.CL VALENI 41A1 0.0 160.0 18.0 PRIMARIA VALEA DOFTANEI 41A1 0.0 18.0 PRIMARIA VALEA D		Š	0.0	0.0	47375.0	220	4036		250
PRIMARIA COCORASTII MISLII 41A1 0.0 57.0 PRIMARIA ALBESTI 41A1 0.0 34.0 PRIMARIA ALBESTI 41A1 0.0 34.0 PRIMARIA ALBESTI 41A1 0.0 34.0 PRIMARIA PULESTI 41A1 0.0 268.0 RAG.CL VALEA CAUUGAREASCA 41A1 0.0 268.0 CONSILIUL LOCAL BRAZI 41A1 0.0 70.0 PRIMARIA PUCHENI 41A1 0.0 70.0 CONSILIUL LOCAL BORDENI 41A1 0.0 174.0 0.0 S.G.CL FLORESTI 41A1 0.0 173.0 0.0 0.0 ADEVITA PREDEAL 41A1 0.0 174.0 0.0 0.0 S.G.CL LIORESTI 41A1 174.0 0.0 18.0 0.0 0.0 ADEVITA PREDEAL 41A1 0.0 14.0 0.0 0.0 0.0 S.G.C.LURLAT 41A1 0.0 116.0 0.0 0.0 0.0 PRIMARIA VALEA DOFTANEI 41A1<			0.0	0.0			4212		250
PRIMARIA ALBESTI 41A1 0.0 34.0 PRIMARIA PAULESTI 41A1 0.0 34.0 PRIMARIA PAULESTI 41A1 0.0 268.0 CONSILIUL LOCAL BRAZI 41A1 0.0 268.0 CONSILIUL LOCAL BRAZI 41A1 0.0 70.0 PRIMARIA PUCHENI 41A1 0.0 70.0 CONSILIUL LOCAL BRAZI 41A1 0.0 70.0 PRIMARIA PUCHENI 41A1 0.0 70.0 CONSILIUL LOCAL BORDENI 41A1 0.0 153.0 S.G.C.L FLORESTI 41A1 0.0 153.0 APEVITA PREDEAL 41A1 966.0 48.0 S.G.C.L URLATI 41A1 966.0 48.0 PRIMARIA VALEA DOFTANEI 41A1 0.0 6.0 PRIMARIA VALEA DOFTANEI 41A1 0.0 6.0 PRIMARIA SECARIA 41A1 1167.0 0.0 PRIMARIA SECARIA 41A1 268.0 0.0			0.0	0.0					¥
PRIMARIA PAULESTI 41A1 304.0 0.0 RAG.C.L. VALEA CALUGAREASCA 41A1 0.0 288.0 CONSILIUL LOCAL BRAZI 41A1 0.0 288.0 PRIMARIA PUCHENI 41A1 0.0 288.0 CONSILIUL LOCAL BRAZI 41A1 0.0 70.0 PRIMARIA PUCHENI 41A1 0.0 70.0 CONSILIUL LOCAL BORDENI 41A1 0.0 153.0 S.G.C.L FLORESTI 41A1 0.0 153.0 APEVITA PREDEAL 41A1 0.0 153.0 S.G.C.L URLATI 41A1 0.0 18.0 PRIMARIA VALEA DOFTANEI 41A1 0.0 18.0 PRIMARIA VALEA DOFTANEI 41A1 0.0 6.0 PRIMARIA SECARIA 41A1 1167.0 0.0 RA.G.L. VALENI 41A1 268.0 0.0			0.0	0.0					280
RAG:CL VALEA CALUGAREASCA 41A1 0.0 268.0 CONSILIUL LOCAL BRAZI 41A1 423.0 0.0 CONSILIUL LOCAL BRAZI 41A1 0.0 70.0 CONSILIUL LOCAL BRAZI 41A1 0.0 70.0 CONSILIUL LOCAL BRAZI 41A1 0.0 70.0 CONSILIUL LOCAL BORDENI 41A1 0.0 153.0 CONSILIUL LOCAL BORDENI 41A1 0.0 153.0 S.G.CL FLORESTI 41A1 0.0 0.0 APEVITA PREDEAL 41A1 966.0 48.0 S.G.C.LURLATI 41A1 966.0 48.0 PRIMARIA VALEA DOFTANEI 41A1 0.0 6.0 PRIMARIA SECARIA 41A1 1167.0 0.0 RAG.CL VALENI 41A1 268.0 0.0			0.0	0.0			4212		250
CONSILUL LOCAL BRAZI 41A1 423.0 0.0 PRIMARIA PUCHENI 41A1 0.0 70.0 CONSILUL LOCAL BORDENI 41A1 0.0 70.0 CONSILUL LOCAL BORDENI 41A1 0.0 70.0 CONSILUL LOCAL BORDENI 41A1 0.0 70.0 ADEVITA PREDEAL 41A1 0.0 0.0 0.0 APEVITA PREDEAL 41A1 966.0 48.0 S.G.C.LURLATI 41A1 966.0 48.0 PRIMARIA VALEA DOFTANEI 41A1 96.0 48.0 PRIMARIA VALEA DOFTANEI 41A1 0.0 6.0 PRIMARIA SECARIA 41A1 1167.0 0.0 PRIMARIA SECARIA 41A1 268.0 0.0			0.0	0.0		0.0			. 1
PRIMARIA PUCHENI 41A1 0.0 70.0 CONSILIUL LOCAL BORDENI 41A1 0.0 153.0 CONSILIUL LOCAL BORDENI 41A1 0.0 153.0 S.G.C.L FLORESTI 41A1 0.0 153.0 APEVITA PREDEAL 41A1 0.0 0.0 S.G.C.L URLATI 41A1 966.0 48.0 PRIMARIA VALEA DOFTANEI 41A1 966.0 48.0 PRIMARIA VALEA DOFTANEI 41A1 0.0 18.0 PRIMARIA VALEA DOFTANEI 41A1 0.0 6.0 PRIMARIA VALEA DOFTANEI 41A1 0.0 6.0 PRIMARIA SECARIA 41A1 268.0 0.0			0.0	0.0	~		4050		r
CONSILIUL LOCAL BORDENI 41A1 0.0 153.0 S.G.C.L FLORESTI 41A1 174.0 0.0 S.G.C.L FLORESTI 41A1 174.0 0.0 S.G.C.L FLORESTI 41A1 174.0 0.0 S.G.C.L FLORESTI 41A1 966.0 48.0 S.G.C.L URLATI 41A1 966.0 48.0 PRIMARIA VALEA DOFTANEI 41A1 0.0 18.0 PRIMARIA VALEA DOFTANEI 41A1 0.0 6.0 PRIMARIA SECARIA 41A1 1167.0 0.0 PRIMARIA MAGURELE 41A1 268.0 0.0			0.0	0.0		÷			ш.
S.G.C.L FLORESTI 174.0 0.0 APEVITA PREDEAL 41A3 0.0 0.0 S.G.C.LURLATI 41A1 966.0 48.0 PRIMARIA VALEA DOFTANEI 41A1 0.0 18.0 PRIMARIA SECARIA 41A1 0.0 6.0 R.A.G.C.L VALENI 41A1 1167.0 0.0 PRIMARIA MAGURELE 41A1 268.0 0.0		-	0.0	0.0					
APEVITA PREDEAL 41A3 0.0 0.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0			0.0	0.0			4036		217
S.G.C.LURLATI 966.0 48.0 PRIMARIA VALEA DOFTANEI 41A1 966.0 48.0 PRIMARIA SECARIA 41A1 0.0 6.0 R.A.G.C.L VALENI 41A1 1167.0 0.0 PRIMARIA MAGURELE 41A1 268.0 0.0			871.0	0.0					180
PRIMARIA VALEA DOFTANEI 41A1 0.0 18.0 PRIMARIA SECARIA 41A1 0.0 6.0 R.A.G.C.L VALENI 41A1 1167.0 0.0 PRIMARIA MAGURELE 41A1 268.0 0.0			0.0	0.0	¥		4177		280
PRIMARIA SECARIA 41A1 0.0 6.0 R.A.G.C.L. VALENI 41A1 1167.0 0.0 PRIMARIA MAGURELE 41A1 268.0 0.0			40.0	0.0					۵ ۵
R.A.G.C.L. VALENI 41A1 1167.0 0.0 PRIMARIA MAGURELE 41A1 268.0 0.0			0.0	0.0					217
41A1 268.0 0.0	•		417.0	0.0	*- *	ĸ			240
	41A1 26	8.0 0.0	0.0	0.0		0.0	•		×
4578 S.G.C.L. PLOPENI 41A1 1350.0 0.0 0.0 0	•	0.0 0.0	0.0	0.0	1349.7	0.0	4100		×

Table B.2.4 Water Use Volume of Establishmet in Prahovar River Basin (1/7)

e Code	Name of Establishment	Activity Code	Network Water (Deinking)	Ground- Water	Surface Water	Network Water (Industrv)	Reuse	Total	Water Supply to Others	Supplier Code (Drinking)	Supplier Code (Industry):	Model Block
		30		1001			0.0	120				217
403 403	SPITALUL FILP.1G.	80 aC	0.0		83.0		118.7	229.7	0.0	4008		195
84	4004 SINTERREF AZUGA	2 8		-	00		0.0	1.6		~		217
4 4 9 9	4005 SCOALA AJUTATUARE FILIPESTILUE TIRU	2 ¥			674 D		70.7	745.0	_	~		195
4006	BERE AZUGA	2 Ç			ARED		00	498.7		4008		195
4007	4007 POSTAV AZUGA	/1	0.55	J			85.0 85.0	264.3	_			195
400	4009 STIAZ AZUGA	8					000	11.		4008		195
4010	4010 SPITALUL AZUGA	68 ¥	0.62	0.54			0.0	131.8		-		195
4012	4012 SANATORIUL 1.B.C. BUSTENI	3 2	00	13	42	0	5020.0	10588.7	70			195
4014 4 104	4014 MAKIN BUSIEN 1016 AEDDI: SMAA	55	38.0			0	0.0	38.0	0.0	4011		۲
	4010 CERBUE SHAMA	2	100.0		0.0	0	0.0	100.3	0.0 0.0	4034		217
	Start to Currents S f al Din S & COTA 1400	22	0.0	Y	0.0	0	0.0	41.7		_		۲
		15	145.0			•	83.7	228.3	s 0.0			۷
	ADDI-MEEN SINAIA	29	328.0		N	°	1065.0	1706.7		4008		۲
4025	SEPPI PLOTESTI SEC. COMARNIC	20	0.0	31.0	0.0	0	18.3		_			< ²
4027	DESCON COMARNIC	14	4.0		36.0	•	0.0	39.3		4008		83
		29	780.0	0.0	0.0	°	2056.7	2836.7				20
	UM 02525 BREAZA	75	10.0		0.0	°	0.0	80.0		4028		200
4033		31	72.0	0.0	0.0	°	0.0			•		212
		23	2278.0		218.0	0	32820			•		υ
		1	259.0		0.0	°	1194.0		3	-		250
4039		23	2142.0	_		0	13418.3	19				217
4042	AN42 AVICOLA PLOIESTI-Bleioi Farm	012A	111.0	45.0		°	0.0	•	_	0 4162		1
4046	GRUP SCOLAR NEDELEA	80	0.0		0.0	_			~	_		217
4047	F.E. PLOIESTI	40A	8655.0					293041.			-	
4051	S.C. PETROBRAZI S.A.	ສ	5111.0	5521.0	0.0	æ	21211	231	~	4036	4045	077
	S.C. SERPLO S.A. PLOIEST)	0143B	0.0		5	392				_		260
4056	SC SEPRASA	0143B	1357.0	0.266.0	5	0	0.0	16		4050		276
4059	4059 JAS PUCHEN	012B	0.0	35.0	0.0	0	0.0	(-)	_	0		ш
4070	SOCIETATEA AGRICOLA INFRATIREA	012A	0.0			0	0.0		ö 2	0		82
4071	4071 S.C. AGROMEC CIORANI S.A.	0141	0.0			0	0.0		_	0		
4075	PENITENCIARUL, TG.NOU	75	0.0			ر م	0.0			<u> </u>	4190	0/2
4076	4076 U.M. 01991 TG. NOU	75	0.0		0.0	0	0.0	24.	2	•		0/7
	COMPODEA STANCESTI	0124	č	188.0	ē	د د	00	428.3	ē			

Table B.2.4 Water Use Volume of Establishmet in Prahovar River Basin (2/7)

Code Name of Establishment	Activity Code	Network Water (Drinking)	Ground- Water	Surface Water	Network Water (Industry)	Reuse	Total	Water Supply to Others	Supplier Code (Drinking)	Supplier Code (Industry):	Model Block
1111 01005 CUEIA	75	00	10.0	0.0		0.0	10.3			ī	Dam2
406/ 0.M. VIV33 VIEN 4066 SED BI MANECHI	202	30.0		ч	0	47.0	117.0	0.0	4088		7
4089 S.E.F.F.F. MANICOU 4004 S.C. ALIMEODEV BILOOV	3 22	0.0	.,		0	0.0	34.3	0.0	_		L
4081 S.C. CRIMITORES BOOCS 4009 SDIT TE C DEA INA	8	0.0		0.0	0	0.0	12.0	0.0			"
4082 0PT1. 1.0.0. UNADIAN 4004 DDO1 A.BO DECTI	9	108.0	-		0	39.0	284.0	0.0			260
4034 FRULATELOISS !! 4065 STFC! OVAL VALEN!	2 7	19.0		176	0	9381.3	11164.7	0.0	4506		240
4030 0110C0 VMF VALUE AAAA AODMED MAGIIDEI E	0141	0.0	11.0	0.0	0	0.0	11.0	00	_		×
	F	0.0	32	0.0	0) 156.0	3363.7	409.0			×
	29	1181.0		0.0	0	0. 7581.0	10641.0	1350.0	•		¥
4100 U.M. PLOPECIA	20	190.0		0.0	0	0 2223.3	2652.7	0.0	4022		¥
	21	0.0		õ	0	351.7	1028.0	0.0	_		¥
	4 5	10.0		õ	0	92.7	343.7	0.0	. 4162		ц,
	0	0.0	3.0	õ	0	0.0	3.0		-		250
4100 OF LOOL DE REFINOUNE & CELEVIE WITH THE		0.0	832.0	00	° °	190.7	1023.0	0.0	-		Ļ
	24	0.0	174.0	0.0	0	87.0	260.7				ا
115 FOVVALEA CALIGAREASCA	15	0.0	127.0	0.0	0	60.0	187.0		-		-1
4117 SCROMFOSFOCHIM SA	24	0.0	1687.0	1694.0	0	0 2056.7	5438.3	149.0			
A124 S.C. DERO J EVER PLOIESTI	24	197.0	389.0	0.0	0	0 2723	858.7	0.0	4162		260
A129 INTEX	17	0.0	537.0	0.0	0	0.0	537.3				250
A133 STATIA PECO 2 KM6	33	142.0	0.0	0.0	0	0.0	142.0		•		250
ATAR S.C. VINALCOOL S.A. PRAHOVA	15	82.0	130.0	0.0	0	000	212.3		4162		280
ATRY S.C. VEGA S.A.	23	0.0	2216.0	0.0	0) 4421.3	6637.3				250
4138 PROGRESUL PLOIEST	25	76.0	519.0	0.0	0	159.5	754.0	0.0	-		250
4139 EXTRAPAN SEDIU	15	149.0	22.0	0.0	0	0.0	171.0	0.0	4162		520
	8	0.0	7.0	0.0	0	0.0	7.3	00			550
	29	32.0	124.0	0.0	0	20.0	176.3	0.0	4162		250
ATT CONTRACTION PIGMENT	25	0.0	54.0	0.0	0	0.0	54.0	0.0			250
	15	193.0	112.0	0.0	0	49.0	354.0	0.0	4506		250
ATAK SC CIPROM MECTA	45	0.0	0.99.0	0.0		0.0	98.7	0.0	_		22
4146 FERDEMAL PLOIEST	28	0.0			0	137.3	526.3	0.0	_		250
	28	0.0	159.0	0.0	0	0.0	158.7	0.0			220
	23	16929.0	S			134622.3	156936.0	225.0	4036		<u>ا</u>
4149 PETROTRANS PLOIESTI	23	0.0		0.0	0	8.0	213.3	0.0	_		8

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Code Name of Establishment Activity Network Code Name of Establishment Code Watar 151 U.M. 01959 BERCENI 75 0 4151 U.M. 01959 BERCENI 75 0 4153 DOROBANTUL PLOIEST1 17 0 4155 DEPOULC.F.RSEDIU 17 0 4156 UZUC PLOIEST1 17 0 4158 S.C. ASTRA ROMANA SA 23 40 4158 S.C. ASTRA ROMANA SA 23 26 4158 S.C. ASTRA ROMANA SA 23 26 4160 UPETROM PLOIEST1 23 29 4161 UPENDROM PLOIEST1 23 29 4166 MAUSTIREA SUZANA 417 417 4170 HIBUNATATIRI FUNCIAR 012/2A 0143 4170 HIPODROM PLOIEST1 92 13 4170 HIPOD					1			:	
U.M. 01959 BERCENI DOROBANTUL PLOIESTI DEPOULC.F.RSEDIU UZUC PLOIESTI DEPOULC.F.RSEDIU UZUC PLOIESTI S.C. ASTRA ROMANA SA FORADEX PLOIESTI S.C. ASTRA ROMANA SA FORADEX PLOIESTI REVIZIA GHIGHIU MANASTIREA SUZANA AUTOBAZA 1 PLOIESTI HIPODROM PLOIESTI AUTOBAZA 1 PLOIESTI HIPODROM PLOIESTI BEVIZIA GHIGHIU MANASTIREA SUZANA 80 AUTOBAZA 1 PLOIESTI HIPODROM PLOIESTI BEVIZIA GHIGHIU MANASTIREA SUZANA S.C. EXPLOATARE LUCRARI IMBUNATATIRI FUNCIAR 0143C S.C. EXPLOATARE LUCRARI IMBUNATATIRI FUNCIAR 0143C S.C. EXPLOATARE LUCRARI IMBUNATATIRI FUNCIAR 0143C S.C. PAGURELE S.C. PAGURELE S.C. PAGURELE C.C. MAGURELE S.C. EXPLOATERE LUCRARI IMBUNATATIRI FUNCIAR 0143C S.C. PAGURELE C.C. MAGURELE C.C. MAGURELE C.C. DOVING SALBARCANESTI S.C. EXPLOATERE LUCRARI IMBUNATATIRI FUNCIAR 0143C	ork Ground- er Water	Surface Water	Network Water (Industrv)	Reuse	Total	Water Supply to Others	Supplier Code (Drinking)	Supplier Code (Industry):	Mooe Biock
U.M. 01999 BERCENI DOROBANTUL PLOIESTI DEPOULCF.RSEDIU UZUC PLOIESTI S.C. ASTRA ROMANA SA FORADEX PLOIESTI S.C. ASTRA ROMANA SA FORADEX PLOIESTI REVIZIA GHIGHIU MANASTIREA SUZANA AUTOBAZA 1 PLOIESTI REVIZIA GHIGHIU MANASTIREA SUZANA AUTOBAZA 1 PLOIESTI S.C. BOVING S.A BARCANESTI S.C. BOVING S.A BARCANESTI S.C. EXPLOATARE LUCRARI IMBUNATATIRI FUNCIAR 012A S.C. EXPLOATARE LUCRARI IMBUNATATIRI FUNCIAR 0143C	140	0		00	14.0	00			-
- 1 - 1 - 1 - 1 - 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2				05.7	1469.0	00			250
DEPOULC.F.RSEDIU UZUC PLOIESTI S.C. ASTRA ROMANA SA S.C. ASTRA ROMANA SA FORADEX PLOIESTI UPETROM PLOIESTI REVIZIA GHIGHIU MANASTIREA SUZANA AUTOBAZA 1 PLOIESTI AUTOBAZA 1 PLOIESTI HIPODROM PLOIESTI AUTOBAZA 1 PLOIESTI S.C. EXPLOATARE LUCRARI IMBUNATATIRI FUNCIAR 012A S.C. EXPLOATARE LUCRARI IMBUNATATIRI FUNCIAR 0143C	-		> <		0.000		2018		250
UZUC PLOIESTI S.C. ASTRA ROMANA SA S.C. ASTRA ROMANA SA FORADEX PLOIESTI UPETROM PLOIESTI REVIZIA GHIGHIU RAVASTIREA SUZANA AUTOBAZA 1 PLOIESTI HIPODROM PLOIESTI HIPODROM PLOIESTI HIPODROM PLOIESTI BIODROM PLOIESTI HIPODROM PLOIESTI S.C. EXPLOATARE LUCRARI IMBUNATATIRI FUNCIAR 012A S.C. EXPLOATARE LUCRARI IMBUNATATIRI FUNCIAR 0143C	_		0	0.0	330.3		-		
S.C. ASTRA ROMANA SA FORADEX PLOIESTI UPETROM PLOIESTI REVIZIA GHIGHIU RAVASTIREA SUZANA AUTOBAZA 1 PLOIESTI HIPODROM PLOIESTI HIPODROM PLOIESTI HIPODROM PLOIESTI BUNITATEA MILITARA 0235 CIORANI S.C. EXPLOATARE LUCRARI IMBUNATATIRI FUNCIAR 0124 S.C. EXPLOATARE LUCRARI IMBUNATATIRI FUNCIAR 0125 S.C. P. MAGURELE NUNITATEA MILITARA 0235 CIORANI 75 PROGRESUL SECTIA OXIGEN S.C.P. MAGURELE S.C.P. MAGURELE S.C.P. MAGURELE S.C.P. MAGURELE	0.0 303.0	0.0	0	285.3	588.7	0.0			8
FORADEX PLOIESTI UPETROM PLOIESTI REVIZIA GHIGHIU RAVASTIREA SUZANA AUTOBAZA 1 PLOIESTI HIPODROM PLOIESTI HIPODROM PLOIESTI HIPODROM PLOIESTI S.C. BOVING SABARCANESTI S.C. EXPLOATARE LUCRARI IMBUNATATIRI FUNCIAR 012A S.C. EXPLOATARE LUCRARI IMBUNATATIRI FUNCIAR 0143C S.C.P. MAGURELE S.C.P. MAGURELE S.C.P. MAGURELE S.C.P. MAGURELE S.C.P. MAGURELE S.C.P. MAGURELE	~	0.0	0	22143.3	24670.3	32.0	4162		250
UPETROM PLOIEST UPETROM PLOIEST REVIZIA GHIGHIU AUTOBAZA 1 PLOIEST HIPODROM PLOIEST HIPODROM PLOIEST HIPODROM PLOIEST S.C. BOVING SABARCANEST S.C. EXPLOATARE LUCRARI IMBUNATATIRI FUNCIAR 012A S.C. EXPLOATARE LUCRARI IMBUNATATIRI FUNCIAR 0143C S.C.P. MAGURELE S.C.P. MAGURELE ON AGURELE S.C.P. MAGURELE ON AGURELE	0.0 27.0	0.0	0	0.0	26.7	0.0	_		250
REVIZIA GHIGHIU REVIZIA GHIGHIU AUTOBAZA 1 PLOIESTI HIPODROM PLOIESTI BODROM PLOIESTI S.C. BOVING SABARCANESTI S.C. EXPLOATARE LUCRARI IMBUNATATIRI FUNCIAR 012A S.C. EXPLOATARE LUCRARI IMBUNATATIRI FUNCIAR 0143A S.C.P. MAGURELE S.C.P. MAGURELE 0143C	-		0	4233.3	5854.3	60.0	4162		250
MANASTIREA SUZANA MANASTIREA SUZANA 80 AUTOBAZA 1 PLOIESTI 92 S.C. BOVING SABARCANESTI S.C. EXPLOATARE LUCRARI IMBUNATATIRI FUNCIAR 0124 S.C. EXPLOATARE LUCRARI IMBUNATATIRI FUNCIAR 0143C S.C.P.P. MAGURELE S.C.P.P. MAGURELE 0143C		_	0	0.0	0.06	0.0	4162		250
AUTOBAZA 1 PLOIESTI AUTOBAZA 1 PLOIESTI S.C. BOVING SABARCANESTI S.C. EXPLOATARE LUCRARI IMBUNATATIRI FUNCIAR 012A S.C. EXPLOATARE LUCRARI IMBUNATATIRI FUNCIAR 012A S.C.P.P. MAGURELE S.C.P.P. MAGURELE 0143C		_	0	0.0	6.0	0.0	_		Dam2
HIPODROM PLOIESTI S.C. BOVING SABARCANESTI S.C. EXPLOATARE LUCRARI IMBUNATATIRI FUNCIAR 0128 UNITATEA MILITARA 0235 CIORANI PROGRESUL SECTIA OXIGEN S.C.P.P. MAGURELE OCCASA OCTORINI DI 100 AS	18.0 12.0	0.0	0	6.0	35.7	3.0	4162		250
S.C. BOVING SABARCANESTI S.C. EXPLOATARE LUCRARI IMBUNATATIRI FUNCIAR 0128 UNITATEA MILITARA 0235 CIORANI PROGRESUL SECTIA OXIGEN S.C.P.P. MAGURELE S.C.P.P. MAGURELE			0	0.0	23.3	0.0	4162		5 2
S.C. EXPLOATARE LUCRARI IMBUNATATIRI FUNCIAR 0143A S.C. EXPLOATARE LUCRARI IMBUNATATIRI FUNCIAR 0143A UNITATEA MILITARA 0235 CIORANI PROGRESUL SECTIA OXIGEN S.C.P.P. MAGURELE S.C.P.P. MAGURELE	0.0 13.0		0	0.0	13.3	0.0	_		276
75 75 0143C 45	_	112	0 1714		2838.3	2489.0	_	4045	217
25 0143C	-		0	0.0	17.3	0.0	_		280
0143C 45		0.0	0	60.0	136.0		-		250
A5	48.0 28	ю.	0 21	0.0	345.3	0.0	4212	4190	×
	0.0 27.0		0	0.0	0.17	0.0	_		ц.
-SECTIA IZVOARE			0	4.0	255.0	0.0	4212		240
26	41.0 48.0	.0 47.0	0	41.0	176.2	0.0	-		200
012B		.0 201.0	0	0.0	252.3	0.0			250
5	_		0	0.0	103.3	0.0	4374		280
LUI 55		0.0	0 0	0.0	11.7				۲
45	_	ō ō	0	0.0	20.7				250
CONSERVE MAGURELE		0	0 813	0.0	1259.0	**	_	4190	¥
80		0	0	0.0	79.3	0.0	-		A
4228 BAZA DE PRODUCTIE PLOIESTI	2.0	o o	0	0.0	20		4162		250
4230 PRIMARIA STOENESTI		0.	0	0.0	159.5	0.0	-		250
4231 AGROZODTEHNICA DRAGNESTI	0.0 12.0	0	0 207		219.0	0.0	~	4190	r
:	0.0	6.0 0.	0	0.0	6.0	0.0	~		280
U.M.01532	0.0	3.0 0.	0	0.0	3.3	0.0	_		250
4258 SOCIETATEA COMERCIALA AGROMEC DRAGANESTI 0141	0.0	7.0 0.7	0	0.0	7.0		•		x
4260 PRIMARIA POTIGRAFU	0.0 63.0	0	0	0.0	63.0	0.0			IJ
STI 1	130.0	0.0	0	0.0	130.0	0.0	4212		×
4770 S.C. AGROINDUSTRIALA CERES S.A. 012A	0.0' 81.0	0	0 1141	0.0	1221.7	0.0	-	4190	ر ک

Table B.2.4 Water Use Volume of Establishmet in Prahovar River Basin

(4/7)

									;	;	
Code Name of Establishment	Activity Code	Network Water (Drinking)	Ground- Water	Surface Water	Network Water (Industry)	Rouse	Total	Water Supply to Others	Supplier Code (Drinking)	Supplier Code (Industry):	Model Block
	0128	00	1220	-	0	0.0	123.0	0.0	~		ω
42/3 COPIMEA BRAZI]	00	-	176.0	0	0.0	367.0		~		0
428/ POMICULA MEREDINIA	20	216.0	•	·	0	140.0	545.0	õ	9 4037		217
) k	0.51		_	0	0.0	16.7	0.0			¥
4298 UNUT, TERUT 440 2005 INDURTRIC MICA MOADA DE MOZAIC	2 4	00	0	00		0.0	0.0	_	-		275
4505 INDUSTRIE MICH MCMAN BE MCMAN	9	24.0	01	0.0	0	0.0	25.0	0.0	4506		240
430/ I KANSPORT VALENII DE MONTE 1200 SOCIETATEA COMEDOLALA ANTEOD S À	98	24.0	5.0		0	17.0	46.0	0.0	•		250
	2 2	0.0	6.0		0	0.0	5.7	7 0.0	~		×
	<u> 1</u>	0.0	28		0	0.0	285.0	0.0	•		260
	. č	34.0			0	23.7	70.3	0.0	0 4162		260
	3	140	75.0		0	0.0	89.3	0.0	-		250
4313 ATLAS UN PLOIST	3 2	0.0	9.06		0	16.7	106.3	0.0	~		276
43.10 U.M. VI018 1210 DDAUOVEANA DI CIECTI	Ë	68.0	4.0		0	0.0	71.7	0.0	9 4162		250
43.16 FRANCY CANA FLORED I	38	24.0			0	16.3	40.3	0.0	•		250
4518 DASH FLORESH	38	0.0	•	_	0	0.0	66.3	0.0			Ŀ
	24	120		_	0	13.0	28.0		•		240
	45	212.0		0.0	0	0.0	217.3		4050		ន្ត
4224 S.C. HIMERVA S.A.	83	0.0	ă.	0.0	0	167.3	407.0		~		260
	75	0.0			0	0.0	86.3	0:0 0:0	~		276
4394 DELTA DESIGN S.A. COMPLEX DE AGREMENT DACI	92	0.0		-	0	0.0	220	_	~		ب
4207 S.C. DOVIT S.A.	0143C	0.0		0.0	0	0.0	57.0	_			۱.
	14	23.0			0	0.0	23.3		4034		217
4320 LOILOONO 1 4320 AITTORAZA-TELEAJÊN	09	8.0			0	0.0	8.0		*		250
A220 A1TORAZA 6 CALATORI	99	34.0	-	0.0	0	10.7	59.7				250
4291 INTEDNATIONAL SINAIA	55	248.0		0.0	0	0.0	248.0	0.0	Y		۲
	75	8.0		0.0	0	0.0	8.0	0.0	0 4162		250
4341 ASOCIATIA VINATORILOR SI PESCARILOR SPORTIVI	05A	0.0		57.0	0	0.0	57.3	0.0	~		250
4245 COMPLEX MUZEAL POSADA	55	0.0	32.0	0.0	0	0.0	31.7				۲
4343 CONPET SECTIA SIRT	09	10.0	29.0	0.0	0	0.0	38.3		•		250
4344 ANCOSTAR PLOIESTI	36	20	21.0		0	15.7	39.0		4162		250
4345 S.C. TRANSAGROSERV S.R.L PLOIESTI	012B	0.0	10.0		0	0.0	10.0		~		250
4348 ROMSILVA RA- OCOL SILVIC AZUGA	058	0.0		754		0.0	7540.0				195
4350 AGROCOM PLOIESTI	15	0.0	46.0		0	38.0	84.0		~		20
	Qa		1 1 1 1				1010				

Code	Name of Establishment	Activity Code	Network Water (Drinking)	Ground- Water	Surface Water	Network Water (Industry)	Reuse	Total	Water Supply to Others	Supplier Code (Drinking)	Supplier Code (Industry):	Mode! Block
1350	AGBICÓM	012A	0.0	5.0	ö		0.0	5.0		_		276
1 2024	4538 AGRICOM 4064 ADTA METALLILLEDOLDESTI	28	0.0	****	0.0	0	0.0	12.0	0.0	_		ال ا
4301 1 1 1	ARTA METALULUI DOLLOSII AAMMIII DE DATDINI MICIEA	85	123.0		-	0	0.0	123.3	0.0			217
		4	211.0) o	0.0	210.7	44.0	Y		250
	VOCIMAR Sditai uedatita daimoi	: %	14.0			0	0.0	13.7	0.0			250
	DOLLOCN DS (POL) DOVO	75	48.0			0	0.0	48.0				L
		808	29.0			0	0.0	28.7	0.0			276
	DUR MENTY COFI	29	320.0	4		Č	0 1311.3	2068.3		4162		260
		28	0.0			°	0 293.3	622.7	0.0			250
	OZILLE CATINA SI ANIC	14	24.0			Č o	0.0	24.3	0.0	•		¥
		28	260.0			õ	0 160.3	420.7		4162		250
		য	4.0	0.0	0.0	õ	0.0	40	_	•		Dan
		9	68.0			õ	0 21.0	0.68		•		217
		28	1270.0	0.0	0.0) o	0 4958.0	6228.0		-		217
		11	56.0		0.0	õ	0.0	56.0		-		280
		8	3.0	0.0	0.0	õ	0.0	3.0		4168		250
	WONTANA	55	208.0	0.0	0.0	õ	0.0	208.0				<
	S C R F A Z A S C M PINA	55	77.0	0.0	0.0	õ	0.0	76.7				217
	Cadaman	55	143.0	0.0		ŏ	0.0	143.3		-		195
		55	193.0	0.0		õ	0.0	193.3		·		4
		29	32.0	0.0	0.0	õ	0.0	32.0		-		250
		27	13.0	0.0		õ	0.0	13.3		-		250
		45	44.0	0.0	0.0	õ	0.0	44.0	0.0	9 4512		250
		51	40.0	0.0	0.0	0	0.0	40.0				217
		3	60.0	0.0	0.0	õ	0.0	60.0		-		250
	POLICETATEA COMERCIAL & APASCO S A MANFCIU	45	44.0	0.0	24.0	õ	0.0	68.3	0.0	•		ر
		29	263.0			0	0 521.7	784.3	0.0	•		250
		31	245.0	0.0	0.0	0	0 26.0	270.7		•		217
4555	SC PETROS SA	29	27.0	0.0	0.0	- 0	0 12.0	39.0		4034		2:7
4556	ASSE ACROMEC BARCANESTI	0141	2.0	0.0	. 0.0	ō	0.0	2.0		•		276
4557	FORAJ SONDE PLOIESTI		24.0	5.0	0.0	0	0.0	28.7		•		250
	4558 STEROM CAMPINA	29	476.0	0.0		0	0 1962.7	2439.0	0.0	•		217
4559	4559 NEPTUN CAMPINA	29	589.0	.0 0	0.0	0	0 757.3	1346.0		4034		
ACCO.		20	212	2		-		~	ē			C r r

								(Water	Volume U	(WaterVolume Unit: 1000mS/Year)	Year)
Code Name of Establishment	Activity Code	Network Water (Drinking)	Ground- Water	Surface Water	Network Water (Industry)	Reuse	Total	Water Supply to Others	Supplier Code (Drinking)	Supplier Code (Industry):	Model Block
1661 OTDION OMDINA	17	237.0			0	36.0	273.3				217
4361 CITRICIM CAMPINA Aces of Daitinit or Cimpina	5	0.06	0.0	0.0		0.0	90.06	0.0	4034		217
	85	49.0			с с	14.7	63.7				250
	8	48.0			•	0.0	48.3				217
400 GR.OV.VINFINA ASB II MIARS	75	65.0			0	0.0	65.3				220
ACC CAREDIDANS SA CIMPINA	99	367.0				243.0	610.3				217
	0124	43.0				0.0	345.0			4190	ر_
43/1 0.0. AURUS SUMERI 4603 S.C.E.E.TEOMONTA.I.S.A	29	21.0				0.0	38.7			4035	217
ADD BUCCESTINGTON DO	75	40.0					40.3				250
4000 CMM. 01000 C/C ENCE 7000	85	31.0					31.3				<u> 5</u> 0
AURI SPILAL BACKAN	3	119.0					118.7				217
ASS STITUT TOLD STATEMENT	85	244.0			0		244.3				217
4598 U.M.0865 SCOALA DE JANDARMI	75	67.0					67.0				217

Table B.2.4 Water Use Volume of Establishmet in Prahovar River Basin (7/7)

Method Control Control <th< th=""><th></th><th></th><th>1 3010</th><th>0.2.0</th><th>ace water</th><th>SUMACE WATER INTAKE VORUME</th><th></th><th></th><th></th></th<>			1 3010	0.2.0	ace water	SUMACE WATER INTAKE VORUME			
Cols Mumper of Establishment Mumper Subject Mumper Subject Revent (100 (100) 2008 SUTTERER X.2.00.4 X.2.448 7.10 Market Subject Product Priver (100) 2008 STREAD (AC) X.2.448 7.10 Market Subject Product Priver (100) 2018 ACD FY SULUK X.2.448 7.10 Market Subject Product Priver Acuste	Model				Activity			Volume	
0000 SNTTERFER Name Sound Transis Tran	Block	မီ ပိ	Name of Establishment	Municipality	Code	Activity	River	(1000m3)	Remarks
Obs State State State Aute <	195	4008	A.D.P.P. AZUGA	Azuga	41A1	Water Supply (Drinking)	Prahova	3622	
Q000 EFEE ACTIONA Auge 15 Food Benerative Auge	195	1004	SINTERREF AZUGA	Azuga	26	Non-Metallic Mineral Products	Azuga	ន	
 Markan Markan, Ausen Die Strans Jahr Trother Trans Products Pr	195	4006	BEREAZUGA	Azuga	15	Food/Beverage	Azuga	674	
408 Filt Family Control Auge 508 Filt Family Control Auge 203 FTUZ VAL Auge 209 Filt Family Control Prahova 2031 APENTIA Eventia 213 Resin Family Control Prahova 2031 APENTIA Eventia 213 Weer Supply (Inductor/Oncotor) Prahova 2031 APENTIA Supply Control Prahova Supply (Inductor/Oncotor) Prahova 2031 ADPS SIMUA Sinaia 214 Weer Supply (Inductor/Oncotor) Prahova 2033 APENTIAL Sinaia 214 Weer Supply (Inductor) Prahova 2033 APENTIAL VILTUBUL COMMANIC Commanic 113 Weer Supply (Inductor) Prahova 2033 APENTIAL VILTUBUL COMMANIC Commanic 113 Weer Supply (Inductor) Prahova 2033 APENTIAL VILTUBUL COMMANIC Commanic 113 Weer Supply (Inductor) Prahova 2033 APENTIAL VILTUBUL COMMANIC Comonic 113	195	. 4007	POSTAV AZUGA	Azuga	17	Textiles	Azuga	465	
400 5770, 2000 500	195	4348	ROMSILVA R.A OCOL SILVIC AZUGA	Azuga	058	Fish Farming (Cloan water)	Azuga	7540	
4011 ADEV/Tan/Tetrand Denoise 21 Neury Tetrand Prahova 431 ADEV/Tan/Tetrand Stational 414 Witer Supply (Industration Competing) Prahova 431 ADE/Stational Stational 23 Water Supply (Industration Competing) Prahova 431 ADE/Stational Stational 24 Mater Supply (Industration Competing) Prahova 433 Presson comments 14 Water Supply (Industration Competing) Prahova 433 Presson comments 14 Water Supply (Industration Competing) Prahova 433 Presson comments 13 Water Supply (Industration Competing) Prahova 433 Presson comments 13 Water Supply (Industration Competing) Prahova 433 Presson comments 13 Water Supply (Industration Competing) Prahova 433 Presson comments 13 Water Supply (Industration Competing) Presson comments 433 Societta National Comments 13 Water Supply (Industration Competing) Presona 441	195	4004	STIAZ AZUGA	Azuga	26	Non-Metallic Mineral Products	Prahova	119	
GIT ACTIVA PARENCIA Densional 41.X3 Water Supply (Inderestry/Dringford) Auster GIT ACE/PESIMUA Simala 41.A1 Weer Supply (Inderestry/Dringford) Parlona GIT ACE/PESIMUA Simala 41.A1 Weer Supply (Inderestry/Dringford) Parlona 4025 ACMARATELID Commic 41.A1 Weer Supply (Inderestry/Dringford) Parlona 4025 ACMARATELID Commic 41.A1 Weer Supply (Inderestry/Dringford) Parlona 4025 ACEL Commic 2.8 Monthy Quartyry Parlona 4025 ACEL Commic 2.8 Monthy Quartyry Parlona 4025 SCSTEAM Commic 4.1.A1 Water Supply (Inderestry Dorman 4035 SCSTEAM Parlona 2.3 Monthy Quartyry Dorman 431 SOCIETATINU Commic 4.1.A1 Water Supply (Inderestry Dorman 431 SOCIETATINE Parlona 2.3 Machiney/Fielding Dorman 431 SOCIETATINU Commic 4.1.A1 Water Supply (Inderestry Dorman 431 SOCIETATINU Parlona 2.3 Machiney/Fielding Dorman 431	501	1014	HAPTIA BUSTEN	Bustani	2	Paper/Paper Products	Prahova	4221	
401 A.D. P.S. SUNCH SUNCHER Prahora 4021 A.D. P.S. COMMANIC Simala 41.A1 Weet SUNCHER Prahora 4025 A.D. P.S. COMMANIC Comamic 1.A Weet SUNCHER Prahora 4025 A.D. P.S. COMMANIC Comamic 1.A Weet SUNCHER Prahora 4025 A.D. P.S. COMMANIC Comamic 1.A Weet SUNCHER Prahova 4025 A.D. P.S. COMMANIC Comamic 1.A Weet SUNCHER Prahova 4025 A.D. P.S. COMMANIC Comamic 1.A Weet SUNCHER Prahova 4025 A.D. P.S. COMMANIC Comamic 1.A Weet SUNCHER Prahova 4025 S.D. Common 1.A Weet SUNCHER Prahova 4035 S.D. Common 1.A Weet SUNCHER Prahova 4035 S.D. Common 1.A Weet SUNCHER Prahova 4035 S.D. Contrant Contrant Prahova Prahova 4035 S.D. Contrant Prahova Prahova Prahova 4035 S.D. Contrant Prahova Prahova Prahova 4035 S.D. Contrant Prahova Prahova Prahova 4035 <t< td=""><td>201</td><td>1212</td><td></td><td>Predeal</td><td>41A3</td><td>Water Supply (Industory/Drineking)</td><td>Azuga</td><td>871</td><td></td></t<>	201	1212		Predeal	41A3	Water Supply (Industory/Drineking)	Azuga	871	
4018 A.D.P.P.SIMMA Smaal 41A1 Weer Supply (Drinking) Prahora 4021 A.D.P.P. COMRANC Comminic 23 Machineav/Feujimment Prahora 4023 P.D.D. COMRANC Comminic 1A Weer Supply (Drinking) Prahora 4023 P.S.D. COMRANC Comminic 1A Weer Supply (Drinking) Prahora 4023 P.S.D. COMRANC Comminic 1A Weer Supply (Drinking) Prahora 4025 F.S.D. COMARNC Comminic 1A Weer Supply (Drinking) Prahora 4025 F.S.D. COLATAN VALEX ODFTANEI View Drinking) Drinking Prahora 4025 F.S.D. COLATAN POLISCIA Comminic 4 A Weer Supply (Drinking) Drinking 4035 S.S.S.TEALM APONINA Comminic 4 A Weer Supply (Drinking) Drinking 4035 S.S.S.TEALM APONINA Comminic 4 A Weer Supply (Drinking) Drinking 4035 S.S.S.TEALM APONINA Comminic 4 A Weer Supply (Drinking) Drinking 4035 S.S.S.TEALM APONINA Comminic 4 A Weer Supply (Drinking) Drinking 4035 S.S.TEALM APONINA Complant	2	2				Sub-total		17595	
GOT MENN SINUAL Communic 29 Machiner/Foliment Prahora 4036 AJD PS. COMARNO Communic 41 AI Water Supply (Drinking) Prahora 4036 AJD PS. COMARNO Communic 14 AI Water Supply (Drinking) Prahora 4031 VILTUBLL COMARNO Communic 14 AI Water Supply (Drinking) Prahora 4035 RAJCL CAMPANIC Communic 14 AI Water Supply (Drinking) Prahora 4035 SCOLTAL NANCTORLOR STORTH Commanic 13 Water Supply (Drinking) Drinking 4035 SCOLTAL NANCTORLOR STORTH Commona 41A Water Supply (Drinking) Drinking 4035 SCOLTAL NANCTORLOR STORTH Commona 23 Previour Drinking Drinking 4035 SCOLTAL NANCTORLOR STORTH Commona 23 Drinking Drinking Drinking 4035 SCOLTAL NANCTORLO Commona 23 Lowetscok Fam (Grank) Drinking 4035 SCOLTAL NANCTORLO Commona 23	4	4010	A M D D SIMALA	Sinala	4141	Water Sundy (Drinking)	Prahova	1382	
Matrix Matrix<	٤ <			Circle	00	Machinew/Fouriement	Prahova	275	
4036 ADPP: COMARNIC Comarnic 41A1 Water Supy (Critiking Prahova 4031 PERSON Comarnic 14 Non-Metallia Mineral Products Prahova 4035 PRESCAL Comarnic 14 Non-Metallia Prahova 4035 PRESCA Comarnic 14 Non-Metallia Prahova 4035 PRESCALL Comarnic 14 Non-Metallia Prahova 4035 SATELL Comarnic 14 Non-Metallia Prahova 4035 SATELL Comarnic 14 Non-Metallia Prahova 4035 SATELL Anter Supy (Orinking) Doffana 4 Anter Supy (Orinking) 4035 SATELL Anter Supy (Orinking) Doffana 4 Anter Supy (Orinking) 4035 SATELL Anter Supy (Orinking) Doffana 2 Prahova 4035 SCIFELIA POLOTARE Understory (Orinking) Doffana Prahova 4131 Non-Orinking Prahova Prahova 2 Matchiffony Prahova 4235 SCIFELIA PLICIA PLOIESTI SH. MANCOU Prahova Sub-trait Prahova 4131 Nater Supy (Orinking) Doffana 2 Prahova	۲	1704	METIN SUMMA	011101	40	Cubertal		1657	
403 RALPL: COMARNIC Comarnic 41Al Water Supply (Instruction Products Pranova 203 RALOLL COMARNIC Comarnic 41Al Water Supply (Instruction) Defrance 203 RALOLL COMARNIC Comarnic 41Al Water Supply (Instruction) Defrance 203 RALOLL CAMPINIC Comarnic 41Al Water Supply (Instruction) Defrance 203 RALOLL CAMPINIC Comarnic 41Al Water Supply (Instruction) Defrance 203 RALOLL COMBRICI Vater Supply (Instruction) Defrance 203 RALOLL COMBRICI Vater Supply (Instruction) Defrance 203 RALOLL COMBRICI Manuel 25 Mater Supply (Instruction) 203 SCIFELAR ROWAN SA Comarnic 41A Water Supply (Instruction) Defrance 203 SCIFELAR ROWAN SA Comarnic 11 Compared (Instruction) Pranova 203 SCHELAR PLOISTINA NATORILUR Manuel 41Al Water Supply (Instruction) Pranova 203 SCHELAR RUCARARI Comarnic 11 Construction Pranova 203 SCHELAR PLOISTINA WARECIU Marcelu 11 <td< td=""><td></td><td></td><td></td><td>×</td><td></td><td></td><td>October 1</td><td>21.2</td><td></td></td<>				×			October 1	21.2	
403 FILAL PLOTESTI S.H. PALL 1 313 VILLIDRU COMARNIC Comarnic 14 Non-Mintarilie Minerali Productor Pranova 2033 X.PLLAL DECIRISTI S.H. PALL Comarnic 14 Non-Mintarilie Minerali Productor Pranova 2035 X.PLLAL DECIRISTI S.H. PALLINU Comarnic 14 Nater Supply (Drinking) Driftena 2035 X.PLLA TOMANUS Compilia 4/A1 Water Supply (Drinking) Driftena 2035 S.C.STEAUA ROMANUS Compilia 2/A Water Supply (Drinking) Driftena 4351 SOCIETATE COMPRICUES IS PRECONTIAN SA Compilia 2/A Mater Supply (Drinking) Driftena 4351 SOCIETATE COMPRICUES NAMECUU Pranova 2/A Mater Supply (Drinking) Pranova 4351 SOCIETATE COMPRENU Compala 2/A Mater Supply (Drinking) Pranova 4351 SOCIETATE COMPRENU Pranova Driftena Driftena Driftena 4351 SOCIETATE COMPRENU Pranova Driftena Driftena Driftena <	200	4026	A.D.P.P. COMARNIC	Comarnic	41A1	water Supply (Uninking)	EVOLETY	010	
4213 VULTURUL COMARNIC Comment 26 Non-Metallic Mineral Products Pratival 1 4235 PRIMARIA VLA FLODETTISLI PALTINU Valear Supply (Indirector) Defrana 1 4235 PRIMARIA VLA PLOBETTISLI PALTINU Valear Supply (Indirector) Defrana 4335 RAGUL CAMPINA Compina 4/A1 Water Supply (Indirector) Defrana 4355 SCSTEALA REA FLUIL Name: Undirector) 053 Revension Refinery Defrana 4355 SOCIETATEA COMFICIAL APASCO SAMANECIU Mareer Supply (Indirector) Defrana 4355 SCE SPECARDURDIS IS PLANATTRI Pranova 23 Mareer Supply (Indirector) Defrana 4355 SCE SPECARDURDIS IS PLANATTRI Pranova 230 Pranova 230 SUP Tradit Pranova 4355 SCHEL DI EPIRODUCIETA MORENU Mareeriu 471 Water Supply (Indirector) Pranova 4355 SCHEL DI EPIROUCIETA MORENU Mareeriu 471 Water Supply (Indirector) Pranova 4355 SCHEL DI EPIROUCIETA MORENU Mareeriu	8	4027	PRESCON COMARNIC	Comarnic	14	Mining/Guarrying	Prahova	<u>ड</u> ्	
1 1 1.375 PRIMARIA VALEN ODFTANEL Values Deftanei 4/A1 Water Supply (Idmining) Deftanei 0.056 A RAX FLUUX, POIESTI S.H. PALTNU Compina 4/A1 Water Supply (Idmining) Deftanei 0.056 A RAX FLUX, POIESTI S.H. PALTNU Compina 4/A1 Water Supply (Idmining) Deftanei 0.055 ScSTEALA ROMMALS A Compina 4/A1 Water Supply (Idmining) Deftanei 0.051 ScSTEALA ROMMALS A Compina 4/A1 Water Supply (Idmining) Deftanei 0.051 ScSTEALA ROMMALS A Compina 4/A1 Water Supply (Idmining) Deftanei 0.051 ScSTEALA ROMMALS A Compina 4/A1 Water Supply (Idmining) Deftanei 0.051 ScSTEALA ROMMALS A Compina 1/A1 Water Supply (Idmining) Deftanei 0.051 ScSTEALA ROMMALS A Compina 1/A1 Water Supply (Idmining) Deftanei 0.051 ScSTEALA ROMMALS A Compina 1/A1 Water Supply (Idmining) Deftanei 0.052 ScSTEALA ROMMALS A Compinition 1/A1 Water Supply (Idmining) Deftanei 0.052 ScSTEALA ROMMALS A Compinition 1/A1 Water Supply (Idmining) Deftanei <td>200</td> <td>4213</td> <td>VULTURUL COMARNIC</td> <td>Comarnic</td> <td>26</td> <td>Non-Metallic Mineral Products</td> <td>Frahova</td> <td>41</td> <td></td>	200	4213	VULTURUL COMARNIC	Comarnic	26	Non-Metallic Mineral Products	Frahova	41	
1 Canadia Val. Value Sciency (Drinking) Ordname 033 R.R.A. FLIALA PLOIESTIS.H PALTINU Compine 41/Ai Water Supply (Industron/Uningine) Doftana 033 R.G.CL. CAMPINA, Compine 41/Ai Water Supply (Industron/Uningine) Doftana 033 R.G.CL. CAMPINA, Sa Compine 41/Ai Water Supply (Industron/Uningine) Doftana 033 R.G.CL. CAMPINA, Sa Compine 41/Ai Water Supply (Industron/Uningine) Doftana 431 SOCIETATEA CONERCIALA APASCO S.A.MANEOLU Maneciu 45 Construction Doftana 431 SOCIETATEA CONERCIALA APASCO S.A.MANEOLU Maneciu 41 Value Doftana 430 SOCIETATEA CONERCIALA APASCO S.A.MANEOLU Maneciu 41 Value Doftana 431 SOCIETATEA CONERCIALA PLOIESTI S.H. NEDELEA Morenti 11 Value Value 431 SOCIETATEA CONERCIULA PLOIESTI S.H. NEDELEA Maneciu 41A1 Water Suppty (Industron) Prahova 4323 SOFIELA RECULAR PLOIESTI S.H. VALENI Maneciu 41A1 Water Suppty (Ioriking) Prahova 433 SOFIELA RECULAR PLOIESTI S.H. VALENI Maneciu 41A1 Water Suppty (Ioriking) Prahova 433 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>Sub-total</td> <td></td> <td>399</td> <td></td>						Sub-total		399	
0355 R.R.A. FLUAL D.DOIESTI S.H. PALTINU Cmoinea 4/1/Ai Water Supply (Industry/Informe) Doffanea 033 S.G.STEAUL KARPINAL Cmoinea 4/1/Ai Water Supply (Industry/Informe) Doffanea 033 S.G.STEAUL RAPIALS Construction Doffanea 23 Forobaun Refinery Doffanea 431 SOCIETATA CONFERILIA FRESCARLOR SPORTIVI Processi 0.43 Forobaun Refinery Doffanea 431 SOCIETATA CONFERILIA FRESCARLOR SPORTIVI Processi 0.43 Horobaun Refinery Doffanea 431 SOCIETATA CONFERILIA FRESCARLOR SPORTIVI Processi 0.43 Horobaun Refinery Doffanea 432 SC FETROULERA UNBLUNATTRI Processi 0.123 Luneaction (Cross) Prabrova 433 SC SCHELA DE PRODUCTIE FETROLERA Moreni 11 Crude Cross) Prabrova 433 SC SCHELA DE PRODUCTIE FETROLERA Moreni 41A1 Water Supply (Ornitoring) Prabrova 433 SC SCHELA DE PRODUCTIE FETROLERA Moreni 41A1 Water Supply (Ornitoring) Prabrova 433 SCHELA DE PRODUCTIE FETROLERA Moreni 41A1 Water Supply (Ornitoring) Prabrova 433 SCHELA DE PRODUCTIE PROLERA Moreni 11 <t< td=""><td>Daml</td><td>4375</td><td>PRIMARIA VALEA DOFTANEI</td><td>Valea Doftanei</td><td>41A1</td><td>Water Supply (Drinking)</td><td>Doftana</td><td>40</td><td></td></t<>	Daml	4375	PRIMARIA VALEA DOFTANEI	Valea Doftanei	41A1	Water Supply (Drinking)	Doftana	40	
4034 RAGGLL CAMPINA, Cimpina 21 Petroleum Refinery Conductory/Gringtong, Doftana 431 SIGNETATEA COMFECIALA APASCO SAMARECIU Cimpina 23 Petroleum Refinery Doftana 431 SIGNETATEA COMFECIALA APASCO SAMARECIU Maneciu 45 Construction Doftana 431 SIGNETATEA COMFECIALA APASCO SAMARECIU Maneciu 45 Construction Doftana 431 SIGNETATEA COMFECIALA APASCO SAMARECIU Maneciu 45 Compina 23 Construction Doftana 431 SIGNETATEA COMFECIALA APASCO SAMARECIU Maneciu 0128 Livestock Family Prabova 432 SCRETA FLUALA PLOIESTI SH, MANECIU Raneciu 41A Water Supply (Drinking) Prabova 433 SCRELA DE PRODUCTIE PETROLIERA MOREUU Maneciu 41A Water Supply (Drinking) Toleajan 433 SCRELA PLUCESTI SH, MANECIU Maneciu 41A Water Supply (Drinking) Toleajan 433 SCRELA FLUALA PLOIESTI SH, MANECIU Maneciu 41A Water Supply (Drinking) Toleajan 433 CORINGY SECTOR MANECIU Maneciu 41A Water Supply (Drinking) Toleajan 433 CORINGY SECTOR MANECIU Valentidi 41A Water	8	4036	A.R.A. FILIALA PLOIESTI S.H. PALTINU	Cimpina	41A1	Water Supply (Drinking)	Doftana	68424	Voila Intake
4035 SCSTEAUA ROMAN SA 451 Cimpina SCREAUA VINATORNA SA 451 Construction SOFFERIOR Cimpina SCREAUA 23 Perform Refinany Sofferiaria Doftana Doftana Sofferiaria 451 SCSTEAUA VINATIRA I SOCIETATE ACOMFECIALA APASCO SAMARECUU Proinesti SOFE 55 Fish Farming Doftana Doftana 451 SCSEPLOATARE LUCRARI MBUNATATIRI Compina 29 Machining Instruction Doftana 428 SC EPLOATARE LUCRARI MBUNATATIRI Proinesti Alta SCRE Familia Unstroch Familia Prahova 419 SC EPLOATARE LUCRARI MBUNATATIRI Proinesti Alta Vaceni 112 Unvestori (Crops) Prahova 4235 SCHELA DE PRODUCTIE PETROLLERA MORENU Annociu 41A1 Water Supply (Drinking) Teleajen 4235 SCHELA DE PRODUCTIE PETROLLERA MORENU Valentii de 41A1 Water Supply (Drinking) Teleajen 4235 SCHELA DE PRODUCTIE MARCOU Manociu 41A1 Water Supply (Drinking) Teleajen 4235 SCHELA DE PRODUCTIE MARCOU Valentii de 41A1 Water Supply (Drinking) Teleajen 4205	b	4034	RAGCL CAMPINA	Cimpina	41A3	Water Supply (Industory/dringking)	Doftana	8675	
4331 SGOCIATA VINATORILÔR SI PESCARLOR SPORTIVI Ploiesti 0 GA Fish Farming Doffana 4351 SOCIETATA VINATORILÔR SI PESCARLOR SPORTIVI Maneciu 45 Construction Doffana 4351 SOCIETATE A COMERCIALA APASCO S.A.MANECIU Maneciu 45 Construction Doffana 4381 SCE PETROCILEAL APASCO S.A.MANECIU Maneciu 43 Mantimert Prabova 4305 S.C.E PETROCILEAL APASCO S.A.MANECIU Paneciu 112 Mantimert Prabova 4305 S.C.E PETROCILEAL APASCO S.A.MANECIU Resci 0128 Livestock Fam (small) Prabova 4315 S.C.E PETROCILERA MOREN Anosciu 41A1 Water Suppy (Ornitarg) Prabova 4335 SCEPL. DE PRODUCILE PETROLIERA MOREN Maneciu 41A1 Water Suppy (Ornitarg) Prabova 4335 SCEPL. MANECU Maneciu 41A1 Water Suppy (Ornitarg) Prabova 4335 SCEPL. MANECU ZOMICY BROZI Totaliu Totaliu 4335 SCEPL. MANECU Vater Suppy (Ornitarg) Prabova 4335 SCEPL. MANECU Vater Suppy (Ornitarg) Prabova 4338 SCOMICY BLEJ Vater Suppy (Ornitarg) Prabova 438 SCOMICY	0	4035	S.C.STEAUA ROMANA SA	Cimpina	23	Petroleum Refinery	Doftana	218	
dist SOCIETATEA COMERCIALA APASCO SAMANECIU Manonicu 45 Construction Doftane 4351 SOCIETATEA COMERCIALA APASCO SAMANECIU Manchinery/Feuriner	0	4341		Ploiesti	05A	Fish Farming	Doftana	57	
4282 S.C. PETRÓUTILAUSA Sub-total 4190 S.C. EPETRÓUTILAUSA Machinera 29 4190 S.C. EPETRÓUTILAUSA Machinera Prahova 4190 S.C. EPETRÓUTILAUSA Unestoix 1143 Machinera Prahova 4201 S.C. EPETROULERA MORENI Poisesti 41A2 Water Distribution (Cross) Prahova 4215 RARAA FLIJALA PLOIESTI S.H. NEDELEA Aricesti 41A2 Water Supply (Drinking) Prahova 4273 SCHELLA PLOIESTI S.H. MANECIU Braici 012B Livestock Fam (small) Prahova 4273 SCHELLA PLOIESTI S.H. VALENI Branceiu 41A1 Water Supply (Drinking) Telesjen 4273 SCHELLA PLOIESTI S.H. VALENI Naneciu 41A1 Water Supply (Drinking) Telesjen 4273 SCHELLA PLOIESTI S.H. VALENI Valeini de 41A1 Water Supply (Drinking) Telesjen 4285 RTAGCL VALENI Valeini de 41A1 Water Supply (Drinking) Telesjen 4285 STICLOVAL VALENI Valeini de 41A1 Water Supply (Drinking) Telesjen 4285 STICLOVAL VALENI Valeini de 41A1 Water Supply (Drinking) Telesjen 4285 SCLEVALE Nat	c	4551		Maneciu	45	Construction	Doftana	24	
4282 S.C. PETROOTILAU S.A. Cimplie 29 Machinary/ Equipment Prahova 4216 S.C. SCPLOATARE LUCRARI IMBUNATATIRI Cimplie 23 Livestock Fam (small) Prahova 4216 DAMOCIA BACOI Baloci 0143A Livestock Fam (small) Prahova 4216 DAMOCIA BACOI Baloci 11 Curda Cit Prahova 4216 DAMOCIA ELIDAA PLOIESTI S.H. MADEOL Moreni 11 Curda Cit Prahova 4213 SCHELA DE PRODUCTIE PETROLIERA MORENI Moreniu 11 Curda Cit Prahova 4213 SCHELA PLOIESTI S.H. MANECIU Maneciu 41A1 Water Suppty (Dmining) Teleajen 4212 ARRA FILUALA PLOIESTI S.H. VALENI Valenii de 41A1 Water Suppty (Dmining) Teleajen 4212 ARRA FILUALA PLOIESTI S.H. VALENI Valenii de 41A1 Water Suppty (Dmining) Teleajen 4212 ARRA FILUALA PLOIESTI S.H. VALENI Valenii de 41A1 Water Suppty (Dmining) Teleajen 4213 ARRA FILUALA PLOIESTI S.H. VALENI Valenii de 41A1 Water Suppty (Dmining) Teleajen 4213 ARRA FILUALA PLOIESTI S.H. VALENI Valenii de 41A1 Water Suppty (Dmining) Teleajen <td< td=""><td>•</td><td></td><td></td><td></td><td></td><td>Sub-total</td><td></td><td>8974</td><td></td></td<>	•					Sub-total		8974	
4190 SC: EXPLOATARE LUCRARI MBUNATATIRI Ploiesti 0143A Irrigation (Crops) Prahova 4213 RAMA FLUESTI S.H. NEDELEA Moreni 11.2 Uvestock Farm (small) Prahova 4213 SCHELA DE PRODUCTIE PETROLERA MORENI Moreni 11.2 Uvestock Farm (small) Prahova 4213 SCHELA DE PRODUCTIE PETROLERA MORENI Moreni 11.2 Uvestock Farm (small) Prahova 4213 SCHELA DE OROUCTIE PETROLERA MORENI Moreni 41.4 Uvestock Farm (small) Prahova 4213 SCHELA DE OROUCTIE PETROLERA MORENI Moreni 41.4 Water Supply (Drinking) Teleajen 4213 SCHELA DE OROUCTIE PETROLERA MORENI Valenii de 41.41 Water Supply (Drinking) Teleajen 4203 SRRA FILULA PLOIESTI S.H. VALENI Valenii de 41.41 Water Supply (Drinking) Teleajen 4203 STICLOVAL Valenii de 41.41 Water Supply (Drinking) Teleajen 4305 RAGCL VALENI Valenii de 41.41 Water Supply (Drinking) Teleajen 4305 RAGOLL VALENI Valenii de 41.41 Water Supply (Drinking) Teleajen 4305 SCPPL MANCEIU Valenii de 41.41 Water Supply (Drinking)	217	4292	S.C. PETROUTILAJ S.A	Cimpina	29	Machinery/Equipment	Prahova	189	
4216 POMICOLÁ BAICOI Baicoi 012B Livestock Fam (small) Prahova 4205 ARA FILIALA PLOIESTI S.H. NEDELEA Morenii 41A2 Warer Oistrividon (hidurory) Prahova 4203 SCHELA DE PRODUCTIE PETROLIERA MORENI Morenii 41A2 Warer Oistrividon (hidurory) Prahova 4273 SCHELA DE PRODUCTIE PETROLIERA MORENI Moreniu 41A1 Warer Suppi (Drinking) Prahova 4273 SCREA MANECUU Maneciu 41A1 Water Suppi (Drinking) Teleajen 4203 SE.P.L. MANECUU Maneciu 41A1 Water Suppi (Drinking) Teleajen 4205 R.K.G.C.L VALENI Valenii de 41A1 Water Suppi (Drinking) Teleajen 4305 ST.GLOVAL VALENI Valenii de 41A1 Water Suppi (Drinking) Teleajen 4121 GSCOM SLANIC Slanic 41A1 Water Suppi (Drinking) Teleajen 4121 GSCOM SLANIC Slanic 41A1 Water Suppi (Drinking) Teleajen 4121 GSCOM SLANIC Slanic 41A1 Water Suppi (Drinking) Teleajen 4121 GSCOM SLANIC Slanic 41A1 Water Suppi (Drinking) Teleajen 4122 SCONAL VALENI Valenii de	217	4190	S.C. EXPLOATARE LUCRARI IMBUNATATIRI	Ploiesti	0143A	Irrigation (Crops)	Prahova	1121	
4045 AR.K.A. FILJALA PLOIESTI S.H. NEDELEA Aricestii 41A2 Water Distribution (Inductory) Prahova 4235 SCHELA DE PRODUCTIE PETROLIERA MORENI Morenii 11 Cude Oil Extraction Prahova 4235 SCHELA DE PRODUCTIE PETROLIERA MORENI Morenii 11 Cude Oil Extraction Prahova 4273 COPIMICY BRAZI Brazi 012B Livestock Fam (small) Prahova 4201 ARRA. FILJALA PLOIESTI S.H. MANECIU Maneciu 41A1 Water Suppy (Drinking) Telesjen 4203 SEPPL MANECIU Naneciu 20 Mater Suppy (Drinking) Telesjen 4306 RAGGL VALENI Valenii de 41A1 Water Suppy (Drinking) Telesjen 4305 STICLOVAL VALENI Valenii de 41A1 Water Suppy (Drinking) Telesjen 4306 RAGGL VALENI Valenii de 41A1 Water Suppy (Drinking) Telesjen 4306 STICLOVAL VALENI Valenii de 14 Mater Suppy (Drinking) Telesjen 4306 STICLOVAL VALENI Valenii de 14 Mater Suppy (Drinking) Telesjen 4306 SCOVAL VALENI Valenii de 0143C Integer 0143C Unde <ttr> 410 Mater Suppy (Drinking)</ttr>	217	4216	POMICOLA BAICOI	Baicoi	0128	Livestock Farm (small)	Prahova	201	
4235 SCHELA DE PRODUCTIE PETROLIERA MORENI Moreni 11 Crudo Oil Extraction Prahova 4273 SCHELA DE PRODUCTIE PETROLIERA MORENI Moreni 11 Crudo Oil Extraction Prahova 4273 COPIMEX BRAT Brazi 012B Liverstock famili Prahova 4273 COPIMEX BRAT Brazi 012B Liverstock famili Prahova 428 NERCA ANNECIU Maneciu 41A1 Water Supply (Drinking) Teleajen 4208 SEPPL MANECIU Maneciu 41A1 Water Supply (Drinking) Teleajen 4308 SEPPL MANECIU Maneciu 41A1 Water Supply (Drinking) Teleajen 4306 STICLOVAL VALENI Valenii de 41A1 Water Supply (Drinking) Teleajen 4308 STICLOVAL VALENI Valenii de 41A1 Water Supply (Drinking) Teleajen 4308 STICLOVAL VALENI Valenii de 41A1 Water Supply (Drinking) Varbiau 4308 STICLOVAL VALENI Valenii de 41A1 Water Supply (Drinking) Varbiau 4308 STICLOVAL VALENI Valenii de 41A1 Water Supply (Drinking) Varbiau 4308 STICLOVAL VALENI Valenii de 41A1 Wat	217	4045	A.R.R.A. FILIALA PLOIESTI S.H. NEDELEA	Aricestii	41A2	Water Distribution (Inductory)	Prahova	16861	Nedelea Intake
4213 COPINICY BRAZI Sub-total 4213 COPINICY BRAZI Liverstock Fam (small) 4215 ARKA, FILJAL PLOIESTI S.H. MANECIU Brazi 012B Liverstock Fam (small) 4215 ARKA, FILJAL PLOIESTI S.H. MANECIU Maneciu 41A1 Water Supply (Drinking) Teleajen 4089 SE P.P.L. MANECIU Maneciu 20 41A1 Water Supply (Drinking) Teleajen 4080 SE P.P.L. MANECIU Maneciu 20 41A1 Water Supply (Drinking) Teleajen 4080 SE P.P.L. MANECIU Maneciu 20 41A1 Water Supply (Drinking) Teleajen 4095 STICLOVAL VALENI Valenii de 41A1 Water Supply (Drinking) Teleajen 4005 STICLOVAL VALENI Valenii de 41A1 Water Supply (Drinking) Teleajen 4121 GOSCOM SLANIC Valenii de 41A1 Water Supply (Drinking) Teleajen 4205 SC.P.P. MAGURELE Magurele 0143C Mater Supply (Drinking) Varbiau 4205 SC.P.P. MAGURELE Magurele 0143C Mater Supply (Drinking) Varbiau 4205 SC.P.P. MAGURELE Magurele 0143C Mater Supply (Drinking) Varbiau 4205 </td <td>217</td> <td>4235</td> <td>SCHELA DE PRODUCTIE PETROLIERA MORENI</td> <td>Moreni</td> <td>11</td> <td>Crude Oil Extraction</td> <td>Prahova</td> <td>343</td> <td></td>	217	4235	SCHELA DE PRODUCTIE PETROLIERA MORENI	Moreni	11	Crude Oil Extraction	Prahova	343	
4273 COPIMEX BRAZI Prehove Prehove 4275 ARRA. FILULA PLOIESTI S.H. MANECIU Maneciu 41A1 Water Supply (Drinking) Fleagen 4275 ARRA. FILULA PLOIESTI S.H. MANECIU Maneciu 41A1 Water Supply (Drinking) Teleagen 4088 NERGA MANECIU Maneciu 20 Vater Supply (Drinking) Teleagen 4085 SE P.P.L. MANECIU Maneciu 41A1 Water Supply (Drinking) Teleagen 4085 STCLOVAL VALENI Valenii de 41A1 Water Supply (Drinking) Teleagen 4085 STCLOVAL VALENI Valenii de 14 Mining/Ouarrying Teleagen 4085 STCLOVAL VALENI Valenii de 141 Water Supply (Drinking) Teleagen 4095 STCLOVAL VALENI Valenii de 14A1 Water Supply (Drinking) Teleagen 4095 STCLOVAL VALENI Valenii de 14A1 Water Supply (Drinking) Teleagen 4005 SC.P.P. MAGURELE Manuelle 0143C Valeniau Varibiau 4206 SC.P.P. MAGURELE Magurele 0143C Varibiau Varibiau 4206 SC.P.P. MAGURELE Magurele 0143C Varibiau Varibiau 420						Sub-total		18715	
4275 ÅR.A. FILJALA PLOIESTI S.H. MANECIU Maneciu 41A1 Water Supply (Drinking) Teleajen 4285 R.E.A. FILJALA PLOIESTI S.H. MANECIU Maneciu 41A1 Water Supply (Drinking) Teleajen 4388 NERCA MANECIU Maneciu 41A1 Water Supply (Drinking) Teleajen 4385 S.E.P.P. MANECIU Maneciu 41A1 Water Supply (Drinking) Teleajen 4305 S.TICLOVAL VALENI Valenii de 41A1 Water Supply (Drinking) Teleajen 4305 S.TICLOVAL VALENI Valenii de 14 Minn/Quarying Teleajen 4306 S.TICLOVAL VALENI Valenii de 41A1 Water Supply (Drinking) Teleajen 4121 GOSCOM SLANIC Nacuride 41A1 Water Supply (Drinking) Teleajen 4120 SC.P.P. MAGURELE Magurele 0143C Juningr Outs Teleajen 417 SC.P.P. MAGURELE Magurele 0143C Mater Supply (Drinking) Varbilau 4206 SC.P.P. MAGURELE Magurele 0143C Juningr Outs Varbilau 4206 SC.P.P. MAGURELE Magurele 14 Water Supply (Drinking) Varbilau 4206 SC.P.P. MAGURELE Magurele 24	L	4273	COPIMEX BRAZI	Brazi	012B	Livestock Farm (small)	Prahova	**	
4088 NERGA MANECIU SECTOR MANECIU Maneciu 211 Water Supply (Drinking) Teleajen 4089 S.E.P.L., MANECIU Maneciu 20 Wood Teleajen 4212 A.R.A. FILJALA PLOIESTI S.H. VALENI Waneciu 20 Wood Teleajen 4506 R.A.G.CL. VALENI Valenii de 41A1 Water Supply (Drinking) Teleajen 4506 S.C.IC/VALENI Valenii de 14 Mining/Quarrying Teleajen 4095 STICLOVAL VALENI Valenii de 14 Water Supply (Drinking) Teleajen 4035 STICLOVAL VALENI Valenii de 14 Water Supply (Drinking) Teleajen 4035 STICLOVAL VALENI Valenii de 14 Water Supply (Drinking) Teleajen 4127 GOSCOM SLANIC Bugoi 45 Construction Varbilau 4209 PREFABRICATE BLEJOI Bugoi 45 Construction Varbilau 4209 PREFABRICATE BLEJOI Bucov 92 Recreational/Cuturel/Sporting Activity Teleajen 4209 PREFABRICATE BLEJOI Bucov 92 Recreational/Cuturel/Sporting Activity Teleajen 4209 FECROMEOSFOCHIM SA Valeatin Valeagen Varbilau <		4275	A.R.R.A. FILIALA PLOIESTI S.H. MANECIU	Maneciu	41A1	Water Supply (Drinking)	Teleajen	1102	
4089 SEPPL Maneciu 20 Wood Telesjen 4212 ARRA FILIALA PLOIESTI S.H. VALENI Valenii de 41A1 Water Supply (Drinking) Telesjen 4212 ARRA FILIALA PLOIESTI S.H. VALENI Valenii de 41A1 Water Supply (Drinking) Telesjen 4506 R.A.G.C.L. VALENI Valenii de 14 Mater Supply (Drinking) Telesjen 4095 STICLOVAL VALENI Valenii de 14 Water Supply (Drinking) Telesjen 4095 STICLOVAL VALENI Valenii de 14 Water Supply (Drinking) Telesjen 4005 SCOM SLANIC Sanic 41A1 Water Supply (Drinking) Telesjen 4127 GOSCOM SLANIC Sub-total Varbilau 4206 SC.P.P. MAGURELE Magurele 0143C Imgetuon (Mine) Varbilau 4209 PREFABRICATE BLEJOI Busjoi 45 Construction Telesjen 4205 DELTA DESIGN S.A. COMPLEX DE AGREMENT Busjoi 45 Chemicals/Chemical Products Telesjen 4205 DELTA DESIGN S.A. COMPLEX DE Albestin Vales Sub-total Cricovul 4217 S.C.ROMFOSFOCHIM SA Valestin 15 Food/Beverage Cricovul <tr< td=""><td>ċ</td><td>4088</td><td>NERGA MANECIU SECTOR MANECIU</td><td>Maneciu</td><td>41A1</td><td>Water Supply (Drinking)</td><td>Teleajen</td><td>23</td><td></td></tr<>	ċ	4088	NERGA MANECIU SECTOR MANECIU	Maneciu	41A1	Water Supply (Drinking)	Teleajen	23	
4212 A.R.A. FILIALA PLOIESTI S.H. VALENI Valenii de 41A1 Water Supply (Drinking) Toleajen 4305 STICLOVAL VALENI Valenii de 41A1 Water Supply (Drinking) Teleajen 4095 STICLOVAL VALENI Valenii de 1A Minor Suphy (Drinking) Teleajen 4127 GOSCOM SLANIC Valenii de 1A Minor Suphy (Drinking) Varbiau 4127 GOSCOM SLANIC Slanic 41A1 Water Supply (Drinking) Varbiau 4127 GOSCOM SLANIC Biejoi 45 Constructual Varbiau 4206 S.C.P.P. MAGURELE Magurele 0143C Imigation (Wine) Varbiau 4206 S.C.P.P. MAGURELE Magurele 0143C Varbiau Varbiau 4206 S.C.P.P. MAGURELE Magurele 0143C Imigation (Wine) Varbiau 4206 S.C.P.P. MAGURELE Magurele 0143C Imigation (Wine) Varbiau 4206 S.C.P.P. MAGURELE Magurele 0143C Imigation (Wine) Varbiau 4206 S.C.P.P. MAGURELE Bucov 92 Recreational/Cuturel/Sporting Activity Teleajen 4217 S.C.ROMFOSFOCHIM SA Valeestin 15 Food/Beverage Croo	ر	4089	S.E.P.L. MANECIU	Maneciu	20.	Mood	Teleajen	4	
Sub-total Sub-total 3355 4506 RAGCL VALENI Valenii de 4141 Water Suppiy (Drinking) 116 4095 STICLOVAL VALENI Valenii de 14 Mining/Ouarrying 161 4095 STICLOVAL VALENI Valenii de 41A1 Water Suppiy (Drinking) 176 4127 GOSCOM SLANIC Sianic 41A1 Water Suppiy (Drinking) 216 4127 GOSCOM SLANIC Sianic 41A1 Water Suppiy (Drinking) 216 4206 S.C.P.P. MAGURELE Magurele 0143C Irrigation (Wine) 248 4205 PREFABRICATE BLEJOI Blejoi 45 Construction 144 4209 PREFABRICATE BLEJOI Blejoi 45 Construction 144 4205 DELTA DESIGN S.A. COMPLEX DE AGREMENT Buecov 92 Recreational/Cuturel/Sporting Activity 161 4207 Vilee S.C.POMFOSFOCHIM SA Valea 761 76 76 4208 POMICOLA MEHEDINTA Buecovi 92 Recreational/Cuturel/Sporting Activity 161 4209 PREFABRICATE BLEJOI Buecovi 24 Chemical Products 745 4217 S.C.ROMFOSFOCHIM SA Albestic 15	~	4212	A.R.R.A. FILIALA PLOIESTI S.H. VALENI	Valenii de	41A1	Water Supply (Drinking)	Toleajen	38157 V.	alonii de Munta Intako
4506 RAGCL VALENI Valenii de 41A1 Water Supply (Drinking) Teleajen 417 4095 STICLOVAL VALENI Valenii de 14 Mining/Quarrying Teleajen 1764 4095 STICLOVAL VALENI Valenii de 14 Water Supply (Drinking) Varbiau 2181 4127 GOSCOM SLANIC Slanic 41A1 Water Supply (Drinking) Varbiau 248 4127 GOSCOM SLANIC Slanic 41A1 Water Supply (Drinking) Varbiau 248 4209 PREFABRICATE BLEJOI Biejoi 45 Construction 11 44 4209 PREFABRICATE BLEJOI Bucov 92 Recreational/ Cutrural/Sporting Activity Teleajen 44 4209 PREFABRICATE BLEJOI Bucov 92 Recreational/ Cutrural/Sporting Activity Teleajen 11 4117 S.C.ROMFOSFOCHIM SA Valeestin 15 Sub-totai 164 4217 VIDELMAR SEDIU Albestin 15 504/Beverage Cricovul 176 4217 VIDELMAR SEDIU Albestin 15 Food/Beverage Cricovul 176 4217 POMICOLA MEHEDINTA Sub-totai 15 Food/Beverage Cricovul	-					Sub-total		39357	
4095 STICLOVAL VALENI Valenii de 14 Mining/Quarrying Telesjen 1764 4121 GOSCOM SLANIC Slanic 4141 Water Suprivy (Drinking) Varbiau 2181 4121 GOSCOM SLANIC Slanic 4141 Water Suprivy (Drinking) Varbiau 248 4121 GOSCOM SLANIC Slanic 4141 Water Suprivy (Drinking) Varbiau 248 4209 PREFABRICATE BLEJOI Bligioi 45 Construction 1 44 4209 PREFABRICATE BLEJOI Bucov 92 Recreational/Cuturel/Sporting Activity 1 44 4209 PREFABRICATE BLEJOI Bucov 92 Recreational/Cuturel/Sporting Activity 1 44 4117 S.C.ROMFOSFOCHIM SA Valeestin 15 Food/Beverage 7/45 4217 VIDELMAR SEDIU Albestin 15 Food/Beverage Cricovul 17 4217 VIDELMAR SEDIU NeHEDINTA Albestin 15 7/45 7/45 4217 VIDELMAR SEDIU Albestin 15 7/45 7/45 7/45 4217 VIDELMAR SEDIU Albestin 15 7/45 7/45 7/45 4287 POMICOLA	240	4506	RAG.C.L. VALENI	Valenii de	41A1	Water Supply (Drinking)	Teleajan	417	
4121 GOSCOM SLAVIC Slanic 41A1 Water Supply (Ornking) 2181 4206 S.C.P.P. MAGURELE Magurele 0143C Imgeto (Wine) Varbiau 352 4206 S.C.P.P. MAGURELE Magurele 0143C Unrectal 200 4209 PREFABRICATE BLEJOI Blejoi 45 Construction 11 4326 DELTA DESIGN S.A. COMPLEX DE AGREMENT Bucov 92 Recreational/Cultural/Sporting Activity 16leajen 44 4117 S.C.ROMFOSFOCHIM SA Valea 15 Construction 16leajen 1745 4217 VIDELMAR SEDIU Albestin 15 Food/Beverage Cricovul 1745 4217 VIDELMAR SEDIU Robicola MEHEDINTA Sub-total 1745 1745 4217 VIDELMAR SEDIU Albestin 15 Food/Beverage Cricovul 1745 4218 POMICOLA MEHEDINTA Sub-total 1764 1766 1766 1766	240	4095	STICLOVAL VALENI	Vatenii de	14	Mining/Quarrying	Teleajen	1764	
4127 GOSCOM SLANIC Slanic 41A1 Water Supply (Drinking) Varbiau 352 4126 S.C.P.P. MAGURELE Magurele 0143C Imigation (Wine) Varbiau 328 4206 S.C.P.P. MAGURELE Magurele 0143C Sub-rotal 500 248 4209 PREFABRICATE BLEJOI Blejoi 45 Construction Foleation 44 4326 DELTA DESIGN S.A. COMPLEX DE AGREMENT Buejoi 24 Chemical Products Foleation 1145 4117 S.C.ROMFOSFOCHIM SA Valea 24 Chemical Products Foleation 1644 4217 VIDELMAR SEDIU Albestin 15 Food/Beverage Cricovul 80 4287 POMICOLA MEHEDINITA Podenii Noi 15 Sub-rotal Cricovul 176 4287 POMICOLA MEHEDINITA Food/Beverage Cricovul 176 176	-					Sub-total		2181	
4206 S.C.P.P. MAGURELE Magurele 0143C Imigation (Wine) Varbiau 248 4209 PREFABRICATE BLEJOI Biejoi 45 Sub-total 600 4326 DELTA DESIGN SA COMPLEX DE AGREMENT Biejoi 45 Construction 11 4117 S.C.ROMFOSFOCHIM SA Valea 24 Chemical Products Teleajen 134 4217 VIDELMAR SEDIU Albestin 15 Food/Beverage Cricovul 80 4287 POMICOLA MEHEDINITA Podenii Noi 15 Food/Beverage Cricovul 176 4287 POMICOLA MEHEDINITA Food/Beverage Cricovul 176	¥	4127	GOSCOM SLANIC	Slanic	41A1	Water Supply (Drinking)	Varbilau	352	
420 PREFABRICATE BLEJOI Biojoi 45 Construction Feedation 600 4205 PREFABRICATE BLEJOI Biojoi 45 Construction Feedation 44 4326 DELTA DESIGN SA. COMPLEX DE AGREMENT Biojoi 24 Chemical Products Teleasion 1145 4117 S.C.ROMFOSFOCHIM SA Valea 24 Chemical Products Teleasion 1745 4217 VIDELMAR SEDIU Albestin 15 Food/Beverage Cricovul 80 4287 POMICOLA MEHEDINTA Podenii Noi 15 Sub-total 176 4287 POMICOLA MEHEDINTA Foddenii Noi Sub-total 176	¥	4206	S.C.P.P. MAGURELE	Magurele	0143C	Irrigation (Wine)	Varbilau	248	
4209 PREFABRICATE BLEJOI Blejoi 45 Construction 14 4326 DELTA DESIGN SA. COMPLEX DE AGREMENT Bucov 92 Recreational/Cutrural/Sporting Activity Teleagien 11 4317 S.C.ROMFOSFOCHIM SA Valea 24 Chemicals/Chemical Products Teleagien 169 4217 S.C.ROMFOSFOCHIM SA Albestir 15 Food/Beverage Cricovul 80 4217 VIDELMAR SEDIU Albestir 15 Food/Beverage Cricovul 80 4287 POMICOLA MEHEDINTA Sub-total 176 256 256						Sub-total		600	
4326 DELTA DESIGN SA. COMPLEX DE AGREMENT Bucov 92 Recreational/Cultural/Sporting Activity Teleajen 11 4117 S.C.ROMFOSFOCHIM SA Valea 24 Chemicals/Chemical Products Teleajen 1694 417 S.C.ROMFOSFOCHIM SA Valea 24 Chemicals/Chemical 1749 1749 4217 VIDELMAR SEDIU Albestin 15 Food/Beverage Cricovul 176 4287 POMICOLA MEHEDINTA Podenii Noi 15 Sub-rotal 256 4287 POMICOLA MEHEDINTA Sub-rotal 159348	_	4209	PREFABRICATE BLEJOI	Blejoi	5	Construction		4	
4117 S.C.ROMFOSFOCHIM SA Valea 24 Chemical Products Telesjen 184 4217 VIDELMAR SEDIU Albestin 15 Food/Beverage Cricovul 80 4287 POMICOLA MEHEDINTA Podenii Noi 5 Sub-total Cricovul 176 4287 POMICOLA MEHEDINTA Total 15 Total 176	ب_	4326	DELTA DESIGN S.A. COMPLEX DE AGREMENT	Bucov	32	Recreational/Cultural/Sporting Activity		=	
4217 VIDELMAR SEDIU Albestin 15 Food/Beverage Cricovul 4287 POMICOLA MEHEDINTA Podenii Noi Sub-totai Cricovul 10b-totai Totai 15		4117	S.C.ROMFOSFOCHIM SA	Valea	24	Chemicals/Chemical Products	Teleayen	1694	Pantazi Intake
4217 VIDELMAR SEDIU Albestin 15 Food/Beverage Cricovul 4287 POMICOLA MEHEDINTA Podenii Noi Sub-total Cricovul 159 Total 159						Sub-totai	:	: /49	
4287 POMICOLA MEHEDINTA Podeni Noi Sub-total Urcovu Total 159	0	4217	VIDELMAR SEDIU	Albestin	15	Food/Beverage	Cricoval	08 ji	
159	0	4287	POMICOLA MEHEDINIA	Podenti Noi				110	
						Sup-total		007	
						Total		159948	

Table B.2.5 Surface Water Intake Vollume

	Network Water Supplier					Surface Water Supplier No.1	5			Surface Water Supplier No.2	7.0	
			Water	•							Model	
	mon	Vater 1	Source	No of Supplier	Code	Name	Block	Ratio	e Code	Name	Block	Ratio
			5		4008	AD.P.P. AZUGA	195	1.00				
804 1 1 2 1		• C) (C	. .	4014	HARTIA BUSTENI	195	8.1				
104	A D P SINALA	<u>م</u>	0	. 64	4018	AD, P. P. SINAIA	۲	0.36	4008	A.D.P.P. AZUGA	195	0.64
A022	SGCI BOLDESTI	6	D									
4026	A D P P COMARNIC	0	5		4026	A.D.P.P. COMARNIC	<u>8</u>	8			ſ	č
	CINTAS BDEA7A	6	. U .	~	4034	RAGCL CAMPINA	υ	0.62	4036	ARRA FILIALA PLOIESTI	n	52.0
		2) ()	10	4034	RAG.C.L. CAMPINA	υ	0.62	4036	ARRA FILIALA PLOIESTI	ന	e No
)		•		ARRA FILIALA PLOIESTI						
3001		c	U.	**	4036	S.H. PALTINU	œ	8.5				
40.00		5)			ARRA FILIALA PLOIESTI						
1001	S BAICOI	C	c,	-	4212	S.H. VALENI	240	8.				
1004		•	,			ARRA FILIALA PLOIESTI						
4041	S.G.C.L. BAICOI	۵	S	•	4036	S.H. PALTINU	Ø	8.				
	ARRA FILIALA PLOIESTI											
4050	SONT HS	Δ	∍									
	NERCA MANECIU SECTOR					NERGA MANECIU SECTOR				ARRA FILIALA PLOIESTI		
8000	MANECII	2	\$	2	4088	MANECIU	ר	0.10	4275	S.H. MANECIU	5	06'0
) C		1	•							
		2) (C	-	4127	GOSCOM SLANIC	¥	9. 1. 00				
ì		1	•			ARRA, FILIALA PLOIESTI						
4148	S C PETROTEL SA PL	9	S	-	4036	S.H. PALTINU	۵Ö	1.00				
		,	I			ARRA FILIALA PLOIESTI						
4158	S.C. ASTRA ROMANA SA	۵	Ś	-	4036	S.H. PALTINU	Ø	8.				
						ARRA FILIALA PLOIESTI	ſ					
4160	UPETROM PLOIESTI	۵	S	p	4036	S.H. PALTINU	ŭ	3				
		C	c	•	acor	ARRA FILIALA PLOIES II S 1 DAI TINII	α	80				
4162	K.A.G.C. PLOES I	5	0	-	2004	ARRA FILIALA PLOIESTI)					
4168		2	5	,	4036	S.H. PALTINU	Ø	1.00				
3	ARRA FILIALA PLOIESTI)				ARRA FILIALA PLOIESTI						
6104	SH. VALEN	۵	ŝ		4212	S.H. VALENI	240	<u>8</u>				
4223	CONSERVE MAGURELE	0	ŝ	~	4506	R.A.G.C.L. VALENI	240	0.26	4212	ARRA FILIALA PLOIESTI	240	0.74
4374	SGCLURIATI	D	S	-	4117	S.C.ROMFOSFOCHIM SA	-	8				
4508	RAG.C.L VALENI	9	S	~	4506	RAG.C.L VALENI	240	0.26	4212	ARRA FILIALA PLOIESTI	240	0.74
					:	ARRA FILIALA PLOIESTI						
4513	IRFMAR	c	C.	-	4036	S.H. PALTINU	œ	8				

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	National Water Sundiar					Surface Water Supplier No.1	. 17			Surface Water Supplier No.2	lo.2	
		Mater	Water Source No	No of			Model				Model	
Code	Name	Type *	s ≣ ‡	Type * *** Supplier Code	Code	Name	Block	Block Ratio Code	Code	Name	Вос Вос	Block Ratio
35	S.C.STEAUA ROMANA SA	QN	S		4035	S.C.STEAUA ROMANA SA	ပ	1.00				
	ARRA FILIALA PLOIESTI	•				ARRA FILIALA PLOIESTI						
4045	S.H. NEDELEA	9	S	-	4045	S.H. NEDELEA	217	8				
2						ARRA FILIALA PLOIESTI						
4051	S.C. DETROBRAZI S.A.	Q	Ś	-	4045	S.H. NEDELEA	217	8				
Į	SC EXPLOATARE LUCRARI		,			S.C. EXPLOATARE LUCRARI				ARRA FILIALA PLOIESTI		
4190	IMBUNATATIRI FUNCIARE S	Q	S	2	4190	4190 IMBUNATATIRI FUNCIARE S 217	217	0.40	4045	S.H. NEDELEA	217	0.60
	Note : * D: Drinking Water, ND: Non-drinking Water	inking W	ator									
	** S: Surface Water, U: Groundwater	vator										

Tabel B.2.6 Network Water Supplier and Water Source (2/2)

							tic wate			luma Unit	: 1000 m	3/Year)	
				Popula-	•		Unserved				Water	Water	Loss
Model	Ċ.d.	Munistrative	Popula- tion	tion in Basin	Source ##	Popula- tion	Popula- tion	Water from S	Water from U	Water from N	from N/S/U	from Well	Per-
<u>Point</u> 180	<u>Code</u> 2211	Municipality Predeal	7182	5890	5	6500	559	409.3	0.0	0.0	409.3	10.2	<u>cent</u> 0.05
195	2188	Azuga	6256	6256	N/S	5630	626	634.1	5.3	0.0	639.3	11.4	0.05
195	2185	Busteni	12053	12053	N/U	11450	603	0.0	690.2	702.9	1393.1	11.0	0.16
		Sub-total	18309	18309		17080	1229	634.1	695.4	702.9	2032.4	22	
A	2160	Sinala	15063	15063	N/U	14310	753	943.1	560.9	1344.5	2848.6	13.7	0.35
200	2165	Breaza	19035	15908	N/U	13325	4772	0.0	677.6	784.4	1462.0	87.1	0.3
200 200	2190 2157	Comarnic Cornu	13576 4413	13576 4413	S/U N	10861 3530	2715 883	820.3 0.0	567.2 0.0	0.0 257.7	1387.5 257.7	49.5 16.1	0.2 0.1*
200	2196	Talea	1260	875	Ü	890*	257	0.0	65.0	0.0	65.0	4.7	0.1+
		Sub-total	38284	34772		28606	8627	820.3	1309.8	1042.0	3172.2	157.4	
Daml	2194	Secaria	1394	1394	U	82*	1312	0.0	6.0	0.0	6.0	23.9	0.1
Dam1	2171	Valea Doftanei	7051	7051	S/U	3526	3525	40.0	18.0	0.0	58.0	64.3	0.1
	0100	Sub-total	8445	8445		3608	4837	40.0	24.0	0.0	64.0	88.3	
C 217	2169 2150	Brebu Cimpina	7884 40904	7884 40904	W N/S	<u>0</u> 36814	7884 4090	0.0 3942.4	0.0	0.0 2933.7	0.0 6876.1	<u>143.9</u> 74.6	0.25
217	2065	Floresti	7633	3272	Ň	5343	981	0.0	0.0	173.5	173.5	17.9	0.12
217	2161	Magureni	6677	1998		1607*	1517	0.0	120.0	0.0	120.0	27.7	0.12
217	2158	Polana Campina	5315	5315		1555*	3760	0.0	9.5	104.0	113.5	68.6	0.1*
217	2156	Sotrile	3505	3505	W		3505		<u> </u>		0.0	64.0	
·		Sub-total	64034	54993		45319	13854	3942.4	129.5	3211.2	7283.1	252.8	
E	2034	Gorgota	5637	5306		1084+	4286	0.0	80.0	0.0	80.0	78.2	0.11
E	2019	Manesti Poenarii Burchii	7489 6339	1432 1839			1432 1839				0.0 0.0	26.1 33.6	
E E	2022 2033	Poenarii Burchii Puchenii Mari	9115	9115		808*	8307	0.0	59.0	0.0	59.0	151.6	0.1
Ē	2000	Sirna	5599	4912		0000	4912	0.0	00.0	0.0	0.0	89.6	Q .1
Ē	2018	Tinosu	2536	2536			2536				0.0	46.3	
		Sub-total	36715	25139.95		1892	23312	0.0	139.0		139.0	425.4	
M	2173	Banesti	5761	5761	N/U	4173*	1588	0.0	26.6		304.6		0.1
250	2000	Ploiesti	253414	253414		253414		0.0	21974.8		47800.0	0.0	0.3
250 250	2064 2047	Baicoi Blejoi	20292 7594	20292 7594		18263 4017*		0.0 0.0	61.3 226.0		2223.3 293.2		0.2 0.1
250	2047	Paulesti	5073	5073		40174	5073		£29.V	Q1.3	293.2	92.6	0.1
		Sub-total	286373	286373		275694	10679		22262.1	28054.5	50316.6	194.9	
J	2122	Cerasu	5266	5266	W		5266		·····		0.0	96.1	
J	2119	Orajna	5856	5856			5856				0.0		
J	2102		6908	6908		3862			126.9*			55.6	
J	2104	Maneciu	11453 4482	11453 1732		7245+	4208 1732		0.0	587.7	587.7		
J	2126	Posesti Sub-total	33965	31215		11107	20107	0.0	126.9	714.5	841.4	367.0	
240	2100	Valenii de Munte	14005	14005		13305			0.0				
240	2107	Teisani	4072	4072		28224			206.0			22.8	
		Sub-total	18077	18077		16127			206.0				
К	2079		10315	10315		103154			0.0	-	-		
ĸ		Slanic	7382 3917	7382 3917		2672 7814			0.0 57.0				
к к		Alunis Bertea	3491	3491		6854							
ĸ	2179		3650			7854			57.3				
ĸ	2083		1308				1308				0.0		
ĸ	2081	Dumoravesti	3667			16484			0.0	127.4			
к		Gura Vitioarei	6024	602			6024				0.0		
к	2129	•	4824			31254							
ĸ	2177		6015 2510			20964	93919 2510		153.0	0.0			
K K	2116 2167		6720			61644			450.0	0.0	. 0.0 450.0#		
ĸ	2107	-	7145			4147	7145		-100.0	0.0	0.0		
ĸ		Valcanesti	4104	410-	<u>4</u> W		4104				0.0	74.9	
		Sub-total	71072			28271			767.3				
L	2085					926							
L	2028		5871			3047			110.04	110.04			
L	2038		10282 4875			4110	10282 * 765		0.0	300.0	0.0 300.0		
	2088	Lipanesti				41104			. 0.0	200.0			
Ĺ	2020	Planu	2219	921	9 99		2210	f				ነ ፈበኑካ	
د د د	2039 2040	•	2219 10655			3535	2219 • 7120		273.3	B 0.0	0.0) 273.3		

Table B.2.7 Existing Domestic Water Use (1/2)

Note: Figures with * are estimated by the Study Team Source ** S: Surface Water, U: Deep Well, N: Network Water, W: Shallow Well

1

Model Point	Code	Municipality	Total Popula- tion	Popula~ tion in Basin	Source **	Served Popula- tion	Unserved Popula- tion	Water from S	Water from U	Water from N	Water from N/S/U	Water from Well	Loss Per- cent
270	2071	Rahtivani	8007	8007	U	2329*	5678	0.0	170.0	0.0	170.0	103.6	0.1
270	2026	Barcanesti	9134	9134	N/U	2740	6394	00	177.5*	177.5*	355.0	116.7	0.11
270	2011	Brazi	8133	8133	N	5528*	2605	0.0	0.0	403.5	403.5	47.5	0.1
270	2029	Rafov	5514	5514	W		5514				0.0	100.6	
270	2016	Targson: Vechi	8260	8260	υ	1507*	6753	0.0	110.0	0.0	110.0	123.2	0.14
		Sub-total	39048	39048		12104	26944	0.0	457.5	581.0	1038.5	491.7	
275	2148	Lapos	1561	1416	W		1416				0.0	25.8	
275	2149	Salcia	1350	1350	W		1350				0.0	246	
275	2146	Singeru	5444	5444	W		5444				0.0	99.4	
275	5191	Çislau	5076	1269	W		1269				0.0	23.2	
		Sub-total	13431	9479		0	9479	0.0	0.0	0.0	0.0	173.0	
0	2141	Apostolache	2429	2429	W		2429				0.0	44.3	
0	2140B	Aricestii Zeletin	1474	1474	U	210*	1264	0.0	15.0	0.0	15.0	23.1	0.08
0	2131	Baitesti	3547	3547	บ	2466*	1081	0.0	180.0	0.0	180.0	19.7	0 .1
0	2139	Carbunesti	1964	1964	U	548 *	1416	0.0	40.0	0.0	40.0	25.8	0.1
0	2142	Chiojdeanca	1919	1919	W		1919				0.0	35.0	
0	2143	Gornet Cricov	2760	2760	W		2760				0.0	50.4	
0	2130	Gornet	3254	3254	N	548*	2706	0.0	0.0	40.0	40.0	49.4	0.14
0	20418	lordacheanu	5175	5175	W		5175				0.0	94.4	
0	2135	Pacureti	2278	2278	U	822*	1456	0.0	60.0	0.0	60 0	26.6	0.1
0	2133	Podenii Noi	4787	4787	U	1521*	3266	0.0	111.0	0.0	111.0	59.6	0.11
0	2109	Predeal Sarari	2681	2681	W		2681				0.0	48.9	
0	2140	Surani	1879	1879	U	342*	1537	0.0	25.0	0.0	25.0	28.0	0.14
0	2137	Soimari	3159	3159	W		3159				0.0	57.7	
0	2144	Tataru	1314	863	W		863				0.0	15.8	
		Sub-total	38620	38169	2	6457	31713	0.0	431.0	40.0	471.0	578.8	
280	2041C	Urlati	11893	10114	N	10114	1513	0.0	0.0	683.0	683.0	27.6	0.2
280	2041	Paleologu	5960	5960	U U	414+	5546	0.0	34.0	0.0	34.0	101.2	0.4
280	2053	Ciorani	7206	6762	U	6849*	335	0.0	500.0	0.0	500.0*	6.1	0.14
		Sub-total	25059	22836		17377	7394	0.0	534.0	683.0	1217.0	134.9	
H	2036	Balta Doamnei	2719	1107	W		1107				0.0	20.2	
H	2055	Draganesti	5065	5065	W i		5065				0.0	92.4	
н	2056	Dumbrava	4163				4163				0.0	76.0	
н	2059	Gherghita	3964				3964				0.0	72.3	
н	8216	Adincata	3184				366				0.0	6.7	
		Sub-total	19095	14665		0	14665	0.0	0.0	0.0	0.0	267.6	
		Total	791902	752676		508583	253901		28685.3			4633.7	

Table B.2.7 Existing Domestic Water Use (2/2)

Note: Figures with * are estimated by the Study Team Source ** S: Surface Water, U: Deep Well, N: Network Water, W: Shallow Well Two (2) communes, Nuci (population in the Prahova River Basin: 787) and Brazii (1532) are located downstream of Model Point H.

		Inta	ka		(Water Volum		m3/ tear)
	Network	illa	NO	Network			
Model	Water	Ground-	Surface	Water (Non-		Supply to	
Block	(Drinking)	water	Water	Drinking)	Reuse	Others	Water Use
195	269.0	1552.0	5562.0	0.0	5294.3	795.0	11882.3
Α	1227.0	168.0	275.0	0.0	1167.0	0.0	2837.0
200	866.0	118.0	83.0	0.0	2097.7	0.0	3164.7
C	2278.0	0.0	218.0	0.0	3282.0	0.0	5778.0
217	6661.0	3871.0	189.0	18.0	21574.3	0.0	32313.0
220	14043.0	11404.0	0.0	15145.0	484112.3	0.0	524704.3
250	2618.0	13782.0	0.0	0.0	33615.2	395.0	49620.3
Dam2	4.0	16.0	0.0	0.0	0.0	0.0	20.0
J	74.0	12.0	64.0	0.0	47.0	0.0	197.0
240	301.0	9.0	1764.0	0.0	9398.3	0.0	11472.3
ĸ	1856.0	6009.0	0.0	813.0	10312.0	1771.0	17219.0
Ĺ	16987.0	9102.0	1749.0	0.0	137592.0	374.0	165056.
260	659.0	1924.0	0.0	0.0	2099.0	0.0	4682.0
270	29.0	238.0	0.0	5.0	16.7	0.0	288.
280	76.0	26.0	80.0	0.0	0.0	0.0	182.
Total	47948.0	48231.0	9984.0	15981.0	710607.8	3335.0	829416

Table 8.2.8 Existing Industrial Water Use

	Table B.2.9				r Uso by		(Unit :1000n	n3/year)	
		Network	Inta	ike	Network Water				
		Water	Ground-	Surface	(Non-		Supply to	Water	
~ •	Name	(Drinking)	water	Water	Drinking)	Reuse	Others	Use	Area
Code		6634	Water	407	18	11438		18497	71104
2150	Cimpina	24549	18391	407	8638	354153		405399	1
2000	Ploiesti	24549	10391	1341	0030	274		1813	3
2188	Azuga	680	2973	0	-	1730		5127	5
2064	Baicoi		4201	Ő	-	2731	409	6761	5
2085	Boldesti-Scaieni	238		0				2948	3
2165	Breaza	821	70		•	2057			3
2185	Busteni	180	1443	4221	0	5020		10069	
2190	Comarnic	45	48	83		41		217	3
2079	Piopeni	1181	1879	0		7581		9291	5
2180	Sinala	1227	105	275		1149		2756	3
2101	Stanic	24				0		24	5
2100	Valenii de Munte	301	9	1784		9398		11472	5
2041	Albesti-Paleologu	76				0	-	159	5
2071	Aricestii Rahtivani	0				0		62	1
2026	Barcanesti	29		-	-	0	-	29	•
2028	Berceni	0			-	483		990	1
2047	Blejoi	0				0		71	1
2011	Brazi	212			-	0		217	-
2038	Bucov	10				180		661	1
2053	Ciorani	0				0	-	23	
2119	Drajna	0		Û	•	0		12	
2076	Filipestii de Targ	. 0				0	-	22	
2065	Floresti	2182	3787			13418		19387	
2112	Gura Vitioarei	15				0		16	
2129	Magurele	446				0		1253	
2104	Maneciu	44				C	•	68	
2048	Paulesti	48				0		588	
2177	Scorteni	123				-	-	123	
2040	Valea Galugareasca	0				2117		5476	
2106	Maneciu (Cheia)	4			0		-	20	
2026B	Berceni (Corlatesti)	40	4793	: () 0	26565	5 32	31366	1
2000B	Targsorul Vechi (Crangul				-			107	
2105	Maneciu (Maneciu	30	0					117	
2013	Brazi (Negolesti)	65	0				• •	65	
20188	Brazi (Pisculesti)	8655	5878	; (6507			293041	1
20388	Bucov (Pleasa)	0	832	: () 0	191	0	1023	: 1
2192	Comarnic (Posada)	G) 0	18	30	81	
2074	Aricestii Rahtivani (T.G.	C						67	
Total		47948	48231		15981	710508	3 3335	829417	5

Table B.2.9	Existing Industria	al Water Use	by Municipality
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Note: Area 1: Proiesti Surroundings, 2: Cimpina, 3: Prahova Valey, 4: Floresti, 5: Others

				Volume	Volume (1000/m3/Year	(Year)				e d	Percentage (%)	%) 		
					Network							Network		
		Network			Water				Network			Water		
Activity		Wate	Ground-	Surface	-uon)		Supply to	Water	Wate	Ground-	Surface	-oN)		Reuse In
Code	Activity	(Drinking)	water	Water	drinking)	Reuse	Others	Use	(Drinking)	water	Water	drinking)	Reuse	Japan
L.	Crude Oil Extraction	283.0	6181.0	0.0	0.0	1350.0	665.0	7149.0	3.96	86.46		000	18.85	
: 2	Minim/Orismand	20.0	00	1800.0	0.0	9381.3	0.0	11251.3	0,62	8.0 0		0.00	83.38	
τţ	Food/Baverage	1143.0	862.0	754.0	813.0	340.3	12.0	3900.3	29.31	22.10		20.84	8.73	32
? ŗ	Textilas	326.0	1910.0	465.0	0.0	131.7	00	2832.7	11.51	67.43		0.0	4.65	
<u> </u>	Teoring/Dressing Leather	68.0	4.0	00	0.0	0.0	0.0	72.0	94.44	5.56		0.0	0.00	7
28		320.0	270.0	40.04	0.0	2288.7	0.0	2918.7	10.96	9.25		0.00	78.41	41
25	Panar/Panar Products	0.0	2024.0	4221.0	0.0	5371.7	795.0	10821.7	0.00	18.70		0.00	49.64	4
5	Patroleum Refinent	26716.0	19709.0	218.0	8638.0	390007.0	257.0	445031.0	6.00	4.43		1.94	87.64	06
24	Chemicals/Chemical Products	209.0	2253.0	1694.0	0.0	2429.0	149.0	6436.0	3.25	35.01		0.00	37.74	82 82
25	Ruhhar/Plastic Products	136.0	589.0	00	0.0	219.5	0.0	944.5	14.40	62.36		0.0	23.24	75
30	Non-Metallic Mineral Products	93.0	108.0	249.0	0.0	261.0	0.0	711.0	13.08	15.19		0.0	36.71	73
35	Rasic Metals	13.0	832.0	00	0.0	190.7	0.0	1035.7	1.26	80.33		0.0	18.41	0 6
82	Metal Products Fabricated	1564.0	901.0	0.0	0.0	5572.7	0.0	8037.7	19,46	11.21		0.0	69.33	51
29	Machinery/Equipment	4840.0	4150.0	464.0	18.0	19950.3	1410.0	28012.3	17.28	14.81		0.06	71.22	65
5	Electrical Machinery/Apparatus	317.0	0.0	0.0	0.0	26.0	0.0	343.0	92.42	8.0 0.0		8.0	7.58	17
36	Fumiture	26.0	119.0	0.0	0.0	32.7	0.0	177.7	14.63	66.98		0.0	18.39	ប្
404 404	Electricity/Gas/Water Supply	8655.0	5878.0	0.0	6507.0	272000.7	00	293040.7	2.95	2.01		2.22	92.82	
45	Construction	521.0	886.0	68.0	0.0	575.3	40.04	2006.3	25.97	44.16		0.00	28.68	
51	Wholesale Trade/Commission Trade	130.0	0.0	0.0	0.0	0.0	0.0	130.0	100.00	0.0		80	80	
55	Hotel/Restaurant	907.0	86.0	00	0.0	0.0	0.0	993.0	91,34	8.66		0.00	8.0	
60	Land Transport	546.0	501.0	0.0	0.0	280.7	3.0	1324.7	41,22	37.82		000	81.12	
63	Transport Activities	0.0	330.0	0,0	0.0	167.3	0.0	497.3	0.0	66.35		000	33,65	
64	Post/Telecommunication	4.0	0.0	0.0	0.0	0.0	0.0	4	100.00	80		0.0	0.0	
75	Public Administration/Defense	290.0	454.0	0.0	5.0	16.7	0.0	765.7	37.88	59.29		0.65	2.18	
808	Education	144.0	0 .06	0.0	0.0	0.0	0.0	234.0	61.54	38.46		0.0	80	
85	Health/Social Work	608.0	79.0	0.0	00	14.7	0.0	7.107	86.65	11.26	80	8.0	2.09	
92	Recreational/Cultural/Sporting	19.0	15.0	0.11.0	0.0	0.0	0.0	45.0	42.22	33.33		000	8 0 0	
		47948.0	48231.0	9984.0	15981.0	710607.8	3335.0	829416.8	5.78	5.82		1.93	85.68	1

Table B.2.10 Existing Industrial Water Use by Activity

						(Unit : 1000r	n3/year)
			Inta	ke			
		Network			Water		
Model		Water	Ground-	Surface	(Non-	Supply to	
Block	Activity	(Drinking)	water	Water	drinking)	Others	Water Us
195	Inland Fishery	0	0	7540	0	Ø	75
217	Irrigation	0	3	1121	1714	2489	3
220	Livestock Farm	0	488	0	0	0	4
E	Livestock Farm	0	157	1	0	0	1
250	Livestock Farm	7	57	201	0	0	.2
250	Inland Fishery	0	0	57	0	0	
	Sub-total	7	57	258	0	0	3
J	Livestock Farm	0	81	0	1141	0	12
K	Agricultural Activities	0	11	0	0	0	•
к	Irrigation	48	28	248	21	0	3
	Sub-total	48	39	248	21	0	3
L	Livestock Farm	154	45	0	302	0	5
L	Irrigation	0	57	0	0	0	
	1	154	102	0	302	0	5
260	Irrigation	0	241	Ó	392	0	6
270	Livestock Farm	0	18	0	0	0	
270	Agricultural Activities	2	0	0	0	0	
270	Irrigation	1357	266	0	0	0	16
		1359	284	0	0	0	16
280	Livestock Farm	0	9	0	0	0	
280	Agricultural Activities	0	13	0	0	0	
		0	22	0	0	0	
Н	Agricultural Activities	0	7	0	0	0	
н	Irrigation	0	12	0	207	0	2
	Sub-total	0	19	0	207	0	2
	Total	1568	1493	9168	3777	2489	135

Table B.2.11 Existing Agricultural Water Use

of	Network Water Remarks				4014		4008	036		4036						4036 New	4036	4036		4036									4036	4036	4036	4212				4275 New	125
3			534.1			632.0			703.6		10.8	4189.7	98.J	2.920		ļ					2.27	4/.4	335.3 71 c		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	252.1	30.1	1513.2				-	240.7	15084.5		4 - 2005 4	
									0.0 7				0.0								I	1	0 0 0 0					-					¦ا_	"[0.0		
	Increase Increase of S of N							ຕ				ŝ						አ				ž								-				*			
	Increase of S	õ		ដ		237.5						~			ñ		135				ľ	5								0.0			3				0.0
000	per tes	Cont			0.16					0.10	1			0.10			0.25						0.11				0.15			0.30		0.10	ł			510 1	
7.0	Capita (1/dev)				320					210			210				430			210			210			150						210				5 5 5 5	
Water	from N/S/U		953.6	876.8	1810.0	2686.9	2923.2	3430.2	2140.7	405.9	80.5						9244.6	718.0	187.9	488.9	244.5	10883.3	493.5	0.00	2.121 2.22.2	341.7	176.4	2077.6	529.9	61364.6	3199.6	698.5	333.3	65596.0	366.3	407,4	6/7 X
	Water ferm N	Trom N	0.0	0.0	1119.9	6'6111.	1388.4	34:30.2	0.0	405.9	0.0	3836.1	0.0	8	00	548.4	3944.2	718.0	0.0	488.9	2	5151.1	000) () (30	0.0	0.0	0'0	503.3	39389.7	3138.4	472.5	00	43000.6	0.0	407.4	7
	Water from II	trom U	0.0	5.3	690.2	695.4	560.9	0.0	567.2	0.0	80.5	647.7	128.2	18.0	146.2	0:0	0: 0:	0.0	187.9	0.0			493.5				176.4	2077.6	· .		61.3	226.0	333.3	2595.4	366.3	0.0	7 4 5 5
	Water from S	100 N	953.6	871.6	0.0	871.6	973.9	0.0	1573.5	0.0	00	1573.5	0.0	630.6	630.6	0.0	5300.4	0.0	0.0	00	0.0	5300.4	0.0	0.0		000	0.0	000	0.0	0.0	0.0	0.0	00	0.0	0.0	0.0	22
C	Popula-	tion	7757	6756	13017	19774	16268	20558	14662	4766	945	40931	1506	7615	9121	8515	44176	8244	2158	5740	3785	64103	5731	0401	1965	5305	2739	27151	6222	273687	21915	8202	5479	309283	5687	6324	7461
		Source	S	S/U	N/N		U/N	z	N/N	z	Э		D j	S/U		N	S/N	z	Ð	z	(M)		⊃ç		ŝ,	n N N	ŝ		N/N	N/N	N/N	Я N	ŝ		(M)n	z	22
		Basin		6756	13017	19774	16268	17180	14662	4766	945	37554	1506	7615	9121	8515	44176	3533	2158	5740	3/85	59393	5731	1540	1986	5305	2739	27151	6222	273687	21915	8202	5479	309283	5687	6324	7463
		- 1		6756	13017	19774	16268	20558	14662	4766	1361	41347	1506	7615	9121	8515	44176	8244	7211	5740	3785	69157	6088	8088	68 4 6	5047	2739		1					- 1	5687	6324	TAKT
Puplic Service Companay	3		Apevita Predeal	A.D.P.P. Azuza	A.D.P. P. Busteni		A.D.P.P. Sinaia	Civitas Breaza	A.D.P.P. Comarnic					Doftanei			R.A.G.C.L. Campina	S.G.G.L. Floresti			Primaria Secaria								Primaria Banosta				Primaria Paulesti				
n U		9 Code	4317	4008	401		4018	4028	4026					4375			4034	4301		4032	4397							ĺ	4129	4162	1 94	4172	4229				
	:	Municipality	Predeat	Azusa	Busteni	Sub-total	Sinaia	Broaza	Comamio	Cornu	Talea	Sub-total	Secana	Valea Doftanei	Sub-total	Brebu	Cimpina	Florest	Maguroni	Poiana Campina	Sotrile	Sub-total	Gorgota	Manesti	Poenarii Burchii	Puonenii Mari	Tinesu	Sub-total	Banesti	Ploiesti	Baicoi	Blejoi	Paulesti	Sub-total	Cerasu	Drajna	investigation of the
		Code	2211	2188	2185		2180	2165	318	2157	2196		2194	2171		2169	2150	2065	2161	2158	2156		2034	2019	2022	2025	2018		2173	2000	2064	2047	2048		2122	2119	
	Model	Point	180	195	195	2	k	200	200	200	200		Dam1	Dam1		ο	217	217	217	217	217		لد	เป	ய I	មា	10	ı	Σ	250	250	250	250		r	ר	-

					Table	able B.2.12	Domo	Domestic Water Demand in 2015 (2/3)	er Dem	and in	2015 (2/3)		e	Vater Volu	(Water Volume Unit: 1000 m3/Year)	1000 m3/J	(ear)	
			Puole	Puolic Service Companav														Supplier	
					Total	Popula-		Served				Water	Per	Loss				*	
Made					L.	tion in		Popula-	Water V	Water	Water	1	Capita	Per Ir	Increace	ncrease	Total	Network	
Point	Code	Municipality	Code	Code Name	tion		Source	tion	rom S fi	om U f	from N	· •	(I/day)	oent	of S	of N	ncrease	water	Kemarks
940		Vatenii de Munte	4506	R.A.G.C.L. Valeni	15125	15125	z	15125	0.0	0.0	2355.5	2365.5	320	0.25	0.0	1552.5	1539.7	4212	
240	2107	Teisani			4398	4398	5	4398	0.0	374.5	0.0	374.5	210	0.10	00	8. 0	145.7		
2		Sub-total			19523	19523		19523	0.0	374.5	2355.5	2730.1			0.0	1552.5	1685.4		
¥	9020	Ploneni	4578	S.G.C.L. Plopeni	11140	11140	z	11140	0;0	0;0	1626.5	1626.5	320	0.20	0.0	276.8	276.8	4212	
< ¥	51016	Stanio	4127	Goscorn Slanio	5797	7973	s	7973	1034.7	0.0	0.0	1034.7	320	0.10	859.5	0.0	773.6		
<u> </u>	2112	Alunis			4230	4230	C	4230	0.0	360.3	0.0	360.3	210	0.10	0.0	0.0	246.1		
: ×	21178				3770	3770	S	3770	0.0	321.1	0.0	321,1	210	0.10	0.0	0.0	219.9		
: 1	9179		4191	Miski	3942	3942	þ	3942	0.0	335.7	0.0	335.7	210	0.10	0.0	0.0	226.1		
<u> </u>	2083	Cosminele			1413	1413	(w)n	1413	0.0	91.0	0.0	91.0	150	0.15	0.0	0.0	67.1		
: ¥	2081	Dumbravesti	4261	Dumbravesti	3960	096 0	z	3960	0.0	0.0	357.1	357.1	210	0.15	0.0	229.8	192.9	4212	
: ¥	2112	Gura Vitioarei			6506	6506	ŝ	6506	0.0	419.1	0.0	419.1	150	0.15	0.0	0.0	309.1		
: ¥	2120	Manurole	4509	Primaria Mazurele	5210	5210	z	5210	0.0	0.0	525.4	525.4	210	0.24	0.0	255.3	224.3	4212	
< ¥	1110	Scortani	2		6436	6496	5	6496	0.0	553.3	0.0	553,3	210	0.10	0.0	0.0	328.7		
: ¥	2116	Stafasti			2711	2711	(w)n	2711	0.0	174.6	0.0	174.6	150	0.15	0.0	0.0	128.8		
: ¥	2167	Teleza			7258	7258	z	7258	0.0	0.0	618.1	618.1	210	0.10	0.0	618.1	158.0	4036	Nox
: 14	2115	Varbilau			2122	111	Z	7117	0.0	0.0	497.0	497.0	150	0.15	0.0	497,0	366.6	4212	soz
: ¥	2080	Valcanesti			4432	4432	z	4432	0.0	00	285.5	285.5	150	0.15	0.0	285.5	210.6	4212	New
:		Sub-total			76758	76758		76758	1034.7	2255.0	3909.7	7199.4			859.5	2162.5	3728.6		
-	2085	Boldesti Scaleni	4022	S.G.C.L. Boldesti	12510	12510	N/N	12510	9; 0;	632.1	591.3	1623.5	320	0.10	0.0	763.1	720.9	4099(U)	
• _	2028	Berneni	4137	S.C. Vera S.A	6341	6341		543	0.0	110.0	424.1	534.1	210	0.09	0.0	314.1	262.5	4137(U)	
ı	2038	Bunov			11105	11105	(M)n	11105	0.0	675.5	0.0	675.5	150	0.10	0.0	0.0	487.9		
·	2088	Linanesti			5265	5266	z	5265	0.0	0.0	448.4	448.4	210	0.10	0.0	148.4	124.4	4212	,
•	2039	Plopu			2397	2397	z	2397	0.0	0.0	154.4	154.4	150	0.15	0.0	154.4	113.9	4212	New
	2040	Calugareasoa	4248	Calugareasca	11507	11507	Ŋ	11507	0.0	1037.7	0.0	1037.7	210	0.15	0.0	0.0	536.5		
I		Sub-total			49124	49124		49124	0.0	2455.4	2018.2	4473.5			0.0	1380.0	2054.1		
270	2071	Arioestii Rahtivani			8648	8648	Э	8648	0.0	736.5	00	736.5	210	0.10	0.0	0.0	462.9	1000 C	
270	2026	Barcanesti			9865	9865	∩∕N	9865	0.0	177.5	672.1	849,6	210	(L) (2.0		2.170		
270	2011	Brazi	4255	Consiliul Local Brazi	8784	8784	z	8784	0.0	0.0	748.1	748.1	210	0.10	0.0	1.445	0.762	4050 (U)	
270	2029	Rafov			5955	5955	z	5955	0.0	0.0	383.6	383.6	<u>8</u>	0.15	0.0	383.6	6727	Z124	Men
270	2016	Targsoru Veohi			8921	8921	ר כ	8921	0.0	759.8	0.0	759.8	210	0.10	0.0	0.0	C.026		
		Sub-total			42172	42172		42172	0.0	1673.7	1803.7	3477.5			0.0	222.1	1947.2		
275	2148	Lebos			1686	1529	z	1529	0.0	0.0	98.5	38.5	150	0.15	0.0	98.5	12.1	4212	New
275	2149				1458	1458	z	1458	0.0	00	93.9	6.66	5	0.15	0.0	93.9	69.3	4212	New
275	2146				5880	5880	z	5880	0.0	0.0	378.7	378.7	150	0.15	0.0	378.7	279.4	4212	New
275	5191				5482	1371	(W)N	1371	0.0	88.3	0.0	88.3	150	0.15	0:0	0.0	65.1 2		
		Sub-total			14505	10237		10237	0.0	88.3	571.1	659.4			0.0	1.1.5	4-00-4		

Table B.2.12 Domestic Water Demand in 2015 $\left< 2/3 \right>$

el Code 2144 2144 2140 2133 2133 2133 2133 2133 2133 2133 213		ode Name	Total F Total F 2623 2582 2981 2985 2985 2985 2985 2985 2985 2170 2170 2170 2170 2170 2170 2170 2170	Popula- tion in 5621 1592 1592 1592 3831 2623 2073 2073 2073 2073 2519 25170 5519 5519 5519 55170 55170	Served Served Popular 1592 N 1592 N 1592 N 2023 1212 N 2073 N 2074 N 20	Water from S 0.0 0.0	Water		Water	Par				Total	5	
1 Code 2141 2141 2141 2131 2135 2135 2135 2135 2135 2135 213		Narroo		× = = = = = = = = = = = = = = = = = = =	Popula- rros tion N 2622 N 1595 N 2512 N 2121 N 2075 N 23514 N 2514		Water	247 - 4							;	
2141 21408 2131 21408 2142 2143 2143 2144 2135 20416 2135 2144 2135 20416 20416 20416 2055 2055			2623 1592 1592 2121 2121 2073 2519 2519 5519 2589 2589 2299 2229 2229 2395 2460 5170 2460 5170 2229 2395	53 5 5 5 5 5 5 5 8 9 8 8 8 8 8 8 8 8 8 8 8	2622 1592 1592 1598 1598 1212 1212 1298 1212 1298 1212 1212 12		D teat	from N	from N/S/U	Capita (1/day)	- 12 6 6 7 8 7 8 7	Increase of S	Increase of N		Network	Remarks
21408 2131 2132 2142 2143 20418 2144 2135 2135 2135 2135 2134 2144 2144 2035 2041C 2041C 2035 2041C		•	1582 121 2121 2073 2073 2073 5589 5589 5589 5170 2460 5170 22895 22895 2429 2412 2412		2323 2323 2323 2323 2323 2323 2324 23514 23514 23514 23514	000	169.0	0.0	169.0	150	0.15	0.0	0.0	124.6	4212	N97
2131 2142 2143 2143 2143 2135 2135 2135 2135 2144 2144 2144 2041 2041 2055 2055			3831 2127 2073 2073 2589 5589 5589 5589 5589 5589 5140 2029 3412 2029 3412		207 2983 2983 2983 2983 2983	0.0	0.0	143.6	143.6	210	0.15	0.0	143.6	105.5	4212	New
2133 2142 2143 2145 2145 2135 2135 2135 2135 2135 2144 2144 2144 2144 2035 2035 2035			2127 2073 2073 2589 5589 2589 2460 5140 2029 3412 3412		N 2121 N 2075 N 2075	0.0	326.3	00	326.3	210	0.10	0'0	0.0	126.5		
2142 2143 2145 2145 2145 2135 2145 2135 2144 2137 2144 2137 2144 2137 2144 2137 2144 2137 2144 2137 2041C			2073 2981 2589 2589 2460 2170 2895 2895 2895 3412 3419		N 2073 N 2981 N 3514		0.0	180,6	180.6	210	0.10	0.0	180.6	114.8	4212	Zez
2145 2130 20418 2135 2135 2135 2133 2133 2135 2144 2137 2144 2137 2144 2036 2031 2035 2035			2981 3514 5589 2460 2460 24895 2412 3412 1419		N 2981 N 3514	0.0	0.0	133,5	133.5	150	0.15	0.0	33.5	98.5	4212	New
2130 20418 2135 2135 2133 2133 2133 2144 2144 2144 2144 2144			3514 5589 2460 2460 2412 3412 1419		N 3514	0.0	0.0	192(0	192.0	150	0.15	0.0	192.0		4212	New
20418 2135 2135 2135 2135 2144 2137 2041C 2041C 2041C 2041C 2053 2053			5589 2460 5170 2895 2895 2412 1419			0.0	0.0	299.3	- 299.3	210	0.10	0.0	259.3	-	Saltents(2131)	
2135 2135 2133 2137 2144 2144 2041C 2041C 2041C 2041C 2041C 2041C 2055		•	2460 5170 2895 2029 3412 1419		N 5585	0.0	0.0	360.0	360.0	150	0.15	0.0	360.0	265.6	4212	New
2133 2109 2140 2144 2144 2041C 2041C 2041 2035 2055			5170 2895 2412 3412		J 2460	0.0	209.5	0.0	209.5	210	0.10	0.0	0.0	123.0		
2109 2144 2137 2144 2041C 2041C 2041C 2055 2055			2895 2029 3412 1419		J. 5170	0.0	440.3	0.0	440.3	210	0.10	0.0	0.0	269.7		
2140 2137 2144 2041C 2041C 2053 2055 2055			2029 3412 1419	0000	U(W) 2895		186.5	0.0	186.5	150	0.15	0.0	0:0	137.6		
2137 2144 2041C 2041C 2041 2053 2053 2055			3412 1419	\$707	J 2029	•	172.8	0.0	172.8	210	0.10	0.0	0.0	119.8	4212	
2144 2041 C 2041 C 2053 2055 2055	11		1419	3412	Z 3412	00	0.0	219.8	219.8	150	0.15	0,0	219.8	162.1	4212	Nev
2041C 2041C 2053 2036 2036				932	205 7		0.0	60.1	60.1	150	0.15	00	60.1	44,3	4212	New
2041C 2041 2041 2053 2036 2036 2055			41710	41223	41223		1504.4	1588.8	3093.2			0.0	1548.8	2043.4		
2041 2053 2055 2036 2055		S.G.C.L. Urlati	12844		N 12844		0.0	2000.3	2000.3	320	0.25	0.0	1317.3	1289.7	4212	
2053 2036 2055		Primaria Albesti	6437	6437	z 6437	0.0	0.0	616.7	616.7	210	0.20	0.0	616.7	481.5	4036	Nex
2036 2055			7782	7303	1 7782		662.8	0.0	662.8	210	0.10	0.0	00	156.7		
2036 2055			27064	24663	27064		662.8	2617.0	3279.8			0.0	1934.0	1927.9		
2055			2937	1135 U	J(W). 1195		17.0	0.0	0.77	150	0.15	0.0	0.0	56.8		
			5470				352.3	0.0	352.3	150	0.15	0.0	0.0	259.9		
2056 Dumbrava			4496	-	•	0.0	289.6	00	289.6	150	0.15	0.0	0.0	213.6		
			4281	-			275.8	0.0	275.8	150	0.15	0.0	0.0	203.4		
8216			3439		U(W) 395		25.4	8 8	25.4	150	0.15	0.0	0.0	18.8		
Sub-total			20623	15838	15838		1020.1	00	1020.1			00	0.0	752.5		
OB 2163 Provita de Jos			2898	0	v 2898	:	0.0	186.6	186.6	150.0	0.15	0.0	186.6		4036	Nev
2164 Provita de Sug			2645	0	z 2645	0.0	0,0	170.4	170.4	150.0	0.15	00	170.4		4036	202
2166 Adunati			2678	0	N 2678	00	0.0	172.5	172.5	. 150,0	0.15	0.0	172.5		4036	New
2044 Fulga			4295	0	A 4295	0.0	00	276.7	276.7	150.0	0,15	0.0	276.7		4212	New
2128 Starohiojd			7514	0	z 7514		0.0	484.0	484.0	150.0	0.15	0.0	484.0		4212	e Z
5025 Mizit			18549	0	v 18549		0.0	2548.9	2548.9	320:0	0.15	0.0	2548.9		4212	Ъ°Х Х
5026 Gura Vadului			2731	•	v 2731	0.0	0.0	175.9	175.9	150.0	0.15	0.0	175.9		4212	New
5028 Calugaroni			1551	•	4 1551	0.0	0.0	6'66	6,99	150.0	0.15	0.0	6.66		4212	No.
5029 Jugureni	•	-	855	•	4 855	00	0.0	55.1	55.1	150.0	0.15	00	55.1		4212	No.
5036 Fantanele			4479	0	4479	0.0	0.0	288.5	288.5	150.0	0.15	0.0	288.5		4212	New
Sub-total			48195	0	48195	0.0	0.0	4458.4	4458.4			0.0	4458.4	0.0		
Total	1			812890	872969	872969 11338.2	37829.5	37829.5. 76994.2. 126162.0	26162.0			4373.9	37938.3	43041.9		

Note: Figures with * are estimated by the Study Team Two (2) communes, Nuoi (population in the Prahova River Basin; 787) and Brazii (1532) are looated downstream of Model Point H. Figure in parentheses in total number of "Increase of N", indicates network water from surface water.

		Wat	Water Demand ((1000m3/year)				Increase	d Water Den	Increased Water Demand (1000m3/year)	'year)	
•	Network			Network			Network			Network		
	Water	Ground	Surface	Water (No-			Water	Ground	Surface	Water (No-		
Model Block	(Drinking)	water	Water	Drinking)	Reuse	Total	(Drinking)	water	Water	Drinking)	Reuse	Total
195	607.0	1552.0	9761.0	0.0	8894.5	20814.5	338.0	0.0	4199.0	0.0	3600.1	8137.2
4	2358.7	282.0	474.1	0.0	1960.6	5075.4	1131.7	114.0	199.1	0.0	793.6	2238.4
200	1517.7	118.0	156.9	0.0	3524.1	5316.6	651.7	0.0	73.9	0.0	1426.4	2152.0
¦c	3827.0	0.0	366.2	0.0	5513.8	9707.0	1549.0	0.0	148.2	0.0	2231.8	3929.0
212	13796.4	3928.1	317.5	30.2	36244.9	54317.2	7135.4	57.1	128.5	12.2	14670.5	22003.9
220	27125.3	11551.6	0.0	29517.7	813308.7	881503.3	13082.3	147.6	0.0	14372.7	329196.4	356798.9
250	9724.0	17559.4	0.0	0.0	56473.5	83756.9	7106.0	3777.4	0.0	0.0	22858.3	33741.7
Dam2	6.7	26.9	0.0	0.0	0.0	33.6	2.7	10.9	0.0	0.0	0.0	13.6
	124.3	20.2	107.5	0.0	79.0	331.0	50.3	8.2	43.5	0.0	32.0	134.0
240	511.8	0.6	2963.5	0.0	15789.2	19273.5	210.8	0.0	1199.5	0.0	9398.3	10808.7
×	3346.4	8667.8	0.0	1360.6	17324.2	30698.9	1490,4	2658.8	0.0	547.6	70122	1:708.9
: i	32177.5	8639.0	118.2	0.0	227699.4	268634.1	15190.5	-463.0	-1630.8	0.0	93562.6	106659.3
260	1770.1	2569.3	0.0	0.0	3526.3	7865.8	1111.1	645.3	0.0	0.0	1427.3	3183.8
270	48.7	374.7	0.0	33.6	28.0	485.0	19.7	136.7	0.0	28.6	11.3	196.3
280	128.1	41.6	136.0	0.0	0.0	305.8	52.1	15.6	56.0	0.0	0.0	123.8
Total	97070.0	55339.5	14401.0	30942 0	1100366.0	1388118.5	49122.0	7108.5	4417.0	14961.0	486220.2	561829.4

2015
Demand in
Water
Industrial
B.2.13
Table

			Return Flow		Flow into Rive	r from Block
	Surface Water		Domenstic			
Model	Intake	Industrial Use	Use		Total	
Block	(1000m3/year)	(1000m3/year)	(1000m3/year)	Total	(1000m3/year)	Total (m3/s
195	17595.0	5929.2	1643.9	7573.1	-10021.9	-0.3
Α	1657.0	1503.0	2289.9	3792.9	2135.9	0.0
200	399.0	960.3	2663.7	3624.0	3225.0	0.1
8	68424.0	0.0	0.0	0.0	-68424.0	-2.1
С	8974.0	2246.4	115.1	2361.5	-6612.5	-0.2
217	18715.0	9665.1	6028.7	15693.8	-3021.2	-0.1
220		36532.8	0.0	36532.8	36532.8	1,1
E	1.0	0.0	451.5	451.5	450.5	0.0
м		0.0	266.9	266.9	266.9	0.0
250		14404.5	40409.2	54813.7	54813.7	1.7
J	39357.0	135.0	966.7	1101.7	-38255.3	~1.2
240	2181.0	1866.6	835.7	2702.3	521.3	0.0
κ	600.0	6216.3	2776.6	8992.9	8392.9	0.2
L	1749.0	24717.6	1695.6	26413.2	24664.2	0.7
260		2324.7	0.0	2324.7	2324.7	0.0
270		244.8	1224.2	1469.0	1469.0	0.0
275		0.0	138.4	138.4	138.4	0.0
0	256.0	0.0	839.8	839.8	583.8	0.0
280		163.8	1081.5	1245.3	1245.3	0.0
н	_		214.1	214.1	214.1	0.0
Total	159908.0	106910.1	63641.5	170551.6	10643.6	`

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Table B.2.14 Existing Intake from and Return Flow to Prahova River

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	Hydrolo	gical Station				Discharge	(m3/sec)	
Model Point	Code	Name	River Name	Catchment Area (Km2)	50 % (182nd Day)	75 % (274th Day)	95 % (347th Day)	95% (NTPA- 001)
	111505	Busteni,V.C	V. Cerbului	26.0	0.336	0.195	0.102	0.066
	111405	Azuga	Azuga	83.0	1.009	0.503	0 2 2 2	0.082
190			Prahova	101.9	1.316	0.766	0.399	0.154
	111204	Busteni, PH	Prahova	130.0	2.087	1.265	0.434	0,196
195			Prahova	206.2	2.911	1.678	0.572	0.229
A	· · · · · ·		Prahova	330.0	4.669	2.768	1.216	0.498
200			Prahova	442.4	5 262	3.646	2.547	1.535
200	111210	Cimpina	Prahova	476.0	5.746	3.948	2.728	1.670
217		Ompina	Prahova	933.0	7.105	4.654	2.910	1.686
220	111215	Prahova	Prahova	984.0	7.282	5.416	4 261	3.320
Ē			Prahova	1132.7	8,177	6,009	4.656	3.492
270			Prahova	2809.0	16.033	12.706	10.636	6.575
H	111210	Adincata	Prahova	3682.0	18.455	14.305	11.674	7.376
	111605	Tesila	Doftana	288.0	2.902	1.911	1.262	0.532
Dam1		Paltinu Dam	Doftana	333.0	2.611	2 378	2.139	2.275*
В			Doftana	366.0	0.679	0.364	0.072	0,149
C			Doftana	414.3	0.827	0.390	0.007	0.000
	111705	Cheia	Teleajen	39.0	0.591	0.440	0.315	0.133
	111805	Valbilau	Slanic	42.0	0.130	0.073	0.048	0.026
Dam2		Maneciu Dam	Teleajen	243.0	3.338	2.359	1.846	1.406
J			Teleajen	470.0	2.193	1.186	0.860	0.209
240	111710	G. Vitioarei	Teleajen	491.0	2.278	1.242	0.704	0 2 4 2
ĸ			Teleajen	971.3	3.835	2.234	1.446	0.770
L			Teleajen	1178.0	4.731	3.382	2.612	0.957
260	111715	Moara	Teleajen	1434.0	6 934	5.382	4.522	2.790
м		<u></u>	Dimbu	35.3	0.097	0.059	0.042	0.027
250			Dimbu	152.0	2 203	2.000	1.910	1.833
275			Cricovul Sarat	112.9	0,161	0,106	0.066	0.020
0			Cricovul Sarat	483.5	0.688	0.454	0 282	0.088
280	112105	Ciorani	Cricovul Sarat	596.0	0.849	0 560	0.348	0.108

Table B.2.15 Existing Probable Flow Rate at Model Point

Note: Paltinu Dam is assumed to release 2.275 m3/s to meet the intake volume in B and C reaches.

Maneciu Dam is assume to equal to Point J.

Code	Supplier	Increased Network Water
4008	AD.P.P. AZUGA	1133.5
4011	ADPP. BUSTENI	41.0
4018	A.D.P.P.SINAIA	297.9
4026	A.D.P.P., COMARNIC	43.1
4028	CIVITAS BREAZA	605.9
4034	RAGC, L. CIMPINA	2846.0
4036	ARRA FILIALA PLOIESTI S.H. PALTINU	33699.3
4037	S.P. BAICOI	174.1
4041	S.G.C.L. BAICOI	391.0
4088	NERGA MANECIU SECTOR MANECIU	20.4
4127	GOSCOM SLANIC	240.7
4148	S.C.PETROTEL SA PL	123.1
4158	S.C. ASTRA ROMANA SA	21.8
4160	UPETROM PLOIESTI	51.7
4162	RAG.C. PLOIESTI	5403.3
4168	AUTOBAZA 1 PLOIESTI	2.0
4212	ARRA FILIALA PLOIESTI S.H. VALENI	3364.0
4223	CONSERVE MAGURELE	10.3
4374	S.G.C.L.URLATI	52.1
4506	RAG.C.L. VALENI	570.3
4512	UBEMAR	29.9
	Total	49122.0

Table B.2.16 Increase of Network Water by Supplier in 2015

(b) Non-drinking Network Water

Code	Supplier	Increase of Network Water
4035	S.C.STEAUA ROMANA SA	12.2
4045	ARRA FILIALA PLOIESTI S.H. NEDELEA	14372.7
4051	S.C. PETROBRAZI S.A.	0.0
4190	FUNCIARE S	576.1
	Total	14961.0

	مهد	•	Remarks	<u> </u>	4		10		~	9	4	2		2	Ω.			8 10286.5	2	vi ا	o, e	74		1.02) m	0	5	242		2 272	1		نه نر ر	2	2	0.0		<i>1</i> 0	0	2	20	2
- Totai	Increase of	Water Use	3	1503.	56.4	6.3C4		121.	3497.7	544.3	6598.	138.0	337.	796.	24.5	1.67.1	202	21103	1498.	160.5	00	10.3	128	230.5	14718.3	0.0	17654,9		1001	27.2	3868.6	0625.4	276611 276611	1350.5	1201	o	20011	15.0	-1694.0	-1037.2	0.95	2.5
(D) Agricultural Use		Network	Supply																																	Ì						
(D) Agricu	Direct	Surface	Intake							1																	2577.6													553.6		
al Use		Network	Supply	1324.2					41.0		1365.3	107.3	1073	,	į		4	- ALKENIA	1000.4	122			67017	230.5	0.014.01	CO1 141	14948.8		18.4	2	4020.4	4040.8	6.061	150.9	240.7		240.7			0.0		
(C) Industrial Use	Direct	Surface	Water Intake		56.4	458.3	316.2	1917	32463		4199.0	1.001	1991		24.5	49.4	9.5/			148.2		16.3	0.40	1.021			128.5	0.0		27.2	1	27.2	1100 F	1199.5			0.0	48.3	-1694.0	-1630.8	56.0	
ic Use		Network	Water Supphy	43.9					210.4		254,3		20	2.2			0.0		5.18022				0.0				0.0		407.4	21201	11295.3	12704.5		0.0			0.0			0.0		
(B) Domestic Use	Direct	_	Water Inteko	7.45.6						544.3	6.6//	30.8	97.0	0.05	7.001		753.2	407.3		1,000,0			1358.0				0.0							00	859.5		859.5			0.0		
(¥)	l		Reduce of Loss								0:0			n'n			0.0	0.0	20527.2				0.0				0.0	0.0			11447.1	11447.1		00			0.0			0:0		
			Present F Volume	1 6 6 3 1	33.0	674.0	465.0	7540.0	0.911	871.0	17595.0	1382.0	275.0	165/10	36.0	47.0	399.0	40.0	68424.0	0.6/08	57.0	24.0	8974.0	189.0	201.0	15851.0	18715.0	0'I	0.2011	0.80	38157.0	39357.0	0.714	0.40/I	352.0	248.0	600.0	44.0	1694.0	1749.0	30.0 20.0	
			Piver		Azusa	Azuga	Azuga	Azuga	Prahova	Arienova	-	Prahova	Prehova		Prahova	Prahova		Doftena	Doftana	Doftana	Doftana	Doftana		Prahove	Prahova	Prahova		Prahova	Toleajen	Telesion	Teleaion		i eleajon	l eleajen	Varhilau	Varbilau		Teleajen	Telesion		Cricovul	
			Aotivity Code		+ (A)	15	17	058	26	12			29		4 A1	26		41A1	41A1	41A3	3 5	\$		29 0143A	012B	41A2	-	012B	41A1	41A1	41A1		4141	14	1414	01430		\$: \$	76	2	12	
			teese de l'éven	- 2180/ISM/UBUL			×	ROMSILVA RA- OCOL SILVIC		N	JCML				VRNIC MARNIC	MARNIC		EA DOFTANEI	A.R.R.A. FILIALA PLOIESTI S.H.	VNIdi	S.C.STEAUA KOMANA SA ASACIATIA VINATORI OR SI	COMERCIALA		ILAJ S.A ARF I LICRARI	licol	AR.RA, FILIALA PLOIESTI S.H.	RUDUCIIE	17	ARRA. FILIALA PLOIESTI S.H.	CIU SECTOR	S.E.P.P.L. MANECIU A R R A FILLALA PLOJESTI S.H.		ENI	ALEN		JRFLF		re BCEJOI	DELTA DESIGN S.A. COMPLEX		סומ	
			3 3 7	Name of CSUBDISMITERL	AUPP, AZUGA	REPE AZUGA	POSTAV AZUGA	ROMSILVA RA	STIAZ AZUGA	HARTIA BUSTEN		AD P.P.SINALA	MEFIN SINALA	Sub-total	AD.P.P., COMARNIC DEFSCON COMARNIC	VULTURUL COMARNIC	Sub-total	PRIMARIA VALEA DOFTANE	ARRA FILM	R.A.G.C.L CAMPINA	S.C.STEAUA N	SOCIETATEA COMERCIALA	Sub-total	S.C. PETROUTILAJ S.A. S.C. EXPLOATARE LUC	POMICOLA BAICOI			COPINEX BRAZI	ARRA. FILIA	NERGA MANE	S.E.P.P.L. MAN	Sub-total	RAGCL VALEN	STICLOVAL VALEN	Sub-total Pyrevice of XMP	ACPP MAGURFLE	Sub-total	PREFABRICATE BLEJO	DELTA DESIGN S.A. CON	0.C.R.C.M.F.C.S.	VIDEDWAR SEDIO	
				000	4008		564 565	4348	4009	4014	421	4018	4021		4026 4027	4213		4375	4036	4034	4035	1934		4292	42.16	4045	222	51.67	4275	4088	4089		4508	4095		4127		4209	4326	1	4217	
			Model	Point	561 507	221	195	195	195	195	្ត្	k	<	5	202	38		Dami	m	þ	00	0	•	212	5	217	- 12	4	, -	۲	-, -	*	240	5 2 2		× ¥	2	┝		י ב	þ	

B-T57

end 355 (3.21b) 355 (3.21b) 556 (3.21b) 557 (3.21b) 558 (3.21b) 568 (3.21b) 561 (3.21b) 562 (3.21b) 561 (3.21b) 562 (3.21b) 561 (3.21b) 562 (3.21b) 562 (3.21b) 561 (3.21b) 562 (3.21b) 561 (3.21b) 562 (3.21b) 5		(4)		sacad Batum	Flow	Increased Flo	w into River	from Block			Prabable Flow Hate	IOW HATO		
Transion Sit (37)														95%
		increased Inteles of	2 4									95 % (347th		(NTPA-
Water Use (B)-(A) (B)-		Surface		Domenstic								Day) w/	95%	/w (100
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		Water	-	Use .		(B)-(A)	(B)-(B)	Accumu-	50 %		35 % (347th	Dam	(NTPA-	Dam
Numerican structure Constructure Constr				(10, m, //r)	(R) Total	(10 ³ m ³ /Yr.)		lated (m ³ /s)	-	(274th Day)	Day)	Release	001)	Release
Pr 6806.3 4783.8 505.6 5304.5 -1502.4 -0.048 2.863 1.530 0.525 0.550 0.565 0.545 0.526 0.525 0.526 0.526 0.525		. 1						0.000	1.316	0.766	0.395	665.0	0.154	0.154
Pr 930.3 437 1343.1 101.9 0.002 -0.016 4.653 2.722 1.201 1.201 Pr 337.1 1300.3 437 1343.1 101.9 0.002 -0.016 4.653 2.722 1.201 1.201 Dr 377.1 653.0 357.13 4.004.8 3134.6 0.036 0.024 5.346 3.779 2.850 2.503 2.600 2.630 2.630 2.731 2.701 2.005 2.630 2.630 2.721 0.00 2.721 0.00 2.721 0.00 2.630 2.734 2.721 0.00	200				53045	-1502 4	-0 048	-0.048	2,863	1.630	0.525	0.525	0.182	0.182
Pr 33.11 150.0 355.18 4004.8 3134.6 0.099 0.004 5.346 3729 2.630 <th2< td=""><td>CAL ·</td><td></td><td></td><td></td><td>19461</td><td>10110</td><td>0.025</td><td>-0.016</td><td>4.653</td><td>2.752</td><td>1.201</td><td>1.201</td><td>0.482</td><td>0.482</td></th2<>	CAL ·				19461	10110	0.025	-0.016	4.653	2.752	1.201	1.201	0.482	0.482
Pr 0.001 0.000 0.01 0.005 0.026 0.025 0.026 <th0.026< th=""> 0.026 0.02</th0.026<>	₹ ç			۳.	4004 B	3134.6	0.099	0.084	5.346	3.729	2.630	2.630	1.619	1.619
Pr 102865 0.0 0.0 102865 -0.337 18512 -18238 -0.326 -0.334 0.43 0.006 -0.377 0.005 Pr 17654.9 66000 2677.9 9377.9 -8377.0 -0.326 0.333 0.005 -0.377 0.005 -0.377 0.005 -0.377 0.005 -0.377 0.005 -0.377 0.005 -0.377 0.005 -0.377 0.005 -0.377 0.005 -0.377 0.005 -0.377 0.000 -0.377 0.005 -0.377 0.005 -0.377 0.005 -0.377 0.005 -0.377 0.005 -0.377 0.005 -0.377 0.005 -0.377 0.005 -0.377 0.005 -0.377 0.005 0.005 0.005 0.047 0.007 0.007 0.007 0.047 0.007 0.047 0.007 0.047 0.007 0.047 0.047 0.047 0.047 0.047 0.047 0.047 0.047 0.047 0.047 0.047 0.0					21222			0000	2.611	2.378	2.139	2.516	2.275	2.659
Un USE 00 157.0 135.12 -182.38 -0.058 -0.334 0.443 0.006 -0.377 0.000 Pr 17654.9 6600.0 2671.3 9277.3 -8377.0 -0.266 6.54.0 4.085 2.344 2.721 Pr 0.0 24842.3 0.0 1210.5 1210.5 1210.5 0.038 0.226 6.54.0 4.085 2.344 2.721 Pr 0.0 24842.3 0.05 0.038 0.266 8.47.6 2.721 2.721 Dm 0.0 10150.6 12057.6 17.10.5 0.005 0.107 2.913 2.723 Ti 38142.7 91.8 1223.3 1315.1 -582.11.6 0.005 0.105 0.016 0.047 0.047 Dm 0.0 10150.6 12057.6 1210.5 1270.5 0.005 0.102 0.006 0.047 0.047 Ti 1100.3 5821.0 2823.2 2.168 1.128 1.125		•			00	-10286.5	-0.326	-0.326	0.353	0.038	-0.254	0.123	-0.178	0.206
Pr 17654.9 6600.0 2677.9 9277.9 -8377.0 -0.266 -0.566 6.540 4.088 2.344 2.721 Pr 0.0 2484.2.3 0.0 2484.2.3 0.788 0.222 7.504 5.638 4.483 4.865 Pr 0.0 0.0 157.0 157.0 157.0 0.005 0.007 0.044 2.356 1.846 2.354 2.820 0.014 2.356 1.846 2.356 1.846 2.356 0.004 0.047 0.047 T1 13505 1259.3 13151 -36827.7 -1.168 1.125 0.114 -0.423 0.004 0.042 2.620 2.620 2.620 2.620 2.620 2.620 2.620		-			1851 2	-1823.8	-0.058	-0.384	0.443	0.006	-0.377	0.00	-0.384	000 000
Pr 0.00 24842.3 0.00 24842.3 0.738 0.222 7.504 5.638 4.483 4.860 Pr 0.00 0.01 157.00 </td <td></td> <td></td> <td></td> <td></td> <td>9277.9</td> <td>-8377.0</td> <td>-0.266</td> <td>-0.566</td> <td>6.540</td> <td>4.088</td> <td>2.344</td> <td>2.721</td> <td>1.120</td> <td>1.502</td>					9277.9	-8377.0	-0.266	-0.566	6.540	4.088	2.344	2.721	1.120	1.502
Pr 00 00 12105 1210.5 1210.5 0.038 0.260 8.437 6.269 4.916 5.293 Dm 0.0 10150.6 157.0 157.0 157.0 157.0 157.0 57.0 0.005 0.005 0.0102 0.064 0.047 0.047 Dm 0.0 10150.6 12067.6 22218.2 0.705 0.0102 0.064 0.047 0.047 Ti 38142.7 91.8 1223.3 1315.1 -36227.7 -11.68 -11.68 1.255 0.018 0.266 2.620 2.620 2.620 2.620 Ti 1350.5 1269.3 1315.1 -36227.7 -1.168 -1.128 1.255 0.018 2.560 0.006 0.006 Ti 1100.3 5821.0 2.844.1 0.477 -0.423 0.008 2.735 2.816 2.735 Ti 1000 1580.8 1580.8 0.565 0.565 0.018 0.065 0.066 <t< td=""><td></td><td></td><td></td><td></td><td>24842.3</td><td>24842.3</td><td>0.788</td><td>0.222</td><td>7.504</td><td>5.638</td><td>4,483</td><td>4.260</td><td>3.542</td><td>3.92(</td></t<>					24842.3	24842.3	0.788	0.222	7.504	5.638	4,483	4.260	3.542	3.92(
Dm 0.0 0.0 157.0 157.0 157.0 0.005 0.102 0.064 0.047 0.047 Dm 0.0 10150.6 12067.6 22218.2 0.705 0.710 2913 2.709 2.620 2.620 Ti 38142.7 91.8 1223.3 1315.1 -36827.7 -1.168 -1.168 1.025 0.014 -0.02 Ti 1350.5 1266.3 1335.1 -36827.7 -1.168 -1.168 1.025 0.014 -0.423 0.084 Ti 1350.5 1266.3 1334.4 2617.6 1267.2 0.047 -0.405 1.071 Ti -10037.2 12123.7 1883.3 14006.9 1504.41 0.477 -0.405 0.014 -0.423 0.084 Ti -10037.2 12123.7 1883.3 14006.9 1504.41 0.477 -0.405 5.735 2.875 2.876 2.713 Ti 0.00 1580.8 1574.2 1724.2 0.55			ł		12105	1210.5	0.038	0.260	8.437	6.269	4,916	5.293	3.753	4.137
Dm 0.0 10150.6 12067.6 22218.2 0.705 0.710 2.913 2.709 2.620 <t< td=""><td></td><td></td><td></td><td></td><td>157.0</td><td>157.0</td><td>0.005</td><td>0.005</td><td>0,102</td><td>0.064</td><td>0.047</td><td>0.047</td><td>0.032</td><td>0.032</td></t<>					157.0	157.0	0.005	0.005	0,102	0.064	0.047	0.047	0.032	0.032
Ti 0.000 3.338 2.359 1.846 2.354 Ti 38142.7 91.8 1223.3 1315.1 -36827.7 -1.168 1.025 0.018 -0.506 0.000 Ti 1350.5 1269.3 1348.4 2617.6 1267.2 0.040 -1.128 1.151 0.114 -0.423 0.084 Ti 1100.3 5821.0 2982.9 8803.9 7703.6 0.244 -0.833 2.951 1.351 0.668 1.071 Ti 1100.3 5821.0 2983.3 14006.9 1504.41 0.477 -0.406 4.325 2.976 2.206 2.713 Ti -100.3 1590.8 1504.41 0.477 -0.406 4.325 2.976 2.206 2.713 Ti -0.00 1580.8 1580.8 0.5050 0.566 1.724.2 1724.2 0.724.5 5.333 Pr 0.0 166.5 1578.7 0.724.2 0.0650 0.656 0.776 0.778 </td <td></td> <td></td> <td>101</td> <td>¥</td> <td>22218.2</td> <td>22218.2</td> <td>0.705</td> <td>0,710</td> <td>2.913</td> <td>2.709</td> <td>2.620</td> <td>2.620</td> <td>2.542</td> <td>2.542</td>			101	¥	22218.2	22218.2	0.705	0,710	2.913	2.709	2.620	2.620	2.542	2.542
1 38142.7 91.8 1223.3 1315.1 -36827.7 -1.168 1.025 0.018 -0.508 0.000 11 1350.5 1269.3 1348.4 2617.6 1267.2 0.040 -1.128 1.151 0.114 -0.423 0.084 11 1100.3 5821.0 2982.9 8803.9 7703.6 0.244 -0.833 2.951 1.351 0.562 1.071 11 -100.3 5821.0 2983.3 14006.9 15044.1 0.477 -0.406 4.325 2.976 2.066 2.713 11 -1003.2 12123.7 1883.3 14006.9 1530.8 0.506 0.033 2.951 1.576 2.713 71 -100.3 1580.8 1530.8 0.506 0.055 2.876 5.333 1.071 71 -1030.2 1389.1 389.1 0.012 0.012 0.173 0.178 0.078 0.078 75 56.0 0.06 0.173 0.173								0,000	3.338	2.359	1.846	2.354	1.406	2.365
1 0.0142.1 0.0142.5 0.0423 0.084 11 1350.5 1269.3 1348.4 2617.6 1267.2 0.040 -1.128 1.151 0.114 -0.423 0.084 11 1100.3 5821.0 2982.3 1348.4 2617.6 1267.2 0.040 -1.128 1.151 0.114 -0.423 0.084 11 1100.3 5821.0 2982.3 8805.3 7703.6 0.244 -0.833 2.951 1.351 0.563 1.071 11 100.3 1580.8 0.0 1560.8 150.441 0.477 -0.406 4.325 2.976 2.206 2.713 17 100.3 1580.8 1504.41 0.477 -0.406 4.325 2.976 2.206 2.713 17 100.0 1580.8 1724.2 1724.2 0.055 0.6668 16.702 12.189 0.078 0.078 0.078 0.078 0.078 0.078 0.076 0.345 0.345 0.34			-		12151	-362277	-1.168	-1168	1.025	0.018	-0.508	0.000	-0.959	0.00
I 1.3003 5.203 2.981 1.351 0.563 1.071 T 11003 5.8210 2.982.9 8803.9 7703.6 0.244 -0.883 2.951 1.351 0.563 1.071 T -1003.2 1212.37 1883.3 14006.9 15044.1 0.477 -0.406 4.325 2.976 2.206 2.713 T -1037.2 1512.37 1883.3 14006.9 1560.8 0.050 0.353 7.287 5.735 4.875 5.383 F 0.0 1566.5 1724.2 1724.2 0.055 0.666 16.702 12.189 0.078 0.078 0.078 0.078 0.078 0.078 0.078 0.078 0.078 0.078 0.078 0.078 0.076 0.345 </td <td>2</td> <td></td> <td>÷</td> <td></td> <td>9617.6</td> <td>1267.2</td> <td>0.040</td> <td>-1.128</td> <td>1.151</td> <td>0.114</td> <td>-0.423</td> <td>0.084</td> <td>-0.886</td> <td>0.073</td>	2		÷		9617.6	1267.2	0.040	-1.128	1.151	0.114	-0.423	0.084	-0.886	0.073
Ti -10372 1212.1 1883.3 14006.9 15044.1 0.477 -0.406 4.325 2.976 2.206 2.713 Ti -1037.2 12123.7 1883.3 14006.9 1580.8 0.650 0.353 7.287 5.735 4.875 5.383 Fr 0.0 1580.8 1724.2 1724.2 0.726 0.353 7.287 5.735 4.875 5.383 Fr 0.0 1580.8 1724.2 1724.2 0.055 0.666 16.702 13.375 11.305 12.189 Cs 0.0 0.0 1634.8 1578.7 0.050 0.062 0.751 0.078 0.078 Cs 0.0 111.4 1542.3 1653.7 0.550 0.662 0.652 0.463	040 040				8803.9	7703.6	0.244	-0.883	2.951	1.351	0.563	1.071	41101	0.84
Ti 0.00 158.08 0.0 158.08 0.050 0.353 7.287 5.735 4.875 5.383 Pr 0.00 166.5 1557.8 1724.2 1724.2 0.055 0.668 16.702 13.375 11.305 12.189 Pr 0.00 0.00 389.1 389.1 0.012 0.012 0.173 0.118 0.078 0.078 Cs 56.0 0.00 1634.8 1578.7 0.050 0.062 0.751 0.516 0.345 0.345 Cs 50.0 0.01 1653.7 1653.7 1653.7 0.052 0.115 0.516 0.345 0.345 Cs 0.0 0.0 602.0 602.0 0.052 0.115 0.667 0.463 0.463 Pr 0.0 0.0 0.01 602.0 602.0 0.015 0.105 0.167 0.463 0.463 Pr 0.0 0.0 0.05 0.015 0.802 0.802	۷.		-		14006.9	15044.1	0.477	-0.406	4.325	2.976	2.206	2.713	0.551	1.51
Pr 0.0 166.5 1557.8 1724.2 1724.2 0.055 0.668 16.702 13.375 11.305 12.189 Cs 0.0 0.0 339.1 339.1 339.1 339.1 0.012 0.173 0.118 0.078 0.078 Cs 56.0 0.0 1634.8 1578.7 0.050 0.062 0.751 0.516 0.345 0.345 Cs 56.0 0.0 1634.8 1578.7 0.052 0.015 0.751 0.516 0.345 0.463 0.463 0.463 0.463 0.463 0.463 0.463 0.463 0	J Cac	5		?	1580.8	1580.8	0.050	0.353	7.287	5.735	4.875	5.383	3.143	4.10
Cs 0.0 0.0 389.1 389.1 0.012 0.173 0.118 0.078 0.078 Cs 56.0 0.0 1634.8 1578.7 0.050 0.062 0.751 0.516 0.345 0.345 0.345 Cs 56.0 0.0 1634.8 1578.7 0.050 0.062 0.751 0.516 0.345 0.345 0.345 Cs 0.0 111.4 1542.3 1653.7 1653.7 0.052 0.115 0.963 0.463	010				17242	1724.2	0.055	0.668	16.702	13.375	11.305	12.189	7.243	8.586
Cs 56.0 0.0 1634.8 1578.7 0.050 0.062 0.751 0.516 0.345 0.345 Cs 0.0 111.4 1542.3 1653.7 1653.7 0.052 0.115 0.963 0.674 0.463 0.463 Pr 0.0 0.0 602.0 602.0 0.019 0.802 19.257 15.107 12.476 13.361 Pr 79242.9 71037.0 33506.6 104543.6 25300.7 0.019 0.802 19.257 15.107 12.476 13.361	275				389.1	389.1	0.012	0.012	0.173	0.118	0.078	0.078	0.033	0.03
Cs 0.0 111.4 1542.3 1653.7 1653.7 0.052 0.115 0.963 0.674 0.463 0.463 Pr 0.0 0.0 602.0 602.0 602.0 0.019 0.802 19.257 15.107 12.476 13.361 Pr 79242.9 71037.0 33506.6 104543.6 25300.7 0.019 0.802 19.257 12.476 13.361	ç Ç				1634.8	1578.7	0.050	0.062	0.751	0.516	0.345	0.345	0.150	0.15(
Pr 0.0 602.0 602.0 602.0 602.0 12.476 13.361 79242.9 71037.0 33506.6 104543.6 25300.7 25300.7 12.476 13.361	280 -		-		1653.7	1653.7	0.052	0.115	0.963	0.674	0.463	0.463	0.223	0.22
79242.9 71037.0 33506.6 104543.6) 2 1				602.0	602.0	0.019	0.802	19.257	15.107	12.476	13.361	8.178	9.521
	Total	79242		33506.6	104543.6	25300.7								

Table B.2.18 Probable Flow Rate in 2015

Noto: Pr: Prahova River, Df. Doftana River, Dm: Dimbu River, TI: Teleajen River, Cs: Cricovul Sarat River

		(A)	Incre	ased Return	Flow	Increased Flo	w into Rive	r from Block	
		Increased							
		Intake of							
		Surface	Industrial	Domenstic					Flow Rate
11.4.1		Water	Use	Use		(B) (A)	(B)-(A)	Accumu-	50 %
Model Block	River*	(10 ³ m ³ /Yr.)	(10 ³ m ³ /Yr.)	-	(B) Total	$(10^{3}m^{3}/Yr.)$	(m³/s)	lated (m ³ /s)	(182nd Day)
	Pr		(10 (17 / 117	(10 /// ////	(57 1015)			0.000	1.316
190	Pr	2078.4	1853.6	224.0	2077.7	-0.8	0.000	0.000	2.911
195			348.2	-257.6	90.5	-21.9	-0.001	-0.001	4,668
A	Pr	112.4 505.4	182.5	2712.9	2895.4	2390.0	0.076	0.075	5.337
200	Pr	000.4	102.3	2112.3	2035.4	2000.0	0.070	0.000	2.611
Dam1	Df	740.4	~~	0.0	0.0	-749.4	~0.024	-0.024	0.655
B	DI	749.4	0.0	115.3	542.1	-724.4	-0.023	-0.047	0.781
C	10	1266.5	426.8	1398.0	3240.7	-3549.7	-0.113	-0.084	7.021
217	Pr	6790.4	1842.6		6941.2	6941.2	0.220	0.136	7.418
220	Pr	0.0	6941.2	0.0		776.7	0.025	0.161	8.337
<u>E</u>	Pr	0.0	0.0	776.7	776.7	and a second second second second second second second second	0.023	0.003	0.100
M	Dm	0.0	0,0	97.1	97.1	97.1		0.003	
250	Dm	0.0	3092.4	4692.6	7784.9	7784.9	0.247		2.453 3.338
Dam2	TI						0.005	0.000	
J	TI	1815.8	25.7	675.2	700.8	-1114.9	-0.035	-0.035	2.158
240	TI	377.3	354.7	1059.1	1413.8	1036.5	0.033	-0.002	2.276
ĸ	TI	791.3	2775.0	1799.5	4574.5	3783.2	0.120	0.117	3.952
L	TI	-1082.7	1437.4	1169.5	2606.9	3689.6	0.117	0.234	4.965
260	TI	0.0	441.7	0.0	441.7	441.7	0.014	0.498	7.432
270	Pr	0.0	46.5	1062.3	1108.8	1108.8	0.035	0.694	16.727
275	Cs	0.0	0.0	138.6	138.6	138.6	0.004	0.004	0.165
0	Cs	15.7	0.0	932.7	932.7	917.0	0.029	0.033	0.722
280	Cs	0.0	31.1	1188.0	1219.2	1219.2	0.039	0.072	0.921
н	₽r	0.0	0.0	214.5	214.5	214.5	0.007	0.773	19.228
Total		13419.8	19799.3	17998.4	37797.7	24378.0		Ct Diss	

Table B.2.19 Flow Rate in 2005

Note: Pr. Prahova River, Df. Doftana River, Dm. Dimbu River, Tt. Teleajen River, Cs. Cricovul Sarat River

.

		(A)	Incre	ased Return	Flow	Increased Flo	w into Rive	r from Block	
		Increased Intake of Surface Water	Industrial Use	Domenstic Use		(B)-(A)	(B)-(A)	Accumu- lated	Flow Rate 50 % (182nd
Model	0	$(10^3 m^3 / Yr.)$		$(10^3 m^3/Yr)$	(D) T.J.J	(10 ³ m ³ /Yr.)	(m ³ /s)	(m ³ /s)	(1027) (Day)
Block	River*		(10 m / 17.)	$(10 \text{ m}/(\ell))$	(B) Total	(10 m / 1r.)	(m /s)	0.000	1.310
190	Pr	1005.0	0174.0	000.0		607.0	0.000	-0.022	2.889
195	Pr	4225.3	3174.8	362.9	3537.7	-687.6	-0.022		
A	Pr	224.7	769.3	-106.5	662.8	438.1	0.014	-0.008	4.661
200	Pr	681.6	393.7	3027.4	3421.1	2739.6	0.087	0.079	5.341
Dam1	Df		~ ~ ~		• •	5104 Q	0.100	0.000	2.611
B	Df	5131.0	0.0	0.0	0.0	-5131.0	-0.163	-0.163	0.516
C	Df	2371.8	921.0	217.9	1139.0	-1232.8	-0.039	-0.202	0.626
217	Pr	11668.3	3977.9	2015.9	5993.9	-5674.5	-0.180	-0.303	6.803
220	Pr	0.0	14978.4	0.0	14978.4	14978.4	0.475	0.172	7.454
E	Pr	0.0	0.0	988.8	988.8	988.8	0.031	0.204	8.380
M	Dm	0.0	0.0	126.0	126.0	126.0	0.004	0.004	0.101
250	Ðm	0.0	6261.3	8252.3	14513.7	14513.7	0.460	0.464	2.667
Dam2	TI							0.000	3.338
J	TI	18501.8	55.4	943.0	998.3	-17503.4	-0.555	-0.555	1.638
240	TI	814.2	765.3	1201.3	1966.6	1152.4	0.037	-0.518	1.760
к	Ti	936.0	4142.6	2378.9	6521.5	5585.5	0.177	-0.341	3.493
L	TI	-1062.3	6235.3	1518.8	7754.1	8816.4	0.280	-0.062	5.435
260	TI	0.0	953.1	0.0	953.1	953.1	0.030	0.433	8.133
270	Pr	0.0	100.4	1302.7	1403.0	1403.0	0.044	0.681	16.714
275	Cş	0.0	0.0	262.0	262.0	262.0	0,008	0.008	0.169
0	Cs	33.8	0.0	1276.4	1276.4	1242.6	0.039	0.048	0.736
280	Ċs	0.0	67.2	1361.2	1428.3	1428.3	0.045	0.093	0.942
н	Pr	0.0	0.0	405.4	405.4	405.4	0.013	0.787	19.24
Total		43526.3	42795.7	25534.5	68330.2	24803.9			

Table B.2.20 Flow Rate in 2010

Note: Pr. Prahova River, Df. Doftana River, Dm. Dimbu River, TI: Teleajen River, Cs. Cricovul Sarat River

		(A)	Incre	ased Return	Flow	Increased Flo	w into River	r from Block	
		Increased Intake of				To be a series of the series o		<u> </u>	Flow Rate
		Surface	Industrial	Domenstic				Accumu-	50 %
Model		Water	Use	Use		(B)-(A)	(B)-(A)	lated	(182nd
Block	River*	(10 ³ m ³ /Yr.)	(10 ³ m ³ /Yr.)	(10 ³ m ³ /Yr.)	(B) Total	$(10^{3}m^{3}/Yr)$	(m^3/s)	(m³∕s)	Day)
190	Pr							0.000	1.316
195	₽r	8196.2	5958 9	505.6	6464.6	~1731.6	-0.055	-0.055	2.856
Α	Pr	410.9	1461.8	48.7	1510.5	1099.6	0.035	-0.020	4.649
200	₽r	904.5	845.1	3351.8	4196.8	3292.3	0.104	0.084	5.347
Dam1	Df							0.000	2.611
В	Df	13061.9	0.0	0.0	0.0	-13061.9	-0.414	-0.414	0.265
С	Df	4341.3	1976.8	323.7	2300.5	-2040.8	-0.065	-0.479	0.348
217	Pr	22089.4	8519.1	2677.9	11197.1	-10892.3	-0.345	-0.740	6.366
220	Pr	0.0	32148.9	0.0	32148.9	32148.9	1.019	0.279	7.561
E	۲r	0.0	0.0	1210.5	1210.5	1210.5	0.038	0.318	8.495
М	Om	0.0	0.0	157.0	157.0	157.0	0.005	0.005	0.102
250	Om	0.0	13031.5	12067.6	25099.1	25099.1	0.796	0.801	3.004
Dam2	TÌ							0.000	3.338
J	TI	48609.2	118.8	1223.3	1342.1	-47267.2	-1.499	-1.499	0.694
240	Tł	1747.7	1642.6	1348.4	2991.0	1243.3	0.039	-1.459	0.819
ĸ	TI	1171.1	7064.2	2982.9	10047.2	8876.1	0.281	-1.178	2.657
L	T 1	-1018.6	16485.4	1883.3	18368.7	19387.3	0.615	-0.563	4.934
260	T)	0.0	2045.7	0.0	2045.7	2045.7	0.065	0.303	8.003
270	Pr	0.0	215.4	1557.8	1773.2	1773.2	0.056	0.677	16.710
275	Cs	0.0	0.0	389.1	389.1	389.1	0.012	0.012	0.173
0	Cs	72.5	0.0	1634.8	1634.8	1562.2	0.050	0.062	0.750
280	Cs	0.0	144.1	1542.3	1686.5	1686.5	0.053	0.115	0.964
н	Pr	0.0	0.0	602.0	602.0	602.0	0.019	0.811	19.266
Total		99586.1	91658.5	33506.6	125165.1	25579.0			

Note: Pr. Prahova River, Df: Doftana River, Dm: Dimbu River, TI: Teleajen River, Cs: Cricovul Sarat River

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		(A)	Incre	ased Return	Flow	Increased Flo	w into River	r from Block	
		Increased							
		Intake of							Flow Rate
		Surface	Industrial	Domenstic				Accumu-	50 %
Model		Water	Use	Use		(8)-(A)	(8)-(A)	lated	(182nd
Block	River*	(10 ³ m ³ /Yr.)	(10 ³ m ³ /Yr.)	(10 ³ m ³ /Yr.)	(B) Total	(10 ³ m ³ /Yr)	(m³/s)	(m³/s)	Day)
190	Pr							0.000	1,316
195	Pr	5487.1	3696.7	505.6	4202.4	-1284.8	-0.041	-0.041	2.870
A	Pr	267.1	1146.9	48.7	1195.7	928.6	0.029	-0.011	4.657
200	Pr	837.5	470.5	3351.8	3822.3	2984.8	0.095	0.083	5.346
Dam1	Df							0.000	2.611
B	Df	7649.8	0.0	0.0	0.0	~7649.8	-0.243	-0 243	0.436
C	Df	3042.0	1100.7	323.7	1424.4	-1617.6	-0.051	-0.294	0.533
217	Pr	13442.1	4776.8	2677.9	7454.7	-5987.4	-0.190	-0.400	6.705
220	Pr	0.0	17901.1	0.0	17901.1	17901.1	0.568	0.167	7.449
ε	Pr	0.0	0.0	1210.5	1210.5	1210.5	0.038	0.206	8.383
М	Dm	0.0	0.0	157.0	157.0	157.0	0.005	0.005	0.102
250	Dm	0.0	7413.7	12067.6	19481.3	19481.3	0.618	0.623	2.826
Dam2	TI						· · · · · ·	0.000	3.338
J	TI	28199.6	66.2	1223.3	1289.4	-26910.2	-0.853	-0.853	1.340
240	TI	973.1	914.6	1348.4	2263.0	1289.9	0.041	-0.812	1.466
к	TI	1033.0	4639.9	2982.9	7622.8	6589.8	0.209	-0.603	3.23
L	TI	-1054.8	7980.0	1883.3	9863.3	10918.1	0.346	-0.257	5.240
260	TI	0.0	1139.1	0.0	1139.1	1139.1	0.036	0.402	8.10
270	Pr	0.0	120.0	1557.8	1677.7	1677.7	0.053	0.660	16.694
275	Cs	0.0	0.0	389.1	389.1	389.1	0.012	0.012	0.17
0	Cs	40.4	0.0	1634.8	1634.8	1594.4	0.051	0.063	0.75
280	Cs	0.0	80.3	1542.3	1622.6	1622.6	0.051	0.114	0.96
Н	Pr	0.0	0.0	602.0	602.0	602.0	0.019	0.794	19.24
Total		59916.8	51446.5	33506.6	84953 2	25036.3	<u>.</u>		

Table B.2.22 Flow Rate in 2015 with Lower Industrial Production Growth Rate

Note: Pr: Prahova River, Df: Doftana River, Dm: Dimbu River, TI: Teleajen River, Cs: Cricovul Sarat River

Table B.3.1 Required Maximum Capacity for Various Development Discharge

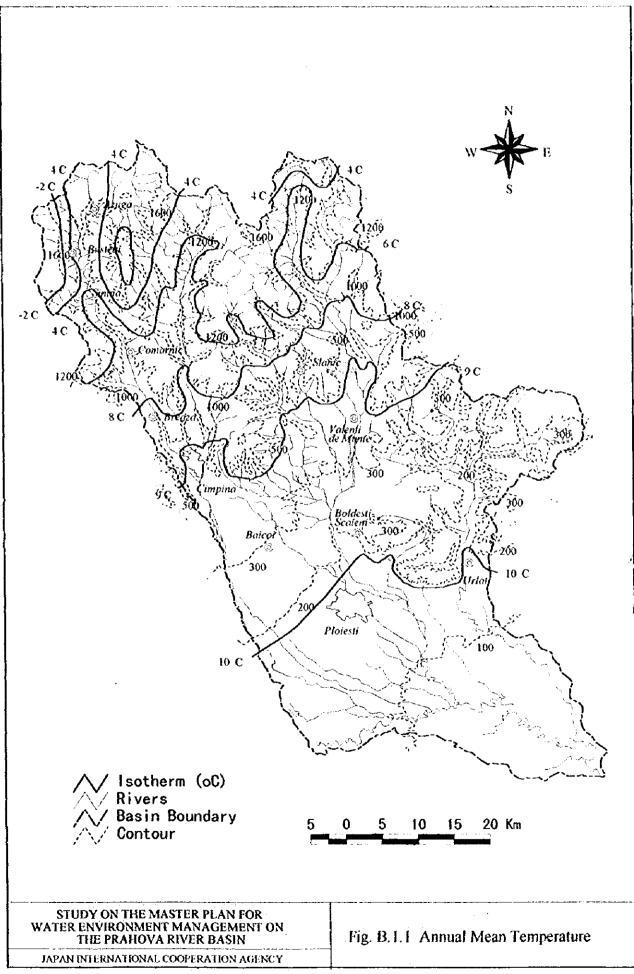
			PALI	INU RES			-			
Dis.	0.0 n	1 ³ /s	0.5 n	1 ³ /s	0.7 n	n ³ /s	0.9 n	n ³ /s	1.16 1	11 ³ /s
Year	Date	V	Date	V	Date	<u>v</u>	Date	V	Date	<u> </u>
1977	12 31	440	12 31	2,269	12 31	3,714	12 31	5,194	12 31	7,019
1978	2 13	3,020	2 13	6,751	2 13	8,956	2 13	11,196	2 13	13,895
1979	12 31	15	12 31	450	12 31	1,419	12 31	2,863	12 31	4,576
1980	1 31	366	29	1,712	3 22	4,032	3 22	6,894	3 23	10,241
1981	1 29	29	9 14	364	9 14	703	9 14	1,126	9 14	1,865
1982	12 19	582	12 19	2,486	12 19	3,697	12 19	4,973	12 19	6,461
1983	12 31	3,533	12 31	7,028	12 31	8,534	12 31	10,073	12 31	12,034
1984	3 25	6,490	3 25	13,657	3 25	16,632	3 25	19,640	3 26	23,309
1985	3 13	7,699	3 15	13,729	3 15	16,718	3 15	20,077	3 16	23,983
1986	2 19	3,438	2 19	9,952	35	12,904	37	16,031	37	19,734
1987	3 26	11,836	3 27	19,102	3 27	22,895	3 27	26,697	3 27	31,082
1988	12 31	6,167	3 13	12,057	3 13	15,997	3 14	22,129	3 14	33,529
1989	2 24	11,352	2 24	18,296	2 25	21,195	2 25	24,415	11 7	30,101
1990	12 6	10,291	12 6	16,069	12 6	18,525	12 11	30,264	12 11	47,532
1991	3 12	6,673	3 13	16,572	3 13	20,687	3 13	34,033	3 14	53,122
1992		10,384	12 31	17,440	12 31	20,445	12 31	23,451	12 31	26,947
1993		19,508	3 17	29,847	3 17	34,165	3 17	38,485	3 18	43,502
1994		4,933	3 23	11,648	3 27	15,962	12 31	24,321	12 31	34,972
1995		6,731	2 26	14,216	35	19,962	35	30,329	36	42,270
1996	1	976	11 26	3,066	11 26	4,564	11 26	6,949	11 26	9,743

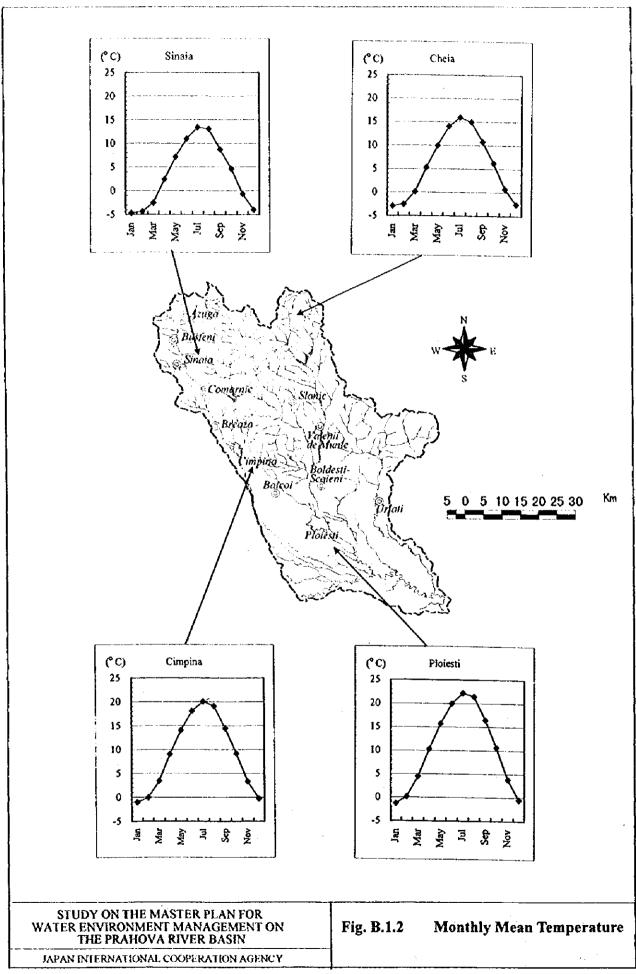
Dis. : Development Discharge (m³/s) V : Required Capacity (Mil. M³)

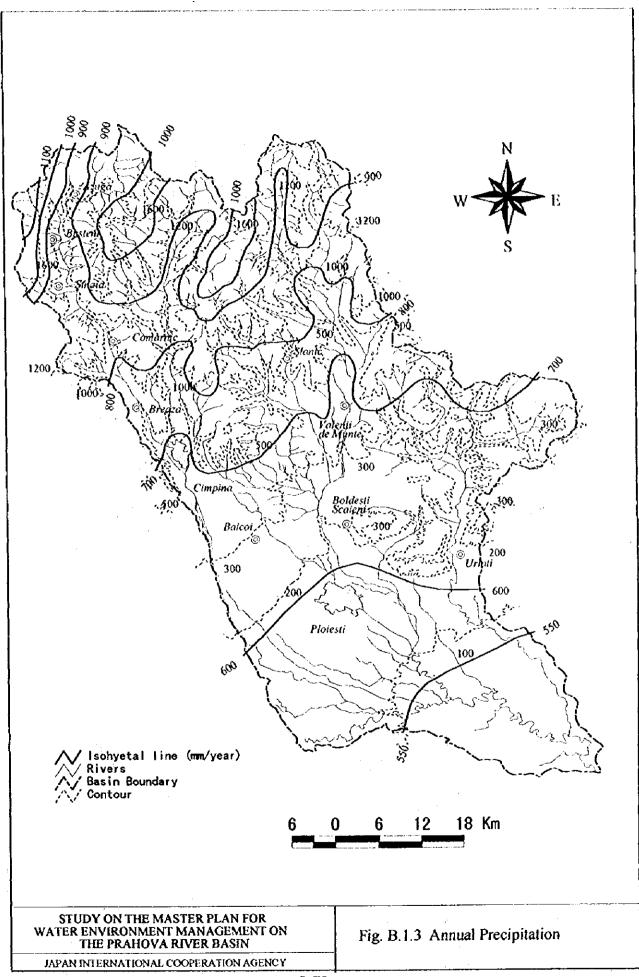
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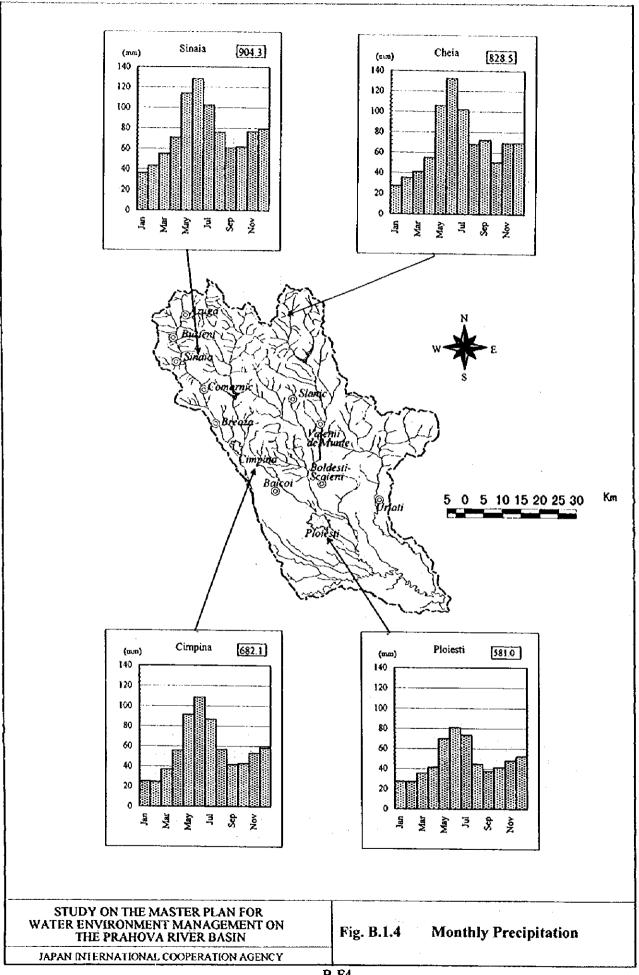
Dis.	Dis. 0.0 m ³ /s		2.0 m ³ /s		2.75	m ³ /s	2.84 m ³ /s			3.0 m ³ /s	
Year	Date	V_	Date	V	Date	V	Dat	e	v	Date	Y
1977	12 31	0	12 31	1,025	12 31	5,898	12	31	6,567	12 31	7,776
1978	12 31	0	2 13	5,112	2 13	12,837	2	13	13,848	2 13	15,665
1979	12 31	0	12 31	153	12 31	2,946	12	31	3,609	12 31	4,798
1980	12 31	o	1 31	934	3 22	7,308	3	22	8,609	3 22	10,932
1981	12 31	o	31	123	9 14	1,207	9	14	1,401	9 14	1,886
1982	12 31	0	12 19	1,264	12 19	5,536	12	19	6,111	12 19	7,147
1983	12 14	13	12 31	5,984	12 31	11,557	12	31	12,266	12 31	13,617
1984	12 14	· 0	3 25	11,451	3 25	22,532	3	26	23,902	3 26	26,443
1985	3 11	116	3 14	11,974	3 15	23,077	3	15	24,590	3 16	27,286
1986	32	100	2 19	7,590	37	18,388	3	7	19,788	37	22,285
1987	2 15	1,650	3 26	16,910	3 27	30,723	3	27	32,434	3 27	35,483
1988		41	3 11	9,926	3 14	26,984	3	14	31,225	3 14	38,787
1989	2 20	40	2 24	17,072	2 25	28,107	2	25	29,771	11 7	33,679
1990	10 21	176	12 6	15,305	12 11	36,304	12	11	42,863	12 11	54,573
1991	2 21	86	3 12	15,840	3 13	42,751	3	13	49,987	3 14	62,904
1992	12 31	251	12 31	16,098	12 31	27,098	12	31	28,451	12 31	30,877
1993	13	341	3 17	28,746	3 17	44,670	3	17	46,614	3 18	50,097
1994		61	12 31	8,795	12 31	29,172	12	31	35,012	12 31	46,517
1995	1	53	2 15	11,951	35	36,004	3	5	42,342	36	54,745
1996		0	11 24	2,242	11 26	8,588	11	26	9,646	11 26	11,553

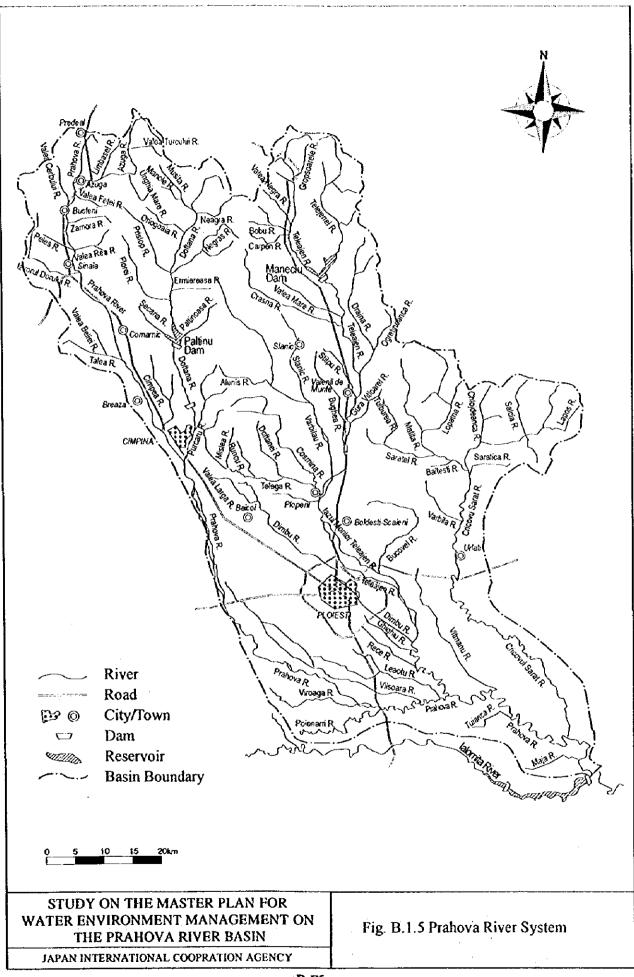
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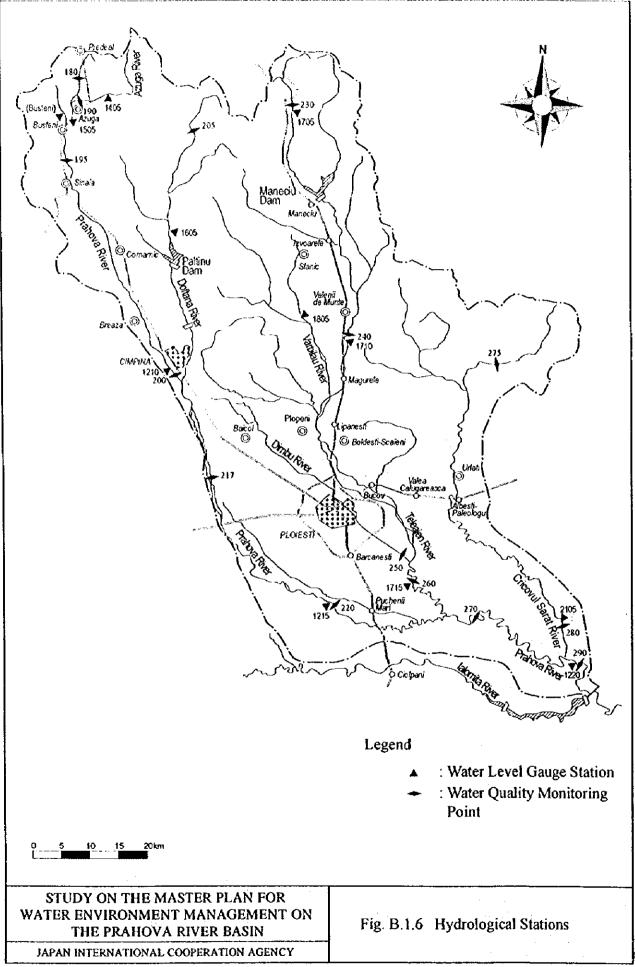


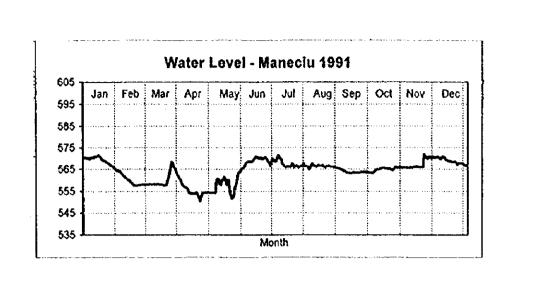


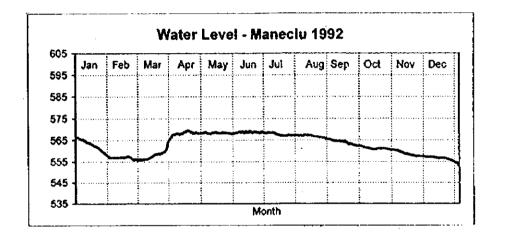


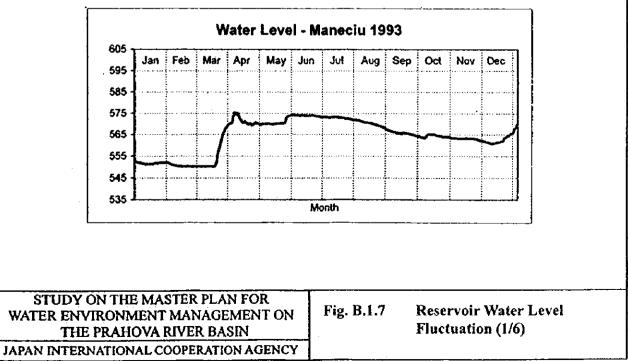


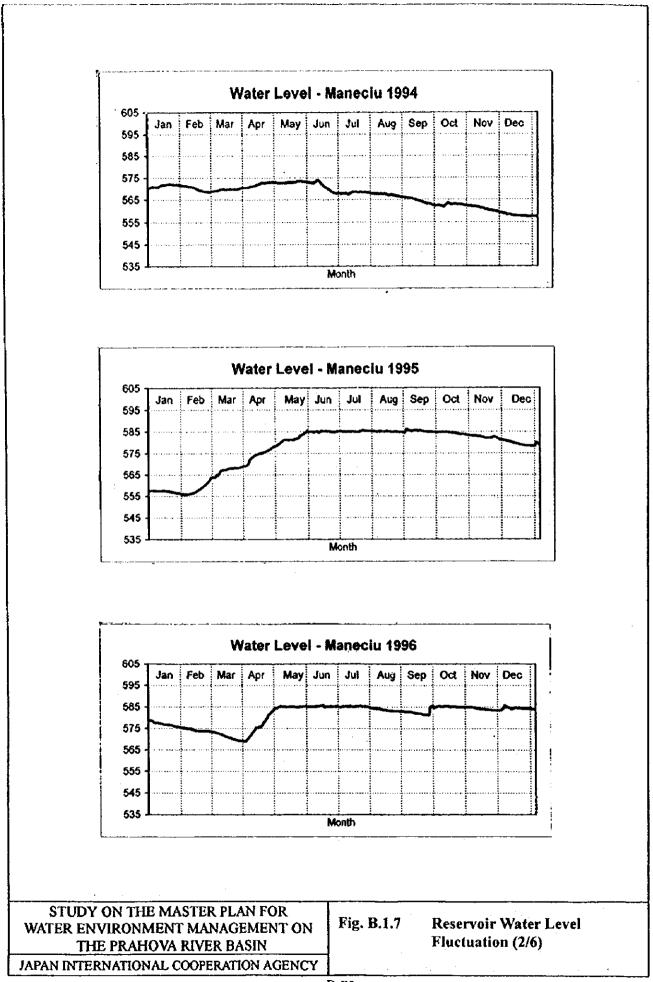


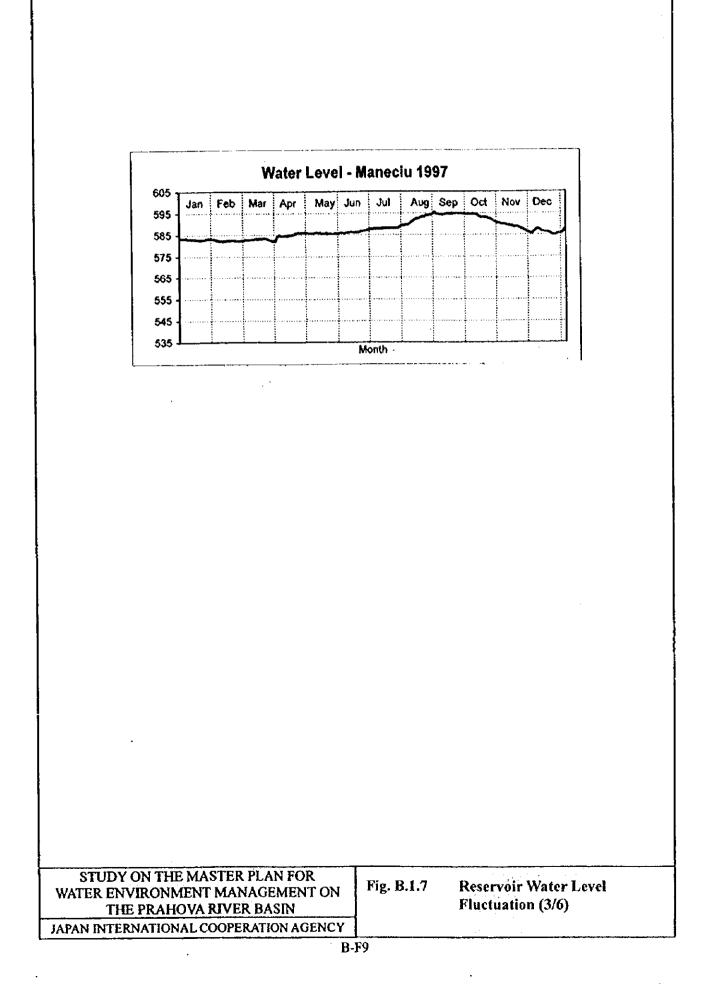


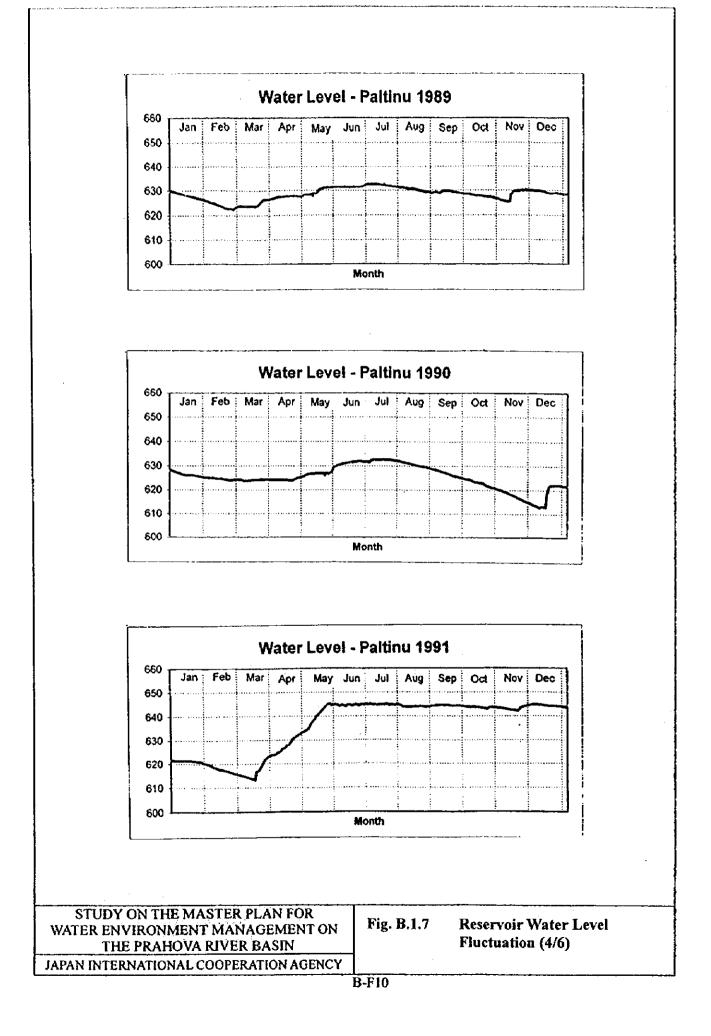


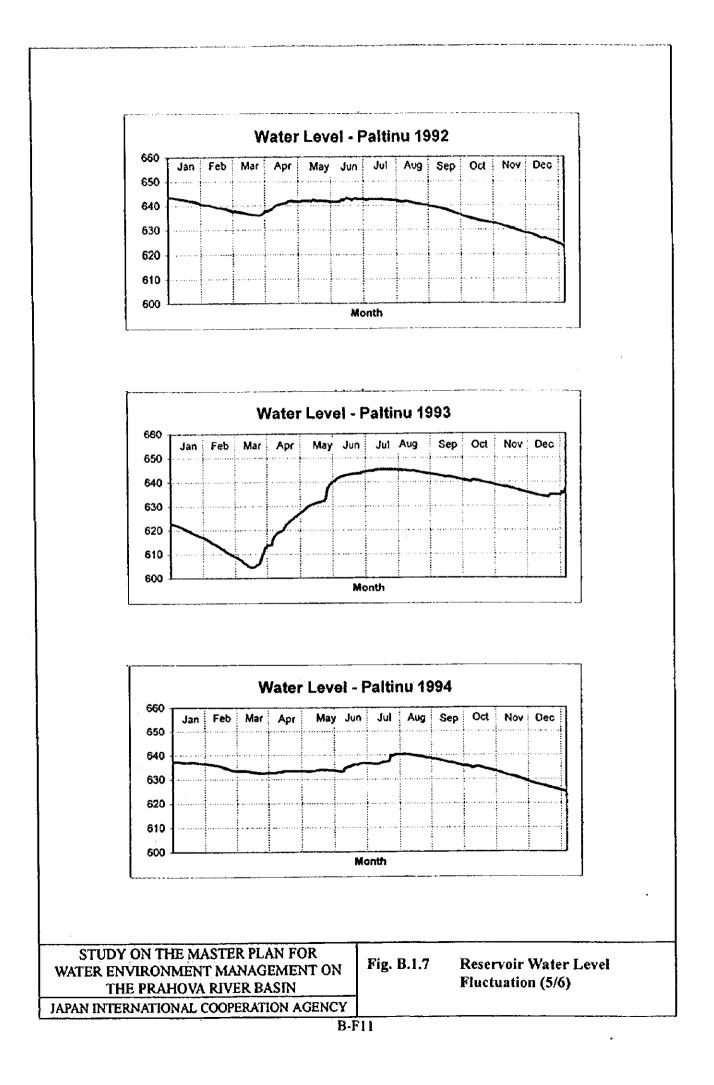


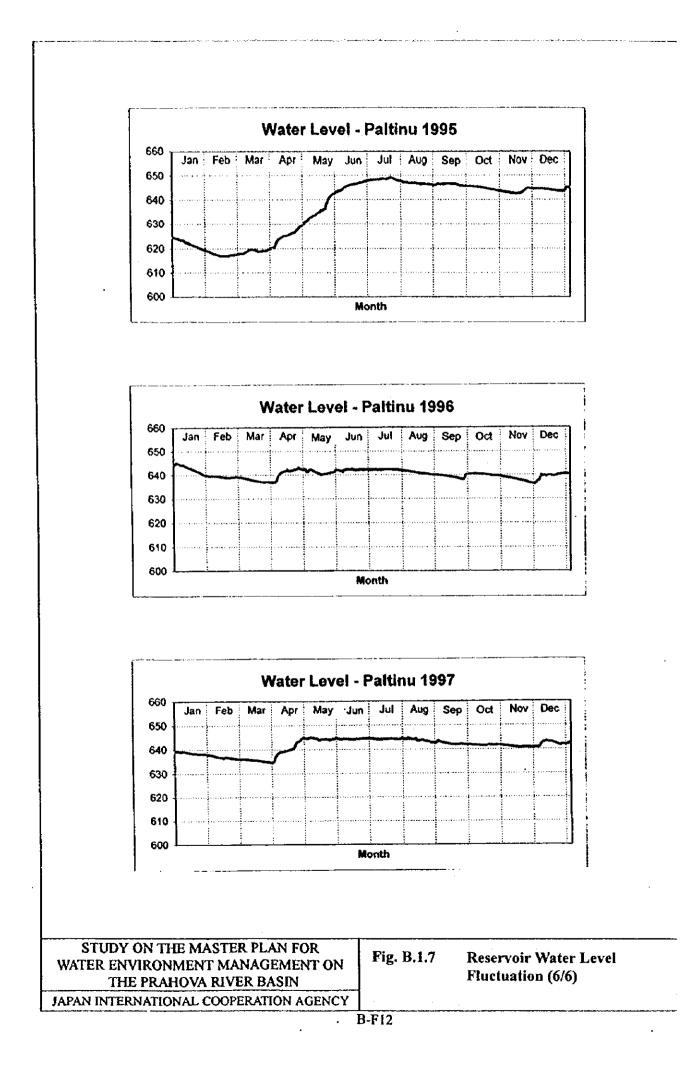


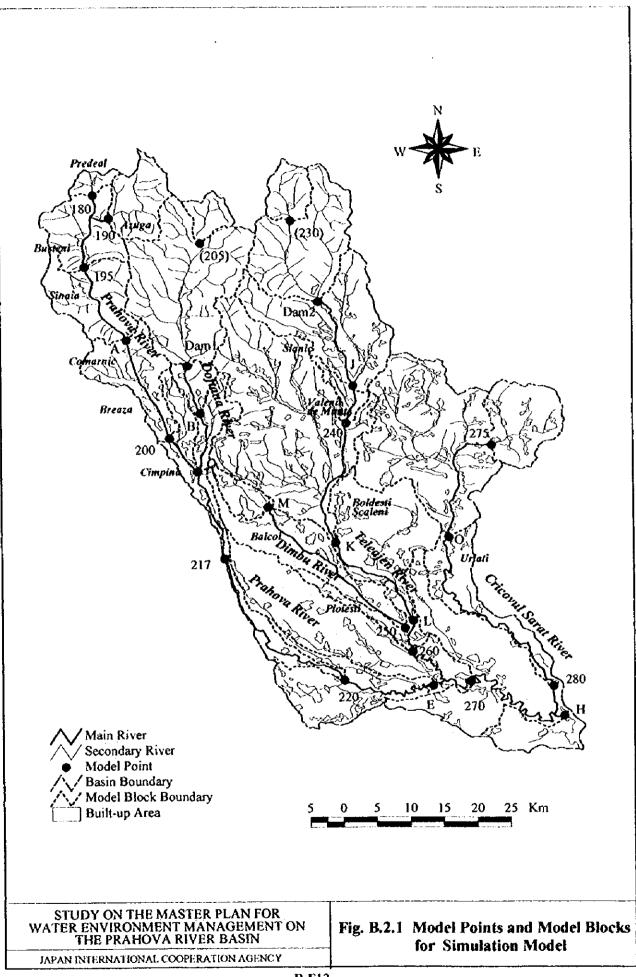


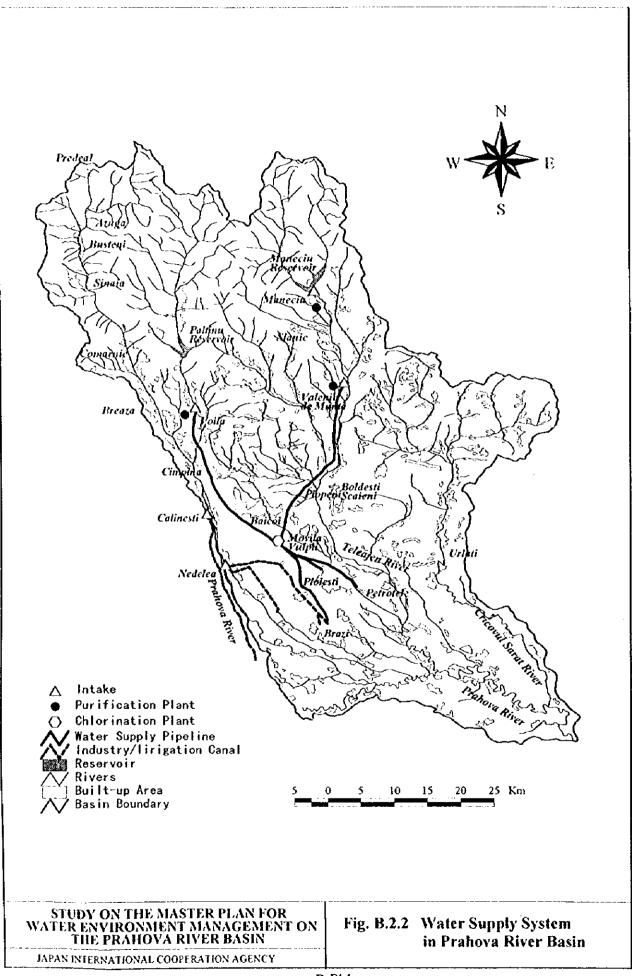


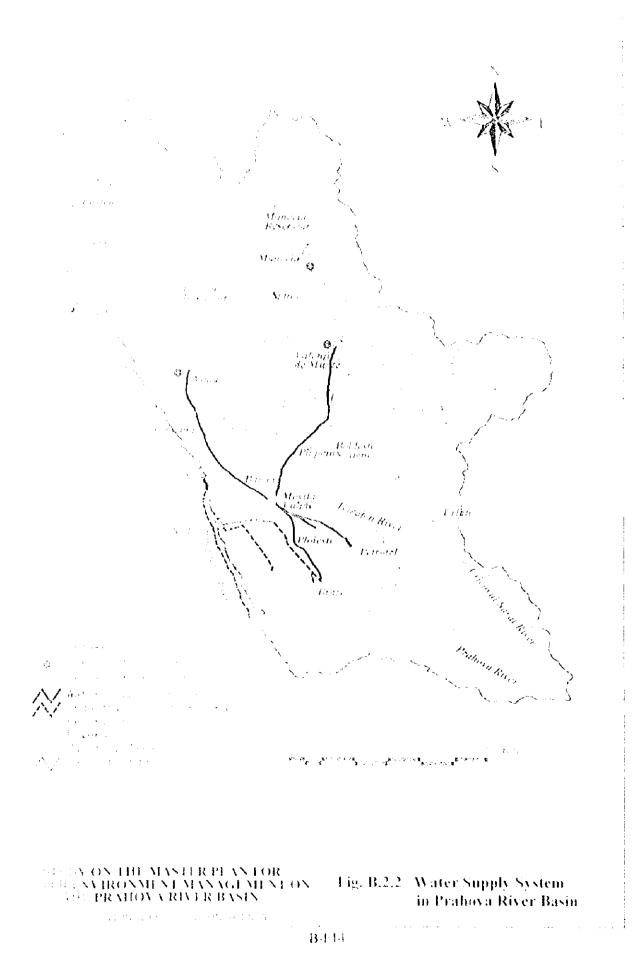


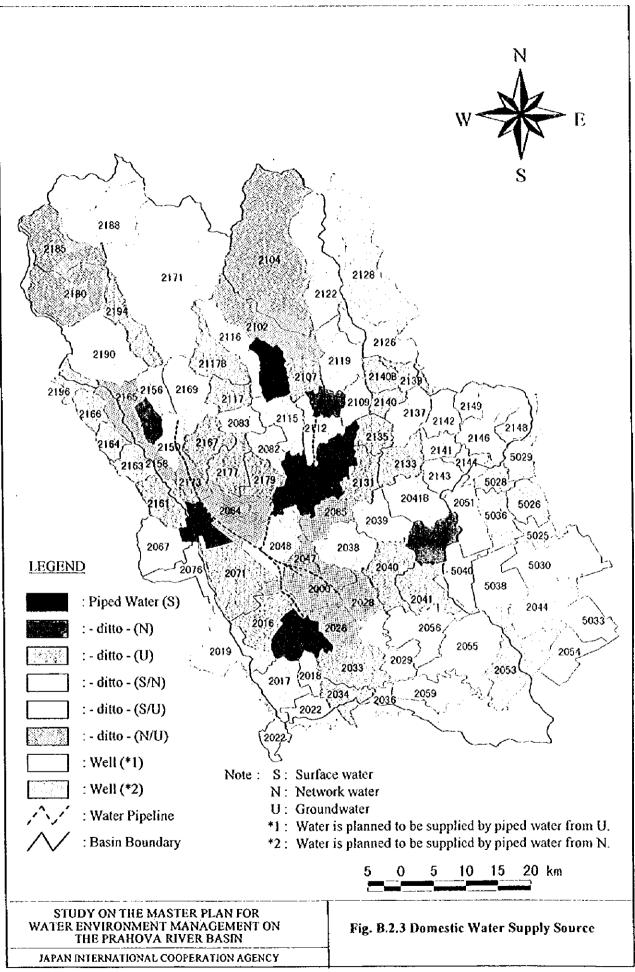


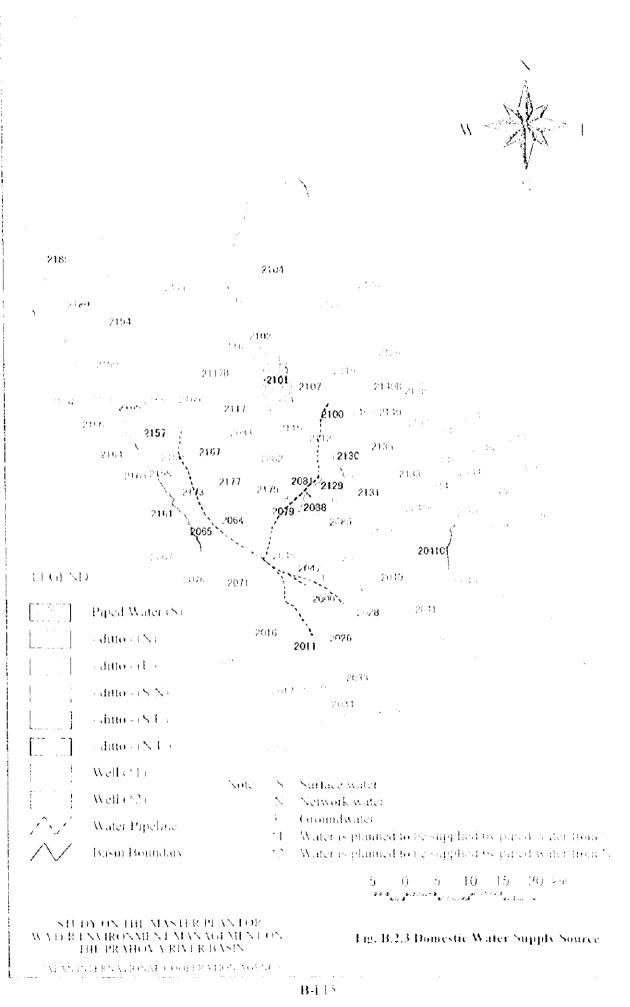


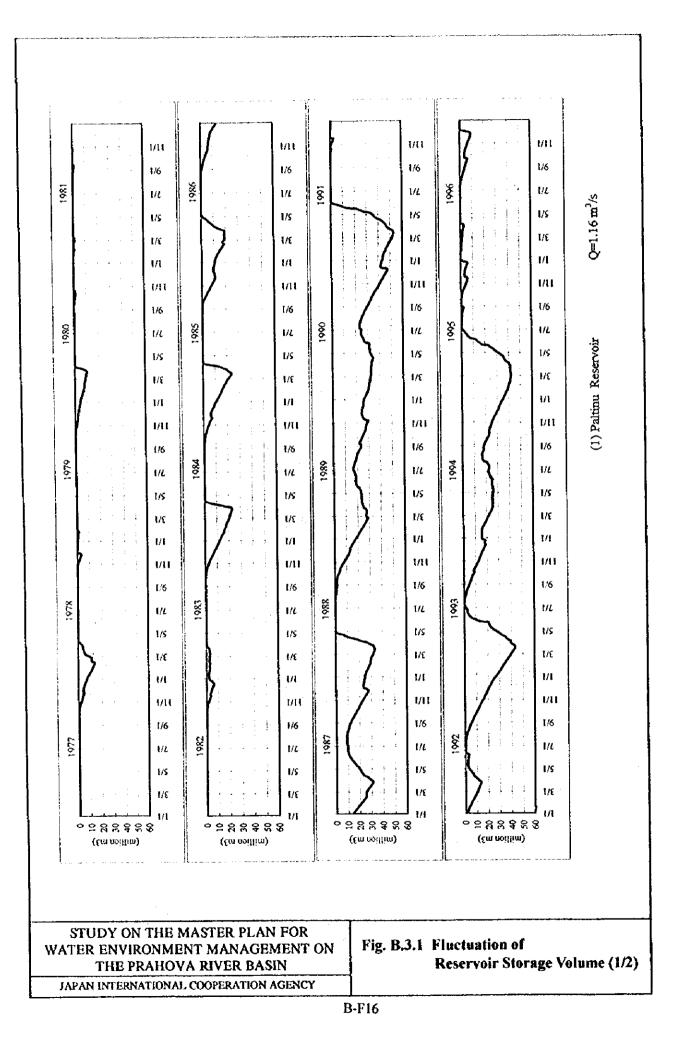


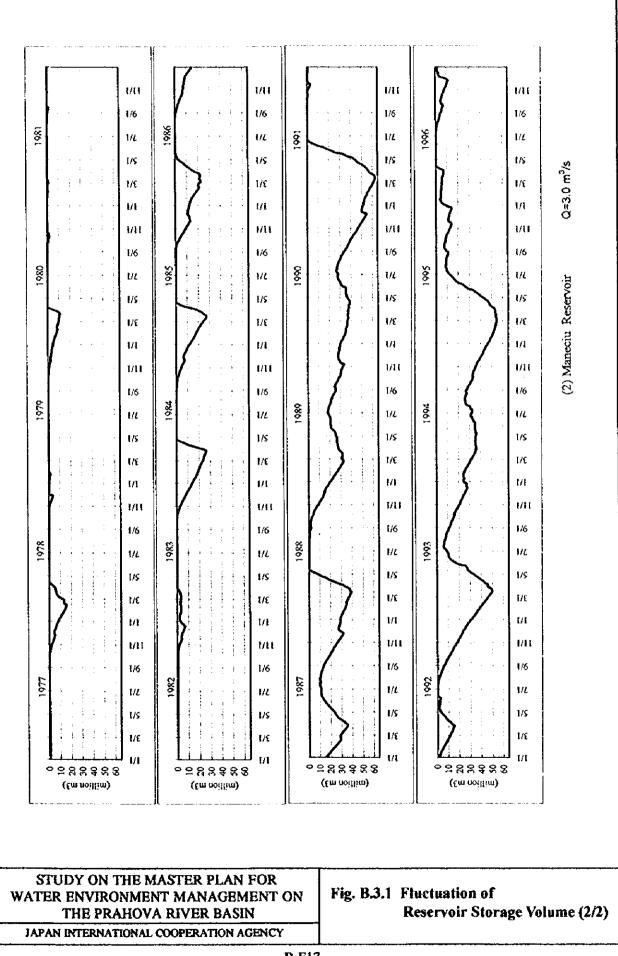












APPENDIX C

RIVER WATER QUALITY AND POLLUTION MECHANISM

APPENDIX C

RIVER WATER QUALITY AND POLLUTION MECHANISM

Table of Contents

CHAPTER	I	PRESENT RIVER WATER QUALITY	C-1
	1.1	General	C-1
	1.2	Organic Water Pollution	C-1
	1.3	Toxic Pollution	C-4
	1.4	Seasonal Variation of River Water Quality	C-5
	1.5	Pollution Load Balance in River	C-5
	1.6	Comparison of Existing River Water Quality with National Standards	C-6
CHAPTER	11	SUPPLEMENTARY WATER QUALITY OBSERVATION	C-8
	2.1	General	C-8
	2.2	Observation Results	C-8
	2.3	Distribution of Water Pollution	C-9
CHAPTER	III	WATER POLLUTION MECHANISM IN PRAHOVA RIVER	C-11
	3.1	General	C-11
	3.2	BOD Pollution Analysis by Simulation Model	C-11
	3.3	Modeling of Prahova River Basin	C-11
		3.3.1 Division of the Basin	C-11
		3.3.2 Classification of Pollution Load	C-12
		3.3.3 Pollution Load Generated/Effluent	C-13
		3.3.4 Runoff of Pollution Load	C-15
	3.4	Simulation Method	C-16
	3.5	Result	C-17
		3.5.1 Pollution Load	C-17
		3.5.2 BOD Concentration in Prahova River	C-19
CHAPTER	IV	RIVER WATER POLLUTION IN THE FUTURE	C-20
	4.1	General	C-20
	4.2	Baseline River Water Quality	C-20
		4.2.1 Calculation Condition	C-20
		4.2.2 Result	C-22
	4.3	River Water Quality under Implementation of Permissible Limit in 2015	C-25

		4.3.1 Calculation Condition	C-25
		4.3.2 Target River Water Quality	C-25
		4.3.3 Result	C-26
	4.4	River Water Quality in 2005 and 2010	C-29
		4.4.1 Implementation Program	C-29
		4.4.2 Result	C-30
	4.5	Impact of Economic Growth to River Water Quality	C-32
		4.5.1 Calculation Condition	C-32
		4.5.2 Result	C-32
CHAPTER	v	AQUATIC LIFE	C-34
	•		0-04
	5.1	General	C-34
	•	-	
	5.1	General	C-34
	5.1	General Aquatic Fauna in 1960'	C-34 C-34
	5.1	General Aquatic Fauna in 1960' 5.2.1 Benthonic Fauna	C-34 C-34 C-34
	5.1 5.2	General Aquatic Fauna in 1960' 5.2.1 Benthonic Fauna 5.2.2 Ichthyological Fauna	C-34 C-34 C-34 C-36
	5.1 5.2	General Aquatic Fauna in 1960' 5.2.1 Benthonic Fauna 5.2.2 Ichthyological Fauna Existing Aquatic Fauna	C-34 C-34 C-34 C-36 C-38

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List of Tables

Table C.1.1	Name and Location of Periodical Observation Points	C-TI
Table C.1.2	River Water Quality at Monitoring Station(1995-1997)	C-T2
Table C.1.3	National Standard of River Water Quality	C-T3
Table C.2.1	Location of Supplementary Water Quality Analysis in Prahova River	C-T5
Table C.2.2	Points of Third Supplementary Water Quality Analysis in Prahova River	С-Т7
Table C.2.3	Results of Supplementary Water Quality Analysis(First Time)	С-Т9
Table C.2.4	Results of Supplementary Water Quality Analysis (Second Time)	C-T14
Table C.2.5	Results of Supplementary Water Quality Analysis(Third Time)	C-T19
Table C.2.6	Comparison between Second Time Supplementary Water Quality Analysis Data and National Standard of Wastewater Quality	C-T29
Table C.2.7	Comparison between Third Time Supplementary Water Quality Analysis Data and National Standard of Wastewater Quality	C-T31
Table C.2.8	Water Treatment Efficiency	C-T33
Table C.3.1	Present Pollution Load Runoff from Point Source	C-T34
Table C.3.2	Present Pollution Load Runoff from Non-point Source of Household	C-T36
Table C.3.3	Present Pollution Load Runoff from Non-point Source of Livestock	С-Т39
Table C.3.4	Present Pollution Load Runoff from Non-point Source of Land	C-T45
Table C.4.1	Existing and Future Probable River Flow Rates	C-T47
Table C.4.2	Pollution Load in 2015 under 10 mg/L Permissible Limit	C-T48
Table C.4.3	Pollution Load in 2015 under 5 mg/L Permissible Limit	C-T49
Table C.4.4	Pollution Load in 2005 Baseline	C-T50
Table C.4.5	Pollution Load in 2005 with Project	C-T51
Table C.4.6	Pollution Load in 2010 Baseline	C-T52
Table C.4.7	Pollution Load in 2010 with Project	C-T53
Table C.4.8	Pollution Load in 2015 under Low Growth Rate Baseline	C-T54
Table C.4.9	Pollution Load in 2015 under Low Growth Rate and 20 mg/L Permissible Limit	C-T55
Table C.4.1	0 Pollution Load in 2015 under High Growth Rate Baseline	C-T56
Table C.4.1	Pollution Load in 2015 under High Growth Rate and 20 mg/L Permissible Limit	C-T57
Table C.4.1	2 Pollution Load in 2015 under High Growth Rate and 10 mg/L Permissible Limit	C-T58
Table C.5.1	Systematic List of Macrobenthos in Ialomita River in 1968	C-T59
Table C.5.2	Systematic List of Macrobenthos in Prahova River in 1968	C-T60
	-	

Table C.5.3	Systematic List of Macrobenthos in Ialomita River in 1998	C-T61
Table C.5.4	Systematic List of Macrobenthos in Prahova River in 1998	C-T62

List of Figures

Fig.	C.1.1	River System and Periodical Observation Points	C-F1
Fig.	C.1.2	Longitudinal Variation of Water Quality of Prahova River	C-F2
Fig.	C.1.3	Seasonal Variation of River Flow Rate and Water Quality	C-F3
-	C.1.4	BOD Load Balance in Prahova River Basin	C-F4
- Fig.	C.2.1	Supplementary Water Quality Observation Point	C-F5
Fig.	C.2.2	BOD Concentration Balance in Winter Season (First Time Observation)	C-F6
Fig.	C.2.3	BOD Concentration Balance in Winter Season (Second Time Observation)	C-F7
Fig.	C.2.4	BOD Concentration Balance in Summer Season (Third Time Observation)	C-F8
Fig.	C.2.5	Toxic Substance Concentration in Winter Season (Second Time Observation)	C-F9
Fig.	C.2.6	Toxic Substance Concentration in Summer Season (Third Time Observation)	C-F10
Fig.	C.2.7	Oil Concentration in Summer Season (Second Time Observation)	C-FH
Fig.	C.2.8	Oil Concentration in Summer Season (Third Time Observation)	C-F12
Fig.	C.2.9	Pesticides Concentration in Summer Season (Third Time Observation)	C-F13
Fig.	C.2.10	Pollutants Concentration in Factory Effluent	C-F14
Fig.	C.2.11	Pollutants Concentration in Sewerage Effluent	C-F15
Fig.	C.2.12	Water Treatment Efficiency of Factory and Sewerage System	C-F16
Fig.	C.3.1	Model Points and Model Blocks for Simulation Model	C-F17
Fig.	C.3.2	Schematic Diagram for Simulation Model	C-F18
Fig.	C.3.3	Simulation Structure of Simulation Model	C-F19
Fig.	C.3.4	Present Load Generated and Load Runoff from Model Block	C-F20
Fig	C.3.5	BOD Concentration Computed by Simulation Model	C-F21
Fig	C.3,6	Present Load Balance in Prahova River	C-F22
Fig	C.4.1	Baseline Present Load Generated and Load Runoff from Model Block	C-F23
Fig	C.4.2	Baseline Load Generated and Load Runoff in 2015 from Model Block	C-F24

Fig. C.4.3	BOD Baseline Present Concentration under NTPA-001 95 % Discharge	C-F25
Fig. C.4.4	BOD Baseline Concentration in 2015 under NTPA-001 95 % Discharge	C-F26
Fig. C.4.5	BOD Baseline Present Concentration under 50 %, 75 % and 95 % Probable Discharge	C-F27
Fig. C.4.6	BOD Baseline Concentration in 2015 under 50 %, 75 % and 95 % Probable Discharge	C-F30
Fig. C.4.7	Load Generated and Load Runoff in 2015 under Permissible Limit 5 mg/L, 10 mg/L and 20 mg/L	C-F33
Fig. C.4.8	BOD Concentration in 2015 under NTPA 95% Discharge and Permissible Limit of 5 mg/L, 10 mg/L and 20 mg/L.	C-F36
Fig. C.4.9	BOD Concentration in 2015 under Permissible Limit of 20 mg/L	C-F37
Fig. C.5.1	Ialomita and Prahova River	C-F40
Fig. C.5.2	Fishes in Ialomita and Prahova River	C-F41

CHAPTER I PRESENT RIVER WATER QUALITY

1.1 General

The Romanian Waters has periodically observed the water quality of the Prahova Main River and its tributaries at 14 points and keeps data since 1953. The river system and periodical observation points are shown in Fig. C.1.1 along with water level gauge stations. The name and location of the water quality observation points are listed in Table C.1.1.

The water quality of the Prahova River was analyzed and assessed based on the available data during the recent three (3) years from 1995 to 1997 in this Study. The existing river water quality is summarized below.

1.2 Organic Water Pollution

(1) Prahova Main River

The organic water pollution of the Prahova Main River is characterized by river reach as described below.

(a) Upper Reaches

The monitoring stations of Nos. of 180 (Predeal), 190 (Azuga) and 195 (Amonte Sinaia) represent the water quality in the upper reaches of Sinaia. Water of this reach is comparatively clean although the river receives the wastewater of several small sewerage and factories. The average water quality during 1995-1997 was 3.3-4.3 mg/l in BOD and 77 mg/l in SS.

(b) Middle and Lower Reaches

The water pollution gradually increases while the river runs downward. The river water at the monitoring point No. 200 (Cornu: located immediately before the confluence with the Doftana River) is affected by the additional domestic industrial wastewater effluents of Sinaia Town, Comarnic Town, Breaza Town and Cimpina City. The river water deteriorates to 6.2 mg/l in BOD and approximately 170 mg/l in SS on an average during 1995-1997.

The river water at No.200 point is turbid in blue/gray color. This is considered due to soil (clay mineral) erosion of the riverbanks and mountain slopes between Sinaia and Cimpina. In fact, exposed clay minerals are identified in many locations of the riverbanks and mountain slopes.

Immediately after No. 200 Point, the Doftana River with a comparatively abundant flow rate joins the Main River. In the lower end of the Doftana River (immediately before the confluence), some pollution loads enter to the river from a large petrochemical factory. However, the water pollution of the Main River is rather alleviated until the downstream section of this middle reaches due to the dilution effects of the Doftana river flow. The water quality of the downstream end of the middle reaches is monitored at No. 217 (Nedelea).

There is a large water intake immediately downstream of No. 217, which

supplies industrial and irrigation water to the industrial estate of Ploiesti City and the farmlands in its surrounding areas.

Three (3) major factories discharge a large quantity of wastewater with a high BOD and Oil concentration to the Prahova River at the southern west of Ploiesti City. The monitoring point No. 220 is located immediately downstream of these wastewater effluents. The river water quality suddenly gets worse at this point. The average river water quality during 1995-1997 is estimated to be 18.0 mg/l in BOD and 324 mg/l in SS.

Further, the river water is polluted by oil extending over a long distance of the Prahova Main River due to the above factories' wastewater.

Distance BOD COD SS No. River Name Location Name (km) (mg/l) (mg/l) (mg/l) 180 Prahoya Main Predeal 5.0 3.84 2.09 76 15.0 4.34 Amonte Sigaia 2.41 195 Prahova Main 80 Cornu 53.0 6.21 200 Prahova Main 3.42 169 Prahova Maio Nedelea 73.0 623 138 217 3.50 105.0 18.02 220 Prahoya Main Tinosu 11.00 324

The existing organic pollution of the Prahova Main River is summarized below.

*Distance : measured from river head

Azuga

Amonte Traisteni

Azuga

Doftana

Details of the river water quality at the above stations are shown in Table C.1.2. The longitudinal variation of water quality in the Prahova Main River is shown in Fig. C.1.2.

21.0

1.0

3.32

3.37

1.84

1.83

67

73

(2) Teleajen River

190

205

The water quality of the Teleajen River deteriorates gradually downwards until the river reaches Ploiesti City area. The river water quality suddenly becomes worse after the confluence with the Dimbu River. The organic water pollution of the Teleajen River is characterized by river reach as described below.

(a) Upper Reaches

The monitoring station No. 230 at Cheia represents the water quality in the upstream reaches of the Maneciu Dam. The river water is clean and its average water quality during 1995-1997 is estimated to be 3.7 mg/l in BOD.

(b) Middle Reaches

The monitoring station No. 240 represents the water quality in the middle reaches between the Maneciu Dam and Ploiesti/Valea Calugareasca. The average river water quality becomes worse to 6.1 mg/l in BOD due to the domestic wastewater effluents.

Further, the river water is turbid in gray color due to erosion of the exposed clay minerals in the riverbanks and mountain slopes.

(c) Lower Reaches

The river water of the lower reaches is much affected by the effluents of domestic and industrial wastewater from Ploiesti City and Valea Calugareasca area. In particular, the water quality suddenly becomes worse after the confluence of the Dimbu River.

The monitoring station No. 260 at Moara Domneasca represents the river water quality of the lower reaches. The water quality during 1995-1997 is 22.2 mg/l in BOD on average. It reaches 42.2 mg/l at the maximum.

(d) Dimbu River

The river receives the domestic and industrial wastewater of Ploiesti City. The river water quality is observed at the downstream end of the river. The river water is polluted to a large extent and the average BOD concentration during 1995-1997 is estimated at 36 mg/l. The river is also much polluted by oil from the factories.

The existing organic pollution of the Teleajen River is summarized below.

No.	River Name	Location Name	Distance (km)	BOD (mg/l)	COD (mg/l)	SS (mg/l)
230	Teleajen	Cheia	10.0	3.69	2.02	65
240	Teleajen	Gura Vitioarei	58.0	6.08	3.38	201
260	Teleajen	Moara Domneasca	110.0	22.22	13.81	335
250	Dimbu	Goga	37.0	34.70	22.64	305

*Distance : measured from river head

Details of the river water quality at the above points are shown in Table C.1.2. The longitudinal variation of water quality in the Teleajen River is Fig. C.1.2.

(3) Cricovul Sarat River

The river water is highly polluted over the entire river stretches by organic materials. Even the water quality in the upper reaches is estimated to be 15.7 mg/l in BOD on average at Sangeru. The river water quality in the downstream is further polluted due to the wastewater effluents from Urlati Town. The average BOD concentration is 17.6 mg/l at Ciorani.

Further, the river is highly turbid in yellow/brown color due to soil erosion of the riverbanks and watersheds.

The existing organic pollution of the Cricovul Sarat River is summarized below.

No.	River Name	Location Name	Distance (km)	BOD (mg/l)	COD (mg/l)	SS (mg/l)
275	Cricovul Sarat	Sangeru	10.0	15.65	9.21	307
280	Cricovul Sarat	Ciorani	88.0	17.62	10.64	328

*Distance : measured from river head

Details of the river water quality at the above points are shown in Table C.1.2. The longitudinal variation of water quality in the Cricovul Sarat River is shown Fig. C.1.2.

1.3 Toxic Pollution

Available data of the toxic pollution is limited. However, the following toxic pollution has been identified in the Prahova River Basin.

(1) Prahova River

No analysis for toxic pollution has been done at the monitoring points of No. 180 and No. 190 since no toxic pollution sources are identified in their upstream reaches.

Cyanide, Phenol, Oil Products (extracted substance from petroleum ether) and Detergent with a low concentration are observed at Cornu monitoring station (No. 200). This is due to the domestic and industrial wastewater effluents from the towns and city along the Prahova Valley. The toxic pollution at the same level as at Cornu is also observed at Nedelea monitoring station (No. 217).

Cyanide, Phenol, Oil Products and Detergent are also observed at Tinosu monitoring station (No. 220). Their concentrations are much higher than those at Nedelea. Further, cadmium is also observed here. From this fact, toxic pollution sources of the Prahova Main River are considered to concentrate in the lower reaches between Nedelea and Tinosu.

No.	River Name	Location Name	<u>CN</u> (mg/l)	Phenol (mg/l)	Oil (mg/l)	Cd (mg/l)
180	Prahova Main	Predeal	-		0.00	-
195	Prahova Main	Amonte Sinaia	0.01	0.00	0.00	0.00
200	Prahova Main	Cornu	0.01	0.01	0.09	0.00
217	Prahova Main	Nedelea	0.01	0.02	0.61	0.00
220	Prahova Main	Tinosu	0.03	0.09	6.03	0.00
190	Azuga	Azuga	•		0.00	-
205	Doftana	Amonte Traisteni	-	-	0.00	-

The average concentration of toxic pollution of the river is summarized below.

(2) Teleajen River

The river water is contaminated by no toxic pollution in the upper reaches. Cyanide, Phenol and Oil Products with a low concentration are observed at the monitoring station: Gura Vitioarei (240) in the middle reaches. The concentration of Cyanide, Phenol and Oil Products increase at the monitoring station: Moara Domneasca (260) in the lower reaches due to the sewerage and factory effluents from Ploiesti City and Valea Calugareasca area.

In the downstream of the Dimbu River, Cyanide, Phenol and Oil Products with higher concentration than other river sections are observed at the monitoring station: Goga (250). Further, Cadmium is also observed at this point. This fact shows that the wastewater treatment of the factories in the Dimbu River Basin is not always satisfactory.

The average concentration of toxic matters in the Teleajen River is summarized below.

No.	River Nante	Location Name	CN (mg/l)	Phenol (mg/l)	Oil (mg/l)	Cd (mg/l)
230	Teleajen	Cheia	-	•	0.00	•
240	Teleajen	Gura Vitioarei	0.01	0.01	0.02	0.00
260	Teleajen	Moara Donneasca	0.04	0.05	6.27	-
250	Dimbu	Goga	0.01	0.12	15.08	0.01

(3) Cricovul Sarat River

The river water is contaminated by almost no toxic pollution in the upper reaches. Cyanide, Phenol and Oil Products with a low concentration are observed at the monitoring station: Ciorani (280) in the upper reaches.

The average concentration of toxic matters in the Cricovul Sarat River is summarized below.

No.	River Name	Location Name	CN (mg/l)	Phenol (mg/l)	Oil (ng/i)	Cd (mg/i)
275	Cricovul Sarat	Sangeru	-	0.05	1.04	-
280	Cricovul Sarat	Ciorani	0.03	0.04	3.25	0.00

1.4 Seasonal Variation of River Water Quality

The river water quality usually varies by season, depending on the river flow rate and water temperature. However, no significant seasonal variation is recognized in the Prahova River except the Prahova Main River. The monthly average river water quality in BOD of the Prahova River is shown in Fig. C.1.3, compared with those of river flow rate and water temperature.

- (1) The BOD concentration of the Prahova Main River at the monitoring station: Tinosu (220) is lower in summer season than in winter season. This is considered due to that the river flow rate and self-purification effects are larger in summer season than in winter season.
- (2) However, no regular seasonal variation of BOD is recognized in the Teleajen and Dimbu rivers. This is considered due to that:
 - (a) The river flow rate of both rivers is almost constant through the year.
 - (b) The self-purification capacity of both rivers between the pollution sources and the monitoring stations is small.
- (3) No regular seasonal variation of BOD is also recognized in the Cricovul Sarat River. This is considered due to that the river flow rate is small and almost constant through the year, and as a result, BOD concentration in the river water widely changes by a slight increase or decrease of the wastewater effluents.

1.5 Pollution Load Balance in River

The average daily organic pollution load (BOD) at each monitoring station of the Prahova River is calculated as shown below.

:

No.	River Name	Location Name	Ave. Discharge (m³/s)	Ave. BOD Content (mg/l)	Ave, BOD Load (ton/day)
180	Prahova Main	Predeal	1.61	3.8	0.53
195	Prahova Main	Amonte Sinaia	2.16	4.3	0.81
200	Prahova Main	Cornu	8.96	6.2	4.81
217	Prahova Main	Nedelea	8.33	6.2	4.48
220	Prahova Main	Tinosu	10.98	18.0	17.10
190	Azuga	Azuga	1.21	3.3	0.35
205	Doftana	Amonte Traisteni	.4.16	3.4	1.21
230	Teleajen	Cheia	0.80	3.7	0.26
240	Teleajen	Gura Vitioarei	3.80	6.1	2.00
260	Teleajen	Moara Domneasca	8.68	22.2	16.66
250	Dimbu	Goga	2.58	34.7	7.74
275	Cricovul Sarat	Sangeru	0.25	15.6	0.34
280	Cricovul Sarat	Ciorani	0.99	17.6	1.51

As shown in the above table, the BOD load in the Prahova Main River much increases between Nedelea and Tinosu from 4.48 ton/day to 17.1 ton/day. This BOD increase is attributable to the wastewater effluents of the factories located between both monitoring stations.

The Dimbu River receives a large quantity of BOD load (7.74 ton/day) from the sewerage and factories in Ploiesti City. It shares approximately 46 % of the total BOD load (16.66 to/day) of the Teleajen River.

On the other hand, the BOD load in the Cricovul Sarat River is as small as 1.51 ton/day even in the downstream reaches although the river water quality shows a high BOD concentration. This high concentration is due to the small flow rate of the river.

BOD load balance in the Prahova River is also shown in Fig. C.1.4.

1.6 Comparison of Existing River Water Quality with National Standards

The national standards classify river water quality into three (3) categories by water use as shown in Table C.1.3. Applicable water uses by category in the standards are summarized below.

Category	Scope of Water Use
I	Centralized potable water supply
	 Central water supply to livestock farm
	 Central water supply for food industry requiring potable water quality
	 Water supply for vegetable cultivation requiring water of Category I quality
	 Hatching and rearing of salmonoids/salmonid fisheries
	 Natural bathing waters (pools)
	 Basins of water contact sports
11	 Water supply for maintenance of natural fish stocks/water supply for fishery purposes, with the exception of salmonoids
	 Water supply for industrial technological processes/other activities requiring water of Category II quality
	 For urban and recreational use
111	Water supply for irrigation
	• Water for hydro-electric power generation
	Water supply for cooling system
	• Water supply to washing stations/other activities requiring water of Category III qualit

The water quality (BOD, Oil and CN) of the Prahova River at each monitoring is classified by

No.	River Name	Location Name	BOD	Oil	CN
180	Prahova Main	Predeal	I	I	1
195	Prahova Main	Amonte Sinaia	I	I	1
200	Prahova Main	Corna	Ц	D	1
217	Prahova Main	Nedelea	I	D	1
220	Prahova Main	Tinosu	D	D	D
190	Azuga	Azuga	1	I	1
205	Doftana	Amonte Traisteni	I	Ι	I
230	Teleajen	Cheia	I	I	}
240	Teleajen	Gura Vitioarei	н	T	D
260	Teleajen	Moara Domneasca	D	D	D
250	Dimbu	Goga	D	D	Ð
275	Cricovul Sarat	Sangeru	Ð	D	I
280	Cricovul Sarat	Ciorani	D	D	Ð

the standard water quality category as follows.

Note: D means out of standard category.

The water quality parameters (BOD, Oil and CN) of the Prahova River exceeds the category III in the entire downstream reaches due to the domestic and industrial wastewater effluents from the Ploiesti City and Valea Calugareasca area.

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CHAPTER II SUPPLEMENTARY WATER QUALITY OBSERVATION

2.1 General

Simultaneous water quality observation of river water, sewerage, factory and livestock farm wastewater effluents is necessary to analyze the existing water pollution mechanism of the Prahova River and to construct the water quality simulation model of the River.

The JICA Study Team conducted simultaneous water quality observations with cooperation of Romanian Waters during the period of middle February to early March. Sampling and laboratory analysis were carried out for the following 64 locations two (2) times. The first time was during February 9 to February 13 in 1998 and second time was during March 2 to March 6 in 1998.

River	River	Sewerage	Factory	Livestock	Total
Prahova Main	13	7	10	2	32
Teleajen	8	7	12	1	28
Cricovul Sarat	3	1	0	0	4
Total	24	15	22	3	64

Note: Teleajen River includes Dimbu River.

For details of the sampling locations, see Table C.2.1 and Fig. C.2.1.

In addition to the above, simultaneous summer season water quality observation (third time observation) was conducted during July 20 to August 3 in 1998 with cooperation of Romanian Waters Authority. Sampling and laboratory analysis were carried out for the 105 points as tabulated below. In the summer season observation, water quality of influents to wastewater treatment plants of sewerage and factories was added so as to analyze treatment efficiency of treatment plants. Sampling locations are shown in Table C.2.2 and Fig. C.2.1.

River	River	Sewerage Influent-Effluent	Factory Influent-Effluent	Livestock Influent-Effluent	Total
Prahova Main	13	11 4-7	23 8-15	4 2-2	51
Teleajen	8	16 8-8	23 7-16	2	49
Cricovul Sarat	3	2	0	0	5
Total	24	29 13-16	46 15-31	6 3-3	105

Note: Teleajen River includes Dimbu River

2.2 Observation Results

(1) First Time Observation

The first time observation included the following water quality parameters.

Discharge, Water temperature, Color, Odor ,pH, Electric Conductivity, Turbidity, NH₄^{*}. NO₃^{*}, NO₂^{*}, Phenol, PO₄^{*}, Dissolved O₂. BOD, COD(Mn) ,SS

The results are shown in Table C.2.3.

(2) Second Time Observation

The second time observation included the following water quality parameters.

Discharge, Water temperature, Color, Odor ,pH, Electric Conductivity, Turbidity, NH_4^+ , NO_3^- , NO_2^- , Phenol, PO_4^{-3} , Dissolved O_2 . Petroleum ,BOD, COD(Mn), SS ,Cadmium , Cyanide , Cr^{6+} , Cr^{3+} , Copper, Anionic Detergents, Hg, Ni^{2+} , Lead, Zinc,

The results are shown in Table C.2.4.

(3) Third Time Observation

The third time observation included the following water quality parameters.

Discharge, Water temperature, Color, Odor ,pH, Electric Conductivity, Turbidity, NH_4^+ , NO_3^+ , NO_3^+ , NO_3^+ , $PO_4^{-3^+}$, Dissolved O_2 . Petroleum ,BOD, COD(Mn), SS ,Cadmium , Cyanide , Cr^{6^+} , Cr^{3^+} , Copper, Anionic Detergents, Hg, Ni^{2^+} , Lead, Zinc, Organic Chloride (aldrin, alpha-BHC (alpha-HCH), beta-BHC (beta-HCH), delta-BHC (delta-HCH), gamma-BHC (lindana), 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, dieldrin, endosulfan I, endosulfan II, endosulfan sulfate, endrin, endrin aldehyde, heptachlor, heptachlor epoxide-isomer B)

The results are shown in Table C.2.5.

2.3 Characteristics of Water Pollution

2.3.1 Characteristics of Pollutants in Effluents

Pollutant concentration in effluents of factories and sewers is tabulated in Table C.2.6 (Second Time Observation) and Table C.2.7 (Third Time Observation), in which the effluent concentration is compared with the national water quality standard.

Figs. C.2.10 and C.2.11 indicate average concentration of the toxic substances (phenol, Cd and CN), BOD and oil included in effluents of factories and sewers, respectively, based on the tree time-observation.

Table C.2.8 and Fig. C.2.12 shows water treatment efficiency for factories and sewers, which are ratio of effluent concentration to influent concentration.

2.3.2 Distribution of Water Pollution in River

(1) BOD

BOD concentration balance in winter is shown in Figs. C.2.2 and C.2.3, while that in summer season is indicated in Fig.C.2.4

(2) Toxic Substances

Toxic substance concentration in winter is shown in Fig. C.2.5, while that in summer season is indicated in Fig.C.2.6

(3) Oil

Oil concentration in winter is shown in Fig. C.2.7, and that in summer season is indicated in Fig.C.2.8.

(4) Pesticides

Pesticides were analyzed in third time observation. The parameters observed are: Organic Chloride (aldrin, alpha-BHC (alpha-HCH), beta-BHC (beta-HCH), delta-BHC (delta-HCH), gamma-BHC (lindana), 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, dieldrin, endosulfan I, endosulfan II, endosulfan sulfate, endrin, endrin aldehyde, heptachlor, heptachlor epoxide-isomer B).

Pesticedes concentration in summer season is indicated in Fig.C.2.9.