

TABLE 15. FARMS WITH DIMINISHED CROP YIELDS BY TYPE OF INTERRUPTION OF IRRIGATION DURING 1979

PART 1 OF 4	TOTAL		SHORTAGE OF SURFACE WATER		SHORTAGE OF GROUND WATER		IRRIGATION EQUIPMENT FAILURE	
	FARMS	ACRES IRRIGATED	FARMS	ACRES IRRIGATED	FARMS	ACRES IRRIGATED	FARMS	ACRES IRRIGATED
CONTERMINOUS UNITED STATES . . . . .	34 541	7 898 286	14 471	3 394 749	5 973	1 494 066	11 405	3 169 987
17 WESTERN STATES, ARKANSAS, FLORIDA, AND LOUISIANA. . . . .	31 684	7 541 487	13 474	3 304 788	5 646	1 480 796	10 243	2 931 323
ARIZONA . . . . .	423	147 023	103	37 515	48	19 139	181	86 325
ARKANSAS . . . . .	578	164 050	88	42 894	76	26 435	341	66 596
CALIFORNIA . . . . .	3 700	629 053	888	229 402	808	115 417	1 619	285 675
COLORADO . . . . .	2 187	616 945	1 376	387 145	430	143 863	403	184 100
FLORIDA . . . . .	684	160 771	96	44 581	32	23 261	347	70 403
IDAHO . . . . .	2 506	622 516	1 257	307 486	324	116 261	476	186 754
KANSAS . . . . .	1 001	489 646	96	80 916	95	63 928	353	230 437
LOUISIANA . . . . .	377	65 711	8	3 212	81	13 705	193	23 392
MONTANA . . . . .	2 287	617 858	1 621	486 573	201	41 713	590	153 649
NEBRASKA . . . . .	2 601	618 739	527	152 974	322	63 037	1 205	360 528
NEVADA . . . . .	306	127 380	144	73 256	27	9 620	106	46 052
NEW MEXICO . . . . .	1 441	205 517	780	67 378	251	38 768	409	105 764
NORTH DAKOTA . . . . .	201	30 403	35	8 331	-	-	47	9 058
OKLAHOMA . . . . .	832	122 915	217	41 130	37	7 547	467	65 046
OREGON . . . . .	2 477	457 909	1 166	265 396	588	76 851	1 038	209 701
SOUTH DAKOTA . . . . .	298	71 845	132	26 470	40	8 250	106	33 900
TEXAS . . . . .	3 810	1 412 141	1 626	322 355	1 334	556 783	1 422	619 767
UTAH . . . . .	1 945	297 331	1 344	196 654	370	61 533	185	61 295
WASHINGTON . . . . .	2 953	326 801	2 129	238 257	440	56 755	550	67 871
WYOMING . . . . .	1 077	356 933	841	292 863	142	37 930	205	65 010
ALL OTHER STATES . . . . .	2 857	356 799	997	89 961	327	13 270	1 162	238 664
WATER RESOURCES AREAS AND SELECTED AGGREGATED SUBAREAS								
WRA 01 NEW ENGLAND . . . . .	138	1 880	68	1 198	40	668	28	604
WRA 02 MID-ATLANTIC . . . . .	275	14 318	97	5 064	68	68	64	7 849
WRA 03 SOUTH ATLANTIC-GULF . . . . .	2 079	308 615	692	98 252	183	29 874	828	162 497
ASA 0301 ROANOKE-CAPE FEAR . . . . .	635	17 592	323	11 102	42	420	136	2 434
ASA 0302 PEE DEE-EDISTO. . . . .	103	8 840	39	7 540	-	-	19	2 690
ASA 0303 SAVANNAH-ST. MARYS. . . . .	224	24 146	108	12 166	74	3 046	65	14 580
ASA 0304 ST. JOHNS-SUNANNEE. . . . .	434	30 801	33	462	4	2 000	264	24 767
ASA 0305 SOUTHERN FLORIDA. . . . .	299	128 183	42	40 519	24	20 861	153	47 521
ASA'S 0306 APALACHICOLA, 0307 ALABAMA-CHOCTAWHATCHEE, 0308 MOBILE-TOMBIGBEE, AND 0309 PASCAGOULA-PEARL . . . . .	384	99 053	147	26 463	39	3 547	191	72 505
WRA 04 GREAT LAKES . . . . .	379	54 058	101	12 134	49	2 043	182	34 481
WRA 05 OHIO . . . . .	76	1 242	36	216	9	18	22	819
WRA 06 TENNESSEE . . . . .	18	54	-	-	-	-	9	36
WRA 07 UPPER MISSISSIPPI . . . . .	261	49 116	62	6 469	-	-	160	35 667
WRA 08 LOWER MISSISSIPPI . . . . .	1 038	286 228	109	52 486	138	40 121	597	135 519
ASA 0801 HATCHIE-MISSISSIPPI-ST. FRANCIS . . . . .	414	145 215	82	44 879	57	26 416	205	57 630
ASA 0802 YAZOO-MISSISSIPPI-QUACHITA. . . . .	280	87 383	19	4 395	-	-	224	62 547
ASA 0803 MISSISSIPPI DELTA . . . . .	344	53 630	8	3 212	81	13 705	168	15 342
WRA 09 SOURIS-RED-RAINY. . . . .	36	2 605	-	-	-	-	31	2 405
WRA 10 MISSOURI . . . . .	6 882	1 820 060	2 817	902 901	779	156 086	2 357	746 174
ASA'S 1001 MISSOURI-MILK-SASKATCHEWAN, AND 1003 MISSOURI-MUSSELSHELL. . . . .	375	68 551	230	53 480	21	5 640	72	10 655
ASA 1002-MISSOURI-MARIAS . . . . .	628	275 489	427	221 445	34	6 610	147	54 677
ASA 1004 YELLOWSTONE . . . . .	914	219 465	663	174 505	40	1 140	361	80 375
ASA'S 1005 WESTERN DAKOTAS, AND 1006 EASTERN DAKOTAS . . . . .	651	147 057	218	63 401	40	8 250	152	52 717
ASA 1007 NORTH AND SOUTH PLATTE. . . . .	1 661	393 376	910	260 313	343	66 066	289	96 685
ASA 1008 NIobrARA-PLATTE-LOUP. . . . .	1 259	289 630	81	30 246	124	15 440	670	204 679
ASA'S 1009 MIDDLE MISSOURI, AND 1011 LOWER MISSOURI . . . . .	130	20 984	16	3 079	17	2 488	80	12 823
ASA 1010 KANSAS. . . . .	1 264	405 508	272	96 432	160	50 452	586	233 563
WRA 11 ARKANSAS-WHITE-RED. . . . .	3 725	1 285 835	1 364	469 981	837	347 382	1 534	618 955
ASA'S 1101 UPPER WHITE, AND 1104 LOWER ARKANSAS. . . . .	127	16 070	17	1 930	20	1 799	76	11 706
ASA 1102 UPPER ARKANSAS. . . . .	872	193 276	746	171 247	135	41 747	92	19 865
ASA 1103 ARKANSAS-CIMARRON . . . . .	1 075	432 951	96	80 916	91	63 596	648	228 717
ASA 1105 CANADIAN. . . . .	871	413 399	319	150 576	287	117 304	432	259 364
ASA 1106 RED-WASHITA . . . . .	732	223 990	149	61 583	304	122 936	276	97 933
ASA 1107 RED-SULPHUR . . . . .	46	6 149	37	3 729	-	-	10	1 370
WRA 12 TEXAS-GULF. . . . .	2 644	867 008	381	144 285	831	349 886	828	305 013
ASA'S 1201 SABINE-NECHES, AND 1202 TRINITY-GALVESTON BAY. . . . .	108	53 348	38	34 947	5	4 680	9	21 113
ASA 1203 BRAZOS. . . . .	1 443	521 998	175	70 011	585	295 857	486	202 007
ASA 1204 COLORADO (TEXAS). . . . .	786	218 903	142	27 245	224	43 021	203	54 167
ASA 1205 NUECES-TEXAS COASTAL. . . . .	307	72 759	26	12 082	17	6 328	130	27 726
WRA 13 RIO GRANDE. . . . .	1 325	301 159	654	116 498	215	60 886	403	126 355
ASA 1301 RIO GRANDE HEADWATERS . . . . .	103	99 099	61	50 859	42	48 285	21	19 920
ASA 1302 MIDDLE RIO GRANDE . . . . .	774	67 477	474	23 862	114	3 253	202	36 337
ASA'S 1303 RIO GRANDE-PECOS, AND 1304 UPPER PECOS. . . . .	216	73 268	75	21 161	39	7 128	86	51 578
ASA 1305 LOWER RIO GRANDE. . . . .	232	61 315	44	20 616	20	2 220	94	18 520
WRA 14 UPPER COLORADO. . . . .	1 218	261 031	1 004	230 162	173	35 204	91	22 824
ASA 1401 GREEN-WHITE-YAMPA . . . . .	922	217 494	776	197 635	132	34 153	34	9 274
ASA 1402 COLORADO-GUNNISON . . . . .	49	20 051	35	18 376	10	200	17	2 206
ASA 1403 COLORADO-SAN JUAN . . . . .	247	23 486	193	14 151	31	851	40	11 344

TABLE 15. FARMS WITH DIMINISHED CROP YIELDS BY TYPE OF INTERRUPTION OF IRRIGATION DURING 1979--CON.

PART 1 OF 4--CON.	TOTAL		SHORTAGE OF SURFACE WATER		SHORTAGE OF GROUND WATER		IRRIGATION EQUIPMENT FAILURE	
	FARMS	ACRES IRRIGATED	FARMS	ACRES IRRIGATED	FARMS	ACRES IRRIGATED	FARMS	ACRES IRRIGATED
WATER RESOURCES AREAS AND SELECTED AGGREGATED SUBAREAS--CON.								
WRA 15 LOWER COLORADO . . . . .	586	159 163	166	40 134	48	19 139	233	94 635
ASA'S 1501 LITTLE COLORADO, AND 1502 LOWER COLORADO MAIN STEM . . . . .	165	21 254	65	5 575	3	60	69	8 217
ASA 1503 GILA . . . . .	421	137 909	101	34 559	45	19 079	164	86 418
WRA 16 GREAT BASIN . . . . .	1 817	388 032	1 128	219 405	403	83 234	293	127 671
ASA 1601 BEAR-GREAT SALT LAKE . . . . .	975	180 834	666	115 442	235	58 102	95	40 280
ASA 1602 SEVIER LAKE . . . . .	549	81 598	327	32 183	141	15 512	96	41 643
ASA'S 1603 HUMBOLDT-TONOPAH DESERT AND 1604 CENTRAL LAHONTAN . . . . .	293	125 600	135	71 780	27	9 620	102	45 748
WRA 17 PACIFIC NORTHWEST . . . . .	8 237	1 426 466	4 889	858 995	1 388	247 557	2 041	430 562
ASA 1701 CLARK FORK-KOOTENAI . . . . .	925	152 421	644	103 934	133	29 773	227	40 391
ASA 1702 UPPER MIDDLE COLUMBIA . . . . .	3 219	404 422	2 314	290 745	475	60 423	706	119 491
ASA 1703 UPPER CENTRAL SNAKE . . . . .	2 525	609 199	1 113	278 456	550	133 981	709	203 983
ASA 1704 LOWER SNAKE . . . . .	322	78 258	263	69 843	14	4 530	43	8 180
ASA 1705 COAST-LOWER COLUMBIA . . . . .	998	56 584	424	28 092	162	6 998	290	20 112
ASA 1706 PUGET SOUND . . . . .	128	7 212	55	2 220	44	3 272	24	2 030
ASA 1707 OREGON CLOSED BASIN . . . . .	120	118 370	76	85 705	10	8 580	42	36 375
WRA 18 CALIFORNIA . . . . .	3 807	671 416	903	236 569	812	121 900	1 704	317 921
ASA 1801 KLAMATH-NORTH COASTAL . . . . .	352	88 833	111	29 831	89	20 113	140	42 499
ASA 1802 SACRAMENTO-LAHONTAN . . . . .	1 121	193 951	492	91 742	224	57 207	301	38 479
ASA 1803 SAN JOAQUIN-TULARE . . . . .	1 228	268 965	155	93 387	333	30 377	738	158 566
ASA 1804 SAN FRANCISCO BAY . . . . .	361	32 618	24	4 175	76	3 835	124	18 116
ASA 1805 CENTRAL CALIFORNIA COAST . . . . .	364	35 937	21	1 866	63	6 750	199	30 123
ASA 1806 SOUTHERN CALIFORNIA . . . . .	364	46 196	90	15 942	27	3 618	195	26 528
ASA 1807 LAHONTAN-SOUTH . . . . .	17	4 916	10	1 306	-	-	7	3 610
SHORTAGE OF--								
PART 2 OF 4	ANY ENERGY		DIESEL		GASOLINE			
	FARMS	ACRES IRRIGATED	FARMS	ACRES IRRIGATED	FARMS	ACRES IRRIGATED		
CONTERMINOUS UNITED STATES . . . . .								
	8 021	1 569 626	2 633	702 607	1 982	245 829		
17 WESTERN STATES, ARKANSAS, FLORIDA, AND LOUISIANA . . . . .								
	7 290	1 506 835	2 308	662 408	1 602	233 366		
ARIZONA . . . . .	91	24 901	22	7 475	45	5 349		
ARKANSAS . . . . .	179	44 261	89	32 755	35	9 141		
CALIFORNIA . . . . .	1 322	224 225	204	79 461	340	38 075		
COLORADO . . . . .	280	88 854	39	14 080	46	12 915		
FLORIDA . . . . .	371	58 430	188	54 482	59	15 471		
IDAHO . . . . .	589	145 465	290	83 564	189	29 302		
KANSAS . . . . .	623	205 049	230	72 615	4	2 200		
LOUISIANA . . . . .	241	32 299	98	27 480	62	9 662		
MONTANA . . . . .	346	68 977	141	36 370	68	10 926		
NEBRASKA . . . . .	901	156 740	470	93 879	208	26 575		
NEVADA . . . . .	105	20 200	27	4 120	16	2 240		
NEW MEXICO . . . . .	218	30 866	44	15 854	35	1 255		
NORTH DAKOTA . . . . .	125	14 261	-	-	35	761		
OKLAHOMA . . . . .	139	31 799	4	1 680	-	-		
OREGON . . . . .	415	25 058	88	12 076	162	8 207		
SOUTH DAKOTA . . . . .	56	11 925	10	4 800	-	-		
TEXAS . . . . .	812	278 954	251	103 280	88	42 482		
UTAH . . . . .	140	15 439	46	8 935	78	10 835		
WASHINGTON . . . . .	238	17 070	44	5 240	89	3 570		
WYOMING . . . . .	99	12 062	23	4 262	43	4 400		
ALL OTHER STATES . . . . .	731	62 791	325	40 199	380	12 463		
WATER RESOURCES AREAS AND SELECTED AGGREGATED SUBAREAS								
WRA 01 NEW ENGLAND . . . . .	34	404	-	-	18	84		
WRA 02 MID-ATLANTIC . . . . .	55	3 217	12	530	23	1 304		
WRA 03 SOUTH ATLANTIC-GULF . . . . .	761	75 602	373	67 521	330	20 521		
ASA 0301 ROANOKE-CAPE FEAR . . . . .	254	5 398	76	1 814	220	4 270		
ASA 0302 PEE DEE-EDISTO . . . . .	45	610	40	325	40	560		
ASA 0303 SAVANNAH-ST. MARYS . . . . .	28	2 332	28	2 332	-	-		
ASA 0304 ST. JOHNS-SUWANNEE . . . . .	173	7 361	96	5 867	33	746		
ASA 0305 SOUTHERN FLORIDA . . . . .	201	49 994	95	47 540	26	14 725		
ASA'S 0306 APALACHICOLA, 0307 ALABAMA-CHOCTAWHATCHEE, 0308 MOBILE-TOMBIGBEE, AND 0309 PASCAGOULA-PEARL . . . . .	60	9 907	38	9 643	11	220		
WRA 04 GREAT LAKES . . . . .	89	6 034	20	3 373	19	1 574		
WRA 05 OHIO . . . . .	18	261	18	261	18	261		
WRA 06 TENNESSEE . . . . .	9	18	9	18	-	-		
WRA 07 UPPER MISSISSIPPI . . . . .	58	12 071	36	6 814	1	520		

TABLE 15. FARMS WITH DIMINISHED CROP YIELDS BY TYPE OF INTERRUPTION OF IRRIGATION DURING 1979--CON.

PART 2 OF 4--CON.	SHORTAGE OF--					
	ANY ENERGY		DIESEL		GASOLINE	
	FARMS	ACRES IRRIGATED	FARMS	ACRES IRRIGATED	FARMS	ACRES IRRIGATED
WATER RESOURCES AREAS AND SELECTED AGGREGATED SUBAREAS-CON.						
WRA 08 LOWER MISSISSIPPI . . . . .	444	87 674	198	64 810	112	22 332
ASA 0801 HATCHIE-MISSISSIPPI-ST. FRANCIS . . . . .	163	41 225	64	26 220	40	12 000
ASA 0802 YAZOO-MISSISSIPPI-QUACHITA . . . . .	47	16 181	40	12 310	10	670
ASA 0803 MISSISSIPPI DELTA . . . . .	234	30 268	94	26 280	62	9 662
WRA 09 SOURIS-RED-RAINY . . . . .	17	221	-	-	17	221
WRA 10 MISSOURI . . . . .	1 898	387 384	839	195 228	315	42 626
ASA'S 1001 MISSOURI-MILK-SASKATCHEWAN, AND 1003 MISSOURI-MUSSELSHELL . . . . .	45	6 240	32	4 640	37	4 242
ASA 1002-MISSOURI-MARIAS . . . . .	98	36 231	77	23 430	9	6 409
ASA 1004 YELLOWSTONE . . . . .	215	28 000	35	9 100	40	3 800
ASA'S 1005 WESTERN DAKOTAS, AND 1006 EASTERN DAKOTAS . . . . .	284	42 915	130	21 750	18	540
ASA 1007 NORTH AND SOUTH PLATTE . . . . .	221	40 778	14	5 290	3	1 060
ASA 1008 NIOBRARA-PLATTE-LOUP . . . . .	534	75 141	331	59 169	204	23 775
ASA'S 1009 MIDDLE MISSOURI, AND 1011 LOWER MISSOURI . . . . .	25	9 024	20	8 254	-	-
ASA 1010 KANSAS . . . . .	476	149 055	200	63 595	4	2 800
WRA 11 ARKANSAS-WHITE-RED . . . . .	804	297 194	136	78 789	71	31 087
ASA'S 1101 UPPER WHITE, AND 1104 LOWER ARKANSAS . . . . .	39	(D)	19	(D)	15	141
ASA 1102 UPPER ARKANSAS . . . . .	49	12 195	22	7 650	31	7 115
ASA 1103 ARKANSAS-CIMARRON . . . . .	399	148 094	46	26 680	4	2 200
ASA 1105 CANADIAN . . . . .	159	90 403	35	33 406	14	16 441
ASA 1106 RED-WASHITA . . . . .	157	42 776	13	7 968	7	5 190
ASA 1107 RED-SULPHUR . . . . .	1	(D)	1	(D)	-	-
WRA 12 TEXAS-GULF . . . . .	619	173 822	165	61 809	50	11 908
ASA'S 1201 SABINE-NECHES, AND 1202 TRINITY-GALVESTON BAY . . . . .	44	16 030	39	15 585	19	5 857
ASA 1203 BRAZOS . . . . .	306	117 073	46	27 887	5	4 287
ASA 1204 COLORADO (TEXAS) . . . . .	149	18 895	-	-	15	75
ASA 1205 NUECES-TEXAS COASTAL . . . . .	120	21 824	80	18 337	11	1 689
WRA 13 RIO GRANDE . . . . .	194	36 708	88	17 721	48	11 268
ASA 1301 RIO GRANDE HEADWATERS . . . . .	9	7 470	3	1 140	3	1 140
ASA 1302 MIDDLE RIO GRANDE . . . . .	84	8 273	27	3 161	21	448
ASA'S 1303 RIO GRANDE-PECOS, AND 1304 UPPER PECOS . . . . .	28	9 780	10	5 160	8	3 200
ASA 1305 LOWER RIO GRANDE . . . . .	73	11 185	48	8 260	16	6 480
WRA 14 UPPER COLORADO . . . . .	73	12 367	34	4 667	35	5 400
ASA 1401 GREEN-WHITE-YAMPA . . . . .	49	7 929	30	4 059	18	2 472
ASA 1402 COLORADO-GUNNISON . . . . .	3	1 050	-	-	3	1 050
ASA 1403 COLORADO-SAN JUAN . . . . .	21	3 388	4	608	14	1 878
WRA 15 LOWER COLORADO . . . . .	134	26 144	22	7 475	45	5 349
ASA'S 1501 LITTLE COLORADO, AND 1502 LOWER COLORADO MAIN STEM . . . . .	25	2 013	6	1 410	3	975
ASA 1503 GILA . . . . .	109	24 131	16	6 065	42	4 374
WRA 16 GREAT BASIN . . . . .	271	63 081	95	31 330	98	17 625
ASA 1601 BEAR-GREAT SALT LAKE . . . . .	134	37 890	64	25 610	62	12 650
ASA 1602 SEVIER LAKE . . . . .	32	4 991	4	1 600	20	2 735
ASA'S 1603 HUMBOLDT-TONOPAH DESERT AND 1604 CENTRAL LAHONTAN . . . . .	105	20 200	27	4 120	16	2 240
WRA 17 PACIFIC NORTHWEST . . . . .	1 190	152 376	366	74 500	436	34 369
ASA 1701 CLARK FORK-KOOTENAI . . . . .	79	4 376	-	-	22	275
ASA 1702 UPPER MIDDLE COLUMBIA . . . . .	291	21 953	78	8 490	110	6 560
ASA 1703 UPPER CENTRAL SNAKE . . . . .	493	117 067	252	63 484	169	23 622
ASA 1704 LOWER SNAKE . . . . .	20	1 555	5	470	5	470
ASA 1705 COAST-LOWER COLUMBIA . . . . .	268	5 450	28	1 096	114	2 222
ASA 1706 PUGET SOUND . . . . .	33	745	-	-	13	260
ASA 1707 OREGON CLOSED BASIN . . . . .	6	1 230	3	960	3	960
WRA 18 CALIFORNIA . . . . .	1 353	233 048	222	85 761	346	39 380
ASA 1801 KLAMATH-NORTH COASTAL . . . . .	68	16 789	30	9 236	14	1 985
ASA 1802 SACRAMENTO-LAHONTAN . . . . .	326	60 176	19	13 030	19	8 861
ASA 1803 SAN JOAQUIN-TULARE . . . . .	651	123 527	128	57 514	257	24 086
ASA 1804 SAN FRANCISCO BAY . . . . .	150	8 393	16	950	13	650
ASA 1805 CENTRAL CALIFORNIA COAST . . . . .	97	5 745	10	2 487	-	-
ASA 1806 SOUTHERN CALIFORNIA . . . . .	61	18 418	19	2 544	43	3 798
ASA 1807 LAHONTAN-SOUTH . . . . .	-	-	-	-	-	-

TABLE 15. FARMS WITH DIMINISHED CROP YIELDS BY TYPE OF INTERRUPTION OF IRRIGATION DURING 1979--CON.

PART 3 OF 4	SHORTAGE OF--CON.					
	ELECTRICITY		LP GAS, PROPANE, AND BUTANE		NATURAL GAS	
	FARMS	ACRES IRRIGATED	FARMS	ACRES IRRIGATED	FARMS	ACRES IRRIGATED
CONTIGUOUS UNITED STATES . . . . .	3 953	723 317	871	124 136	741	328 361
17 WESTERN STATES, ARKANSAS, FLORIDA, AND LOUISIANA. . . . .	3 779	702 421	739	116 698	717	327 494
ARIZONA . . . . .	49	20 797	18	3 735	21	4 935
ARKANSAS . . . . .	59	17 105	36	4 160	4	3 820
CALIFORNIA . . . . .	1 010	174 695	21	9 560	3	3 000
COLORADO . . . . .	228	75 979	15	1 470	11	6 210
FLORIDA . . . . .	150	13 844	53	839	-	-
IDAHO . . . . .	347	85 771	42	8 610	42	8 610
KANSAS . . . . .	261	69 276	12	6 980	136	71 758
LOUISIANA . . . . .	123	2 219	24	4 812	12	6 560
MONTANA . . . . .	174	27 651	4	2 200	4	2 200
NEBRASKA . . . . .	213	57 946	243	33 130	54	10 550
NEVADA . . . . .	81	17 580	-	-	-	-
NEW MEXICO . . . . .	135	10 422	29	1 515	40	7 324
NORTH DAKOTA . . . . .	90	13 500	-	-	-	-
OKLAHOMA . . . . .	16	980	36	2 100	88	27 439
OREGON . . . . .	262	14 923	42	1 162	30	1 110
SOUTH DAKOTA . . . . .	46	7 125	-	-	-	-
TEXAS . . . . .	296	74 482	139	35 525	265	173 705
UTAH . . . . .	53	5 016	-	-	7	273
WASHINGTON . . . . .	170	9 810	5	180	-	-
WYOMING . . . . .	16	3 300	20	700	-	-
ALL OTHER STATES . . . . .	174	20 896	132	7 438	24	867
WATER RESOURCES AREAS AND SELECTED AGGREGATED SUBAREAS						
WRA 01 NEW ENGLAND . . . . .	6	42	10	278	-	-
WRA 02 MID-ATLANTIC . . . . .	25	1 068	1	700	1	700
WRA 03 SOUTH ATLANTIC-GULF . . . . .	205	14 779	126	2 417	14	140
ASA 0301 ROANOKE-CAPE FEAR . . . . .	28	546	28	196	14	140
ASA 0302 PEE DEE-EDISTO . . . . .	5	125	30	150	-	-
ASA 0303 SAVANNAH-ST. MARYS . . . . .	-	-	4	1 012	-	-
ASA 0304 ST. JOHNS-SUWANNEE . . . . .	74	1 217	14	605	-	-
ASA 0305 SOUTHERN FLORIDA . . . . .	76	12 631	39	234	-	-
ASA'S 0306 APALACHICOLA, 0307 ALABAMA-CHOCTAWHATCHEE, 0308 MOBILE-TOMBIGBEE, AND 0309 PASCAGOULA-PEARL . . . . .	22	264	11	220	-	-
WRA 04 GREAT LAKES . . . . .	43	3 765	9	180	-	-
WRA 05 OHIO . . . . .	-	-	-	-	9	27
WRA 06 TENNESSEE . . . . .	-	-	-	-	-	-
WRA 07 UPPER MISSISSIPPI . . . . .	20	5 581	4	672	-	-
WRA 08 LOWER MISSISSIPPI . . . . .	201	26 274	95	13 002	16	10 380
ASA 0801 HATCHIE-MISSISSIPPI- ST. FRANCIS . . . . .	63	17 745	60	7 800	4	3 820
ASA 0802 YAZOO-MISSISSIPPI- QUACHITA . . . . .	15	6 310	14	1 221	-	-
ASA 0803 MISSISSIPPI DELTA . . . . .	123	2 219	21	3 981	12	6 560
WRA 09 SOURIS-RED-RAINY . . . . .	-	-	-	-	-	-
WRA 10 MISSOURI . . . . .	714	168 145	269	37 070	98	23 170
ASA'S 1001 MISSOURI-MILK- SASKATCHEWAN, AND 1003 MISSOURI-MUSSELSHELL . . . . .	11	2 278	-	-	-	-
ASA 1002-MISSOURI-MARIAS . . . . .	18	9 642	-	-	-	-
ASA 1004 YELLOWSTONE . . . . .	120	14 400	20	700	-	-
ASA'S 1005 WESTERN DAKOTAS, AND 1006 EASTERN DAKOTAS . . . . .	136	20 625	-	-	-	-
ASA 1007 NORTH AND SOUTH PLATTE . . . . .	206	34 748	2	1 020	-	-
ASA 1008 NIAGRARA-PLATTE-LOUP . . . . .	73	11 097	135	12 630	-	-
ASA'S 1009 MIDDLE MISSOURI, AND 1011 LOWER MISSOURI . . . . .	6	2 555	-	-	-	-
ASA 1010 KANSAS . . . . .	144	72 800	112	22 720	98	23 170
WRA 11 ARKANSAS-WHITE-RED . . . . .	342	93 785	74	22 163	319	174 748
ASA'S 1101 UPPER WHITE, AND 1104 LOWER ARKANSAS . . . . .	-	-	5	500	-	-
ASA 1102 UPPER ARKANSAS . . . . .	24	10 090	13	450	11	6 210
ASA 1103 ARKANSAS-CIMARRON . . . . .	261	69 276	8	4 760	96	60 738
ASA 1105 CANADIAN . . . . .	19	1 140	21	5 548	105	75 100
ASA 1106 RED-WASHITA . . . . .	38	13 279	27	10 905	107	32 700
ASA 1107 RED-SULPHUR . . . . .	-	-	-	-	-	-
WRA 12 TEXAS-GULF . . . . .	299	58 313	91	15 752	119	84 279
ASA'S 1201 SABINE-NECHES, AND 1202 TRINITY-GALVESTON BAY . . . . .	-	-	9	2 717	-	-
ASA 1203 BRAZOS . . . . .	211	45 913	25	8 415	84	71 444
ASA 1204 COLORADO (TEXAS) . . . . .	63	8 780	49	4 460	30	11 860
ASA 1205 NUECES-TEXAS COASTAL . . . . .	25	3 620	8	160	5	975
WRA 13 RIO GRANDE . . . . .	69	17 662	56	6 095	58	14 789
ASA 1301 RIO GRANDE HEADWATERS . . . . .	6	6 330	-	-	-	-
ASA 1302 MIDDLE RIO GRANDE . . . . .	44	3 072	24	1 115	27	3 344
ASA'S 1303 RIO GRANDE-PECOS, AND 1304 UPPER PECOS . . . . .	11	7 060	4	3 180	10	2 640
ASA 1305 LOWER RIO GRANDE . . . . .	8	1 200	28	1 800	21	8 805
WRA 14 UPPER COLORADO . . . . .	13	3 450	4	340	-	-
ASA 1401 GREEN-WHITE-YAMPA . . . . .	10	2 280	-	-	-	-
ASA 1402 COLORADO-GUNNISON . . . . .	-	-	-	-	-	-
ASA 1403 COLORADO-SAN JUAN . . . . .	3	1 170	4	340	-	-

TABLE 15. FARMS WITH DIMINISHED CROP YIELDS BY TYPE OF INTERRUPTION OF IRRIGATION DURING 1979--CON.

PART 3 OF 4--CON.	SHORTAGE OF--CON.					
	ELECTRICITY		LP GAS, PROPANE, AND BUTANE		NATURAL GAS	
	FARMS	ACRES IRRIGATED	FARMS	ACRES IRRIGATED	FARMS	ACRES IRRIGATED
WATER RESOURCES AREAS AND SELECTED AGGREGATED SUBAREAS--CON.						
WRA 15 LOWER COLORADO . . . . .	85	21 767	18	3 735	28	5 208
ASA 1501 LITTLE COLORADO, AND 1502 LOWER COLORADO MAIN STEM . . . . .	12	330	-	-	7	273
ASA 1503 GILA . . . . .	73	21 437	18	3 735	21	4 935
WRA 16 GREAT BASIN . . . . .	149	32 796	-	-	-	-
ASA 1601 BEAR-GREAT SALT LAKE . . . . .	52	11 360	-	-	-	-
ASA 1602 SEVIER LAKE . . . . .	16	3 856	-	-	-	-
ASA'S 1603 HUMBOLDT-TONOPAH DESERT AND 1604 CENTRAL LAHONTAN. . . . .	81	17 580	-	-	-	-
WRA 17 PACIFIC NORTHWEST . . . . .	765	99 977	93	12 172	76	11 920
ASA 1701 CLARK FORK-KOOTENAI . . . . .	53	1 901	4	2 200	4	2 200
ASA 1702 UPPER MIDDLE COLUMBIA . . . . .	241	15 423	30	1 110	30	1 110
ASA 1703 UPPER CENTRAL SNAKE . . . . .	291	76 933	42	8 510	42	8 610
ASA 1704 LOWER SNAKE . . . . .	15	1 085	-	-	-	-
ASA 1705 COAST-LOWER COLUMBIA. . . . .	142	3 880	12	72	-	-
ASA 1706 PUGET SOUND . . . . .	20	485	5	180	-	-
ASA 1707 OREGON CLOSED BASIN . . . . .	3	270	-	-	-	-
WRA 18 CALIFORNIA. . . . .	1 017	175 913	21	9 560	3	3 000
ASA 1801 KLAMATH-NORTH COASTAL . . . . .	32	6 248	3	216	-	-
ASA 1802 SACRAMENTO-LAHONTAN . . . . .	300	48 725	6	2 640	-	-
ASA 1803 SAN JOAQUIN-TULARE. . . . .	416	95 585	4	6 000	-	-
ASA 1804 SAN FRANCISCO BAY . . . . .	137	7 743	-	-	-	-
ASA 1805 CENTRAL CALIFORNIA COAST. . . . .	91	5 298	-	-	-	-
ASA 1806 SOUTHERN CALIFORNIA . . . . .	41	12 314	8	704	3	3 000
ASA 1807 LAHONTAN-SOUTH. . . . .	-	-	-	-	-	-
PART 4 OF 4						
	POOR WATER QUALITY		LOSS OF WATER RIGHTS		OTHER	
	FARMS	ACRES IRRIGATED	FARMS	ACRES IRRIGATED	FARMS	ACRES IRRIGATED
CONTERRINOUS UNITED STATES . . . . .	1 400	288 273	800	178 723	2 030	547 826
17 WESTERN STATES, ARKANSAS, FLORIDA, AND LOUISIANA. . . . .	1 337	282 988	778	178 035	2 024	546 906
ARIZONA. . . . .	32	1 734	9	7 065	97	25 825
ARKANSAS . . . . .	51	20 680	-	-	4	1 200
CALIFORNIA . . . . .	214	41 251	54	7 187	136	15 290
COLORADO . . . . .	170	27 519	127	33 170	10	1 170
FLORIDA. . . . .	16	865	-	-	-	-
IDAHO. . . . .	124	14 473	242	45 316	383	63 590
KANSAS . . . . .	12	17 840	-	-	21	19 124
LOUISIANA. . . . .	34	7 831	-	-	4	500
MONTANA. . . . .	124	12 026	51	16 472	62	16 027
NEBRASKA . . . . .	4	2 800	1	(0)	56	6 500
NEVADA . . . . .	12	6 788	-	-	-	-
NEW MEXICO . . . . .	64	10 372	50	4 200	22	2 181
NORTH DAKOTA . . . . .	15	1 350	-	-	-	-
OKLAHOMA . . . . .	20	2 681	5	(0)	21	3 822
OREGON . . . . .	32	3 482	40	9 816	112	12 023
SOUTH DAKOTA . . . . .	25	8 400	-	-	15	3 000
TEXAS. . . . .	258	72 900	96	48 319	927	349 529
UTAH . . . . .	50	15 382	23	2 524	69	8 190
WASHINGTON . . . . .	52	9 299	50	250	-	-
WYOMING. . . . .	28	5 315	30	1 806	85	18 935
ALL OTHER STATES . . . . .	63	5 285	22	688	6	920
WATER RESOURCES AREAS AND SELECTED AGGREGATED SUBAREAS						
WRA 01 NEW ENGLAND . . . . .	-	-	6	18	-	-
WRA 02 MID-ATLANTIC. . . . .	5	600	-	-	-	-
WRA 03 SOUTH ATLANTIC-GULF . . . . .	51	2 345	-	-	1	(0)
ASA 0301 ROANOKE-CAPE FEAR . . . . .	6	150	-	-	-	-
ASA 0302 PEE DEE-EDISTO. . . . .	-	-	-	-	-	-
ASA 0303 SAVANNAH-ST. MARYS. . . . .	-	-	-	-	1	(0)
ASA 0304 ST. JOHNS-SUWANNEE. . . . .	11	165	-	-	-	-
ASA 0305 SOUTHERN FLORIDA. . . . .	5	700	-	-	-	-
ASA'S 0306 APALACHICOLA, 0307 ALABAMA-CHOCTAWHATCHEE, 0308 MOBILE-TOMBIGBEE, AND 0309 PASCAGOULA-PEARL . . . . .	29	1 330	-	-	-	-
WRA 04 GREAT LAKES . . . . .	4	1 360	4	400	-	-
WRA 05 OHIO. . . . .	18	45	-	-	-	-
WRA 06 TENNESSEE . . . . .	-	-	-	-	-	-
WRA 07 UPPER MISSISSIPPI . . . . .	-	-	-	-	5	(0)

TABLE 15. FARMS WITH DIMINISHED CROP YIELDS BY TYPE OF INTERRUPTION OF IRRIGATION DURING 1979--CON.

	POOR WATER QUALITY		LOSS OF WATER RIGHTS		OTHER	
	FARMS	ACRES IRRIGATED	FARMS	ACRES IRRIGATED	FARMS	ACRES IRRIGATED
PART 4 OF 4--CON.						
WATER RESOURCES AREAS AND SELECTED AGGREGATED SUBAREAS--CON.						
WRA 08 LOWER MISSISSIPPI . . . . .	85	28 511	7	70	8	1 700
ASA 0801 HATCHIE-MISSISSIPPI- ST. FRANCIS . . . . .	47	15 280	-	-	-	-
ASA 0802 YAZOO-MISSISSIPPI- QUACHITA . . . . .	12	7 540	7	70	4	1 200
ASA 0803 MISSISSIPPI DELTA . . . . .	26	5 691	-	-	4	500
WRA 09 SOURIS-RED-RAINY . . . . .	-	-	5	200	-	-
WRA 10 MISSOURI . . . . .	299	43 587	108	22 313	188	37 544
ASA'S 1001 MISSOURI-MILK- SASKATCHEWAN, AND 1003 MISSOURI-MUSSELSHELL . . . . .	66	5 880	7	(D)	10	1 040
ASA 1002-MISSOURI-MARIAS . . . . .	15	1 900	10	8 845	27	11 064
ASA 1004 YELLOWSTONE . . . . .	31	5 755	1	(D)	20	5 640
ASA'S 1005 WESTERN DAKOTAS, AND 1006 EASTERN DAKOTAS . . . . .	55	10 770	-	-	15	3 000
ASA 1007 NORTH AND SOUTH PLATTE . . . . .	127	14 682	90	10 858	56	10 100
ASA 1008 NIOBRARA-PLATTE-LOUP . . . . .	-	-	-	-	55	5 500
ASA'S 1009 MIDDLE MISSOURI, AND 1011 LOWER MISSOURI . . . . .	1	(D)	-	-	5	1 200
ASA 1010 KANSAS . . . . .	4	(D)	-	-	-	-
WRA 11 ARKANSAS-WHITE-RED . . . . .	144	52 010	80	16 203	376	172 522
ASA'S 1101 UPPER WHITE, AND 1104 LOWER ARKANSAS . . . . .	-	-	-	-	-	-
ASA 1102 UPPER ARKANSAS . . . . .	43	12 837	41	4 697	10	1 170
ASA 1103 ARKANSAS-CIMARRON . . . . .	12	17 840	-	-	16	17 924
ASA 1105 CANADIAN . . . . .	22	11 024	13	3 879	265	131 099
ASA 1106 RED-WASHITA . . . . .	67	10 309	26	7 627	85	22 329
ASA 1107 RED-SULPHUR . . . . .	-	-	-	-	-	-
WRA 12 TEXAS-GULF . . . . .	84	34 930	44	36 363	519	179 067
ASA'S 1201 SABINE-NECHES, AND 1202 TRINITY-GALVESTON BAY . . . . .	4	3 716	-	-	33	5 807
ASA 1203 BRAZOS . . . . .	56	21 302	6	5 163	251	72 346
ASA 1204 COLORADO (TEXAS) . . . . .	24	9 912	38	31 200	158	82 560
ASA 1205 NUECES-TEXAS COASTAL . . . . .	-	-	-	-	77	18 354
WRA 13 RIO GRANDE . . . . .	148	29 382	60	22 722	101	23 037
ASA 1301 RIO GRANDE HEADWATERS . . . . .	-	-	12	17 790	-	-
ASA 1302 MIDDLE RIO GRANDE . . . . .	40	2 588	23	1 642	35	4 080
ASA'S 1303 RIO GRANDE-PECOS, AND 1304 UPPER PECOS . . . . .	6	3 600	-	-	21	9 251
ASA 1305 LOWER RIO GRANDE . . . . .	102	23 194	25	3 290	45	9 706
WRA 14 UPPER COLORADO . . . . .	46	2 005	37	5 215	24	6 475
ASA 1401 GREEN-WHITE-YAMPA . . . . .	18	1 557	33	4 875	24	6 475
ASA 1402 COLORADO-GUNNISON . . . . .	-	-	-	-	-	-
ASA 1403 COLORADO-SAN JUAN . . . . .	28	448	4	340	-	-
WRA 15 LOWER COLORADO . . . . .	32	1 734	25	7 353	97	25 825
ASA'S 1501 LITTLE COLORADO, AND 1502 LOWER COLORADO MAIN STEM . . . . .	7	784	6	5 610	7	350
ASA 1503 GILA . . . . .	25	950	19	1 743	90	25 475
WRA 16 GREAT BASIN . . . . .	60	26 918	25	3 080	107	18 670
ASA 1601 BEAR-GREAT SALT LAKE . . . . .	48	20 130	20	2 800	92	17 500
ASA 1602 SEVIER LAKE . . . . .	-	-	5	280	15	1 170
ASA'S 1603 HUMBOLDT-TONOPAH DESERT AND 1604 CENTRAL LAHONTAN . . . . .	12	6 788	-	-	-	-
WRA 17 PACIFIC NORTHWEST . . . . .	210	23 595	345	57 599	464	63 976
ASA 1701 CLARK FORK-KOOTENAI . . . . .	22	1 991	33	5 017	43	4 219
ASA 1702 UPPER MIDDLE COLUMBIA . . . . .	52	9 299	65	5 720	30	930
ASA 1703 UPPER CENTRAL SNAKE . . . . .	99	8 073	217	41 766	307	52 374
ASA 1704 LOWER SNAKE . . . . .	10	1 660	10	1 660	10	160
ASA 1705 COAST-LOWER COLUMBIA . . . . .	24	1 972	16	2 796	68	5 228
ASA 1706 PUGET SOUND . . . . .	-	-	-	-	-	-
ASA 1707 OREGON CLOSED BASIN . . . . .	3	600	4	640	6	1 065
WRA 18 CALIFORNIA . . . . .	214	41 251	54	7 187	140	18 090
ASA 1801 KLAHATH-NORTH COASTAL . . . . .	3	150	10	511	12	2 928
ASA 1802 SACRAMENTO-LAHONTAN . . . . .	13	4 940	-	-	30	1 500
ASA 1803 SAN JOAQUIN-TULARE . . . . .	97	25 395	4	6 000	-	-
ASA 1804 SAN FRANCISCO BAY . . . . .	26	1 544	20	1 300	13	975
ASA 1805 CENTRAL CALIFORNIA COAST . . . . .	27	5 619	12	282	12	177
ASA 1806 SOUTHERN CALIFORNIA . . . . .	48	3 603	8	264	70	12 396
ASA 1807 LAHONTAN-SOUTH . . . . .	-	-	-	-	3	114