8-57

IMPERIAL IRRIGATION DISTRICT
RECAPITULATION — WATER DISTRIBUTION
IN ACRE FEET — 1948

	Grand Canyon	Boulder Dam	Parker Dam	Diversions to A.A.C.	Diversions to Gila Main	Passing Imperial Dam	Total for Month
	IMPERIAL DAM						
January	427 800	1 181 000	1 162 000	323 177	7 830	786 898	1 117 905
February	456 900	1 176 000	1 155 000	335 718	9 380	788 356	1 133 954
March	668 100	1 153 200	1 107 000	515 587	11 030	559 391	1 089 008
April	1 722 000	1 201 000	1 083 000	587 895	15 300	404 535	1 007 730
May	3 381 000	1 151 000	1 114 000	444 653	15 750	589 328	1 049 731
June	3 294 000	1 080 000	997 700	529 047	14 470	370 701	914 218
July	1 009 000	1 166 000	1 117 000	645 602	15 670	344 509	1 005 781
August	584 400	965 300	982 400	622 246	17 340	274 047	913 633
September	237 200	992 000	944 700	550 266	15 870	309 649	875 785
October	335 500	905 300	922 500	431 575	9 550	457 068	898 193
November	428 100	1 009 300	977 100	334 677	7 830	611 169	953 676
December	363 200	1 127 000	1 099 000	259 232	5 390	838 114	1 102 786
Total	12 907 200	13 077 100	12 661 400	5 579 675	148 910	6 333 765	12 062 350

	Diversions to Bard	Diversions to North Gila	Passing Laguna	Totals at Laguna	Yuma, including Spill
	LAGUNA DAM				
January	3 919	2 479	780 500	786 898	859 200
February	3983	3273	781 100	788 356	864 800
March	5 839	3 352	550 200	559 391	638 100
April	5 800	3 035	395 700	404 535	478 200
May	3 580	3 848	581 900	589 328	670 000
June	1 868	3 233	365 600	370 701	453 300
July		3 709	340 800	344 509	438 400
August		3 947	270 100	274 047	353 300
September		3 749	305 900	309 649	384 000
October		3 868	453 200	457 068	538 000
November		3 769	607 400	611 169	651 900
December		3 117	835 000	838 117	894 300
Total	24 989	41 376	6 267 400	6 333 765	7 218 500

IMPERIAL IRRIGATION DISTRICT

ALL-AMERICAN CANAL DISCHARGE

IN ACRE FEET - 1948

Sheet No. 2

	Station No. 60	Diversions Above Siphon Drop	Siphon Drop	Pilot Knob Wasteway	A.A.C. Below Pilot Knob	Loss Imperial Dam to Pilot Knob	
January	323 177	662	114 821		198 675	9 019	
February	335 718	795	116 204		212 396	9 223	
March	515 587	797	121 323	107 357	278 178	7 932	12 299
April	587 895	673	117 340	158 059	297 022	14 801	16 295
May	444 653	722	121 317	51 973	264 621	6 020	4 310
June	529 047	1 684	117 429	151 448	243 719	14 767	15 358
July	645 602	4 972	121 377	226 691	271 464	21 098	21 812
August	622 246	5 579	121 224	211 466	262 024	21 953	22 219
September	550 266	5 585	117 033	141 986	266 196	19 466	18 569
October	431 575	5 440	121 027	45 777	273 156	16 175	15 965
November	334 677	5 439	78 984		241 245	9 009	
December	259 232	3 741	84 321		169 119	2 051	
Total	5 579 675	36 089	1 349 500	1 064 757*	2 977 815	151 514	156 159**

	Coachella Turnout	A.A.C. Below Drop No. 1	Loss Pilot Knob to Drop No. 1	Loss Imperial Dam to Drop No. 1		A.A.C. Diversions Below Drop No. 1	Loss Drop No. 1 to W. S. M.
January	10 775	179 849	8 051	17 070		163 214	11 635
February	10 066	199 242	3 088	12 311		181 837	17 405
March	10 792	263 028	4 358	12 290	16 657	248 598	14 430
April	9 197	279 998	7 827	22 628	24 122	265 202	14 796
May	10 122	244 893	9 606	15 626	13 916	230 200	14 693
June	11 429	224 479	7 811	22 578	23 169	207 231	17 248
July	10 905	247 886	12 673	33 771	34 485	229 202	18 684
August	13 732	237 068	11 224	33 177	33 473	216 087	20 981
September	19 218	230 870	16 108	35 574	34 677	211 636	19 234
October	19 986	240 107	13 063	29 238	29 028	222 990	17 117
November	19 759	211 958	9 528	18 537		195 313	16 645
December	18 807	139 936	10 576	12 427		126 129	13 807
Total	164 788	2 699 314	113 713	265 227	269 872**	2 502 639	196 675

* Bureau gate measurement at Pilot Knob Wasteway

** Metered discharge at Hanlon Heading used to compute A.A.C. losses Imperial Dam to Pilot Knob and Drop No. 1. Metered discharge at Hanlon Heading used in Annual Reports.

Sheet No. 3

IMPERIAL IRRIGATION DISTRICT
ROCKWOOD AND HANLON HEADINGS
IN ACRE FEET - 1948

	HANLON HEADING			MEXICAN DELIVERIES TO USERS AND REVENUE	
	Received From A.A.C.	Received From Rockwood Heading	Total Delivered at Hanlon Heading	Deliveries to Users	Revenue
January		37 019	37 019	32 452	$ 10 234 68
February		70 935	70 935	65 ~~548~~ 284	20 683 82
March	102 990	62 749	165 739	160 516	50 623 56
April	156 565		156 565	147 882	46 639 01
May	53 683		53 683	47 410	14 952 21
June	150 857		150 857	137 785	43 504 45
July	225 977		225 977	214 896	67 773 65
August	211 170		211 170	199 450	62 902 37
September	142 883		142 883	135 319	30 438 71
October	15 987	14 904	30 891	27 526	6 191 79
November		20 289	20 289	15 784	3 550 41
December		57 420	57 420	50 743	11 461 59
Total	1 060 112	263 316	1 323 428	1 235 347	$368 956 25

INFLOW TO SALTON SEA
IN ACRE FEET - 1948
ALAMO CHANNEL

	Net Main Canal Waste	Net Division N. Waste	Crossing Line from Mexico	Farm Waste and Drainage	Lateral Waste and Drainage below Meter Stations	Metered at Outlet	Total to The Sea
January		3 003	1 242	42 740	2 678	44 307	46 985
February		2 061	~~1 105~~ 1 014	~~44 268~~ 44 3[illegible]	2 267	45 168	47 435
March		2 290	1 170	52 731	3 978	52 213	56 191
April		2 274	1 464	43 079	2 594	44 223	46 817
May		2 388	1 799	46 320	2 390	48 117	50 507
June		2 566	1 686	38 849	2 497	40 604	43 101
July		2 326	75	40 995	1 914	41 482	43 396
August		2 434	83	43 946	3 574	42 889	46 463
September		3 210	95	42 007	3 316	41 996	45 312
October	172	2 964	129	51 317	2 454	52 128	54 582
November		3 344	~~119~~ 121	~~48 785~~ 48 7[illegible]	2 943	49 305	52 248
December	916	4 773	137	33 389	2 372	36 843	39 215
Total	1 088	33 633	~~9 105~~ 9 447	~~528 426~~ 528 [illegible]	32 977	539 275	572 252
Avg. Daily S.F.		46	13	728	45	743	788

Sheet No. 4

IMPERIAL IRRIGATION DISTRICT
INFLOW TO SALTON SEA
IN ACRE FEET — 1948
NEW RIVER CHANNEL

	Main Canal Waste	Division Waste	Crossing Line From Mexico	Farm Waste and Drainage	Lateral Waste and Drainage below Meter Stations	Metered at Outlet	Total to the Sea
January	5 359	6 291	3 185	28 644	2 881	40 598	43 479
February	6 026	5 057	2 398	24 920	2 738	35 663	38 401
March	5 583	5 548	2 467	30 227	3 803	40 022	43 825
April	4 722	5 395	3 094	25 840	3 402	35 649	39 051
May	5 635	7 161	2 705	26 153	3 970	37 684	41 654
June	5 897	6 264	2 553	23 617	3 493	34 838	38 331
July	6 072	6 504	3 485	22 181	3 642	34 600	38 242
August	6 020	5 695	2 719	21 181	3 102	32 513	35 615
September	6 181	5 284	3 880	21 917	3 176	34 086	37 262
October	8 406	6 176	4 465	26 606	3 471	42 182	45 653
November	5 586	5 654	3 717	27 639	3 774	38 822	42 596
December	5 480	6 710	3 874	22 526	3 677	34 913	38 590
Total	70 967	71 739	38 542	301 451	41 129	441 570	482 699
Avg. daily S.F.	98	99	53	415	57	608	665

TOTAL INFLOW TO SALTON SEA
FROM ALAMO AND NEW RIVER CHANNELS
IN ACRE FEET — 1948

January	5 359	9 294	4 427	71 384	5 559	84 905	90 464
February	6 026	7 118	~~3 504~~ 3 414	~~69 188~~ 69 278	5 005	80 831	85 836
March	5 583	7 838	3 637	82 958	7 781	92 235	100 016
April	4 722	7 669	4 558	68 919	5 996	79 872	85 868
May	5 635	9 549	4 504	72 473	6 360	85 801	92 161
June	5 897	8 830	4 239	62 466	5 990	75 442	81 432
July	6 072	8 830	3 560	63 176	5 556	76 082	81 638
August	6 020	8 129	2 802	65 127	6 676	75 402	82 078
September	6 181	8 494	3 975	63 924	6 492	76 082	82 574
October	8 ~~678~~ 578	9 140	4 594	77 923	5 925	94 310	100 235
November	5 586	8 998	~~3 836~~ 3 834	~~76 424~~ 76 422	6 717	88 127	94 844
December	6 396	11 483	4 011	55 915	6 049	71 756	77 805
Total	72 055	105 372	~~47 647~~ 47 357	~~829 877~~ 829 977	74 106	980 845	1 054 951
Avg. Daily S.F.	99	145	66	1 143	103	1 351	1 453

IMPERIAL IRRIGATION DISTRICT

NET RECEIVED BY DIVISIONS

IN ACRE FEET - 1948

	East Mesa	Calexico Division	Holtville Division	El Centro Division	Imperial Division	Brawley Division	Westmorland Division	Calipatria Division	Total
January	743	13 609	27 347	14 897	20 025	27 320	24 672	33 364	161 977
February	1 154	14 819	32 096	15 836	22 692	29 787	24 684	37 263	178 361
March	1 217	19 159	40 298	21 899	30 959	40 517	36 968	52 971	243 988
April	2 129	21 547	43 309	24 074	35 185	43 230	39 217	51 321	260 012
May	4 033	18 419	36 036	20 705	26 609	38 989	39 491	36 359	220 041
June	2 728	17 753	33 044	18 536	24 267	34 405	35 810	31 277	197 820
July	4 190	17 764	37 560	21 009	29 406	36 578	35 358	33 485	215 350
August	3 948	17 914	34 885	18 579	27 664	38 325	28 935	42 779	203 029
September	5 134	16 845	38 143	21 154	28 253	23 881	28 370	38 297	200 077
October	3 562	16 890	32 717	20 263	26 554	38 275	32 257	36 287	206 905
November	3 844	19 898	31 348	17 279	23 409	28 362	27 854	34 435	187 429
December	4 565	8 574	18 898	10 029	13 010	16 425	21 741	24 447	117 689
Total	37 247	197 221	405 681	224 260	308 033	385 594	375 357	459 235	2 392 678

DIVISION WASTE

January		1 225	2 363	1 545	1 932	2 104	2 628	2 844	14 641
February		1 050	2 176	1 417	1 715	1 956	1 812	1 960	12 086
March		1 189	2 159	1 332	1 729	1 995	2 043	2 353	13 100
April		1 215	1 406	1 299	1 561	2 042	2 176	2 162	11 860
May		1 364	1 891	1 431	1 950	2 282	3 124	3 258	17 300
June		1 227	1 710	1 636	2 156	2 115	2 485	2 507	13 836
July		1 276	1 984	1 277	1 948	1 696	2 052	2 273	13 806
August		1 151	2 102	1 351	1 817	1 697	2 142	2 165	12 928
September		1 184	1 787	1 361	1 791	1 259	2 215	3 344	12 941
October		1 174	2 196	1 391	1 835	2 067	2 954	2 547	14 164
November		1 179	2 182	1 720	1 844	1 476	2 648	3 245	14 294
December		1 397	1 908	1 757	2 084	1 732	3 109	3 416	15 403
Total		14 631	23 864	17 817	22 362	22 331	31 020	31 334	163 359

IMPERIAL IRRIGATION DISTRICT

DELIVERIES TO RANCHES BY DIVISIONS

IN ACRE-FEET - 1948

	East Mesa	Calexico Division	Holtville Division	El Centro Division	Imperial Division	Brawley Division	Westmorland Division	Calipatria Division	Total
January	743	9 308	19 887	11 291	12 929	18 531	13 526	20 851	107 066
February	1 154	10 785	24 454	12 596	15 622	21 068	15 217	24 941	125 837
March	1 217	14 174	31 942	17 896	22 076	30 493	21 712	37 324	179 834
April	2 129	16 540	34 664	19 344	25 015	32 859	26 275	36 537	193 463
May	4 033	13 643	26 798	15 961	17 498	27 511	26 492	23 932	155 811
June	2 728	12 949	21 109	13 681	15 320	23 713	22 261	19 199	133 960
July	4 190	12 752	28 203	15 801	19 297	26 219	20 130	20 625	147 217
August	3 948	12 723	25 759	14 152	18 334	20 193	15 308	26 138	136 555
September	5 134	11 936	28 992	16 210	19 000	17 572	16 132	23 984	138 960
October	3 562	12 203	24 027	16 048	17 839	28 712	18 769	23 889	144 749
November	3 844	9 951	23 352	13 294	15 192	20 135	16 033	27 124	128 925
December	4 565	5 084	12 123	6 837	7 014	10 129	9 570	13 919	69 241
Total	37 247	142 048	304 310	173 111	205 136	276 838	224 465	298 463	1 661 613

DIVISION LOSS

January		3 076	5 097	2 061	5 164	6 685	8 518	9 669	40 270
February		3 014	5 466	1 823	5 355	6 763	7 655	10 862	40 938
March		3 796	6 197	2 671	7 154	8 029	9 913	13 294	51 054
April		3 792	7 239	3 731	8 609	8 329	10 667	12 822	54 689
May		3 112	7 347	3 313	7 161	8 593	9 935	10 169	49 630
June		3 577	7 225	3 219	6 791	8 577	11 064	9 571	50 024
July		3 736	7 373	3 631	8 161	8 663	12 176	10 587	54 327
August		4 040	7 024	3 076	7 513	6 525	11 182	11 186	53 546
September		3 725	7 364	3 583	7 462	5 050	9 993	10 999	48 176
October		3 513	6 494	2 824	6 880	7 896	10 534	9 851	47 992
November		2 768	5 814	2 265	6 373	6 751	9 173	11 066	44 210
December		2 093	4 867	1 435	3 912	4 564	9 062	7 112	33 045
Total		40 542	77 507	33 332	80 535	86 425	119 872	129 188	567 701

IMPERIAL IRRIGATION DISTRICT
WASTE FROM MAIN CANALS
IN ACRE FEET - 1948

	All-American Canal Alamo Waste	All-American Canal New River Waste	Dahlia Waste	No. 4 Waste	Dixie Waste	Total
January	528	1 095	1 396	1 811	1 057	5 887
February	627	1 424	1 158	1 728	1 716	6 653
March	2 150	1 692	1 509	1 416	966	7 733
April	3 311	1 844	843	1 121	914	8 033
May	1 720	1 749	1 375	1 420	1 091	7 355
June	1 801	2 126	1 139	1 317	1 315	7 698
July	2 907	1 773	1 228	1 740	1 331	8 979
August	1 743	1 869	1 531	1 289	1 331	7 763
September	942	2 251	1 486	1 206	1 238	7 123
October	1 490	3 880	1 561	1 192	1 773	9 896
November	1 596	1 793	1 365	1 273	1 155	7 182
December	2 547	1 208	1 553	1 279	1 440	8 027
Total	21 962	22 704	16 144	16 792	15 327	92 929

	DIVERSIONS FROM ALAMO CHANNEL			WASTE RECOVERED FROM ALAMO RIVER ABOVE ALAMO DAM		
	Rositas Dam	Alamo Dam	Total	From Mains	From Divisions	Total
January	4 441	6 006	10 447	528	5 347	5 875
February	4 666	7 268	11 934	627	4 968	5 595
March	6 796	10 066	16 862	2 150	5 262	7 412
April	7 265	10 018	17 283	3 311	4 191	7 502
May	5 592	5 752	11 344	1 720	4 751	6 471
June	5 405	5 581	10 986	1 801	5 006	6 807
July	6 000	6 008	12 008	2 907	4 976	7 883
August	4 825	6 123	10 948	1 743	4 799	6 542
September	4 628	7 038	11 666	942	4 447	5 389
October	4 996	6 658	11 654	1 318	5 024	6 342
November	4 834	6 324	11 158	1 596	5 296	6 892
December	2 800	4 862	7 662	1 631	5 920	7 551
Total	62 248	81 704	143 952	20 271	57 987	78 261

IMPERIAL IRRIGATION DISTRICT
MAIN CANAL SUMMARY
IN ACRE FEET — 1948

	Gross Waste From Main Canals	Main Canal Waste Recovered In Alamo Channel	Net Waste From Main Canals	Net Deliveries From Main Canals	Total Diversion From Main Canals
January	5 887	528	5 359	156 630	161 989
February	6 653	627	6 026	173 393	179 419
March	7 733	2 150	5 583	238 726	244 309
April	8 033	3 311	4 722	255 821	260 543
May	7 355	1 720	5 635	215 290	220 925
June	7 698	1 801	5 897	192 814	198 711
July	8 979	2 907	6 072	210 374	216 446
August	7 763	1 743	6 020	198 230	204 250
September	7 123	942	6 181	195 630	201 811
October	9 896	1 318	8 578	201 881	210 459
November	7 182	1 596	5 586	182 133	187 719
December	8 027	1 631	6 396	113 769	120 165
Total	92 329	20 274	72 055	2 334 691	2 406 746

	Total Loss In Main Canals	Net Division Waste	Total Diversions	Total Loss Over Entire System	Total Deliveries To Ranches
January	17 860	9 294	121 719	58 130	107 066
February	19 823	7 118	138 981	60 261	125 837
March	18 719	7 838	193 255	61 [illegible]	179 831
April	19 455	7 669	205 854	72 141	193 463
May	23 968	9 549	170 995	73 898	155 811
June	25 768	8 830	148 687	75 792	133 960
July	31 440	8 830	162 119	85 767	147 217
August	32 818	8 129	150 704	86 964	136 552
September	29 059	8 494	159 635	77 235	138 960
October	29 648	9 110	162 467	74 640	144 719
November	21 239	8 998	143 509	68 149	128 925
December	19 771	11 483	87 120	52 816	69 124
Total	292 568	105 372	1 839 015	860 269	1 663 618

IMPERIAL IRRIGATION DISTRICT

DIVISION WASTE TO NEW RIVER

IN ACRE FEET - 1948

	Calexico Divison	Imperial Division	Brawley Division	Westmorland Division	Calipatria Division	Total Waste	Westmorland Direct Waste to The Sea	Westmorland Total Waste
January	1 225	1 610	828	1 615		5 278	1 013	2 628
February	1 050	1 388	807	976		4 221	836	1 812
March	1 189	1 282	734	1 132		4 337	1 211	2 343
April	1 215	1 052	953	1 265		4 485	910	2 175
May	1 364	1 546	1 121	1 600	6	5 637	1 524	3 124
June	1 227	1 711	839	1 271	2	5 050	1 214	2 485
July	1 276	1 535	637	1 570	4	5 022	1 482	3 052
August	1 151	1 518	581	1 147		4 397	1 298	2 445
September	1 184	1 375	480	1 014		4 053	1 231	2 245
October	1 174	1 377	643	1 542	28	4 764	1 412	2 954
November	1 179	1 352	449	1 134	26	4 140	1 514	2 648
December	1 397	1 726	448	1 452	30	5 053	1 657	3 109
Total	14 631	17 472	8 520	15 718	96	56 437	15 302	31 020

DIVISION WASTE TO ALAMO RIVER

	Holtville Division	El Centro Division	Imperial Division	Brawley Division	Calipatria Division	Total Waste	Calipatria Direct Waste to The Sea	Calipatria Total Waste
January	2 363	1 545	322	1 276	936	6 442	1 908	2 874
February	2 176	1 417	327	1 179	597	5 666	1 963	1 960
March	2 159	1 332	447	1 261	857	6 056	1 496	2 353
April	1 406	1 299	509	1 089	827	5 130	1 335	2 162
May	1 891	1 431	404	1 161	667	5 554	1 585	2 252
June	1 710	1 636	445	1 276	859	5 926	1 606	2 505
July	1 984	1 577	413	1 059	825	5 858	1 444	2 269
August	2 102	1 351	299	1 026	805	5 583	1 650	2 455
September	1 787	1 361	416	779	1 261	5 604	2 053	3 314
October	2 196	1 391	458	1 424	922	6 391	1 597	2 519
November	2 182	1 720	492	1 027	1 257	6 678	1 962	3 219
December	1 908	1 757	358	1 284	1 238	6 545	2 148	3 386
Total	23 864	17 817	4 890	13 811	11 051	71 433	20 187	31 238