

TABLE 1

SUMMARY OF VALUES AND 31-YEAR AVERAGE YIELDS
OF ASSUMED RIGHTS FOR SALINITY CONTROL

	In thousands of acre-feet							
	: Apr. :	May :	June :	July :	Aug. :	Sept. :	Oct. :	Total :
	<u>Assumed rights</u>							
Study A-1	196	203	196	203	203	196	203	1400
A-2	196	203	196	203	203	196	203	1400
A-2 Modified	196	203	196	203	203	196	203	1400
B-1	196	203	196	203	203	196	203	1400
B-2	196	203	196	203	203	196	203	1400
B-2 Modified	196	203	196	203	203	196	203	1400
B-3	119	123	119	123	123	119	123	849
B-4	196	203	196	203	203	196	203	1400
	<u>31-year average yields</u>							
Study A-1	196	197	167	53	3	143	201	960
A-2	196	197	167	53	3	143	201	960
A-2 Modified	196	197	167	53	3	143	201	960
B-1	196	203	187	136	74	158	203	1157
B-2	196	203	187	136	74	158	203	1157
B-2 Modified	196	203	187	136	74	158	203	1157
B-3	119	123	116	94	59	108	123	742
B-4	194	174	119	26	0	2	75	590

TABLE 2

SUMMARY OF VALUES AND 31-YEAR AVERAGE YIELDS OF ASSUMED
 RIPARIAN AND PRE-1927 APPROPRIATIVE AND OTHER RIGHTS OF
 LOCAL WATER USERS ALONG THE SACRAMENTO RIVER ABOVE SACRAMENTO

	In thousands of acre-feet							
	: Apr. :	May :	June :	July :	Aug. :	Sept. :	Oct. :	Total
	<u>Assumed rights</u>							
Study A-1	114	372	436	475	437	276	121	2231
A-2	114	372	436	475	437	276	121	2231
A-2 Modified	114	372	436	475	437	276	121	2231
B-1	114	372	436	475	437	275	121	2230
B-2	114	372	436	475	437	275	121	2230
B-2 Modified	114	372	436	475	437	275	121	2230
B-3	114	372	436	475	437	275	121	2230
B-4	114	372	436	475	437	275	121	2230
	<u>31-year average yields</u>							
Study A-1	114	369	420	376	337	274	121	2011
A-2	114	369	420	376	337	274	121	2011
A-2 Modified	114	369	420	376	337	274	121	2011
B-1	114	362	383	204	89	105	115	1372
B-2	114	362	384	203	89	100	113	1365
B-2 Modified	114	362	384	203	89	100	113	1365
B-3	114	369	392	236	111	164	121	1507
B-4	114	370	411	301	187	250	121	1754

TABLE 3

SUMMARY OF VALUES AND 31-YEAR AVERAGE YIELDS OF ASSUMED
 RIPARIAN AND PRE-1927 APPROPRIATIVE AND OTHER RIGHTS OF
 LOCAL WATER USERS IN THE DELTA UPLANDS AND LOWLANDS

	In thousands of acre-feet							
	: Apr. :	: May :	: June :	: July :	: Aug. :	: Sept. :	: Oct. :	: Total :
	<u>Assumed rights</u>							
Study A-1	85	145	196	279	293	213	118	1329
A-2	85	145	196	279	293	213	118	1329
A-2 Modified	85	145	196	279	293	213	118	1329
B-1	85	145	196	279	293	213	118	1329
B-2	85	145	196	279	293	213	118	1329
B-2 Modified	85	145	196	279	293	213	118	1329
B-3	85	145	196	279	293	213	118	1329
B-4	85	145	196	279	293	213	118	1329
	<u>31-year average yields</u>							
Study A-1	85	145	186	192	152	207	118	1085
A-2	85	145	186	192	152	207	118	1085
A-2 Modified	85	145	186	192	152	207	118	1085
B-1	85	144	189	233	233	191	117	1192
B-2	85	144	188	233	233	191	118	1192
B-2 Modified	85	144	188	233	233	191	118	1192
B-3	85	144	190	235	235	204	118	1211
B-4	85	145	192	248	244	211	118	1243

TABLE 4

SUMMARY OF VALUES AND 31-YEAR AVERAGE YIELDS OF ASSUMED
1927-1938 APPROPRIATIVE AND OTHER RIGHTS OF LOCAL WATER
USERS ALONG THE SACRAMENTO RIVER ABOVE SACRAMENTO

In thousands of acre-feet								
	Apr.	May	June	July	Aug.	Sept.	Oct.	Total
<u>Assumed rights</u>								
Study A-1	4	12	14	16	14	9	3	72
A-2	4	12	14	16	14	9	3	72
A-2 Modified	4	12	14	16	14	9	3	72
B-1	4	11	15	16	15	8	3	72
B-2	4	11	15	16	15	8	3	72
B-2 Modified	4	11	15	16	15	8	3	72
B-3	4	11	15	16	15	8	3	72
B-4	4	11	15	16	15	8	3	72
<u>31-year average yields</u>								
Study A-1	4	7	4	1	0	0	1	17
A-2	4	7	5	0	0	0	2	18
A-2 Modified	3	7	4	1	0	1	3	19
B-1	4	7	5	0	0	1	1	18
B-2	4	6	5	1	0	1	1	18
B-2 Modified	4	6	5	1	0	0	2	18
B-3	4	7	5	1	0	1	2	20
B-4	4	7	5	2	0	2	2	22

TABLE 5

SUMMARY OF VALUES AND 31-YEAR AVERAGE YIELDS OF ASSUMED
 POST-1938 APPROPRIATIVE AND OTHER RIGHTS OF LOCAL WATER
 USERS ALONG THE SACRAMENTO RIVER ABOVE SACRAMENTO

		In thousands of acre-feet							
		: Apr. :	: May :	: June :	: July :	: Aug. :	: Sept. :	: Oct. :	: Total :
		<u>Assumed rights</u>							
Study A-1		15	48	60	66	60	36	12	297
A-2		15	48	60	66	60	36	12	297
A-2 Modified		15	48	60	66	60	36	12	297
B-1		15	49	60	67	60	36	12	299
B-2		15	49	60	67	60	36	12	299
B-2 Modified		15	49	60	67	60	36	12	299
B-3		15	49	60	67	60	36	12	299
B-4		15	49	60	67	60	36	12	299
		<u>31-year average yields</u>							
Study A-1		14	30	19	4	0	0	3	70
A-2		14	30	17	4	0	0	1	66
A-2 Modified		12	28	15	0	0	0	0	55
B-1		14	31	19	4	0	0	2	70
B-2		14	30	18	4	0	0	1	67
B-2 Modified		13	28	15	1	0	0	0	57
B-3		15	30	18	4	0	0	3	70
B-4		15	31	20	4	0	1	8	79

TABLE 6

SUMMARY OF VALUES AND 31-YEAR AVERAGE YIELDS OF ASSUMED
POST-1938 APPROPRIATIVE AND OTHER RIGHTS OF LOCAL WATER
USERS IN THE DELTA UPLANDS

	In thousands of acre-feet							
	: Apr. :	: May :	: June :	: July :	: Aug. :	: Sept. :	: Oct. :	: Total
	<u>Assumed rights</u>							
Study A-1	13	14	22	23	22	14	7	115
A-2	13	14	22	23	22	14	7	115
A-2 Modified	13	14	22	23	22	14	7	115
B-1	13	14	22	23	22	14	7	115
B-2	13	14	22	23	22	14	7	115
B-2 Modified	13	14	22	23	22	14	7	115
B-3	13	14	22	23	22	14	7	115
B-4	13	14	22	23	22	12	7	115
	<u>31-year average yields</u>							
Study A-1	13	12	13	3	0	0	2	43
A-2	13	12	13	3	0	0	0	41
A-2 Modified	10	10	11	1	0	0	0	32
B-1	13	11	13	3	0	0	2	42
B-2	13	12	12	3	0	0	0	40
B-2 Modified	10	10	11	1	0	0	0	32
B-3	13	12	12	3	0	0	2	42
B-4	13	13	15	2	0	1	5	49

TABLE 7

SUMMARY OF VALUES AND 31-YEAR AVERAGE YIELDS OF ASSUMED RIGHTS OF ALL LOCAL WATER USERS ALONG THE SACRAMENTO RIVER ABOVE SACRAMENTO AND IN THE DELTA UPLANDS AND LOWLANDS

	In thousands of acre-feet							
	: Apr.:	: May :	: June :	: July :	: Aug.:	: Sept.:	: Oct. :	: Total
	<u>Assumed Rights</u>							
Study A-1	231	591	728	859	826	548	261	4044
A-2	231	591	728	859	826	548	261	4044
A-2 Modified	231	591	728	859	826	548	261	4044
B-1	231	591	729	860	827	546	261	4045
B-2	231	591	729	860	827	546	261	4045
B-2 Modified	231	591	729	860	827	546	261	4045
B-3	231	591	729	860	827	546	261	4045
B-4	231	591	729	860	827	546	261	4045
	<u>31-year average yields</u>							
Study A-1	230	563	642	576	489	481	245	3226
A-2	230	563	641	575	489	481	242	3221
A-2 Modified	224	559	636	570	489	482	242	3202
B-1	230	555	609	444	322	297	237	2694
B-2	230	554	607	444	322	292	233	2682
B-2 Modified	226	550	603	439	322	291	233	2664
B-3	231	562	617	479	346	369	246	2850
B-4	231	566	643	557	431	465	254	3147

TABLE 8

SUMMARY OF VALUES AND 31-YEAR AVERAGE YIELDS OF ALL ASSUMED RIGHTS OF LOCAL WATER USERS ALONG THE SACRAMENTO RIVER ABOVE SACRAMENTO, IN THE DELTA UPLANDS AND LOWLANDS, AND THE ASSUMED RIGHT FOR SALINITY CONTROL

	In thousands of acre-feet								
	: Apr.:	May	: June	: July	: Aug.	: Sept.:	Oct.:	Total	
	<u>Assumed rights</u>								
Study A-1	427	794	924	1062	1029	744	464	5444	
A-2	427	794	924	1062	1029	744	464	5444	
A-2 Modified	427	794	924	1062	1029	744	464	5444	
B-1	427	794	925	1063	1030	742	464	5445	
B-2	427	794	925	1063	1030	742	464	5445	
B-2 Modified	427	794	925	1063	1030	742	464	5445	
B-3	350	714	848	983	950	665	384	4894	
B-4	427	794	925	1063	1030	742	464	5445	
	<u>31-year average yields</u>								
Study A-1	426	760	809	629	492	624	446	4186	
A-2	426	760	808	628	492	624	443	4181	
A-2 Modified	420	756	803	623	492	625	443	4162	
B-1	426	758	796	580	396	455	440	3851	
B-2	426	757	794	580	396	450	436	3839	
B-2 Modified	422	753	790	575	396	449	436	3821	
B-3	350	685	733	573	405	477	369	3592	
B-4	425	740	762	583	431	467	329	3757	

TABLE 8

SUMMARY OF VALUES AND 31-YEAR AVERAGE YIELDS OF ALL ASSUMED RIGHTS OF LOCAL WATER USERS ALONG THE SACRAMENTO RIVER ABOVE SACRAMENTO, IN THE DELTA UPLANDS AND LOWLANDS, AND THE ASSUMED RIGHT FOR SALINITY CONTROL

	In thousands of acre-feet								
	: Apr.:	May	: June	: July	: Aug.	: Sept.:	Oct.:	Total	
	<u>Assumed rights</u>								
Study A-1	427	794	924	1062	1029	744	464	5444	
A-2	427	794	924	1062	1029	744	464	5444	
A-2 Modified	427	794	924	1062	1029	744	464	5444	
B-1	427	794	925	1063	1030	742	464	5445	
B-2	427	794	925	1063	1030	742	464	5445	
B-2 Modified	427	794	925	1063	1030	742	464	5445	
B-3	350	714	848	983	950	665	384	4894	
B-4	427	794	925	1063	1030	742	464	5445	
	<u>31-year average yields</u>								
Study A-1	426	760	809	629	492	624	446	4186	
A-2	426	760	808	628	492	624	443	4181	
A-2 Modified	420	756	803	623	492	625	443	4162	
B-1	426	758	796	580	396	455	440	3851	
B-2	426	757	794	580	396	450	436	3839	
B-2 Modified	422	753	790	575	396	449	436	3821	
B-3	350	685	733	573	405	477	369	3592	
B-4	425	740	762	583	431	467	329	3757	

TABLE 9

SUMMARY OF VALUES AND 31-YEAR AVERAGE YIELDS OF THE ASSUMED
1927 DIRECT DIVERSION RIGHT OF THE UNITED STATES AT SHASTA
DAM FOR 8,000 SECOND-FEET

In thousands of acre-feet								
	Apr.	May	June	July	Aug.	Sept.	Oct.	Total
<u>Assumed rights</u>								
Study A-1	362	449	467	493	478	413	367	3029
A-2	264	375	431	493	451	284	150	2448
A-2 Modified	264	375	431	493	451	284	150	2448
B-1	362	449	466	493	478	412	366	3026
B-2	264	375	430	493	451	283	149	2445
B-2 Modified	264	375	430	493	451	283	149	2445
B-3	264	375	430	493	451	283	149	2445
B-4	264	375	430	493	451	283	149	2445
<u>31-year average yields</u>								
Study A-1	351	346	167	14	0	25	176	1079
A-2	261	291	143	11	0	23	123	852
A-2 Modified	255	290	140	11	0	14	107	817
B-1	351	345	167	13	0	8	155	1039
B-2	261	289	143	11	0	5	107	816
B-2 Modified	255	289	140	11	0	5	95	795
B-3	261	292	146	13	0	16	128	856
B-4	261	291	147	13	0	47	142	901

TABLE 10

SUMMARY OF VALUES AND 31-YEAR AVERAGE YIELDS OF THE ASSUMED
1927 STORAGE RIGHT OF THE UNITED STATES AT SHASTA DAM*

	In thousands of acre-feet							
	: Apr. :	: May :	: June :	: July :	: Aug. :	: Sept. :	: Oct. :	: Total
	<u>Assumed Rights</u>							
Study A-1	406	67	2	0	0	0	7	482
A-2	412	71	4	0	0	0	12	499
A-2 Modified	412	71	4	0	0	0	11	498
B-1	406	67	2	0	0	0	7	482
B-2	412	71	4	0	0	0	12	499
B-2 Modified	412	71	4	0	0	0	10	497
B-3	412	71	4	0	0	0	12	499
B-4	412	71	4	0	0	0	12	499
	<u>31-year average of yields</u>							
Study A-1	278	25	2	0	0	0	5	310
A-2	341	41	2	0	0	0	12	396
A-2 Modified	337	41	2	0	0	0	11	391
B-1	278	25	2	0	0	0	5	310
B-2	341	41	2	0	0	0	12	396
B-2 Modified	337	41	2	0	0	0	10	390
B-3	341	41	2	0	0	0	12	396
B-4	341	41	2	0	0	0	12	396

* Monthly Right assumed as Storage quantity given in U. S. B. R. Operation Study 75F. This right is variable, 31-year average is tabulated.

TABLE 11

SUMMARY OF VALUES AND 31-YEAR AVERAGE YIELDS OF THE ASSUMED
1938 DIRECT DIVERSION RIGHT OF THE UNITED STATES IN THE DELTA

		<u>In thousands of acre-feet</u>							
		:	:	:	:	:	:	:	:
		: Apr.	: May	: June	: July	: Aug.	: Sept.	: Oct.	: Total
		<u>Assumed rights</u>							
Study A-1	VARIABLE								
A-2	"								
A-2 Modified	"								
B-1	"								
B-2	"								
B-2 Modified	"								
B-3	"								
B-4	"								
		<u>31-year average yields</u>							
Study A-1		9	17	74	28	0	0	26	154
A-2		109	110	128	38	0	2	98	485
A-2 Modified		97	91	80	11	0	1	68	348
B-1		9	18	73	28	0	12	30	170
B-2		109	112	127	38	0	15	87	488
B-2 Modified		97	90	80	11	0	3	57	338
B-3		111	117	143	41	0	38	136	586
B-4		111	130	168	61	3	114	198	785

TABLE 1.2

SUMMARY OF VALUES AND 31-YEAR AVERAGE YIELDS OF ASSUMED
1927 DIRECT DIVERSION AND STORAGE RIGHTS OF THE UNITED
STATES AT SHASTA DAM AND OF THE ASSUMED 1938 DIVERSION
RIGHT OF THE UNITED STATES IN THE DELTA

In thousands of acre-feet								
	: Apr. :	May :	June :	July :	Aug. :	Sept. :	Oct. :	Total :
<u>Assumed rights*</u>								
Study A-1	772	521	474	499	484	418	379	3547
A-2	786	560	523	554	534	448	392	3797
A-2 Modified	786	560	523	554	534	448	391	3796
B-1	772	521	473	499	483	417	378	3543
B-2	786	560	522	554	534	447	391	3794
B-2 Modified	786	560	522	554	534	447	389	3792
B-3	786	560	522	554	534	447	391	3794
B-4	786	560	522	554	534	447	391	3794
<u>31-year average yields</u>								
Study A-1	638	388	243	42	0	25	207	1543
A-2	711	442	273	49	0	25	233	1733
A-2 Modified	689	422	222	22	0	15	186	1556
B-1	638	388	242	41	0	20	190	1519
B-2	711	442	272	49	0	20	206	1700
B-2 Modified	689	420	222	22	0	8	162	1523
B-3	713	430	291	34	0	34	276	1838
B-4	713	442	317	74	3	161	352	2082

* Variation due to an assumed storage right and an assumed Delta Municipal and Industrial direct diversion right of 100 c.f.s. in studies A-1 and B-1 and 1000 c.f.s. in all other studies.

EFFECT OF THE 25-YEAR AVERAGE YIELDS OF ACHIEVED WATER YIELDS OF
MAJOR IRRIGATION SYSTEMS IN THE GREAT PLAINS AND SOUTHWEST
SOUTHWEST AND IN THE GREAT PLAINS AND SOUTHWEST

In thousands of acre-feet

Year	April		May		June		July		August		September		October		Seasonal											
	Yield	Deficit	Yield	Deficit	Yield	Deficit	Yield	Deficit	Yield	Deficit	Yield	Deficit	Yield	Deficit	Yield	Deficit										
Anderson-Grovehead I. D.	2.9	12.9	35.8	1.8	28.7	23.1	4.4	16.8	21.2	4.5	5.5	10.0	1.2	0.6	4.8	4.1	5.8	9.9	3.9	16.7	20.6	28.4	71.0	105.4		
Banta-Garmon I. D.	0	5.9	5.9	0	38.0	38.0	0	39.8	39.8	0	6.6	6.6	0	0.3	0.3	0.3	0	1.3	1.3	0	1.3	1.3	0	59.2	59.2	
Byrom-Bachary I. D.	0	1.8	1.8	0	3.6	3.6	0	5.0	5.0	0	1.6	1.6	0	0.2	0.2	0.2	0	1.1	1.1	0	1.1	1.1	0	15.2	15.2	
Compton-Belcher I. D.	0	1.6	1.6	0	3.8	3.8	0	5.4	5.4	0	1.8	1.8	0	0.2	0.2	0.2	0	1.2	1.2	0	1.2	1.2	0	16.2	16.2	
Davis, Olive Perry et al.	0.2	1.5	1.7	0.7	3.6	5.3	0.8	5.1	5.9	0.9	1.1	2.0	0.9	0	0.9	0.5	1.0	1.5	0.2	1.1	1.3	1.2	11.1	18.6		
Jart Center Canal I. D.	0	1.7	1.7	0	5.4	5.4	0	5.8	5.8	0	2.3	2.3	0	0.2	0.2	0.2	0	1.4	1.4	0	1.3	1.3	0	16.1	16.1	
Kilbourn-Metcal Water Co.	0	0.5	0.5	0.1	1.5	1.5	0.2	3.7	3.9	0.2	0.5	0.7	0.2	0	0.2	0.2	0.1	0.3	0.4	0	0.4	0.4	0	0.8	0.8	
Kilbourn-Metcal Water Co.	0.1	28.3	28.4	0.6	121.5	121.1	0.7	119.1	119.8	0.8	63.2	65.0	0.7	9.6	10.3	10.3	0.5	37.0	37.5	0.2	14.0	14.2	3.6	129.7	133.3	
Liberty, P. J. & Co.	0.1	0.1	0.2	0.2	0.5	0.7	0.2	0.5	0.7	0.3	0.1	0.4	0.2	0	0.2	0.2	0.1	0.1	0.2	0.1	0.1	0.2	1.2	1.4	2.6	
Meridian Farm Water Co.	0.1	2.0	2.1	0.3	5.8	6.1	0.4	6.5	6.9	0.4	1.1	1.5	0.3	0	0.3	0.2	1.1	1.3	0	1.4	1.4	1.2	11.1	17.9		
Ngleson-Berke I. D.	0	0.5	0.5	0	1.5	1.5	0	1.6	1.6	0	0.6	0.6	0	0.1	0.1	0.1	0	0.4	0.4	0	0.4	0.4	0	5.1	5.1	
Nokomis Central Mutual Water Co.	0.1	6.4	6.5	0.1	18.7	18.2	0.2	18.9	19.1	0.2	1.0	1.2	0.2	0	0.2	0.1	0.2	0.3	2.4	0	3.4	3.4	0.9	53.2	54.1	
Nokomis Riverside Mutual Water Co.	0.1	0.4	0.5	0.4	1.2	1.6	0.5	1.1	1.4	0.6	0.3	0.9	0.6	0	0.6	0.3	0.3	0.3	0.6	0.1	0.3	0.1	2.6	3.6		
Pescadero I. D.	0	2.5	2.5	0	7.1	7.1	0	8.1	8.1	0	1.6	1.6	0	0	0	0	0	1.4	1.4	0	1.4	1.4	0	22.8	22.8	
Priestman-Cooker-Clem I. D.	0.2	3.2	3.1	0.7	9.4	10.1	0.9	10.7	11.6	0.9	3.1	4.0	0.9	0.2	1.1	1.1	0.5	2.3	2.8	0.2	2.3	2.5	4.3	31.2	35.5	
Provident I. D.	0	5.4	5.4	0	27.7	27.7	0	31.0	31.0	0	8.4	8.4	0	0	0	0	0	6.5	6.5	0	6.9	6.9	0	89.9	89.9	
Reclamation Dist. 106	2.1	8.2	10.3	6.5	21.4	30.9	8.1	27.3	35.4	8.9	6.7	15.6	8.1	0	8.1	1.9	5.5	10.4	14.6	6.0	7.6	6.0	10.2	78.1	116.3	
Reclamation Dist. 100A	0	2.3	2.3	0.1	7.0	7.1	0.2	8.0	8.2	0.2	2.6	2.8	0.2	0.3	0.5	0.1	1.8	1.9	0.2	1.8	1.9	0.2	1.8	1.9		
Reclamation Dist. 206F	0	3.7	3.7	0	11.0	11.0	0	12.3	12.3	0	2.6	2.6	0	0	0	0	0	2.0	2.0	0	2.0	2.0	0	34.2	34.2	
River Farm Co.	0.6	0.9	1.5	2.0	2.8	4.8	2.5	3.1	5.6	2.7	0.9	3.6	2.5	0	2.5	1.5	0.7	2.2	2.2	0.5	0.7	1.2	12.3	9.1		
Sacramento, City of	0	3.2	3.2	0	9.4	9.4	0	10.6	10.6	0	2.2	2.2	0	0	0	0	0	1.7	1.7	0	1.7	1.7	0	29.1	29.1	
Shaner Mutual Water Co.	0.1	14.8	14.9	0.2	31.7	31.9	0.2	31.7	31.9	0.2	7.8	8.0	0.2	0	0.2	0.1	0.2	6.3	6.4	0.2	7.1	7.2	1.1	58.4	59.5	
Tierras Irrigation & Draining Co.	0.1	0.4	0.8	1.3	1.2	2.6	1.6	1.4	3.0	1.8	0.4	2.2	1.6	0	1.6	1.0	0.3	1.3	1.3	0.3	0.3	0.6	8.0	1.1		
West Side I. D.	0	1.2	1.2	0	3.5	3.5	0	3.9	3.9	0	1.3	1.3	0	0.1	0.1	0	0.6	0.6	0	0.9	0.9	0	11.7	11.7		
Woodland Farm Inc.	0	1.2	1.2	0	11.0	11.9	0	12.1	12.1	0	2.7	2.7	0	0	0	0	0	1.2	1.2	0	1.2	1.2	0	33.9	33.9	
W. A. T. Inc. & Forest Inv. Co. Ltd.	0	1.8	1.8	0	5.7	7.0	0	7.0	7.8	0	7.8	7.0	0	0	7.0	1.3	1.4	0	4.3	1.4	0	1.4	1.4	0	35.0	35.0
Subtotals	8.9	114.2	124.0	23.3	360.7	393.0	27.9	357.8	395.7	30.4	130.2	160.6	27.8	11.8	39.6	18.3	86.8	105.1	8.7	110.2	118.9	105.2	132.7	137.9		
Delta Irrigation	58.0	0	55.0	113.0	0	111.0	145.0	0	219.0	0	219.0	0	219.0	0	219.0	179.0	0	179.0	103.0	0	103.0	103.0	0	103.0	103.0	
Other Water Users	10.1	30.0	10.1	36.6	75.4	112.0	164.6	61.8	104.6	53.7	19.6	71.3	16.9	1.2	16.1	26.9	3.2	30.1	6.1	7.0	13.2	25.1	198.2	129.3		
TOTAL	73.9	145.2	149.2	176.9	136.1	607.0	219.7	429.6	618.3	301.1	118.8	159.9	305.7	13.0	318.7	204.2	90.0	311.2	117.6	117.6	235.0	113.3	1380.9	2794.2		

TABLE 14
 STATE C-2

SUMMARY OF THE 31-YEAR AVERAGE YIELDS OF ASSURED WATER RIGHTS OF
 MAJOR ENTITIES AND OF OTHERS ALONG THE SACRAMENTO RIVER ABOVE
 SACRAMENTO AND IN THE DELTA UPLAND AND LOWLAND

Name	In thousands of acre-feet											
	April	May	June	July	August	September	October	Seasonal	April	May	June	Seasonal
	Appor- : Sum : Sprinkler	Appor- : Sum : Sprinkler	Appor- : Sum : Sprinkler	Appor- : Sum : Sprinkler	Appor- : Sum : Sprinkler	Appor- : Sum : Sprinkler	Appor- : Sum : Sprinkler	Appor- : Sum : Sprinkler	Appor- : Sum : Sprinkler	Appor- : Sum : Sprinkler	Appor- : Sum : Sprinkler	Appor- : Sum : Sprinkler
Assured Major Entities												
Anderson-Gottschow I. D.	2.9	15.8	4.4	19.3	23.7	4.4	18.1	22.5	4.5	10.8	15.3	34.2
Banta Carbon I. D.	0	5.9	0	28.6	28.6	0	21.1	22.1	0	33.6	23.6	44.2
Brown-Hubbard I. D.	0	3.4	3.4	0	4.6	4.6	0	5.3	5.3	0	3.7	3.7
Compton-Duress I. D.	0	3.6	3.6	0	5.0	5.0	0	5.8	5.8	0	3.5	3.5
Derta, Olive Percy et. al.	0.2	3.5	3.7	0.7	4.7	5.4	0.8	5.3	6.1	0.9	1.7	2.6
Kart Centre Onda I. D.	0	3.7	3.7	0	5.4	5.4	0	6.3	6.3	0	4.5	4.5
Elizbeth Mutual Water Co.	0	0.5	0.5	0.1	3.5	3.7	0.2	3.9	2.1	0.2	1.1	1.3
Gilman-Coburn I. D.	0.1	26.3	26.4	0.6	127.5	128.1	0.7	133.7	134.4	0.8	109.6	110.4
Hart, F. J. & G. J.	0.1	0.1	0.2	0.2	0.5	0.7	0.2	0.5	0.7	0.3	0.2	0.5
Merritt Farm Water Co.	0.1	2.0	2.1	0.3	6.0	6.3	0.4	6.7	7.1	0.4	2.6	2.6
Maglio-Burke I. D.	0	0.5	0.5	0	3.5	3.5	0	3.7	3.7	0	3.2	3.2
Nichols Central Mutual Water Co.	0.1	6.4	6.5	0.1	39.3	39.4	0.2	20.2	20.4	0.2	9.0	9.2
Reynolds Riverside Mutual Water Co.	0.1	0.4	0.5	0.4	1.3	1.7	0.5	1.4	1.9	0.6	0.8	1.1
Pascadero I. D.	0	2.5	2.5	0	7.8	7.8	0	8.5	8.5	0	4.7	4.7
Primetion-Covers-Glen I.D.	0.2	3.2	3.4	0.7	10.0	10.7	0.9	11.8	12.7	0.9	6.2	7.1
Prudent I. D.	0	9.4	9.4	0	29.4	29.4	0	33.5	33.5	0	35.2	35.2
Reclamation Dist. 208	2.1	8.2	10.3	6.5	25.9	32.4	8.1	29.8	37.9	8.9	13.7	22.6
Reclamation Dist. 200	0	2.3	2.3	0.1	7.4	7.5	0.2	8.6	8.8	0.2	5.2	5.4
Reclamation Dist. 2068	0	3.7	3.7	0	11.8	11.8	0	12.8	12.8	0	7.3	7.3
River Farm Co.	0.6	0.9	1.5	2.0	3.0	5.0	2.5	3.5	6.0	2.7	1.9	4.6
Sacramento, City of	0	3.2	3.2	0	10.3	10.3	0	11.0	11.0	0	6.2	6.2
Senior Mutual Water Co.	0.1	12.8	12.9	0.2	35.0	35.2	0.2	34.3	34.5	0.2	13.4	13.6
Tisdale Irrigation & Drainage Co.	0.4	0.4	0.8	1.3	1.4	2.7	1.6	1.6	3.2	1.8	0.8	2.6
West Side I. D.	0	1.2	1.2	0	3.7	3.7	0	4.3	4.3	0	2.6	2.6
Woodland Farm Inc.	0	4.2	4.2	0	12.8	12.8	0	12.9	12.9	0	5.0	5.0
W. F. Fox & Barrett Imp. Co. 1.6	0.8	135.2	134.0	23.3	373.6	396.9	27.9	404.6	428.5	30.4	233.9	274.3
W. F. Fox & Barrett Imp. Co. 1.6	0.8	135.2	134.0	23.3	373.6	396.9	27.9	404.6	428.5	30.4	233.9	274.3
Other Major Users	10.3	30.0	40.3	36.6	79.3	135.9	165.8	70.2	117.0	51.7	73.5	165.9
TOTAL	23.9	116.2	229.1	170.9	659.9	625.8	234.7	470.8	690.5	301.1	566.8	1131.7

TABLE 15

SUMMARY OF THE 31-YEAR AVERAGE DIFFERENCE BETWEEN THE YIELD OF ALL ASSUMED RIGHTS OF THE LOCAL WATER USERS ALONG THE SACRAMENTO RIVER ABOVE SACRAMENTO AND THE 1954 LEVEL OF DIVERSIONS. SACRAMENTO RIVER IRRIGATION DEFICIENCY

Study	In thousands of acre-feet							Total
	Apr.	May	June	July	Aug.	Sept.	Oct.	
A-1	0	17	12	79	78	0	0	186
A-2	0	17	12	79	78	0	0	186
A-2 Modified	0	17	12	79	78	0	0	186
B-1	0	24	48	249	321	142	3	787
B-2	0	24	48	250	321	145	3	791
B-2 Modified	0	25	48	250	321	145	3	792
B-3	0	18	39	218	300	84	0	659
B-4	0	17	21	154	225	17	0	434

TABLE 16

SUMMARY OF THE 31-YEAR AVERAGE DIFFERENCE BETWEEN THE YIELD OF ALL ASSUMED RIGHTS OF THE LOCAL WATER USERS IN THE DELTA UPLANDS AND LOWLANDS AND THE 1955 LEVEL OF DIVERSIONS. DELTA IRRIGATION DEFICIENCY

Study	In thousands of acre-feet							Total
	Apr.	May	June	July	Aug.	Sept.	Oct.	
A-1	0	2	13	107	159	14	0	295
A-2	0	3	13	107	160	14	0	297
A-2 Modified	0	4	13	107	160	14	0	298
B-1	0	4	11	65	82	34	1	197
B-2	0	4	11	65	82	34	1	197
B-2 Modified	0	5	11	65	82	34	1	198
B-3	0	3	10	62	79	20	0	174
B-4	0	1	7	48	69	5	0	130

TABLE 17

SUMMARY OF THE 31-YEAR AVERAGE DIFFERENCE BETWEEN THE YIELD OF ALL ASSUMED RIGHTS OF THE LOCAL WATER USERS ALONG THE SACRAMENTO RIVER ABOVE SACRAMENTO AND IN THE DELTA UPLANDS AND LOWLANDS AND THE 1954-55 LEVEL OF DIVERSIONS. TOTAL IRRIGATION DEFICIENCY

In thousands of acre-feet

Study	Apr.	May	June	July	Aug.	Sept.	Oct.	Total
A-1	0	19	25	186	237	14	0	481
A-2	0	20	25	186	238	14	0	483
A-2 Modified	0	21	25	186	238	14	0	484
B-1	0	28	59	314	403	176	4	984
B-2	0	28	59	315	403	179	4	988
B-2 Modified	0	30	59	315	403	179	4	990
B-3	0	21	49	280	379	104	0	833
B-4	0	18	28	202	294	22	0	564

TABLE 18

SUMMARY OF THE 31-YEAR AVERAGE DIFFERENCE BETWEEN THE YIELD OF THE ASSUMED RIGHT FOR SALINITY CONTROL AND THE REQUIRED FLOW* SALINITY CONTROL DEFICIENCY

In thousands of acre-feet

Study	Apr.	May	June	July	Aug.	Sept.	Oct.	Total
A-1	0	6	29	148	199	44	1	427
A-2	0	6	29	148	199	44	1	427
A-2 Modified	0	6	29	148	199	44	1	427
B-1	0	0	10	67	129	38	0	244
B-2	0	0	10	67	129	38	0	244
B-2 Modified	0	0	10	67	129	38	0	244
B-3	0	0	3	29	64	11	0	107
B-4	1	28	73	177	203	191	109	782

* In Study B-3 the required flow is 2,000 c.f.s., and in all other studies the required flow is 3,200 c.f.s.

TABLE 19

SUMMARY OF THE 31-YEAR AVERAGE DIFFERENCE BETWEEN THE YIELD OF ALL ASSUMED RIGHTS OF THE LOCAL WATER USERS INCLUDING THE YIELD FOR SALINITY CONTROL OUTFLOW AND THE 1954-55 LEVEL OF DIVERSION INCLUDING THE REQUIRED SALINITY CONTROL OUTFLOW*
TOTAL DEFICIENCY

Study	In thousands of acre-feet							Total
	Apr.	May	June	July	Aug.	Sept.	Oct.	
A-1	0	25	54	334	436	58	1	908
A-2	0	26	54	334	437	58	1	910
A-2 Modified	0	27	54	334	437	58	1	911
B-1	0	28	69	381	532	214	4	1228
B-2	0	28	69	382	532	217	4	1232
B-2 Modified	0	30	69	382	532	217	4	1234
B-3	0	21	52	309	443	115	0	940
B-4	1	46	101	279	497	213	109	1346

* In Study B-3 the required flow is 2,000 c.f.s. and in all other studies the required flow is 3,300 c.f.s.

TABLE 20
STUDY C-1

SUMMARY OF THE 31-YEAR AVERAGE DIFFERENCE BETWEEN THE YIELDS OF AND THE NET
YIELD OF ALL ASSURED WATER RIGHTS OF MAJOR UTILITIES AND OF OTHERS ALONG
THE SACRAMENTO RIVER AND IN THE DELTA UPLANDS AND LOWLANDS
TOTAL AGRICULTURAL IRRIGATION

In thousands of acre-feet

Item	April		May		June		July		August		September		October		Seasonal	
	River - Irrigation	Total	River - Irrigation	Total	River - Irrigation	Total	River - Irrigation	Total	River - Irrigation	Total	River - Irrigation	Total	River - Irrigation	Total	River - Irrigation	Total
Assured Water Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anderson-Ottomano I. D.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Beale-Carbarn I. D.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Byron-Wichay I. D.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Compton-Dalman I. D.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Davis, Olive Percy et al.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East Contra Costa I. D.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Elkhorn Mutual Water Co.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gilman-Culpeper I. D.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hasty, F. J. & Co. J.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Meridian Farm Water Co.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nagler-Strabo I. D.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
National Central Mutual Water Co.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Norwood Riverside Mutual Water Co.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pawmire I. D.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Princeton-Coburn-Glenn I. D.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
President I. D.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reclamation Dist., 108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reclamation Dist., 1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reclamation Dist., 2066	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shasta-Farm Co.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shasta, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shasta Mutual Water Co.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shasta Irrigation & Development Co.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West Side I. D.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Woodland Farm Inc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
W. A. Jones & Partners Irr. Co.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Water Users	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 21

STUDY C-2

SUMMARY OF THE 31-YEAR AVERAGE DIFFERENCES BETWEEN THE TENDS OF AND THE NET VALUES OF ALL ASSIGNED WATER RIGHTS OF MAJOR ENTITIES AND OTHER OWNERS IN THE SACRAMENTO RIVER ABOVE SACRAMENTO IN THE DELTA OF CALIFORNIA AND LOWLANDS TOTAL IRRIGATION DEFICIENCY

In thousands of acre-feet

Item	April		May		June		July		August		September		October		Seasonal	
	Water - Irrigation	Total	Water - Irrigation	Total	Water - Irrigation	Total	Water - Irrigation	Total	Water - Irrigation	Total	Water - Irrigation	Total	Water - Irrigation	Total	Water - Irrigation	Total
Assigned Major Entities																
Anderson Cottonwood I. D.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Barbara I. D.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Syracuse I. D.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Compton-Bellevue I. D.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Davis, Olive Perry et. al.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East Contra Costa I. D.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kilbourn Mutual Water Co.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glenn-Colusa I. D.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hatti, F. J. & G. J.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Meridian Farm Water Co.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nglesworth I. D.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
National Central Mutual Water Co.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nikeasa Riverside Mutual Water Co.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Procudera I. D.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Princeton-Cotton-Clegg I. D.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Provident I. D.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reclamation Dist. 108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reclamation Dist. 1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reclamation Dist. 2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
River Falls Co.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sacramento, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Setler Mutual Water Co.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tisdale Irrigation & Drainage Co.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West Side I. D.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Woodland Farm Inv.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
W & F Irr. & Farm Inv. Co.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Delta Lowlands	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Water Users	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 22

SUMMARY OF THE 31-YEAR AVERAGE VALUES OF SUPPLEMENTAL WATER
 REQUIRED TO FIRM THE YIELD OF THE ASSUMED RIGHTS OF LOCAL
 WATER USERS ALONG THE SACRAMENTO RIVER ABOVE SACRAMENTO TO
 THE 1954 LEVEL OF DIVERSIONS

In thousands of acre-feet								
Study	Apr.	May	June	July	Aug.	Sept.	Oct.	Total
A-1	0	12	9	63	60	0	0	144
A-2	0	12	9	63	60	0	0	144
A-2 Modified	0	12	9	63	60	0	0	144
B-1	0	17	34	195	231	82	2	561
B-2	0	18	34	195	231	83	2	563
B-2 Modified	0	18	34	195	231	83	2	563
B-3	0	13	28	171	216	50	0	478
B-4	0	12	15	121	163	11	0	322

TABLE 23

SUMMARY OF THE 31-YEAR AVERAGE VALUES OF SUPPLEMENTAL WATER
REQUIRED TO FIRM THE YIELD OF THE ASSUMED RIGHTS OF LOCAL
WATER USERS IN THE DELTA UPLANDS AND LOWLANDS TO THE
1955 LEVEL OF DIVERSIONS

In thousands of acre-feet								
Study	Apr.	May	June	July	Aug.	Sept.	Oct.	Total
A-1	0	1	12	101	147	14	0	275
A-2	0	1	12	101	148	14	0	276
A-2 Modified	0	2	12	101	148	14	0	277
B-1	0	2	6	50	47	0	0	105
B-2	0	2	6	50	47	1	0	106
B-2 Modified	0	2	6	50	47	1	0	106
B-3	0	1	6	48	47	2	0	104
B-4	0	1	5	39	44	1	0	90

TABLE 24

SUMMARY OF THE 31-YEAR AVERAGE VALUES OF SUPPLEMENTAL WATER REQUIRED
TO FIRM THE YIELD OF THE ASSUMED RIGHTS OF LOCAL WATER USERS ALONG THE
SACRAMENTO RIVER ABOVE SACRAMENTO AND IN THE DELTA UPLANDS AND LOWLANDS
TO THE 1954-55 LEVEL OF DIVERSIONS

In thousands of acre-feet								
Study	Apr.	May	June	July	Aug.	Sept.	Oct.	Total
A-1	0	13	21	164	207	14	0	419
A-2	0	13	21	164	208	14	0	420
A-2 Modified	0	14	21	164	208	14	0	421
B-1	0	19	40	245	278	82	2	666
B-2	0	20	40	245	278	84	2	669
B-2 Modified	0	20	40	245	278	84	2	669
B-3	0	14	34	219	263	52	0	582
B-4	0	13	21	159	207	12	0	412

TABLE 25

SUMMARY OF THE 31-YEAR AVERAGE VALUES OF SUPPLEMENTAL WATER
REQUIRED TO FIRM THE YIELD OF THE ASSUMED RIGHT FOR SALINITY
CONTROL AT THE REQUIRED FLOW*

In thousands of acre-feet								
Study	Apr.	May	June	July	Aug.	Sept.	Oct.	Total
A-1	0	6	29	148	199	44	1	427
A-2	0	6	29	148	199	44	1	427
A-2 Modified	0	6	29	148	199	44	1	427
B-1	0	0	10	67	129	16	0	222
B-2	0	0	10	67	129	16	0	222
B-2 Modified	0	0	10	67	129	16	0	222
B-3	0	0	3	29	64	6	0	102
B-4	1	27	73	177	203	187	109	777

TABLE 26

SUMMARY OF THE 31-YEAR AVERAGE VALUES OF SUPPLEMENTAL WATER
REQUIRED TO FIRM THE YIELD OF THE ASSUMED RIGHTS OF THE LOCAL WATER
USERS TO THE 1954-55 LEVEL OF DIVERSIONS ALONG THE SACRAMENTO RIVER ABOVE
SACRAMENTO AND IN THE DELTA UPLANDS AND LOWLANDS AND TO FIRM THE YIELD
OF THE ASSUMED RIGHT FOR SALINITY CONTROL AT THE REQUIRED FLOW*

In thousands of acre-feet								
Study	Apr.	May	June	July	Aug.	Sept.	Oct.	Total
A-1	0	19	50	312	406	58	1	846
A-2	0	19	50	312	407	58	1	847
A-2 Modified	0	20	50	312	407	58	1	848
B-1	0	19	50	312	407	98	2	888
B-2	0	20	50	312	407	100	2	891
B-2 Modified	0	20	50	312	407	100	2	891
B-3	0	14	37	248	327	58	0	684
B-4	1	40	94	336	410	199	109	1189

* In Study B-3 the required flow is 2,000 c.f.s. and in all
other studies the required flow is 3,300 c.f.s.

TABLE 27

ILLUSTRATIVE ALLOCATIONS OF
SUPPLEMENTAL WATER REQUIRED FOR IRRIGATION AND MUNICIPAL PURPOSES ALONG THE SACRAMENTO RIVER AND IN THE DELTA
AND UNALLOCATED SUPPLEMENTAL WATER REQUIRED FOR SALINITY CONTROL

Water Users	In thousands of acre-feet							
	: Allocation based on Study : Allocation based on Study				: Allocation based on Study			
	: C-1 parameters applied to : C-2 parameters applied to				: C-2 parameters applied to			
	: the total supplemental : the total supplemental				: the total supplemental			
	: water requirements as : water requirements as				: water requirements as			
	: determined in Studies; : determined in Studies;				: determined in Studies;			
	: A-2	: B-2	: B-3	: B-4	: A-2	: B-2	: B-3	: B-4
<u>Water entities with</u>								
<u>pre-1927 water rights</u>								
<u>along the Sacramento</u>								
Person-Cottonwood I. D.	12.3	20.9	17.9	12.1	11.4	16.9	15.3	11.3
Person-Delevan I. D.	4.0	6.4	5.6	4.0	3.7	5.2	4.8	3.7
Person, Olive Percy et. al.	4.1	6.6	5.7	4.1	4.0	5.8	5.4	4.0
Person-Mutual Water Co.	*	*	*	*	*	*	*	*
Person-Colusa I. D.	80.9	126.5	111.7	79.4	50.9	73.6	67.0	50.1
Person, P. J. and G. J.	*	*	*	*	*	*	*	*
Person-Fern Farms Water Co.	5.8	9.1	7.9	5.7	7.9	11.8	10.6	7.7
Person-Mas Central Mutual	18.8	30.2	26.1	18.4	21.0	34.0	29.2	20.5
Person Co.								
Person-Mas Riverside Mutual	*	*	*	*	*	*	*	*
Person Co.								
Person-Cotton-Codora-Glenn I. D.	8.3	13.0	11.3	8.0	7.8	11.7	10.5	7.6
Person-Ident I. D.	28.3	44.2	38.8	27.7	27.2	40.2	36.3	26.8
Person-Irrigation Dist. 108	24.5	38.1	33.5	23.9	23.4	34.5	31.1	22.9
Person-Irrigation Dist. 1004	8.1	12.8	11.0	7.8	6.0	8.4	7.8	5.9
Person-Fern Farms Co.	3.8	6.0	5.3	3.8	3.7	5.2	4.8	3.7
Person-Sacramento, City of	9.9	15.5	13.7	9.8	7.9	12.0	10.9	7.9
Person-Sher Mutual Water Co.	41.8	66.7	57.8	41.0	48.5	77.8	67.2	47.5
Person-Sibley Irrigation &								
Person Sedge Co.	*	*	*	*	*	*	*	*
Person-Sand Farms Inc.	12.6	20.3	17.7	12.5	14.9	25.4	21.4	14.5
Person-Sand Farms Inc. & Parrott Inv. Co.	0	0	0	0	0	0	0	0
Subtotal	263.2	416.3	364.0	258.2	238.3	362.5	322.3	234.1

relatively small

TABLE 27 (Continued)

ILLUSTRATIVE ALLOCATIONS OF
 SUPPLEMENTAL WATER REQUIRED FOR IRRIGATION AND
 MUNICIPAL PURPOSES ALONG THE SACRAMENTO RIVER AND IN THE DELTA
 AND UNALLOCATED SUPPLEMENTAL WATER REQUIRED FOR SALINITY CONTROL

Water Users	In thousands of acre-feet							
	: Allocation based on Study : Allocation based on Study				: Allocation based on Study			
	: C-1 parameters applied to : C-2 parameters applied to				: C-2 parameters applied to			
	: the total supplemental : the total supplemental				: the total supplemental			
	: water requirements as : water requirements as				: water requirements as			
	: determined in Studies; : determined in Studies;				: determined in Studies;			
	: A-2	: B-2	: B-3	: B-4	: A-2	: B-2	: B-3	: B-4
<u>Major entities with pre-1927 water rights in Delta Uplands</u>								
Banta-Carbona I. D.	16.0	25.3	22.1	15.6	13.7	20.1	18.2	13.5
Byron-Bethany I. D.	4.0	6.4	5.6	3.9	3.7	5.2	4.8	3.7
East Contra Costa I. D.	4.0	6.4	5.6	4.0	3.7	5.2	4.8	3.7
Naglee-Burke I. D.	*	*	*	*	*	*	*	*
Pescadero I. D.	8.0	12.7	11.3	7.9	7.7	11.7	10.5	7.6
Reclamation Dist. 2068	12.3	19.5	17.1	12.2	10.1	14.9	13.6	9.9
West Side I. D.	4.2	6.6	5.7	4.0	3.8	5.3	4.9	3.7
Subtotal	48.5	76.9	67.4	47.6	42.7	62.4	56.8	42.1
<u>Miscellaneous Water Users</u>								
Delta Lowlands	5.8	8.0	7.5	5.7	7.5	10.4	9.7	7.3
Other Appropriators	102.5	167.8	143.1	100.5	131.5	233.7	193.2	128.5
TOTAL FOR IRRIGATION & MUNICIPAL PURPOSES	420.0	669.0	582.0	412.0	420.0	669.0	582.0	412.0
Requirements for salinity control	427.0	222.0	102.0	777.0	427.0	222.0	102.0	777.0
TOTAL	847.0	891.0	684.0	1189.0	847.0	891.0	684.0	1189.0

* Relatively small

TABLE 28
SUMMARY OF ESTIMATED AVERAGE IRRIGATION SEASON VALUES OF
YIELDS, DEFICIENCIES, AND SUPPLEMENTAL WATER REQUIREMENTS
1924 through 1954

In thousands of acre-feet

Item	Study number									
	A-1	A-2	A-2(Mod.) ⁽¹⁾	B-1	B-2	B-2(Mod.) ⁽¹⁾	B-3	B-4	C-1	C-2
YIELDS OF ASSUMED WATER RIGHTS										
Priority Group 1 (Pre-1927 local)										
Above Sacramento	2,011	2,011	2,011	1,372	1,365	1,365	1,507	1,754	(1)	(1)
Delta	1,085	1,085	1,085	1,192	1,192	1,192	1,211	1,242	(1)	(1)
Subtotal	3,096	3,096	3,096	2,564	2,557	2,557	2,718	2,997	2,596	3,021
Salinity Control	960	960	960	1,157	1,157	1,157	742	(2)	1,157	(2)
Subtotal	4,056	4,056	4,056	3,721	3,714	3,714	3,460	2,997	3,753	3,021
Priority Group 2 (1927 State filings assigned to the United States)	1,389	1,248	1,208	1,349	1,212	1,185	1,252	1,297	1,366	1,390
Priority Group 3 (1927 to 1938 local)										
Above Sacramento	17	18	19	18	18	18	20	22	(1)	(1)
Delta	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)	(1)
Subtotal	17	18	19	18	18	18	20	22	19	26
Priority Group 4 (1938 State filings assigned to United States)	154	485	348	170	488	338	586	785	144	676
Priority Group 5 (Post-1938 local)										
Above Sacramento	70	66	55	70	67	57	70	79	(1)	(1)
Delta	41	41	32	42	40	32	42	49	(1)	(1)
Subtotal	113	107	87	112	107	89	112	128	179	205
Salinity Control	(4)	(4)	(4)	(4)	(4)	(4)	(4)	590	(4)	574
Subtotal	113	107	87	112	107	89	112	718	179	779
TOTAL FOR LOCAL WATER USERS	3,226	3,221	3,202	2,694	2,682	2,664	2,850	3,147	2,794	3,252
TOTAL FOR UNITED STATES	1,543	1,733	1,556	1,519	1,700	1,523	1,838	2,082	1,510	2,066
TOTAL FOR SALINITY CONTROL	960	960	960	1,157	1,157	1,157	742	590	1,157	574
DEFICIENCIES⁽⁵⁾										
Local Water Users Above Sacramento	186	186	186	787	791	792	659	434	(1)	(1)
Local Water Users in Delta	295	297	298	197	197	198	174	130	(1)	(1)
Subtotal (Irrigation deficiency)	481	483	484	984	988	990	833	564	1,531 ⁽⁶⁾	1,074 ⁽⁶⁾
Salinity Control	427	427	427	244	244	244	107	782	244 ⁽⁶⁾	826 ⁽⁶⁾
TOTAL	908	910	911	1,228	1,232	1,234	940	1,346	1,775 ⁽⁶⁾	1,900 ⁽⁶⁾
SUPPLEMENTAL WATER REQUIREMENTS⁽⁷⁾										
Local Water Users Above Sacramento	144	144	144	561	563	563	478	322	(8)	(8)
Local Water Users in Delta	275	276	277	105	106	106	104	90	(8)	(8)
Subtotal	419	420	421	666	669	669	582	412	(8)	(8)
Salinity Control	427	427	427	222	222	222	102	777	(8)	(8)
TOTAL	846	847	848	888	891	891	684	1,189	(8)	(8)

(1) Values were not segregated from totals for studies of "C" Series.
(2) Requirement for salinity control was assumed to have a status analogous to a post-1954 appropriative water right in Priority Group 5.
(3) There were no assumed rights for the Delta in Priority Group 3 for studies of the "A" and "B" Series.
(4) Requirement for salinity control was assumed to have a status analogous to riparian water right in Priority Group 1.
(5) Differences between yields of assumed water rights and 1954-55 diversion level and differences between salinity control requirements and water supplies available therefor.
(6) Deficiencies were computed as differences between yields and face values of assumed water rights.
(7) Quantities of water needed to firm yields of assumed water rights to 1954-55 diversion levels and to supplement water supplies available for salinity control to meet full requirements therefor.
(8) Values were not computed for studies of "C" Series.

