

Date: 3/18/2014

MODESTO IRRIGATION DISTRICT

Water Spilled Through Canal System During 2000* In Acre Feet

Location	January	February	March	April	May	June	July	August	September	October	November	December	Total	Spill Used	Return Flows
Lateral 1 @ Airport	116	0	114	593	672	302	0	586	749	404	0	0	3,536	0	3,536
Lateral 1 @ Santa Fe	45	0	1	42	67	163	166	95	21	3	0	0	603	0	603
Lateral 2	69	0	15	67	172	92	71	127	203	238	0	0	1,054	0	1,054
Lateral 3	179	0	177	1,361	1,048	791	1,030	1,229	1,006	603	0	0	7,424	7,424	0
Lateral 4	150	0	14	391	1,074	306	389	587	1,170	872	0	0	4,953	0	4,953
Lateral 5	153	0	201	675	1,062	992	1,497	994	1,027	481	0	0	7,082	0	7,082
Lateral 6	368	0	236	2,046	2,985	2,685	3,014	3,404	3,024	3,123	0	0	20,885	0	20,885
Lateral 7	72	0	123	727	531	404	473	352	511	606	0	0	3,799	3,799	0
Lateral 8	0	0	32	471	1,164	1,042	1,754	1,964	1,958	1,541	0	0	9,926	9,926	0
Butler Ditch	121	0	7	962	353	208	383	502	598	461	0	0	3,595	3,595	0
Main Canal	208	0	108	382	688	333	365	584	727	386	0	0	3,781	0	3,781
Main Drain	220	0	100	2,108	1,388	1,163	1,408	2,260	2,576	2,075	0	0	13,298	13,298	0
Main Canal At Spenker	0	0	0	87	162	49	196	87	61	58	0	0	700	700	0
Waterford Main Canal	109	0	189	160	496	495	609	513	754	606	0	0	3,931	0	3,931
Total Flow @ Recorders	1,810	0	1,317	10,072	11,862	9,025	11,355	13,284	14,385	11,457	0	0	84,567	38,742	45,825
Return Flows To Rivers	1218	0	878	4,356	7,216	5,368	6,111	6,890	7,675	6,113	0	0	45,825	---	---

MODESTO IRRIGATION DISTRICT

Water Spilled Through Canal System During 2001* In Acre Feet

Location	January	February	March	April	May	June	July	August	September	October	November	December	Total	Spill Used	Return Flows
Lateral 1 @ Airport	0	0	65	753	472	228	732	383	578	572	0	0	3,781	0	3,781
Lateral 1 @ Santa Fe	0	0	0	62	57	55	34	11	48	94	0	0	362	0	362
Lateral 2	0	0	34	261	99	132	240	235	169	419	0	0	1,590	0	1,590
Lateral 3	0	0	272	817	816	994	816	1,088	871	1,008	0	0	6,681	6,681	0
Lateral 4	0	0	2	236	639	601	414	124	138	290	0	0	2,445	0	2,445
Lateral 5	0	0	248	371	0	540	1,495	1,421	827	1,108	0	0	6,011	0	6,011
Lateral 6	0	0	759	2,808	3,082	2,634	2,197	2,483	3,383	2,779	0	0	20,124	0	20,124
Lateral 7	0	0	216	710	502	411	371	395	407	814	0	0	3,826	3,826	0
Lateral 8	0	0	0	444	1,025	916	1,171	1,114	1,846	1,395	0	0	7,911	7,911	0
Butler Ditch	0	0	73	361	473	319	249	617	440	591	0	0	3,123	3,123	0
Main Canal	0	0	174	506	605	165	550	206	375	465	0	0	3,046	0	3,046
Main Drain	0	0	309	1,583	2,924	1,181	2,737	1,299	1,131	1,775	0	0	12,940	12,940	0
Main Canal At Spenker	0	0	0	506	37	271	766	58	92	23	0	0	1,751	1,751	0
Waterford Main Canal	0	0	231	621	515	491	413	249	375	463	0	0	3,356	0	3,356
Total Flow @ Recorders	0	0	2,383	10,036	11,247	8,938	12,185	9,683	10,681	11,794	0	0	76,948	36,234	40,714
Return Flows To Rivers	0	0	1,513	5,616	5,469	4,846	6,076	5,111	5,893	6,190	0	0	40,714	---	---

WSID CDO/BBID ACL
WSID0087

MODESTO IRRIGATION DISTRICT

Water Spilled Through Canal System During 2002* In Acre Feet

Location	January	February	March	April	May	June	July	August	September	October	November	December	Total	Spill Used	Return Flows
Lateral 1 @ Airport	0	0	350	679	646	519	699	463	442	358	0	0	4,155	0	4,155
Lateral 1 @ Santa Fe	0	0	11	17	42	23	19	2	3	9	0	0	126	0	126
Lateral 2	0	0	216	190	138	103	38	61	89	301	0	0	1,135	0	1,135
Lateral 3	0	0	560	898	1,115	691	827	1,020	1,042	923	0	0	7,275	7,275	0
Lateral 4	0	0	48	42	292	659	564	518	207	760	0	0	3,089	0	3,089
Lateral 5	0	0	639	833	76	1,252	1,596	1,131	1,343	873	0	0	7,743	0	7,743
Lateral 6	0	0	1,946	2,568	2,734	2,322	2,185	2,739	2,296	2,602	0	0	19,391	0	19,391
Lateral 7	0	0	450	486	541	456	299	622	647	286	0	0	3,787	3,787	0
Lateral 8	0	0	702	1,316	1,412	342	860	1,144	1,181	1,029	0	0	7,984	7,984	0
Butler Ditch	0	0	253	317	480	301	450	586	603	461	0	0	3,451	3,451	0
Main Canal	0	0	91	521	511	359	26	538	359	166	0	0	2,572	0	2,572
Main Drain	0	0	965	2,040	1,756	1,116	1,364	1,313	686	1,309	0	0	10,549	10,549	0
Main Canal At Spenker	0	0	0	0	12	12	672	132	136	60	0	0	1,024	1,024	0
Waterford Main Canal	0	0	385	414	411	291	147	181	229	357	0	0	2,415	0	2,415
Total Flow @ Recorders	0	0	6,616	10,320	10,166	8,647	9,744	10,450	9,262	9,493	0	0	74,697	34,072	40,625
Return Flows To Rivers	0	0	3,686	5,264	4,850	5,529	5,272	5,632	4,967	5,425	0	0	40,625	---	---

MODESTO IRRIGATION DISTRICT

Water Spilled Through Canal System During 2003* In Acre Feet

Location	January	February	March	April	May	June	July	August	September	October	November	December	Total	Spill Used	Return Flows
Lateral 1 @ Airport	0	0	308	301	404	387	371	429	98	195	63	0	2,556	0	2,556
Lateral 1 @ Santa Fe	0	0	7	4	1	1	3	0	6	1	1	0	24	0	24
Lateral 2	0	0	161	314	74	49	226	122	73	84	0	0	1,103	0	1,103
Lateral 3	0	0	727	708	1,066	1,000	1,472	1,326	838	1,496	244	0	8,877	8,877	0
Lateral 4	0	0	89	120	419	274	602	254	604	531	172	0	3,065	0	3,065
Lateral 5	0	0	656	746	368	1,419	1,503	1,424	1,130	709	102	0	8,057	0	8,057
Lateral 6	0	0	1,678	1,889	1,791	2,253	1,608	1,954	1,777	2,259	461	0	15,670	0	15,670
Lateral 7	0	0	279	171	418	412	406	437	534	543	173	0	3,373	3,373	0
Lateral 8	0	0	672	717	643	697	580	1,969	883	632	161	0	6,954	6,954	0
Butler Ditch	0	0	133	189	278	369	449	476	562	328	39	0	2,823	2,823	0
Main Canal	0	0	35	39	203	212	261	222	124	143	7	0	1,266	0	1,266
Main Drain	0	0	422	1,117	919	1,737	1,018	1,050	360	1,254	0	0	7,877	7,877	0
Main Canal At Spenker	0	0	0	0	0	8	314	28	1	0	0	0	351	351	0
Waterford Main Canal	0	0	87	190	223	289	258	260	315	427	138	0	2,187	0	2,187
Total Flow @ Recorders	0	0	5,254	6,505	6,807	9,107	9,091	9,951	7,305	8,602	1,561	0	64,183	30,255	33,928
Return Flows To Rivers	0	0	3,021	3,603	3,483	4,864	4,852	4,665	4,127	4,349	944	0	33,928	---	---

MODESTO IRRIGATION DISTRICT

Water Spilled Through Canal System During 2004* In Acre Feet

Location	January	February	March	April	May	June	July	August	September	October	November	December	Total	Spill Used	Return Flows
Lateral 1 @ Airport	0	0	168	376	527	338	207	298	267	303	0	0	2,484	0	2,484
Lateral 1 @ Santa Fe	0	0	29	13	55	56	51	2	51	8	0	0	265	0	265
Lateral 2	0	0	50	176	96	105	103	186	120	42	0	0	878	0	878
Lateral 3	0	0	553	655	501	1,314	1,401	4,767	898	621	0	0	10,710	10,710	0
Lateral 4	0	0	283	327	127	203	353	135	395	326	0	0	2,149	0	2,149
Lateral 5	0	0	607	159	428	375	987	1,023	1,146	352	0	0	5,077	0	5,077
Lateral 6	0	0	907	2,014	1,337	471	1,325	1,491	1,389	1,842	0	0	10,776	0	10,776
Lateral 7	0	0	241	461	459	221	340	376	259	351	0	0	2,708	2,708	0
Lateral 8	0	0	0	371	512	642	495	682	908	929	0	0	4,539	4,539	0
Butler Ditch	0	0	153	474	445	371	391	435	381	199	0	0	2,849	2,849	0
Main Canal	0	0	141	217	316	236	210	330	183	70	0	0	4,719	0	4,719
Main Drain	0	0	440	907	478	359	624	716	799	396	0	0	205	205	0
Main Canal At Spenker	0	0	0	0	45	61	6	90	3	0	0	0	1,703	1,703	0
Waterford Main Canal	0	0	23	357	360	283	216	309	295	302	0	0	2,145	0	2,145
Total Flow @ Recorders	0	0	3,595	6,507	5,686	5,035	6,709	10,840	7,094	5,741	0	0	51,207	22,714	28,493
Return Flows To Rivers	0	0	2,507	4,329	3,408	2,190	3,866	4,160	4,462	3,571	0	0	28,493	---	---

MODESTO IRRIGATION DISTRICT

Water Spilled Through Canal System During 2005* In Acre Feet

Location	January	February	March	April	May	June	July	August	September	October	November	December	Total	Spill Used	Return Flows
Lateral 1 @ Airport	0	0	0	233	287	444	425	305	388	494	40	0	2,616	0	2,616
Lateral 1 @ Santa Fe	0	0	0	3	0	11	12	0	0	0	6	0	32	0	32
Lateral 2	0	0	0	12	151	138	50	150	137	25	0	0	663	0	663
Lateral 3	0	0	0	869	592	791	1,055	840	1,095	937	141	0	6,320	6,320	0
Lateral 4	0	0	0	275	287	327	523	214	499	758	54	0	2,937	0	2,937
Lateral 5	0	0	0	659	981	841	1,332	986	1,052	1,154	110	0	7,115	0	7,115
Lateral 6	0	0	0	1,084	1,841	1,231	2,185	1,326	3,197	2,482	584	0	13,930	0	13,930
Lateral 7	0	0	0	677	1,118	1,126	1,220	693	397	1,244	63	0	6,538	6,538	0
Lateral 8	0	0	0	1,027	859	933	1,024	593	1,635	1,471	269	0	7,811	7,811	0
Butler Ditch	0	0	0	89	194	510	458	324	336	276	82	0	2,269	2,269	0
Main Canal	0	0	0	82	157	155	370	634	527	37	45	0	2,007	0	2,007
Main Drain	0	0	0	540	723	670	1,186	0	1,847	753	441	0	6,160	6,160	0
Main Canal At Spenker	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waterford Main Canal	0	0	0	157	162	279	346	310	387	393	12	0	2,046	0	2,046
Total Flow @ Recorders	0	0	0	5,707	7,352	7,456	10,186	6,375	11,497	10,024	1,847	0	60,444	29,098	31,346
Return Flows To Rivers	0	0	0	2,505	3,866	3,426	5,243	3,925	6,187	5,343	851	0	31,346	---	---

MODESTO IRRIGATION DISTRICT

Water Spilled Through Canal System During 2006*
In Acre Feet

Location	January	February	March	April	May	June	July	August	September	October	November	December	Total	Spill Used	Return Flows
Lateral 1 @ Airport	0	0	4	143	466	650	659	498	322	325	43	0	3,110	0	3,110
Lateral 1 @ Santa Fe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lateral 2	0	0	0	96	83	94	190	61	240	457	15	0	1,236	0	1,236
Lateral 3	0	0	0	969	848	1,271	1,198	1,518	1,091	1,296	86	0	8,277	8,277	0
Lateral 4	0	0	0	461	280	274	248	750	631	264	0	0	2,908	0	2,908
Lateral 5	0	0	0	589	1,246	1,080	1,383	1,714	1,286	773	101	0	8,152	0	8,152
Lateral 6	0	0	47	3,408	2,456	1,496	2,605	2,962	2,765	2,464	154	0	18,357	0	18,357
Lateral 7	0	0	0	471	794	305	349	1,268	1,678	1,424	0	0	6,289	6,289	0
Lateral 8	0	0	7	629	1,181	1,180	1,334	1,015	1,545	1,572	100	0	8,563	8,563	0
Butler Ditch	0	0	0	247	375	362	258	517	362	590	51	0	2,762	2,762	0
Main Canal	0	0	25	650	419	805	652	1,167	1,212	796	21	0	5,747	0	5,747
Main Drain	0	0	31	1,168	641	366	687	0	750	0	0	0	3,643	3,643	0
Main Canal At Spenker	0	0	19	1,030	0	0	51	0	0	0	0	0	1,100	1,100	0
Waterford Main Canal	0	0	3	159	356	409	278	1,594	339	287	0	0	3,425	0	3,425
Total Flow @ Recorders	0	0	136	10,020	9,145	8,272	9,892	13,064	12,221	10,248	571	0	73,569	30,634	42,935
Return Flows To Rivers	0	0	79	5,506	5,306	4,788	6,015	8,746	6,795	5,366	334	0	42,935	---	---

MODESTO IRRIGATION DISTRICT

Water Spilled Through Canal System During 2007*
In Acre Feet

Location	January	February	March	April	May	June	July	August	September	October	November	December	Total	Spill Used	Return Flows
Lateral 1 @ Airport	0	0	158	292	231	276	284	254	285	169	0	0	1,950	0	1,950
Lateral 1 @ Santa Fe	0	0	0	0	0	0	0	0	0	25	0	0	25	0	25
Lateral 2	0	0	127	140	60	26	69	78	146	168	0	0	814	0	814
Lateral 3	0	0	849	873	154	290	337	471	565	442	0	0	3,980	3,980	0
Lateral 4	0	0	432	538	187	248	241	385	527	612	0	0	3,170	0	3,170
Lateral 5	0	0	386	1,034	518	817	880	1,336	732	n/a	0	0	5,703	0	5,703
Lateral 6	0	0	1,070	2,645	1,019	1,750	1,969	2,066	2,598	2,558	0	0	15,674	0	15,674
Lateral 7	0	0	63	781	507	812	846	1,122	738	676	0	0	5,545	5,545	0
Lateral 8	0	0	615	1,446	983	1,022	1,193	1,568	1,580	1,193	0	0	9,600	9,600	0
Butler Ditch	0	0	0	99	198	237	250	124	87	156	0	0	1,152	1,152	0
Main Canal	0	0	590	703	617	475	593	805	330	277	0	0	4,390	0	4,390
Main Drain	0	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0	0	0	0	0
Main Canal At Spenker	0	0	15	28	101	184	836	140	118	0	0	0	1,421	1,421	0
Waterford Main Canal	0	0	227	370	322	171	208	197	96	27	0	0	1,618	0	1,618
Total Flow @ Recorders	0	0	4,531	8,950	4,896	6,308	7,706	8,545	7,802	6,303	0	0	55,041	21,697	33,344
Return Flows To Rivers	0	0	2,990	5,722	2,954	3,763	4,245	5,120	4,714	3,836	0	0	33,344	---	---

MODESTO IRRIGATION DISTRICT

Water Spilled Through Canal System During 2008*
In Acre Feet

Location	January	February	March	April	May	June	July	August	September	October	November	December	Total	Spill Used	Return Flows
Lateral 1 @ Airport	0	0	156	227	100	146	281	194	125	104	0	0	1,331	0	1,331
Lateral 1 @ Santa Fe	0	0	3	137	416	230	230	269	171	279	0	0	1,736	0	1,736
Lateral 2	0	0	71	165	192	105	117	192	138	182	0	0	1,162	0	1,162
Lateral 3	0	0	170	507	664	260	541	597	345	387	0	0	3,471	3,471	0
Lateral 4	0	0	0	420	396	425	235	405	295	382	0	0	2,559	0	2,559
Lateral 5	0	0	0	1,333	993	925	1,145	1,437	860	930	0	0	7,623	0	7,623
Lateral 6	0	0	0	2,602	2,181	1,880	1,868	2,144	2,477	1,939	0	0	15,091	0	15,091
Lateral 7	0	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0	0	0	0	0
Lateral 8	0	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0	0	0	0	0
Butler Ditch	0	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0	0	0	0	0
Main Canal	0	0	369	716	400	330	614	576	486	231	0	0	3,722	0	3,722
Main Drain	0	0	337	1,031	1,777	1,412	2,044	1,865	1,378	1,605	0	0	11,448	11,448	0
Main Canal At Spenker	0	0	79	17	115	181	33	22	17	55	0	0	518	518	0
Waterford Main Canal	0	0	0	251	267	255	272	219	278	168	0	0	1,709	0	1,709
Total Flow @ Recorders	0	0	1,184	7,406	7,501	6,149	7,380	7,920	6,569	6,262	0	0	50,369	15,437	34,932
Return Flows To Rivers	0	0	599	5,850	4,945	4,296	4,761	5,436	4,830	4,215	0	0	34,932	---	---

Water Spilled Through Canal System During 2009*
In Acre Feet

Location	January	February	March	April	May	June	July	August	September	October	November	December	Total	Spill Used	Return Flows
Lateral 1 @ Airport	0	0	24	108	140	146	306	284	178	210	0	0	1,395	0	1,395
Lateral 1 @ Santa Fe	0	0	37	127	81	112	147	13	81	30	0	0	629	0	629
Lateral 2	0	0	61	144	137	174	161	197	178	256	0	0	1,309	0	1,309
Lateral 3	0	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0	0	0	0	0
Lateral 4	0	0	18	72	318	277	378	273	156	179	0	0	1,672	0	1,672
Lateral 5	0	0	714	506	1,002	859	1,028	1,121	843	784	0	0	6,857	0	6,857
Lateral 6	0	0	530	1,478	1,620	1,476	2,000	2,475	2,414	2,530	0	0	14,522	0	14,522
Lateral 7	0	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0	0	0	0	0
Lateral 8	0	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0	0	0	0	0
Butler Ditch	0	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0	0	0	0	0
Main Canal	0	0	212	235	352	279	391	480	171	101	0	0	2,221	0	2,221
Main Drain	0	0	1,294	1,119	911	1,131	1,149	1,098	1,013	457	0	0	8,171	8,171	0
Main Canal At Spenker	0	0	46	51	9	41	41	26	37	0	0	0	250	250	0
Waterford Main Canal	0	0	174	108	74	134	223	205	131	114	0	0	1,163	0	1,163
Total Flow @ Recorders	0	0	3,109	3,949	4,643	4,630	5,824	6,173	5,201	4,661	0	0	38,189	8,421	29,769
Return Flows To Rivers	0	0	1,769	2,779	3,723	3,459	4,634	5,049	4,151	4,204	0	0	29,769	---	---

MODESTO IRRIGATION DISTRICT
Water Spilled Through Canal System During 2010*
In Acre Feet

Location	January	February	March	April	May	June	July	August	September	October	November	December	Total	Spill Used	Return Flows
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Lateral 1 @ Airport	0	0	0	53	396	316	409	382	327	253	0	0	2,137	0	2,137
Lateral 1 @ Santa Fe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lateral 2	0	0	0	314	282	233	357	464	435	328	0	0	2,412	0	2,412
Lateral 3	0	0	0	0	0	508	327	492	351	614	0	0	2,291	2,291	0
Lateral 4	0	0	3	0	0	18	6	6	11	0	0	0	44	0	44
Lateral 5	0	0	304	918	723	1,272	1,242	1,582	1,310	1,041	0	0	8,392	0	8,392
Lateral 6	0	0	1,105	2,443	2,523	1,565	2,395	2,559	2,866	2,952	0	0	18,406	0	18,406
Lateral 7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lateral 8	0	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0	0	0
Butler Ditch	0	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0	0	0
Main Canal	0	0	0	680	605	356	746	768	655	360	0	0	4,170	0	4,170
Main Drain	0	0	0	874	2,117	900	1,996	2,530	1,743	2,596	0	0	12,757	12,757	0
Main Canal At Spenker	0	0	0	0	0	1	33	22	16	7	0	0	79	79	0
Waterford Main Canal	0	0	111	94	246	289	213	204	308	225	0	0	1,690	0	1,690
Total Flow @ Recorders	0	0	1,523	5,376	6,891	5,458	7,724	9,009	8,021	8,376	0	0	52,378	15,127	37,251
Return Flows To Rivers	0	0	1,523	4,502	4,774	4,049	5,368	5,965	5,912	5,159	0	0	37,251	---	---

MODESTO IRRIGATION DISTRICT
Water Spilled Through Canal System During 2011*
In Acre Feet

Location	January	February	March	April	May	June	July	August	September	October	November	December	Total	Spill Used	Return Flows
Lateral 1 @ Airport	0	0	0	497	491	503	411	458	364	436	464	0	3,624	0	3,624
Lateral 1 @ Santa Fe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lateral 2	0	0	371	446	366	361	93	128	131	135	153	0	2,183	0	2,183
Lateral 3	0	0	370	539	793	677	637	593	703	479	497	0	5,289	5,289	0
Lateral 4	0	0	614	620	621	768	687	638	275	332	133	0	4,688	0	4,688
Lateral 5	0	0	1,800	1,895	2,318	1,674	1,925	1,961	2,008	1,011	1,209	0	15,800	0	15,800
Lateral 6	0	0	1,868	2,567	3,230	2,862	2,605	3,457	3,738	4,147	4,006	0	28,480	0	28,480
Lateral 7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lateral 8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Butler Ditch	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Canal	0	0	1,002	1,028	828	833	617	931	911	644	476	0	7,272	0	7,272
Main Drain	0	0	528	1,727	3,701	3,649	2,324	3,061	2,180	1,527	947	0	19,644	19,644	0
Main Canal At Spenker	0	0	254	15	18	85	66	58	33	3	16	0	548	548	0
Waterford Main Canal	0	0	585	400	518	289	458	488	447	370	442	0	3,996	0	3,996
Total Flow @ Recorders	0	0	7,392	9,734	12,884	11,702	9,822	11,773	10,791	9,084	8,342	0	91,524	25,480	66,044
Return Flows To Rivers	0	0	6,240	7,453	8,372	7,291	6,796	8,060	7,874	7,075	6,883	0	66,044	---	---

MODESTO IRRIGATION DISTRICT
Water Spilled Through Canal System During 2012*
In Acre Feet

Location	January	February	March	April	May	June	July	August	September	October	November	December	Total	Spill Used	Return Flows
Lateral 1 @ Airport	0	0	6	180	241	368	373	358	375	295	0	0	2,196	0	2,196
Lateral 1 @ Santa Fe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lateral 2	0	0	13	65	119	117	147	135	141	159	0	0	896	0	896

Lateral 3	0	0	542	484	603	590	530	546	465	638	0	0	4,398	4,398	0
Lateral 4	0	0	921	671	455	614	510	396	626	683	0	0	4,875	0	4,875
Lateral 5	0	0	691	1,079	1,406	1,996	1,802	1,778	1,485	969	0	0	11,206	0	11,206
Lateral 6	0	0	2,329	3,405	2,812	2,124	2,025	2,384	2,933	2,376	0	0	20,387	0	20,387
Lateral 7	0	0	27	876	825	626	922	928	823	679	0	0	5,706	5,706	0
Lateral 8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Butler Ditch	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Main Canal	0	0	13	785	1,252	1,336	812	1,351	1,151	655	0	0	7,355	0	7,355
Main Drain	0	0	10	2,008	740	631	2,139	1,730	1,684	2,189	0	0	11,131	11,131	0
Main Canal At Spenker	0	0	0	0	8	19	308	91	68	400	0	0	894	894	0
Waterford Main Canal	0	0	601	469	492	433	316	189	214	112	0	0	2,826	0	2,826
Total Flow @ Recorders	0	0	5,153	10,022	8,952	8,853	9,883	9,887	9,964	9,155	0	0	71,869	22,128	49,741
Return Flows To Rivers	0	0	4,574	6,653	6,777	6,987	5,984	6,592	6,924	5,250	0	0	49,741	---	---

MODESTO IRRIGATION DISTRICT

Water Spilled Through Canal System During 2013 In Acre Feet

Location	January	February	March	April	May	June	July	August	September	October	November	December	Total	Spill Used	Return Flows
Lateral 1 @ Airport	0	0	287	232	337	340	373	365	351	401	0	0	2,686	0	2,686
Lateral 1 @ Santa Fe	0	0	1	9	6	4	17	5	1	4	0	0	46	0	46
Lateral 2	0	0	92	154	385	385	417	559	637	414	0	0	3,043	0	3,043
Lateral 3	0	0	655	638	627	775	411	590	457	475	0	0	4,628	4,628	0
Lateral 4	0	0	659	540	432	497	593	719	661	478	0	0	4,579	0	4,579
Lateral 5	0	0	1,122	1,117	1,550	1,479	1,638	1,776	1,288	1,028	0	0	10,998	0	10,998
Lateral 6	0	0	3,314	2,851	2,377	2,002	1,740	2,442	2,688	2,135	0	0	19,549	0	19,549
Lateral 7	0	0	890	626	688	278	807	760	657	661	0	0	5,367	5,367	0
Lateral 8	0	0									0	0	0	0	0
Butler Ditch	0	0									0	0	0	0	0
Main Canal	0	0	871	677	421	639	560	682	365	188	0	0	4,403	0	4,403
Main Drain	0	0	2,684	1,088	1,346	1,429	1,452	1,395	996	864	0	0	11,254	11,254	0
Main Canal At Spenker	0	0	33	26	88	228	44	46	52	0	0	0	517	517	0
Waterford Main Canal	0	0	163	208	173	433	120	196	212	136	0	0	1,641	0	1,641
Total Flow @ Recorders	0	0	10,771	8,166	8,430	8,489	8,172	9,535	8,365	6,783	0	0	68,710	21,766	46,944
Return Flows To Rivers	0	0	6,509	5,788	5,681	5,779	5,458	6,744	6,203	4,783	0	0	46,944	---	---

*Note: Per M.I.D. Records.

- 1 Return Flows To Rivers = Lateral 1 @ Airport + Lateral 1 @ Santa Fe + Lateral 2 + Lateral 4 + Lateral 5 + Lateral 6 + Main Canal + Wtfd Lower Main.
(Lateral #4 Recorder Moved downstream below the Butler Canal in 1991 changing the calculation of Return Flows to Rivers)
- 2 Lateral 8 Spills Into Lateral 6, Which Spills Into The Stanislaus River.
- 3 Butler Ditch Spills Into Lateral 4, Which Spills Into The San Joaquin River.
- 4 Laterals 3 & 7 Spill Into The Main Drain, Which Spills Into Miller Lake. (Miller Lake Has The Ability To Spill Into The Stanislaus River.
M.I.D. Has No Record Of Miller Lake Flows Into The Stanislaus River.)
- 5 Spenker Spill Was Constructed To Spill Oakdale I.D. Water Into The Stanislaus River. Spenker Spill Is Not Part Of M.I.D.'s Operation.
(O.I.D. Spills An Undetermined Amount Of Drainage Into M.I.D.'s System At Various Locations Along M.I.D.'s Main Canal.)
- 6 Surface Water Return Flows = Return Flows To Rivers - Drainage Pumps - Bypass Flood Water.
- 7 Drop leaf Gate Installed on Lateral #4 Spill in Spring of 1993
- 8 Lateral #3 Spill Moved from Drop L3-46 at Gates Road to L3-49 on November 2006
- 9 Operational Recoverable Water = Lateral 1 @ Airport + Lateral 1 @ Santa Fe + Lateral 2 + .75*Lateral 3+ Lateral 4 + Lateral 5 + Lateral 6 + .75*Lateral 7 + Main Canal + Wtfd Lower Main. (Started collecting 2010)
- 10 Note: Some laterals spill into other laterals and are NOT used in the final spill calculation.

MODESTO IRRIGATION DISTRICT
Water Spilled Through Canal System During 2014
In Acre Feet

Location	January	February	March	April	May	June	July	August	September	October	November	December	Total	pill Use	Return Flows
Lateral 1 @ Airport	0	0	0	331	200	157	75	132	153	119	0	0	1,167	0	1,167
Lateral 1 @ Santa Fe	0	0	0	2	37	27	121	5	2	30	0	0	224	0	224
Lateral 2	0	0	0	598	94	68	171	255	161	64	0	0	1,410	0	1,410
Lateral 3	0	0	0	208	142	127	295	559	622	90	0	0	2,043	2,043	0
Lateral 4	0	0	0	146	203	40	193	203	71	0	0	0	856	0	856
Lateral 5	0	0	0	315	444	273	575	854	562	337	0	0	3,360	0	3,360
Lateral 6	0	0	0	1,157	845	566	1,184	1,253	1,445	804	0	0	7,254	0	7,254
Lateral 7	0	0	0	272	313	440	675	652	1,100	672	0	0	4,124	4,124	0
Lateral 8	0	0	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0	0	0	0	0
Butler Ditch	0	0	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0	0	0	0	0
Main Canal	0	0	0	423	210	287	603	888	253	205	0	0	2,869	0	2,869
Main Drain	0	0	0	209	357	246	482	154	2,132	1,561	0	0	5,141	5,141	0
Main Canal At Spenker	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waterford Main Canal	0	0	0	76	51	38	34	36	49	22	0	0	306	0	306
Total Flow @ Recorder:	0	0	0								0	0	28,753	11,308	17,446
Return Flows To Rivers	0	0	0	3,048	2,083	1,456	2,956	3,626	2,696	1,581	0	0	17,446	—	—

*Note: Per M.I.D. Records.

- 1 Return Flows To Rivers = Lateral 1 @ Airport + Lateral 1 @ Santa Fe + Lateral 2 + Lateral 4 + Lateral 5 + Lateral 6 + Main Canal + W/td Lower Main.
(Lateral #4 Recorder Moved downstream below the Butler Canal in 1991 changing the calculation of Return Flows to Rivers)
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(O.I.D. Spills An Undetermined Amount Of Drainage Into M.I.D.'s System At Various Locations Along M.I.D.'s Main Canal.)
- 6 Surface Water Return Flows = Return Flows To Rivers - Drainage Pumps - Bypass Flood Water.
- 7 Drop leaf Gate Installed on Lateral #4 Spill in Spring of 1993
- 8 Lateral #3 Spill Moved from Drop L3-46 at Gates Road to L3-49 on November 2006

MODESTO IRRIGATION DISTRICT

Water Spilled Through Canal System During 2015

In Acre Feet

Location	January	February	March	April	May	June	July	August	September	October	November	December	Total	Spill Used
Lateral 1 @ Airport	0	0	0	50	111	131	78	85	120	228	0	0	803	0
Lateral 1 @ Santa Fe	0	0	0	45	27	33	19	0	0	0	0	0	124	0
Lateral 2	0	0	0	119	31	17	74	0	159	152	0	0	552	0
Lateral 3	0	0	0	102	110	106	114	126	123	322	0	0	1,003	1,003
Lateral 4	0	0	0	17	60	12	32	19	68	1	0	0	209	0
Lateral 5	0	0	0	227	467	397	358	504	293	531	0	0	2,777	0
Lateral 6	0	0	0	620	725	554	887	899	1,137	783	0	0	5,605	0
Lateral 7	0	0	0	620	474	593	537	650	528	551	0	0	3,953	3,953
Lateral 8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0
Butler Ditch	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0
Main Canal	0	0	0	69	234	249	349	344	287	288	0	0	1,820	0
Main Drain	0	0	0	2,179	453	108	1,036	1,145	47	1,422	0	0	6,390	6,390
Main Canal At Spenker	0	0	0	0	0	22	81	48	24	0	0	0	175	175
Waterford Main Canal	0	0	0	13	13	15	22	27	48	132	0	0	270	0
Total Flow @ Recorders	0	0	0	4,061	2,705	2,237	3,587	3,847	2,834	4,410	0	0	23,681	11,521
Return Flows To Rivers	0	0	0	1,160	1,668	1,408	1,819	1,878	2,112	2,115	0	0	12,160	—

*Note: Per M.I.D. Records.

- 1 Return Flows To Rivers = Lateral 1 @ Airport + Lateral 1 @ Santa Fe + Lateral 2 + Lateral 4 + Lateral 5 + Lateral 6 + Main Canal + Wtfd Lower Main.
(Lateral #4 Recorder Moved downstream below the Butler Canal in 1991 changing the calculation of Return Flows to Rivers)
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- 6 Surface Water Return Flows = Return Flows To Rivers - Drainage Pumps - Bypass Flood Water.
- 7 Drop leaf Gate Installed on Lateral #4 Spill in Spring of 1993
- 8 Lateral #3 Spill Moved from Drop L3-46 at Gates Road to L3-49 on November 2006

Modesto Irrigation District
Irrigation Boundary Map
- Ditchtender Areas -

ATTACHMENT 1

Map legend and scale information:

- Scale: 1:50,000
- Logo: M.I.D.
- Legend items:
 - Ditch
 - Irrigation Boundary
 - County Lines
 - Ditchtender Areas:
 - Area 1 (Light Blue)
 - Area 2 (Light Orange)
 - Area 3 (Light Green)
 - Area 4 (Light Purple)
 - Area 5 (Light Yellow)
 - Area 6 (Light Cyan)
 - Area 7 (Light Pink)
 - Ditch Head (Red circle with dot)
 - Ditch Tail (Red circle)

