

Analysis of Runoff Data from Farms in the S5A Basin
Update - 1/29/2010

prepared for
U.S. Department of the Interior

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All Data from EAA Regulatory Rule Database
Compilation of GIS Output Files for Each Year
DRAFT

S5A Farm Ranking Based upon Runoff Concentration

Sorted by Decreasing Median Conc, WY 2005-2009

FWM Concentration ppb

> 300
> 200

NOT DIV
DIVERTED

North S5A Basin contributing to S5A pump station.
South S5A partially diverted to S-6 in 2005-2009; west of G341 on Ocean Canal

94-98 05-09 Reduc
144 256 -77%
324 193 40%

S5A_DIV	UAID	IS298	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Median	Mean	Mean	Reduc			
																			05-09	94-98	05-09	Reduc			
Farm Runoff Contributing to S5A Pump Station																									
NOT DIV	153	AAA	199	125	120	83	108	134	229	723	164	161	143	654	414	1140	776	458	654	127	688	-442%			
NOT DIV	173	AAA			104	47	111	296	230	228	223		86	608	910	713	188	288	608	87	542	-519%			
NOT DIV	182	AAA			165	74	90	147	150		244	244	745	588	276	123	530	269	530	110	357	-225%			
NOT DIV	177	AAA		512	360	362	296	248	446	628	348	228	179	459	520	518	288	477	459	383	452	-18%			
NOT DIV	214	298										309	304	444	483	369	517	679	444	#N/A	498	#N/A			
NOT DIV	167	AAA	316		258	287	197	422	310	176	238	309	304	444	483	369	517	679	444	265	498	-88%			
NOT DIV	180	AAA			199	157	258	284	239	207		217	253	350	545	452	215	267	350	205	366	-79%			
NOT DIV	171	AAA				165	213	255	316	282	212	250	184	328	359				328	189	343	-82%			
NOT DIV	160	AAA	237	290	215	131	134	635	403	340	176	170	303		629	187	229	161	266	202	302	-50%			
NOT DIV	178	AAA	69	74	77	71	43	142	129	203	116	110	106	247	207	1267	385	234	247	67	468	-600%			
NOT DIV	176	AAA			724	550	516	840	768	394	270	348	177	339	238	382	224	206	238	597	278	53%			
NOT DIV	168	AAA	347	419	394	366	213	480	334	470	404	347	267	221	215	181	245	217	221	348	216	38%			
NOT DIV	187	AAA	154	94	135	138	117	131	135	205	165	201	112	266	215	71	275	196	215	127	205	-61%			
NOT DIV	172	AAA	48	49	85	67	51	87	103	155	61	101	47	213	142	1753	602	96	213	60	561	-832%			
NOT DIV	166	AAA	220	196	149	171	118	272	218	297	203	196	104	189	230	204	298	155	204	171	215	-26%			
NOT DIV	170	AAA			106	41	95	101	132	276	111	141	69	215	200	333	162	253	200	81	232	-188%			
NOT DIV	130	AAA			78	40	80	112	173	188	85	79	197	66	78	194	223	421	194	66	196	-198%			
NOT DIV	175	AAA			85	141	110	122	150	332	105	112	98	189	156	191	218	173	189	112	185	-65%			
NOT DIV	188	AAA	181	204	297	219	137	420	301	317	227	210	157	178	179	169	226	158	178	207	182	12%			
NOT DIV	165	AAA	129	130	99	123	100	270	150	215	228	223	143	172	139	272	215	164	172	116	192	-66%			
NOT DIV	152	AAA	228	169	136	65	142	191	179	283	180	158	169	256	117	64	228	137	169	148	160	-8%			
NOT DIV	185	AAA			148	144		279	331	361	344	402	273	234	297	166	145	142	138	166	191	178	7%		
NOT DIV	122	AAA	275	348	230	166	103					209	137	264	159				159	224	212	6%			
NOT DIV	155	AAA			104	109	79	111	151	72	75	108	64	161	126	147	135	250	135	97	164	-68%			
NOT DIV	179	AAA	71	50	115	70	54	122	127	78	133	146	81	157	122	124	116	138	122	72	131	-82%			
NOT DIV	135	AAA		203	180	254	129	145	153	72	45	76	91	111	197	112	136	90	112	191	129	33%			
NOT DIV	127	AAA			100	52	66	86	108	132	85	78	61	178	117	111	87	152	111	73	129	-78%			
NOT DIV	181	AAA			83	88	179	82	78	56	85	69	142	266		88	108	104	108	86	142	-65%			
NOT DIV	186	AAA	146	61	80	113	70	101	152	94	89	94	105	237	267	74	81	147	105	94	161	-71%			
NOT DIV	183	AAA		161	79	102	92	134	250		250	175	63	125	69	87	137	91	87	108	102	6%			
NOT DIV	208	AAA						226	160	184	79	59	73	102	72	86	284	301	86	#N/A	169	#N/A			
NOT DIV	184	AAA		147		97	74	77	67	291	106	281	33	106	55	56	132	104	56	106	91	14%			
Farm Runoff Diverted to S6 Basin in 2005																									
DIVERTED	115	AAA	259	313	335	780	205	281	358	466	235	309	229		377				303	378	377	0%			
DIVERTED	116	AAA	529	276	247	258	161	223	222	197	213	239	193	210	390	341	249	183	249	294	275	7%			
DIVERTED	114	AAA	474	629	525	612	554	457	496	271	492	237	185	301	165				185	559	233	58%			
DIVERTED	129	AAA	351	217	242	201	215	317	228	306	207	173	143	257	220	171	178	148	178	245	195	21%			
DIVERTED	113	AAA				168	155	42	35	48	35	111	103	174	118	150	153	132	150	161	145	10%			
DIVERTED	134	AAA	196	84	188	103	113	141	128	117	109	127	81	133	105	168	202	325	133	137	187	-36%			
DIVERTED	132	AAA		201	153	144	101	149	182		95	76	87	191	180	69	78	150	87	150	134	11%			
NOT DIV - ALL			150	146	161	139	127	202	197	218	145	175	150	258	261	312	219	229	258	144	256	-77%			
NOT DIV - Excluding 298			150	146	161	139	127	202	197	218	145	165	136	245	246	309	206	205	245	144	242	-68%			
DIV-ALL			448	331	299	318	223	222	187	186	161	177	148	201	235	197	172	157	197	324	193	40%			
ALL			222	191	179	182	148	207	195	210	149	175	150	247	256	285	211	216	247	184	243	-32%			
ALL - Excluding 298			222	191	179	182	148	207	195	210	149	167	138	237	243	281	200	196	237	184	231	-26%			

SSA Farm Ranking Based upon Adjusted Unit Area Load

Sorted by Decreasing Median AUAL, WY 2005-2009

Rainfall-Adjusted Unit Area Load lb/scre-yr

> 3.0 NOT DIV North SSA Basin contributing to SSA pump station. 94-98 05-09 Reduc 1.0 1.5 -48%

> 1.5 DIVERTED South SSA partially diverted to S-6 in 2005-2009; west of G341 on Ocean Canal 3.3 1.3 59%

SSA_DIV	UAID	IS298	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Median	Mean	Mean	Reduc			
																			05-09	94-98	05-09				
Farm Runoff Contributing to SSA Pump Station																									
NOT DIV	177	EAA		6.5	5.1	7.4	5.0	3.3	5.6	5.8	4.8	4.2	1.8	3.4	5.6	5.9	6.7	2.8	5.6	6.0	4.9	18%			
NOT DIV	208	EAA						4.6	6.5	24.1	18.4	14.1	7.3	2.8	4.7	5.3	16.5	6.6	5.3	#N/A	7.2	#N/A			
NOT DIV	178	EAA	0.2	0.4	0.3	0.8	0.5	2.4	1.1	1.0	1.5	1.7	1.0	1.3	2.9	10.0	7.9	1.5	2.9	0.4	4.7	-1014%			
NOT DIV	182	EAA			0.9	0.3	0.4	1.1	1.0		2.6	2.9	4.3	2.5	3.5	0.7	3.5	0.7	2.5	0.5	2.2	-299%			
NOT DIV	173	EAA			0.3	0.2	0.5	0.9	0.7	0.6	0.6		0.3	1.9	7.9	4.8	2.4	1.3	2.4	0.3	3.7	-991%			
NOT DIV	172	EAA	0.9	0.5	0.7	1.1	0.6	1.0	0.6	0.9	0.7		1.1	0.4	1.4	2.4	22.2	14.1	2.4	0.8	8.1	-946%			
NOT DIV	214	298											3.5	2.7	2.1	5.3	2.0	3.6	2.2	2.2	#N/A	3.0	#N/A		
NOT DIV	167	EAA	6.6		1.5	3.7	2.2	2.1	1.7	0.4	1.2		3.5	2.7	2.1	5.3	2.0	3.6	2.2	2.2	3.5	3.0	15%		
NOT DIV	171	EAA				1.2	1.4	1.7	1.1	0.8	0.8	1.3	1.1	1.1	2.5				1.8	1.3	1.8	-37%			
NOT DIV	176	EAA			2.7	6.8	2.4	4.4	4.6	1.9	2.2	3.0	1.1	1.3	1.7	2.9	2.9	1.2	1.7	3.9	2.0	49%			
NOT DIV	153	EAA	1.9	0.6	0.3	0.9	0.6	0.7	0.9	1.2	1.0	1.1	0.5	1.6	1.5	1.8	2.2	0.5	1.6	0.9	1.5	-75%			
NOT DIV	180	EAA			1.2	0.8	1.5	1.7	1.2	0.6		1.6	1.2	1.6	4.3	1.6	1.4	0.6	1.6	1.2	1.9	-61%			
NOT DIV	127	EAA			0.5	0.5	0.2	0.5	0.5	0.6	0.5	0.9	0.5	0.9	1.9	1.3	1.7	0.9	1.3	0.4	1.4	-234%			
NOT DIV	187	EAA	1.5	0.5	0.7	0.5	0.8	0.8	0.6	0.8	0.7	1.8	0.5	1.2	2.3	0.3	2.1	0.7	1.2	0.8	1.3	-66%			
NOT DIV	185	EAA			0.6	0.5	1.0	2.0	2.0	0.5	2.5	2.3	1.1	1.9	1.7	1.1	0.4	0.5	1.1	0.7	1.1	-65%			
NOT DIV	166	EAA	1.7	0.8	0.5	0.9	0.5	1.3	0.9	1.8	1.1	1.8	0.6	0.7	1.8	1.0	1.1	0.3	1.0	0.9	1.0	-10%			
NOT DIV	160	EAA	2.0	1.0	0.4	0.5	0.3	3.5	1.4	0.6	0.7	0.7	1.2		1.8	0.7	1.3	0.2	1.0	0.8	1.0	-18%			
NOT DIV	175	EAA			0.6	1.3	0.6	0.6	0.6	0.4	0.6	0.7	0.4	0.6	1.2	0.9	3.3	0.9	0.9	0.8	1.4	-65%			
NOT DIV	165	EAA	1.5	0.6	0.4	0.8	0.6	1.5	0.6	0.7	1.0	1.5	0.8	0.6	0.9	1.1	1.0	0.4	0.9	0.8	0.8	-4%			
NOT DIV	170	EAA			0.4	0.4	0.7	0.5	0.5	1.4	0.7	0.6	0.2	0.4	0.9	1.8	1.1	0.8	0.9	0.5	1.0	-100%			
NOT DIV	155	EAA			0.3	0.9	0.5	0.5	0.5	0.2	0.4	1.1	0.3	0.6	1.2	0.8	1.1	0.7	0.8	0.5	0.9	-59%			
NOT DIV	181	EAA			0.6	0.5	1.4	0.5	0.4	0.5	1.0	0.6	0.8	2.6	0.4	1.2	0.3		0.8	0.6	1.0	-90%			
NOT DIV	188	EAA	1.4	0.7	1.2	0.8	0.6	2.0	1.4	1.0	0.8	1.7	0.7	0.7	1.7	0.6	1.2	0.4	0.7	0.9	0.9	0%			
NOT DIV	186	EAA	1.9	0.3	0.4	0.7	0.7	0.6	1.0	0.5	0.6	1.0	0.7	1.2	3.7	0.4	0.7	0.7	0.7	0.8	1.3	-65%			
NOT DIV	179	EAA	1.1	0.4	0.7	0.8	0.5	1.0	0.9	0.3	1.2	1.5	0.5	0.7	1.2	0.7	1.6	0.5	0.7	0.7	0.9	-35%			
NOT DIV	168	EAA	2.8	1.2	1.3	1.8	1.5	1.9	1.4	1.0	0.7	1.4	1.1	0.6	1.0	0.5	0.9	0.4	0.6	1.7	0.7	61%			
NOT DIV	130	EAA			0.2	0.2	0.4	0.2	0.4	0.4	0.5	0.0	0.1	0.0	0.1	0.6	0.9	0.5	0.5	0.3	0.4	-59%			
NOT DIV	135	EAA			1.1	0.3	1.3	0.6	0.9	0.2	0.2	0.3	0.5	0.4	0.5	1.3	0.2	1.2	0.5	0.8	0.7	16%			
NOT DIV	152	EAA	1.9	0.7	0.3	0.4	0.6	0.8	0.6	0.6	0.8	1.2	0.5	0.5	0.5	0.2	2.0	0.3	0.5	0.8	0.7	11%			
NOT DIV	183	EAA			1.9	0.6	0.5	0.8	1.3	2.1	2.8	2.3	0.2	0.3	0.2	0.4	0.8	0.3	0.3	1.0	0.4	58%			
NOT DIV	184	EAA			0.7	0.3	0.4	0.4	0.3	6.3	1.6	5.0	0.2	0.5	0.3	0.3	0.8	0.3	0.3	0.5	0.4	13%			
NOT DIV	122	EAA	3.1	2.1	1.0	1.0	0.5					1.3	0.3	0.3	0.1				0.2	1.5	0.2	84%			
Farm Runoff Diverted to S6 Basin in 2005																									
DIVERTED	116	EAA	8.0	1.9	1.2	2.5	1.1	2.2	1.0	1.9	2.7	3.3	1.4	1.2	5.2	3.1	2.8	0.8	2.8	3.0	2.6	11%			
DIVERTED	115	EAA	2.9	1.9	1.2	9.1	1.7	2.4	2.4	3.4	1.6	2.7	1.3		2.4				2.4	3.4	2.4	28%			
DIVERTED	129	EAA	8.0	1.9	1.6	2.1	2.5	3.8	1.6	2.5	2.0	1.9	0.7	1.1	1.6	1.7	1.4	0.4	1.4	3.2	1.2	62%			
DIVERTED	113	EAA			1.3	1.2	0.2	0.2	0.2	0.2	1.0	0.5	0.7	1.6	1.1	1.3	0.5		1.1	1.2	1.0	15%			
DIVERTED	114	EAA	12.8	8.3	4.4	13.1	10.2	6.4	3.3	1.0	3.3	1.0	0.4	0.9	0.7				0.8	9.8	0.8	92%			
DIVERTED	134	EAA	2.4	0.5	0.9	1.4	0.9	1.0	0.9	0.6	0.6	0.7	0.5	0.5	0.8	1.1	1.6	0.7	0.8	1.2	0.9	24%			
DIVERTED	132	EAA			0.8	0.3	0.5	0.9	1.7	1.1		0.4	0.3	0.3	1.2	0.7	0.4	0.3	0.7	0.6	0.7	-9%			
NOT DIV - ALL			1.7	0.8	0.8	1.0	0.8	1.2	1.0	0.9	1.0	1.6	0.9	1.0	2.3	1.6	1.9	0.8	1.6	1.0	1.5	-48%			
NOT DIV - Excluding 298			1.7	0.8	0.8	1.0	0.8	1.2	1.0	0.9	1.0	1.5	0.8	1.0	2.2	1.6	1.8	0.7	1.6	1.0	1.5	-40%			
DIV-ALL			7.6	2.4	1.5	3.0	1.9	1.8	1.0	1.3	1.2	1.5	0.7	1.0	2.2	1.5	1.4	0.6	1.4	3.3	1.3	59%			
ALL			2.8	1.1	0.9	1.4	1.0	1.3	1.0	1.0	1.0	1.6	0.8	1.0	2.3	1.6	1.8	0.7	1.6	1.4	1.5	-4%			
ALL - Excluding 298			2.8	1.1	0.9	1.4	1.0	1.3	1.0	1.0	1.0	1.5	0.7	1.0	2.2	1.6	1.8	0.7	1.6	1.4	1.4	1%			

Adjusted Unit Area Loads for 2009 are uncertain because rainfall statistics were outside of the calibration range for the rainfall-adjustment model.

Farm Runoff TP Load

Farms Currently Contributing to SSA Pump Station

Sorted by Decreasing Load, 2005-2009

> 8000
> 4000

Not Adjusted for Rainfall Variations

Total = 144772 lbs = 65.8 metric tons/yr

Median

UAID	BASIN	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2005-2009	Cum %
214	298										13601	15975	26079	19392	10197	10047	22371	19392	100%
180	EAA			26665	8144	20410	15388	23199	5993		14346	16456	46809	35971	18769	9098	14945	18769	87%
177	EAA		22717	14441	9508	9467	4151	14439	7982	8828	5182	3321	13804	6583	9620	6051	9315	9315	74%
186	EAA	9173	4720	5378	3685	5858	3329	10936	2733	4956	5283	5392	20489	17747	2516	2603	9258	9258	67%
187	EAA	6528	5923	7173	2504	5872	3547	6208	3892	4955	8338	3782	17998	9916	1606	6819	8876	8876	61%
179	EAA	6841	7647	11744	5938	5644	7346	13828	2235	13032	10791	5140	14850	8078	6426	8359	10017	8359	55%
165	EAA	10582	12525	6718	5813	6716	10807	8641	5957	10944	10627	8258	13254	6132	10855	5431	8062	8062	49%
170	EAA			6074	2213	6119	2864	6702	9382	5863	3509	1480	7184	6073	17635	6014	15050	7184	43%
172	EAA	1145	1826	2217	1432	1194	1352	1687	1249	1351	1446	754	5786	2896	37827	13145	526	5786	38%
166	EAA	7113	10388	5499	4286	3485	5887	8708	8627	7342	7746	3856	9826	7574	5736	3485	3928	5736	34%
127	EAA			1325	629	955	2334	4449	3222	3475	2490	2167	8735	5165	4976	3477	7161	5165	30%
176	EAA			6194	7122	3611	4394	9548	2040	3223	3455	2774	7339	2710	6351	3573	5141	5141	27%
173	EAA			459	194	582	657	1123	505	675		383	4630	5563	4731	1300	2478	4630	23%
167	EAA	5824		3282	3565	3161	1971	3261	405	1591	3128	3675	5999	4460	2345	2311	5146	4460	20%
175	EAA			2861	2802	1836	1272	2543	906	1975	1500	1373	3761	2272	2461	4856	4571	3761	17%
171	EAA				1866	3143	2482	3276	1293	1865	2061	2493	5345	598				2971	14%
155	EAA			1286	1598	1920	1734	3521	735	2317	2957	1378	4908	2938	2917	2104	4991	2938	12%
188	EAA	3510	5204	7439	2093	2250	5080	7667	2931	3045	4290	2785	6165	4025	1852	2198	2883	2883	10%
178	EAA	94	573	277	369	331	1135	1116	516	1037	768	692	1912	1278	6091	2625	1852	1912	8%
168	EAA	5384	7223	6087	3726	4604	3938	5730	2271	2144	2849	3200	3662	1908	1244	1292	2179	1908	7%
208	EAA						440	1278	3058	4420	2248	1770	1451	699	1126	1467	1624	1451	6%
182	EAA			1147	201	366	595	1109		2145	1579	3620	4421	1803	504	1397	1091	1397	5%
181	EAA				806	1132	1982	1383	670	1030	1344	1177	3453	3332	798	1169	964	1169	4%
153	EAA	1189	1086	510	603	591	463	1194	895	917	683	499	3410	901	1560	1001	854	1001	3%
160	EAA	1876	2927	1048	495	445	3562	2851	688	1123	691	1763		1700	883	934	522	908	2%
130	EAA			417	216	593	180	765	459	663	32	125	103	72	708	619	1379	619	2%
152	EAA	1358	1530	532	319	663	559	845	441	843	822	534	1234	318	177	1046	577	577	1%
185	EAA			337	116	368	498	1022	126	907	554	385	1485	389	340	60	343	343	1%
135	EAA		931	237	414	292	291	104	68	129	144	180	503	344	66	263	184	263	1%
122	EAA	2958	6032	2231	1077	1470					459	173	397	45				221	0%
183	EAA		2164	554	221	472	524	1755		1634	868	127	416	81	200	214	288	214	0%
184	EAA		358		59	101	66	114	1189	403	832	51	260	43	58	102	112	102	0%

Adjusted Load lbs

> 8000

> 4000

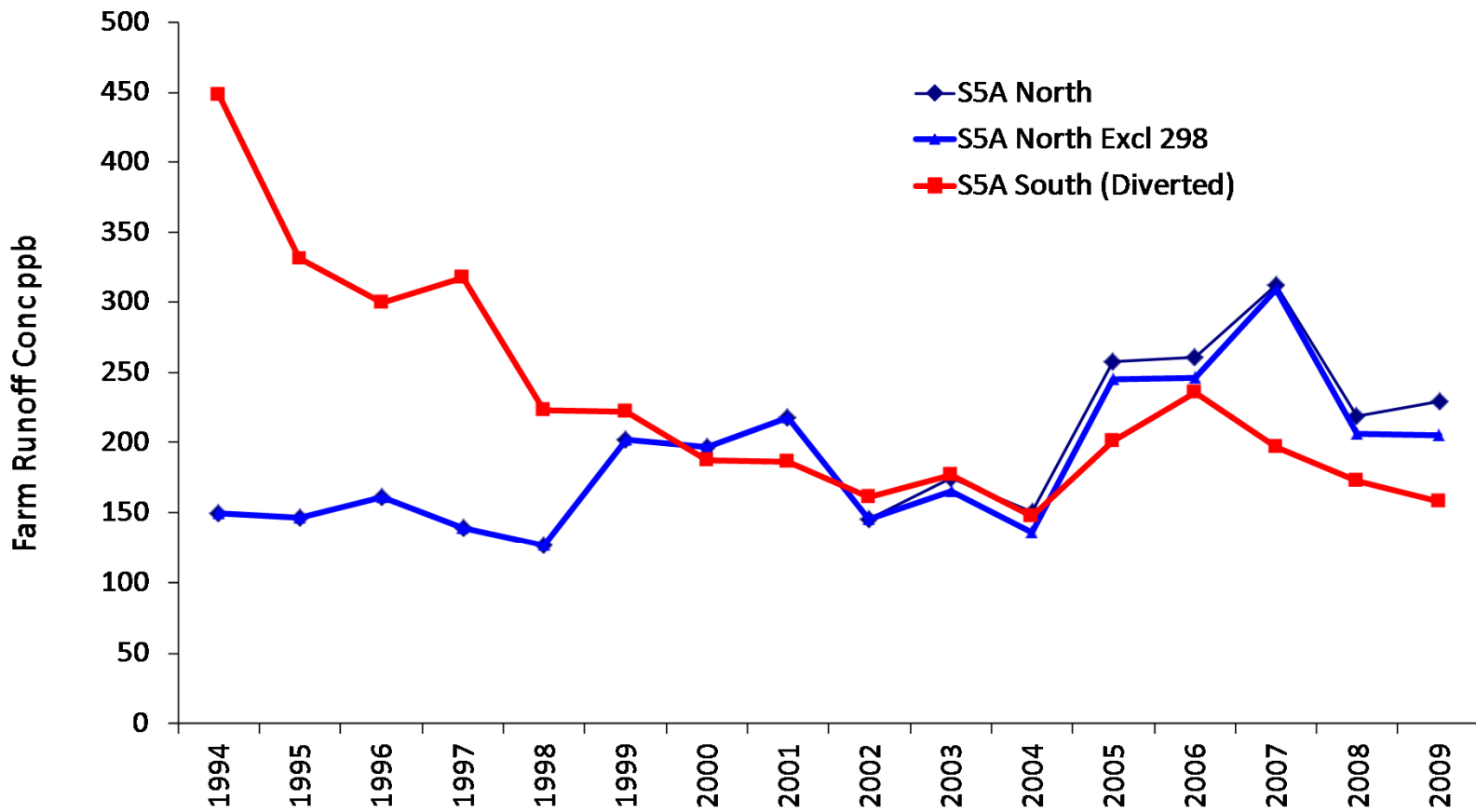
Farms Currently Contributing to SSA Pump Station

Sorted by Decreasing Load, 2005-2009

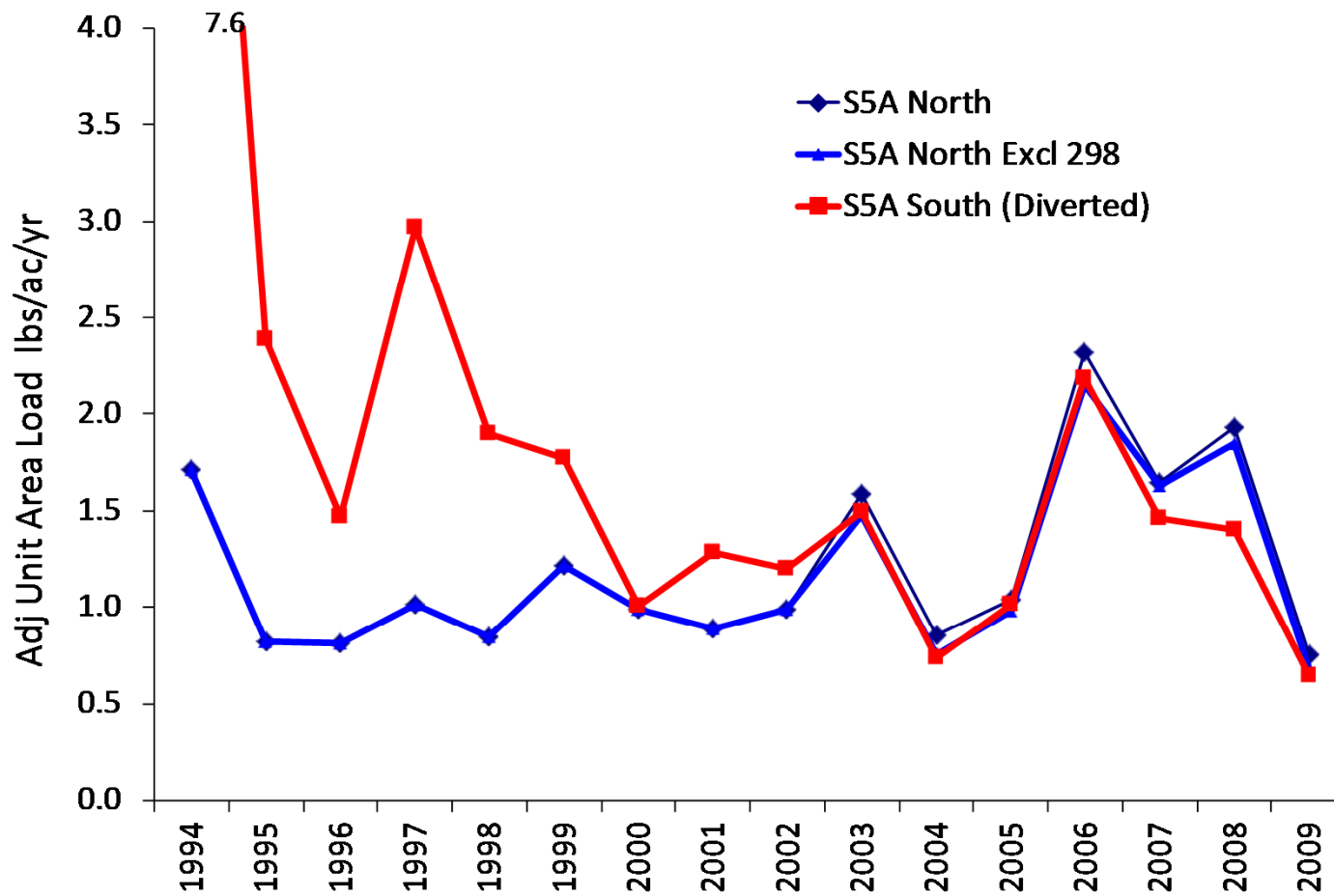
Total = 116893 lbs = 53.1 metric tons

UAID	BASIN																Median		Cum %	
		1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2005-2009		
180	AAA			14658	9936	16780	19359	14119	6872			18546	13968	18581	49287	18268	16197	7278	18268	100%
214	298											17582	13560	10352	26571	9925	17887	10895	10895	84%
177	AAA		10176	7939	11600	7783	5222	8787	9154	7543	6699	2819	5479		9020	9364	10772	4536	9020	75%
165	AAA	14259	5611	3693	7091	5521	13596	5259	6832	9352	13738	7009	5261		8401	10566	9668	3926	8401	67%
170	AAA			3339	2700	5030	3603	4079	10759	5010	4537	1256	2852		8321	17165	10706	7330	8321	60%
187	AAA	8797	2654	3943	3055	4828	4462	3778	4463	4234	10779	3210	7144		13587	1564	12140	4323	7144	53%
179	AAA	9219	3426	6456	7244	4640	9242	8415	2563	11136	13950	4363	5895		11068	6254	14881	4879	6254	47%
166	AAA	9584	4653	3023	5229	2865	7406	5300	9893	6274	10013	3273	3900		10378	5584	6203	1913	5584	42%
127	AAA			728	767	785	2936	2708	3695	2969	3219	1839	3467		7076	4843	6190	3488	4843	37%
186	AAA	12361	2114	2956	4495	4816	4188	6655	3134	4235	6829	4577	8133	24317	2449	4633	4509	4633	4633	33%
172	AAA	1543	818	1219	1747	982	1700	1026	1432	1154	1869	640	2297		3968	36820	23401	256	3968	29%
176	AAA			3405	8688	2969	5528	5811	2339	2754	4466	2354	2913		3713	6182	6360	2504	3713	25%
155	AAA			707	1949	1578	2181	2143	843	1980	3823	1170	1948		4026	2839	3746	2431	2839	22%
167	AAA	7848		1804	4350	2599	2480	1985	464	1359	4044	3119	2381		6112	2283	4114	2506	2506	20%
188	AAA	4729	2331	4090	2554	1850	6392	4666	3361	2602	5546	2364	2447		5515	1803	3913	1404	2447	18%
175	AAA			1573	3419	1510	1601	1547	1039	1687	1938	1165	1493		3113	2395	8644	2226	2395	15%
173	AAA			252	236	478	827	683	579	577		325	1838		7622	4605	2315	1207	2315	13%
182	AAA			630	245	301	749	675		1833	2041	3073	1755		2470	491	2487	531	1755	11%
178	AAA	126	257	152	450	272	1428	679	592	886	992	587	759		1751	5929	4674	902	1751	10%
171	AAA				2277	2584	3122	1994	1483	1594	2664	2116	2122		819				1470	8%
168	AAA	7254	3236	3346	4546	3785	4955	3487	2604	1832	3683	2716	1454		2615	1211	2299	1061	1454	7%
181	AAA				984	930	2493	842	768	880	1737	999	2493		4565	777	2081	470	1371	6%
153	AAA	1602	486	280	736	486	582	726	1027	783	882	424	1354		1234	1519	1782	416	1354	5%
160	AAA	2528	1311	576	604	366	4482	1735	789	960	893	1496			2329	859	1662	254	1261	4%
208	AAA						554	778	3507	3777	2906	1502	576		958	1096	2612	791	958	3%
130	AAA			229	264	487	226	465	526	566	41	106	41		98	689	1102	672	672	2%
152	AAA	1829	685	292	389	545	703	514	506	720	1062	453	490		436	173	1863	281	436	1%
185	AAA			185	142	303	627	622	144	775	716	327	589		533	330	107	167	330	1%
135	AAA		417	130	505	240	366	63	78	110	187	153	200		471	64	468	89	200	0%
183	AAA		969	304	269	388	660	1068		1396	1122	108	165		111	195	380	140	165	0%
122	AAA	3985	2702	1226	1313	1209					594	147	158		62				110	0%
184	AAA		160		72	83	82	69	1364	344	1075	44	103		59	56	182	55	59	0%

Adjusted Unit Area Loads for 2009 are uncertain because rainfall statistics were outside of the calibration range for the rainfall-adjustment model.



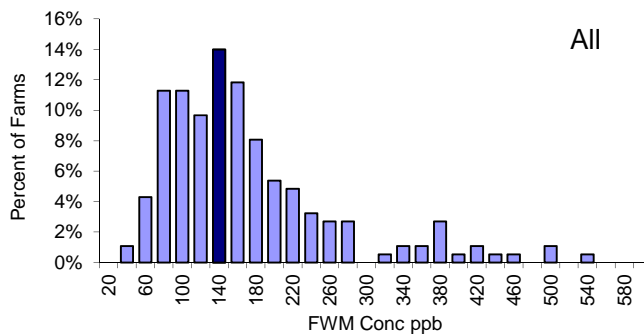
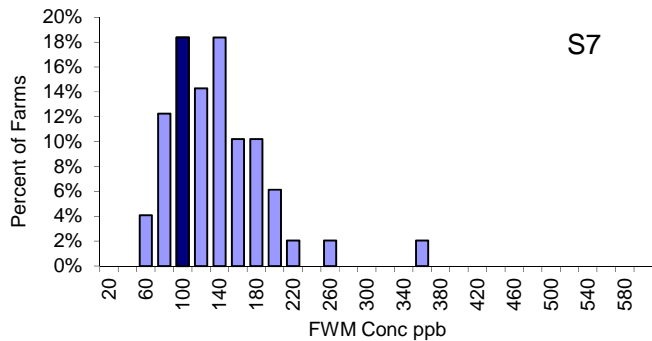
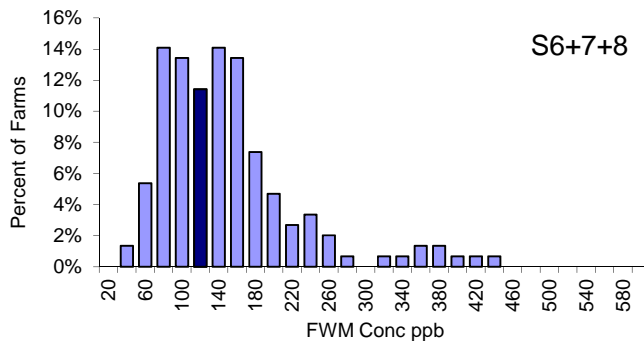
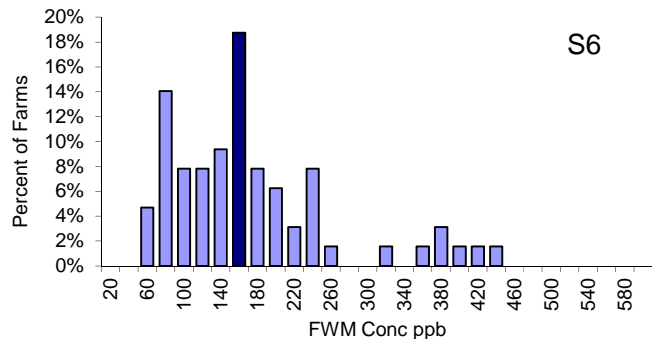
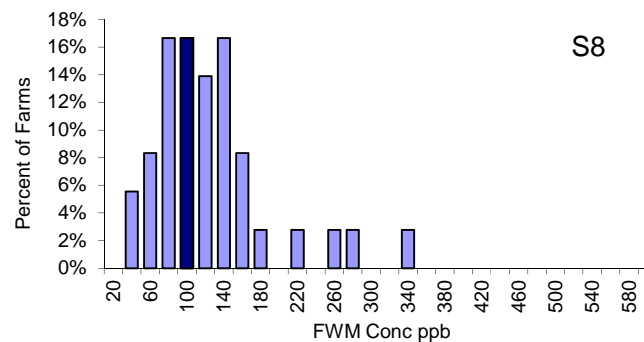
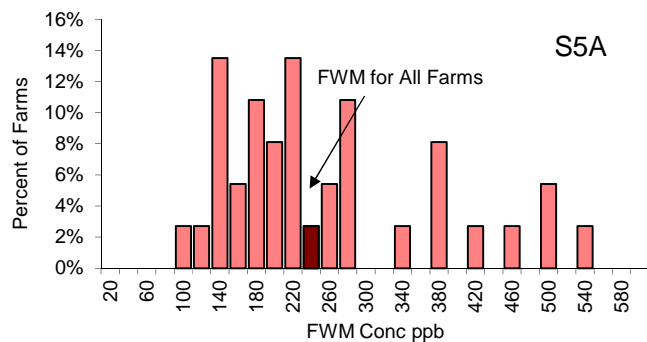
Incomplete Data, 1994-1995



Incomplete Data, 1994-1995

Results for 2009 uncertain because rainfall statistics were outside of the calibration range of the model used to adjust P loads for variations in rainfall

Frequency Distribution of Farm Runoff Concentrations, WY 2005-2009



Darker bars indicate combined FWM concentration across all farms in basin. Includes 298 Districts.

