



U.S. Department of the Interior
U.S. Geological Survey

Arizona Water Science Center Yuma Field Office

Lower Colorado River Diversions and Returns

*Provisional Data for
April 2007*

On the Web at: <http://az.water.usgs.gov/pubs/yuma.htm>

UNITED STATES DEPARTMENT OF THE INTERIOR - GEOLOGICAL SURVEY - WATER RESOURCES DIVISION

Lower Colorado River - Diversions and Return Flows - Provisional Data

Mean Daily Discharge in Cubic feet per second , except as noted by #.

	Colorado River at Lees Ferry	Paria River at Lees Ferry	Colorado River near Grand Canyon	Colorado River below Hoover Dam	Colorado River below Davis Dam	Topock Marsh Inlet near Needles, Ca	Topock Marsh Outlet near Needles, Ca	Colorado River Aquaduct near Parker Dam	Bill Williams River below Alamo Dam	Bill Williams River near Parker Dam	CAP Canal at Havasu Pumping Plant
Day	09380000	09382000	09402500	*09421500	09423000	09423550	*09423650	#09424150	09426000	09426620	#09426650
1	9420	17	9850	12100	15900	76	0	1550	39	20	5830
2	10600	14	10000	17500	18500	100	0	1540	39	20	5840
3	10600	12	11200	18900	19100	109	0	1560	39	19	5590
4	10600	11	11200	17300	19300	126	0	2450	40	19	5820
5	10600	9.8	11200	18100	18100	99	0	2320	40	19	5730
6	10600	9.4	11100	16900	18200	97	0	2320	40	19	5030
7	9840	6.9	11200	15900	17000	92	0	2320	40	19	5570
8	9380	4.9	10300	13000	16500	85	0	1570	41	19	5570
9	10500	3	9840	17600	18100	91	0	1570	496	18	5720
10	10600	2.6	11000	21400	17100	102	0	1660	467	36	5810
11	10700	2.6	11200	20400	16200	76	0	3030	18	106	5940
12	10600	5	11200	17500	17000	108	0	3050	18	38	6010
13	10600	11	11100	23600	16000	109	0	3070	18	26	6010
14	9850	8.7	11100	22200	17000	86	0	3090	18	22	6010
15	9350	7.5	10300	17400	16300	123	0	2970	18	21	6000
16	10500	4.8	9790	20900	16700	114	0	3020	18	20	6000
17	10700	3.5	11100	18300	19200	104	0	3050	18	20	5990
18	10700	2.4	11200	16700	20600	153	4.5	2940	18	19	5990
19	10600	2.3	11200	18500	22100	164	0	3010	18	19	5990
20	10500	2.2	11100	18900	19800	161	0	2510	18	19	4000
21	9950	2	11100	15600	18300	95	0	2500	18	19	3030
22	9390	2.2	10400	14900	15200	109	0	2580	18	19	4810
23	10500	9.9	9880	16700	15200	66	0	2470	18	18	4810
24	10500	11	11100	19900	16600	97	0	3120	12	18	4810
25	10300	20	10900	19900	16900	97	0	2920	11	18	4810
26	10300	16	10800	20900	18700	123	0	3030	17	18	4810
27	10300	12	10800	25300	18300	116	0	3030	24	18	4810
28	9600	11	10800	17700	18100	111	0	2520	25	18	4820
29	9180	11	10100	17800	18700	120	0	2530	68	18	4820
30	10300	8.5	9660	19100	18800	126	0	2520	8	17	4820
TOTAL	307160	244.2	321720	550900	533500	3235	4.5	75820	1680	699	160800
MEAN	10239	8	10724	18363	17783	108	0	56	56	23	
ACFT	609252	484	638132	1092710	1058197	6417	9	3332	3332	1386	

*Data furnished by other agencies

#Data furnished by other agencies in acre-feet

UNITED STATES DEPARTMENT OF THE INTERIOR - GEOLOGICAL SURVEY - WATER RESOURCES DIVISION

Lower Colorado River - Diversions and Return Flows - Provisional Data

Mean Daily Discharge in Cubic feet per second , except as noted by #.

	Colorado River below Parker Dam	Colorado River Indian Reservation Main Canal	Gardner Lateral Spill near Parker AZ	Upper Main Drain near Poston AZ	CRIR Poston Wasteway near Poston AZ	CRIR Poston Wasteway Spill Gates	Palo Verde Canal near Blythe CA	Palo Verde Drain near Blythe CA	Lower Main Drain near Blythe CA	Colorado River below Palo Verde Dam	PVID Olive Lake Drain near Blythe CA
Day	09427520	09428500	09428505	09428508	09428510	*09428511	09429000	09429030	09429060	09429100	*09429130
1	13300	851	5.8	66	103	32	1100	35	150	10900	0
2	13200	1040	8.6	59	96	32	1260	35	150	10500	0
3	13800	1200	10	58	95	32	1250	35	153	11000	0
4	11800	1300	5.4	65	102	32	1350	37	156	10600	0
5	11700	1300	3.6	78	115	32	1460	36	160	8570	0
6	12800	1280	6	91	128	32	1500	36	162	9580	0
7	11800	1040	7.2	79	116	32	1300	35	162	10400	0
8	12800	935	3.7	75	112	32	1010	34	162	9820	0
9	13700	923	7.7	76	113	32	1520	36	163	10100	0
10	12800	1080	4.4	65	102	32	1530	36	164	11600	0
11	12800	1120	2.7	74	111	32	1480	36	164	9580	0
12	11300	1150	10	78	115	32	1320	36	167	9790	0
13	11700	1150	4.7	70	107	32	1290	36	168	9040	0
14	12800	1150	2.4	72	109	32	1130	36	167	9920	0
15	12300	1050	3.2	67	104	32	1160	36	173	10500	0
16	13800	1050	6.5	72	109	32	1130	38	179	9910	0
17	14300	1050	2.8	72	109	32	1100	39	175	11600	0
18	13300	966	7.3	77	114	32	1270	39	181	11000	0
19	11800	1210	3	70	107	32	1330	38	177	9930	0
20	12400	1170	2.8	75	112	32	1350	37	178	9470	0
21	12200	1050	8.1	80	117	32	1220	37	181	10300	0
22	10900	832	13	78	115	32	988	38	184	9680	0
23	11800	850	3.9	74	111	32	1220	37	195	9260	0
24	12300	913	1.4	81	118	32	1310	37	189	9270	0
25	11800	1040	3.9	71	108	32	1430	37	188	9920	0
26	10900	1180	2.5	84	121	32	1580	37	186	8530	0
27	11800	1230	2.1	84	121	32	1530	36	189	8670	0
28	12300	1150	4	82	119	32	1430	36	192	8920	0
29	11900	1140	5.7	80	117	32	1240	35	193	9570	0
30	12300	1140	2.6	78	115	32	1330	34	202	9170	0
TOTAL	372400	32540	155	2231	3341	960	39118	1090	5210	297100	0
MEAN	12413	1085	5	74	111	32	1304	36	174	9903	0
ACFT	738655	64543	307	4425	6627	1904	77591	2162	10334	589298	0

*Data furnished by other agencies

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UNITED STATES DEPARTMENT OF THE INTERIOR - GEOLOGICAL SURVEY - WATER RESOURCES DIVISION

Lower Colorado River - Diversions and Return Flows - Provisional Data

Mean Daily Discharge in Cubic feet per second , except as noted by #.

	PVID F-Canal Spill near Blythe CA	PVID D-10-11-2 Spill near Blythe CA	PVID D-10-11-5 Spill near Blythe Ca	PVID D-23 Spill near Blythe CA	PVID D-23-1 Spill near Blythe CA	PVID C-Canal Spill near Blythe Ca	PVID C-28 Upper Spill near Blythe Ca	PVID Outfall Drain near Blythe CA	PVID C-28 Lower Spill near Blythe Ca	Colorado River above Imperial Dam	Colorado River below Imperial Dam
Day	*09429155	*09429160	*09429170	*09429180	*09429190	*09429200	*09429210	*09429220	*09429230	09429490	09429500
1	27	1.3	0.73	21	5.4	41	0	448	11	9260	370
2	15	5	0.73	21	4.5	61	0	473	28	10400	370
3	21	4	0.73	45	4.3	38	0	473	21	10900	370
4	42	9	14	32	2	45	11	463	21	11200	370
5	20	4.7	16	23	2.3	58	11	452	8.7	11300	370
6	33	6	6.9	34	3.9	71	0	454	2.2	10800	370
7	38	12	14	45	7.7	66	0	509	9.2	9730	691
8	51	7.7	9.9	39	1	62	0	478	23	10500	2450
9	48	10	16	33	3.5	40	0	482	11	10800	418
10	24	4.7	8.8	33	3.5	57	0	491	17	11200	370
11	25	1.3	6.9	17	5.8	55	0	489	13	11500	370
12	37	1.3	7.7	31	6.5	65	0	500	13	11400	371
13	38	2.4	9.9	45	3.7	63	0	504	25	11300	370
14	25	16	2.9	35	5.8	77	0	467	26	10700	370
15	21	2.4	9.9	36	2.8	46	0	463	19	9970	370
16	31	15	6.9	25	5.6	23	0	469	14	11400	370
17	31	6.4	1.1	26	2.6	12	0	482	20	11700	370
18	26	5	6.6	34	6.2	38	0	465	19	11500	370
19	25	1.3	1.5	45	3.3	25	0	444	4	11700	370
20	36	1.7	3.6	29	3.3	41	0	473	15	11200	498
21	50	5.7	6.9	41	4.5	42	0	469	16	10600	971
22	39	1	11	28	3.2	71	0	461	19	10500	1520
23	40	2.4	11	43	5.8	70	0	484	39	11600	1000
24	52	1	26	45	9.2	72	0	456	18	11300	370
25	58	4.7	9.1	39	3.3	42	0	446	14	11000	370
26	34	12	1.8	27	3.2	32	0	487	3.1	11100	370
27	28	7	0.73	36	5.6	39	0	482	4.2	10500	370
28	45	4	0.73	35	5.6	55	0	502	5.8	9750	370
29	62	4	0.73	12	5.1	48	0	500	13	8930	370
30	44	3	5.5	41	7.9	33	0	502	16	10600	370
TOTAL	1066	162	218.28	996	137.1	1488	22	14268	468.2	324340	16059
MEAN	36	5	7	33	5	50	1	476	16	10811	535
ACFT	2114	321	433	1976	272	2951	44	28301	929	643328	31853

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UNITED STATES DEPARTMENT OF THE INTERIOR - GEOLOGICAL SURVEY - WATER RESOURCES DIVISION

Lower Colorado River - Diversions and Return Flows - Provisional Data

Mean Daily Discharge in Cubic feet per second , except as noted by #.

	Colorado River below Laguna Dam	Gila River below Painted Rock Dam	Gila River near Dateland Arizona	Gila River near Dome AZ	Colorado River below Yuma Main Canal WW	Colorado River at Northerly Boundary	Mittry Lake Diversion at Imperial Dam	Gila Gravity Main Canal at Imperial Dam	North Gila Main Canal Turnout #1 near Yuma Az	North Gila Main Canal Turnout #2 near Yuma AZ	Wellton Mohawk Canal near Yuma AZ
Day	09429600	09519800	09520280	09520500	09521100	*09522000	*09522400	09522500	09522600	09522650	09522700
1	466	6.4	0	15	734	3230	6	769	16	24	482
2	450	5.8	0	14	736	3310	6	1610	57	19	743
3	439	5.5	0	14	733	3330	13	1620	84	0.56	871
4	429	5.4	0	15	699	3410	13	1630	90	4.4	884
5	427	5.6	0	17	754	3390	13	1580	100	29	734
6	422	6.1	0	17	690	3430	13	1280	71	25	681
7	426	6.1	0	17	693	3440	13	702	47	21	467
8	1690	4.6	0	17	1240	3710	13	618	13	11	350
9	891	4.4	0	16	1810	4410	13	1590	38	18	686
10	465	4.4	0	16	810	3290	14	1710	58	16	785
11	453	4.4	0	16	754	3290	14	1660	52	12	786
12	443	4	0	15	740	3270	14	1600	68	19	783
13	437	3.6	0	16	730	3330	14	1360	101	15	708
14	435	3.4	0	15	735	3340	14	1120	92	28	787
15	434	3.3	0	14	727	3350	14	940	19	18	671
16	428	3	0	16	712	3350	14	1350	61	0	572
17	424	3.1	0	16	702	3370	14	1700	70	0	788
18	421	4.3	0	15	695	3290	14	1590	82	0	849
19	419	3.2	0	16	683	3370	14	1540	95	11	875
20	425	3	0	20	665	3380	14	1320	102	20	782
21	451	3.6	0	19	732	3020	14	804	34	31	599
22	669	3.9	0	18	816	3030	14	539	2.1	34	292
23	820	4.7	0	20	1310	3070	14	1610	77	33	636
24	699	5.3	0	17	1090	2860	15	1840	99	19	837
25	517	6.4	0	17	944	2640	15	1690	85	19	779
26	430	6.6	0	16	725	2520	15	1730	59	3.5	781
27	421	6.1	0	17	727	2210	15	1530	51	0.05	770
28	420	5.2	0	16	737	2180	15	938	56	0	619
29	416	4	0	15	716	2160	15	724	36	0	499
30	414	2.9	0	118	839	2140	15	1530	80	12	617
TOTAL	15681	138.3	0	590	24678	94120	404	40224	1895.1	442.51	20713
MEAN	523	5	0	20	823	3137	13	1341	63	15	690
ACFT	31103	274	0	1170	48949	186687	801	79784	3759	878	41084

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UNITED STATES DEPARTMENT OF THE INTERIOR - GEOLOGICAL SURVEY - WATER RESOURCES DIVISION

Lower Colorado River - Diversions and Return Flows - Provisional Data

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	South Gila Main Canal near Yuma AZ	All American Canal near Imperial Dam	Reservation Main Canal near Yuma AZ	Titsink Canal near Yuma AZ	Yaqui Canal near Yuma AZ	Pontiac Canal near Yuma AZ	Yuma Main Canal at Siphon Drop Powerplant	Diversions from YMC below Siphon Drop PP	Yuma Main Canal Wasteway at Yuma AZ	Yuma Main Canal below Colorado River Siphon	Ypislanti Canal near Winterhaven California
Day	*09522800	*09523000	09523200	09523400	09523600	09523800	*09524000	*09524500	09525000	09525500	09526200
1	49	8110	26	0.78	13	0.48	704	20	35	649	39
2	75	8440	68	0	30	33	764	25	35	704	40
3	61	8880	125	0	32	46	868	28	40	800	38
4	69	9230	143	0	35	14	911	41	22	848	38
5	95	9310	139	3	17	0.49	1000	49	82	869	35
6	70	9170	118	0	15	0.4	863	23	28	812	30
7	36	8320	72	7.2	0.3	14	682	16	40	626	13
8	23	7390	18	1.3	0.24	13	471	0	62	409	0.4
9	76	8770	104	0	13	13	640	43	46	551	22
10	79	9150	138	0	8.6	0.46	746	28	43	675	38
11	75	9410	140	0	23	14	821	17	49	755	23
12	86	9440	124	0	24	20	844	26	49	769	40
13	86	9520	52	0	29	13	925	10	33	882	51
14	82	9220	23	0	7.4	17	933	0	25	908	61
15	34	8650	25	0	0.24	18	774	0	16	758	56
16	94	9630	93	0	28	27	806	51	34	721	9
17	123	9620	125	0	24	37	916	58	47	811	0.54
18	111	9550	143	0	21	43	982	48	80	854	0.52
19	73	9790	150	8.2	17	21	1010	30	114	866	38
20	80	9390	140	0	12	17	916	31	65	820	37
21	80	8860	113	0	26	5	782	11	74	697	45
22	35	8450	80	0	7.1	0.35	631	7.5	64	559	30
23	63	8930	124	0	4.1	12	687	12	69	606	49
24	93	9030	152	0	12	13	786	22	65	699	58
25	112	8970	149	0	25	0.39	816	24	46	746	43
26	122	9000	123	3.1	42	14	904	26	50	828	31
27	112	8610	77	0	34	14	976	28	56	892	40
28	101	8430	26	0	16	16	918	21	56	841	36
29	34	7820	17	0	0.37	2.2	724	15	54	655	14
30	85	8650	82	0	28	13	1020	42	217	761	35
TOTAL	2314	267740	2909	23.58	544.35	451.77	24820	752.5	1696	22371	990.46
MEAN	77	8925	97	1	18	15	827	25	57	746	33
ACFT	4590	531062	5770	47	1080	896	49230	1493	3364	44373	1965

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UNITED STATES DEPARTMENT OF THE INTERIOR - GEOLOGICAL SURVEY - WATER RESOURCES DIVISION

Lower Colorado River - Diversions and Return Flows - Provisional Data

Mean Daily Discharge in Cubic feet per second , except as noted by #.

	Pilot Knob Powerplant and Wasteway	All American Canal below Pilot Knob Wasteway	Levee Canal Wasteway near Yuma AZ	North Gila Drain No. 1 near Yuma AZ	North Gila Main Canal Wasteway near Yuma AZ	South Gila Pump Outlet Channel No. 3 near Yuma Az	South Gila Pump Outlet Channel No. 2 near Yuma AZ	Bruce Church Wasteway near Yuma AZ	Wellton Mohawk Main Outlet Drain near Yuma AZ	South Gila Pump Outlet Channel No. 1 near Yuma AZ	South Gila Terminal Canal WW near Yuma AZ
Day	*09527000	*09527500	09528800	09529000	09529150	*09529160	*09529240	09529250	09529300	*09529360	09529420
1	2240	4990	0	6.1	2.8	17	32	3.6	165	37	7.4
2	2230	5060	0	5.5	2.3	17	32	2.7	174	37	2.6
3	2240	5340	0	5.1	0.95	17	35	0.82	150	37	1.2
4	2390	5570	0	6.5	1.4	13	39	0.84	151	37	3.6
5	2280	5600	0	6.6	1.1	16	39	0.3	163	31	2.9
6	2360	5510	0	5.3	1.4	11	39	0.66	166	31	3.4
7	2340	5020	0	5.2	1.8	11	39	2.1	155	31	2.3
8	2130	4360	0	5.5	1.1	11	39	2.3	154	31	5.3
9	2040	5580	0	5.3	0.73	18	39	1.8	165	27	3.5
10	2200	5720	0	4.9	0.57	18	33	0.16	149	27	5.7
11	2290	5780	0	4.6	1.2	22	31	0.44	156	34	7.2
12	2290	5830	0	4.7	0.43	22	31	1.1	148	37	6.1
13	2340	5910	0	5.8	1.2	22	31	1.3	149	37	2
14	2340	5650	0	9.8	0.23	22	31	2.2	146	37	6.5
15	2400	5190	0	16	0.78	22	31	1.1	150	37	5.1
16	2440	5910	0	9.3	0.01	22	35	1.4	166	37	0.58
17	2470	5820	0	6.8	0	22	39	0.48	148	37	0.02
18	2380	5740	0	7.8	0.06	18	39	0	146	37	1.7
19	2470	5900	0	6	0	13	39	0.67	137	37	1.2
20	2510	5690	0.48	7.4	1.6	22	39	1.2	145	37	1.9
21	2120	5660	0	6.3	0.98	22	39	1.2	154	37	6.3
22	2030	5450	0	5.6	0.94	22	39	1.6	149	37	2.9
23	1560	6170	0	5.2	1.9	22	39	0.95	139	37	5.6
24	1580	6230	0	5.5	0.27	22	40	0.31	140	37	1.7
25	1550	6140	0	6	0.25	22	41	0.01	144	37	3.3
26	1660	6010	0	8.9	0.32	22	41	2.5	141	37	0.88
27	1470	5890	0	8.2	0.92	22	41	2.9	147	37	3.4
28	1450	5830	0	8.5	0.63	22	41	2.8	155	37	2.8
29	1460	5530	0	8.6	0	22	41	3	158	37	2.4
30	1000	6170	0	6.6	1.6	14	41	1.5	164	37	4.5
TOTAL	62260	169250	0.48	203.6	27.47	568	1115	41.94	4574	1063	103.98
MEAN	2075	5642	0	7	1	19	37	1	152	35	3
ACFT	123493	335707	1	404	54	1127	2212	83	9073	2108	206

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UNITED STATES DEPARTMENT OF THE INTERIOR - GEOLOGICAL SURVEY - WATER RESOURCES DIVISION

Lower Colorado River - Diversions and Return Flows - Provisional Data

Mean Daily Discharge in Cubic feet per second , except as noted by #.

	South Gila Pump Outlet Channel No. 4 near Yuma Az	Reservation Drain No. 7 near Bard CA	Reservation Drain No. 6 near Bard CA	Reservation Drain No. 2 near Bard CA	Reservation Drain No. 3 near Bard CA	Reservation Main Drain No. 4 near Yuma AZ	Yuma Mesa Outlet Drain near Yuma AZ	Reservation Drain No. 11 near Winterhaven	Araz Drain No. 8B near Winterhaven California
Day	*09529440	09529600	09529700	09529800	09529900	09530000	*09530200	09530400	09530500
1	2.8	2.7	20	0.15	5.1	61	37	2	9.8
2	2.8	2.7	20	0.18	5.2	62	31	2.1	11
3	2.8	2.7	20	0.22	5.2	56	28	2.2	10
4	2.8	2.7	20	0.26	5.2	54	23	2.2	9.9
5	2.8	2.7	20	0.29	5.2	56	23	2.3	10
6	2.8	2.7	20	0.33	5.3	58	23	2.4	11
7	2.8	2.7	20	0.37	5.3	56	23	2.4	11
8	2.8	2.7	20	0.4	5.3	58	23	2.5	10
9	3	2.7	20	0.44	5.3	55	16	2.6	9.6
10	1.8	2.7	20	0.48	5.4	57	12	2.6	9.4
11	1.8	2.7	20	0.51	5.4	59	9.3	2.7	9.3
12	1.8	2.7	20	0.55	5.4	58	16	2.8	9
13	1.8	2.7	20	0.59	5.4	59	27	2.8	8.8
14	1.8	2.7	20	0.62	5.5	58	27	2.9	9.2
15	1.8	2.7	20	0.66	5.5	57	27	3	9.3
16	1.8	2.7	20	0.7	5.5	56	27	3	10
17	1.8	2.7	20	0.73	5.6	55	27	3.1	9.5
18	1.8	2.7	20	0.77	5.6	55	27	3.2	9.1
19	1.8	2.7	20	0.81	5.6	55	27	3.2	8.8
20	1.8	2.7	20	0.84	5.6	55	27	3.3	8.7
21	1.8	2.7	20	0.88	5.7	55	27	3.4	8.9
22	1.8	2.7	20	0.92	5.7	55	27	3.4	9.5
23	1.8	2.7	20	0.95	5.7	59	27	3.5	9
24	1.8	2.7	20	0.99	5.7	55	27	3.5	11
25	1.8	2.7	20	1	5.8	53	27	3.6	9.1
26	1.8	2.7	20	1.1	5.8	49	27	3.7	9.3
27	0	2.7	20	1.1	5.8	49	27	3.7	8.8
28	0	2.7	20	1.1	5.8	49	27	3.8	8.8
29	0	2.7	20	1.2	5.9	52	27	3.9	8.7
30	0	2.7	20	1.2	5.9	50	27	3.9	8.6
TOTAL	56	81	600	20.34	165.4	1666	750.3	89.7	285.1
MEAN	2	3	20	1	6	56	25	3	10
ACFT	111	161	1190	40	328	3305	1488	178	565

*Data furnished by other agencies

#Data furnished by other agencies in acre-feet

United States Department of the Interior - Geological Survey - Water Resources Division
Lower Colorado River - Diversions and Reservoirs - Provisional Data

DIVERSIONS

STATION NAME	STATION NUMBER	MONTHLY TOTAL - ACRE-FEET
#Gila Gravity Main Canal at Pumping Plant	9522850	19500
#Unit B Main Canal	9522900	2180
#City of Yuma Diversions	9526000	1830
Wellton Mohawk MODE # 2	9531800	1398

RESERVOIRS

	#LAKE MEAD	LAKE MOHAVE	LAKE HAVASU	#ALAMO LAKE	#Senator Wash
End of Current Months Contents	13426000	1740000	572400	124800	5405
End of Previous Months Contents	13930000	1685000	565000	128600	7276
Change in Contents	-504000	55000	7400	-3800	-1871

*Data furnished by other agencies.
 #Data furnished by other agencies in acre-feet.