



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 2009

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	10700	13	11400	20500	19700	143	0	3360	39	15	5960
2	10500	14	11500	15200	19700	145	0	3400	39	14	5980
3	10400	13	11200	19600	19700	141	0	3300	39	14	5960
4	9800	15	11100	19200	19700	140	0	3280	39	14	5890
5	9830	15	10500	19000	19700	138	0	3280	39	14	6000
6	10500	13	10500	19300	19700	136	0	3270	39	14	5920
7	10500	12	11200	17700	19600	127	0	3320	39	14	5970
8	10500	11	11200	17000	20000	148	0	3250	39	13	6000
9	10500	11	11100	17000	19400	124	0	3260	39	13	5990
10	10500	11	11200	14900	16700	131	0	3280	39	13	5970
11	9930	11	11100	16700	14700	80	0	3260	39	14	5960
12	9950	11	10700	16400	16600	84	0	3230	39	13	5680
13	10400	12	10600	19200	20300	125	0	3580	39	13	5970
14	10500	11	11100	21700	22300	152	0	3610	39	14	5000
15	10500	10	11100	21200	19900	133	0	3510	39	13	5990
16	10500	9.9	11200	17500	19400	126	0	3520	39	14	6190
17	10500	10	11200	22500	19400	123	0	3490	39	14	6200
18	9930	11	11200	19100	17500	112	0	3460	39	13	6210
19	9940	10	10600	19500	18300	90	0	3380	39	13	5600
20	10600	9	10600	21300	19800	119	0	3140	39	12	5470
21	10500	8.6	11300	22300	18400	124	0	3350	39	12	5160
22	10400	14	11200	20100	19400	111	0	3040	34	12	5460
23	10300	14	11100	18600	23300	129	0	3290	43	11	5210
24	10300	10	11100	20200	23900	151	0	3200	48	11	5020
25	9700	6.5	11100	19200	20300	112	0	3360	46	10	6030
26	9600	5.9	10500	19300	18900	110	0	3310	42	11	6050
27	10200	5.7	10300	23100	18400	101	0	3280	42	11	6040
28	10300	5.5	11000	25600	17700	99	0	2520	42	10	5800
29	10300	5.7	11000	24900	17200	100	0	2510	41	10	4440
30	10200	5.2	11100	24400	17600	88	0	2610	41	10	4950
TOTAL	308280	314	330000	592200	577200	3642	0	97650	1198	379	172070
MEAN	10276	10	11000	19740	19240	121	0		40	13	
ACFT	611473	623	654555	1174629	1144876	7224	0		2376	752	

*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	14900	1300	7.1	74	111	32	1220	20	177	11600	0
2	11400	1310	3.3	76	113	32	1120	20	171	11000	0
3	13800	1330	7.9	71	108	32	1250	20	169	9930	0
4	14400	1330	8.4	76	113	32	1340	20	166	12100	0
5	14700	1320	7.2	84	121	32	1130	20	171	12300	0
6	15300	1260	10	77	114	32	1260	20	173	13000	0
7	14900	1230	6.2	76	113	32	1350	20	172	12600	0
8	13900	1240	15	83	120	32	1370	20	173	11300	0
9	11300	1180	7	84	121	32	1500	20	168	10600	0
10	14300	1150	13	79	116	32	1540	20	171	10200	0
11	13300	984	11	89	126	32	1270	20	169	11800	0
12	12800	856	3.9	81	118	32	956	21	172	11500	0
13	13800	1150	7.3	69	106	32	1240	21	173	12000	0
14	13500	1140	4.4	67	104	32	1060	21	169	11700	0
15	13400	1080	4.7	74	111	32	1140	21	177	11500	0
16	11500	923	5.4	72	109	32	1230	21	167	10800	0
17	12300	1000	4.3	77	114	32	1370	21	168	9360	0
18	12400	1060	4.8	72	109	32	1330	21	171	10700	0
19	12700	936	14	66	103	32	985	21	165	8930	0
20	14200	1130	11	71	108	32	1150	21	167	11100	0
21	15400	1160	18	88	125	32	1270	21	166	12200	0
22	16000	1100	13	83	120	32	1480	21	168	14000	0
23	14500	1200	2.7	82	119	32	1550	21	165	13700	0
24	15500	1280	9	79	116	32	1560	21	163	12800	0
25	13400	1190	9.2	81	118	32	1340	21	173	13300	0
26	13400	1120	2.6	76	113	32	1030	21	169	11600	0
27	13400	1050	5	71	108	32	1190	21	164	11600	0
28	13300	1160	7.2	68	105	32	1200	21	165	11600	0
29	12300	1300	1.1	72	109	32	1240	21	166	11300	0
30	10700	1330	3.6	72	109	32	1090	21	168	9470	0
TOTAL	406700	34799	227.3	2290	3400	960	37761	619	5076	345590	0
MEAN	13557	1160	8	76	113	32	1259	21	169	11520	0
ACFT	806689	69024	451	4542	6744	1904	74899	1228	10068	685478	0

*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 #.

	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	8.4	16	22	7.7	65	0	471	24	11500	987
2	25	10	5.8	28	6.7	40	0	461	20	11300	380
3	18	7.7	9.1	19	4.9	54	0	423	19	11300	380
4	38	7.4	3.6	26	7.2	63	0	407	5.6	10500	380
5	51	3	1.5	19	7.7	74	0	421	0.1	9710	380
6	41	1.7	1.5	12	8.2	73	0	411	3.5	10900	380
7	48	11	1.5	19	7.9	97	0	413	3.2	11300	380
8	41	0	1.5	27	18	113	0	442	1.6	11400	380
9	28	0	4.7	39	12	67	0	427	2.2	11700	499
10	39	14	5.8	22	13	52	0	429	1.1	11400	386
11	38	0.67	0.36	14	13	40	0	419	0.2	10700	1360
12	23	0.67	6.2	13	18	64	0	458	2.4	11300	3920
13	28	2	0.36	17	16	68	0	458	14	10600	1340
14	28	3.7	0.36	37	12	96	0	450	1.7	11400	838
15	37	2	0.36	16	14	56	0	452	1.5	11200	380
16	41	5.7	0.36	25	14	32	0	442	1.1	11300	380
17	41	3	3.6	20	13	29	0	435	1.2	11000	380
18	34	1.3	16	35	8.7	29	0	437	2.5	10600	594
19	25	10	10	23	9.5	46	0	478	8.3	10300	1120
20	58	26	5.8	15	12	37	0	491	28	11100	381
21	43	0	2.2	13	8.5	37	0	458	21	11100	380
22	52	5.4	1.5	19	10	64	0	469	18	11400	380
23	35	14	2.2	25	11	59	0	456	6.8	11700	380
24	25	21	0.73	22	13	58	0	442	2.6	11600	457
25	34	0.34	5.1	31	12	83	0	480	11	12300	2580
26	29	0.34	1.8	27	15	43	0	454	1.5	11300	3110
27	23	0.34	4	21	12	76	0	446	7.2	11100	1800
28	33	0.34	12	29	16	69	0	437	2.2	11200	1380
29	36	14	1.8	11	13	44	0	444	2	11200	1200
30	40	36	1.1	19	19	46	0	448	5.3	10700	1270
TOTAL	1059	210	126.83	665	353	1774	0	13359	218.8	334110	28162
MEAN	35	7	4	22	12	59	0	445	7	11137	939
ACFT	2101	417	252	1319	700	3519	0	26498	434	662707	55859

*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 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	963	0.51	0	8.4	1300	3400	4.9	1440	95	15	758
2	424	1.3	0	8.4	810	3430	4.9	1540	92	15	825
3	425	1.1	0	7.9	680	3570	4.9	1190	94	10	716
4	422	0.9	0	7.3	654	3440	4.9	698	71	14	552
5	421	0.7	0	10	654	3440	4.9	484	44	1.9	446
6	420	0.5	0	8.4	743	3470	4.9	1290	90	0.31	630
7	419	0.3	0	8.3	746	3460	4.9	1320	108	14	628
8	423	0.1	0	7	654	3420	4.9	1260	61	19	652
9	427	0	0	7.4	662	3450	4.9	1360	70	16	689
10	446	0	0	6.7	689	3430	4.9	1230	47	13	861
11	699	0.13	0	5.8	736	3340	4.9	674	30	15	652
12	3140	0.1	0	5.2	2180	3350	4.9	549	5.1	0.68	517
13	2420	0.02	0	5.6	3160	4030	9.8	1610	70	14	838
14	998	0.05	0	5.1	1730	3330	9.8	1750	79	17	896
15	524	0.06	0	4.7	907	3330	9.8	1390	57	12	672
16	498	0	0	4.5	836	3290	9.8	1440	96	19	635
17	481	0	0	4.5	789	3310	9.8	1340	103	18	817
18	474	0	0	4.8	775	3300	9.8	855	62	15	774
19	721	0	0	5	894	3340	9.8	619	29	18	582
20	598	0	0	4.5	994	3130	9.6	1400	69	6.4	690
21	491	0	0	4.2	768	2890	9.6	1440	89	19	691
22	478	0	0	4	761	2920	9.6	1630	71	12	796
23	470	0	0	4.7	742	2900	9.6	1640	87	8.4	866
24	461	0	0	4.4	737	2890	9.6	1590	105	19	893
25	1060	0	0	4	932	2680	9.6	926	71	17	716
26	3050	0	0	3.8	2530	3170	9.6	625	45	17	524
27	2070	0	0	4.1	2930	3710	9.6	1560	60	21	832
28	1240	0	0	5	1950	2810	12	1630	68	4.3	855
29	1080	0	0	4.8	1660	2510	12	1770	110	12	860
30	1240	0	0	4.6	1460	2330	12	1730	118	14	829
TOTAL	26983	5.77	0	173.1	35063	97070	240.2	37980	2196.1	396.99	21692
MEAN	899	0	0	6	1169	3236	8	1266	73	13	723
ACFT	53521	11	0	343	69547	192538	476	75333	4356	787	43026

*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 #.

	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	81	9040	142	0	25	23	922	53	8	861	14
2	92	9340	116	0	32	36	926	20	27	879	31
3	99	9680	124	0	13	34	893	18	4	871	42
4	56	9390	116	0	13	31	837	15	2	820	33
5	30	8840	80	0	0.84	19	736	25	0	712	34
6	106	9210	128	0	25	15	803	18	89	696	34
7	140	9600	152	4	27	29	914	50	120	744	40
8	142	9730	123	0	24	28	852	63	45	744	30
9	136	9840	99	4.1	14	38	851	55	51	745	32
10	84	9790	88	0	5.2	38	748	24	49	675	51
11	53	8620	60	0	1.2	1.8	568	17	26	525	24
12	9.8	6780	29	0	0.58	0.35	464	15	22	427	3.1
13	87	7620	119	0	24	23	635	30	23	582	35
14	115	8770	128	0	35	15	883	60	45	778	43
15	113	9420	131	0	28	5.1	939	50	51	838	22
16	114	9480	173	0	18	0.33	1000	34	101	865	59
17	120	9320	138	0	20	14	950	14	48	888	46
18	62	9190	78	0	19	3.1	897	0	38	859	22
19	34	8540	17	0	3.3	0.32	777	7.5	0	778	31
20	91	9260	114	0	14	11	799	24	20	755	46
21	104	9250	151	0	19	18	837	37	0	805	54
22	108	9340	151	0	17	0.6	900	26	12	862	41
23	107	9640	152	9.1	16	22	937	38	14	885	20
24	115	9500	121	0	24	39	914	44	14	856	28
25	108	8800	58	0	15	33	724	10	11	703	18
26	32	7590	22	0	2	18	663	0	27	636	2.6
27	81	7760	111	0	27	17	690	2.5	20	668	28
28	122	8170	151	0	27	28	999	11	182	806	48
29	114	8170	162	0	21	29	1080	62	122	896	56
30	110	7700	168	0	21	13	1010	62	40	908	38
TOTAL	2765.8	267380	3402	17.2	531.12	582.6	25148	885	1211	23067	1005.7
MEAN	92	8913	113	1	18	19	838	30	40	769	34
ACFT	5486	530348	6748	34	1053	1156	49881	1755	2402	45753	1995

*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 #.

	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	1890	5650	0.69	4	1.5	7.1	12	0.27	139	17	9.6
2	2360	5480	0	3.9	0.04	9.8	28	0.83	142	38	3.2
3	2690	5570	0	4.1	1.1	12	28	1.2	156	38	3
4	2580	5540	0.15	4.2	0.26	12	28	2.3	159	38	3.4
5	2610	5070	0	4	2.5	12	28	2.3	154	38	4.3
6	2510	5470	0.96	4.1	0	12	28	0.89	143	38	5.3
7	2490	5780	0	4.4	0.96	12	28	5.4	146	38	1.9
8	2570	5800	0	4.5	2.1	12	28	2.1	156	38	3.9
9	2550	6150	0	4.9	3.1	12	28	3	152	38	1.7
10	2520	5690	0.06	4.7	0.01	12	28	1.1	148	38	1.2
11	2410	5410	0	4.4	3	12	28	0.55	153	38	2.9
12	1350	4510	0	4.3	0.02	6.1	18	1.2	154	24	1.8
13	674	5470	1	5.2	0.38	3.1	13	1.2	166	17	1.8
14	1440	5850	1.4	4.1	0.24	8.7	13	1.2	148	17	3
15	2260	5760	0	4	0.43	16	20	0.1	148	24	1.8
16	2300	5790	0	4	0.05	21	28	0.37	152	32	1
17	2370	5640	0	4.2	0.52	21	28	1.2	141	34	6.7
18	2400	5610	0	5.2	1.6	16	28	4.9	151	34	9.1
19	2310	5130	0	4.4	0.08	11	28	2.4	163	34	0.02
20	1990	5920	0	4.3	0.97	11	28	1.1	161	34	1.5
21	2000	5890	0	4.6	0.96	17	28	0.43	158	34	0.36
22	2040	5910	0	4.7	2.8	25	28	0.62	159	34	2.4
23	2010	6200	1.4	5.2	0.08	26	28	1.3	153	34	0.58
24	2030	6160	0.01	5.6	1.2	26	28	0.23	154	34	0.02
25	1650	6020	0	6.6	0.2	26	28	0.82	156	34	6.1
26	906	5640	0.6	5.6	0.35	26	28	4.8	157	34	3.9
27	772	5920	0.08	5.7	0.67	26	28	1.4	157	34	2.8
28	852	6000	0	5.6	0.79	26	28	0.97	150	34	2
29	872	6060	0	5.2	0	26	28	0	154	34	2.6
30	877	5650	0	6	0.46	26	28	0.45	148	34	1.3
TOTAL	58283	170740	6.35	141.7	26.37	488.8	776	44.63	4578	987	89.18
MEAN	1943	5691	0	5	1	16	26	1	153	33	3
ACFT	115604	338663	13	281	52	970	1539	89	9080	1958	177

*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 #.

	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	4.8	2.7	20	0.89	6	70	53	3	9.5
2	4.8	2.7	20	0.89	6	71	56	3	9.4
3	4.8	2.7	20	0.89	6	72	59	3	9.2
4	4.8	2.7	20	0.89	6	71	59	3	8.8
5	4.8	2.7	20	0.89	6	72	56	3	8.5
6	4.8	2.7	20	0.89	6	72	56	3	8.7
7	4.8	2.7	20	0.89	6	72	54	3	9
8	4.8	2.7	20	0.89	6	71	51	3	9.4
9	4.8	2.7	20	0.89	6	73	54	3	9.5
10	4.8	2.7	20	0.89	6	73	56	3	9.6
11	4.8	2.7	20	0.89	6	73	55	3	10
12	3.4	2.7	20	0.89	6	71	42	3	10
13	2.8	2.7	20	0.89	6	92	37	3	9.9
14	2.8	2.7	20	0.89	6	62	45	3	10
15	3.8	2.7	20	0.89	6	73	51	3	11
16	4.8	2.7	20	0.89	6	73	52	3	10
17	4.8	2.7	20	0.89	6	73	53	3	10
18	4.8	2.7	20	0.89	6	72	53	3	11
19	4.8	2.7	20	0.89	6	72	53	3	11
20	4.8	2.7	20	0.89	6	72	53	3	11
21	4.8	2.7	20	0.89	6	73	53	3	10
22	4.8	2.7	20	0.89	6	73	53	3	11
23	4.8	2.7	20	0.89	6	74	56	3	11
24	4.8	2.7	20	0.89	6	74	59	3	10
25	4.8	2.7	20	0.89	6	73	59	3	10
26	4.8	2.7	20	0.89	6	70	59	3	11
27	4.8	2.7	20	0.89	6	77	59	3	10
28	4.8	2.7	20	0.89	6	59	58	3	10
29	4.8	2.7	20	0.89	6	66	56	3	10
30	4.8	2.7	20	0.89	6	70	58	3	11
TOTAL	137.6	81	600	26.7	180	2159	1618	90	299.5
MEAN	5	3	20	1	6	72	54	3	10
ACFT	273	161	1190	53	357	4282	3209	179	594

*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	17750
#Unit B Main Canal	9522900	2300
#City of Yuma Diversions	9526000	1600
Wellton Mohawk MODE # 2	9531800	0

RESERVOIRS

	#LAKE MEAD	LAKE MOHAVE	LAKE HAVASU	#ALAMO LAKE	#Senator Wash
End of Current Months Contents	11604000	1698000	597200	156700	9129
End of Previous Months Contents	12164000	1656000	559200	159600	7227
Change in Contents	-560000	42000	38000	-2900	1902

*Data furnished by other agencies.

#Data furnished by other agencies in acre-feet.