



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:
February 2010

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	12500	44	14800	9850	4740	0	0	2820	34	16	1470
2	12100	43	13100	6640	6220	0	0	2810	41	17	1730
3	12000	35	12600	3620	6290	0	0	2780	42	17	1680
4	12000	37	12600	5770	7050	0	0	2770	63	17	1780
5	12200	38	12600	8470	7100	0	0	2360	80	16	1820
6	10900	45	12700	6480	7070	0	0	2280	77	17	1830
7	9990	102	11400	6550	5970	0	0	2310	77	18	1630
8	12000	65	10500	6610	5480	0	0	2360	77	17	1940
9	12100	46	12600	7590	5780	0	0	2250	84	17	1770
10	12200	47	12600	5130	5740	0	0	2300	88	17	1850
11	12100	45	12600	5010	5790	0	0	2290	79	18	1990
12	12200	35	12600	4870	5760	0	0	2300	84	18	3910
13	10800	36	12600	4090	5730	0	0	2290	84	17	3930
14	9920	40	11100	3640	6610	0	0	2280	87	18	3930
15	11900	49	10300	4080	6520	0	0	2280	88	18	3940
16	11900	56	12400	3300	6500	0	0	2280	86	18	3920
17	12100	51	12400	4710	7440	0	0	2310	87	18	3960
18	12100	47	12600	5680	7850	0	0	2270	87	18	4040
19	12000	49	12500	5980	9900	0.87	0	2290	83	18	4040
20	10800	62	12500	7010	10400	3.6	0	2280	80	18	4020
21	9920	61	11200	6940	10900	7.5	0	2300	80	18	4700
22	11800	64	10500	9710	11000	6.6	0	2280	80	18	4460
23	12200	37	12400	10100	12400	29	0	2340	78	18	4000
24	12000	31	12500	7600	12200	23	0	2330	56	17	4500
25	12100	33	12500	10900	13500	26	0	2320	43	16	4510
26	12200	31	12500	13500	14700	66	0	2360	43	17	4480
27	10800	32	12600	15300	12700	50	0	2410	44	17	4520
28	9940	33	11200	12900	13100	17	0	2390	44	17	4530
TOTAL	324770	1294	342500	202030	234440	229.57	0	66640	1976	486	90880
MEAN	11599	46	12232	7215	8373	8	0	71	17		
ACFT	644181	2567	679349	400727	465012	455	0	3919	964		

*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	2970	267	0	32	188	156	257	16	116	3380	0
2	3400	281	0	32	98	66	335	16	116	2910	0
3	5430	283	0	31	96	65	422	16	108	3220	0
4	3320	268	0	30	115	85	361	16	103	4550	0
5	3350	268	0	30	84	54	377	16	108	3330	0
6	2930	268	0.01	29	103	74	248	16	110	3410	0
7	5250	266	0.02	29	133	104	225	16	101	3520	0
8	3780	266	0.02	29	147	118	438	16	108	4320	0
9	2900	266	0	28	91	63	444	16	108	3770	0
10	2170	265	0	27	74	47	287	16	106	2730	0
11	2090	263	0	30	45	15	315	16	103	2420	0
12	2980	263	0	28	77	49	316	16	106	2330	0
13	3920	251	0	29	131	102	290	16	104	3000	0
14	4800	237	0	27	101	74	253	15	100	3570	0
15	7770	373	0	26	99	73	332	15	104	4640	0
16	9480	393	0	31	93	62	360	15	109	6740	0
17	5980	496	0	31	88	57	460	15	114	7040	0
18	5680	571	4.4	36	111	75	484	15	119	5410	0
19	9770	594	4.8	43	105	62	534	15	117	5310	0
20	8050	568	7.5	41	173	132	518	16	112	8100	0
21	8940	565	9.5	42	216	174	444	15	113	6860	0
22	7650	515	8.8	40	235	195	501	16	115	7220	0
23	7900	384	7	36	126	90	490	16	120	6800	0
24	7790	379	1.8	34	104	70	555	16	121	6610	0
25	7810	355	0.01	35	78	43	616	16	122	6070	0
26	7590	442	2.1	40	89	49	640	16	123	8040	0
27	9860	428	9.9	38	108	70	491	16	132	6550	0
28	10400	328	3.6	42	125	83	502	16	133	8550	0
TOTAL	163960	10103	59.46	926	3233	2307	11495	441	3151	140400	0
MEAN	5856	361	2	33	115	82	411	16	113	5014	0
ACFT	325215	20039	118	1837	6413	4576	22800	875	6250	278483	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	11	0.67	0.36	20	1	33	0	323	26	3220	260
2	18	0.67	1.5	22	1	43	0	314	22	3370	260
3	17	3.4	0.36	30	0	37	0	311	22	3390	260
4	20	4	0.36	22	1	38	0	390	9.7	3370	260
5	28	4	0.36	18	2	47	0	371	7.5	3400	260
6	31	4	0.36	27	1	44	0	377	15	3650	516
7	38	4	1.5	20	0	32	0	386	27	3320	396
8	27	4	0.36	11	0	40	0	379	26	3810	250
9	20	2	0.36	43	0	40	0	382	27	4240	250
10	36	1	13	31	1.8	62	0	406	26	4660	997
11	14	1	8	31	0	37	0	398	26	4480	1390
12	28	1	1.1	13	1	52	0	371	26	4230	1030
13	22	4.4	0.73	20	2.3	36	0	373	27	3020	496
14	7.7	4	4	25	3	31	0	354	26	3580	250
15	12	4	7.3	26	11	30	0	328	13	4740	250
16	16	4.7	1.8	30	20	34	0	343	26	5050	250
17	25	4.4	0.73	27	20	42	0	350	27	5500	250
18	26	1	2.9	28	20	19	0	354	27	6260	250
19	26	0.34	2.9	30	18	33	0	319	12	6340	250
20	28	0.34	1.5	19	18	33	0	318	14	6080	250
21	25	0.34	0.36	26	20	34	0	345	29	5840	368
22	22	3	0.73	33	17	25	16	343	28	7180	250
23	24	3	0.36	38	18	31	25	304	11	7470	250
24	31	0.34	2.2	20	23	26	25	299	18	7550	250
25	32	0.34	1.1	26	27	61	25	304	25	7830	250
26	36	0.34	1.1	20	18	40	25	285	34	7620	250
27	18	0.34	6.6	34	19	40	25	311	33	7410	250
28	17	9	0.73	6.9	24	9.6	25	280	33	6920	317
TOTAL	655.7	69.62	62.66	696.9	287.1	1029.6	166	9618	643.2	143530	10560
MEAN	23	2	2	25	10	37	6	344	23	5126	377
ACFT	1301	138	124	1382	569	2042	329	19077	1276	284692	20946

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Lower Colorado River - Diversions and Return Flows - Provisional Data

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	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	336	0	0	12	805	2140	6.3	213	7.7	9.4	57
2	334	42	0	10	821	2160	6.3	266	8.3	13	21
3	332	148	0	12	817	2120	6.3	296	8.6	6.7	41
4	331	189	0	12	809	2130	6.3	286	14	4.2	113
5	329	188	0	12	783	2140	6.3	208	14	3.1	77
6	429	182	0	12	812	2160	6.3	169	3.4	1.4	102
7	455	177	0	14	991	2260	6.3	136	1.2	0	76
8	331	171	0	13	717	2100	6.3	516	10	2.7	219
9	330	166	0	12	720	2130	7.2	748	29	0	290
10	666	161	0	14	907	2120	7.2	520	13	0	137
11	1360	178	0	14	1610	2430	7.2	328	20	0	57
12	1250	196	0	15	1650	2510	7.2	154	7.9	17	60
13	722	197	0	16	1390	2340	7.2	103	21	9.2	47
14	341	190	0	15	910	2310	7.2	117	13	5.7	23
15	331	181	0	14	726	2370	8.3	395	19	5.7	185
16	327	172	0	13	648	2380	8.3	429	25	8	173
17	325	162	0	12	611	2350	8.3	686	29	4	250
18	326	151	0	11	576	2370	8.3	994	49	18	343
19	327	133	0	12	567	2350	8.3	713	31	15	402
20	328	106	0	12	564	2370	8.3	592	39	11	450
21	368	29	0	8.2	630	2340	8.3	502	26	0	344
22	404	16	0	7.7	733	3000	8.3	1050	74	0	437
23	320	14	0	13	543	2620	11	1100	50	6	466
24	320	13	0	9.6	538	2620	11	945	61	1.2	488
25	319	12	0	13	528	2610	11	941	70	4.6	515
26	319	11	0	11	524	2620	11	774	29	12	529
27	320	10	0	11	534	2620	11	739	52	3.1	610
28	348	20	0	9.8	547	2630	11	375	13	9.8	351
TOTAL	12228	3215	0	340.3	22011	66300	226	14295	738.1	170.8	6863
MEAN	437	115	0	12	786	2368	8	511	26	6	245
ACFT	24254	6377	0	675	43659	131506	448	28354	1464	339	13613

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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	12	2740	16	0	1	4	461	0	343	118	0
2	9	2840	16	0	2.8	1.7	461	3.1	326	132	0
3	11	2830	16	0	1.4	0.6	478	5.5	334	139	0
4	15	2820	16	0	4	3.6	465	2.8	316	146	0
5	24	2930	16	0	2.9	0.59	461	2.5	288	170	2.5
6	23	2960	33	0	3.1	0.59	457	1.7	283	172	7.6
7	5.4	2780	21	0	1.4	0.52	453	0	307	146	1.7
8	30	3040	16	0	2.8	0.47	454	3.8	177	273	1.7
9	54	3230	16	0	1.3	0.47	465	4.1	224	237	15
10	42	3140	16	0	1.1	0.47	450	0	309	141	1.5
11	23	2760	16	0	0.97	0.49	480	0	311	169	1.3
12	23	3040	16	0	1.6	2.2	463	2.8	233	227	3.5
13	14	2410	16	0	1.1	0.36	461	5.9	189	266	1.1
14	8.2	3210	16	0	2.3	0.33	460	0	232	228	0.99
15	18	4090	16	0	1.9	0.32	504	5	192	307	4.4
16	47	4360	27	0	3.1	0.31	456	2.2	70	384	12
17	43	4560	43	0.78	3.7	5.2	456	2.7	57	396	21
18	49	5010	54	0	9.6	8.7	473	19	30	424	29
19	54	5370	59	0	1.5	4.9	508	16	43	449	26
20	49	5230	50	0	0.81	6.8	489	40	22	427	18
21	54	4960	28	0	0.76	5.3	460	21	90	349	14
22	86	5870	30	0	0.76	11	484	31	50	403	0.32
23	104	6110	49	0	18	0.32	560	32	24	504	15
24	85	6340	65	0	15	8.7	630	13	33	584	24
25	78	6630	54	0	22	9.4	639	6	9	624	15
26	72	6590	66	0	5.8	23	632	15	9	608	13
27	34	6410	68	0	2.7	27	541	4.9	17	519	7.1
28	8.4	6220	30	0	0.9	8.1	449	0	34	415	0.32
TOTAL	1075	118480	885	0.78	114.3	135.44	13750	240	4552	8957	236.03
MEAN	38	4231	32	0	4	5	491	9	163	320	8
ACFT	2132	235005	1755	2	227	269	27273	476	9029	17766	468

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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	1270	936	0	1.8	2	10	3.5	4.2	153	21	2.9
2	1250	1090	0	1.8	2.3	18	6.5	6	151	38	2.8
3	1240	1090	0	1.7	7	18	6.5	4.9	151	38	2.1
4	1230	1040	0	1.6	1.8	18	6.5	3.2	155	38	4.1
5	1240	1150	0	1.5	2.9	18	6.5	8.2	164	38	4.8
6	1260	1150	0	1.5	1.2	18	6.5	2.5	159	38	2.4
7	1210	1010	0	1.7	0.07	18	6.5	1.7	163	38	0.84
8	1270	1130	0	1.5	1.4	18	6.5	4.2	160	38	1.7
9	1300	1270	0	1.7	0.07	18	6.5	9.9	167	38	3.1
10	1210	1280	0	2.1	0.33	21	6.5	10	179	38	0.53
11	777	1120	0	1.9	0.09	25	6.5	3.1	170	38	0.02
12	764	648	0	2	3	25	6.5	2.5	164	38	3.4
13	764	779	0	1.9	13	25	6.5	6.2	162	38	1.4
14	1350	1190	0	1.8	14	25	6.5	15	158	38	0.88
15	1500	1610	0	1.7	3.3	25	6.5	7.4	157	38	4.7
16	1670	1780	0	1.6	8.6	25	6.5	2.4	163	38	2.4
17	1680	2090	0	1.5	7.2	25	6.5	9.4	171	38	2.9
18	1710	2650	0	1.5	3.6	25	6.5	10	178	38	4.5
19	1700	3150	0	1.5	2.8	25	6.5	12	162	38	2.2
20	1730	3000	0.94	1.8	2.3	25	6.5	16	148	38	1.3
21	1670	2710	0.77	2.9	0.39	25	6.5	5.5	161	38	0.02
22	2170	2780	0	4.7	0.16	25	6.5	12	165	38	5.7
23	1940	3180	0	4.8	4.2	25	6.5	11	157	36	4
24	1950	3390	0	1.6	2.8	25	6.5	6.4	172	35	8.1
25	1950	3730	0	1.5	7.8	25	6.5	14	166	35	6.7
26	1950	3740	0	1.4	6.3	25	6.5	11	168	35	1.5
27	1950	3630	0	1.5	5.1	25	6.5	10	164	35	3
28	1950	3460	0	2.1	2.3	25	6.5	7.4	170	35	0.02
TOTAL	41655	55783	1.71	54.6	106.01	625	179	216.1	4558	1030	78.01
MEAN	1488	1992	0	2	4	22	6	8	163	37	3
ACFT	82623	110646	3	108	210	1240	355	429	9041	2043	155

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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 #.

Day	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
	*09529440	09529600	09529700	09529800	09529900	09530000	*09530200	09530400	09530500
1	2.7	1.8	16	0.7	5.2	57	43	2.9	8.4
2	5	1.8	16	0.7	5.2	54	85	2.9	8.3
3	5	1.8	16	0.7	5.2	51	85	2.9	8.3
4	5	1.8	16	0.7	5.2	52	85	2.9	8.2
5	5	1.8	16	0.7	5.2	50	85	2.9	8.1
6	5	1.8	16	0.7	5.2	50	85	2.9	9.2
7	5	1.8	16	0.7	5.2	61	85	2.9	8.4
8	5	1.8	16	0.7	5.2	59	85	2.9	7.7
9	5	1.8	16	0.7	5.2	60	80	2.9	8.2
10	5	1.8	16	0.7	5.2	60	83	2.9	8.8
11	5	1.8	16	0.7	5.2	66	85	2.9	8.1
12	5	1.8	16	0.7	5.2	66	85	2.9	7.8
13	5	1.8	16	0.7	5.2	63	85	2.9	7.9
14	5	1.8	16	0.7	5.2	56	85	2.9	7.5
15	5	1.8	16	0.7	5.2	53	85	2.9	7.4
16	5	1.8	16	0.7	5.2	50	70	2.9	7.7
17	5	1.8	16	0.7	5.2	46	85	2.9	8.1
18	5	1.8	16	0.7	5.2	53	89	2.9	9.4
19	5	1.8	16	0.7	5.2	53	88	2.9	8.1
20	5	1.8	16	0.7	5.2	55	85	2.9	6.3
21	5	1.8	16	0.7	5.2	49	85	2.9	7.2
22	5	1.8	16	0.7	5.2	51	77	2.9	8.4
23	5	1.8	16	0.7	5.2	49	82	2.9	7.5
24	5	1.8	16	0.7	5.2	51	83	2.9	7.7
25	5	1.8	16	0.7	5.2	54	80	2.9	8.2
26	5	1.8	16	0.7	5.2	50	80	2.9	8.6
27	5	1.8	16	0.7	5.2	52	80	2.9	8.1
28	5	1.8	16	0.7	5.2	55	80	2.9	8.3
TOTAL	137.7	50.4	448	19.6	145.6	1526	2290	81.2	225.9
MEAN	5	2	16	1	5	55	82	3	8
ACFT	273	100	889	39	289	3027	4542	161	448

*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	7850
#Unit B Main Canal	9522900	908
#City of Yuma Diversions	9526000	912
Wellton Mohawk MODE # 2	9531800	0

RESERVOIRS

	#LAKE MEAD	LAKE MOHAVE	LAKE HAVASU	#ALAMO LAKE	#Senator Wash
End of Current Months Contents	11780000	1680000	550800	201800	6149
End of Previous Months Contents	11493000	1734000	600200	189700	8342
Change in Contents	287000	-54000	-49400	12100	-2193

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