



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 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	11000	14	13000	13000	13700	33	0	2320	39	13	5890
2	11100	14	11400	13600	13400	33	0	2180	39	13	5940
3	11200	12	11800	13100	12800	27	0	2220	39	13	6130
4	11300	12	11800	13100	12800	24	0	2300	39	13	3540
5	11300	12	11900	14400	10500	16	0	2300	39	13	5960
6	11200	12	11900	12900	9300	0	0	2490	39	13	4850
7	10700	13	11800	11300	9560	0	0	2560	39	13	4870
8	10400	13	11300	9940	11200	3.1	0	3250	39	13	6020
9	11300	16	11100	15600	10500	3.4	0	3450	39	13	5420
10	11300	20	11900	13500	11800	3.4	0	3280	39	13	5980
11	11200	13	11900	15200	11600	21	0	3350	39	13	5980
12	11200	12	11800	12300	9760	25	0	3360	39	13	5930
13	11200	14	11800	16400	8930	5.4	0	3340	39	13	5910
14	10600	13	11900	9170	9280	2.1	0	3330	39	13	5950
15	10400	14	11300	13700	9540	0.35	0	3310	39	12	5900
16	11100	13	11100	14600	11000	2.7	0	3240	39	13	6030
17	11100	12	11800	12800	11400	20	0	3210	39	13	5990
18	11200	16	11800	9770	13700	42	0	3250	39	12	5970
19	11100	13	11800	5980	11900	37	0	3260	39	11	6110
20	11000	12	11700	7240	12000	39	0	3300	113	11	6000
21	10600	13	11700	5720	12100	36	0	3200	272	11	5830
22	10400	15	11200	7340	13900	46	0	3220	272	11	5960
23	10900	16	11000	10400	12900	68	0	3160	272	11	5970
24	11200	18	11700	13400	14500	44	0	2410	394	11	5970
25	11200	32	11800	16400	14600	89	0	2450	538	12	5820
26	11300	29	11800	17000	12600	50	0	2740	514	147	6140
27	11300	22	12000	14400	14600	46	0	2940	442	265	6150
28	10900	16	12100	10200	15800	78	0	3040	339	295	6150
TOTA	308700	431	328100	342460	335670	794.45	0	82460	3897	1017	162360
MEAN	11025	15	11718	12231	11988	28	0		139	36	
ACFT	612306	855	650786	679269	665801	1576	0		7730	2017	

*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	7270	887	10	62	88	21	368	17	184	7050	0
2	7330	888	3.5	56	82	21	625	17	183	6230	0
3	7340	874	5.1	55	81	21	657	18	183	5660	0
4	7270	769	7.7	60	86	21	809	17	177	6220	0
5	6450	751	2.6	60	86	21	855	17	169	6050	0
6	6340	672	4.8	50	76	21	958	17	169	4910	0
7	5880	465	14	48	74	21	736	17	172	5320	0
8	5390	320	22	52	78	21	460	17	168	5520	0
9	4480	431	3.1	54	80	21	498	17	156	4970	0
10	4070	377	0.69	47	73	21	500	17	156	3300	0
11	4920	367	4	44	70	21	577	17	152	3650	0
12	4470	368	6.3	55	81	21	629	17	149	3950	0
13	4990	332	2.7	49	75	21	612	17	148	3710	0
14	4970	308	2.3	46	72	21	579	17	147	4260	0
15	5320	308	1.8	46	72	21	416	17	145	4800	0
16	7170	307	1.3	45	71	21	537	17	149	4780	0
17	7880	307	0.78	44	70	21	660	17	151	6510	0
18	7260	306	1.4	45	71	21	755	17	143	7060	0
19	6220	316	3.8	50	76	21	818	17	144	6010	0
20	8170	370	2.4	47	73	21	822	17	141	5450	0
21	9060	370	1.2	59	85	21	883	17	140	7160	0
22	9870	430	1.8	55	81	21	733	17	140	8430	0
23	8800	493	5.9	55	81	21	780	17	140	8660	0
24	9690	606	5.7	49	75	21	824	17	138	8470	0
25	8000	783	3.1	57	83	21	842	17	143	8670	0
26	6970	883	3.3	67	93	21	933	17	142	5150	0
27	9260	961	6.5	58	84	21	947	17	142	5560	0
28	10900	1020	9.1	63	89	21	917	17	146	7990	0
TOTA	195740	15269	136.87	1478	2206	588	19730	477	4317	165500	0
MEAN	6991	545	5	53	79	21	705	17	154	5911	0
ACFT	388250	30286	271	2932	4376	1166	39134	946	8563	328269	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	48	0.34	0.73	23	4.9	47	12	360	5.8	5790	520
2	33	1	4.7	40	5.4	33	20	336	2.9	6320	268
3	29	5.4	4	34	5.6	44	3.1	371	0.8	6430	271
4	24	1.7	5.5	28	4.7	25	0	407	9.9	6570	260
5	21	1.7	11	15	3.9	34	0	427	33	6670	260
6	23	1.7	8	31	4.7	40	0	403	26	6010	260
7	18	5	6.2	32	7.9	51	0	419	20	6590	1640
8	12	7	5.1	30	4.7	24	0	419	17	6520	2950
9	26	5	1.8	29	6.2	25	0	385	16	5950	2330
10	23	9.7	3.3	26	3.5	44	0	383	17	5660	2100
11	18	7.7	4	26	3.5	45	0	381	16	5390	1800
12	35	0.34	7.7	35	3.5	48	0	368	18	4350	300
13	29	0.34	3.3	19	2.5	33	0	371	8.3	4680	250
14	46	0.34	1.8	29	3.2	45	0	356	0.9	4640	250
15	37	0.34	1.8	31	4.3	59	0	366	18	4420	250
16	35	0.34	0.36	30	4.1	45	0	371	21	5720	250
17	39	0.34	0.36	13	4.1	33	0	364	5.1	5850	250
18	41	0.34	2.9	21	7.2	51	0	370	7	6410	250
19	17	5.7	3.3	19	5.6	46	15	381	4.5	6770	250
20	14	5.4	0.36	19	4.9	52	25	411	13	6540	250
21	42	3.7	1.5	29	6.5	45	12	407	3.4	6400	250
22	31	2.7	4	29	7.9	62	19	409	14	6090	250
23	54	20	6.9	25	4.5	61	0	421	10	7510	253
24	29	11	0.36	17	2.5	44	0	385	0.2	7900	253
25	22	0.34	5.5	16	6.2	59	0	409	0	7940	257
26	27	11	0.36	22	5.1	59	0	411	0	8240	250
27	20	16	0.36	19	8.5	47	0	397	2.9	7690	250
28	20	1.3	5.1	22	8.2	40	0	401	7.9	7420	250
TOTA	813	125.76	100.29	709	143.8	1241	106.1	10889	298.6	176470	16972
MEAN	29	4	4	25	5	44	4	389	11	6303	606
ACFT	1613	249	199	1406	285	2462	210	21598	592	350028	33664

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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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	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	386	0	0	8.2	627	2280	6.9	244	4.6	0	84
2	391	0	0	8.4	614	2380	6.9	888	43	1.7	375
3	387	0	0	12	582	2320	6.9	911	49	14	360
4	391	0	0	7.2	588	2340	6.9	962	48	11	432
5	389	0	0	6.9	602	2340	6.9	981	43	7.9	497
6	376	0	0	8	631	2380	6.9	684	57	0	457
7	665	0	0	10	740	2340	6.9	469	48	12	292
8	2430	0	0	15	2300	3020	6.9	269	5.2	12	117
9	2710	0	0	19	2930	3740	5.1	673	9.8	17	273
10	2440	0	0	16	3020	3960	5.1	371	3.8	13	196
11	2090	0	0	9.6	2780	3710	5.1	362	3.8	0	133
12	698	0	0	8.1	1720	2910	5.1	335	9.5	0	185
13	441	0	0	7	857	2540	5.1	355	41	3.9	187
14	417	0	0	7.3	799	2530	5.1	322	20	7.3	167
15	399	0	0	7.7	882	2520	5.1	267	3.2	3.2	124
16	384	0	0	8.2	723	2530	6.9	681	41	0.95	275
17	371	0	0	7.9	629	2540	6.9	695	26	1.3	237
18	356	0	0	7.9	597	2580	6.9	773	46	11	265
19	345	0	0	8.1	564	2570	6.9	940	61	13	377
20	368	0	0	8.7	582	2550	6.9	599	46	7.1	396
21	385	0	0	9.6	634	2730	6.9	480	29	14	359
22	396	0	0	9.3	638	2720	6.9	304	14	4	181
23	404	0	0	7.5	629	2710	10	991	44	19	432
24	409	0	0	7	618	2640	10	1080	43	1.6	561
25	405	0	0	7.2	597	2760	10	1060	75	15	513
26	407	0	0	9.3	570	2790	10	943	63	9.3	446
27	411	0	0	7.2	606	2790	10	758	96	0	375
28	413	0	0	6.8	656	2750	10	566	58	3.4	336
TOTA	19664	0	0	255.1	27715	75970	199.2	17963	1030.9	202.65	8632
MEAN	702	0	0	9	990	2713	7	642	37	7	308
ACFT	39004	0	0	506	54973	150686	395	35630	2045	402	17122

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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	17	5020	8.7	0	15	0.53	541	20	80	441	0.31
2	30	5160	35	0.51	17	7.7	530	15	71	444	15
3	86	5240	63	0	11	0.47	556	0	66	490	3.4
4	90	5340	43	0	1	5.5	553	6.6	42	504	15
5	87	5420	48	0	6	19	532	16	62	454	14
6	85	5060	14	0	16	11	512	3.1	110	399	14
7	63	4470	16	0	0.65	0.41	489	0	192	297	5.1
8	18	3290	7.9	0	0.14	0.43	479	0	317	162	0.45
9	43	2940	7.9	0	0.13	0.46	466	0.17	222	244	0.4
10	18	3180	7.9	0	1.9	10	458	0	220	238	0.32
11	32	3220	7.9	0	0.58	5.6	476	1.9	270	204	14
12	31	3710	8	0	0.45	7	465	11	218	236	18
13	45	4070	23	0	12	4.9	465	21	106	338	4.7
14	39	4060	17	0	6	0.52	465	11	127	327	1.5
15	11	3900	8	0	0.22	0.49	465	1.7	246	217	0.43
16	52	4780	30	0	8.9	12	479	15	118	346	20
17	34	4900	54	0	15	9.3	557	21	73	463	37
18	39	5380	72	0	22	5.5	597	29	39	529	38
19	47	5570	58	1.5	19	12	631	46	45	540	31
20	40	5680	54	0	20	9.7	720	40	72	608	35
21	26	5660	24	0	14	0.95	667	15	59	593	12
22	6.3	5530	4.6	0	0.29	2.9	521	0	36	485	4.4
23	68	6260	70	0	5.8	6	550	12	42	496	15
24	80	6560	75	0	10	5.5	603	19	54	530	10
25	88	6610	41	0	34	10	616	38	36	542	19
26	122	7040	67	0	26	23	696	52	38	606	25
27	133	6670	67	5.4	23	8.8	692	35	41	616	16
28	90	6590	74	0	9.3	5.1	722	12	61	649	16
TOTA	1520.3	141310	1005.9	7.41	295.36	184.76	15503	441.47	3063	11998	385.01
MEAN	54	5047	36	0	11	7	554	16	109	429	14
ACFT	3016	280288	1995	15	586	366	30750	876	6075	23798	764

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Lower Colorado River - Diversions and Return Flows - Provisional Data

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	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	1370	2550	0	3	0.04	26	35	4.3	164	20	3.7
2	1580	2990	0	2.9	0.4	26	35	3.2	159	20	5.1
3	1540	3150	0	3	1.1	26	35	3.4	158	20	4.9
4	1540	3230	0.82	3.1	1.9	26	35	4	154	20	2
5	1550	3320	0	2.8	1.2	26	35	0.2	157	20	1.1
6	1560	2940	0	2.8	0.01	26	35	5.7	152	20	3.7
7	1330	2270	0	3.1	1.8	26	35	4.9	152	20	3.5
8	871	1490	0	3.4	0.84	26	35	2.3	164	20	4.5
9	761	1380	0	3	3.6	26	35	4.4	156	20	8
10	760	1700	0	2.9	3.3	17	26	1.3	167	20	5.9
11	762	1740	0	2.9	0.01	18	27	1.9	151	20	1
12	898	2160	0	2.8	0	26	35	1.9	156	20	0.02
13	1530	2050	0	2.7	2.4	26	35	5	162	20	2
14	1580	1950	0	2.8	9.9	26	35	6.7	151	20	2.1
15	1530	1860	0	2.6	1.8	26	35	3.9	148	20	0.53
16	1730	2160	0	2.6	0.51	26	31	6.2	147	20	3.3
17	1800	2130	0	3.3	0.98	26	29	8.6	146	20	2.2
18	1870	2600	1.3	2.8	1.4	26	30	7.3	165	20	2
19	1870	2890	0	2.7	2.3	26	28	6.7	162	29	4.6
20	1820	2980	0	2.9	2.9	26	28	9.5	159	38	3.2
21	1960	2930	0	2.7	3.1	26	28	2.3	158	38	0.76
22	1920	2930	0	2.6	2.6	26	28	1.2	163	38	0.42
23	1920	3450	0	2.6	3	26	28	2.6	155	38	3.6
24	1880	3860	0	2.6	1.7	26	28	1.1	163	38	6.7
25	1970	3790	0	3.1	2.7	26	28	0.91	153	38	3.8
26	2000	4170	0.57	3	2.9	26	28	0.84	148	38	6
27	1990	3830	0	3	0.09	26	28	2.6	159	38	5.8
28	1910	3730	0	2.9	1.4	26	28	3.1	166	38	10
TOTA	43802	76230	2.69	80.6	53.88	711	878	106.05	4395	731	100.43
MEAN	1564	2723	0	3	2	25	31	4	157	26	4
ACFT	86881	151202	5	160	107	1410	1742	210	8717	1450	199

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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 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	1.8	16	0.7	5.2	53	55	2.9	7.6
2	4.8	1.8	16	0.7	5.2	56	55	2.9	7.5
3	4.8	1.8	16	0.7	5.2	52	55	2.9	7.9
4	4.8	1.8	16	0.7	5.2	56	55	2.9	7.8
5	4.8	1.8	16	0.7	5.2	51	55	2.9	9.2
6	4.8	1.8	16	0.7	5.2	53	46	2.9	10
7	4.8	1.8	16	0.7	5.2	59	37	2.9	9.9
8	4.8	1.8	16	0.7	5.2	61	32	2.9	8.5
9	4.8	1.8	16	0.7	5.2	76	32	2.9	7.7
10	4.8	1.8	16	0.7	5.2	80	41	2.9	7.6
11	4.8	1.8	16	0.7	5.2	67	46	2.9	7.5
12	4.8	1.8	16	0.7	5.2	58	53	2.9	8.1
13	4.8	1.8	16	0.7	5.2	55	55	2.9	9.5
14	4.8	1.8	16	0.7	5.2	57	55	2.9	8.4
15	4.8	1.8	16	0.7	5.2	62	55	2.9	7.9
16	4.8	1.8	16	0.7	5.2	52	55	2.9	7.6
17	4.8	1.8	16	0.7	5.2	58	55	2.9	7.5
18	4.8	1.8	16	0.7	5.2	52	55	2.9	9.7
19	4.8	1.8	16	0.7	5.2	51	55	2.9	8.3
20	4.8	1.8	16	0.7	5.2	54	55	2.9	9.7
21	4.8	1.8	16	0.7	5.2	55	55	2.9	11
22	4.8	1.8	16	0.7	5.2	58	55	2.9	10
23	4.8	1.8	16	0.7	5.2	58	55	2.9	11
24	4.8	1.8	16	0.7	5.2	53	58	2.9	8.5
25	4.8	1.8	16	0.7	5.2	51	57	2.9	8.8
26	4.8	1.8	16	0.7	5.2	52	58	2.9	8.5
27	4.8	1.8	16	0.7	5.2	55	59	2.9	9.5
28	4.8	1.8	16	0.7	5.2	54	59	2.9	8.9
TOTA	134.4	50.4	448	19.6	145.6	1599	1458	81.2	244.1
MEAN	5	2	16	1	5	57	52	3	9
ACFT	267	100	889	39	289	3172	2892	161	484

*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	8220
#Unit B Main Canal	9522900	1010
#City of Yuma Diversions	9526000	1560
Wellton Mohawk MODE # 2	9531800	0

RESERVOIRS

	#LAKE MEAD	LAKE MOHAVE	LAKE HAVASU	#ALAMO LAKE	#Senator Wash
End of Current Months Contents	12539000	1680000	546120	161700	6820
End of Previous Months Contents	12572000	1644000	557500	155000	6250
Change in Contents	-33000	36000	-11380	6700	570

*Data furnished by other agencies.

#Data furnished by other agencies in acre-feet.