



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 2008

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	11400	20	16000	10400	10700	0	0	2520	32	13	5510
2	10200	24	15000	7150	10500	0	0	2520	37	13	5510
3	10200	35	14700	9030	9730	0	0	2520	37	13	5960
4	10700	29	12300	12700	9690	0	0	2560	37	13	5240
5	10700	35	12000	14200	9360	0.55	0	2590	37	12	5520
6	10700	28	11900	12100	10700	2.2	0	3050	37	12	5510
7	10600	29	11700	11800	11000	33	0	3040	37	12	5500
8	10600	34	11500	10400	10700	7.8	0	3040	37	12	5660
9	10300	42	11400	7440	10600	0	0	3020	37	12	5650
10	10400	50	10900	6560	10700	0	0	2510	37	12	5950
11	10800	56	11100	10100	12300	0	0	2530	37	12	4520
12	10700	59	12000	9690	12200	0	0	2550	37	12	5260
13	10600	99	12100	8430	16800	0	0	2500	37	12	5460
14	10700	230	12300	9360	21500	0	0	2880	37	12	5380
15	10700	142	12500	13200	12600	0	0	3040	37	12	5560
16	10100	89	12500	6750	12300	0	0	2110	37	12	5310
17	10300	109	12300	7660	12900	0	0	2050	37	12	5610
18	10700	108	12900	12900	13500	0	0	2050	37	12	5660
19	10800	107	13000	13400	13400	0	0	2050	37	12	5660
20	10800	111	12800	15400	12800	0	0	1970	37	12	5660
21	10800	94	12400	13400	12600	0	0	1830	37	12	5020
22	10800	91	12000	15700	13100	0	0	1820	37	13	4460
23	10600	106	12100	14400	12900	0	0	1820	37	12	5220
24	10400	87	11600	11200	12900	0	0	1820	37	13	5660
25	10800	149	11800	14800	12700	21	0	1810	37	12	5560
26	10900	108	12200	14000	12700	44	0	1830	37	12	5340
27	10800	81	11800	14100	13800	50	0	1840	37	12	5330
28	10800	78	11800	14500	20100	118	0	1830	37	12	5330
29	10800	85	11700	11400	18100	117	0	1840	37	12	5280
TOTAL	308700	2315	358300	332170	372880	393.55	0	67540	1068	354	157290
MEAN	10645	80	12355	11454	12858	14	0		37	12	
ACFT	612306	4592	710688	658859	739607	781	0		2118	702	

*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	5510	407	6.1	44	70	21	539	18	135	3400	0
2	4780	361	4.6	41	67	21	460	18	132	5130	0
3	4500	367	5.2	39	65	21	424	18	133	3590	0
4	5630	493	11	43	69	21	709	19	133	4090	0
5	7560	666	1.6	43	69	21	733	19	134	5210	0
6	6730	751	5.2	47	73	21	794	17	139	5880	0
7	5610	764	2.7	48	74	21	792	17	134	5220	0
8	7240	764	4.4	48	74	21	881	17	138	4610	0
9	7480	713	3	44	70	21	863	17	142	5730	0
10	7800	499	0.49	54	80	21	773	17	141	6060	0
11	8280	620	6.4	55	81	21	876	17	141	6540	0
12	9160	816	6.5	50	76	21	970	17	130	6380	0
13	8990	854	12	52	78	21	976	18	128	7140	0
14	9190	639	23	51	77	21	973	18	128	6380	0
15	8680	562	2.8	53	79	21	1120	18	133	6770	0
16	9800	571	15	54	80	21	1190	18	126	8320	0
17	9070	688	15	54	80	21	941	18	125	6120	0
18	8920	801	5.2	68	94	21	1110	18	123	7330	0
19	8790	844	2.3	61	87	21	1100	18	126	6830	0
20	9330	737	13	57	83	21	1160	19	124	6800	0
21	6280	913	6.1	54	80	21	1280	19	125	6340	0
22	8780	725	7.5	65	91	21	1210	19	133	5050	0
23	8810	584	5.6	59	85	21	1110	19	131	6760	0
24	9360	509	1.2	46	72	21	936	20	129	7100	0
25	8720	592	0.81	47	73	21	1060	20	135	7440	0
26	8820	666	1.7	51	77	21	1020	20	137	6340	0
27	11600	775	5	56	82	21	1160	21	135	7550	0
28	10800	768	10	56	82	21	1250	21	133	8320	0
29	12500	716	8.1	64	90	21	1190	22	124	9750	0
TOTAL	238720	19165	191.5	1504	2258	609	27600	537	3827	182180	0
MEAN	8232	661	7	52	78	21	952	19	132	6282	0
ACFT	473501	38014	380	2983	4479	1208	54745	1065	7591	361354	0

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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	35	0	0.36	41	11	48	0	343	20	3570	353
2	31	0	0.36	26	18	49	0	368	18	4370	1020
3	31	0	6.7	27	7.7	54	0	345	23	4000	916
4	31	0	11	19	8.5	52	0	381	30	5440	1250
5	44	39	0.73	9.8	9.2	43	0	399	30	5070	251
6	36	2.7	5.5	24	14	43	0	379	11	5710	250
7	34	15	6.9	15	14	44	0	385	9.9	5950	250
8	32	22	15	13	9.8	18	0	375	28	5940	494
9	31	21	4.4	13	14	22	0	381	26	5700	250
10	16	19	1.1	34	8.7	40	0	385	28	5350	250
11	22	17	5.8	15	14	46	0	373	13	6780	270
12	40	1.7	17	5.5	9.8	19	0	349	3.1	7740	270
13	32	2	15	27	13	38	0	351	13	7400	270
14	17	7	6.2	18	10	59	0	353	4.5	7550	270
15	17	11	6.2	32	9	36	0	329	4.5	7610	270
16	39	5	8.8	29	15	50	0	309	3.7	7320	270
17	34	2.4	10	24	8.7	29	0	383	14	6890	546
18	36	1.7	6.6	14	12	69	0	393	2.9	8130	714
19	50	1.7	0.36	24	18	75	0	364	7	7800	270
20	30	2	0.36	19	13	53	0	419	31	7650	270
21	27	1.7	2.6	15	12	44	0	413	33	7900	270
22	36	2.4	13	37	17	43	0	439	32	7460	493
23	47	2	11	39	14	75	0	448	32	7230	333
24	48	4	5.5	52	13	74	0	419	32	6650	320
25	41	1.7	9.1	19	11	72	0	409	21	7860	278
26	38	1.7	8.8	13	12	49	0	425	16	8440	270
27	25	1.7	7.7	13	14	40	0	427	16	8730	370
28	40	14	20	16	12	29	0	423	8.7	8900	370
29	43	10	10	13	14	63	0	423	18	9090	370
TOTAL	983	209.4	216.07	646.3	356.4	1376	0	11190	529.3	198230	11778
MEAN	34	7	7	22	12	47	0	386	18	6836	406
ACFT	1950	415	429	1282	707	2729	0	22195	1050	393189	23362

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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	421	8.8	0	11	796	2310	4.7	188	18	8.8	4.2
2	720	8.8	0	11	821	2310	4.7	208	14	2.3	32
3	995	8.8	0	9.8	1380	2530	4.7	201	8.9	0	54
4	1380	8.5	0	8.6	1500	2370	4.7	552	17	14	119
5	702	7.5	0	11	1290	2390	4.7	627	34	11	159
6	429	6.3	0	9.9	739	2320	4.7	836	32	1.6	388
7	400	6.1	0	12	652	2300	4.7	760	22	0.26	355
8	389	6.6	0	11	659	2300	4.7	482	36	12	243
9	402	6.7	0	9.8	689	2310	4.7	476	49	1.5	260
10	378	6.4	0	9	661	2310	4.7	316	33	16	127
11	344	5.8	0	8.7	639	2570	10	932	55	14	429
12	321	5.3	0	7.4	556	2550	10	1140	52	23	553
13	314	5	0	10	522	2520	10	1120	50	19	576
14	309	4.9	0	11	532	2490	10	903	32	1.7	550
15	310	5	0	8.7	519	2510	10	892	44	12	630
16	310	5.3	0	6.1	511	2490	10	722	59	5.6	535
17	333	5.3	0.1	8.3	568	2470	10	490	24	0	363
18	390	5.3	0.33	11	681	2510	9.6	1190	47	7.5	605
19	412	5.3	0.17	11	676	2510	9.6	1110	63	15	534
20	392	5.4	0	8.4	659	2530	9.6	1000	79	8.3	379
21	360	6	0	7.6	593	2500	9.6	1110	75	9.4	454
22	338	6.4	0	11	537	2560	9.6	557	51	15	251
23	398	6.9	0	9.3	608	2550	9.6	545	39	9	340
24	375	7	0	9.9	633	2560	9.6	459	32	1.5	235
25	368	7.1	0	12	602	2560	11	1010	69	19	408
26	338	7.3	0	9	559	2510	11	1200	71	5.2	560
27	352	7.3	0	8.5	544	2520	11	983	71	11	418
28	386	7.3	0	9.3	540	2450	11	1100	40	0	598
29	421	7.3	0	9.3	619	2730	11	899	37	0	534
TOTAL	12987	189.7	0.6	279.6	20285	71540	239.2	22008	1253.9	243.66	10693.2
MEAN	448	7	0	10	699	2467	8	759	43	8	369
ACFT	25760	376	1	555	40235	141900	474	43653	2487	483	21210

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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 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	20	3020	N	0	3.6	1.7	525	0	144	381	14
2	22	3140		0	2.6	0.53	499	3	113	383	9.5
3	9.5	2880	O	0	0.89	0.48	468	11	230	227	1.4
4	35	3630		2.2	19	18	502	13	140	349	18
5	43	4190	T	0	21	23	498	25	63	410	29
6	50	4620		0	18	6	604	27	61	516	27
7	78	4940		0	7.8	0.4	579	33	63	483	12
8	74	4960	A	3.3	14	5.3	606	22	57	527	9.8
9	49	4970		0	19	9.8	618	22	50	546	14
10	21	4780	V	0	9.5	0.47	510	1.7	93	415	15
11	41	5570		0	4	1.9	502	14	70	418	26
12	70	6320	A	0	3.4	17	530	31	54	445	34
13	87	6000		0.62	0.71	5.1	507	3.2	50	454	23
14	68	6370	I	0	0.3	10	530	19	58	453	17
15	72	6440		0.88	1.3	5.9	502	0.5	52	450	16
16	55	6320	L	0	3.9	4.3	576	28	54	494	4.8
17	20	5840		0	0.91	0.94	440	6	75	359	3.1
18	76	6220	A	1.4	16	25	515	13	117	385	12
19	98	6410		0	1.1	34	547	33	70	444	28
20	67	6370	B	0	1.5	10	512	24	77	411	18
21	75	6510		0	11	0.38	621	33	79	509	7.2
22	65	6400	L	0	24	9.3	686	26	82	578	15
23	59	6340		2.7	16	4	691	4.2	105	582	17
24	38	5860	E	0	8.7	0.51	493	0	111	382	0.62
25	43	6560		0	21	2.2	582	17	86	479	21
26	57	6960		1	11	14	589	29	112	448	46
27	59	7370		1.5	22	9.3	699	34	118	547	37
28	63	7420		0	19	26	721	17	106	598	19
29	86	7810		0	8.1	11	720	34	106	580	31
TOTAL	1600.5	164220	0	13.6	289.31	256.51	16372	523.6	2596	13253	525.42
MEAN	55	5663	0	0	10	9	565	18	90	457	18
ACFT	3175	325730	0	27	574	509	32474	1039	5149	26287	1042

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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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	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	1330	1270	0	4.5	3.4	24	37	6.9	167	19	3.9
2	1350	1380	0	4	3.3	24	37	7.1	175	19	1.8
3	1110	1410	0	3.9	0.65	24	37	5.3	183	27	3.4
4	651	2120	0	3.8	3.4	24	37	9.1	178	37	0.79
5	838	2570	0	3.7	2.8	24	37	3.6	170	37	1.5
6	1360	2500	0	3.6	3.2	24	37	5.2	164	37	5.3
7	1450	2910	0	3.7	1.9	24	37	4.1	170	38	1.7
8	1440	2890	0	3.5	4.1	24	37	4.3	163	39	10
9	1450	2860	0	3.4	2.5	24	37	4	179	37	6.2
10	1460	2730	2.9	3.7	0.81	24	37	4	185	37	3.9
11	1670	3060	1.7	3.9	2.4	24	37	3.3	173	37	1.2
12	1720	3770	1.4	4.2	4.5	23	37	2	177	38	0.3
13	1720	3530	0.53	3.6	2.2	24	37	4	167	38	2
14	1700	3880	0	3.5	3.2	24	37	2.5	162	37	3.6
15	1750	3980	0	4.4	1	24	37	3.8	154	37	4.5
16	1740	3880	0	4.3	3.1	24	37	2.5	157	37	5.5
17	1720	3540	0	3.7	0.44	24	37	2.7	157	37	1.6
18	1650	3840	0	3.9	0.74	24	37	5.3	184	37	2.9
19	1660	4020	0.02	3.5	3.6	24	37	4.4	175	38	3
20	1690	3940	0	3.6	2.4	24	37	3.2	171	37	2.1
21	1710	4020	0	4.6	0.2	24	37	3.2	154	38	1.3
22	1800	3770	0	4.7	5.1	24	37	2.1	154	39	1.4
23	1740	3750	0	4.8	4.3	24	37	4.5	158	38	1.1
24	1730	3460	0	4.9	0.38	24	37	3.4	158	37	3.9
25	1770	3800	0	5	4.3	24	37	1.7	163	38	12
26	1770	4190	0.2	5.6	1.9	24	37	4.2	161	35	4
27	1810	4580	0	4.7	0.53	24	18	6.2	163	32	0.61
28	1760	4690	0	4.4	0	24	6.6	8.1	159	32	1.8
29	1920	4970	0	4.5	0	24	20	5.1	157	39	3
TOTAL	45469	97310	6.75	119.6	66.35	695	1006.6	125.8	4838	1028	94.3
MEAN	1568	3356	0	4	2	24	35	4	167	35	3
ACFT	90188	193014	13	237	132	1379	1997	250	9596	2039	187

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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	5	1.8	16	0.7	5.2	43	38	2.9	6.7
2	5	1.8	16	0.7	5.2	43	38	2.9	7.3
3	5	1.8	16	0.7	5.2	46	38	2.9	7.1
4	5	1.8	16	0.7	5.2	45	38	2.9	6.7
5	5	1.8	16	0.7	5.2	44	38	2.9	6.9
6	5	1.8	16	0.7	5.2	43	38	2.9	8.1
7	5	1.8	16	0.7	5.2	42	37	2.9	9.7
8	5	1.8	16	0.7	5.2	43	35	2.9	7.2
9	5	1.8	16	0.7	5.2	43	35	2.9	7.4
10	5	1.8	16	0.7	5.2	42	35	2.9	6.7
11	5	1.8	16	0.7	5.2	44	36	2.9	7.2
12	5	1.8	16	0.7	5.2	44	38	2.9	6.8
13	5	1.8	16	0.7	5.2	44	38	2.9	7.4
14	5	1.8	16	0.7	5.2	44	38	2.9	8
15	5	1.8	16	0.7	5.2	44	38	2.9	7.9
16	5	1.8	16	0.7	5.2	44	38	2.9	7.9
17	5	1.8	16	0.7	5.2	45	38	2.9	7.2
18	5	1.8	16	0.7	5.2	46	38	2.9	6.7
19	5	1.8	16	0.7	5.2	47	38	2.9	7.1
20	5	1.8	16	0.7	5.2	47	38	2.9	6.9
21	5	1.8	16	0.7	5.2	47	38	2.9	7.1
22	5	1.8	16	0.7	5.2	47	38	2.9	7.6
23	5	1.8	16	0.7	5.2	48	38	2.9	6.8
24	5	1.8	16	0.7	5.2	48	36	2.9	8.6
25	5	1.8	16	0.7	5.2	49	37	2.9	6.9
26	5	1.8	16	0.7	5.2	49	37	2.9	6.9
27	5	1.8	16	0.7	5.2	50	38	2.9	8.7
28	5	1.8	16	0.7	5.2	50	31	2.9	7.3
29	5	1.8	16	0.7	5.2	50	36	2.9	6.8
TOTAL	145	52.2	464	20.3	150.8	1321	1077	84.1	213.6
MEAN	5	2	16	1	5	46	37	3	7
ACFT	288	104	920	40	299	2620	2136	167	424

*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	11050
#Unit B Main Canal	9522900	1260
#City of Yuma Diversions	9526000	1440
Wellton Mohawk MODE # 2	9531800	0

RESERVOIRS

	#LAKE MEAD	LAKE MOHAVE	LAKE HAVASU	#ALAMO LAKE	#Senator Wash
End of Current Months Contents	13062000	1592000	552500	164000	4617
End of Previous Months Contents	13017000	1664000	557300	149000	8070
Change in Contents	45000	-72000	-4800	15000	-3453

*Data furnished by other agencies.

#Data furnished by other agencies in acre-feet.