



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:

November 2012

Report Notes:

09524500 – Diversions from Yuma Main Canal between SDPP and YMCWW. Furnished flow record for Nov. 2012 not available as of 11/17/12.

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	8040	13	8490	10600	9210	0	0	522	12	7.2	6010
2	8080	15	8490	9040	7290	0	0	529	12	7.4	6010
3	8070	16	8530	7010	7900	0	0	548	12	7.8	6000
4	8100	16	8510	10800	7930	0	0	527	12	8.2	6000
5	8090	15	8540	14500	7300	0	0	525	12	8.6	5990
6	8130	16	8510	12200	6960	0	0	525	11	9.3	5990
7	8100	16	8570	14200	7270	0	0	516	11	9.3	5980
8	8270	16	8540	15100	7350	0	0	527	11	9.2	2850
9	8110	18	8660	13600	9760	0	0	501	11	9.3	3660
10	7980	15	8550	11600	10700	2.2	0	519	11	9.7	5980
11	7990	20	8370	10400	11000	4.5	0	518	11	12	5980
12	7950	18	8390	11400	10900	4.6	0	545	11	13	5980
13	7990	16	8360	13800	10800	4.7	0	522	11	13	5970
14	8100	19	8410	13600	10900	7.9	0	523	11	12	5970
15	8030	20	8560	11100	10900	6.5	0	527	11	11	5970
16	8050	21	8460	12400	10900	5.4	0	189	11	11	5970
17	8070	21	8500	8430	10900	5.6	0	0	11	10	5970
18	8200	19	8510	7890	10900	5.9	0	252	11	10	5970
19	24600	21	9500	10900	10900	4.9	0	481	11	10	5970
20	44400	19	38600	13200	10900	4.7	0	491	11	11	5970
21	41600	18	45600	10400	10900	4.6	0	483	11	11	5970
22	35500	18	39600	9490	10900	5.1	0	490	11	12	5970
23	23800	16	33400	13100	10900	5.6	0	490	11	11	5970
24	8070	15	16400	8720	10500	5.2	0	485	11	11	5970
25	7870	16	8520	8820	10400	6.4	0	485	11	11	5970
26	7900	16	8230	10800	10500	6.5	0	486	11	11	5970
27	8010	16	8210	8460	10000	5.5	0	494	10	11	5970
28	7990	17	8320	9090	10100	2.8	0	475	10	11	5970
29	7950	17	8260	10200	10500	2.5	0	512	10	11	5970
30	8000	18	8240	7040	9870	4.4	0	518	10	12	5970
TOTAL	371040	517	385830	327890	295240	105.5	0	14205	331	311	173890
MEAN	12368	17	12861	10930	9841	4	0	11	11	10	
ACFT	735958	1025	765294	650370	585609	209	0	657	657	617	

*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 below Tyson Wasteway	Colorado River below Palo Verde Dam	PVID Olive Lake Drain near Blythe CA
Day	09427520	09428500	09428505	09428508	09428510	*09428511	09429000	09429030	09429070	09429100	*09429130
1	5220	685	0.25		134		1170	18	193	3890	7
2	6520	729	4.3		142		1170	18	207	4020	7
3	6240	646	0.2		152		1120	17	214	5560	7
4	5880	544	6.2		148		819	17	194	5420	9
5	6890	577	11	D	187	D	898	17	219	5430	9
6	6080	552	3.1		168		919	17	218	6220	9
7	6260	607	1.3	I	159	I	1110	17	210	4500	9
8	5490	501	9.2		143		1040	17	211	5600	9
9	6420	469	2.5	S	138	S	912	17	211	4880	9
10	6430	498	0.57		138		722	17	199	5770	9
11	6310	442	9.3	C	122	C	577	17	202	5880	9
12	6310	427	1.7		140		853	17	224	5700	9
13	6290	427	0.56	O	131	O	894	17	201	5650	9
14	5640	428	0.68		137		895	17	223	5290	9
15	4340	455	1.3	N	135	N	892	17	219	4750	9
16	5600	434	5.6		124		837	16	221	4030	9
17	6120	432	5	T	123	T	809	16	206	4930	9
18	6700	428	2.9		154		714	16	200	5530	9
19	5550	427	10	I	129	I	830	16	221	6230	9
20	6660	427	7.2		123		940	16	213	4740	9
21	6110	427	7	N	153	N	863	16	216	5930	9
22	4510	426	32		209		575	16	285	5540	9
23	4730	426	19	U	166	U	635	16	291	4450	9
24	5000	426	25		128		643	16	267	4510	9
25	5480	427	25	E	134	E	592	16	242	4700	9
26	4460	426	2.9		156		805	16	220	4850	9
27	4590	427	1.6	D	117	D	901	16	229	3600	9
28	4740	426	4.9		121		859	16	217	3770	9
29	4440	427	18		132		826	16	212	3480	9
30	6450	491	6.7		146		908	16	211	3950	9
TOTAL	171460	14464	224.96	0	4289	0	25728	497	6596	148800	264
MEAN	5715	482	7	0	143	0	858	17	220	4960	9
ACFT	340091	28689	446	0	8507	0	51031	986	13083	295145	524

*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	29	0	8	6.4	2.5	22	0	590	9.4	6340	370
2	16	0	2.6	3.1	3.3	59	0	599	7.7	6100	370
3	41	0	7.7	17	7.7	70	0	574	4.7	5520	370
4	31	0	8.8	25	7.2	89	0	576	6.2	5200	370
5	36	0	7.7	17	0	45	0	617	10	6180	370
6	35	0	13	27	0	41	0	613	6.6	5950	370
7	41	0	8.8	36	0	55	0	608	22	6000	370
8	48	0	11	39	0	47	0	574	3.9	6370	370
9	47	0	10	32	0	32	0	579	3.1	5610	370
10	41	39	5.5	16	0	75	0	588	14	5650	370
11	32	0	7.7	14	3	59	0	567	10	5240	401
12	43	0	28	30	1.8	57	0	562	5.6	6350	382
13	39	0	6.9	22	3.2	22	0	572	17	6640	380
14	34	2	12	21	2	69	0	562	5.1	6260	380
15	48	5	13	21	8	51	0	569	6.8	5810	380
16	19	2.3	8.8	15	4.7	54	0	585	31	5700	380
17	28	1.1	15	16	5.1	48	0	581	14	5500	380
18	22	1.3	14	24	0	48	0	588	14	5160	380
19	19	8.4	13	23	0	43	0	511	13	5680	380
20	17	8.9	9.5	11	0	24	0	504	14	5930	380
21	7.2	0.39	4	16	6	53	0	509	14	6110	380
22	30	5.7	2.6	24	6	58	0	509	20	5220	380
23	32	0.92	2.6	32	5	57	0	495	18	6130	380
24	39	0.4	2.6	44	1	67	0	541	4.3	6070	380
25	30	0.47	4.7	20	4	59	0	516	4.3	5290	380
26	22	0.47	5.1	24	1	26	0	518	21	5070	380
27	22	1.2	4.7	21	2.5	48	0	495	8.5	5230	380
28	28	2.7	2.6	23	0	40	0	516	19	4980	380
29	30	6.2	6.2	16	3.9	60	0	520	22	4820	380
30	30	9.9	9.9	8	7	31	0	491	12	4800	380
TOTAL	936.2	96.35	256	643.5	84.9	1509	0	16629	361.2	170910	11323
MEAN	31	3	9	21	3	50	0	554	12	5697	377
ACFT	1857	191	508	1276	168	2993	0	32984	716	339000	22459

*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 #.

	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	432	0	0	9.9	602	855	7.8	946	66	8.2	375
2	433	0	0	7.2	597	865	7.8	757	54	13	430
3	431	0	0	9.2	589	862	7.8	542	59	12	361
4	430	0	0	5.4	610	872	7.8	416	46	9	206
5	423	0	0	8.1	618	894	7.8	1110	46	10	406
6	424	0	0	7.8	653	900	8.5	1020	49	6.8	459
7	420	0	0	7	755	982	8.5	1140	53	10	469
8	420	0	0	7.8	833	1060	8.5	957	54	11	397
9	425	0	0	6	824	1060	8.5	593	64	5.2	362
10	429	0	0	6.8	862	1080	8.5	628	65	10	395
11	429	0	0	7.6	1000	1220	8.5	452	44	8.4	286
12	427	0	0	5.7	996	1230	8.5	947	73	11	334
13	431	0	0	4.3	1010	1260	6.6	1090	66	17	396
14	432	0	0	4.5	1020	1280	6.6	1050	64	16	446
15	432	0	0	5.7	1020	1280	6.6	987	59	10	375
16	435	0	0	4.8	1000	1270	6.6	690	54	7.2	374
17	434	0	0	4.2	970	1230	6.6	617	55	14	412
18	434	0	0	4.8	993	1260	6.6	499	53	9.5	321
19	434	0	0	5.6	979	1230	6.6	1300	54	15	534
20	431	0	0	6.1	1110	1370	8.2	1420	56	14	592
21	429	0	0	4.3	1260	1490	8.2	1260	83	7.5	472
22	428	0	0	6.5	1300	1550	8.2	945	32	4.1	343
23	430	0	0	5	877	1540	8.2	752	53	11	484
24	430	0	0	6.9	644	1580	8.2	735	78	18	519
25	427	0	0	7.7	750	1560	8.2	486	46	7.5	254
26	441	0	0	5.5	663	1550	8.2	1.7	4.7	0	0
27	455	0	0	5.2	603	1600	0	0	4.4	0	0
28	461	0	0	3.5	620	1620	0	0	4.2	0	0
29	465	0	0	3.3	660	1630	0	0	4.2	0	0
30	470	0	0	2.9	656	1590	0	65	4.1	0	0
TOTAL	13022	0	0	179.3	25074	37770	202.1	21405.7	1447.6	265.4	10002
MEAN	434	0	0	6	836	1259	7	714	48	9	333
ACFT	25829	0	0	356	49734	74917	401	42458	2871	526	19839

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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	65	5020	97	0.47	5.5	15	575		37	560	19
2	44	4970	75	0.39	4.2	13	575		24	560	26
3	36	4600	79	1.1	14	13	576		7.3	570	30
4	27	4410	51	0.38	3.7	5.9	520		43	493	8.9
5	73	4690	68	0	19	8.2	589	N	51	559	18
6	64	4550	101	0	22	14	702		99	635	18
7	67	4480	92	0	31	11	785	O	211	595	23
8	59	5030	97	0	21	7.1	895		290	594	14
9	62	4640	81	0	17	6.2	867	T	284	558	9.1
10	48	4640	84	0	12	14	841		327	495	13
11	29	4380	56	0	9.3	13	962		460	477	13
12	57	5010	75	0	2.3	3.4	1110	A	477	610	26
13	41	5160	90	0	8.1	15	1190		504	674	15
14	61	4820	90	0	4.4	9.2	1170	V	506	632	15
15	57	4440	97	0	20	12	1070		491	562	22
16	72	4620	77	0	36	10	974	A	456	514	18
17	45	4500	71	0.9	27	13	971		436	528	24
18	35	4270	44	0	4.6	7.4	842	I	460	386	4.1
19	58	3990	81	0	2.6	23	926		459	458	20
20	76	4120	74	0	15	5.8	1160	L	618	522	12
21	68	4460	67	0	6	13	1280		777	478	22
22	39	3890	37	0	1.8	1.3	1080	A	846	229	4
23	59	4990	69	1.8	8.1	4.2	679		288	424	18
24	55	4950	71	0	12	7.4	504	B	76	448	13
25	43	4420	29	0	6.3	1.7	465		186	282	11
26	1	4680	51	0	2.3	1.8	504	L	90	427	20
27	0	4850	70	0	2.5	2	497		34	467	15
28	0	4600	68	0	1.1	4.6	494	E	49	452	13
29	0	4440	35	0.6	15	4.3	460		81	375	26
30	15	4360	53	0	13	4.5	493		75	409	10
TOTAL	1356	137980	2130	5.64	346.8	264	23756	0	8742.3	14973	500.1
MEAN	45	4599	71	0	12	9	792	0	291	499	17
ACFT	2690	273683	4225	11	688	524	47120	0	17340	29699	992

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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	0	4070	0	4.6	4.1	23	31	4.4	161	28	3.2
2	0	4000	0.01	4.4	6.6	23	31	5.5	158	28	6.8
3	0	3670	0	4.2	7.8	23	31	4.7	163	28	8.2
4	0	3470	0	4.2	10	23	31	0.61	161	28	3.6
5	0	3640	0	5.7	7.1	23	31	4.6	170	28	5.2
6	0	3370	0.07	5.3	5.1	23	31	6	164	28	6.1
7	0	3200	0	4.9	5.7	23	31	7.5	164	28	4.1
8	0	3700	0	4.7	6.1	23	31	6.6	171	28	4.7
9	0	3330	0	5.1	2.5	23	28	1.8	174	28	0.07
10	0	3360	0	5.6	3.6	23	23	2.1	163	28	0.02
11	0	3040	0.15	4.5	7.2	23	23	4	168	28	2.3
12	0	3560	0.11	4.7	2.9	23	23	1.8	159	28	6.5
13	0	3660	0.16	5.6	2.7	23	23	1.1	166	28	2.4
14	0	3360	0	6.7	9.9	23	23	1.3	177	28	3.6
15	0	2960	1.9	5	7.8	23	23	1.2	166	28	2.9
16	0	3290	0	5.5	6.1	23	23	3.1	173	28	8.8
17	0	3140	0.03	4.4	2.4	23	23	1.8	167	28	7
18	0	3020	0	5.4	10	23	23	2.4	169	28	2.5
19	0	2630	0	6.5	6.8	23	23	2.9	160	28	9.3
20	0	2490	0	5.6	8.5	23	23	2.9	165	28	8.1
21	0	2850	0	7.2	6.3	23	23	2.7	181	28	5.8
22	0	2350	0	6.4	3.8	23	23	5.2	182	28	3.5
23	412	3410	0	4.3	3.5	23	23	13	177	28	4.1
24	772	3200	0	4.3	6.6	23	23	17	168	28	1.3
25	665	2860	0	6.5	9.8	23	23	9.6	171	28	4.3
26	731	2990	0	4	0.3	23	23	5.1	156	28	0.19
27	983	3010	0	3.5	0	23	23	3.7	154	28	0.02
28	989	2770	0	3.5	0	23	23	3	135	28	0.12
29	968	2680	0	3.3	0	23	23	2.7	153	28	0.66
30	908	2540	0	3	0	23	23	2.5	158	28	1.7
TOTAL	6428	95620	2.43	148.6	153.2	690	759	130.81	4954	840	117.08
MEAN	214	3187	0	5	5	23	25	4	165	28	4
ACFT	12750	189662	5	295	304	1369	1505	259	9826	1666	232

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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	0	3	20	1.1	6.4	67	5.5	4.3	14
2	0	3	20	1.1	6.4	67	5.5	4.3	13
3	0	3	20	1.1	6.4	67	5.5	4.3	14
4	0	3	20	1.1	6.4	67	5.5	4.3	14
5	0	3	20	1.1	6.4	69	5.5	4.3	14
6	0	3	20	1.1	6.4	67	5.5	4.3	14
7	0	3	20	1.1	6.4	68	5.5	4.3	13
8	0	3	20	1.1	6.4	70	5.5	4.3	14
9	0	3	20	1.1	6.4	69	5.5	4.3	14
10	0	3	20	1.1	6.4	70	5.5	4.3	13
11	0	3	20	1.1	6.4	74	5.5	4.3	14
12	0	3	20	1.1	6.4	72	5.5	4.3	13
13	0	3	20	1.1	6.4	74	5.5	4.3	13
14	0	3	20	1.1	6.4	74	5.5	4.3	13
15	0	3	20	1.1	6.4	73	5.5	4.3	14
16	0	3	20	1.1	6.4	73	5.5	4.3	13
17	0	3	20	1.1	6.4	71	5.5	4.3	14
18	0	3	20	1.1	6.4	71	5.5	4.3	13
19	0	3	20	1.1	6.4	70	5.5	4.3	13
20	0	3	20	1.1	6.4	70	5.5	4.3	13
21	0	3	20	1.1	6.4	70	5.5	4.3	13
22	0	3	20	1.1	6.4	69	5.5	4.3	14
23	0	3	20	1.1	6.4	69	5.5	4.3	13
24	0	3	20	1.1	6.4	63	5.5	4.3	13
25	0	3	20	1.1	6.4	61	5.5	4.3	13
26	0	3	20	1.1	6.4	61	5.5	4.3	13
27	0	3	20	1.1	6.4	60	5.5	4.3	13
28	0	3	20	1.1	6.4	59	5.5	4.3	12
29	0	3	20	1.1	6.4	60	6	4.3	13
30	0	3	20	1.1	6.4	62	13	4.3	13
TOTAL	0	90	600	33	192	2037	173	129	400
MEAN	0	3	20	1	6	68	6	4	13
ACFT	0	179	1190	65	381	4040	343	256	793

*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	11480
Unit B Main Canal	9522900	1750
City of Yuma Diversions	9526000	1260 (USGS) 1315 (YCWUA)
*Wellton Mohawk MODE # 2	9531800	Not Available

RESERVOIRS

	#LAKE MEAD	LAKE MOHAVE	LAKE HAVASU	#ALAMO LAKE	#Senator Wash
End of Current Months Contents	13334000	1505000	583200	73725	8903
End of Previous Months Contents	13263000	1374000	607800	75271	7173
Change in Contents	71000	131000	-24600	-1546	1730

*Data furnished by other agencies.

#Data furnished by other agencies in acre-feet.