



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 2011

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	18900	26	19300	19800	18800	11	0	2500	39	17	5880
2	18800	29	19200	13000	19000	8.9	0	2510	39	17	5810
3	19200	33	19500	13500	18900	8.5	0	2490	39	17	6420
4	16700	35	19500	17000	18900	7.8	0	2500	39	16	5980
5	16200	26	17000	15600	19100	8.9	0	2500	39	16	5810
6	16200	21	17000	16200	19300	10	0	2480	40	16	5980
7	16200	22	16900	22900	19600	8.9	0	2510	40	16	6080
8	16300	23	16900	23300	19300	7.5	0	2450	41	16	6090
9	16300	31	16900	15100	19200	11	0	2500	40	17	6060
10	16300	31	16900	16600	19200	12	0	2460	40	17	6070
11	16100	26	16900	19700	18300	8.8	0	1560	40	17	6090
12	15800	23	16600	20200	18100	5.5	0	1550	40	16	5980
13	15900	21	16400	22700	17000	5	0	1600	41	17	5980
14	15900	23	16400	19500	15800	5.8	0	2600	41	16	5990
15	15900	20	16500	23100	15500	1.3	0	2570	42	16	5990
16	15900	19	16500	16700	18200	7.1	0	2570	42	16	5980
17	15800	25	16500	13600	18200	10	0	2550	42	16	5980
18	15900	30	16500	20600	18300	10	0	2540	42	15	6030
19	14300	32	16500	17800	18400	15	0	2580	42	15	5950
20	15100	30	15100	18900	18000	12	0	2520	42	15	6040
21	15900	28	15900	19300	16100	6.5	0	2500	42	15	6040
22	15800	28	16600	17900	18100	7.1	0	2540	42	15	6050
23	15800	30	16500	18000	18100	5.9	0	2550	42	15	6040
24	15900	30	16500	12100	17300	4.5	0	2520	42	14	6040
25	15900	43	16500	19400	15700	0.26	0	2050	43	14	6050
26	15900	37	16500	16700	17200	3.3	0	2090	43	13	6010
27	15900	28	16500	18700	16200	39	0	2090	43	13	5990
28	15800	26	16500	17900	16800	19	0	2610	43	13	6010
29	15900	25	16400	19300	15900	20	0	2580	46	13	6010
30	15800	24	16400	18400	15700	0	0	2580	49	13	6010
TOTAL	486300	825	507300	543500	534200	280.56	0	71650	1245	462	180440
MEAN	16210	28	16910	18117	17807	9	0		42	15	
ACFT	964576	1636	1006230	1078032	1059586	556	0		2469	916	

*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	15300	1170	1.6		142		1320	18	232	11200	0
2	14900	1230	1.6		171		1270	19	225	12900	0
3	14200	1110	3.1		173		1130	20	225	12700	0
4	14100	1030	2.4		119		1320	19	262	11900	0
5	15300	1040	0.95	D	151	D	1200	19	252	12400	0
6	13800	1140	1.7		148		1460	19	223	12400	0
7	12900	1190	0.38	I	148	I	1340	19	233	11300	0
8	14700	1300	6		189		1180	19	233	11800	0
9	13800	1240	7	S	217	S	1220	19	229	12500	0
10	13700	1200	5.6		195		1100	19	226	12000	0
11	13300	1050	4.7	C	144	C	1140	20	233	11600	0
12	12700	1080	2.7		105		1160	19	210	11500	0
13	11400	1080	10	O	182	O	1220	20	215	10700	0
14	8420	1040	6.8		131		1190	19	224	8590	0
15	13000	1140	12	N	113	N	1190	19	235	7200	0
16	14400	1120	4		115		1080	19	235	10700	0
17	13400	1140	5.8	T	120	T	927	20	224	12900	0
18	14000	1180	6.1		121		1150	20	227	12000	0
19	14400	1280	3.7	I	116	I	1350	20	222	11600	0
20	12900	1240	2.9		138		1530	20	245	12100	0
21	9600	1280	3.5	N	141	N	1420	20	242	10200	0
22	15100	1280	12		152		1350	19	222	8940	0
23	13000	1120	5.7	U	155	U	1210	20	250	11600	0
24	13000	989	4.1		124		998	20	247	11700	0
25	13000	1050	5.1	E	122	E	1270	20	223	11100	0
26	11900	1030	13		103		1160	20	221	11000	0
27	10200	1160	5.6	D	164	D	1340	20	223	9240	0
28	10200	1180	8.5		119		1440	19	207	7750	0
29	11800	1090	2.7		116		1350	19	212	8550	0
30	11700	1050	1.5		118		1100	20	236	9620	0
TOTAL	390120	34229	150.73	0	4252	0	37115	583	6893	329690	0
MEAN	13004	1141	5	0	142	0	1237	19	230	10990	0
ACFT	773803	67893	299	0	8434	0	73618	1156	13672	653940	0

*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 #.

	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	42	6.4	14	35	1.8	23	0	419	25	10800	815
2	42	10	6.6	26	1	62	0	425	7.7	10800	1070
3	60	9.7	8.4	16	3.3	70	0	471	17	10500	1020
4	53	5	11	17	2.8	62	0	419	32	12000	1710
5	52	1.7	15	6.1	3.3	33	0	409	34	12600	2130
6	47	3	17	9.1	3.2	31	0	405	20	12500	2180
7	40	3.7	6.2	13	4.9	47	0	389	16	12500	2180
8	25	6	11	37	5.1	46	0	442	11	12700	2180
9	49	9	5.1	20	3.2	29	0	469	30	11500	2180
10	46	16	14	37	5.8	44	0	480	30	11700	3470
11	47	5	4.7	30	2.1	28	0	480	25	12300	2730
12	61	1	9.1	28	3.3	43	0	446	24	12100	1750
13	33	1	13	32	3.5	70	0	409	11	11400	1340
14	25	2	9.5	21	2.5	57	0	366	4.2	11500	1350
15	28	8.4	16	22	7.2	62	0	338	7.2	11200	1350
16	43	15	21	32	6.5	55	0	366	17	10500	1330
17	48	13	13	20	5.1	50	0	354	5.6	9860	1320
18	31	10	11	12	3.3	37	0	358	6.2	11400	1330
19	50	6.4	15	21	3.7	36	0	407	6.2	12000	1350
20	44	8	12	25	3	47	0	417	8.1	12100	1350
21	31	6	17	19	4.1	36	0	433	19	12400	1330
22	49	9.7	12	15	2.3	52	0	454	17	11100	655
23	38	9.7	7.3	30	4.3	59	0	429	10	10100	330
24	42	9.4	18	24	21	21	0	465	35	10300	746
25	36	64	19	18	2.8	31	0	467	34	11200	495
26	73	16	18	34	4.1	43	0	463	20	11400	513
27	40	8.7	7.7	18	2.3	36	0	446	14	11200	330
28	34	1.3	9.1	35	1.8	66	0	433	15	11500	330
29	51	15	16	38	2.6	45	0	425	4	10600	330
30	46	9.4	19	21	2.8	65	0	419	7.2	9890	330
TOTAL	1306	289.5	375.7	711.2	122.7	1386	0	12703	512.4	341650	39524
MEAN	44	10	13	24	4	46	0	423	17	11388	1317
ACFT	2590	574	745	1411	243	2749	0	25196	1016	677663	78396

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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	599	3	0	6.2	956	1130	9.5	1170	52	5.3	594
2	1010	2.9	0	8.2	1430	1130	9.5	793	69	15	545
3	865	2.6	0	9.3	1410	1130	9.5	564	33	19	339
4	1200	2.2	0	8.5	1390	1130	9.5	1560	40	18	591
5	1830	1.8	0	10	1950	1130	9	1620	59	16	788
6	1950	1.7	0	6.2	2230	1130	9	1780	88	20	837
7	1950	1.7	0	8	2310	1130	9	1590	39	16	759
8	1950	1.7	0	7.3	2330	1130	9	1690	40	16	804
9	1950	2.1	0	6.9	2350	1130	9	724	28	16	629
10	2620	2.3	0	6.2	2500	1130	9	596	11	15	428
11	2860	2.4	0	6.6	3360	1130	9	1510	54	16	687
12	2050	2.6	0	5.3	2870	1140	12	1480	77	8.3	661
13	1260	2.6	0	6.4	2120	1140	12	1220	48	5.1	554
14	1160	2.6	0	6.5	1750	1140	12	1290	69	7.3	507
15	1130	2.6	0	5.8	1680	1140	12	1100	85	19	612
16	1110	2.6	0	4.4	1630	1130	12	1100	63	13	719
17	1110	3.3	0	4	1620	1130	12	813	29	8	612
18	1120	3.8	0	4.6	1590	1130	10	1610	63	15	660
19	1120	4	0	5.6	1590	1130	10	1780	78	17	824
20	1120	4	0	5.2	1750	1130	10	1750	74	4.7	882
21	1120	4.1	0	5.2	1800	1130	10	2100	69	16	977
22	743	4.2	0	4.7	1770	1130	10	1460	32	16	923
23	426	4.4	0	4.5	1120	1130	10	837	52	16	660
24	451	4.6	0	3.9	1090	1120	10	505	18	4.6	340
25	511	4.6	0	3.7	1030	1120	10	1560	61	4	633
26	506	5	0	4.5	798	1120	10	1590	71	13	651
27	493	5.7	0	3.1	736	1120	10	1680	65	16	672
28	483	5.8	0	3.3	734	1120	10	1960	62	7.7	832
29	478	6	0	3	713	1120	10	1440	79	13	871
30	475	6	0	2.2	703	1120	10	1050	69	16	736
TOTAL	35650	102.9	0	169.3	49310	33870	303	39922	1677	392	20327
MEAN	1188	3	0	6	1644	1129	10	1331	56	13	678
ACFT	70712	204	0	336	97806	67181	601	79185	3326	778	40319

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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	126	8810	140	0	27	0.51	1260	39	339	882	19
2	105	8880	76	0	20	12	1140	24	257	859	30
3	69	8900	30	0	2.8	4.2	1080	30	268	782	30
4	111	8730	80	0	1.5	21	1120	38	291	791	38
5	85	8840	126	0	12	35	1080	57	274	749	46
6	113	8510	149	0	17	15	927	27	142	758	44
7	123	8760	145	0	41	0.52	783	31	58	694	29
8	107	8780	135	0	46	7.3	796	46	56	694	13
9	70	8550	109	0	27	22	702	27	58	617	11
10	43	7600	125	0	17	13	679	22	83	574	13
11	94	8010	114	0	26	2.6	737	26	75	636	56
12	104	8850	111	0	6.5	24	808	9.7	61	737	33
13	87	8860	108	0	12	33	901	22	73	806	39
14	121	8860	110	0	28	13	845	11	77	757	46
15	145	8730	118	0	29	13	890	32	85	773	35
16	128	8080	121	0	14	17	894	43	65	786	18
17	90	7710	70	0	0.9	16	891	34	72	785	29
18	99	8400	76	6.4	21	6.4	918	45	75	798	24
19	120	8880	114	0	44	23	984	53	105	826	51
20	100	9040	144	0	47	19	1230	51	303	876	35
21	116	8940	134	0	19	30	1280	72	312	896	56
22	78	8940	135	0	6.4	19	1280	37	387	856	60
23	61	8940	131	0	12	15	1100	30	363	707	28
24	25	9010	59	0	2	0.66	969	32	365	572	6.3
25	77	9180	79	2.5	11	3.3	861	42	237	582	35
26	114	9240	121	0.92	15	10	865	36	58	771	51
27	128	9180	149	0	21	21	895	26	67	802	52
28	132	9160	129	0	36	20	926	16	79	831	53
29	130	8780	97	0	42	16	938	33	43	862	61
30	129	8500	113	0	39	11	902	19	23	860	31
TOTAL	3030	261650	3348	9.82	643.1	443.49	28681	1010.7	4751	22919	1072.3
MEAN	101	8722	112	0	21	15	956	34	158	764	36
ACFT	6010	518983	6641	19	1276	880	56889	2005	9424	45460	2127

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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	2080	5710	0	3.6	0.3	15	42	0.96	145	30	4.9
2	1670	5910	0	3.2	0.71	15	42	1.8	162	30	8.6
3	1640	6340	0	3.2	2.7	15	42	4	157	30	5
4	1730	6050	0	3	2.7	4.4	42	5.1	158	8.6	3.1
5	1240	6230	0.29	3.1	2.5	0	36	4.6	158	0	1.8
6	989	6110	0.53	3.3	3.3	0	33	4.5	141	0	6.6
7	843	6460	1.4	3.5	5.7	0	34	3.8	146	0	5
8	822	6990	0	3.6	6.7	0	34	2.2	156	0	6.1
9	818	6710	0	4.2	3.1	0	34	7.5	168	0	7.5
10	817	5750	0	3.6	2.6	0	34	2.6	154	0	1.7
11	1070	5480	0	3.7	6.9	0	34	5.8	151	0	3.7
12	2670	5260	0	4	6.1	0	34	5.1	142	0	2.3
13	2340	5560	0	3.7	4.1	0	34	3.1	152	0	7.2
14	2010	6150	0.32	3.8	0.96	0	34	1.3	157	0	2.3
15	1620	6020	0	4.4	2.8	0	34	1.3	154	0	1.7
16	1640	5120	0	4.3	2.6	0	34	1.4	145	0	1.7
17	1610	4780	0	4.1	3.8	0	34	4.3	143	0	3.8
18	1570	5270	0.03	4.1	0.62	0	34	1.8	152	0	2.8
19	1560	5720	0.31	4.4	3.1	0	31	1.5	142	0	6.9
20	1410	5980	0.78	4	1.6	0	32	1.2	134	0	8.7
21	1140	6060	0	4.1	0.34	0	35	1.9	133	0	5.2
22	921	6100	0	4.6	3.1	0	35	1.2	140	0	1.9
23	1530	6150	0	4.3	0.43	0	35	2.7	142	0	0.84
24	1260	6260	0	4.2	3.2	0	35	7	140	0	1.3
25	1320	6390	0.74	4.3	3.7	0	35	3.9	137	0	3.8
26	1610	6460	0.77	4.5	1.9	0	17	2.2	134	0	3.9
27	1830	6340	0	4.5	1.4	0	0	2.4	137	0	5
28	1770	5980	0	4.1	3.7	0	0	1.4	137	0	3.5
29	1460	5650	0	4.5	0.46	0	0	1.6	158	0	5.6
30	1250	5610	0.72	4.4	2.7	0	0	2.9	143	0	7.8
TOTAL	44240	178600	5.89	118.3	83.82	49.4	900	91.06	4418	98.6	130.24
MEAN	1475	5953	0	4	3	2	30	3	147	3	4
ACFT	87750	354253	12	235	166	98	1785	181	8763	196	258

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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	2.9	2.7	20	0.89	6	57	36	3	11
2	2.9	2.7	20	0.89	6	59	38	3	11
3	2.9	2.7	20	0.89	6	60	36	3	13
4	2.9	2.7	20	0.89	6	60	31	3	11
5	2.9	2.7	20	0.89	6	55	31	3	11
6	2.9	2.7	20	0.89	6	63	31	3	11
7	2.9	2.7	20	0.89	6	68	32	3	13
8	2.9	2.7	20	0.89	6	70	33	3	12
9	2.9	2.7	20	0.89	6	69	30	3	12
10	2.9	2.7	20	0.89	6	72	28	3	11
11	2.9	2.7	20	0.89	6	122	28	3	11
12	2.9	2.7	20	0.89	6	95	28	3	12
13	2.9	2.7	20	0.89	6	63	28	3	12
14	2.9	2.7	20	0.89	6	63	28	3	11
15	2.9	2.7	20	0.89	6	66	28	3	11
16	2.9	2.7	20	0.89	6	66	28	3	12
17	2.9	2.7	20	0.89	6	66	28	3	12
18	2.9	2.7	20	0.89	6	65	28	3	12
19	2.9	2.7	20	0.89	6	65	28	3	14
20	2.9	2.7	20	0.89	6	62	28	3	13
21	2.9	2.7	20	0.89	6	62	28	3	12
22	2.9	2.7	20	0.89	6	60	28	3	12
23	2.9	2.7	20	0.89	6	62	28	3	12
24	2.9	2.7	20	0.89	6	62	28	3	12
25	2.9	2.7	20	0.89	6	62	15	3	12
26	2.9	2.7	20	0.89	6	63	15	3	12
27	2.9	2.7	20	0.89	6	63	15	3	12
28	2.9	2.7	20	0.89	6	61	15	3	13
29	2.9	2.7	20	0.89	6	62	15	3	14
30	2.9	2.7	20	0.89	6	59	15	3	13
TOTAL	87	81	600	26.7	180	1982	808	90	360
MEAN	3	3	20	1	6	66	27	3	12
ACFT	173	161	1190	53	357	3931	1603	179	714

*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	17220
Unit B Main Canal	9522900	2300
City of Yuma Diversions	9526000	1240
Wellton Mohawk MODE # 2	9531800	0

RESERVOIRS

	#LAKE MEAD	LAKE MOHAVE	LAKE HAVASU	#ALAMO LAKE	#Senator Wash
End of Current Months Contents	11115000	1709000	592700	132366	7297
End of Previous Months Contents	11170000	1703333	583200	135785	7730
Change in Contents	-55000	5667	9500	-3419	-433

*Data furnished by other agencies.

#Data furnished by other agencies in acre-feet.