



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 2010

Report Notes:

09428510 – CRIR Poston Wasteway near Poston, AZ is now gauged at river confluence and includes the flow from:

09428508 - Upper Main Drain near Poston, AZ - Discontinued
09428511 - CRIR Poston Wasteway Spill Gates – Discontinued

09429070 – Lower Main Drain below Poston Wasteway replaces 09429060 – Lower Main Drain and includes flow from the Tyson Wasteway.

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	12900	19	8460	12400	14200	72	0	3320	29	10	6030
2	14100	20	14000	12300	10400	9.9	0	3300	24	9.7	6010
3	14200	21	14500	12100	10600	11	0	3280	24	9.6	6050
4	14100	20	14500	14000	10600	3.2	0	3320	24	9.6	4920
5	14200	19	14600	13700	11900	6.5	0	3270	24	9.5	6040
6	13400	18	14600	11000	11300	3.5	0	3420	24	9.4	6030
7	12800	18	14000	11100	11300	0	0	3340	24	9.2	6030
8	13900	18	13200	12800	13100	4.4	0	3220	24	9.1	6030
9	14100	18	14300	12900	13200	1.1	0	3240	24	9	6060
10	14300	20	14600	13900	13200	5.5	0	3290	24	8.9	6010
11	14200	18	14700	11900	13000	3.1	0	3250	24	8.7	5530
12	14200	18	14600	13900	12900	4.6	0	3290	24	8.6	6000
13	13600	17	14700	13000	12800	5.2	0	3300	24	10	5990
14	13000	18	14000	13900	12900	1.1	0	3280	24	13	6000
15	14300	18	13500	13600	12700	5	0	3360	24	13	5990
16	14300	18	14700	14900	12700	4.8	0	3240	24	11	5690
17	14300	19	14700	14100	12700	4.6	0	3300	24	10	4830
18	14300	19	14800	14100	12700	9.4	0	3280	24	10	4820
19	14200	18	14600	14700	12700	7.3	0	3280	24	10	4390
20	13600	18	14700	12700	12700	2.9	0	3280	24	10	4370
21	13000	19	14000	13200	12200	2	0	3260	24	11	4830
22	14300	46	13400	15600	10500	0	0	3260	24	11	4840
23	14400	28	14800	16200	10300	2.5	0	3320	24	12	4840
24	14400	21	14800	15400	11100	6.1	0	3260	24	12	4830
25	13000	22	14800	12600	10300	0	0	3310	24	12	4780
26	14300	12	13400	15700	10300	1	0	3280	24	13	4780
27	13600	12	14700	13200	11300	3	0	3280	24	13	4780
28	13100	10	14000	11900	9580	3.3	0	3280	24	14	4340
29	14200	17	13500	13300	8570	1.4	0	3020	24	14	4310
30	14300	15	14700	13400	9560	0	0	3290	24	14	3660
TOTAL	416600	574	423860	403500	351310	184.4	0	98420	725	324.3	158810
MEAN	13887	19	14129	13450	11710	6	0	24	11		
ACFT	826326	1139	840726	800342	696823	366	0	1438	643		

*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	9210	436	4.1		107		927	17	231	7430	0
2	8150	475	3.5		102		836	16	186	7330	0
3	7170	514	4.9		110		841	16	181	6640	0
4	6140	663	2.9		138		750	16	183	5690	0
5	7690	594	17	D	107	D	811	16	230	4870	0
6	7240	585	8		124		842	16	197	5990	0
7	7750	507	5.3	I	127	I	707	16	188	5780	0
8	8750	527	3.2		127		784	16	186	6060	0
9	8280	599	5.3	S	120	S	803	16	199	6910	0
10	9580	622	7.7		130		896	16	188	6500	0
11	6280	614	2.9	C	143	C	837	16	199	7500	0
12	7710	561	11		106		761	16	179	5090	0
13	6190	646	16	O	135	O	783	16	163	5920	0
14	6570	499	7.9		110		648	16	155	4990	0
15	7060	551	3.9	N	107	N	837	16	167	5200	0
16	7580	547	5.2		102		901	16	154	5560	0
17	7990	728	6	T	124	T	1000	16	180	5850	0
18	6040	677	9.8		119		974	16	182	6090	0
19	7570	651	3.3	I	87	I	762	16	167	5100	0
20	7730	631	4.6		99		670	16	155	6070	0
21	8900	542	2.9	N	122	N	517	16	156	6460	0
22	4990	528	2		146		669	16	169	7110	0
23	5460	533	0.61	U	115	U	723	16	194	4220	0
24	5460	405	7		91		627	16	237	4630	0
25	5220	375	0.95	E	136	E	459	16	249	4510	0
26	7580	394	0.87		97		579	16	257	4980	0
27	7850	382	3.4	D	115	D	560	16	209	6810	0
28	7990	322	1.7		81		458	16	204	6580	0
29	6740	346	1.7		173		587	16	202	6940	0
30	7320	454	3.3		132		792	16	163	5660	0
TOTAL	218190	15908	156.93	0	3532	0	22341	481	5710	178470	0
MEAN	7273	530	5	0	118	0	745	16	190	5949	0
ACFT	432780	31554	311	0	7006	0	44313	954	11326	353995	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	28	1.7	2.9	27	20	31	0	456	16	6680	371
2	20	5.4	4.4	22	25	28	0	461	21	6690	472
3	30	8.4	11	26	20	25	0	452	6.8	7550	957
4	35	8.4	3.3	35	19	50	0	476	13	7830	1380
5	42	0.67	6.9	33	18	31	0	431	7.7	6880	935
6	17	0.67	9.9	34	26	39	0	476	5.5	6400	748
7	42	0.67	4.7	16	23	40	0	435	20	6430	777
8	46	0.67	11	30	17	21	0	452	25	6950	391
9	53	3.7	11	26	17	16	0	452	25	7060	360
10	28	10	5.5	26	17	28	0	442	25	7360	360
11	28	11	1.1	26	17	18	0	465	25	7130	360
12	20	5.7	2.6	15	18	31	0	458	25	6950	360
13	20	8.7	16	25	22	53	0	450	24	6750	702
14	28	6	7.3	11	22	32	0	437	24	6790	1290
15	53	5.7	7.3	30	18	54	0	431	24	6410	464
16	46	1.3	11	16	20	36	0	444	25	6000	360
17	29	1.3	3.3	13	17	39	0	446	9.9	6370	360
18	31	4	11	26	17	35	0	427	4.9	6120	449
19	36	2	8.8	26	18	53	0	446	8.7	6570	409
20	25	4.7	15	34	22	48	0	446	19	6370	360
21	22	3.4	12	29	24	25	0	437	26	6130	407
22	30	16	12	13	18	41	0	415	26	7230	406
23	40	9.4	9.5	19	18	20	0	411	15	7310	360
24	33	10	8.8	30	22	34	0	375	5.8	7270	360
25	23	1.7	9.9	25	18	38	0	393	18	5590	360
26	23	3.7	5.5	22	20	39	0	431	26	5960	360
27	38	7.4	11	18	23	18	0	429	26	6010	360
28	24	11	12	18	27	13	0	409	25	5820	564
29	37	5.7	19	20	20	36	0	385	25	6580	377
30	39	1	13	17	20	29	0	403	25	6850	360
TOTAL	966	159.98	266.7	708	603	1001	0	13071	572.3	200040	15779
MEAN	32	5	9	24	20	33	0	436	19	6668	526
ACFT	1916	317	529	1404	1196	1985	0	25926	1135	396779	31298

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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	476	0	0	9.9	1000	1220	7	1070	55	12	471
2	464	0	0	7.4	985	1210	7	1000	57	9.9	469
3	503	0	0	9.4	1020	1200	7	960	59	18	429
4	1030	0	0	11	1310	1380	7	1070	63	17	432
5	786	0	0	8	1260	1390	7	687	67	10	348
6	738	0	0	9	1220	1370	7	453	53	13	374
7	582	0	0	18	1080	1200	7	609	32	12	407
8	581	0	0	16	1350	1430	7	1100	58	13	462
9	498	0	0	5.7	1350	1430	7.3	973	71	21	441
10	483	0	0	6.6	1130	1450	7.3	1220	78	14	473
11	468	0	0	7.8	693	1670	7.3	640	64	12	145
12	460	0	0	6.1	648	1700	7.3	433	55	12	146
13	461	0	0	6.6	652	1710	7.3	513	45	5.9	255
14	740	0	0	7.6	844	1780	7.3	514	40	2.3	328
15	677	0	0	7	1210	1940	7.3	1180	52	18	475
16	490	0	0	12	734	2120	6.6	1020	40	19	441
17	472	0	0	6.5	709	1890	6.6	985	51	11	397
18	459	0	0	13	686	1730	6.6	801	48	10	408
19	469	0	0	7.4	686	1730	6.6	611	55	5.3	401
20	463	0	0	8.5	719	1740	6.6	582	51	9.7	381
21	460	0	0	10	756	1920	6.6	407	37	11	199
22	465	0	0	9.4	741	1900	6.6	962	56	21	294
23	457	0	0	13	652	1930	7.7	855	52	16	212
24	452	0	0	10	680	1940	7.7	791	56	17	379
25	445	0	0	12	836	1950	7.7	250	37	6	139
26	442	0	0	13	698	1900	7.7	405	67	1.8	187
27	439	0	0	7.6	612	1940	7.7	566	65	7.2	269
28	442	0	0	14	751	1950	7.7	411	29	2.7	175
29	467	0	0	10	694	1910	7.7	861	43	2.4	254
30	462	0	0	10	625	2170	7.7	960	54	3.8	387
TOTAL	15831	0	0	292.5	26331	50800	214.9	22889	1590	334	10178
MEAN	528	0	0	10	878	1693	7	763	53	11	339
ACFT	31401	0	0	580	52228	100762	426	45400	3154	662	20188

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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	57	5230	47	0.71	10	17	917	19	373	525	21
2	57	5210	59	0.07	6.3	15	984	12	386	586	38
3	48	5630	58	0	24	11	1040	11	413	616	19
4	62	5370	79	0	19	14	731	8.1	167	556	25
5	45	5250	79	1.5	5.4	12	663	11	73	579	22
6	46	5190	74	0	11	5.1	688	13	56	619	14
7	18	5040	50	0	20	14	851	11	327	513	4.6
8	51	5450	57	0	24	6.2	1080	20	500	560	20
9	56	5720	55	1.7	15	15	1300	6.2	680	613	8.7
10	61	5770	70	0.42	12	5.7	1060	13	435	612	30
11	65	6120	59	0.4	13	4	664	10	47	607	27
12	77	6150	82	0.26	16	9.3	616	12	27	577	33
13	52	5530	65	0.66	7.5	12	567	13	49	505	20
14	34	4980	47	1.4	3.1	6.5	554	12	93	449	17
15	77	4760	49	0.27	12	5.6	659	19	67	573	18
16	66	4610	70	0.32	13	13	650	29	12	609	30
17	65	5020	40	0.36	9.9	21	600	20	62	518	25
18	76	4860	49	2.5	14	16	558	17	34	507	27
19	76	5540	77	0.41	10	13	676	10	93	573	17
20	76	5420	62	0.54	2.9	4.9	572	11	65	496	14
21	31	5310	25	0.28	1.9	6.9	508	5.3	125	378	2
22	55	5860	46	0.14	12	4	570	9.5	98	463	21
23	67	6090	59	0.21	11	11	559	10	57	492	25
24	65	6110	86	0.42	13	15	536	3.1	102	431	18
25	30	4970	22	0	1.7	5.1	491	6.7	258	226	1.4
26	54	5190	54	0.3	10	1.8	596	10	125	461	24
27	56	5080	58	0.53	22	4.4	620	25	74	521	24
28	23	4840	37	1.2	5.2	3.8	482	2.4	170	310	2.9
29	44	5330	37	0.29	3.5	8.1	559	12	151	396	18
30	62	5520	42	0.3	16	11	552	7.6	40	504	14
TOTAL	1652	161150	1694	15.19	344.4	291.4	20903	368.9	5159	15375	580.6
MEAN	55	5372	56	1	11	10	697	12	172	513	19
ACFT	3277	319641	3360	30	683	578	41461	732	10233	30496	1152

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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	3900	0	7.3	5.9	0	0	12	166	0	7.5
2	0	3920	0	6.4	2.4	0	0	9.6	174	0	5.1
3	0	4250	0	5.7	2.9	0	0	12	180	0	1.9
4	0	4240	0	5.6	5	0	0	8.7	170	0	4.1
5	0	4140	0	5.7	5.7	0	0	9.2	166	0	2.1
6	0	4090	0.07	5.8	9.4	0	0	11	183	0	2.3
7	0	3680	0.04	5.4	9.5	0	0	14	172	0	4
8	0	3950	0	5.7	7.1	0	0	8.9	177	0	3.8
9	0	4160	0	6	3.4	0	0	7.8	174	0	2.3
10	195	4230	0.16	8.8	6.2	0	0	7.9	174	0	4.1
11	1020	4310	0.02	9.2	2.1	0	0	9.3	156	0	6.6
12	1060	4300	0	6.8	6.7	0	0	11	158	0	6.7
13	1070	3680	0.11	6.3	2.7	0	0	11	168	0	7.9
14	1020	3040	0.33	5.9	1.6	0	0	11	167	0	11
15	898	3060	0	4.7	4.1	0	0	12	177	0	10
16	1380	2080	0	6.6	6	0	0	12	183	0	9.6
17	1110	3020	1.3	5.3	6.5	0	0	12	180	0	5.7
18	1050	2880	2.3	4.7	6.6	0	0	15	171	0	4.4
19	1050	3710	2.4	4.8	2.7	0	0	12	191	0	6.5
20	1040	3640	1.4	5.6	6.1	0	0	14	206	0	5.7
21	1320	3420	0.99	4.7	9.2	0	0	14	213	0	3.1
22	1160	3840	0.21	4.3	5	0	0	11	209	0	6.8
23	1220	4130	2.2	5.5	8.4	0	0	10	191	0	12
24	1220	4170	0.93	5.2	6.6	0	0	7.9	182	0	3.4
25	1110	3090	0.65	5	3.7	0	0	14	161	0	2.1
26	1160	3100	0.79	4.1	0.56	0	0	8.9	148	0	4.5
27	1270	2830	0	4.6	1.1	0	0	14	159	0	2.5
28	1140	2730	0	4.4	0.62	0	0	14	171	0	0.68
29	1140	3390	0	5	1.8	0	0	12	165	0	3.8
30	1480	3060	0	4.9	5.4	0	0	12	169	0	3.9
TOTAL	23113	108040	13.9	170	144.98	0	0	338.2	5261	0	154.08
MEAN	770	3601	0	6	5	0	0	11	175	0	5
ACFT	45845	214297	28	337	288	0	0	671	10435	0	306

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#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 #.

	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	65	0	4.3	13
2	0	3	20	1.1	6.4	67	0	4.3	12
3	0	3	20	1.1	6.4	66	0	4.3	13
4	0	3	20	1.1	6.4	70	0	4.3	13
5	0	3	20	1.1	6.4	68	0	4.3	13
6	0	3	20	1.1	6.4	68	0	4.3	13
7	0	3	20	1.1	6.4	67	0	4.3	13
8	0	3	20	1.1	6.4	66	0	4.3	12
9	0	3	20	1.1	6.4	62	0	4.3	12
10	0	3	20	1.1	6.4	62	0	4.3	12
11	0	3	20	1.1	6.4	58	0	4.3	13
12	0	3	20	1.1	6.4	59	0	4.3	12
13	0	3	20	1.1	6.4	58	0	4.3	13
14	0	3	20	1.1	6.4	62	0	4.3	13
15	0	3	20	1.1	6.4	68	0	4.3	13
16	0	3	20	1.1	6.4	57	0	4.3	12
17	0	3	20	1.1	6.4	57	0	4.3	13
18	0	3	20	1.1	6.4	57	0	4.3	12
19	0	3	20	1.1	6.4	60	0	4.3	11
20	0	3	20	1.1	6.4	60	0	4.3	12
21	0	3	20	1.1	6.4	59	0	4.3	11
22	0	3	20	1.1	6.4	58	0	4.3	11
23	0	3	20	1.1	6.4	64	0	4.3	11
24	0	3	20	1.1	6.4	61	0	4.3	11
25	0	3	20	1.1	6.4	61	0	4.3	11
26	0	3	20	1.1	6.4	57	0	4.3	10
27	0	3	20	1.1	6.4	57	0	4.3	11
28	0	3	20	1.1	6.4	61	0	4.3	11
29	0	3	20	1.1	6.4	56	0	4.3	10
30	0	3	20	1.1	6.4	54	0	4.3	11
TOTAL	0	90	600	33	192	1845	0	129	358
MEAN	0	3	20	1	6	62	0	4	12
ACFT	0	179	1190	65	381	3660	0	256	710

*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	11740
Unit B Main Canal	9522900	1600
City of Yuma Diversions	9526000	1260
*Wellton Mohawk MODE # 2	9531800	2192

RESERVOIRS

	#LAKE MEAD	LAKE MOHAVE	LAKE HAVASU	#ALAMO LAKE	#Senator Wash
End of Current Months Contents	9936000	1562000	574700	138466	8647
End of Previous Months Contents	9971000	1435000	604800	140935	5636
Change in Contents	-35000	127000	-30100	-2469	3011

*Data furnished by other agencies.

#Data furnished by other agencies in acre-feet.