

PROJECT OR WATERSHED		1996		1997		1998		1999		2000	
NUMBER	COUNTY	ACRES	NCU	ACRES	NCU	ACRES	NCU	ACRES	NCU	ACRES	NCU
14080101	ARCHULETA	19,701.5	20,631.5	18,814.0	10,156.5	17,489.0	20,845.8	17,550.4	16,599.9	17,734.7	22,749.5
14080102	ARCHULETA	6,134.8	6,527.4	5,894.0	3,209.3	5,487.8	6,772.2	5,519.1	5,402.2	5,613.2	7,283.5
14020002	DELTA	2,955.3	6,111.1	2,803.8	4,684.9	2,601.8	5,583.0	2,601.8	4,900.6	2,613.3	5,805.1
14020004	DELTA	11,936.4	24,281.1	11,444.5	18,637.7	10,759.8	22,603.5	10,759.1	19,605.0	10,823.9	23,478.4
14020005	DELTA	36,918.7	74,295.8	43,139.9	71,364.4	41,268.2	80,456.6	41,848.3	73,445.1	43,190.1	97,994.9
14020006	DELTA	6,442.6	12,446.9	7,081.6	11,918.6	6,708.5	12,653.4	7,134.7	12,426.5	7,363.7	16,008.6
14030002	DOLORES	3,752.4	4,502.9	4,665.8	3,958.5	6,175.8	6,366.7	3,912.4	3,624.9	4,065.1	5,322.9
14080203	DOLORES	11,911.2	21,073.2	11,846.6	16,595.7	12,478.8	20,770.8	11,835.8	17,119.5	11,825.7	22,993.9
14010001	EAGLE	12,692.4	13,271.0	13,167.8	8,795.4	11,204.6	11,033.3	14,062.1	10,468.3	12,187.5	14,149.7
14010003	EAGLE	8,054.5	13,440.3	8,525.5	13,743.3	7,601.0	13,536.1	9,111.4	15,173.4	7,734.4	15,393.4
14010004	EAGLE	1,579.9	2,330.8	1,706.3	1,971.5	1,563.0	2,076.1	1,832.8	2,367.2	1,503.0	3,230.9
14010001	GARFIELD	1,085.6	1,793.7	1,072.0	1,356.5	1,057.1	1,574.7	1,038.0	1,617.2	1,038.0	2,689.4
14010004	GARFIELD	14,447.0	23,381.7	14,302.1	18,063.4	14,095.4	20,749.3	13,868.7	21,399.1	13,868.7	34,955.6
14010005	GARFIELD	48,123.5	83,392.0	47,131.3	81,105.8	46,598.8	87,427.7	45,495.6	81,687.3	45,394.6	94,631.9
14010006	GARFIELD	5,776.3	10,447.0	5,774.1	10,204.5	5,642.6	10,974.6	5,562.3	10,256.4	5,556.9	12,103.5
14010001	GRAND	50,820.5	47,237.7	43,234.8	27,501.5	34,399.3	28,408.9	41,070.5	31,939.8	31,086.6	32,117.5
14010002	GRAND	3,963.4	4,301.7	3,390.3	2,919.0	2,667.6	2,853.6	3,184.3	3,246.2	2,387.3	2,832.8
14010004	GUNNISON	137.0	94.8	138.4	75.0	130.7	85.0	134.2	49.3	119.3	68.5
14020001	GUNNISON	10,742.4	7,220.5	10,848.1	5,817.7	10,256.2	6,462.1	10,531.0	3,804.0	9,389.4	5,193.1
14020002	GUNNISON	33,492.2	39,658.4	33,829.4	32,628.1	31,941.2	37,540.5	32,817.8	27,225.8	29,176.3	34,306.0
14020003	GUNNISON	19,699.5	22,160.4	19,897.8	19,128.2	18,787.2	21,113.6	19,302.8	14,558.9	17,160.9	18,453.4
14020004	GUNNISON	4,511.6	9,132.5	4,557.0	7,511.6	4,302.6	9,041.1	4,420.7	8,163.7	3,930.2	8,447.4
14020002	HINSDALE	1,314.4	1,317.8	1,314.4	1,009.4	1,314.4	1,226.6	1,314.4	831.6	1,314.4	1,289.7
14080102	HINSDALE	3,604.9	3,919.9	3,604.9	1,921.9	3,604.9	4,440.2	3,604.9	3,487.9	3,604.9	4,789.0
14080101	LA PLATA	36,726.4	35,059.0	37,336.8	30,754.6	35,372.2	36,610.0	34,257.5	14,547.3	34,870.9	22,657.0
14080104	LA PLATA	32,932.5	40,324.3	33,168.0	28,123.4	31,593.7	37,976.9	30,993.2	22,181.4	31,733.3	41,799.5
14080105	LA PLATA	18,978.2	23,696.0	19,079.8	16,778.6	18,213.2	21,151.4	17,865.6	15,440.8	18,378.1	25,730.1
14010005	MESA	100,019.5	179,834.1	101,844.2	148,188.3	95,548.5	171,314.4	92,945.6	164,226.6	97,377.6	199,476.7
14010006	MESA	673.5	955.4	668.3	783.5	649.1	1,005.8	631.7	779.0	631.7	1,095.3
14020005	MESA	5,875.4	13,829.8	5,732.7	11,034.0	5,569.8	12,331.3	5,581.0	12,049.7	5,578.5	14,472.0
14030001	MESA	3,464.3	7,082.0	3,092.9	6,107.8	2,960.2	6,695.1	3,323.0	7,289.0	3,414.5	8,950.6
14030004	MESA	2,395.4	6,334.2	2,071.0	4,984.4	1,972.6	5,567.2	2,312.2	5,904.3	2,393.4	7,194.8
14080101	MINERAL	1,191.2	1,240.7	1,191.2	634.8	1,191.2	1,409.6	1,191.2	1,117.0	1,191.2	1,510.8
14080102	MINERAL	183.8	199.9	183.8	98.0	183.8	226.4	183.8	177.8	183.8	244.2
14040106	MOFFAT	752.4	1,091.4	695.6	994.1	635.8	1,252.6	692.6	1,164.6	782.2	1,472.1
14040109	MOFFAT	1,388.0	2,027.5	1,286.8	1,851.4	1,180.2	2,342.0	1,281.4	2,172.4	1,441.3	2,730.3
14050001	MOFFAT	12,117.9	16,499.4	11,207.8	11,712.7	10,249.8	13,833.6	11,159.9	13,766.3	12,596.9	18,789.2
14050002	MOFFAT	13,341.2	18,865.7	12,705.0	14,389.5	12,035.2	16,174.2	12,671.5	15,828.2	13,676.1	20,983.1
14050003	MOFFAT	11,935.8	16,027.2	11,195.1	12,750.2	10,415.5	13,035.7	11,156.1	12,360.3	12,325.6	14,399.3
14050007	MOFFAT	220.9	374.2	202.2	242.4	182.4	266.3	201.2	260.1	230.8	452.8
14030002	MONTEZUMA	2,298.4	2,901.6	2,478.3	2,778.3	2,326.7	3,143.2	2,542.0	2,972.1	2,204.1	3,563.4
14080107	MONTEZUMA	21,008.4	35,103.2	21,849.1	39,252.0	20,632.6	36,688.4	22,366.6	38,106.5	20,188.6	47,312.0
14080202	MONTEZUMA	47,044.5	82,518.0	49,607.8	86,163.9	47,064.9	85,678.0	49,936.9	85,737.4	45,611.6	105,452.9
14080203	MONTEZUMA	15,711.4	28,769.3	16,265.9	23,617.1	15,601.4	26,770.7	16,018.2	23,987.3	15,421.0	31,011.2
14020002	MONTROSE	6,643.1	13,929.6	6,791.5	11,474.2	6,430.4	13,947.0	6,386.6	12,117.1	6,176.1	13,906.1
14020005	MONTROSE	4,710.1	9,974.8	4,825.7	8,685.3	4,898.5	9,578.3	4,965.3	8,852.5	5,096.5	11,314.9
14020006	MONTROSE	54,414.0	102,410.6	55,728.8	88,834.0	54,414.9	107,509.8	54,431.1	58,642.2	55,168.1	113,345.5
14030002	MONTROSE	3,451.1	8,077.2	3,550.2	6,822.1	3,292.1	7,282.8	3,223.1	6,408.7	3,298.6	8,348.9
14030003	MONTROSE	9,103.9	15,769.5	9,333.8	12,502.7	8,926.1	14,105.6	8,907.3	11,852.3	8,546.0	16,470.4
14030004	MONTROSE	148.4	407.2	148.4	335.8	148.4	394.2	148.4	358.2	148.4	454.5
14020006	OURAY	18,079.9	20,650.5	13,708.5	11,211.9	14,909.2	16,613.1	13,978.5	10,165.0	15,859.4	18,147.6
14010004	PITKIN	10,329.4	9,107.1	7,769.0	5,733.2	7,163.4	5,070.4	8,210.1	4,310.0	7,038.3	5,759.3
14050001	RIO BLANCO	3,126.7	2,668.1	2,603.4	945.5	2,046.2	1,543.5	2,307.9	1,774.9	2,375.4	2,107.6
14050002	RIO BLANCO	2,892.0	3,606.6	2,412.4	2,257.9	1,901.9	2,303.4	2,141.6	2,077.7	2,203.5	2,788.6
14050005	RIO BLANCO	29,538.9	26,570.6	24,807.6	11,827.1	19,771.1	16,266.0	22,136.7	19,055.3	22,747.2	22,060.4
14050006	RIO BLANCO	5,308.4	7,284.0	4,593.8	6,729.2	3,833.1	6,344.9	4,190.4	6,265.3	4,282.6	6,088.7
14050007	RIO BLANCO	3,794.1	8,215.8	3,467.2	5,965.6	3,119.3	6,150.8	3,282.7	6,347.6	3,324.9	7,933.6
14010001	ROUTT	8,413.2	8,545.7	8,477.8	5,516.8	8,433.1	8,306.1	8,200.3	5,882.5	8,013.1	9,072.3
14050001	ROUTT	47,443.5	48,037.7	48,046.4	33,499.8	46,981.6	48,251.5	46,923.5	37,537.0	44,237.8	50,413.9
14050003	ROUTT	3,179.5	4,198.0	3,227.7	3,513.0	3,145.0	3,992.3	3,157.7	3,780.2	2,993.4	4,345.0
14020003	SAGUACHE	13,534.0	15,313.8	13,534.0	11,693.2	13,534.0	15,773.8	13,534.0	10,752.4	13,534.0	16,562.0
14020006	SAN MIGUEL	1,039.9	2,389.2	970.9	1,831.0	881.4	1,948.3	881.4	1,785.8	828.6	2,089.4
14030002	SAN MIGUEL	860.4	1,366.3	720.6	927.1	729.3	1,107.4	729.3	950.0	685.6	1,188.9
14030003	SAN MIGUEL	27,691.6	30,705.2	23,191.2	17,707.2	23,472.4	23,810.8	23,472.4	13,556.8	22,472.4	27,002.3
14010002	SUMMIT	5,111.3	5,432.3	3,833.5	3,281.4	4,259.4	4,542.9	4,685.4	4,432.6	4,515.0	4,423.9



COLORADO		IRRIGATION USE									
Hydrologic Unit	County	YEAR 1996		YEAR 1997		YEAR 1998		YEAR 1999		YEAR 2000	
		Total Irrigated Area (acres)	Net Consumptive Use (a-ft)	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)
14080101	ARCHULETA	18701.5	20831.5	18814.0	10156.5	17489.0	20845.8	17590.4	16599.9	17734.7	22749.5
14080102	ARCHULETA	8134.8	8527.4	5894.0	3209.3	5487.8	8772.2	5519.1	5402.2	5613.2	7283.5
COUNTY TOTAL		25836.3	27158.9	24708.0	13365.8	22976.8	27618.0	23089.5	22002.1	23347.9	30033.0
14020002	DELTA	2955.3	6111.1	2803.8	4684.9	2601.8	5583.0	2601.8	4900.6	2613.3	5805.1
14020004	DELTA	11936.4	24281.1	11444.5	18637.7	10759.8	22603.5	10759.1	19605.0	10823.9	23478.4
14020005	DELTA	36918.7	74285.8	43139.9	71364.4	41288.2	80456.8	41648.3	73445.1	43190.1	97994.9
14020006	DELTA	6442.6	12446.9	7081.6	11918.6	6708.5	12853.4	7134.7	12426.5	7363.7	16008.6
COUNTY TOTAL		58253.0	117134.9	64469.8	106805.6	61338.3	121296.5	62343.9	110377.2	63991.0	143287.0
14030002	DOLORES	3752.4	4502.9	4655.8	3858.5	6175.8	6368.7	3912.4	3824.9	4085.1	5322.9
14080203	DOLORES	11911.2	21073.2	11846.6	16595.7	12478.8	20770.8	11835.8	17119.5	11825.7	22993.9
COUNTY TOTAL		15663.6	25576.1	16512.4	20554.2	18654.6	27137.5	15748.2	20744.4	15890.8	28316.8
14010001	EAGLE	12692.4	13271.0	13167.8	8795.4	11204.6	11033.3	14062.1	10468.3	12187.5	14149.7
14010003	EAGLE	8054.5	13440.3	8525.5	13743.3	7601.0	13536.1	9111.4	15173.4	7734.4	15393.4
14010004	EAGLE	1579.9	2330.6	1706.3	1971.5	1583.0	2078.1	1832.8	2367.2	1503.0	3230.9
COUNTY TOTAL		22326.8	29042.1	23399.6	24510.2	20388.6	26645.5	25006.3	28008.9	21424.9	32774.0
14010001	GARFIELD	1085.6	1793.7	1070.2	1356.5	1057.1	1574.7	1038.0	1617.2	1038.0	2689.4
14010004	GARFIELD	14447.0	23381.7	14302.1	18063.4	14085.4	20749.3	13088.7	21896.1	13868.7	34955.6
14010005	GARFIELD	4813.5	8332.0	4713.1	8105.8	4859.3	8742.7	45495.6	81687.3	45394.8	94631.9
14010006	GARFIELD	5776.3	10447.0	5774.1	10204.5	5642.6	10874.6	5582.3	10256.4	5556.9	12103.5
COUNTY TOTAL		69432.4	119014.4	68277.7	110730.2	67393.9	120728.3	65964.6	114960.0	65858.2	144380.4
14010001	GRAND	50820.5	47237.7	43234.8	27501.5	34399.3	28408.9	41070.5	31938.8	31086.6	32117.5
14010002	GRAND	3963.4	4301.7	3390.3	2919.0	2687.6	2853.6	3184.3	3246.2	2387.3	2832.8
COUNTY TOTAL		54783.9	51539.4	46625.1	30420.5	37086.9	31262.5	44254.8	35186.0	33473.9	34950.3
14010004	GUNNISON	137.0	94.8	138.4	75.0	130.7	85.0	134.2	49.3	119.3	68.5
14020001	GUNNISON	10742.4	7220.5	10848.1	5817.7	10256.2	6492.1	10531.0	3804.0	9309.4	5193.1
14020002	GUNNISON	33422.2	39858.4	33829.4	32828.1	31941.2	37640.5	32817.8	27225.8	29178.3	34306.0
14020003	GUNNISON	10699.5	22160.4	19897.8	19128.2	18787.2	21113.6	19302.8	14558.9	17160.9	18453.4
14020004	GUNNISON	4511.6	9132.5	4557.0	7511.6	4302.6	9041.1	4420.7	8163.7	3930.2	8447.4
COUNTY TOTAL		68582.7	78266.6	69270.7	65160.6	65417.9	74242.3	67206.5	53801.7	59776.1	66468.4

COLORADO		IRRIGATION USE									
Hydrologic Unit	County	YEAR 1996		YEAR 1997		YEAR 1998		YEAR 1999		YEAR 2000	
		Total Irrigated Area (acres)	Net Consumptive Use (a-ft)	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)
14020002	HINSDALE	1314.4	1317.8	1314.4	1009.4	1314.4	1228.6	1314.4	831.8	1314.4	1289.7
14080102	HINSDALE	3604.9	3919.9	3604.9	1921.9	3604.9	4440.2	3604.9	3487.9	3604.9	4789.0
COUNTY TOTAL		4919.3	5237.7	4919.3	2931.3	4919.3	5668.8	4919.3	4318.5	4919.3	6078.7
14080101	LA PLATA	38726.4	35059.0	37338.6	30754.6	35372.2	36810.0	34257.5	14547.3	34870.9	22657.0
14080104	LA PLATA	32932.5	40324.3	33188.0	28123.4	31593.7	37976.9	30993.2	22181.4	31733.3	41798.5
14080105	LA PLATA	18978.2	23869.0	19078.8	16778.6	18213.2	21151.4	17865.6	15440.8	18378.1	25730.1
COUNTY TOTAL		88637.1	99078.3	89584.6	75656.6	85179.1	95738.3	83116.3	52169.5	84982.3	90186.6
14010005	MESA	100019.5	179834.1	101844.2	148188.3	95548.5	171314.4	92945.6	164226.6	97377.8	199476.7
14010006	MESA	673.5	955.4	668.3	783.5	649.1	1005.8	631.7	779.0	631.7	1093.3
14020005	MESA	5875.4	13829.8	5732.7	11034.0	5589.8	12331.3	5581.0	12048.7	5578.5	14472.0
14030001	MESA	3464.3	7082.0	3092.9	6107.8	2880.3	6895.1	3323.0	7289.0	3414.5	6861.6
14030004	MESA	2395.4	6334.2	2071.0	4884.4	1972.6	5587.2	2312.2	5904.3	2393.4	7194.8
COUNTY TOTAL		112428.1	208035.5	113409.1	171098.0	106700.2	196913.8	104793.5	190248.6	109395.7	231189.4
14080101	MINERAL	1191.2	1240.7	1191.2	634.8	1191.2	1409.6	1191.2	1117.0	1191.2	1510.8
14080102	MINERAL	183.8	199.9	183.8	88.0	183.8	228.4	183.8	177.8	183.8	244.2
COUNTY TOTAL		1375.0	1440.6	1375.0	722.8	1375.0	1638.0	1375.0	1294.8	1375.0	1755.0
14040106	MOFFAT	752.4	1091.4	685.6	994.1	635.8	1252.6	692.6	1164.6	782.2	1472.1
14040109	MOFFAT	1388.0	2027.5	1286.8	1851.4	1190.2	2342.0	1281.4	2172.4	1441.3	2730.3
14050001	MOFFAT	12177.9	16498.4	12078.6	11712.7	11712.7	10269.8	11159.9	13768.3	12589.9	16782.9
14050002	MOFFAT	13441.2	18685.7	12705.0	14389.5	12035.2	16174.2	12671.5	15828.2	13678.1	20983.1
14050003	MOFFAT	11935.8	16027.2	11195.1	12750.2	10415.5	13035.7	11156.1	12360.3	12325.6	14398.3
14050007	MOFFAT	220.9	374.2	202.2	242.4	182.4	268.3	201.2	260.1	230.8	452.8
COUNTY TOTAL		39756.2	54885.4	37282.5	41940.3	34688.9	46904.4	37162.7	45551.9	41052.9	58626.8
14030002	MONTEZUMA	2298.4	2901.6	2478.3	2778.3	2326.7	3143.2	2542.0	2972.1	2204.1	3583.4
14080107	MONTEZUMA	21008.4	35103.2	21849.1	39252.0	20632.6	36888.4	22366.8	38108.5	20188.6	47312.0
14080202	MONTEZUMA	47044.5	82518.0	49607.8	88163.9	47084.9	85878.0	49839.9	85737.4	45811.6	105452.9
14080203	MONTEZUMA	15711.4	28769.3	12685.9	23611.1	15901.4	28170.7	16018.2	23887.3	15621.0	31014.2
COUNTY TOTAL		86062.7	149282.1	90201.1	151811.3	85255.6	152280.3	90863.7	150803.3	83425.3	187338.5

COLORADO		IRRIGATION USE									
Hydrologic Unit	County	YEAR 1996		YEAR 1997		YEAR 1998		YEAR 1999		YEAR 2000	
		Total Irrigated Area (acres)	Net Consumptive Use (a-ft)	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)
14020002	MONTRORSE	6643.1	13928.6	6791.5	11474.2	6430.4	13947.0	6388.6	12117.1	6176.1	13906.1
14020005	MONTRORSE	4710.1	9974.8	4825.7	8685.3	4898.5	9578.3	4965.3	8852.5	5098.5	11314.9
14020006	MONTRORSE	54414.0	102410.6	55728.8	88834.0	54414.9	107509.8	54431.1	58842.2	55168.1	113345.5
14030002	MONTRORSE	3451.1	8077.2	3550.2	6822.1	3282.1	7282.8	3223.1	6408.7	3298.6	8348.9
14030003	MONTRORSE	9103.9	15789.5	8333.8	12502.7	8926.1	14105.8	8907.3	11852.3	8548.0	16470.4
14030004	MONTRORSE	148.4	407.2	148.4	335.8	148.4	394.2	148.4	352.2	148.4	454.5
COUNTY TOTAL		78470.8	150568.9	80378.4	128541.1	78110.4	152817.7	78081.8	98231.0	78433.7	163840.3
14020008	OURAY	18079.9	20850.5	13708.5	11211.8	14909.2	16613.1	13978.5	10165.0	15859.4	18147.6
COUNTY TOTAL		18079.9	20850.5	13708.5	11211.8	14909.2	16613.1	13978.5	10165.0	15859.4	18147.6
14010004	PITKIN	10329.4	9107.1	7769.0	5733.2	7183.4	5070.4	8210.1	4310.0	7038.3	5759.3
COUNTY TOTAL		10329.4	9107.1	7769.0	5733.2	7183.4	5070.4	8210.1	4310.0	7038.3	5759.3
14050001	RIO BLANCO	3128.7	2688.1	2603.4	945.5	2046.2	1543.5	2307.9	1774.9	2375.4	2107.6
14050002	RIO BLANCO	2892.0	3806.8	2412.4	2257.9	1919.9	2303.4	2141.6	2077.7	2503.5	2788.8
14050005	RIO BLANCO	29538.9	26570.6	24807.8	11927.1	19771.1	16266.0	12138.7	19055.3	22747.2	22080.4
14050006	RIO BLANCO	5306.4	7284.0	4593.8	8728.2	3833.1	8344.9	4190.4	6265.3	4282.6	6988.7
14050007	RIO BLANCO	3794.1	8215.8	3487.2	5965.6	3119.3	6150.8	3282.7	6347.6	3324.9	7933.6
COUNTY TOTAL		44680.1	48345.1	37884.4	27725.3	30871.6	32608.6	34059.3	35520.8	34933.6	40978.0
14010001	ROUTT	8413.2	8545.7	8477.8	5516.8	8433.1	8306.1	8200.3	5882.5	8013.1	9072.3

COLORADO		IRRIGATION USE									
Hydrologic Unit	County	1996		1997		1998		1999		2000	
		Total Irrigated Area (acres)	Net Consumptive Use (a-ft)	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)
14040106	MOFFAT	752.4	1091.4	695.6	994.1	635.8	1252.6	692.6	1164.6	782.2	1472.1
14040109	MOFFAT	1388.0	2027.5	1286.8	1851.4	1180.2	2342.0	1281.4	2172.4	1441.3	2730.3
14050001	MOFFAT	12117.9	16499.4	11207.8	11712.7	10249.8	13833.6	11159.9	13766.3	12596.9	18789.2
14050001	RIO BLANCO	3126.7	2668.1	2603.4	945.5	2046.2	1543.5	2307.9	1774.9	2375.4	2107.6
14050001	ROUTT	8413.2	8545.7	8477.8	5516.8	8433.1	8306.1	8200.3	5882.5	8013.1	9072.3
14050002	MOFFAT	13341.2	18965.7	12705.0	14389.5	12035.2	16174.2	12671.5	15828.2	13676.1	20983.1
14050002	RIO BLANCO	2892.0	3606.6	2412.4	2257.9	1901.9	2303.4	2141.6	2077.7	2203.5	2788.6
14050003	MOFFAT	11935.8	16027.2	11195.1	12750.0	10415.5	13035.7	11156.1	12360.3	12325.6	14399.3
14050003	ROUTT	47443.5	48037.7	48046.4	33499.8	46981.6	48251.5	46923.5	37537.0	44237.8	50413.9
14050005	RIO BLANCO	29538.9	26570.6	24807.6	11827.1	19771.1	16266.0	22136.7	19055.3	22747.2	22060.4
14050006	RIO BLANCO	5308.4	7284.0	4593.8	6729.2	3833.1	6344.9	4190.4	6265.3	4282.6	6088.7
14050007	MOFFAT	220.9	374.2	202.2	242.4	182.4	266.3	201.2	260.1	230.8	452.8
14050007	RIO BLANCO	3794.1	8215.8	3467.2	5965.6	3119.3	6150.8	3282.7	6347.6	3324.9	7933.6

<b>Green River Totals</b>	<b>140,273</b>	<b>159,814</b>	<b>131,701</b>	<b>108,682</b>	<b>120,785</b>	<b>136,071</b>	<b>126,346</b>	<b>124,492</b>	<b>128,237</b>	<b>159,292</b>
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COLORADO		IRRIGATION USE									
Hydrologic Unit	County	1996		1997		1998		1999		2000	
		Total Irrigated Area (acres)	Net Consumptive Use (a-ft)	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)
14080101	ARCHULETA	19701.5	20631.5	18814.0	10156.5	17489.0	20845.8	17550.4	16599.9	17734.7	22749.5
14080101	LA PLATA	36726.4	35059.0	37336.8	30754.6	35372.2	36610.0	34257.5	14547.3	34870.9	22657.0
14080101	MINERAL	1191.2	1240.7	1191.2	634.8	1191.2	1409.6	1191.2	1117.0	1191.2	1510.8
14080102	ARCHULETA	6134.8	6527.4	5894.0	3209.3	6772.2	5487.8	5519.1	5402.2	5613.2	7283.5
14080102	HINSDALE	3604.9	3919.9	3604.9	1921.9	3604.9	4440.2	3604.9	3487.9	3604.9	4789.0
14080102	MINERAL	183.8	199.9	183.8	98.0	183.8	226.4	183.8	177.8	183.8	244.2
14080104	LA PLATA	32932.5	40324.3	33168.0	28123.4	31593.7	37976.9	30993.2	22181.4	31733.3	41799.5
14080105	LA PLATA	18978.2	23696.0	19079.8	16778.6	18213.2	21151.4	17865.6	15440.8	18378.1	25730.1
14080107	MONTEZUMA	21008.4	35103.2	21849.1	39252.0	20632.6	36688.4	22366.6	38106.5	20188.6	47312.0
14080202	MONTEZUMA	47044.5	82518.0	49607.8	86163.9	47064.9	85678.0	49936.9	85737.4	45611.6	105452.9
14080203	DOLORES	11911.2	21073.2	11846.6	16595.7	12478.8	20770.8	11835.8	17119.5	11835.8	22983.9
14080203	MONTEZUMA	15711.4	28769.3	16265.9	23617.1	15601.4	26770.7	16018.2	23987.3	15421.0	31011.2

<b>San Juan River Totals</b>	<b>215,129</b>	<b>299,062</b>	<b>218,842</b>	<b>257,306</b>	<b>208,914</b>	<b>299,340</b>	<b>211,323</b>	<b>243,905</b>	<b>206,357</b>	<b>333,534</b>
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COLORADO		IRRIGATION USE									
Hydrologic Unit	County	1996		1997		1998		1999		2000	
		Total Irrigated Area (acres)	Net Consumptive Use (a-ft)	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)
14010001	EAGLE	12692.4	13271.0	13167.8	8795.4	11204.6	11033.3	14062.1	10468.3	12187.5	14149.7
14010001	GARFIELD	1085.6	1793.7	1070.2	1356.5	1057.1	1574.7	1038.0	1617.2	1038.0	2689.4
14010001	GRAND	50820.5	47237.7	43234.8	27501.5	34399.3	28408.9	41070.5	31939.8	31086.6	32117.5
14010001	ROUTT	8413.2	8545.7	8477.8	5516.8	8433.1	8306.1	8200.3	5882.5	8013.1	9072.3
14010002	GRAND	3963.4	4301.7	3390.3	2919.0	2667.6	2853.6	3184.3	3246.2	2387.3	2832.8
14010002	SUMMIT	5111.3	5432.3	3833.5	3281.4	4259.4	4542.9	4685.4	4432.6	4515.0	4423.9
14010003	EAGLE	8054.5	13440.3	8525.5	13743.3	7601.0	13536.1	9111.4	15173.4	7734.4	15383.4
14010004	EAGLE	1579.9	2330.8	1706.3	1971.5	1563.0	2076.1	1832.8	2367.2	1503.0	3230.9
14010004	GARFIELD	14447.0	23381.7	14302.1	18063.4	14095.4	20749.3	13868.7	21399.1	13868.7	34955.6
14010004	GUNNISON	137.0	94.8	138.4	75.0	130.7	85.0	134.2	49.3	119.3	68.5
14010004	PITKIN	10329.4	9107.1	7769.0	5733.2	7163.4	5070.4	8210.1	4310.0	7038.3	5759.3
14010005	GARFIELD	48123.5	83392.0	47131.3	81105.8	46598.8	87427.7	45495.6	81687.3	45394.6	94631.9
14010005	MESA	100019.5	179834.1	101844.2	148188.3	95548.5	171314.4	92945.6	164226.6	97377.6	199476.7
14010006	GARFIELD	5776.3	10447.0	5774.1	10204.5	5642.6	10974.6	5562.3	10256.4	5556.9	12103.5
14010006	MESA	673.5	955.4	668.3	783.5	649.1	1005.8	631.7	779.0	631.7	1095.3
14020001	GUNNISON	10742.4	7220.5	10848.1	5817.7	10256.2	6462.1	10531.0	3804.0	9389.4	5193.1
14020002	DELTA	2955.3	6111.1	2803.8	4684.9	2601.8	5583.0	2601.8	4900.6	2613.3	5805.1
14020002	GUNNISON	33492.2	39658.4	33829.4	32628.1	31941.2	37540.5	32817.8	27225.8	29176.3	34306.0
14020002	HINSDALE	1314.4	1317.8	1314.4	1009.4	1314.4	1228.6	1314.4	831.6	1314.4	1289.7
14020002	MONTRORSE	6643.1	13929.6	6791.5	11474.2	6430.4	13947.0	6366.6	12117.1	6176.1	13906.1
14020003	GUNNISON	19699.5	22160.4	19897.8	19128.2	18787.2	21113.6	19302.8	14558.9	17160.9	18453.4
14020003	SAGUACHE	13534.0	15313.8	13534.0	11693.2	13534.0	15773.8	13534.0	10752.4	13534.0	16562.0
14020004	DELTA	11936.4	24281.1	11444.5	18637.7	10759.8	22603.5	10759.1	19605.0	10823.9	23478.4
14020004	GUNNISON	4511.6	9132.5	4557.0	7511.6	4302.6	9041.1	4420.7	8163.7	3930.2	8447.4
14020005	DELTA	36918.7	74295.8	43139.9	71364.4	41268.2	80456.6	41848.3	73445.1	43190.1	97994.9
14020005	MESA	5875.4	13829.8	5732.7	11034.0	5569.8	12331.3	5581.0	12049.7	5578.5	14472.0
14020005	MONTRORSE	4710.1	9974.8	4825.7	8685.3	4898.5	9578.3	4965.3	8852.5	5096.5	11314.9
14020006	DELTA	6442.6	12446.9	7081.6	11918.6	6708.5	12653.4	7134.7	12426.5	7363.7	16008.6
14020006	MONTRORSE	54414.0	102410.6	55728.8	88834.0	54414.9	107509.8	54431.1	58642.2	55168.1	113345.5
14020006	OURAY	18079.9	20650.5	13708.5	17211.9	14909.2	16613.1	13978.5	10185.0	15859.4	18147.6
14020006	SAN MIGUEL	1039.9	2389.2	970.9	1831.0	881.4	1948.3	881.4	1785.8	828.6	2089.4
14030001	MESA	3464.3	7082.0	3092.9	6107.8	2960.2	6695.1	3323.0	7289.0	3414.5	8950.6
14030002	DOLORES	3752.4	4502.9	4665.8	3956.5	6175.8	6366.7	3912.4	3624.9	4065.1	5322.9
14030002	MONTEZUMA	2298.4	2901.6	2478.3	2778.3	2326.7	3143.2	2542.0	2972.1	2204.1	3563.4
14030002	MONTRORSE	3451.1	8077.2	3550.2	6822.1	3292.1	7282.8	3223.1	6408.7	3298.6	8348.9
14030002	SAN MIGUEL	860.4	1366.3	720.6	927.1	729.3	1107.4	729.3	950.0	685.6	1188.9
14030003	MONTRORSE	9103.9	15769.5	9333.8	12502.7	8926.1	14105.6	8907.3	11852.3	8546.0	16470.4
14030003	SAN MIGUEL	27891.6	30705.2	23191.2	17707.2	23472.4	23810.8	23472.4	13556.8	22472.4	27002.3
14030004	MESA	2395.4	6334.2	2071.0	4984.4	1972.6	5562.7	2312.2	5904.3	2393.4	7194.8
14030004	MONTRORSE	148.4	407.2	148.4	335.8	148.4	394.2	148.4	358.2	148.4	454.5

<b>Upper Main Stem Totals</b>	<b>556,702</b>	<b>855,834</b>	<b>546,494</b>	<b>702,827</b>	<b>519,595</b>	<b>811,814</b>	<b>529,092</b>	<b>690,077</b>	<b>512,884</b>	<b>911,312</b>
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<b>Upper Colorado River COLORADO</b>	<b>912,104</b>	<b>1,314,710</b>	<b>897,037</b>	<b>1,068,815</b>	<b>849,294</b>	<b>1,247,225</b>	<b>866,761</b>	<b>1,058,474</b>	<b>847,478</b>	<b>1,404,138</b>
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COLORADO			IRRIGATION USE									
Hydrologic Unit	County	Incidental Use	1996		1997		1998		1999		2000	
			Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)
14080101	ARCHULETA	5.1%	20631.5	21683.7	10156.5	10674.5	20845.8	21908.9	16599.9	17446.5	22749.5	23909.7
14080102	ARCHULETA	5.1%	6527.4	6860.3	3209.3	3373.0	6772.2	7117.6	5402.2	5677.7	7283.5	7655.0
COUNTY TOTAL			27158.9	28544.0	13365.8	14047.5	27618.0	29026.5	22002.1	23124.2	30033.0	31564.7
14020002	DELTA	28.8%	6111.1	7871.1	4684.9	6034.2	5583.0	7190.9	4900.6	6312.0	5805.1	7477.0
14020004	DELTA	28.8%	24281.1	31274.1	18637.7	24005.4	22603.5	29113.3	19605.0	25251.2	23476.8	30240.2
14020005	DELTA	28.8%	74295.8	95693.0	71364.4	91917.1	80456.6	103628.1	73446.1	94997.3	97994.9	126217.4
14020006	DELTA	28.8%	12446.9	16031.6	11918.6	15351.2	12653.4	16297.6	12426.5	16005.3	16006.8	20619.1
COUNTY TOTAL			117134.9	150888.8	104605.6	137308.1	121296.5	156228.9	110377.2	142165.8	143287.0	184553.7
14030002	DOLORES	28.8%	4502.9	5789.7	3958.5	5098.5	6368.7	8200.3	3624.9	4688.9	5322.9	6855.9
14030203	DOLORES	6.8%	21073.2	22506.2	16595.7	17724.2	20770.8	22183.2	17118.5	18283.6	22983.9	24557.5
COUNTY TOTAL			25576.1	28395.9	20554.2	22822.7	27137.5	30383.5	20744.4	22972.5	28316.8	31413.4
14010001	EAGLE	9.9%	13271.0	14584.8	8795.4	9688.1	11033.3	12125.6	10468.3	11504.7	14148.7	15500.5
14010003	EAGLE	18.9%	13440.3	15880.5	13743.3	16340.8	13336.1	16094.4	15173.4	18041.2	15393.4	18302.8
14010004	EAGLE	18.9%	2231.8	2771.3	1871.5	2344.1	2076.1	2468.5	2367.2	2814.8	3230.9	3841.5
COUNTY TOTAL			29042.1	33336.6	24510.2	28351.0	26645.5	30688.5	28008.9	32360.5	32774.0	37694.8
14010001	GARFIELD	18.9%	1793.7	2132.7	1356.5	1612.9	1574.7	1872.3	1617.2	1922.9	2689.4	3197.7
14010004	GARFIELD	18.9%	23381.7	27800.8	18063.4	21477.4	20749.3	24398.1	21398.1	25443.5	34655.6	41562.2
14010005	GARFIELD	18.9%	83392.0	99183.1	81105.8	96434.8	87427.7	103951.5	91887.3	97126.2	94631.9	112517.3
14010006	GARFIELD	18.9%	10447.0	12421.5	10204.5	12193.2	10974.8	13048.8	10256.4	12164.9	12103.5	14391.1
COUNTY TOTAL			119014.4	141908.1	110730.2	131686.3	120728.3	143543.5	114960.9	136687.5	144390.4	171668.3
14010001	GRAND	24.3%	47237.7	58716.5	27501.5	34184.4	28408.9	35312.3	31939.8	39701.2	32117.5	39922.1
14010002	GRAND	24.3%	4301.7	5347.0	2919.0	3628.3	2853.6	3547.0	3246.2	4035.0	2832.8	3521.2
COUNTY TOTAL			51539.4	64063.5	30420.5	37812.7	31262.5	38859.3	35186.0	43736.2	34950.3	43443.3
14010004	GUNNISON	18.9%	94.8	112.7	75.0	89.2	85.0	101.1	49.3	58.6	68.5	81.4
14020001	GUNNISON	24.3%	7220.5	8975.1	5817.7	7231.4	6462.1	8032.4	3804.0	4728.4	5193.1	6455.0
14020002	GUNNISON	18.9%	39658.4	47183.8	32928.1	38794.8	37540.5	44635.7	27226.0	32371.5	34306.0	40789.8
14020003	GUNNISON	28.8%	22190.4	28542.6	19125.2	24637.1	21131.8	27194.3	14653.9	18751.9	18453.4	23780.0
14020004	GUNNISON	28.8%	9123.2	11762.7	7511.8	9374.9	8041.1	11644.9	8163.7	10514.8	8447.4	10880.3
COUNTY TOTAL			78266.8	96434.2	63160.6	80338.2	74242.3	91507.3	63801.7	63886.6	66468.4	81893.1

COLORADO			IRRIGATION USE									
Hydrologic Unit	County	Incidental Use	1996		1997		1998		1999		2000	
			Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)
14020002	HINSDALE	28.8%	1317.8	1697.3	1009.4	1300.1	1226.6	1679.9	831.6	1071.1	1289.7	1681.1
14080102	HINSDALE	28.8%	3919.9	5048.8	1921.9	2478.4	4440.2	5719.0	3487.9	4492.4	4769.0	6168.2
COUNTY TOTAL			5237.7	6746.1	2931.3	3778.5	5666.8	7398.9	4319.5	5563.5	6058.7	7849.3
14080101	LA PLATA	5.1%	35059.0	36847.0	30754.6	32323.1	36610.0	39477.1	14547.3	15289.2	22657.0	23812.5
14080104	LA PLATA	5.1%	4024.3	42380.8	28124.4	28557.7	37976.9	39913.7	22181.4	23312.7	41796.5	43931.3
14080105	LA PLATA	5.1%	23686.0	24904.5	16778.6	17634.3	21191.4	22230.1	15440.8	16228.3	25730.1	27042.3
COUNTY TOTAL			99079.3	104132.3	75656.6	79515.1	95738.3	100620.9	52169.5	54830.2	90186.6	94766.1
14010005	MESA	5.1%	179834.1	189005.6	148188.3	155745.9	171314.4	180051.4	164226.6	172602.2	199476.7	206650.0
14010006	MESA	5.1%	955.4	1004.1	783.5	823.5	1005.8	1057.1	779.0	816.7	1095.3	1151.2
14020005	MESA	18.9%	13829.8	16443.8	11034.0	13119.4	12311.3	14681.9	12049.7	14327.1	14472.0	17207.2
14030001	MESA	18.9%	7082.0	8420.5	6107.8	7282.2	6895.1	7960.5	7289.0	8566.6	8550.6	10642.3
14030004	MESA	6.8%	6324.2	6784.9	4884.4	5323.3	5567.2	5945.8	5904.3	6305.8	7194.8	7684.0
COUNTY TOTAL			208035.5	221638.7	171098.0	182274.3	196913.8	209476.7	180246.6	202720.4	231189.4	246334.3
14080101	MINERAL	6.8%	1240.7	1325.1	634.8	678.0	1408.6	1505.5	1117.0	1193.0	1510.8	1613.5
14080102	MINERAL	6.8%	189.9	213.5	98.0	104.7	226.4	241.8	177.8	189.9	244.2	280.8
COUNTY TOTAL			1430.6	1538.6	732.8	782.7	1635.0	1747.3	1294.8	1382.9	1755.0	1894.3
14040108	MOFFAT	5.1%	1091.4	1147.1	994.1	1044.8	1252.6	1318.5	1164.8	1224.0	1472.1	1547.2
14040109	MOFFAT	5.1%	2627.5	2190.9	1851.4	1945.8	2242.0	2461.4	2172.4	2283.2	2730.3	2889.5
14050001	MOFFAT	24.3%	16499.4	20508.8	11712.7	14558.9	13833.6	17195.2	13766.3	17111.5	16789.2	23355.0
14050002	MOFFAT	24.3%	18665.7	23460.1	14389.5	17886.1	16174.2	20104.5	15828.2	19674.5	20883.1	26082.0
14050003	MOFFAT	24.3%	16027.2	19921.8	12750.2	15848.5	13035.7	16203.4	12380.3	15363.9	14399.3	17898.3
14050007	MOFFAT	8.8%	374.2	406.4	242.4	263.2	268.3	288.2	260.1	282.5	452.8	491.7
COUNTY TOTAL			54885.4	67665.1	41940.3	51847.3	46904.4	57570.2	45591.9	53939.6	58226.8	72243.7
14030002	MONTEZUMA	24.3%	2901.6	3606.7	2778.3	3454.4	3143.2	3907.0	2972.1	3694.3	3583.4	4429.3
14080107	MONTEZUMA	6.8%	35103.2	37480.2	39252.0	41921.1	36888.4	39183.2	38106.5	40697.7	47312.0	50529.2
14080202	MONTEZUMA	9.9%	82518.0	90687.3	86163.9	94694.1	86578.0	94160.1	85737.4	94225.4	105452.9	115892.7
14080203	MONTEZUMA	9.9%	28789.3	31617.5	23617.1	25955.2	26770.7	29421.0	23987.3	26382.0	31011.2	34081.3
COUNTY TOTAL			149292.1	161411.3	161811.3	166023.8	152280.3	166671.3	150803.3	164979.4	187339.5	204932.5

COLORADO			IRRIGATION USE									
Hydrologic Unit	County	Incidental Use	1996		1997		1998		1999		2000	
			Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)
14020002	MONTRON	9.9%	13829.8	15308.6	11474.2	12610.1	13947.0	15277.8	12117.1	13316.7	13006.1	15282.8
14020005	MONTRON	9.9%	9974.8	10962.3	8853.9	9545.1	9573.3	10526.6	8852.5	9728.9	11314.9	12435.1
14030002	MONTRON	28.8%	102410.6	131904.9	8834.0	114418.2	107509.8	138472.6	58642.2	75531.2	113345.5	145899.0
14030002	MONTRON	28.8%	8077.2	10403.4	6822.1	8786.9	7282.8	9380.2	6408.7	8254.4	8348.9	10753.4
14030003	MONTRON	28.8%	15769.5	20311.1	12502.7	16103.5	14105.6	18168.0	11852.3	15258.5	16470.4	21213.9
14030004	MONTRON	6.8%	407.2	434.9	335.8	358.6	394.2	421.0	368.2	382.6	454.5	495.4
COUNTY TOTAL			150584.9	189325.2	128654.1	161822.4	152817.7	192292.6	98231.0	122479.6	163440.3	206159.6
14020006	OURAY	6.8%	20650.5	22054.7	11211.9	11974.3	16613.1	17742.8	10165.0	10856.2	18147.6	19381.6
COUNTY TOTAL			20650.5	22054.7	11211.9	11974.3	16613.1	17742.8	10165.0	10856.2	18147.6	19381.6
14010004	PITKIN	6.8%	9107.1	9726.4	5733.2	6123.1	5070.4	5415.2	4310.0	4603.1	5759.3	6150.9
COUNTY TOTAL			9107.1	9726.4	5733.2	6123.1	5070.4	5415.2	4310.0	4603.1	5759.3	6150.9
14050001	RIO BLANCO	24.3%	2868.1	3316.4	945.5	1175.3	1543.5	1918.6	1774.9	2208.2	2107.6	2619.7
14050002	RIO BLANCO	24.3%	3606.8	4483.0	2257.9	2806.8	2303.4	2863.1	2077.7	2582.6	2788.6	3466.2
14050005	RIO BLANCO	24.3%	26570.8	33027.3	11827.1	14701.1	16286.0	20218.8	19055.3	23985.7	22060.4	27421.1



HUC TOTALS (with incidental losses)

State	HUC	County	1996	1997	1998	1999	2000
Colorado	14010001	EAGLE	14584.8	9666.1	12125.6	11504.7	15550.5
Colorado	14010001	GARFIELD	2132.7	1612.9	1872.3	1922.9	3197.7
Colorado	14010001	GRAND	58716.5	34184.4	35312.3	39701.2	39922.1
Colorado	14010001	ROUTT	10160.8	6559.5	9876.0	6994.3	10787.0
Colorado	14010002	GRAND	5347.0	3628.3	3547.0	4035.0	3521.2
Colorado	14010002	SUMMIT	6459.0	3901.6	5401.5	5270.4	5260.0
Colorado	14010003	EAGLE	15980.5	16340.8	16094.4	18041.2	18302.8
Colorado	14010004	EAGLE	2771.3	2344.1	2468.5	2814.6	3841.5
Colorado	14010004	GARFIELD	27800.8	21477.4	24670.9	25443.5	41562.2
Colorado	14010004	GUNNISON	112.7	89.2	101.1	58.6	81.4
Colorado	14010004	PITKIN	9726.4	6123.1	5415.2	4603.1	6150.9
Colorado	14010005	GARFIELD	99153.1	96434.8	103951.5	97126.2	112517.3
Colorado	14010005	MESA	189005.6	155745.9	180051.4	172602.2	209650.0
Colorado	14010006	GARFIELD	12421.5	12133.2	13048.8	12194.9	14391.1
Colorado	14010006	MESA	1004.1	823.5	1057.1	818.7	1151.2
Colorado	14020001	GUNNISON	8975.1	7231.4	8032.4	4728.4	6455.0
Colorado	14020002	DELTA	7871.1	6034.2	7190.9	6312.0	7477.0
Colorado	14020002	GUNNISON	47153.8	38794.8	44635.7	32371.5	40789.8
Colorado	14020002	HINSDALE	1697.3	1300.1	1579.9	1071.1	1661.1
Colorado	14020002	MONTRORSE	15308.6	12610.1	15327.8	13316.7	15282.8
Colorado	14020003	GUNNISON	28542.6	24637.1	27194.3	18751.9	23768.0
Colorado	14020003	SAGUACHE	19724.2	15060.8	20316.7	13849.1	21331.9
Colorado	14020004	DELTA	31274.1	24005.4	29113.3	25251.2	30240.2
Colorado	14020004	GUNNISON	11762.7	9674.9	11644.9	10514.8	10880.3
Colorado	14020005	DELTA	95693.0	91917.3	103628.1	94597.3	126217.4
Colorado	14020005	MESA	16443.6	13119.4	14661.9	14327.1	17207.2
Colorado	14020005	MONTRORSE	10962.3	9545.1	10526.6	9728.9	12435.1
Colorado	14020006	DELTA	16031.6	15351.2	16297.6	16005.3	20619.1
Colorado	14020006	MONTRORSE	131904.9	114418.2	138472.6	75531.2	145989.0
Colorado	14020006	OURAY	22054.7	11974.3	17742.8	10856.2	19381.6
Colorado	14020006	SAN MIGUEL	3077.3	2358.3	2509.4	2300.1	2691.1
Colorado	14030001	MESA	8420.5	7262.2	7960.5	8666.6	10642.3
Colorado	14030002	DOLORES	5799.7	5098.5	8200.3	4668.9	6855.9
Colorado	14030002	MONTEZUMA	3606.7	3453.4	3907.0	3694.3	4429.3
Colorado	14030002	MONTRORSE	10403.4	8786.9	9380.2	8254.4	10753.4
Colorado	14030002	SAN MIGUEL	1459.2	990.1	1182.7	1014.6	1269.7
Colorado	14030003	MONTRORSE	20311.1	16103.5	18168.0	15265.8	21213.9
Colorado	14030003	SAN MIGUEL	32793.2	18911.3	25429.9	14478.7	28838.5
Colorado	14030004	MESA	6764.9	5323.3	5945.8	6305.8	7684.0
Colorado	14030004	MONTRORSE	434.9	358.6	421.0	382.6	485.4
Colorado	14040106	MOFFAT	1147.1	1044.8	1316.5	1224	1547.2
Colorado	14040109	MOFFAT	2130.9	1945.8	2461.4	2283.2	2869.5
Colorado	14050001	MOFFAT	20508.8	14558.9	17195.2	17111.5	23355
Colorado	14050001	RIO BLANCO	3316.4	1175.3	1918.6	2206.2	2619.7
Colorado	14050001	ROUTT	10622.3	6857.4	10324.5	7311.9	11276.9
Colorado	14050002	MOFFAT	23450.1	17886.1	20104.5	19674.5	26082
Colorado	14050002	RIO BLANCO	4483	2806.6	2863.1	2582.6	3466.2
Colorado	14050003	MOFFAT	19921.8	15848.5	16203.4	15363.9	17898.3
Colorado	14050003	ROUTT	51304.3	35777.8	51532.6	40089.5	53842
Colorado	14050005	RIO BLANCO	33027.3	14701.1	20218.6	23685.7	27421.1
Colorado	14050006	RIO BLANCO	9054	8364.4	7886.7	7787.8	7568.3
Colorado	14050007	MOFFAT	406.4	263.2	289.2	282.5	491.7
Colorado	14050007	RIO BLANCO	10212.2	7415.2	7645.4	7890.1	9861.5
Colorado	14080101	ARCHULETA	21683.7	10674.5	21908.9	17446.5	23909.7
Colorado	14080101	LA PLATA	36847	32323.1	38477.1	15289.2	23812.5
Colorado	14080101	MINERAL	1325.1	678	1505.5	1193	1613.5
Colorado	14080102	ARCHULETA	6860.3	3373	7117.6	5677.7	7655
Colorado	14080102	HINSDALE	5048.8	2475.4	5719	4492.4	6168.2
Colorado	14080102	MINERAL	213.5	104.7	241.8	189.9	260.8
Colorado	14080104	LA PLATA	42380.8	29557.7	39913.7	23312.7	43931.3
Colorado	14080105	LA PLATA	24904.5	17634.3	22230.1	16228.3	27042.3
Colorado	14080107	MONTEZUMA	37490.2	41921.1	39183.2	40697.7	50529.2
Colorado	14080202	MONTEZUMA	90687.3	94694.1	94160.1	94225.4	115892.7
Colorado	14080203	DOLORES	22508.2	17724.2	22183.2	18283.6	24557.5
Colorado	14080203	MONTEZUMA	31617.5	25955.2	29421	26362	34081.3

County Totals (with incidental losses)

County	1996	1997	1998	1999	2000
ARCHULETA	28544	14047.5	29026.5	23124.2	31564.7
DELTA	150870	137308	156230	142166	184554
DOLORES	28305.9	22822.7	30383.5	22952.5	31413.4
EAGLE	33336.6	28351	30688.5	32360.5	37694.8
GARFIELD	141508	131658	143544	136688	171668
GRAND	64063.5	37812.7	38859.3	43736.2	43443.3
GUNNISON	96434.2	80338.2	91507.3	66366.6	81893.1
HINSDALE	6746.1	3775.5	7298.9	5563.5	7829.3
LA PLATA	104132	79515.1	100621	54830.2	94786.1
MESA	221639	182274	209677	202720	246335
MINERAL	1538.6	782.7	1747.3	1382.9	1874.3
MOFFAT	67565.1	51547.3	57570.2	55939.6	72243.7
MONTEZUMA	163402	166024	166671	164979	204933
MONTRORSE	189325.2	161822.4	192296.2	122479.6	206159.6
OURAY	22054.7	11974.3	17742.8	10856.2	19381.6
PITKIN	9726.4	6123.1	5415.2	4603.1	6150.9
RIO BLANCO	60092.9	34462.6	40532.4	44152.4	50936.8
ROUTT	74355.2	51951.7	74116.4	57690.1	78082
SAGUACHE	19724.2	15060.8	20316.7	13849.1	21331.9
SAN MIGUEL	37329.7	22259.7	29122	17793.4	32799.3
SUMMIT	6459	3901.6	5401.5	5270.4	5260

**HUC TOTALS**

State	HUC	County	1996	1997	1998	1999	2000
Colorado	14010001	EAGLE	12692.4				
Colorado	14010001	GARFIELD	1085.6				
Colorado	14010001	GRAND	50820.5				
Colorado	14010001	ROUTT	8413.2				
Colorado	14010002	GRAND	3963.4				
Colorado	14010002	SUMMIT	5111.3				
Colorado	14010003	EAGLE	8054.5				
Colorado	14010004	EAGLE	1579.9				
Colorado	14010004	GARFIELD	14447.0				
Colorado	14010004	GUNNISON	137.0				
Colorado	14010004	PITKIN	10329.4				
Colorado	14010005	GARFIELD	48123.5				
Colorado	14010005	MESA	100019.5				
Colorado	14010006	GARFIELD	5776.3				
Colorado	14010006	MESA	673.5				
Colorado	14020001	GUNNISON	10742.4				
Colorado	14020002	DELTA	2955.3				
Colorado	14020002	GUNNISON	33492.2				
Colorado	14020002	HINSDALE	1314.4				
Colorado	14020002	MONTROSE	6643.1				
Colorado	14020003	GUNNISON	19699.5				
Colorado	14020003	SAGUACHE	13534.0				
Colorado	14020004	DELTA	11936.4				
Colorado	14020004	GUNNISON	4511.6				
Colorado	14020005	DELTA	36918.7				
Colorado	14020005	MESA	5875.4				
Colorado	14020005	MONTROSE	4710.1				
Colorado	14020006	DELTA	6442.6				
Colorado	14020006	MONTROSE	54414.0				
Colorado	14020006	OURAY	18079.9				
Colorado	14020006	SAN MIGUEL	1039.9				
Colorado	14030001	MESA	3464.3				
Colorado	14030002	DOLORES	3752.4				
Colorado	14030002	MONTEZUMA	2298.4				
Colorado	14030002	MONTROSE	3451.1				
Colorado	14030002	SAN MIGUEL	860.4				
Colorado	14030003	MONTROSE	9103.9				
Colorado	14030003	SAN MIGUEL	27691.6				
Colorado	14030004	MESA	2395.4				
Colorado	14030004	MONTROSE	148.4				
Colorado	14040106	MOFFAT	752.4				
Colorado	14040109	MOFFAT	1388.0				
Colorado	14050001	MOFFAT	12117.9				
Colorado	14050001	RIO BLANCO	3126.7				
Colorado	14050001	ROUTT	8413.2				
Colorado	14050002	MOFFAT	13341.2				
Colorado	14050002	RIO BLANCO	2892.0				
Colorado	14050003	MOFFAT	11935.8				
Colorado	14050003	ROUTT	47443.5				
Colorado	14050005	RIO BLANCO	29538.9				
Colorado	14050006	RIO BLANCO	5308.4				
Colorado	14050007	MOFFAT	220.9				
Colorado	14050007	RIO BLANCO	3794.1				
Colorado	14080101	ARCHULETA	19701.5				
Colorado	14080101	LA PLATA	36726.4				
Colorado	14080101	MINERAL	1191.2				
Colorado	14080102	ARCHULETA	6134.8				
Colorado	14080102	HINSDALE	3604.9				
Colorado	14080102	MINERAL	183.8				
Colorado	14080104	LA PLATA	32932.5				
Colorado	14080105	LA PLATA	18978.2				
Colorado	14080107	MONTEZUMA	21008.4				
Colorado	14080202	MONTEZUMA	47044.5				
Colorado	14080203	DOLORES	11911.2				
Colorado	14080203	MONTEZUMA	15711.4				

**County Totals**

County	1996	1997	1998	1999	2000
ARCHULETA	25836.3	24708	22976.8	23069.5	23347.9
DELTA	58253	64469.8	61338.3	62343.9	63991
DOLORES	15663.6	16512.4	18654.6	15748.2	15890.8
EAGLE	22326.8	23399.6	20368.6	25006.3	21424.9
GARFIELD	69432.4	68277.7	67393.9	65964.6	65858.2
GRAND	54783.9	46625.1	37066.9	44254.8	33473.9
GUNNISON	68582.7	69270.7	65417.9	67206.5	59776.1
HINSDALE	4919.3	4919.3	4919.3	4919.3	4919.3
LA PLATA	88637.1	89584.6	85179.1	83116.3	84982.3
MESA	112428	113409	106700	104794	109396
MINERAL	1375	1375	1375	1375	1375
MOFFAT	39756.2	37292.5	34698.9	37162.7	41052.9
MONTEZUMA	86062.7	90201.1	85625.6	90863.7	83425.3
MONTROSE	78470.6	80378.4	78110.4	78061.8	78433.7
OURAY	18079.9	13708.5	14909.2	13978.5	15859.4
PITKIN	10329.4	7769	7163.4	8210.1	7038.3
RIO BLANCO	44660.1	37884.4	30671.6	34059.3	34933.6
ROUTT	59036.2	59751.9	58559.7	58281.5	55244.3
SAGUACHE	13534	13534	13534	13534	13534
SAN MIGUEL	29591.9	24882.7	25083.1	25083.1	23986.6
SUMMIT	5111.3	3833.5	4259.4	4685.4	4515



PROJECT OR WATERSHED NUMBER COUNTY	1996		1997		1998		1999		2000	
	ACRES	NCU	ACRES	NCU	ACRES	NCU	ACRES	NCU	ACRES	NCU
1.4E+07 CARBON	511.4	871.5	599.2	864.1	599.6	1,050.8	599.6	857.8	560.6	893.7
1.4E+07 CARBON	10,944.2	16,788.0	11,533.4	16,595.7	11,388.3	19,627.4	11,741.1	21,973.3	11,455.3	14,212.2
1.4E+07 DAGGETT	6,093.6	12,538.4	6,279.0	17,546.8	6,270.5	12,744.4	6,228.0	19,281.4	5,124.1	7,458.2
1.4E+07 DUCHESNE	96,074.3	137,719.1	97,360.2	129,660.1	96,566.9	153,725.7	95,773.2	144,410.5	90,199.3	141,883.4
1.4E+07 DUCHESNE	4,052.3	6,278.6	4,119.3	5,356.2	4,097.5	6,538.5	4,048.0	5,792.0	3,841.7	5,904.3
1.4E+07 DUCHESNE	5,567.6	7,772.9	5,639.7	5,520.3	5,573.3	6,042.4	5,392.2	6,645.8	5,484.6	6,843.9
1.4E+07 EMERY	195.1	313.3	181.7	255.8	188.4	385.2	181.7	251.3	174.9	226.2
1.4E+07 EMERY	9,594.8	9,420.3	10,233.0	9,733.3	9,937.3	15,907.2	9,644.5	15,289.0	9,447.6	9,245.6
1.4E+07 EMERY	2,211.5	5,182.4	2,565.4	5,533.2	2,339.9	5,848.3	2,081.5	4,805.0	2,230.1	5,364.8
1.4E+07 EMERY	21,136.9	27,117.6	22,569.9	23,275.0	21,900.8	34,127.9	21,205.1	31,325.1	20,991.3	28,522.5
1.4E+07 EMERY	6,978.4	10,955.3	7,031.5	10,237.7	7,036.4	13,627.3	6,865.9	9,813.1	6,729.3	9,873.2
1.4E+07 GARFIELD	454.7	1,029.4	482.8	958.5	471.7	1,155.4	475.8	881.6	481.4	1,000.1
1.4E+07 GARFIELD	5,440.9	8,547.5	5,614.5	8,102.7	5,278.5	7,917.0	5,231.5	3,924.0	5,119.2	5,523.3
1.4E+07 GARFIELD	2,297.1	5,040.9	2,376.8	3,619.7	2,124.2	3,017.1	2,136.4	3,685.6	2,149.6	4,219.7
1.4E+07 GRAND	801.6	1,973.5	995.1	3,480.0	940.4	3,344.1	923.3	3,207.8	875.5	2,447.8
1.4E+07 GRAND	541.3	1,195.9	844.6	2,108.7	823.9	2,152.6	817.4	1,995.8	761.0	1,672.4
1.4E+07 GRAND	2,140.9	4,753.5	2,599.4	7,465.1	2,454.0	6,961.1	2,408.3	6,412.4	2,290.6	5,178.3
1.4E+07 GRAND	556.8	1,755.2	632.9	1,781.2	590.8	1,705.2	577.5	1,589.5	552.9	1,655.2
1.4E+07 KANE	46.0	95.7	46.0	58.9	46.0	56.4	46.0	67.4	46.0	79.1
1.4E+07 SAN JUAN	1,158.5	1,343.0	1,387.3	1,918.3	1,387.3	1,851.3	1,387.3	1,750.3	1,167.4	1,008.7
1.4E+07 SAN JUAN	1,874.0	2,228.0	2,114.0	2,991.6	2,085.5	2,858.9	2,114.0	2,567.7	1,956.5	2,197.3
1.4E+07 SAN JUAN	2,612.8	6,874.3	3,108.9	6,459.7	2,984.4	7,254.6	3,108.9	7,082.1	2,836.9	7,805.6
1.4E+07 SAN JUAN	1,254.0	2,894.2	1,342.8	2,544.0	1,342.8	2,837.4	1,342.8	2,374.7	1,292.4	3,153.1
1.4E+07 SEVIER	922.3	1,115.0	934.1	1,213.8	935.8	1,515.7	931.8	1,284.6	926.0	1,403.7
1.4E+07 SUMMIT	990.0	1,045.4	992.0	1,527.5	980.0	988.4	990.0	1,735.7	980.0	709.6
1.4E+07 UINTAH	99.1	144.0	102.6	161.4	99.1	148.9	99.1	155.9	102.0	130.4
1.4E+07 UINTAH	950.7	1,358.0	989.0	1,425.2	1,032.9	1,420.2	1,034.7	1,500.6	736.9	1,001.1
1.4E+07 UINTAH	23,354.2	39,048.0	24,140.3	39,438.8	23,626.4	46,572.0	23,524.9	43,336.6	23,925.7	39,366.1
1.4E+07 UINTAH	27,436.1	39,669.8	28,270.7	41,203.4	27,636.1	47,864.2	27,627.7	45,789.6	27,994.3	37,827.5
1.4E+07 UINTAH	36,013.1	60,244.9	3,722.4	66,856.0	36,451.2	71,999.8	36,232.2	89,614.8	36,691.0	53,832.5
1.4E+07 UINTAH	925.9	1,651.3	957.4	1,480.0	953.0	1,797.1	939.9	1,531.0	952.7	1,513.1
1.4E+07 UINTAH	765.4	830.6	792.4	828.9	765.4	1,651.4	765.4	862.0	787.9	513.7
1.4E+07 WASATCH	160.0	304.3	160.0	204.9	160.0	247.0	160.0	222.7	160.0	309.0
1.4E+07 WAYNE	15,195.7	17,942.5	14,142.8	19,381.8	14,332.2	22,060.9	14,404.4	20,773.8	14,294.6	25,788.8
1.4E+07 WAYNE	45.2	100.5	40.5	86.5	38.1	100.8	38.1	75.5	38.1	76.9



UTAH		IRRIGATION USE									
Hydrologic Unit	County	1996		1997		1998		1999		2000	
		Total Irrigated Area (acres)	Net Consumptive Use (a-ft)	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)
14060005	CARBON	511.4	871.5	599.2	864.1	599.6	1050.8	599.6	857.8	560.6	893.7
14060007	CARBON	10944.2	16788.0	11533.4	16595.7	11388.3	19627.4	11741.1	21973.3	11455.3	14212.2
<b>COUNTY TOTAL</b>		<b>11455.6</b>	<b>17659.5</b>	<b>12132.6</b>	<b>17459.8</b>	<b>11987.9</b>	<b>20678.2</b>	<b>12340.7</b>	<b>22831.1</b>	<b>12015.9</b>	<b>15105.9</b>
14040106	DAGGETT	6093.6	12538.4	6279.0	17546.8	6270.5	12744.4	6228.0	19281.4	5124.1	7458.2
<b>COUNTY TOTAL</b>		<b>6093.6</b>	<b>12538.4</b>	<b>6279.0</b>	<b>17546.8</b>	<b>6270.5</b>	<b>12744.4</b>	<b>6228.0</b>	<b>19281.4</b>	<b>5124.1</b>	<b>7458.2</b>
14060003	DUCHESNE	96074.3	137719.1	97360.2	129660.1	96566.9	153725.7	95773.2	144410.5	90199.3	141883.4
14060004	DUCHESNE	4052.3	6278.6	4119.3	5356.2	4097.5	6538.5	4048.0	5792.0	3841.7	5904.3
14060005	DUCHESNE	5567.6	7772.9	5639.7	5520.3	5573.3	6042.4	5392.2	6645.8	5484.6	6843.9
<b>COUNTY TOTAL</b>		<b>105694.2</b>	<b>151770.6</b>	<b>107119.2</b>	<b>140536.6</b>	<b>106237.7</b>	<b>166306.6</b>	<b>105213.4</b>	<b>156848.3</b>	<b>99525.6</b>	<b>154631.6</b>
14060005	EMERY	195.1	313.3	181.7	255.8	188.4	385.2	181.7	251.3	174.9	226.2
14060007	EMERY	9594.8	9420.3	10233.0	9733.3	9937.3	15907.2	9644.5	15289.0	9447.6	9245.6
14060008	EMERY	2211.5	5182.4	2565.4	5533.2	2339.9	5848.3	2081.5	4805.0	2230.1	5364.8
14060009	EMERY	21136.9	27117.6	22569.9	23275.0	21900.8	34127.9	21205.1	31325.1	20991.3	28522.5
14070002	EMERY	6978.4	10955.3	7031.5	10237.7	7036.4	13627.3	6865.9	9813.1	6729.3	9873.2
<b>COUNTY TOTAL</b>		<b>40116.7</b>	<b>52988.9</b>	<b>42581.5</b>	<b>49035.0</b>	<b>41402.8</b>	<b>69895.9</b>	<b>39978.7</b>	<b>61483.5</b>	<b>39573.2</b>	<b>53232.3</b>
14070003	GARFIELD	454.7	1029.4	482.8	958.5	471.7	1155.4	475.8	881.6	481.4	1000.1
14070005	GARFIELD	5440.9	8547.5	5614.5	8102.7	5278.5	7917.0	5231.5	3924.0	5119.2	5523.3
14070007	GARFIELD	2297.1	5040.9	2376.8	3619.7	2124.2	3017.1	2136.4	3685.6	2149.6	4219.7
<b>COUNTY TOTAL</b>		<b>8192.7</b>	<b>14617.8</b>	<b>8474.1</b>	<b>12680.9</b>	<b>7874.4</b>	<b>12089.5</b>	<b>7843.7</b>	<b>8491.2</b>	<b>7750.2</b>	<b>10743.1</b>
14030001	GRAND	801.6	1973.5	995.1	3480.0	940.4	3344.1	923.3	3207.8	875.5	2447.8
14030004	GRAND	541.3	1195.9	844.6	2108.7	823.9	2152.6	817.4	1995.8	761.0	1672.4
14030005	GRAND	2140.9	4753.5	2599.4	7465.1	2454.0	6961.1	2408.3	6412.4	2290.6	5178.3
14060008	GRAND	556.8	1755.2	632.9	1781.2	590.8	1705.2	577.5	1589.5	552.9	1655.2
<b>COUNTY TOTAL</b>		<b>4040.6</b>	<b>9678.1</b>	<b>5072.0</b>	<b>14835.0</b>	<b>4809.1</b>	<b>14163.0</b>	<b>4726.5</b>	<b>13205.5</b>	<b>4480.0</b>	<b>10953.7</b>

UTAH		IRRIGATION USE									
Hydrologic Unit	County	1996		1997		1998		1999		2000	
		Total Irrigated Area (acres)	Net Consumptive Use (a-ft)	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)
14070007	KANE	46.0	95.7	46.0	58.9	46.0	56.4	46.0	67.4	46.0	79.1
<b>COUNTY TOTAL</b>		<b>46.0</b>	<b>95.7</b>	<b>46.0</b>	<b>58.9</b>	<b>46.0</b>	<b>56.4</b>	<b>46.0</b>	<b>67.4</b>	<b>46.0</b>	<b>79.1</b>
14030002	SAN JUAN	1158.5	1343.0	1387.3	1918.3	1387.3	1851.3	1387.3	1750.3	1167.4	1008.7
14030005	SAN JUAN	1874.0	2228.0	2114.0	2991.6	2085.5	2858.9	2114.0	2567.7	1956.5	2197.3
14080201	SAN JUAN	2612.8	6874.3	3108.9	6459.7	2984.4	7254.6	3108.9	7082.1	2836.9	7805.6
14080203	SAN JUAN	1254.0	2894.2	1342.8	2544.0	1342.8	2837.4	1342.8	2374.7	1292.4	3153.1
<b>COUNTY TOTAL</b>		<b>6899.3</b>	<b>13339.5</b>	<b>7953.0</b>	<b>13913.6</b>	<b>7800.0</b>	<b>14802.2</b>	<b>7953.0</b>	<b>13774.8</b>	<b>7253.2</b>	<b>14164.7</b>
14070002	SEVIER	922.3	1115.0	934.1	1213.8	935.8	1515.7	931.8	1284.6	926.0	1403.7
<b>COUNTY TOTAL</b>		<b>922.3</b>	<b>1115.0</b>	<b>934.1</b>	<b>1213.8</b>	<b>935.8</b>	<b>1515.7</b>	<b>931.8</b>	<b>1284.6</b>	<b>926.0</b>	<b>1403.7</b>
14040106	SUMMIT	990.0	1045.4	992.0	1527.5	980.0	988.4	990.0	1735.7	980.0	709.6
<b>COUNTY TOTAL</b>		<b>990.0</b>	<b>1045.4</b>	<b>992.0</b>	<b>1527.5</b>	<b>980.0</b>	<b>988.4</b>	<b>990.0</b>	<b>1735.7</b>	<b>980.0</b>	<b>709.6</b>
14040106	UINTAH	99.1	144.0	102.6	161.4	99.1	148.9	99.1	155.9	102.0	130.4
14050007	UINTAH	950.7	1358.0	989.0	1425.2	1032.9	1420.2	1034.7	1500.6	736.9	1001.1
14060001	UINTAH	23354.2	39048.0	24140.3	39438.8	23626.4	46572.0	23524.9	43336.6	23925.7	39366.1
14060002	UINTAH	27436.1	39669.8	28270.7	41203.4	27636.1	47864.2	27627.7	45789.6	27994.3	37827.5
14060003	UINTAH	36013.1	60244.9	37224.4	66856.0	36451.2	71999.8	36232.2	89614.8	36691.0	53832.5
14060005	UINTAH	925.9	1651.3	957.4	1480.0	953.0	1797.1	939.9	1531.0	952.7	1513.1
14060006	UINTAH	765.4	830.6	792.4	828.9	765.4	1651.4	765.4	862.0	787.9	513.7
<b>COUNTY TOTAL</b>		<b>89544.5</b>	<b>142946.6</b>	<b>58974.8</b>	<b>151393.7</b>	<b>90564.1</b>	<b>171453.6</b>	<b>90223.9</b>	<b>182790.5</b>	<b>91190.5</b>	<b>134184.4</b>
14060004	WASATCH	160.0	304.3	160.0	204.9	160.0	247.0	160.0	222.7	160.0	309.0
<b>COUNTY TOTAL</b>		<b>160.0</b>	<b>304.3</b>	<b>160.0</b>	<b>204.9</b>	<b>160.0</b>	<b>247.0</b>	<b>160.0</b>	<b>222.7</b>	<b>160.0</b>	<b>309.0</b>
14070003	WAYNE	15195.7	17942.5	14142.8	19381.8	14332.2	22060.9	14404.4	20773.8	14294.6	25788.8
14070004	WAYNE	45.2	100.5	40.5	86.5	38.1	100.8	38.1	75.5	38.1	76.9
<b>COUNTY TOTAL</b>		<b>15240.9</b>	<b>18043.0</b>	<b>14183.3</b>	<b>19468.3</b>	<b>14370.3</b>	<b>22161.7</b>	<b>14442.5</b>	<b>20849.3</b>	<b>14332.7</b>	<b>25865.7</b>

UTAH		IRRIGATION USE									
		1996		1997		1998		1999		2000	
Hydrologic Unit	County	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)
14030001	GRAND	801.6	1973.5	995.1	3480.0	940.4	3344.1	923.3	3207.8	875.5	2447.8
14030002	SAN JUAN	1158.5	1343.0	1387.3	1918.3	1387.3	1851.3	1387.3	1750.3	1167.4	1008.7
14030004	GRAND	541.3	1195.9	844.6	2108.7	823.9	2152.6	817.4	1995.8	761.0	1672.4
14030005	GRAND	2140.9	4753.5	2599.4	7465.1	2454.0	6961.1	2408.3	6412.4	2290.6	5178.3
14030005	SAN JUAN	1874.0	2228.0	2114.0	2991.6	2085.5	2858.9	2114.0	2567.7	1956.5	2197.3

<b>Upper Main Stem Totals</b>	<b>6,516</b>	<b>11,494</b>	<b>7,940</b>	<b>17,964</b>	<b>7,691</b>	<b>17,168</b>	<b>7,650</b>	<b>15,934</b>	<b>7,051</b>	<b>12,505</b>
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UTAH		IRRIGATION USE									
		1996		1997		1998		1999		2000	
Hydrologic Unit	County	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)
14070002	EMERY	6978.4	10955.3	7031.5	10237.7	7036.4	13627.3	6865.9	9813.1	6729.3	9873.2
14070002	SEVIER	922.3	1115.0	934.1	1213.8	935.8	1515.7	931.8	1284.6	926.0	1403.7
14070003	GARFIELD	454.7	1029.4	482.8	958.5	471.7	1155.4	475.8	881.6	481.4	1000.1
14070003	WAYNE	15195.7	17942.5	14142.8	19381.8	14332.2	22060.9	14404.4	20773.8	14294.6	25788.8
14070004	WAYNE	45.2	100.5	40.5	86.5	38.1	100.8	38.1	75.5	38.1	76.9
14070005	GARFIELD	5440.9	8547.5	5614.5	8102.7	5278.5	7917.0	5231.5	3924.0	5119.2	5523.3
14070007	GARFIELD	2297.1	5040.9	2376.8	3619.7	2124.2	3017.1	2136.4	3685.6	2149.6	4219.7
14070007	KANE	46.0	95.7	46.0	58.9	46.0	56.4	46.0	67.4	46.0	79.1
14080201	SAN JUAN	2612.8	6874.3	3108.9	6459.7	2984.4	7254.6	3108.9	7082.1	2836.9	7805.6
14080203	SAN JUAN	1254.0	2894.2	1342.8	2544.0	1342.8	2837.4	1342.8	2374.7	1292.4	3153.1

<b>San Juan River Totals</b>	<b>35,247</b>	<b>54,595</b>	<b>35,121</b>	<b>52,663</b>	<b>34,590</b>	<b>59,543</b>	<b>34,582</b>	<b>49,962</b>	<b>33,914</b>	<b>58,924</b>
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UTAH		IRRIGATION USE									
		1996		1997		1998		1999		2000	
Hydrologic Unit	County	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)	Total Irrigated Area (acres)	Net Consumptive Use (a-ft)
14040106	DAGGETT	6093.6	12538.4	6279.0	17546.8	6270.5	12744.4	6228.0	19281.4	5124.1	7458.2
14040106	SUMMIT	990.0	1045.4	992.0	1527.5	980.0	988.4	990.0	1735.7	980.0	709.6
14040106	UINTAH	99.1	144.0	102.6	161.4	99.1	148.9	99.1	155.9	102.0	130.4
14050007	UINTAH	950.7	1358.0	989.0	1425.2	1032.9	1420.2	1034.7	1500.6	736.9	1001.1
14060001	UINTAH	23354.2	39048.0	24140.3	39438.8	23626.4	46572.0	23524.9	43336.6	23925.7	39366.1
14060002	UINTAH	27436.1	39669.8	28270.7	41203.4	27636.1	47864.2	27627.7	45789.6	27994.3	37827.5
14060003	DUCHESNE	96074.3	137719.1	97360.2	129660.1	96566.9	153725.7	95773.2	144410.5	90199.3	141883.4
14060003	UINTAH	36013.1	60244.9	3722.4	66856.0	36451.2	71999.8	36232.2	89614.8	36691.0	53832.5
14060004	DUCHESNE	4052.3	6278.6	4119.3	5356.2	4097.5	6538.5	4048.0	5792.0	3841.7	5904.3
14060004	WASATCH	160.0	304.3	160.0	204.9	160.0	247.0	160.0	222.7	160.0	309.0
14060005	CARBON	511.4	871.5	599.2	864.1	599.6	1050.8	599.6	857.8	560.6	893.7
14060005	DUCHESNE	5567.6	7772.9	5639.7	5520.3	5573.3	6042.4	5392.2	6645.8	5484.6	6843.9
14060005	EMERY	195.1	313.3	181.7	255.8	188.4	385.2	181.7	251.3	174.9	226.2
14060005	UINTAH	925.9	1651.3	957.4	1480.0	953.0	1797.1	939.9	1531.0	952.7	1513.1
14060006	UINTAH	765.4	830.6	792.4	828.9	765.4	1651.4	765.4	862.0	787.9	513.7
14060007	CARBON	10944.2	16788.0	11533.4	16595.7	11388.3	19627.4	11741.1	21973.3	11455.3	14212.2
14060007	EMERY	9594.8	9420.3	10233.0	9733.3	9937.3	15907.2	9644.5	15289.0	9447.6	9245.6
14060008	EMERY	2211.5	5182.4	2565.4	5533.2	2339.9	5848.3	2081.5	4805.0	2230.1	5364.8
14060008	GRAND	556.8	1755.2	632.9	1781.2	590.8	1705.2	577.5	1589.5	552.9	1655.2
14060009	EMERY	21136.9	27117.6	22569.9	23275.0	21900.8	34127.9	21205.1	31325.1	20991.3	28522.5

<b>Green River Totals</b>	<b>247,633</b>	<b>370,054</b>	<b>221,841</b>	<b>369,248</b>	<b>251,157</b>	<b>430,392</b>	<b>248,846</b>	<b>436,970</b>	<b>242,393</b>	<b>357,413</b>
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<b>Upper Colorado River</b>	<b>289,396</b>	<b>436,143</b>	<b>264,902</b>	<b>439,875</b>	<b>293,438</b>	<b>507,103</b>	<b>291,078</b>	<b>502,866</b>	<b>283,358</b>	<b>428,842</b>
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UTAH			IRRIGATION USE									
Hydrologic Unit	County	Incidental Use	1996		1997		1998		1999		2000	
			Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)
14060005	CARBON	5.1%	871.5	915.9	864.1	908.2	1050.8	1104.4	857.8	901.5	893.7	939.3
14060007	CARBON	5.1%	16788.0	17644.2	16595.7	17442.1	19627.4	20628.4	21973.3	23093.9	14212.2	14937.0
COUNTY TOTAL			17659.5	18560.1	17459.8	18350.3	20678.2	21732.8	22831.1	23995.4	15105.9	15876.3
14040106	DAGGETT	18.80%	12538.4	14895.6	17546.8	20845.6	12744.4	15140.3	19281.4	22906.3	7458.2	8860.3
COUNTY TOTAL			12538.4	14895.6	17546.8	20845.6	12744.4	15140.3	19281.4	22906.3	7458.2	8860.3
14060003	DUCHESNE	20.80%	137719.1	166364.7	129660.1	156629.4	153725.7	185700.6	144410.5	174447.9	141883.4	171395.1
14060004	DUCHESNE	20.80%	6278.6	7584.5	5356.2	6470.3	6538.5	7898.5	5792.0	6996.7	5904.3	7132.4
14060005	DUCHESNE	20.80%	7772.9	9389.7	5520.3	6668.5	6042.4	7299.2	6645.8	8028.1	6843.9	8267.4
COUNTY TOTAL			151770.6	183338.9	140536.6	169768.2	166306.6	200898.3	156848.3	189472.7	154631.6	186794.9
14060005	EMERY	20.80%	313.3	378.5	255.8	309.0	385.2	465.3	251.3	303.6	226.2	273.2
14060007	EMERY	20.80%	9420.3	11379.7	9733.3	11757.8	15907.2	19215.9	15289.0	18469.1	9245.6	11168.7
14060008	EMERY	20.80%	5182.4	6260.3	5533.2	6684.1	5848.3	7064.7	4805.0	5804.4	5364.8	6480.7
14060009	EMERY	20.80%	27117.6	32758.1	23275.0	28116.2	34127.9	41226.5	31325.1	37840.7	28522.5	34455.2
14070002	EMERY	18.80%	10955.3	13014.9	10237.7	12162.4	13627.3	16189.2	9813.1	11658.0	9873.2	11729.4
COUNTY TOTAL			52988.9	63791.5	49035.0	59029.5	69895.9	84161.6	61483.5	74075.8	53232.3	64107.2
14070003	GARFIELD	18.80%	1029.4	1222.9	958.5	1138.7	1155.4	1372.6	881.6	1047.3	1000.1	1188.1
14070005	GARFIELD	18.80%	8547.5	10154.4	8102.7	9626.0	7917.0	9405.4	3924.0	4661.7	5523.3	6561.7
14070007	GARFIELD	18.80%	5040.9	5988.6	3619.7	4300.2	3017.1	3584.3	3685.6	4378.5	4219.7	5013.0
COUNTY TOTAL			14617.8	17365.9	12680.9	15064.9	12089.5	14362.3	8491.2	10087.5	10743.1	12762.8
14030001	GRAND	11.00%	1973.5	2190.6	3480.0	3862.8	3344.1	3712.0	3207.8	3560.7	2447.8	2717.1
14030004	GRAND	11.00%	1195.9	1327.4	2108.7	2340.7	2152.6	2389.4	1995.8	2215.3	1672.4	1856.4
14030005	GRAND	11.00%	4753.5	5276.4	7465.1	8286.3	6961.1	7726.8	6412.4	7117.8	5178.3	5747.9
14060008	GRAND	20.80%	1755.2	2120.3	1781.2	2151.7	1705.2	2059.9	1589.5	1920.1	1655.2	1999.5
COUNTY TOTAL			9678.1	10914.7	14835.0	16641.5	14163.0	15888.1	13205.5	14813.9	10953.7	12320.9

UTAH			IRRIGATION USE									
Hydrologic Unit	County	Incidental Use	1996		1997		1998		1999		2000	
			Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)
14070007	KANE	18.80%	95.7	113.7	58.9	70.0	56.4	67.0	67.4	80.1	79.1	94.0
COUNTY TOTAL			95.7	113.7	58.9	70.0	56.4	67.0	67.4	80.1	79.1	94.0
14030002	SAN JUAN	11.00%	1343.0	1490.7	1918.3	2129.3	1851.3	2054.9	1750.3	1942.8	1008.7	1119.7
14030005	SAN JUAN	11.00%	2228.0	2473.1	2991.6	3320.7	2858.9	3173.4	2567.7	2850.1	2197.3	2439.0
14080201	SAN JUAN	20.30%	6874.3	8269.8	6459.7	7771.0	7254.6	8727.3	7082.1	8519.8	7805.6	9390.1
14080203	SAN JUAN	20.30%	2894.2	3481.7	2544.0	3060.4	2837.4	3413.4	2374.7	2856.8	3153.1	3793.2
COUNTY TOTAL			13339.5	15715.3	13913.6	16281.4	14802.2	17369.0	13774.8	16169.5	14164.7	16742.0
14070002	SEVIER	18.80%	1115.0	1324.6	1213.8	1442.0	1515.7	1800.7	1284.6	1526.1	1403.7	1667.6
COUNTY TOTAL			1115.0	1324.6	1213.8	1442.0	1515.7	1800.7	1284.6	1526.1	1403.7	1667.6
14040106	SUMMIT	11.80%	1045.4	1168.8	1527.5	1707.7	988.4	1105.0	1735.7	1940.5	709.6	793.3
COUNTY TOTAL			1045.4	1168.8	1527.5	1707.7	988.4	1105.0	1735.7	1940.5	709.6	793.3
14040106	UINTAH	11.80%	144.0	161.0	161.4	180.4	148.9	166.5	155.9	174.3	130.4	145.8
14050007	UINTAH	20.80%	1358.0	1640.5	1425.2	1721.6	1420.2	1715.6	1500.6	1812.7	1001.1	1209.3
14060001	UINTAH	20.80%	39048.0	47170.0	39438.8	47642.1	46572.0	56259.0	43336.6	52350.6	39366.1	47554.2
14060002	UINTAH	20.80%	39669.8	47921.1	41203.4	49773.7	47864.2	57820.0	45789.6	55313.8	37827.5	45695.6
14060003	UINTAH	20.80%	60244.9	72775.8	66856.0	80762.0	71999.8	86975.8	89614.8	108254.7	53832.5	65029.7
14060005	UINTAH	20.80%	1651.3	1994.8	1480.0	1787.8	1797.1	2170.9	1531.0	1849.4	1513.1	1827.8
14060006	UINTAH	20.80%	830.6	1003.4	828.9	1001.3	1651.4	1994.9	862.0	1041.3	513.7	620.5
COUNTY TOTAL			142946.6	172666.6	151393.7	182868.9	171453.6	207102.7	182790.5	220796.8	134184.4	162082.9
14060004	WASATCH	20.80%	304.3	367.6	204.9	247.5	247.0	298.4	222.7	269.0	309.0	373.3
COUNTY TOTAL			304.3	367.6	204.9	247.5	247.0	298.4	222.7	269.0	309.0	373.3
14070003	WAYNE	18.80%	17942.5	21315.7	19381.8	23025.6	22060.9	26208.3	20773.8	24679.3	25788.8	30637.1
14070004	WAYNE	18.80%	100.5	119.4	86.5	102.8	100.8	119.8	75.5	89.7	76.9	91.4
COUNTY TOTAL			18043.0	21435.1	19468.3	23128.4	22161.7	26328.1	20849.3	24769.0	25865.7	30728.5

UTAH			IRRIGATION USE									
Hydrologic Unit	County	Incidental Use	1996		1997		1998		1999		2000	
			Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)
14030001	GRAND	11.00%	1973.5	2190.6	3480.0	3862.8	3344.1	3712.0	3207.8	3560.7	2447.8	2717.1
14030002	SAN JUAN	11.00%	1343.0	1490.7	1918.3	2129.3	1851.3	2054.9	1750.3	1942.8	1008.7	1119.7
14030004	GRAND	11.00%	1195.9	1327.4	2108.7	2340.7	2152.6	2389.4	1995.8	2215.3	1672.4	1856.4
14030005	GRAND	11.00%	4753.5	5276.4	7465.1	8286.3	6961.1	7726.8	6412.4	7117.8	5178.3	5747.9
14030005	SAN JUAN	11.00%	2228.0	2473.1	2991.6	3320.7	2858.9	3173.4	2567.7	2850.1	2197.3	2439.0

<b>Upper Main Stem Totals</b>	<b>11,494</b>	<b>12,758</b>	<b>17,964</b>	<b>19,940</b>	<b>17,168</b>	<b>19,057</b>	<b>15,934</b>	<b>17,687</b>	<b>12,505</b>	<b>13,880</b>
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UTAH			IRRIGATION USE									
Hydrologic Unit	County	Incidental Use	1996		1997		1998		1999		2000	
			Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)
14070002	EMERY	18.80%	10955.3	13014.9	10237.7	12162.4	13627.3	16189.2	9813.1	11658.0	9873.2	11729.4
14070002	SEVIER	18.80%	1115.0	1324.6	1213.8	1442.0	1515.7	1800.7	1284.6	1526.1	1403.7	1667.6
14070003	GARFIELD	18.80%	1029.4	1222.9	958.5	1138.7	1155.4	1372.6	881.6	1047.3	1000.1	1188.1
14070003	WAYNE	18.80%	17942.5	21315.7	19381.8	23025.6	22060.9	26208.3	20773.8	24679.3	25788.8	30637.1
14070004	WAYNE	18.80%	100.5	119.4	86.5	102.8	100.8	119.8	75.5	89.7	76.9	91.4
14070005	GARFIELD	18.80%	8547.5	10154.4	8102.7	9626.0	7917.0	9405.4	3924.0	4661.7	5523.3	6561.7
14070007	GARFIELD	18.80%	5040.9	5988.6	3619.7	4300.2	3017.1	3584.3	3685.6	4378.5	4219.7	5013.0
14070007	KANE	18.80%	95.7	113.7	58.9	70.0	56.4	67.0	67.4	80.1	79.1	94.0
14080201	SAN JUAN	20.30%	6874.3	8269.8	6459.7	7771.0	7254.6	8727.3	7082.1	8519.8	7805.6	9390.1
14080203	SAN JUAN	20.30%	2894.2	3481.7	2544.0	3060.4	2837.4	3413.4	2374.7	2856.8	3153.1	3793.2

<b>San Juan River Totals</b>	<b>54,595</b>	<b>65,006</b>	<b>52,663</b>	<b>62,699</b>	<b>59,543</b>	<b>70,888</b>	<b>49,962</b>	<b>59,497</b>	<b>58,924</b>	<b>70,166</b>
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UTAH			IRRIGATION USE									
Hydrologic Unit	County	Incidental Use	1996		1997		1998		1999		2000	
			Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)
14040106	DAGGETT	11.80%	12538.4	14017.9	17546.8	19617.3	12744.4	14248.2	19281.4	21556.6	7458.2	8338.3
14040106	SUMMIT	11.80%	1045.4	1168.8	1527.5	1707.7	988.4	1105.0	1735.7	1940.5	709.6	793.3
14040106	UINTAH	11.80%	144.0	161.0	161.4	180.4	148.9	166.5	155.9	174.3	130.4	145.8
14050007	UINTAH	20.80%	1358.0	1640.5	1425.2	1721.6	1420.2	1715.6	1500.6	1812.7	1001.1	1209.3
14060001	UINTAH	20.80%	39048.0	47170.0	39438.8	47642.1	46572.0	56259.0	43336.6	52350.6	39366.1	47554.2
14060002	UINTAH	20.80%	39669.8	47921.1	41203.4	49773.7	47864.2	57820.0	45789.6	55313.8	37827.5	45695.6
14060003	DUCHESNE	20.80%	137719.1	166364.7	129660.1	156629.4	153725.7	185700.6	144410.5	174447.9	141883.4	171395.1
14060003	UINTAH	20.80%	60244.9	72775.8	66856.0	80762.0	71999.8	86975.8	89614.8	108254.7	53832.5	65029.7
14060004	DUCHESNE	20.80%	6278.6	7584.5	5356.2	6470.3	6538.5	7898.5	5792.0	6996.7	5904.3	7132.4
14060004	WASATCH	20.80%	304.3	367.6	204.9	247.5	247.0	298.4	222.7	269.0	309.0	373.3
14060005	CARBON	20.80%	871.5	1052.8	864.1	1043.8	1050.8	1269.4	857.8	1036.2	893.7	1079.6
14060005	DUCHESNE	20.80%	7772.9	9389.7	5520.3	6668.5	6042.4	7299.2	6845.8	8028.1	6843.9	8267.4
14060005	EMERY	20.80%	313.3	378.5	255.8	309.0	385.2	465.3	251.3	303.6	226.2	273.2
14060005	UINTAH	20.80%	1651.3	1994.8	1480.0	1787.8	1797.1	2170.9	1531.0	1849.4	1513.1	1827.8
14060006	UINTAH	20.80%	830.6	1003.4	828.9	1001.3	1651.4	1994.9	862.0	1041.3	513.7	620.5
14060007	CARBON	20.80%	16788.0	20279.9	16595.7	20047.6	19627.4	23709.9	21973.3	26543.7	14212.2	17168.3
14060007	EMERY	20.80%	9420.3	11379.7	9733.3	11757.8	15907.2	19215.9	15289.0	18469.1	9245.6	11168.7
14060008	EMERY	20.80%	5182.4	6260.3	5533.2	6684.1	5848.3	7064.7	4805.0	5804.4	5364.8	6480.7
14060008	GRAND	20.80%	1755.2	2120.3	1781.2	2151.7	1705.2	2059.9	1589.5	1920.1	1655.2	1999.5
14060009	EMERY	20.80%	27117.6	32758.1	23275.0	28116.2	34127.9	41226.5	31325.1	37840.7	28522.5	34455.2

<b>Green River Totals</b>	<b>370,054</b>	<b>445,789</b>	<b>369,248</b>	<b>444,320</b>	<b>430,392</b>	<b>518,664</b>	<b>436,970</b>	<b>525,953</b>	<b>357,413</b>	<b>431,008</b>
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<b>Upper Colorado River</b>	<b>436,143</b>	<b>523,553</b>	<b>439,875</b>	<b>526,959</b>	<b>507,103</b>	<b>608,609</b>	<b>502,866</b>	<b>603,137</b>	<b>428,842</b>	<b>515,054</b>
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UTAH			IRRIGATION USE									
Hydrologic Unit	County	Incidental Use	1996		1997		1998		1999		2000	
			Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)
14060005	CARBON	5.1%	871.5	915.9	864.1	908.2	1050.8	1104.4	857.8	901.5	893.7	939.3
14060007	CARBON	5.1%	16788.0	17644.2	16595.7	17442.1	19627.4	20628.4	21973.3	23093.9	14212.2	14937.0
COUNTY TOTAL			17659.5	18560.1	17459.8	18350.3	20678.2	21732.8	22831.1	23995.4	15105.9	15876.3
14040106	DAGGETT	18.80%	12538.4	14895.6	17546.8	20845.6	12744.4	15140.3	19281.4	22906.3	7458.2	8860.3
COUNTY TOTAL			12538.4	14895.6	17546.8	20845.6	12744.4	15140.3	19281.4	22906.3	7458.2	8860.3
14060003	DUCHESNE	20.80%	137719.1	166364.7	129660.1	156629.4	153725.7	185700.6	144410.5	174447.9	141883.4	171395.1
14060004	DUCHESNE	20.80%	6278.6	7584.5	5356.2	6470.3	6538.5	7898.5	5792.0	6996.7	5904.3	7132.4
14060005	DUCHESNE	20.80%	7772.9	9389.7	5520.3	6668.5	6042.4	7299.2	6645.8	8028.1	6843.9	8267.4
COUNTY TOTAL			151770.6	183338.9	140536.6	169768.2	166306.6	200898.3	156848.3	189472.7	154631.6	186794.9
14060005	EMERY	20.80%	313.3	378.5	255.8	309.0	385.2	465.3	251.3	303.6	226.2	273.2
14060007	EMERY	20.80%	9420.3	11379.7	9733.3	11757.8	15907.2	19215.9	15289.0	18469.1	9245.6	11168.7
14060008	EMERY	20.80%	5182.4	6260.3	5533.2	6684.1	5848.3	7064.7	4805.0	5804.4	5364.8	6480.7
14060009	EMERY	20.80%	27117.6	32758.1	23275.0	28116.2	34127.9	41226.5	31325.1	37840.7	28522.5	34455.2
14070002	EMERY	18.80%	10955.3	13014.9	10237.7	12162.4	13627.3	16189.2	9813.1	11658.0	9873.2	11729.4
COUNTY TOTAL			52988.9	63791.5	49035.0	59029.5	69895.9	84161.6	61483.5	74075.8	53232.3	64107.2
14070003	GARFIELD	18.80%	1029.4	1222.9	958.5	1138.7	1155.4	1372.6	881.6	1047.3	1000.1	1188.1
14070005	GARFIELD	18.80%	8547.5	10154.4	8102.7	9626.0	7917.0	9405.4	3924.0	4661.7	5523.3	6561.7
14070007	GARFIELD	18.80%	5040.9	5988.6	3619.7	4300.2	3017.1	3584.3	3685.6	4378.5	4219.7	5013.0
COUNTY TOTAL			14617.8	17365.9	12680.9	15064.9	12089.5	14362.3	8491.2	10087.5	10743.1	12762.8
14030001	GRAND	11.00%	1973.5	2190.6	3480.0	3862.8	3344.1	3712.0	3207.8	3560.7	2447.8	2717.1
14030004	GRAND	11.00%	1195.9	1327.4	2108.7	2340.7	2152.6	2389.4	1995.8	2215.3	1672.4	1856.4
14030005	GRAND	11.00%	4753.5	5276.4	7465.1	8286.3	6961.1	7726.8	6412.4	7117.8	5178.3	5747.9
14060008	GRAND	20.80%	1755.2	2120.3	1781.2	2151.7	1705.2	2059.9	1589.5	1920.1	1655.2	1999.5
COUNTY TOTAL			9678.1	10914.7	14835.0	16641.5	14163.0	15888.1	13205.5	14813.9	10953.7	12320.9

UTAH			IRRIGATION USE									
Hydrologic Unit	County	Incidental Use	1996		1997		1998		1999		2000	
			Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)
14070007	KANE	18.80%	95.7	113.7	58.9	70.0	56.4	67.0	67.4	80.1	79.1	94.0
COUNTY TOTAL			95.7	113.7	58.9	70.0	56.4	67.0	67.4	80.1	79.1	94.0
14030002	SAN JUAN	11.00%	1343.0	1490.7	1918.3	2129.3	1851.3	2054.9	1750.3	1942.8	1008.7	1119.7
14030005	SAN JUAN	11.00%	2228.0	2473.1	2991.6	3320.7	2858.9	3173.4	2567.7	2850.1	2197.3	2439.0
14080201	SAN JUAN	20.30%	6874.3	8269.8	6459.7	7771.0	7254.6	8727.3	7082.1	8519.8	7805.6	9390.1
14080203	SAN JUAN	20.30%	2894.2	3481.7	2544.0	3060.4	2837.4	3413.4	2374.7	2856.8	3153.1	3793.2
COUNTY TOTAL			13339.5	15715.3	13913.6	16281.4	14802.2	17369.0	13774.8	16169.5	14164.7	16742.0
14070002	SEVIER	18.80%	1115.0	1324.6	1213.8	1442.0	1515.7	1800.7	1284.6	1526.1	1403.7	1667.6
COUNTY TOTAL			1115.0	1324.6	1213.8	1442.0	1515.7	1800.7	1284.6	1526.1	1403.7	1667.6
14040106	SUMMIT	11.80%	1045.4	1168.8	1527.5	1707.7	988.4	1105.0	1735.7	1940.5	709.6	793.3
COUNTY TOTAL			1045.4	1168.8	1527.5	1707.7	988.4	1105.0	1735.7	1940.5	709.6	793.3
14040106	UINTAH	11.80%	144.0	161.0	161.4	180.4	148.9	166.5	155.9	174.3	130.4	145.8
14050007	UINTAH	20.80%	1358.0	1640.5	1425.2	1721.6	1420.2	1715.6	1500.6	1812.7	1001.1	1209.3
14060001	UINTAH	20.80%	39048.0	47170.0	39438.8	47642.1	46572.0	56259.0	43336.6	52350.6	39366.1	47554.2
14060002	UINTAH	20.80%	39669.8	47921.1	41203.4	49773.7	47864.2	57820.0	45789.6	55313.8	37827.5	45695.6
14060003	UINTAH	20.80%	60244.9	72775.8	66856.0	80762.0	71999.8	86975.8	89614.8	108254.7	53832.5	65029.7
14060005	UINTAH	20.80%	1651.3	1994.8	1480.0	1787.8	1797.1	2170.9	1531.0	1849.4	1513.1	1827.8
14060006	UINTAH	20.80%	830.6	1003.4	828.9	1001.3	1651.4	1994.9	862.0	1041.3	513.7	620.5
COUNTY TOTAL			142946.6	172666.6	151393.7	182868.9	171453.6	207102.7	182790.5	220796.8	134184.4	162082.9
14060004	WASATCH	20.80%	304.3	367.6	204.9	247.5	247.0	298.4	222.7	269.0	309.0	373.3
COUNTY TOTAL			304.3	367.6	204.9	247.5	247.0	298.4	222.7	269.0	309.0	373.3
14070003	WAYNE	18.80%	17942.5	21315.7	19381.8	23025.6	22060.9	26208.3	20773.8	24679.3	25788.8	30637.1
14070004	WAYNE	18.80%	100.5	119.4	86.5	102.8	100.8	119.8	75.5	89.7	76.9	91.4
COUNTY TOTAL			18043.0	21435.1	19468.3	23128.4	22161.7	26328.1	20849.3	24769.0	25865.7	30728.5

UTAH			IRRIGATION USE									
Hydrologic Unit	County	Incidental Use	1996		1997		1998		1999		2000	
			Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)
14030001	GRAND	11.00%	1973.5	2190.6	3480.0	3862.8	3344.1	3712.0	3207.8	3560.7	2447.8	2717.1
14030002	SAN JUAN	11.00%	1343.0	1490.7	1918.3	2129.3	1851.3	2054.9	1750.3	1942.8	1008.7	1119.7
14030004	GRAND	11.00%	1195.9	1327.4	2108.7	2340.7	2152.6	2389.4	1995.8	2215.3	1672.4	1856.4
14030005	GRAND	11.00%	4753.5	5276.4	7465.1	8286.3	6961.1	7726.8	6412.4	7117.8	5178.3	5747.9
14030005	SAN JUAN	11.00%	2228.0	2473.1	2991.6	3320.7	2858.9	3173.4	2567.7	2850.1	2197.3	2439.0

<b>Upper Main Stem Totals</b>	<b>11,494</b>	<b>12,758</b>	<b>17,964</b>	<b>19,940</b>	<b>17,168</b>	<b>19,057</b>	<b>15,934</b>	<b>17,687</b>	<b>12,505</b>	<b>13,880</b>
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UTAH			IRRIGATION USE									
Hydrologic Unit	County	Incidental Use	1996		1997		1998		1999		2000	
			Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)
14070002	EMERY	18.80%	10955.3	13014.9	10237.7	12162.4	13627.3	16189.2	9813.1	11658.0	9873.2	11729.4
14070002	SEVIER	18.80%	1115.0	1324.6	1213.8	1442.0	1515.7	1800.7	1284.6	1526.1	1403.7	1667.6
14070003	GARFIELD	18.80%	1029.4	1222.9	958.5	1138.7	1155.4	1372.6	881.6	1047.3	1000.1	1188.1
14070003	WAYNE	18.80%	17942.5	21315.7	19381.8	23025.6	22060.9	26208.3	20773.8	24679.3	25788.8	30637.1
14070004	WAYNE	18.80%	100.5	119.4	86.5	102.8	100.8	119.8	75.5	89.7	76.9	91.4
14070005	GARFIELD	18.80%	8547.5	10154.4	8102.7	9626.0	7917.0	9405.4	3924.0	4661.7	5523.3	6561.7
14070007	GARFIELD	18.80%	5040.9	5988.6	3619.7	4300.2	3017.1	3584.3	3685.6	4378.5	4219.7	5013.0
14070007	KANE	18.80%	95.7	113.7	58.9	70.0	56.4	67.0	67.4	80.1	79.1	94.0
14080201	SAN JUAN	20.30%	6874.3	8269.8	6459.7	7771.0	7254.6	8727.3	7082.1	8519.8	7805.6	9390.1
14080203	SAN JUAN	20.30%	2894.2	3481.7	2544.0	3060.4	2837.4	3413.4	2374.7	2856.8	3153.1	3793.2

<b>San Juan River Totals</b>	<b>54,595</b>	<b>65,006</b>	<b>52,663</b>	<b>62,699</b>	<b>59,543</b>	<b>70,888</b>	<b>49,962</b>	<b>59,497</b>	<b>58,924</b>	<b>70,166</b>
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UTAH			IRRIGATION USE									
Hydrologic Unit	County	Incidental Use	1996		1997		1998		1999		2000	
			Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)
14040106	DAGGETT	11.80%	12538.4	14017.9	17546.8	19617.3	12744.4	14248.2	19281.4	21556.6	7458.2	8338.3
14040106	SUMMIT	11.80%	1045.4	1168.8	1527.5	1707.7	988.4	1105.0	1735.7	1940.5	709.6	793.3
14040106	UINTAH	11.80%	144.0	161.0	161.4	180.4	148.9	166.5	155.9	174.3	130.4	145.8
14050007	UINTAH	20.80%	1358.0	1640.5	1425.2	1721.6	1420.2	1715.6	1500.6	1812.7	1001.1	1209.3
14060001	UINTAH	20.80%	39048.0	47170.0	39438.8	47642.1	46572.0	56259.0	43336.6	52350.6	39366.1	47554.2
14060002	UINTAH	20.80%	39669.8	47921.1	41203.4	49773.7	47864.2	57820.0	45789.6	55313.8	37827.5	45695.6
14060003	DUCHESNE	20.80%	137719.1	166364.7	129660.1	156629.4	153725.7	185700.6	144410.5	174447.9	141883.4	171395.1
14060003	UINTAH	20.80%	60244.9	72775.8	66856.0	80762.0	71999.8	86975.8	89614.8	108254.7	53832.5	65029.7
14060004	DUCHESNE	20.80%	6278.6	7584.5	5356.2	6470.3	6538.5	7898.5	5792.0	6996.7	5904.3	7132.4
14060004	WASATCH	20.80%	304.3	367.6	204.9	247.5	247.0	298.4	222.7	269.0	309.0	373.3
14060005	CARBON	20.80%	871.5	1052.8	864.1	1043.8	1050.8	1269.4	857.8	1036.2	893.7	1079.6
14060005	DUCHESNE	20.80%	7772.9	9389.7	5520.3	6668.5	6042.4	7299.2	6645.8	8028.1	6843.9	8267.4
14060005	EMERY	20.80%	313.3	378.5	255.8	309.0	385.2	465.3	251.3	303.6	226.2	273.2
14060005	UINTAH	20.80%	1651.3	1994.8	1480.0	1787.8	1797.1	2170.9	1531.0	1849.4	1513.1	1827.8
14060006	UINTAH	20.80%	830.6	1003.4	828.9	1001.3	1651.4	1994.9	862.0	1041.3	513.7	620.5
14060007	CARBON	20.80%	16788.0	20279.9	16595.7	20047.6	19627.4	23709.9	21973.3	26543.7	14212.2	17168.3
14060007	EMERY	20.80%	9420.3	11379.7	9733.3	11757.8	15907.2	19215.9	15289.0	18469.1	9245.6	11168.7
14060008	EMERY	20.80%	5182.4	6280.3	5533.2	6684.1	5848.3	7064.7	4805.0	5804.4	5364.8	6480.7
14060008	GRAND	20.80%	1755.2	2120.3	1781.2	2151.7	1705.2	2059.9	1589.5	1920.1	1655.2	1999.5
14060009	EMERY	20.80%	27117.6	32758.1	23275.0	28116.2	34127.9	41226.5	31325.1	37840.7	28522.5	34455.2

<b>Green River Totals</b>	<b>370,054</b>	<b>445,789</b>	<b>369,248</b>	<b>444,320</b>	<b>430,392</b>	<b>518,664</b>	<b>436,970</b>	<b>525,953</b>	<b>357,413</b>	<b>431,008</b>
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<b>Upper Colorado River</b>	<b>436,143</b>	<b>523,553</b>	<b>439,875</b>	<b>526,959</b>	<b>507,103</b>	<b>608,609</b>	<b>502,866</b>	<b>603,137</b>	<b>428,842</b>	<b>515,054</b>
<b>UTAH</b>										





**HUC TOTALS (with incidental losses)**

State	HUC	County	1996	1997	1998	1999	2000
Utah	14030001	GRAND	2190.6	3862.8	3712.0	3560.7	2717.1
Utah	14030002	SAN JUAN	1490.7	2129.3	2054.9	1942.8	1119.7
Utah	14030004	GRAND	1327.4	2340.7	2389.4	2215.3	1856.4
Utah	14030005	GRAND	5276.4	8286.3	7726.8	7117.8	5747.9
Utah	14030005	SAN JUAN	2473.1	3320.7	3173.4	2850.1	2439.0
Utah	14040106	DAGGETT	14017.9	19617.3	14248.2	21556.6	8338.3
Utah	14040106	SUMMIT	1168.8	1707.7	1105.0	1940.5	793.3
Utah	14040106	UINTAH	161.0	180.4	166.5	174.3	145.8
Utah	14050007	UINTAH	1640.5	1721.6	1715.6	1812.7	1209.3
Utah	14060001	UINTAH	47170.0	47642.1	56259.0	52350.6	47554.2
Utah	14060002	UINTAH	47921.1	49773.7	57820.0	55313.8	45695.6
Utah	14060003	DUCHESNE	166364.7	156629.4	185700.6	174447.9	171395.1
Utah	14060003	UINTAH	72775.8	80762.0	86975.8	108254.7	65029.7
Utah	14060004	DUCHESNE	7584.5	6470.3	7898.5	6996.7	7132.4
Utah	14060004	WASATCH	367.6	247.5	298.4	269.0	373.3
Utah	14060005	CARBON	1052.8	1043.8	1269.4	1036.2	1079.6
Utah	14060005	DUCHESNE	9389.7	6668.5	7299.2	8028.1	8267.4
Utah	14060005	EMERY	378.5	309.0	465.3	303.6	273.2
Utah	14060005	UINTAH	1994.8	1787.8	2170.9	1849.4	1827.8
Utah	14060006	UINTAH	1003.4	1001.3	1994.9	1041.3	620.5
Utah	14060007	CARBON	20279.9	20047.6	23709.9	26543.7	17168.3
Utah	14060007	EMERY	11379.7	11757.8	19215.9	18469.1	11168.7
Utah	14060008	EMERY	6260.3	6684.1	7064.7	5804.4	6480.7
Utah	14060008	GRAND	2120.3	2151.7	2059.9	1920.1	1999.5
Utah	14060009	EMERY	32758.1	28116.2	41226.5	37840.7	34455.2
Utah	14070002	EMERY	13014.9	12162.4	16189.2	11658.0	11729.4
Utah	14070002	SEVIER	1324.6	1442.0	1800.7	1526.1	1667.6
Utah	14070003	GARFIELD	1222.9	1138.7	1372.6	1047.3	1188.1
Utah	14070003	WAYNE	21315.7	23025.6	26208.3	24679.3	30637.1
Utah	14070004	WAYNE	119.4	102.8	119.8	89.7	91.4
Utah	14070005	GARFIELD	10154.4	9626.0	9405.4	4661.7	6561.7
Utah	14070007	GARFIELD	5988.6	4300.2	3584.3	4378.5	5013.0
Utah	14070007	KANE	113.7	70.0	67.0	80.1	94.0
Utah	14080201	SAN JUAN	8269.8	7771.0	8727.3	8519.8	9390.1
Utah	14080203	SAN JUAN	3481.7	3060.4	3413.4	2856.8	3793.2

**County Totals (with incidental losses)**

County	1996	1997	1998	1999	2000
CARBON	18560.1	18350.3	21732.8	23995.4	15876.3
DAGGETT	14895.6	20845.6	15140.3	22906.3	8860.3
DUCHESNE	183338.9	169768.2	200898.3	189472.7	186794.9
EMERY	63791.5	59029.5	84161.6	74075.8	64107.2
GARFIELD	17365.9	15064.9	14362.3	10087.5	12762.8
GRAND	10914.7	16641.5	15888.1	14813.9	12320.9
KANE	113.7	70	67	80.1	94
SAN JUAN	15715.3	16281.4	17369	16169.5	16742
SEVIER	1324.6	1442	1800.7	1526.1	1667.6
SUMMIT	1168.8	1707.7	1105	1940.5	793.3
UINTAH	172666.6	182868.9	207102.7	220796.8	162082.9
WASATCH	367.6	247.5	298.4	269	373.3
WAYNE	21435.1	23128.4	26328.1	24769	30728.5

**HUC TOTALS**

State	HUC	County	1996	1997	1998	1999	2000
Utah	14030001	GRAND	801.6	995.1	940.4	923.3	875.5
Utah	14030002	SAN JUAN	1,158.5	1,387.3	1,387.3	1,387.3	1,167.4
Utah	14030004	GRAND	541.3	844.6	823.9	817.4	761.0
Utah	14030005	GRAND	2,140.9	2,599.4	2,454.0	2,408.3	2,290.6
Utah	14030005	SAN JUAN	1,874.0	2,114.0	2,085.5	2,114.0	1,956.5
Utah	14040106	DAGGETT	6,093.6	6,279.0	6,270.5	6,228.0	5,124.1
Utah	14040106	SUMMIT	990.0	992.0	980.0	990.0	980.0
Utah	14040106	UINTAH	99.1	102.6	99.1	99.1	102.0
Utah	14050007	UINTAH	950.7	989.0	1,032.9	1,034.7	736.9
Utah	14060001	UINTAH	23,354.2	24,140.3	23,626.4	23,524.9	23,925.7
Utah	14060002	UINTAH	27,436.1	28,270.7	27,636.1	27,627.7	27,994.3
Utah	14060003	DUCHESNE	96,074.3	97,360.2	96,566.9	95,773.2	90,199.3
Utah	14060003	UINTAH	36,013.1	3,722.4	36,451.2	36,232.2	36,691.0
Utah	14060004	DUCHESNE	4,052.3	4,119.3	4,097.5	4,048.0	3,841.7
Utah	14060004	WASATCH	160.0	160.0	160.0	160.0	160.0
Utah	14060005	CARBON	511.4	599.2	599.6	599.6	560.6
Utah	14060005	DUCHESNE	5,567.6	5,639.7	5,573.3	5,392.2	5,484.6
Utah	14060005	EMERY	195.1	181.7	188.4	181.7	174.9
Utah	14060005	UINTAH	925.9	957.4	953.0	939.9	952.7
Utah	14060006	UINTAH	765.4	792.4	765.4	765.4	787.9
Utah	14060007	CARBON	10,944.2	11,533.4	11,388.3	11,741.1	11,455.3
Utah	14060007	EMERY	9,594.8	10,233.0	9,937.3	9,644.5	9,447.6
Utah	14060008	EMERY	2,211.5	2,565.4	2,339.9	2,081.5	2,230.1
Utah	14060008	GRAND	556.8	632.9	590.8	577.5	552.9
Utah	14060009	EMERY	21,136.9	22,569.9	21,900.8	21,205.1	20,991.3
Utah	14070002	EMERY	6,978.4	7,031.5	7,036.4	6,865.9	6,729.3
Utah	14070002	SEVIER	922.3	934.1	935.8	931.8	926.0
Utah	14070003	GARFIELD	454.7	482.8	471.7	475.8	481.4
Utah	14070003	WAYNE	15,195.7	14,142.8	14,332.2	14,404.4	14,294.6
Utah	14070004	WAYNE	45.2	40.5	38.1	38.1	38.1
Utah	14070005	GARFIELD	5,440.9	5,614.5	5,278.5	5,231.5	5,119.2
Utah	14070007	GARFIELD	2,297.1	2,376.8	2,124.2	2,136.4	2,149.6
Utah	14070007	KANE	46.0	46.0	46.0	46.0	46.0
Utah	14080201	SAN JUAN	2,612.8	3,108.9	2,984.4	3,108.9	2,836.9
Utah	14080203	SAN JUAN	1,254.0	1,342.8	1,342.8	1,342.8	1,292.4

**County Totals**

County	1996	1997	1998	1999	2000
CARBON	11,455.6	12,132.6	11,987.9	12,340.7	12,015.9
DAGGETT	6,093.6	6,279.0	6,270.5	6,228.0	5,124.1
DUCHESNE	105,694.2	107,119.2	106,237.7	105,213.4	99,525.6
EMERY	40,116.7	42,581.5	41,402.8	39,978.7	39,573.2
GARFIELD	8,192.7	8,474.1	7,874.4	7,843.7	7,750.2
GRAND	4,040.6	5,072.0	4,809.1	4,726.5	4,480.0
KANE	46.0	46.0	46.0	46.0	46.0
SAN JUAN	6,899.3	7,953.0	7,800.0	7,953.0	7,253.2
SEVIER	922.3	934.1	935.8	931.8	926.0
SUMMIT	990.0	992.0	980.0	990.0	980.0
UINTAH	89,544.5	58,974.8	90,564.1	90,223.9	91,190.5
WASATCH	160.0	160.0	160.0	160.0	160.0
WAYNE	15,240.9	14,183.3	14,370.3	14,442.5	14,332.7



PROJECT  
OR  
WATERSHED

PROJECT OR WATERSHED NUMBER	COUNTY	1996		1997		1998		1999		2000	
		ACRES	NCU	ACRES	NCU	ACRES	NCU	ACRES	NCU	ACRES	NCU
14050003	CARBON	16,360.2	25,343.2	16,195.6	17,789.9	14,440.6	17,658.8	16,195.6	20,756.0	12,879.6	20,469.2
14050004	CARBON	2,102.5	2,516.4	2,097.7	2,079.4	1,847.0	1,995.0	2,097.7	2,454.1	1,640.8	2,384.1
14040101	LINCOLN	13,921.0	13,346.7	13,909.7	14,167.1	14,036.1	10,757.5	14,343.2	11,002.8	10,884.4	8,597.0
14040103	LINCOLN	119.8	110.1	119.8	100.5	121.0	64.4	123.5	66.8	93.5	60.8
14040107	LINCOLN	9,138.8	4,917.1	9,138.8	4,058.1	9,230.3	3,287.3	9,418.7	5,226.3	7,131.3	3,903.5
14040101	SUBLETTE	110,111.2	100,498.5	110,014.7	102,319.8	110,111.2	83,389.7	109,918.2	791,108.3	109,918.2	89,394.3
14040102	SUBLETTE	44,875.5	38,787.7	44,709.0	37,016.3	44,875.5	28,225.0	44,542.4	27,798.0	44,542.4	35,675.3
14040104	SUBLETTE	1,574.7	1,768.6	1,774.5	1,797.7	1,574.7	1,649.9	1,574.2	1,603.5	1,574.2	1,859.1
14040104	SWEETWATER	18,512.4	41,242.4	19,921.0	21,546.8	19,921.0	20,489.9	19,921.0	20,284.2	19,299.3	22,634.3
14040106	SWEETWATER	7,544.9	9,858.4	7,545.8	8,056.5	7,545.8	9,882.8	7,545.8	9,679.2	7,545.4	11,707.7
14040107	SWEETWATER	637.1	761.6	637.1	628.1	637.1	618.5	637.1	728.9	637.1	813.7
14040106	UINTA	11,559.9	15,120.0	11,559.9	12,357.1	9,020.3	11,826.2	11,559.9	14,843.5	9,127.7	14,176.6
14040107	UINTA	72,460.5	98,672.2	72,412.0	84,083.5	56,653.9	64,128.3	72,266.2	86,880.3	57,174.4	78,961.0
14040108	UINTA	4,109.7	5,657.6	4,090.1	4,806.6	3,247.5	3,717.8	4,031.2	4,899.3	3,224.3	4,501.5



WYOMING		IRRIGATION USE									
		1996		1997		1998		1999		2000	
Hydrologic Unit	COUNTY	Total Irrigated Area (acres)	Net Consumptive Use (ac-ft)	Total Irrigated Area (acres)	Net Consumptive Use (ac-ft)	Total Irrigated Area (acres)	Net Consumptive Use (ac-ft)	Total Irrigated Area (acres)	Net Consumptive Use (ac-ft)	Total Irrigated Area (acres)	Net Consumptive Use (ac-ft)
14050003	CARBON	16360	25343	16196	17790	14441	17659	16196	20756	12880	20469
14050004	CARBON	2103	2516	2098	2079	1847	1995	2098	2454	1641	2384
COUNTY TOTAL		18,463	27,859.6	18,293	19,869.3	16,288	19,653.8	18,293	23,210.1	14,520	22,853.3
14040101	LINCOLN	13921	13347	13910	14167	14036	10758	14343	11003	10884	8597
14040103	LINCOLN	120	110	120	101	121	64	124	67	94	61
14040107	LINCOLN	9139	4917	9139	4058	9230	3287	9419	5226	7131	3904
COUNTY TOTAL		23,180	18,373.9	23,168	18,325.7	23,387	14,109.2	23,885	16,295.9	18,109	12,561.3
14040101	SUBLETTE	110111	100499	110015	102320	110111	83390	109918	791108	109918	89394
14040102	SUBLETTE	44876	38788	44709	37016	44876	28225	44542	27798	44542	35675
14040104	SUBLETTE	1575	1769	1775	1798	1575	1650	1574	1604	1574	1859
COUNTY TOTAL		156,561	141,054.8	156,498	141,133.8	156,561	113,264.6	156,035	820,509.8	156,035	126,928.7
14040104	SWEETWATER	18512	41242	19921	21547	19921	20490	19921	20284	19299	22634
14040106	SWEETWATER	7545	9858	7546	8057	7546	9883	7546	9679	7545	11708
14040107	SWEETWATER	637	762	637	628	637	619	637	729	637	814
COUNTY TOTAL		26,694	51,862.4	28,104	30,231.4	28,104	30,991.2	28,104	30,692.3	27,482	35,155.7
14040106	UINTA	11560	15120	11560	12357	9020	11826	11560	14844	9128	14177
14040107	UINTA	72461	98672	72412	84084	56654	64128	72266	86880	57174	78961
14040108	UINTA	4110	5658	4090	4807	3248	3718	4031	4899	3224	4502
COUNTY TOTAL		88,130	119,449.8	88,062	101,247.2	68,922	79,672.3	87,857	106,623.1	69,526	97,639.1

WYOMING		IRRIGATION USE									
		1996		1997		1998		1999		2000	
Hydrologic Unit	COUNTY	Total Irrigated Area (acres)	Net Consumptive Use (ac-ft)	Total Irrigated Area (acres)	Net Consumptive Use (ac-ft)	Total Irrigated Area (acres)	Net Consumptive Use (ac-ft)	Total Irrigated Area (acres)	Net Consumptive Use (ac-ft)	Total Irrigated Area (acres)	Net Consumptive Use (ac-ft)
14040101	LINCOLN	13921	13346.7	13910	14167.1	14036	10757.5	14343	11002.8	10884	8597.0
14040101	SUBLETTE	110111	100498.5	110015	102319.8	110111	83389.7	109918	791108.3	109918	89394.3
14040102	SUBLETTE	44876	38787.7	44709	37016.3	44876	28225.0	44542	27798.0	44542	35675.3
14040103	LINCOLN	120	110	120	101	121	64	124	67	94	61
14040104	SUBLETTE	1575	1768.6	1775	1797.7	1575	1649.9	1574	1603.5	1574	1859.1
14040104	SWEETWATER	18512	41242.4	19921	21546.8	19921	20489.9	19921	20284.2	19299	22634.3
14040106	SWEETWATER	7545	9858.4	7546	8056.5	7546	9882.8	7546	9679.2	7545	11707.7
14040106	UINTA	11560	15120.0	11560	12357.1	9020	11826.2	11560	14843.5	9128	14176.6
14040107	LINCOLN	9139	4917.1	9139	4058.1	9230	3287.3	9419	5226.3	7131	3903.5
14040107	SWEETWATER	637	761.6	637	628.1	637	618.5	637	728.9	637	813.7
14040107	UINTA	72461	98672.2	72412	84083.5	56654	64128.3	72266	86880.3	57174	78961.0
14040108	UINTA	4110	5657.6	4090	4806.6	3248	3717.8	4031	4899.3	3224	4501.5
14050003	CARBON	16360	25343.2	16196	17789.9	14441	17658.8	16196	20756.0	12880	20469.2
14050004	CARBON	2103	2516.4	2098	2079.4	1847	1995.0	2098	2454.1	1641	2384.1
<b>Green River Total</b>		<b>313,028</b>	<b>358,601.0</b>	<b>314,126</b>	<b>310,807.0</b>	<b>293,262</b>	<b>257,691.0</b>	<b>314,175</b>	<b>997,331.0</b>	<b>285,673</b>	<b>295,138.0</b>

<b>Upper Colorado River</b>											
<b>WYOMING</b>		<b>313,028</b>	<b>358,601</b>	<b>314,126</b>	<b>310,807</b>	<b>293,262</b>	<b>257,691</b>	<b>314,175</b>	<b>997,331</b>	<b>285,673</b>	<b>295,138</b>



WYOMING			IRRIGATION USE									
Hydrologic Unit	County	Incidental Use	1996		1997		1998		1999		2000	
			Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)
14050003	Carbon	8.60%	25343.2	27522.7	17789.9	19319.8	17658.8	19177.5	20756.0	22541.0	20469.2	22229.6
14050004	Carbon	8.60%	2516.4	2732.8	2079.4	2258.2	1995.0	2166.6	2454.1	2665.2	2384.1	2589.1
<b>COUNTY TOTAL</b>			<b>27,859.6</b>	<b>30,255.5</b>	<b>19,869.3</b>	<b>21,578.0</b>	<b>19,653.8</b>	<b>21,344.1</b>	<b>23,210.1</b>	<b>25,206.2</b>	<b>22,853.3</b>	<b>24,818.7</b>
14040101	Lincoln	9.30%	13346.7	14587.9	14167.1	15484.6	10757.5	11757.9	11002.8	12026.1	8597.0	9396.5
14040103	Lincoln	9.30%	110.1	120.3	100.5	109.8	64.4	70.4	66.8	73.0	60.8	66.5
14040107	Lincoln	9.30%	4917.1	5374.4	4058.1	4435.5	3287.3	3593.0	5226.3	5712.3	3903.5	4266.5
<b>COUNTY TOTAL</b>			<b>18,373.9</b>	<b>20,082.6</b>	<b>18,325.7</b>	<b>20,029.9</b>	<b>14,109.2</b>	<b>15,421.3</b>	<b>16,295.9</b>	<b>17,811.4</b>	<b>12,561.3</b>	<b>13,729.5</b>
14040101	Sublette	9.30%	100498.5	109844.9	102319.8	111835.5	83389.7	91144.9	791108.3	864681.4	89394.3	97708.0
14040102	Sublette	9.30%	38787.7	42395.0	37016.3	40458.8	28225.0	30849.9	27798.0	30383.2	35675.3	38993.1
14040104	Sublette	9.30%	1768.6	1933.1	1797.7	1964.9	1649.9	1803.3	1603.5	1752.6	1859.1	2032.0
<b>COUNTY TOTAL</b>			<b>141,054.8</b>	<b>154,173.0</b>	<b>141,133.8</b>	<b>154,259.2</b>	<b>113,264.6</b>	<b>123,798.1</b>	<b>820,509.8</b>	<b>896,817.2</b>	<b>126,928.7</b>	<b>138,733.1</b>
14040104	Sweetwater	9.30%	41242.4	45077.9	21546.8	23550.7	20489.9	22395.5	20284.2	22170.6	22634.3	24739.3
14040106	Sweetwater	9.30%	9858.4	10775.2	8056.5	8805.8	9882.8	10801.9	9679.2	10579.4	11707.7	12796.5
14040107	Sweetwater	9.30%	761.6	832.4	628.1	686.5	618.5	676.0	728.9	796.7	813.7	889.4
<b>COUNTY TOTAL</b>			<b>51,862.4</b>	<b>56,685.5</b>	<b>30,231.4</b>	<b>33,043.0</b>	<b>30,991.2</b>	<b>33,873.4</b>	<b>30,692.3</b>	<b>33,546.7</b>	<b>35,155.7</b>	<b>38,425.2</b>
14040106	Uinta	9.30%	15120.0	16526.2	12357.1	13506.3	11826.2	12926.0	14843.5	16223.9	14176.6	15495.0
14040107	Uinta	9.30%	98672.2	107848.7	84083.5	91903.3	64128.3	70092.2	86880.3	94960.2	78961.0	86304.4
14040108	Uinta	9.30%	5657.6	6183.8	4806.6	5253.6	3717.8	4063.6	4899.3	5354.9	4501.5	4920.1
<b>COUNTY TOTAL</b>			<b>119,449.8</b>	<b>130,558.7</b>	<b>101,247.2</b>	<b>110,663.2</b>	<b>79,672.3</b>	<b>87,081.8</b>	<b>106,623.1</b>	<b>116,539.0</b>	<b>97,639.1</b>	<b>106,719.5</b>

WYOMING			IRRIGATION USE									
Hydrologic Unit	County	Incidental Use	1996		1997		1998		1999		2000	
			Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)	Net Consumptive Use (a-ft)	Total Consumptive Use (a-ft)
14040101	Lincoln	9.30%	13346.7	14587.9	14167.1	15484.6	10757.5	11757.9	11002.8	12026.1	8597.0	9396.5
14040101	Sublette	9.30%	100498.5	109844.9	102319.8	111835.5	83389.7	91144.9	791108.3	884681.4	89394.3	97708.0
14040102	Sublette	9.30%	38787.7	42395.0	37016.3	40458.8	28225.0	30849.9	27798.0	30383.2	35675.3	38993.1
14040103	Lincoln	9.30%	110.1	120.3	100.5	109.8	64.4	70.4	66.8	73.0	60.8	66.5
14040104	Sublette	9.30%	1768.6	1933.1	1797.7	1964.9	1649.9	1803.3	1603.5	1752.6	1859.1	2032.0
14040104	Sweetwater	9.30%	41242.4	45077.9	21546.8	23550.7	20489.9	22395.5	20284.2	22170.6	22634.3	24739.3
14040106	Sweetwater	9.30%	9858.4	10775.2	8056.5	8805.8	9882.8	10801.9	9679.2	10579.4	11707.7	12796.5
14040106	Uinta	9.30%	15120.0	16526.2	12357.1	13506.3	11826.2	12926.0	14843.5	16223.9	14176.6	15495.0
14040107	Lincoln	9.30%	4917.1	5374.4	4058.1	4435.5	3287.3	3593.0	5226.3	5712.3	3903.5	4266.5
14040107	Uinta	9.30%	98672.2	107848.7	84083.5	91903.3	64128.3	70092.2	86880.3	94960.2	78961.0	86304.4
14040107	Sweetwater	9.30%	761.6	832.4	628.1	686.5	618.5	676.0	728.9	796.7	813.7	889.4
14040108	Uinta	9.30%	5657.6	6183.8	4806.6	5253.6	3717.8	4063.6	4899.3	5354.9	4501.5	4920.1
14050003	Carbon	8.60%	25343.2	27522.7	17789.9	19319.8	17658.8	19177.5	20756.0	22541.0	20469.2	22229.6
14050004	Carbon	8.60%	2516.4	2732.8	2079.4	2256.2	1995.0	2166.6	2454.1	2665.2	2384.1	2589.1

<b>Green River Totals</b>	<b>358,601</b>	<b>391,755</b>	<b>310,807</b>	<b>339,573</b>	<b>257,691</b>	<b>281,519</b>	<b>997,331</b>	<b>1,089,921</b>	<b>295,138</b>	<b>322,426</b>
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<b>Upper Colorado River</b>	<b>358,601</b>	<b>391,755</b>	<b>310,807</b>	<b>339,573</b>	<b>257,691</b>	<b>281,519</b>	<b>997,331</b>	<b>1,089,921</b>	<b>295,138</b>	<b>322,426</b>
<b>WYOMING</b>										



**HUC Totals (with incidental losses)**

State	HUC	County	1996	1997	1998	1999	2000
Wyoming	14040101	Lincoln	14,587.9	15,484.6	11,757.9	12,026.1	9,396.5
Wyoming	14040101	Sublette	109,844.9	111,835.5	91,144.9	864,681.4	97,708.0
Wyoming	14040102	Sublette	42,395.0	40,458.8	30,849.9	30,383.2	38,993.1
Wyoming	14040103	Lincoln	120.3	109.8	70.4	73.0	66.5
Wyoming	14040104	Sublette	1,933.1	1,964.9	1,803.3	1,752.6	2,032.0
Wyoming	14040104	Sweetwater	45,077.9	23,550.7	22,395.5	22,170.6	24,739.3
Wyoming	14040106	Sweetwater	10,775.2	8,805.8	10,801.9	10,579.4	12,796.5
Wyoming	14040106	Uinta	16,526.2	13,506.3	12,926.0	16,223.9	15,495.0
Wyoming	14040107	Lincoln	5,374.4	4,435.5	3,593.0	5,712.3	4,266.5
Wyoming	14040107	Uinta	107,848.7	91,903.3	70,092.2	94,960.2	86,304.4
Wyoming	14040107	Sweetwater	832.4	686.5	676.0	796.7	889.4
Wyoming	14040108	Uinta	6,183.8	5,253.6	4,063.6	5,354.9	4,920.1
Wyoming	14050003	Carbon	27,522.7	19,319.8	19,177.5	22,541.0	22,229.6
Wyoming	14050004	Carbon	2,732.8	2,258.2	2,166.6	2,665.2	2,589.1

**County Totals (with incidental losses)**

County	1996	1997	1998	1999	2000
Carbon	30,255.5	21,578.0	21,344.1	25,206.2	24,818.7
Lincoln	20,082.6	20,029.9	15,421.3	17,811.4	13,729.5
Sublette	154,173.0	154,259.2	123,798.1	896,817.2	138,733.1
Sweetwater	56,685.5	33,043.0	33,873.4	33,546.7	38,425.2
Uinta	130,558.7	110,663.2	87,081.8	116,539.0	106,719.5

**HUC Totals**

State	HUC	County	1996	1997	1998	1999	2000
Wyoming	14040101	Lincoln	13,921.0	13,909.7	14,036.1	14,343.2	10,884.4
Wyoming	14040101	Sublette	110,111.2	110,014.7	110,111.2	109,918.2	109,918.2
Wyoming	14040102	Sublette	44,875.5	44,709.0	44,875.5	44,542.4	44,542.4
Wyoming	14040103	Lincoln	119.8	119.8	121.0	123.5	93.5
Wyoming	14040104	Sublette	1,574.7	1,774.5	1,574.7	1,574.2	1,574.2
Wyoming	14040104	Sweetwater	18,512.4	19,921.0	19,921.0	19,921.0	19,299.3
Wyoming	14040106	Sweetwater	7,544.9	7,545.8	7,545.8	7,545.8	7,545.4
Wyoming	14040106	Uinta	11,559.9	11,559.9	9,020.3	11,559.9	9,127.7
Wyoming	14040107	Lincoln	9,138.8	9,138.8	9,230.3	9,418.7	7,131.3
Wyoming	14040107	Uinta	637.1	637.1	637.1	637.1	637.1
Wyoming	14040107	Sweetwater	72,460.5	72,412.0	56,653.9	72,266.2	57,174.4
Wyoming	14040108	Uinta	4,109.7	4,090.1	3,247.5	4,031.2	3,224.3
Wyoming	14050003	Carbon	16,360.2	16,195.6	14,440.6	16,195.6	12,879.6
Wyoming	14050004	Carbon	2,102.5	2,097.7	1,847.0	2,097.7	1,640.8

**County Totals**

County	1996	1997	1998	1999	2000
Carbon	18,462.7	18,293.3	16,287.6	18,293.3	14,520.4
Lincoln	23,179.6	23,168.3	23,387.4	23,885.4	18,109.2
Sublette	156,561.4	156,498.2	156,561.4	156,034.8	156,034.8
Sweetwater	26,694.4	28,103.9	28,103.9	28,103.9	27,481.8
Uinta	88,130.1	88,062.0	68,921.7	87,657.3	69,526.4



## Historical Inflows

### Colorado River Storage Project (CRSP)

Historical daily inflows and unregulated inflows have been generated for Fontenelle, Flaming Gorge, Taylor Park, Blue Mesa, Morrow Point, Crystal, Navajo, and Glen Canyon. This work was performed by five individuals at Reclamation (SLC): Tom Ryan, Bob Adams, Dayna Metzger, Floyd Ostler, Brad Vickers, and Leslie Frankoski.

The development of a historical daily database for CRSP began in the late 1980's when Reclamation began using the Hydromet system. The first step taken was the hand entry of daily data from old hydro sheets into the Hydromet Archive database (Frankoski). In 1991 a suite of mass balance and water accounting programs (Reservoir Accounting Procedure) were implemented for daily water accounting using Hydromet software and the Archive database (Ryan). In 1992 programs for the computation of historical inflows were developed, run, and analyzed (Ryan, Adams). Several problems were encountered, however, including: computation of many negative inflows, significant amounts of errors in data that had been hand entered. Hand entered release data was often off by a factor of 1.9835 (i.e. cfs and acre-feet were confused). Significant amounts of data, particularly in the 1960's, was missing from the hydro sheets as well. A data search ensued to fill in missing data (Ryan). Some missing data was found from documents provided by the Upper Colorado River Commission and the Page Office. This missing data was supplemented as much as possible using USGS data (see comments within each individual reservoir below). To rectify the problems of missing data and erroneous data each operations engineer in UC-430 was assigned two reservoirs to quality check input data, and to massage input data when necessary to purge out negative inflows. The reservoirs were assigned as follows;

Flaming Gorge, Navajo	Adams
Taylor Park, Blue Mesa	Ostler
Morrow Point, Crystal	Vickers
Fontenelle, Glen Canyon	Ryan
Unregulated inflows	Ryan
Data Entry	Metzger

Bank storage is accounted for in the mass balance equations for Glen Canyon and Flaming Gorge only. For Glen Canyon/Lake Powell inflow is determined from upstream gages (see section on Glen Canyon). Bank storage is the computed value in the mass balance equation (change in bank storage = inflow - change in storage - tap - releases). For Flaming Gorge, the change in bank storage each day is 4 % of the change in storage.

Evaporation is part of the mass balance for all reservoirs with the exception of Taylor Park and Crystal. Because Taylor Park is above 10000 feet elevation, evaporation at Taylor Park is assumed to be negligible. Crystal evaporation is assumed to be negligible due to minimal surface area. For Fontenelle, Flaming Gorge, Blue Mesa, Morrow Point, and Navajo, net evaporation coefficients (post dam evaporation - pre dam evaporation) are used. These coefficients are displayed in the following table.

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
Blue	.065	.030	.023	.023	.028	.056	.094	.133	.167	.176	.134	.117	1.046
Pr	.192	.091	.046	.046	.057	.081	.129	.205	.274	.355	.331	.293	2.100
t	.160	.100	.100	.100	.100	.100	.140	.250	.340	.350	.290	.240	
orrow	.065	.030	.023	.023	.028	.056	.094	.133	.167	.176	.134	.117	1.046
Navajo	.136	.066	.048	.048	.059	.123	.193	.277	.335	.358	.281	.225	2.149 A/year

(these values represent feet of net evaporation per month)

In calculating evaporation, an area-elevation table is used to compute the reservoir surface area. A linearly interpolated coefficient divided by days in the month is then multiplied by this area to get net daily evaporation in acre feet. At Glen Canyon a different algorithm is used. This is explained in the section on Glen Canyon.

Travel times between reservoirs used in computing unregulated inflows are as follows:

Fontenelle to Powell	601 miles	8 days
Flaming Gorge to Lake Powell	445 miles	6 days
Taylor Park to Powell	381 miles	5 days
Navajo to Lake Powell	350 miles	5 days
Blue Mesa to Lake Powell	322 miles	4 days

These travel times are based on a 2.5 mi/hr river velocity. Travel distances came from the "River Mile Index".

Fontenelle

While the reservoir first began to fill in October of 1964, daily data for elevation/storage and releases could not be located until October 26, 1965. Daily data begins on this day and continues until the current date. The gage below the reservoir was used for releases through water year 1991. Thereafter, release data from the SCADA system is used.

Flaming Gorge

The entire period of record was found for Flaming Gorge. Daily releases begin on November 1, 1962. The Greendale gage was used for releases from 1962 to the end of water year 1991 (SCADA data used thereafter). Unregulated inflow, adjusting for Fontenelle change in storage and evaporation, begins on October 2, 1964. From October 2, 1964 to October 27, 1965 daily evaporation and change in storage were disaggregated from monthly data at Fontenelle, as daily records at Fontenelle could not be located during this period.

Taylor Park

Inflows for Taylor Park were developed from water year 1963 to the present. The gage below the reservoir was used for reservoir inflow. Inflow calculation at Taylor Park was difficult because historical daily reservoir elevations were recorded to the nearest tenth not hundredth of a foot. Because of this, the original computed inflow was very rough with numerous negative inflows. The historical elevations were significantly massaged to smooth out the



inflow time series data.

Blue Mesa.

When the reservoir began to fill in October of 1965, daily data could not be located until December 1, 1968. Unregulated inflow adjusts for change in storage at Taylor Park. Release data used came from the hydro sheets.

Morrow Point.

Morrow Point began filling on January 24, 1968. Daily data for Morrow Point could not be located until December 1, 1970. Daily inflow, unregulated inflow and side inflow begin on December 2, 1970. Release data for Morrow Point from the hydro sheets was found to be of poor quality. Using this data in the mass balance resulted in unpredictable and inconsistent inflows. Because of this, releases are calculated. Releases and inflows are determined in the following manner. The flux of water coming into the system between the Blue Mesa tailwater and the Gunnison Tunnel is calculated. Flux = Gunnison below Gunnison Tunnel Gage + Tunnel diversion + Morrow Point Change in Storage + Morrow Point evaporation - Blue Mesa Releases (pre March 1977) or Flux = Crystal releases + Crystal Change in Storage + Morrow Point Change in storage + Morrow Point Evaporation - Blue Mesa Releases (post March 1977). Monthly coefficients for the ratio of this water that is inflow into Morrow Point Reservoir and Crystal respectively, were developed from historical data. These coefficients are as follows:

Month    Crystal    Morrow Point

Jan	0.69	0.31
Feb	0.60	0.40
Mar	0.60	0.40
Apr	0.52	0.48
May	0.56	0.44
Jun	0.62	0.38
Jul	0.69	0.31
Aug	0.69	0.31
Sep	0.69	0.31
Oct	0.69	0.31
Nov	0.69	0.31
Dec	0.69	0.31

The computed Flux of water between the Blue Mesa tailwater and the Gunnison Tunnel is then multiplied by the Morrow Point coefficient for the appropriate month. This value is the side inflow into Morrow Point. The total inflow into Morrow Point is then the sum of this side inflow plus releases from Blue Mesa. A mass balance is then run and the release from Morrow Point is calculated (Releases = inflow - change in storage - evaporation). Unregulated inflow adjusts for change in storage at Taylor Park, change in storage at Blue Mesa and evaporation at Blue Mesa.

Crystal.

Daily data for Crystal Reservoir was located. Daily data begins on March 14, 1977. Inflow is calculated by mass balance and the side inflow is the difference between the total inflow and the releases from Morrow Point. Unregulated inflow adjusts for change

change in storage at Taylor Park, change in storage at Blue Mesa, change in storage at Morrow Point, evaporation at Blue Mesa, and evaporation at Morrow Point.

All daily data for Navajo was located. Daily data for Navajo begins on July 1, 1962. The Navajo Indian Irrigation Project began diverting water in 1976. Beginning in water year 1976 the mass balance, which computes inflows, includes the NIIP diversion. The Archuleta gage is used for Navajo releases.

#### Glen Canyon

After much debate, it was decided that the USGS gage at Lee's Ferry could be used for the releases from the dam for the historical computation. Prior to making this decision, a computation of the difference between hydro sheet releases and Lee's Ferry water storage values was performed. According to the hydro sheets a total of 88,691 thousand acre feet of water was released from Glen Canyon Dam for Water Years 1965 through 1992. According to Lee's Ferry data a total of 286,343 thousand acre feet of water was released during this same period. Thus, using the Lee's Ferry gage results in releases being reduced by 2,348 thousand acre-feet for 1965-1992.

Inflow into Glen Canyon is calculated by adding up the San Juan River at Bluff Gage, the Green River at Green River Gage, and the Colorado River at Cisco Gage and then adding or subtracting a portion of this water using monthly coefficients. These monthly coefficients represent gains and losses between these gages and the Lee's Ferry gage. These were determined by the pre dam (1927-1962) relationship between the sum of the three gages and the Lee's Ferry gage. These coefficients are as follows:

Jan	0.0572
Feb	0.0642
Mar	0.0170
Apr	-0.0485
May	-0.0197
Jun	0.0535
Jul	0.1553
Aug	0.0985
Sep	0.1081
Oct	0.0806
Nov	0.1039
Dec	0.0894

Note that historically losses occurred in April and in May.

Evaporation for Lake Powell is determined using the method described in the 1986 report on "Lake Powell Evaporation" compiled by the Bureau of Reclamation, Upper Colorado Regional Office. This method uses the following algorithm.

Area of the reservoir is determined using an area-elevation curve. This area is multiplied by an interpolated effective (gross evaporation - precipitation) evaporation coefficient to get effective lake surface evaporation. Then the evaporation of the river (pre dam), the evaporation of the streamside (pre dam) and

The evaporation of the terrace (pre dam) are calculated. These three values are then subtracted off of the effective lake surface evaporation to get the total net evaporation for Lake Powell. To compute the pre dam river evaporation (evaporation from the portion of the river that is submerged) a table that relates reservoir elevation to pre dam river surface area is used. This area is multiplied by the same effective evaporation coefficient as is used on the lake surface area. In computing the streamside evaporation a table that relates reservoir elevation to area of streamside vegetation is used. This area is multiplied by the streamside coefficient (developed using Blaney-Criddle) to get streamside evaporation. Likewise a table is used to get the area of terrace vegetation. This area is multiplied by the terrace coefficient (also developed using Blaney-Criddle).

#### Effective Coefficients

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
.374	.363	.338	.218	.277	.234	.363	.431	.627	.603	.696	.712

(these values represent feet of effective evaporation per month)

5,236  
= gross E<sub>L</sub>-P

#### Terrace Coefficients

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
.200	.170	.160	.160	.145	.194	.200	.223	.223	.234	.220	.207

2,336

#### Streamside Coefficients

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
.189	.190	.197	.178	.234	.244	.280	.272	.285	.267	.230	

2,788

Unregulated inflows at Glen Canyon adjust for the following items:

- Change in storage at Fontenelle
- Evaporation at Fontenelle
- Change in storage at Flaming Gorge
- Change in bank storage at Flaming Gorge
- Evaporation at Flaming Gorge
- Change in storage at Taylor Parks
- Change in storage at Blue Mesa
- Evaporation at Blue Mesa
- Change in Storage at Navajo
- Evaporation at Navajo

Diversions are not accounted for in the unregulated inflow computation.

Tom Ryan 10/93



BY	DATE	PROJECT	SHEET ____ OF ____
CHKD BY	DATE	FEATURE	
DETAILS			

Adjusting Side inflows at MP and CRY

Side inflows are calculated as follows

$$\text{Flux}_{\text{system}}(\text{today}) = \text{CRY Release}(\text{today}) + \text{CRY } \Delta \text{ Storage}(\text{today}) + \text{MP } \Delta \text{ storage}(\text{today})$$

$$\rightarrow + \text{MP evap}(\text{today}) - \text{BM Releases}(\text{today})$$

ALL Units in AF!

Then we divide flux between CRY and MP according to coefficients. Each month has different coefficients but generally:

$$\text{CRY Side-inflow}(\text{today}) = \text{Flux}_{\text{system}}(\text{today}) \times 0.7$$

$$\text{MP Side-inflow}(\text{today}) = \text{Flux}_{\text{system}}(\text{today}) \times 0.3$$

BY	DATE	PROJECT	SHEET ___ OF ___
CHKD BY	DATE	FEATURE	
DETAILS			

Now, in the event that side inflows are negative (or just plain wrong) Here is how we adjust them.

- ① We want to change Flux <sup>system</sup> <sub>today</sub> so that it is not negative (or in the right range).
- ② We look at a storage for CRV and MP for today and yesterday

$$CRV \Delta \text{ storage} = CRV \text{ FB}_{(today)} - CRV \text{ FB}_{(yesterday)}$$

$$MP \Delta \text{ storage} = MP \text{ FB}_{(today)} - MP \text{ FB}_{(yesterday)}$$

- ③ The most effective method is to increase a storage for CRV or MP (preferably MP because of greater capacity). This is done by adjusting MP (or CRV)  $\text{FB}_{(yesterday)}$  to reflect a larger  $\Delta$  storage
- ④ Calculate how many AF are necessary to get side inflow to the correct range.

COMPUTATION SHEET

BY	DATE	PROJECT	SHEET ___ OF ___
HKD BY	DATE	FEATURE	
DETAILS			

ex.

$$MP \text{ side-inflow} = -12 \text{ cfs}$$

$$CRY \text{ side-inflow} = -19 \text{ cfs}$$

we would like to see positive side-inflows.

$$MP \text{ side-inflow} = +20 \text{ cfs}$$

$$CRY \text{ side-inflow} = +30 \text{ cfs}$$

$$30 - (-19) = 49$$

$$20 - (-12) = 32$$

$$81 \times 1.98347 = 160 \text{ AF}$$

Now from Election/Op table we find that  
for MP 1 AF = ~900 AF

$$160 \text{ AF} \times \frac{1 \text{ AF}}{900 \text{ AF}} = 0.2 \text{ AF}$$

Change MP  $\Delta$  (yesterday) to reflect a 0.2 AF  
change that increases MP  $\Delta$  storage (today).

# COMPUTATION SHEET

BY	DATE	PROJECT	SHEET ___ OF ___
CHKD BY	DATE	FEATURE	
DETAILS			

⑤ After  $f_b$  (yesterday) is changed, rerun reqd and unreg and check the change to side inflow.

⑥ Adjust if necessary,