

TABLE 2A.--2013 Actual Monthly Storage and Evaporation at Heron Reservoir

	Capacity (acre-feet)	Elevation (feet)	Est. Surface Area (acres)	Evaporation (inches)	Evap / 12 (feet)	Evap (feet) x 0.7	Evaporation (acre-feet)	% of Capacity
Jan	156,604	7,133.76	3,190	0	0.00	0.00	0	39%
Feb	145,812	7,130.49	3,190	0	0.00	0.00	0	36%
Mar	136,146	7,127.41	3,190	0	0.00	0.00	0	34%
Apr	136,023	7,127.37	3,190	5.88	0.49	0.34	1,094	34%
May	134,348	7,126.82	3,190	8.03	0.67	0.47	1,494	33%
Jun	124,522	7,123.49	2,690	10.77	0.90	0.63	1,690	31%
Jul	105,594	7,116.45	2,690	7.98	0.67	0.47	1,252	26%
Aug	86,029	7,107.90	2,179	6.86	0.57	0.40	872	21%
Sep	90,345	7,109.93	2,179	5.25	0.44	0.31	667	23%
Oct	92,768	7,111.03	2,179	3.94	0.33	0.23	501	23%
Nov	92,390	7,110.86	2,179	0	0.00	0.00	0	23%
Dec	88,087	7,108.88	2,179	0	0.00	0.00	0	22%
Maximum	401,300					Annual Evap	7,571	
Annual Avg	115,722							29%

TABLE 2B.--2013 Actual Monthly Storage and Evaporation at El Vado Reservoir

	Capacity (acre-feet)	Elevation (feet)	Est. Surface Area (acres)	Evaporation (inches)	Evap / 12 (feet)	Evap (feet) x 0.7	Evaporation (acre-feet)	% of Capacity
Jan	14,372	6,806.02	733	0	0.00	0.00	0	7%
Feb	18,840	6,811.70	841	0	0.00	0.00	0	10%
Mar	28,562	6,822.11	1,020	0	0.00	0.00	0	15%
Apr	34,461	6,827.57	1,148	6.74	0.56	0.39	451	18%
May	42,509	6,834.19	1,280	9.04	0.75	0.53	675	22%
Jun	20,305	6,813.41	873	11.54	0.96	0.67	588	10%
Jul	17,893	6,810.56	820	8.29	0.69	0.48	397	9%
Aug	23,579	6,817.02	938	7.44	0.62	0.43	407	12%
Sep	19,135	6,812.05	849	5.7	0.48	0.33	282	10%
Oct	18,132	6,810.85	826	4.14	0.35	0.24	199	9%
Nov	14,949	6,806.80	747	0	0.00	0.00	0	8%
Dec	5,345	6,791.34	514	0	0.00	0.00	0	3%
Maximum	196,500					Annual Evap	2,999	
Annual Avg	21,507							11%

TABLE 2C.--2013 Actual Monthly Storage and Evaporation at Abiquiu Reservoir

	Capacity (acre-feet)	Elevation (feet)	Est. Surface Area (acres)	Evaporation (inches)	Evap / 12 (feet)	Evap (feet) x 0.7	Evaporation (acre-feet)	% of Capacity
Jan	161,736	6,214.30	3,846	2.47	0.21	0.14	554	14%
Feb	167,864	6,215.92	3,938	3.59	0.30	0.21	825	14%
Mar	169,246	6,216.28	3,961	6.13	0.51	0.36	1,416	14%
Apr	154,308	6,212.30	3,735	7.92	0.66	0.46	1,726	13%
May	141,957	6,208.90	3,475	9.47	0.79	0.55	1,920	12%
Jun	125,440	6,204.17	3,292	13.44	1.12	0.78	2,581	11%
Jul	138,759	6,208.00	3,416	9.98	0.83	0.58	1,989	12%
Aug	145,258	6,209.82	3,540	8.92	0.74	0.52	1,842	12%
Sep	151,367	6,211.50	3,694	6.56	0.55	0.38	1,414	13%
Oct	143,031	6,209.20	3,495	5.79	0.48	0.34	1,180	12%
Nov	143,675	6,209.38	3,509	3.63	0.30	0.21	743	12%
Dec	154,603	6,212.38	3,740	2.22	0.19	0.13	484	13%
Maximum	1,192,800					Annual Evap	16,673	
Annual Avg	149,770							13%

TABLE 2D.--2013 Actual Monthly Storage and Evaporation at Cochiti Reservoir

	Capacity (acre-feet)	Elevation (feet)	Est. Surface Area (acres)	Evaporation (inches)	Evap / 12 (feet)	Evap (feet) x 0.7	Evaporation (acre-feet)	% of Capacity
Jan	48,998	5,345.28	1,329	2.79	0.23	0.16	216	10%
Feb	48,060	5,344.56	1,277	4.14	0.35	0.24	308	10%
Mar	47,933	5,344.46	1,270	7.05	0.59	0.41	522	10%
Apr	48,394	5,344.82	1,290	6.74	0.56	0.39	507	10%
May	48,124	5,344.61	1,277	9.33	0.78	0.54	695	10%
Jun	47,285	5,343.94	1,227	11.79	0.98	0.69	844	10%
Jul	47,114	5,343.80	1,219	7.66	0.64	0.45	545	10%
Aug	47,114	5,343.80	1,219	6.83	0.57	0.40	486	10%
Sep	72,194	5,358.56	2,213	5.33	0.44	0.31	688	15%
Oct	47,089	5,343.78	1,219	4.02	0.34	0.23	286	10%
Nov	46,562	5,343.34	1,176	3.3	0.28	0.19	226	9%
Dec	46,610	5,343.38	1,184	2.83	0.24	0.17	195	9%
Maximum	491,259					Annual Evap	5,519	
Annual Avg	49,623							10%

TABLE 2E.--2013 Actual Monthly Storage and Evaporation at Elephant Butte Reservoir

	Capacity (acre-feet)	Elevation (feet)	Est. Surface Area (acres)	Evaporation (inches)	Evap / 12 (feet)	Evap (feet) x 0.7	Evaporation (acre-feet)	% of Capacity
Jan	183,064	4,309.10	7,434	3.46	0.29	0.20	1,500	9%
Feb	207,139	4,312.41	7,434	5.84	0.49	0.34	2,533	10%
Mar	220,176	4,314.08	7,434	9.93	0.83	0.58	4,306	11%
Apr	223,067	4,314.44	7,434	14.44	1.20	0.84	6,262	11%
May	193,841	4,310.62	7,434	17.38	1.45	1.01	7,537	10%
Jun	80,576	4,291.30	4,171	21.3	1.78	1.24	5,182	4%
Jul	74,456	4,289.88	4,171	13.09	1.09	0.76	3,185	4%
Aug	90,872	4,293.54	4,171	11.96	1.00	0.70	2,910	4%
Sep	163,572	4,306.23	7,434	9.38	0.78	0.55	4,068	8%
Oct	192,471	4,310.43	7,434	10.03	0.84	0.59	4,350	10%
Nov	236,171	4,316.03	9,563	4.66	0.39	0.27	2,600	10%
Dec	279,060	4,320.83	9,563	2.99	0.25	0.17	1,668	14%
Maximum	2,023,400					Annual Evap	46,100	
Annual Avg	178,705							9%

TABLE 2F.--2013 Actual Monthly Storage and Evaporation at Caballo Reservoir

	Capacity (acre-feet)	Elevation (feet)	Est. Surface Area (acres)	Evaporation (inches)	Evap / 12 (feet)	Evap (feet) x 0.7	Evaporation (acre-feet)	% of Capacity
Jan	8,400	4,129.98	1,546	4.48	0.37	0.26	404	3%
Feb	9,700	4,130.80	1,546	5.04	0.42	0.29	455	3%
Mar	10,570	4,131.33	1,546	9.22	0.77	0.54	831	3%
Apr	10,210	4,131.11	1,546	11.77	0.98	0.69	1,061	3%
May	36,080	4,142.49	2,719	12.3	1.03	0.72	1,951	11%
Jun	21,240	4,136.88	2,038	17.67	1.47	1.03	2,101	7%
Jul	8,600	4,130.11	1,546	14.3	1.19	0.83	1,290	3%
Aug	11,760	4,132.03	1,546	14.35	1.20	0.84	1,294	4%
Sep	39,580	4,143.57	3,733	9.7	0.81	0.57	2,112	12%
Oct	38,580	4,143.27	3,733	9.05	0.75	0.53	1,971	12%
Nov	38,980	4,143.39	3,733	5.69	0.47	0.33	1,239	12%
Dec	39,740	4,143.62	3,733	1.67	0.14	0.10	364	12%
Maximum	326,700					Annual Evap	15,072	
Annual Avg	22,787							7%

TABLE 2G.--2013 Monthly Storage (Acre-Feet)--ACTUAL							
	Heron	El Vado	Abiquiu	Cochiti	Elephant Butte	Caballo	Total/Mo.
Jan	156,604	14,372	161,736	48,998	183,064	8,400	573,174
Feb	145,812	18,840	167,864	48,060	207,139	9,700	597,415
Mar	136,146	28,562	169,246	47,933	220,176	10,570	612,633
Apr	136,023	34,461	154,308	48,394	223,067	10,210	606,463
May	134,348	42,509	141,957	48,124	193,841	36,080	596,859
Jun	124,522	20,305	125,440	47,285	80,576	21,240	419,368
Jul	105,594	17,893	138,759	47,114	74,456	8,600	392,416
Aug	86,029	23,579	145,258	47,114	90,872	11,760	404,612
Sep	90,345	19,135	151,367	72,194	163,572	39,580	536,193
Oct	92,768	18,132	143,031	47,089	192,471	38,580	532,071
Nov	92,390	14,949	143,675	46,562	236,171	38,980	572,727
Dec	88,087	5,345	154,603	46,610	279,060	39,740	613,445
Annual Avg	115,722	21,507	149,770	49,623	178,705	22,787	
			High-Elev	336,623	Low-Elev	201,492	

TABLE 2H.--2013 Monthly Evaporation (Acre-Feet)--ACTUAL							
	Heron	El Vado	Abiquiu	Cochiti	Elephant Butte	Caballo	Total/Mo.
Jan	0	0	554	216	1,500	404	2,674
Feb	0	0	825	308	2,533	455	4,121
Mar	0	0	1,416	522	4,306	831	7,075
Apr	1,094	451	1,726	507	6,262	1,061	11,101
May	1,494	675	1,920	695	7,537	1,951	14,272
Jun	1,690	588	2,581	844	5,182	2,101	12,986
Jul	1,252	397	1,989	545	3,185	1,290	8,658
Aug	872	407	1,842	486	2,910	1,294	7,811
Sep	667	282	1,414	688	4,068	2,112	9,231
Oct	501	199	1,180	286	4,350	1,971	8,487
Nov	0	0	743	226	2,600	1,239	4,808
Dec	0	0	484	195	1,668	364	2,711
Annual Avg							
Annual	7,570	2,999	16,674	5,518	46,101	15,073	93,934
			High-Elev	32,761	Low-Elev	61,174	

TABLE 2I.--Scenario #1: 2013 Monthly Storage and Evaporation at Heron Reservoir

	Heron Actual Capacity (acre-feet)	Proposed Additional RGP Storage in Heron	Total Proposed Storage (acre-feet)	Elevation Actual Storage (feet)	Est. Elevation Proposed Storage (feet)	Est. Surface Area Actual Storage (acres)	Est. Surface Area Proposed Storage (acres)	Evaporation (inches)	Evap / 12 (feet)	Evap (feet) x 0.7	Est. Actual Evaporation (acre-feet)	Est. Proposed Storage Evaporation (acre-feet)	
Jan	156,604	191,464	348,068	7,133.76	7,180.00	3,190	5,604	0	0.00	0.00	0	0	
Feb	145,812	216,839	362,651	7,130.49	7,180.00	3,190	5,604	0	0.00	0.00	0	0	
Mar	136,146	230,746	366,892	7,127.41	7,180.00	3,190	5,604	0	0.00	0.00	0	0	
Apr	136,023	233,277	369,300	7,127.37	7,180.00	3,190	5,604	5.88	0.49	0.34	1,094	1,922	
May	134,348	229,921	364,269	7,126.82	7,180.00	3,190	5,604	8.03	0.67	0.47	1,494	2,625	
Jun	124,522	101,816	226,338	7,123.49	7,150.00	2,690	4,184	10.77	0.90	0.63	1,690	2,629	
Jul	105,594	83,056	188,650	7,116.45	7,140.00	2,690	3,707	7.98	0.67	0.47	1,252	1,726	
Aug	86,029	102,632	188,661	7,107.90	7,140.00	2,179	3,707	6.86	0.57	0.40	872	1,483	
Sep	90,345	203,152	293,497	7,109.93	7,170.00	2,179	5,110	5.25	0.44	0.31	667	1,565	
Oct	92,768	231,051	323,819	7,111.03	7,170.00	2,179	5,110	3.94	0.33	0.23	501	1,174	
Nov	92,390	275,151	367,541	7,110.86	7,180.00	2,179	5,604	0	0.00	0.00	0	0	
Dec	88,087	313,213	401,300	7,108.88	7,186.10	2,179	5,905	0	0.00	0.00	0	0	
AVG			316,749								Sum of Evap	7,571	13,124
											RGP Evap		5,553

TABLE 2J.--Scenario #1: 2013 Monthly Storage and Evaporation at El Vado Reservoir

	El Vado Actual Capacity (acre-feet)	Proposed Additional RGP Storage El Vado (acre-feet)	Total Proposed Storage (acre-feet)	Elevation Actual Storage (feet)	Est. Elevation Proposed Storage (feet)	Est. Surface Area Actual Storage (acres)	Est. Surface Area Proposed Storage (acres)	Evaporation (inches)	Evap / 12 (feet)	Evap (feet) x 0.7	Est. Actual Evaporation (acre-feet)	Est. Proposed Storage Evaporation (acre-feet)	
Jan	14,372	0	14,372	6,806.02	6,806.02	733	733	0	0.00	0.00	0	0	
Feb	18,840	0	18,840	6,811.70	6,811.70	841	841	0	0.00	0.00	0	0	
Mar	28,562	0	28,562	6,822.11	6,822.11	1,020	1,020	0	0.00	0.00	0	0	
Apr	34,461	0	34,461	6,827.57	6,827.57	1,148	1,148	6.74	0.56	0.39	451	451	
May	42,509	0	42,509	6,834.19	6,834.19	1,280	1,280	9.04	0.75	0.53	675	675	
Jun	20,305	0	20,305	6,813.41	6,813.41	873	873	11.54	0.96	0.67	588	588	
Jul	17,893	0	17,893	6,810.56	6,810.56	820	820	8.29	0.69	0.48	397	397	
Aug	23,579	0	23,579	6,817.02	6,817.02	938	938	7.44	0.62	0.43	407	407	
Sep	19,135	0	19,135	6,812.05	6,812.05	849	849	5.7	0.48	0.33	282	282	
Oct	18,132	0	18,132	6,810.85	6,810.85	826	826	4.14	0.35	0.24	199	199	
Nov	14,949	0	14,949	6,806.80	6,806.80	747	747	0	0.00	0.00	0	0	
Dec	5,345	5,587	10,932	6,791.34	6,801.00	514	647	0	0.00	0.00	0	0	
AVG			21,972								Sum of Evap	2,999	2,999
											RGP Evap		0

Heron	
Sum Evap	7,571
	13,124
	RGP Evap
	5,553
El Vado	
Sum Evap	2,999
	2,999
	RGP Evap
	0

Total Moved Storage Evap	5,553
EBR/Caballo Actual Evap	61,172

TABLE 2L.--Scenario #2: 2013 Monthly Storage and Evaporation at Heron Reservoir

	Heron Actual Capacity (acre-feet)	Proposed Additional RGP Storage in Heron	Total Proposed Storage (acre-feet)	Elevation Actual Storage (feet)	Est. Elevation Proposed Storage (feet)	Est. Surface Area Actual Storage (acres)	Est. Surface Area Proposed Storage (acres)	Evaporation (inches)	Evap / 12 (feet)	Evap (feet) x 0.7	Est. Actual Evaporation (acre-feet)	Est. Proposed Storage Evaporation (acre-feet)	
Jan	156,604	141,464	298,068	7,133.76	7,170.00	3,190	5,110	0	0.00	0.00	0	0	
Feb	145,812	166,839	312,651	7,130.49	7,170.00	3,190	5,110	0	0.00	0.00	0	0	
Mar	136,146	180,746	316,892	7,127.41	7,170.00	3,190	5,110	0	0.00	0.00	0	0	
Apr	136,023	183,277	319,300	7,127.37	7,170.00	3,190	5,110	5.88	0.49	0.34	1,094	1,753	
May	134,348	179,921	314,269	7,126.82	7,170.00	3,190	5,110	8.03	0.67	0.47	1,494	2,394	
Jun	124,522	51,816	176,338	7,123.49	7,140.00	2,690	3,707	10.77	0.90	0.63	1,690	2,329	
Jul	105,594	33,056	138,650	7,116.45	7,130.00	2,690	3,190	7.98	0.67	0.47	1,252	1,485	
Aug	86,029	52,632	138,661	7,107.90	7,130.00	2,179	3,190	6.86	0.57	0.40	872	1,277	
Sep	90,345	153,152	243,497	7,109.93	7,160.00	2,179	4,672	5.25	0.44	0.31	667	1,431	
Oct	92,768	181,051	273,819	7,111.03	7,160.00	2,179	4,672	3.94	0.33	0.23	501	1,074	
Nov	92,390	225,151	317,541	7,110.86	7,170.00	2,179	5,110	0	0.00	0.00	0	0	
Dec	88,087	268,800	356,887	7,108.88	7,180.00	2,179	5,604	0	0.00	0.00	0	0	
AVG			267,214								Sum of Evap	7,571	11,741
											RGP Evap		5,553

TABLE 2M.--Scenario #2: 2013 Monthly Storage and Evaporation at Elephant Butte Reservoir

	EBR Actual Capacity (acre-feet)	Proposed RGP Storage Moved Upstream (acre-feet)	Total Remaining Storage (acre-feet)	Elevation (feet)	Est. Elevation Proposed Storage (feet)	Est. Surface Area (acres)	Est. Surface Area Proposed Storage (acres)	Evaporation (inches)	Evap / 12 (feet)	Evap (feet) x 0.7	Evaporation (acre-feet)	Est. Proposed Storage Evaporation (acre-feet)	
Jan	183,064	133,064	50,000	4,309.10	4,280	7,434	2,562	3.46	0.29	0.20	1,500	517	
Feb	207,139	157,139	50,000	4,312.41	4,280	7,434	2,562	5.84	0.49	0.34	2,533	873	
Mar	220,176	170,176	50,000	4,314.08	4,280	7,434	2,562	9.93	0.83	0.58	4,306	1,484	
Apr	223,067	173,067	50,000	4,314.44	4,280	7,434	2,562	14.44	1.20	0.84	6,262	2,158	
May	193,841	143,841	50,000	4,310.62	4,280	7,434	2,562	17.38	1.45	1.01	7,537	2,597	
Jun	80,576	30,576	50,000	4,291.30	4,280	4,171	2,562	21.3	1.78	1.24	5,182	3,183	
Jul	74,456	24,456	50,000	4,289.88	4,280	4,171	2,562	13.09	1.09	0.76	3,185	1,956	
Aug	90,872	40,872	50,000	4,293.54	4,280	4,171	2,562	11.96	1.00	0.70	2,910	1,787	
Sep	163,572	113,572	50,000	4,306.23	4,280	7,434	2,562	9.38	0.78	0.55	4,068	1,402	
Oct	192,471	142,471	50,000	4,310.43	4,280	7,434	2,562	10.03	0.84	0.59	4,350	1,499	
Nov	236,171	186,171	50,000	4,316.03	4,280	9,563	2,562	4.66	0.39	0.27	2,600	696	
Dec	279,060	229,060	50,000	4,320.83	4,280	9,563	2,562	2.99	0.25	0.17	1,668	447	
AVG			50,000								Sum of Evap	46,100	18,601
											RGP Evap		18,601

Heron		
Sum Evap	7,571	11,741
	RGP Evap	5,553
Elephant Butte		
Sum Evap	46,100	18,601
	RGP Evap	18,601

Total Moved Storage Evap	30,342
EBR/Caballo Evap	61,172

