

Appendix A: Temperature



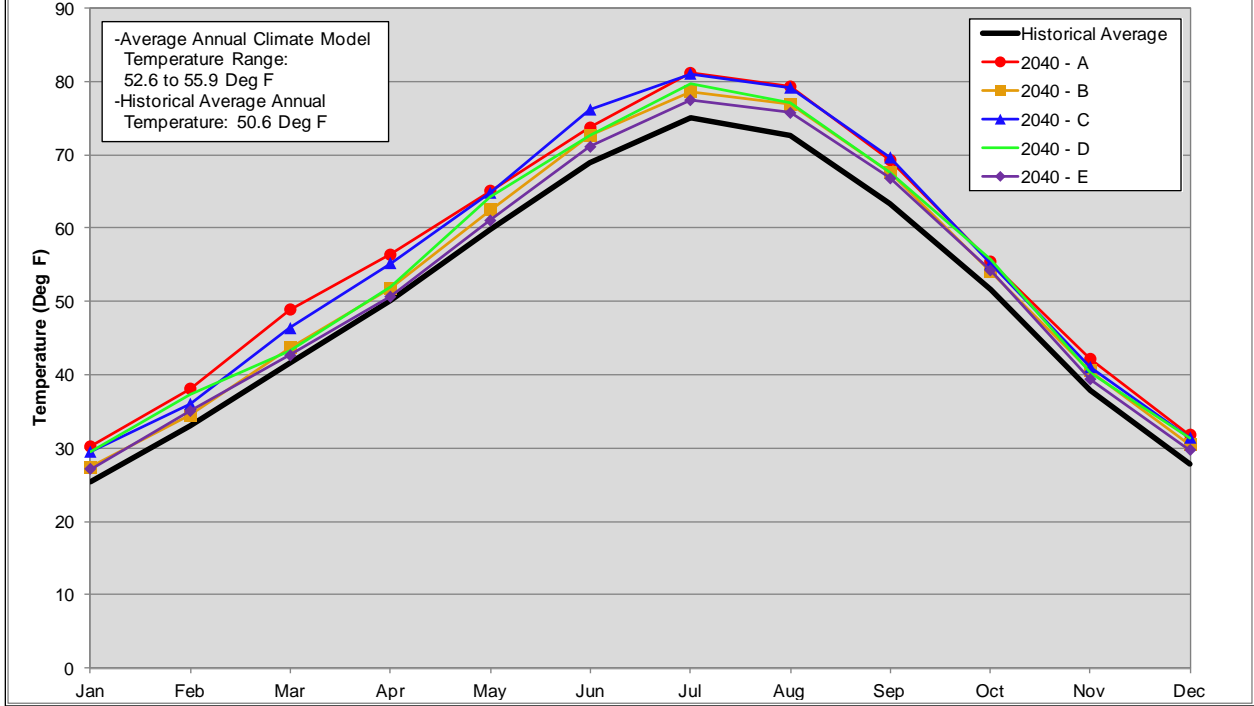
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A. Temperature

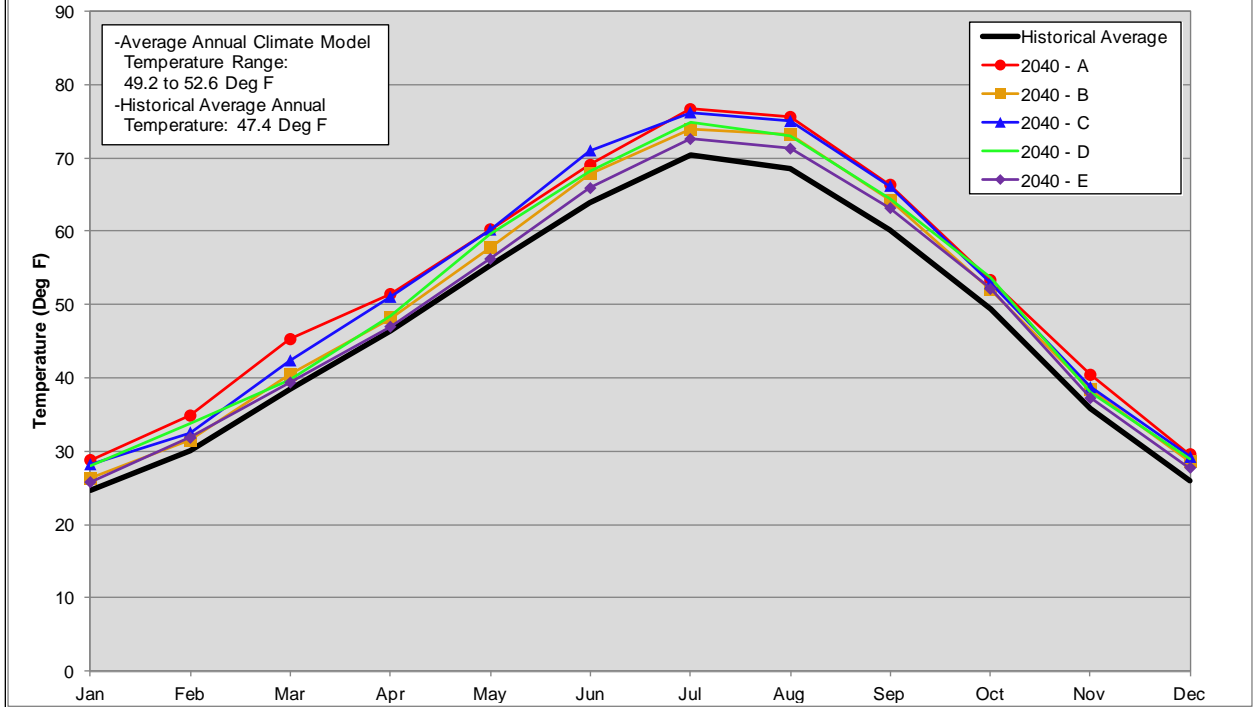
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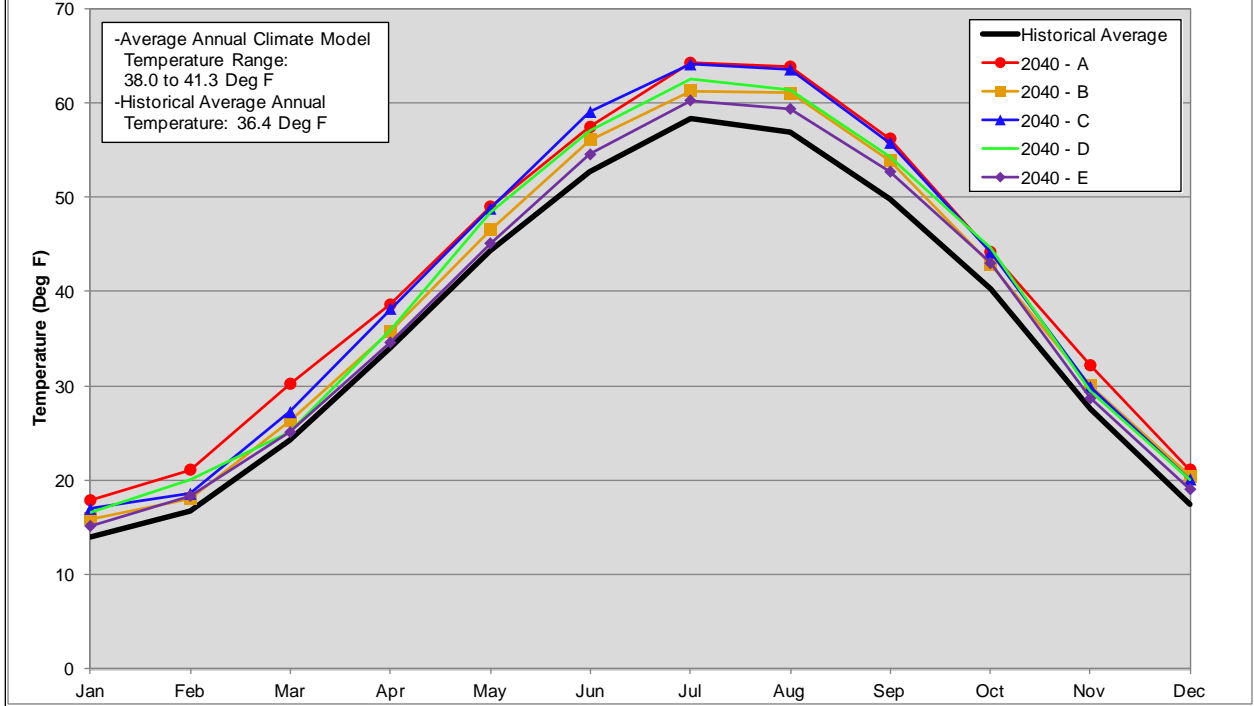
**Figure A1. FRUITA 1 W
2040 Average Monthly Temperature**



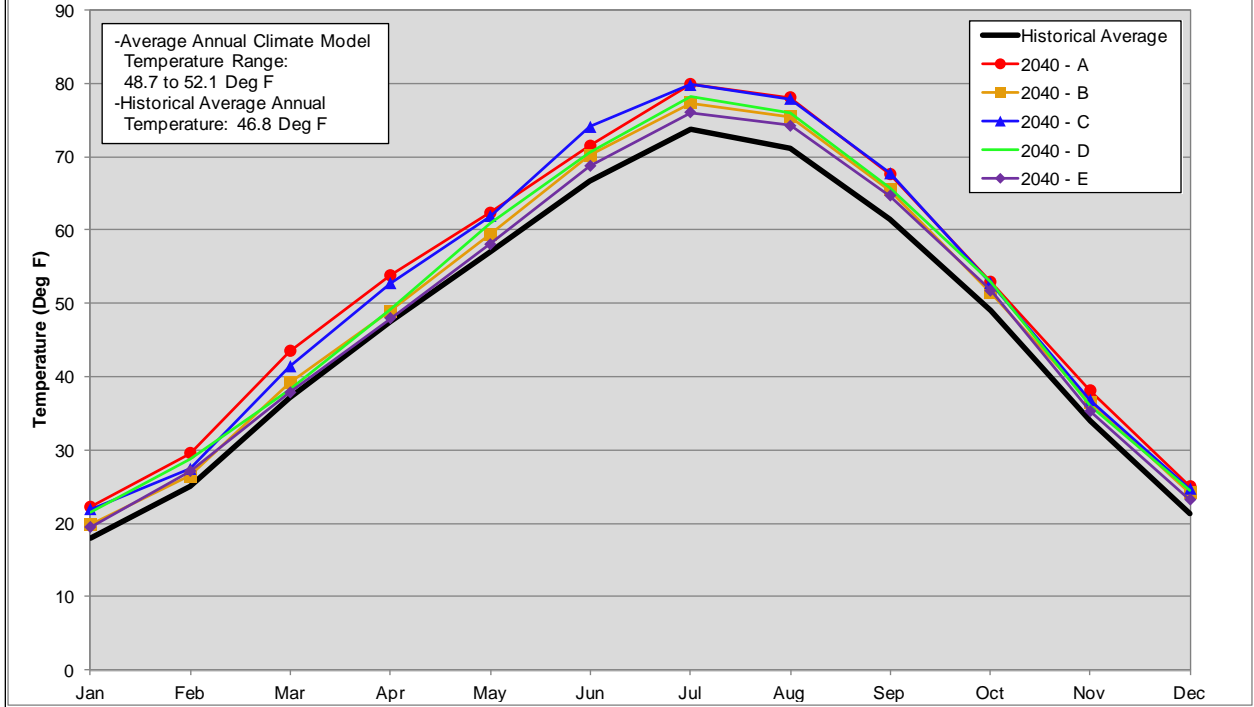
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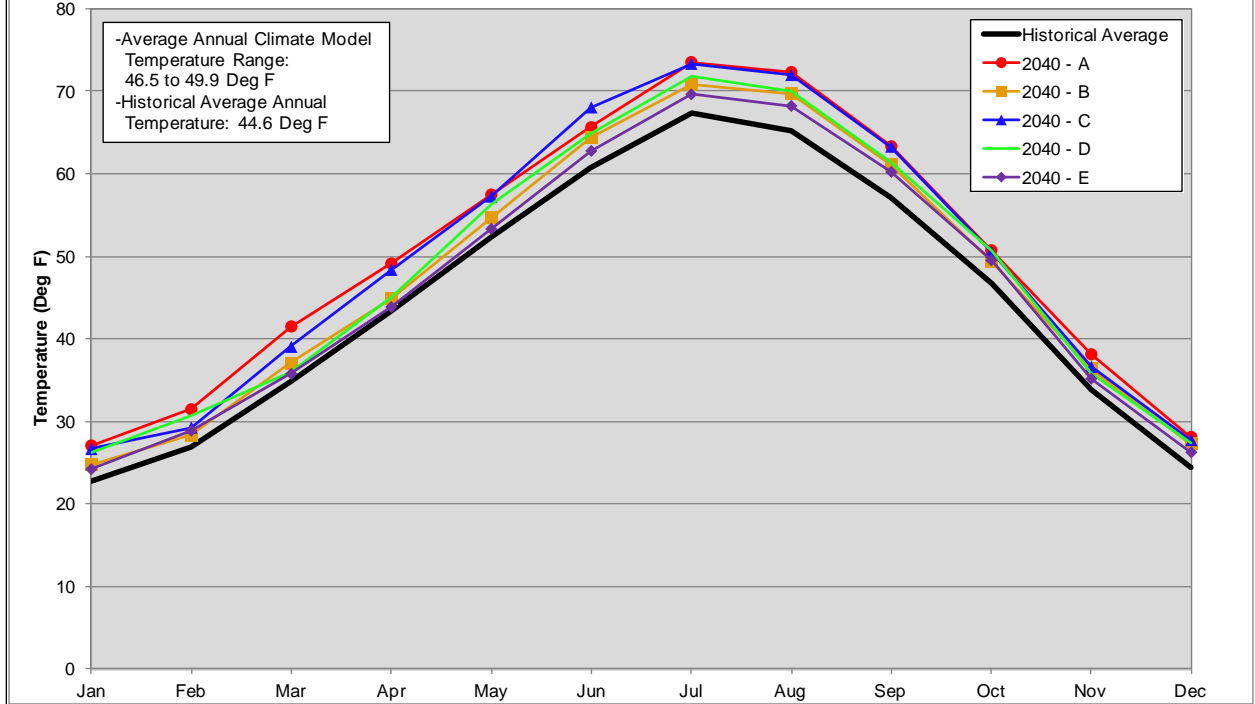
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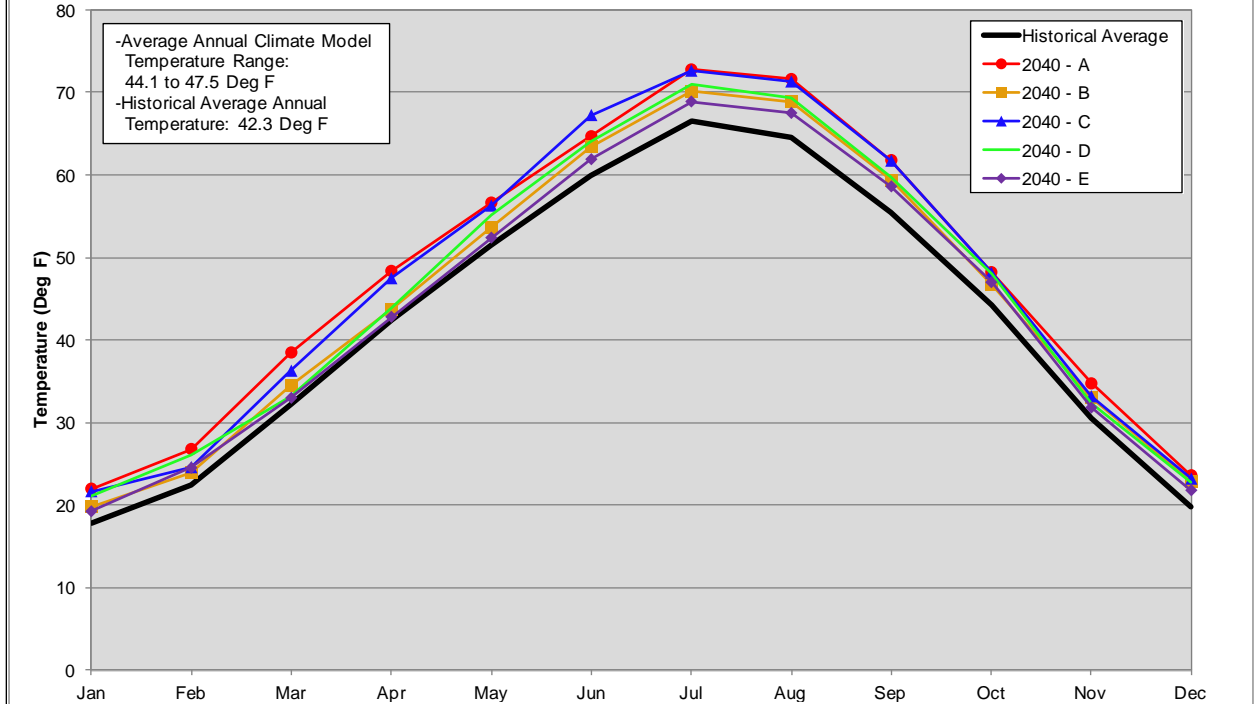
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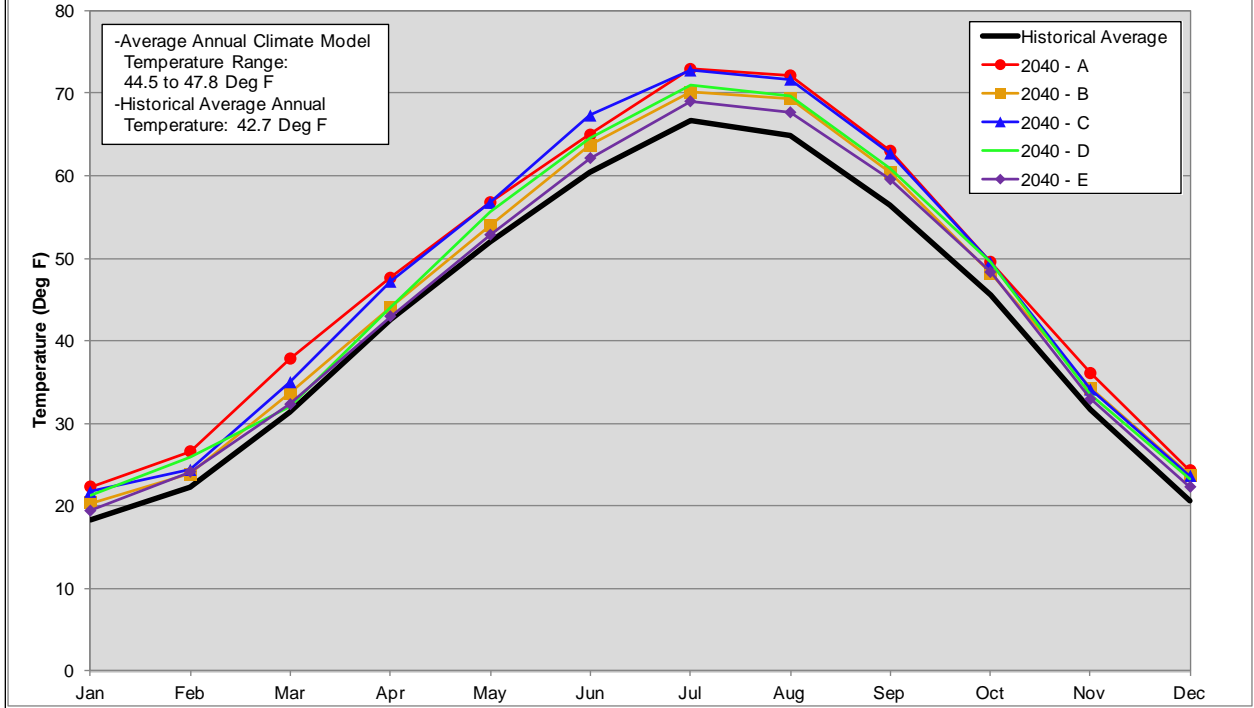
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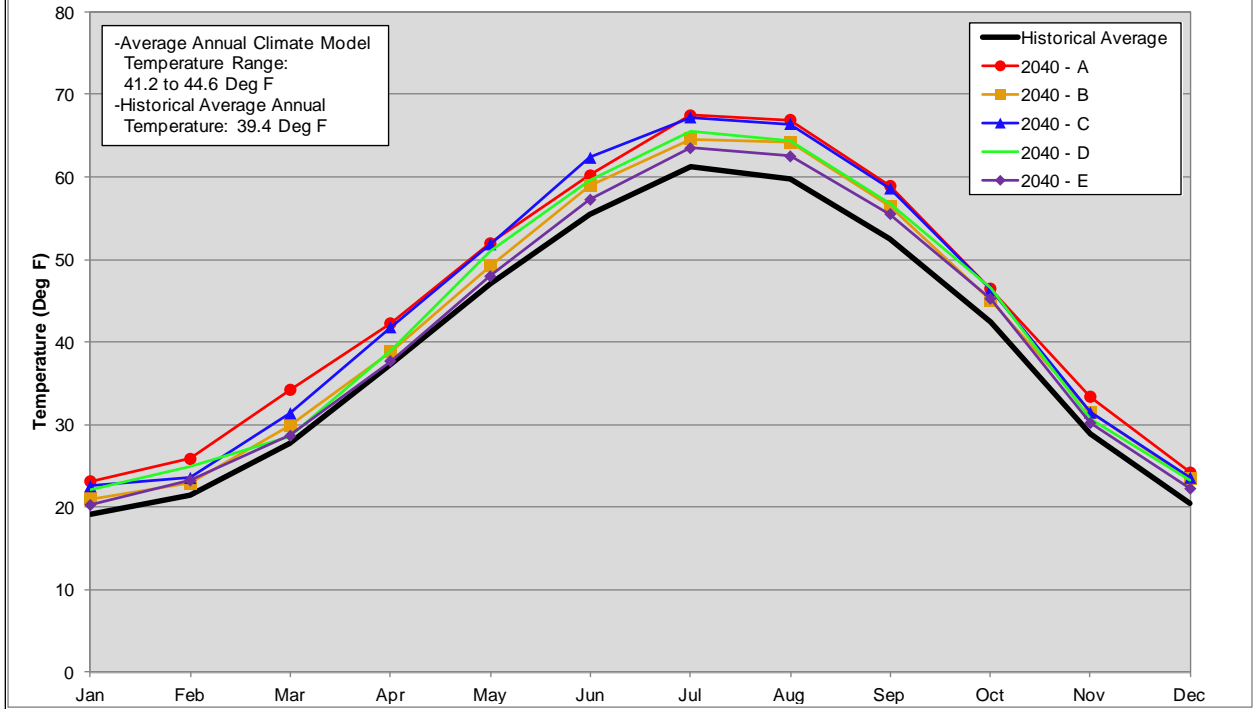
**Figure A6. MAYBELL
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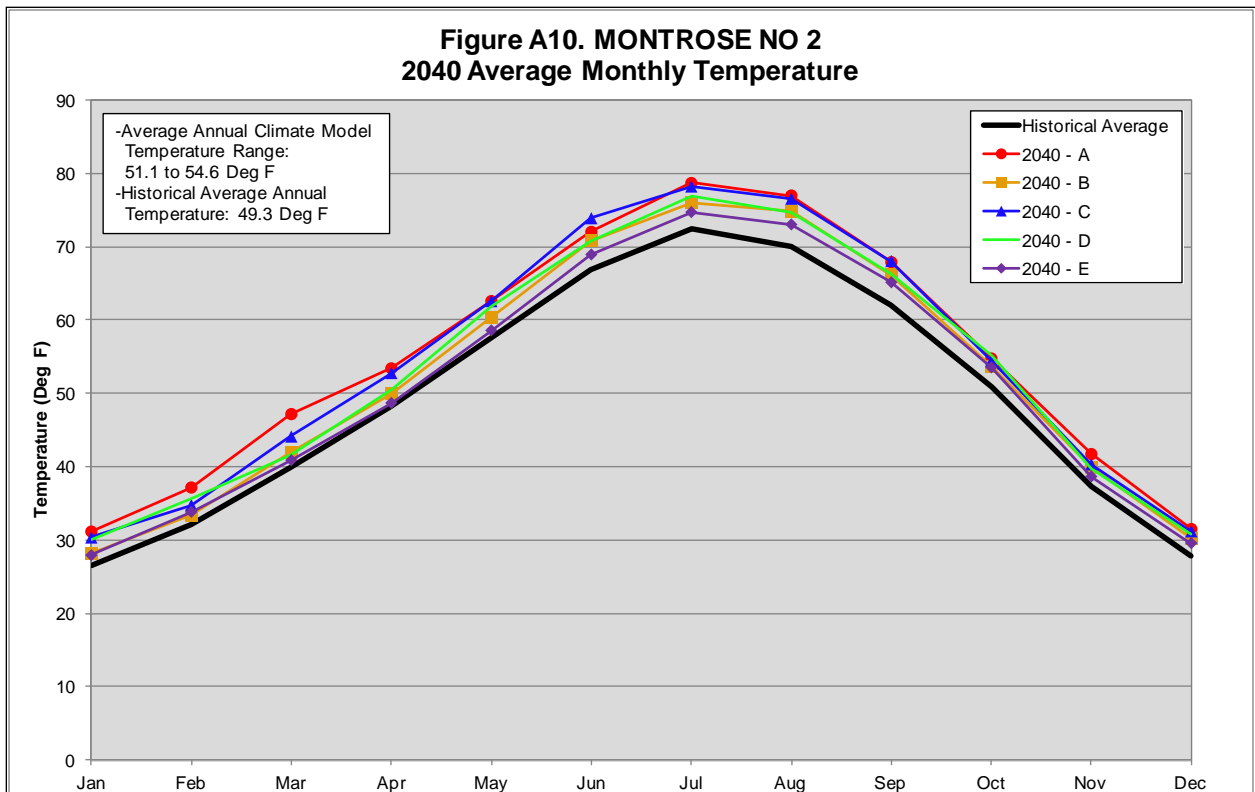
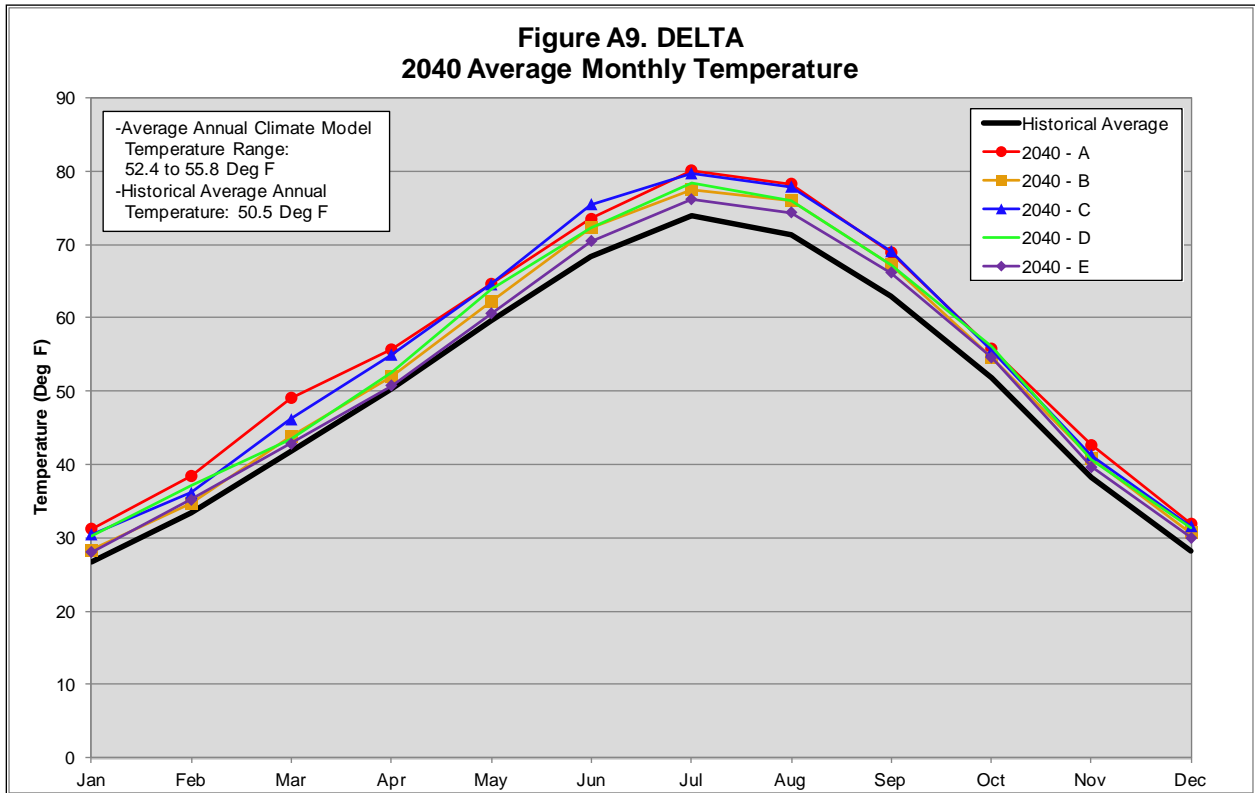


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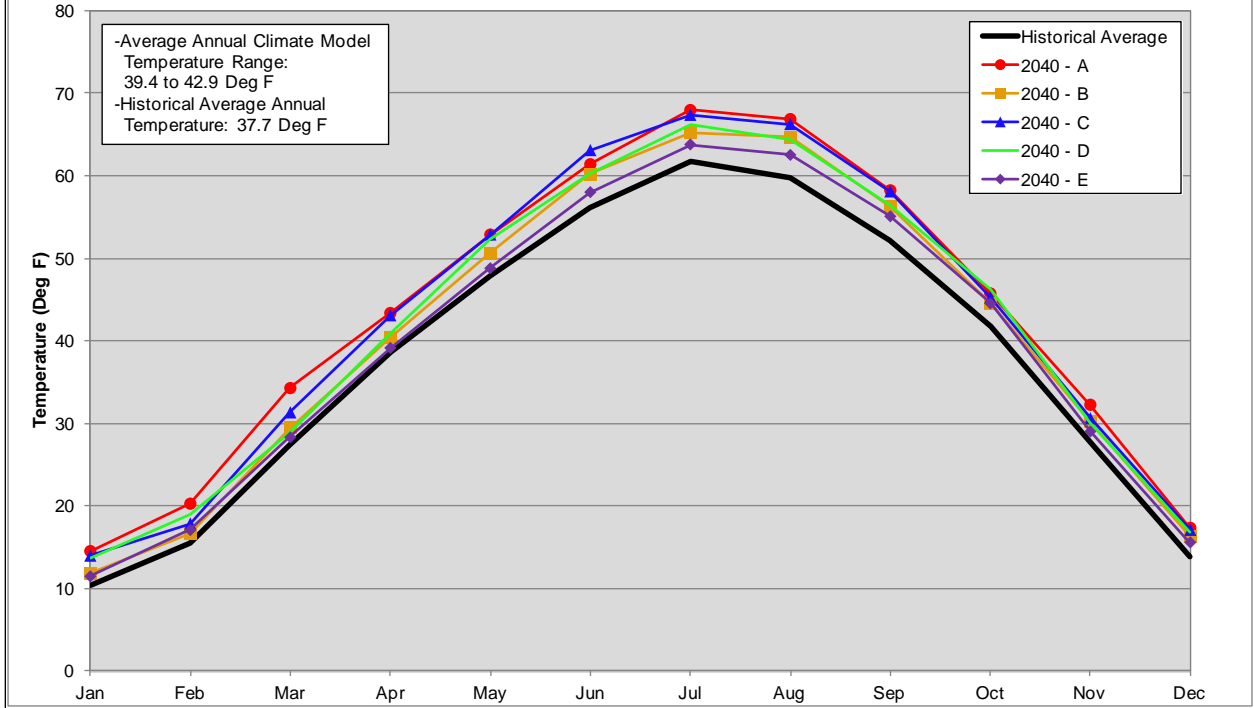


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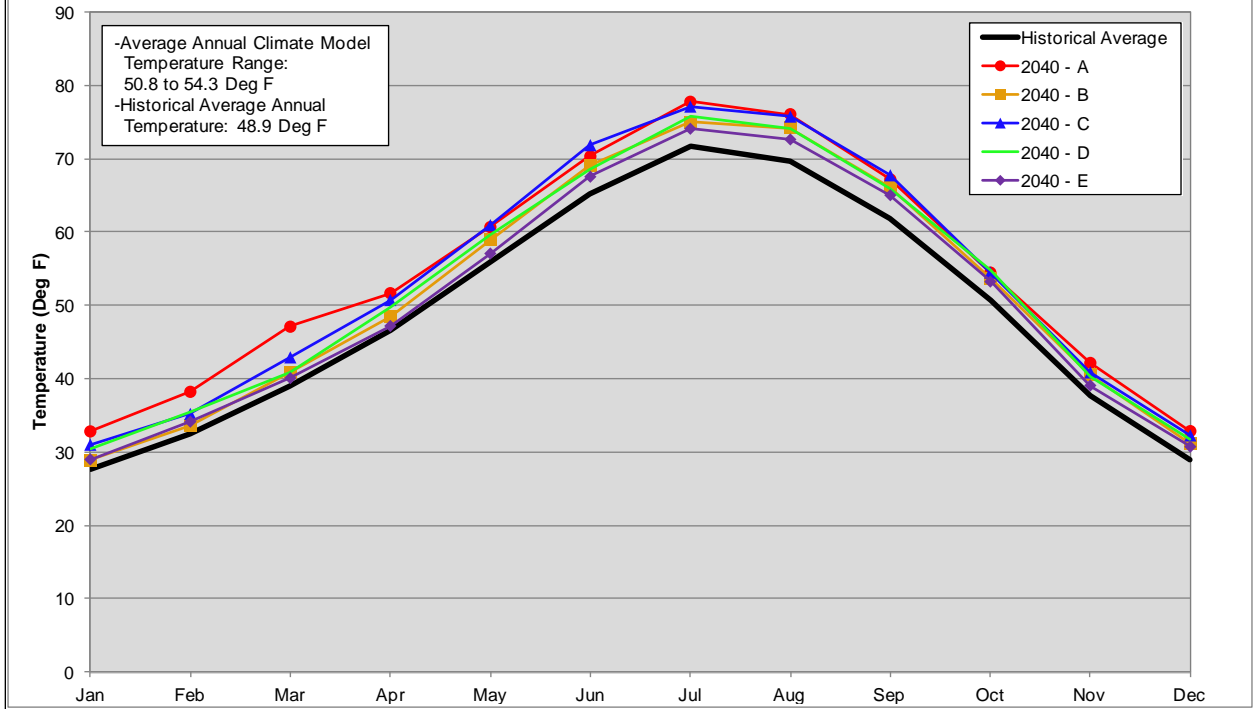




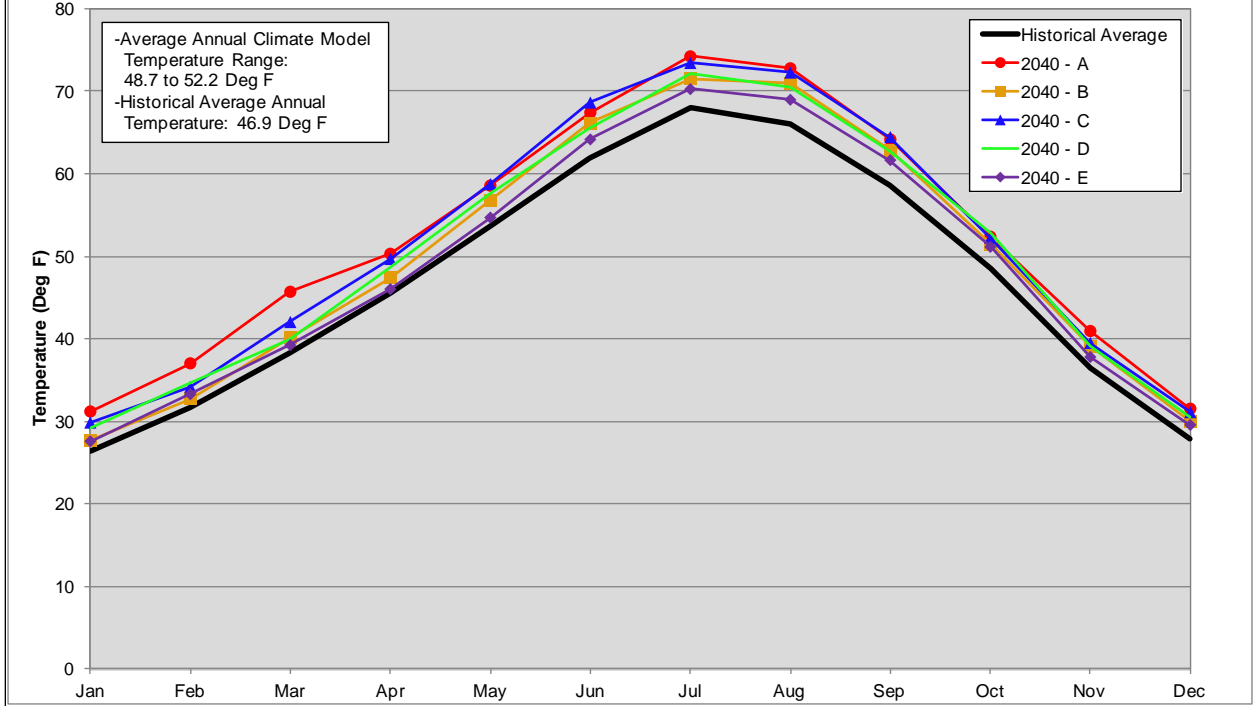
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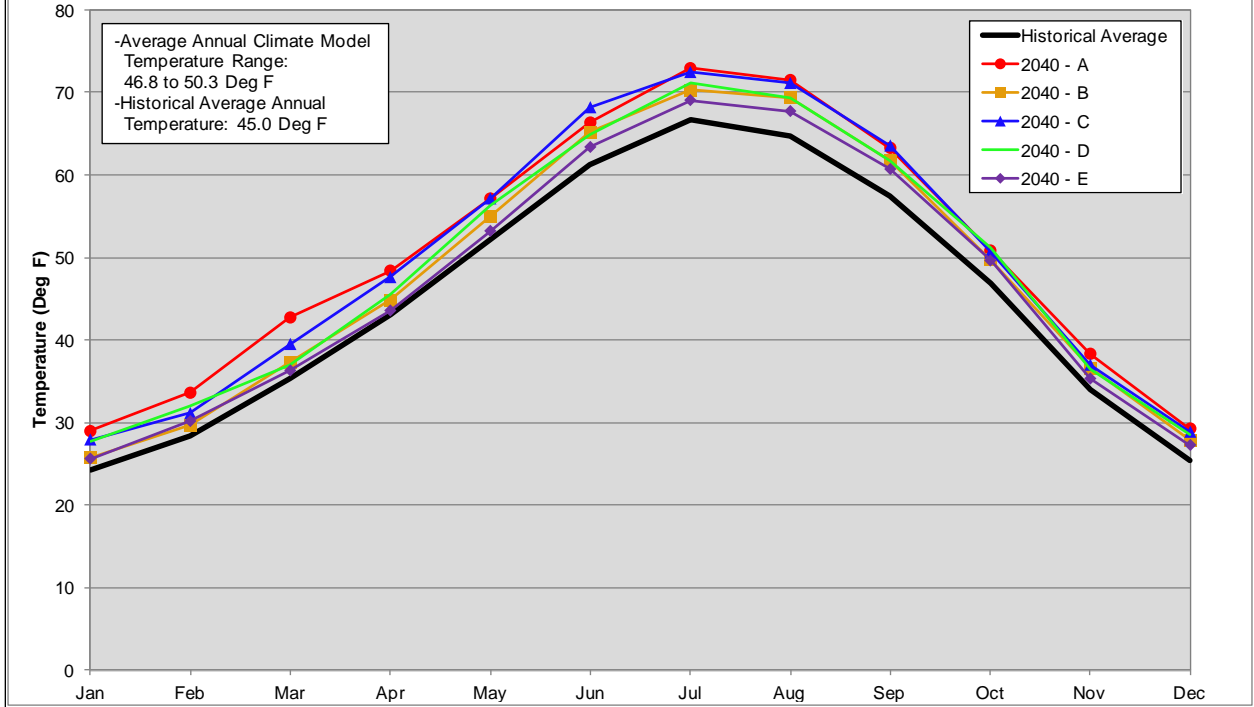
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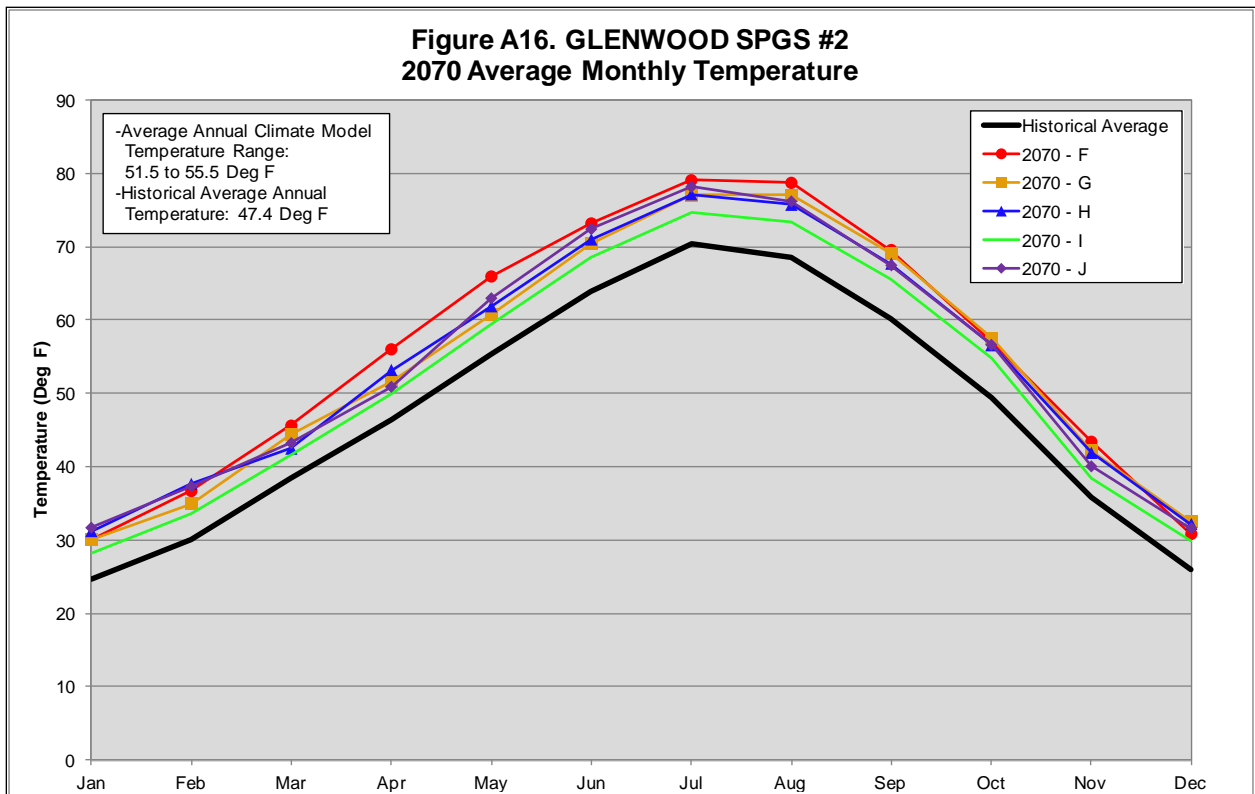
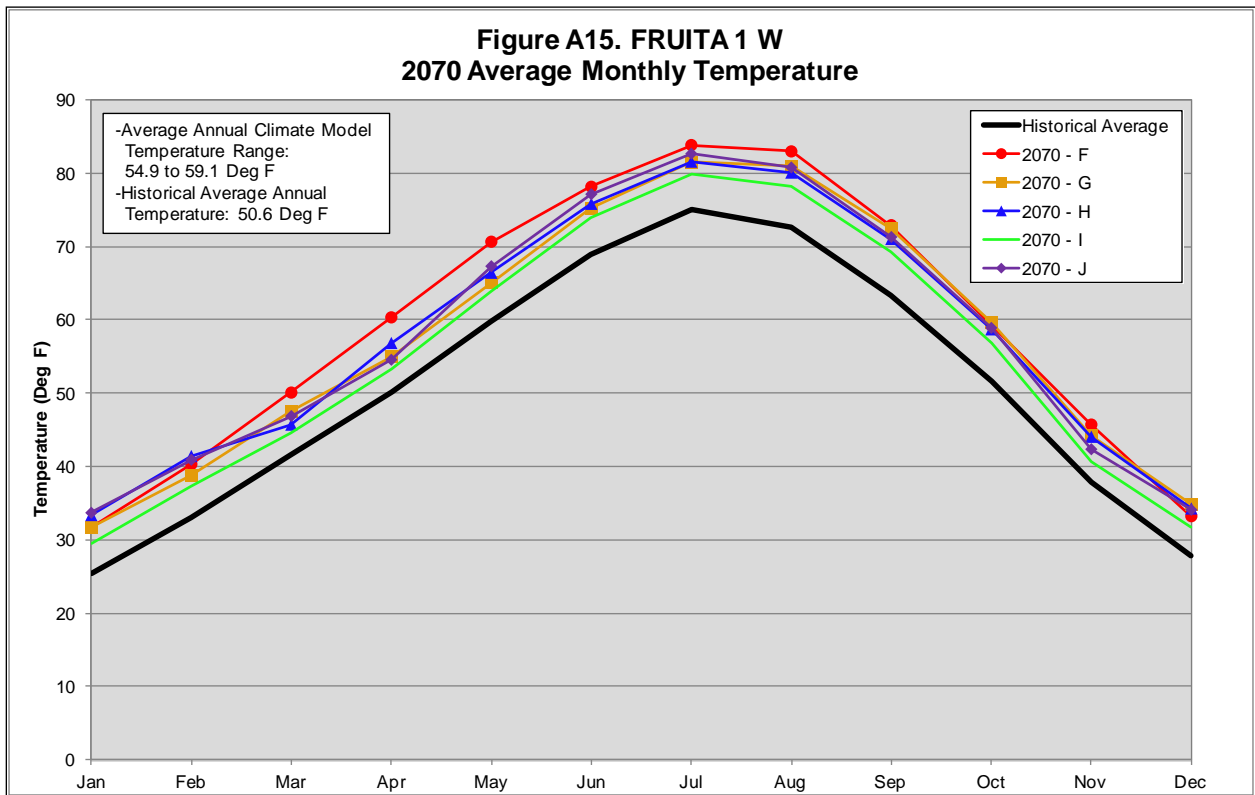


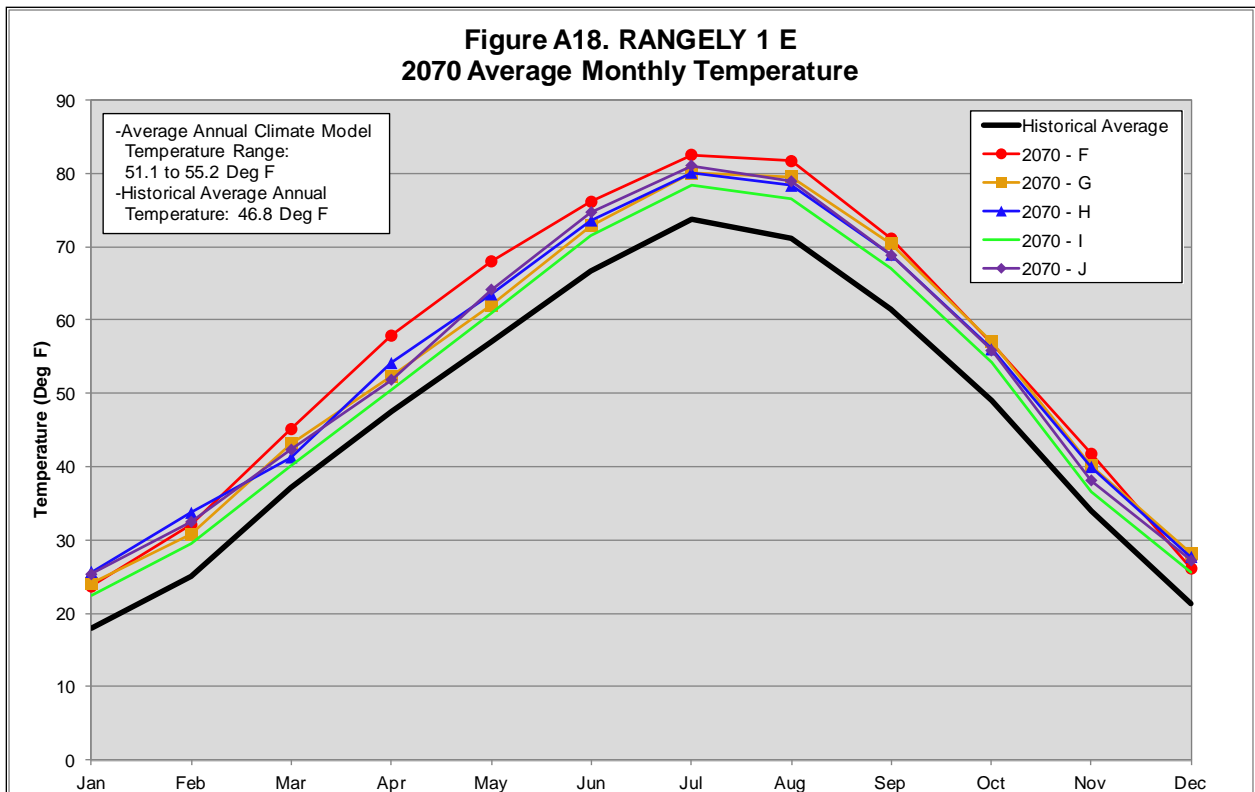
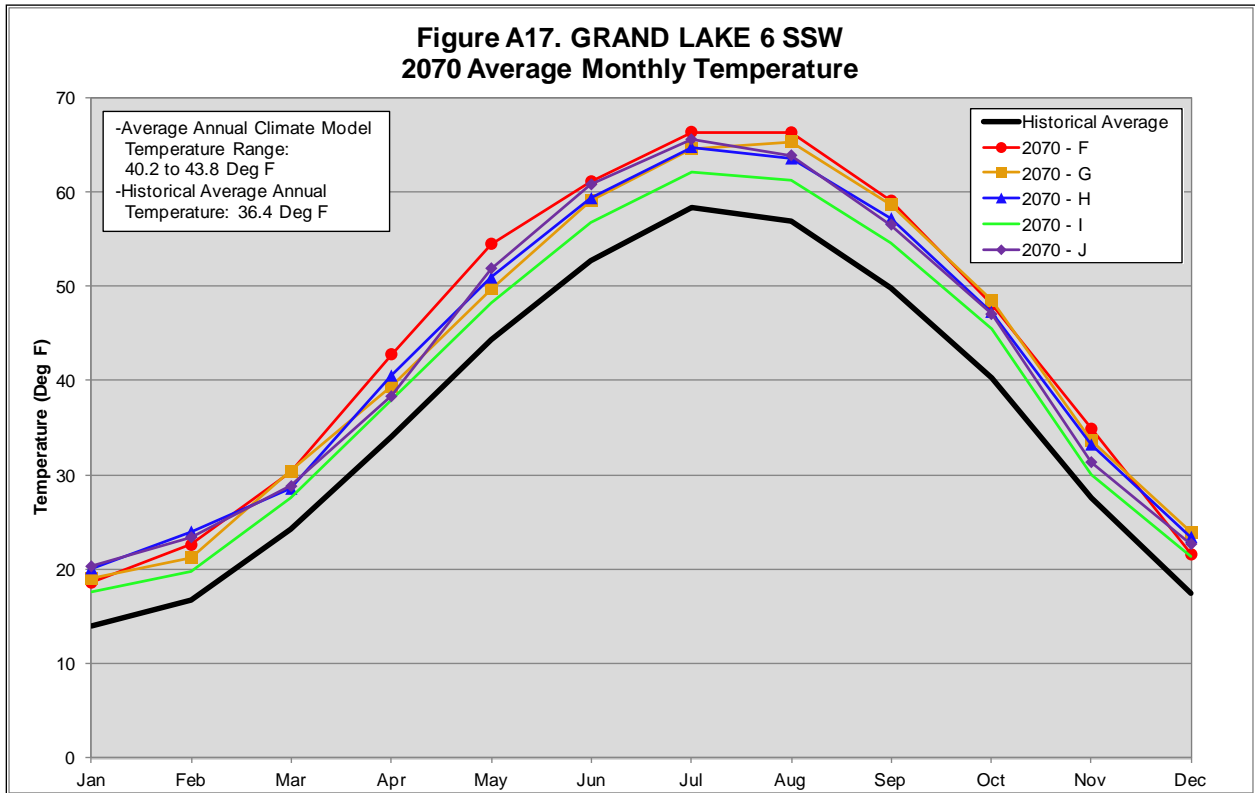
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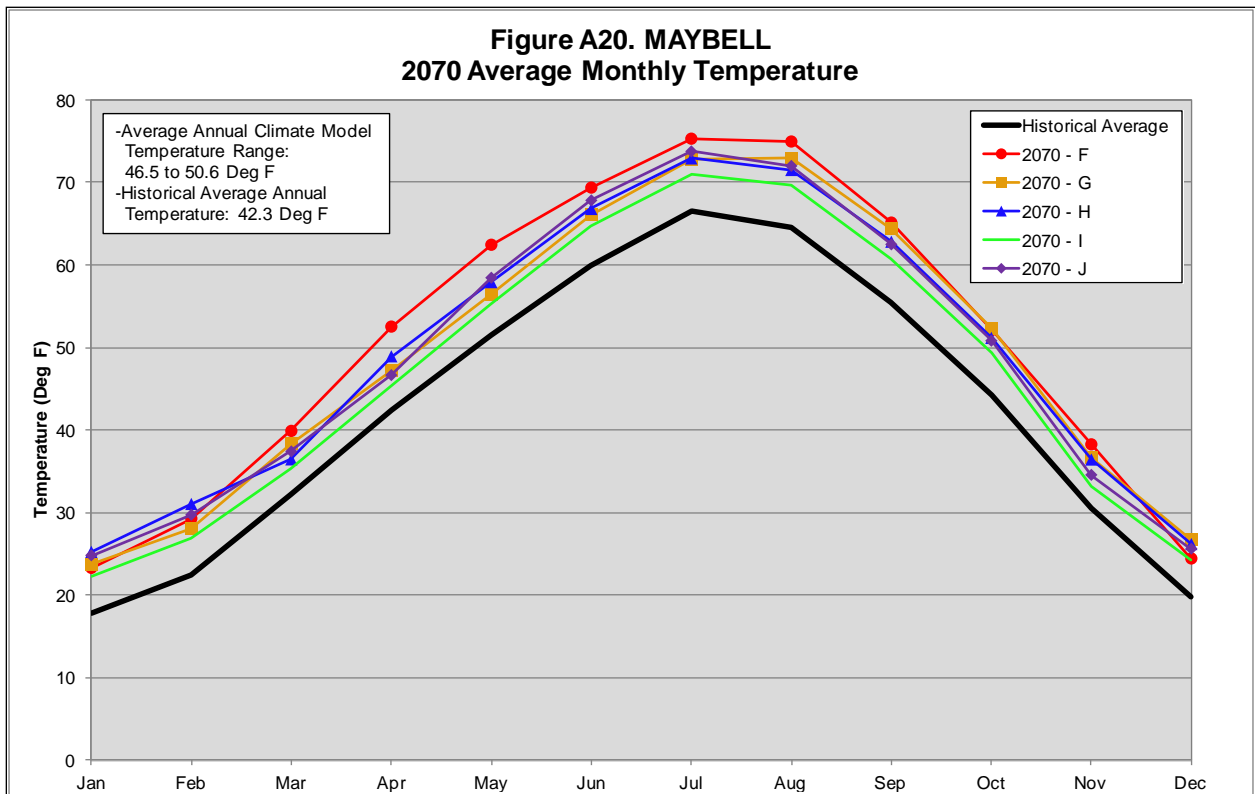
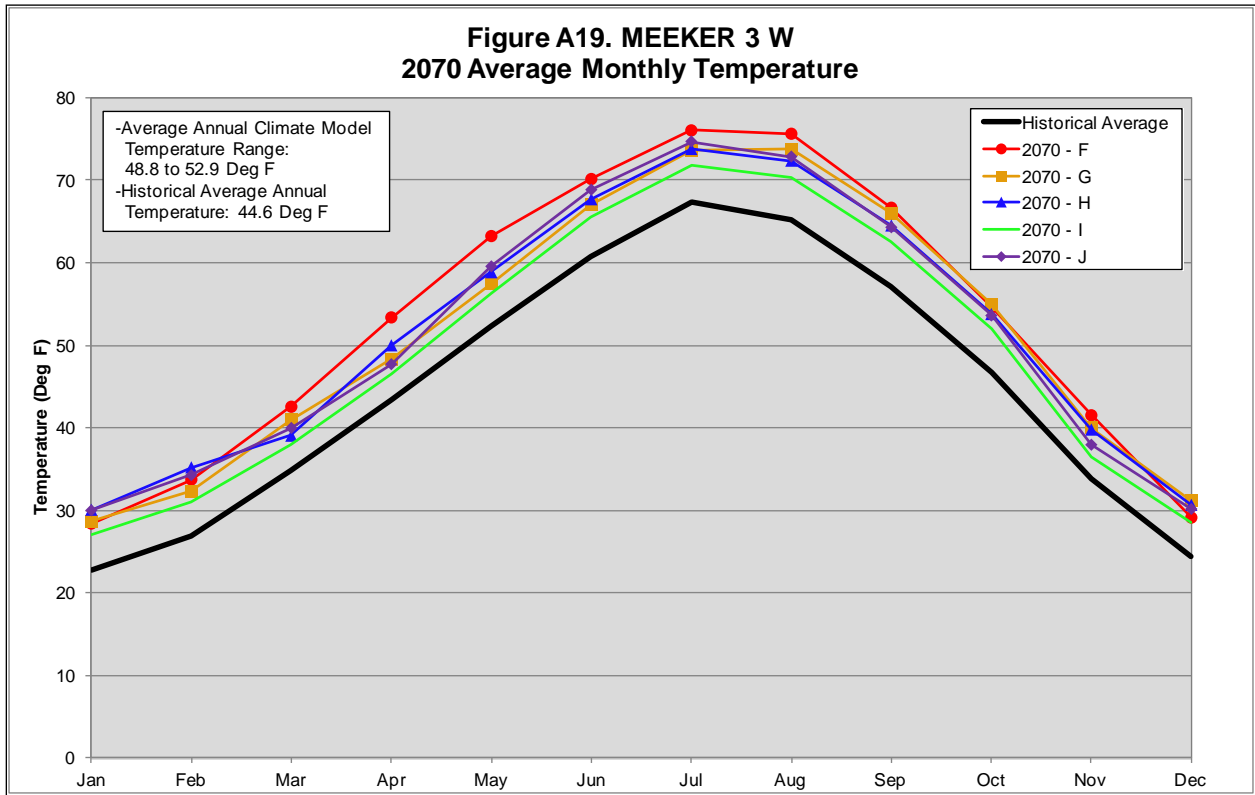


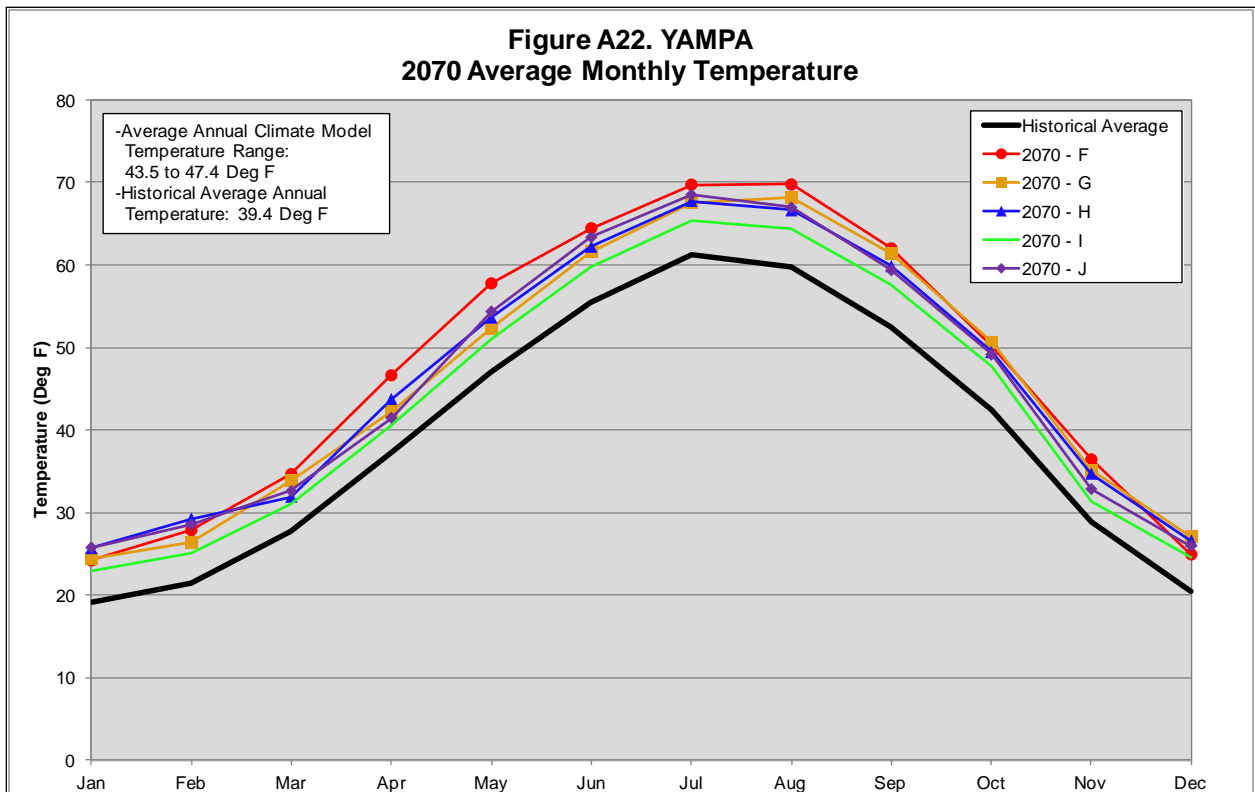
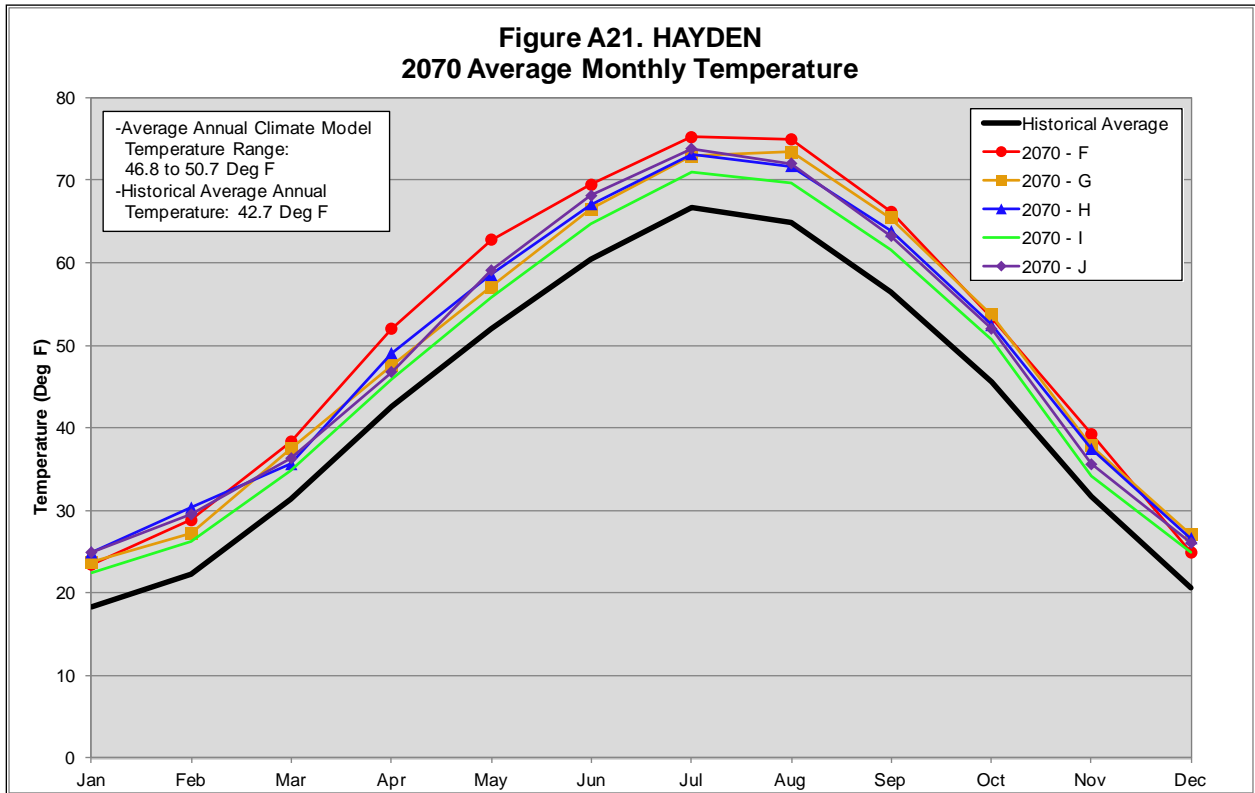
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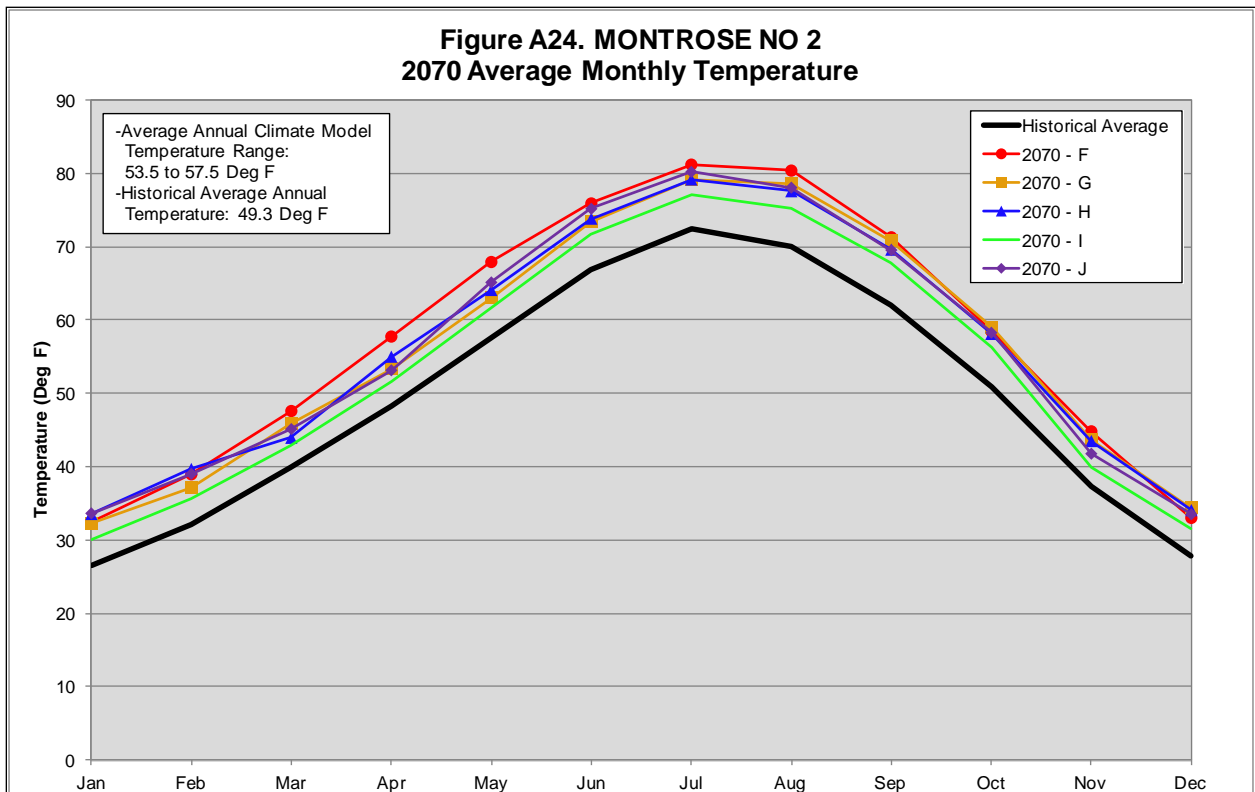
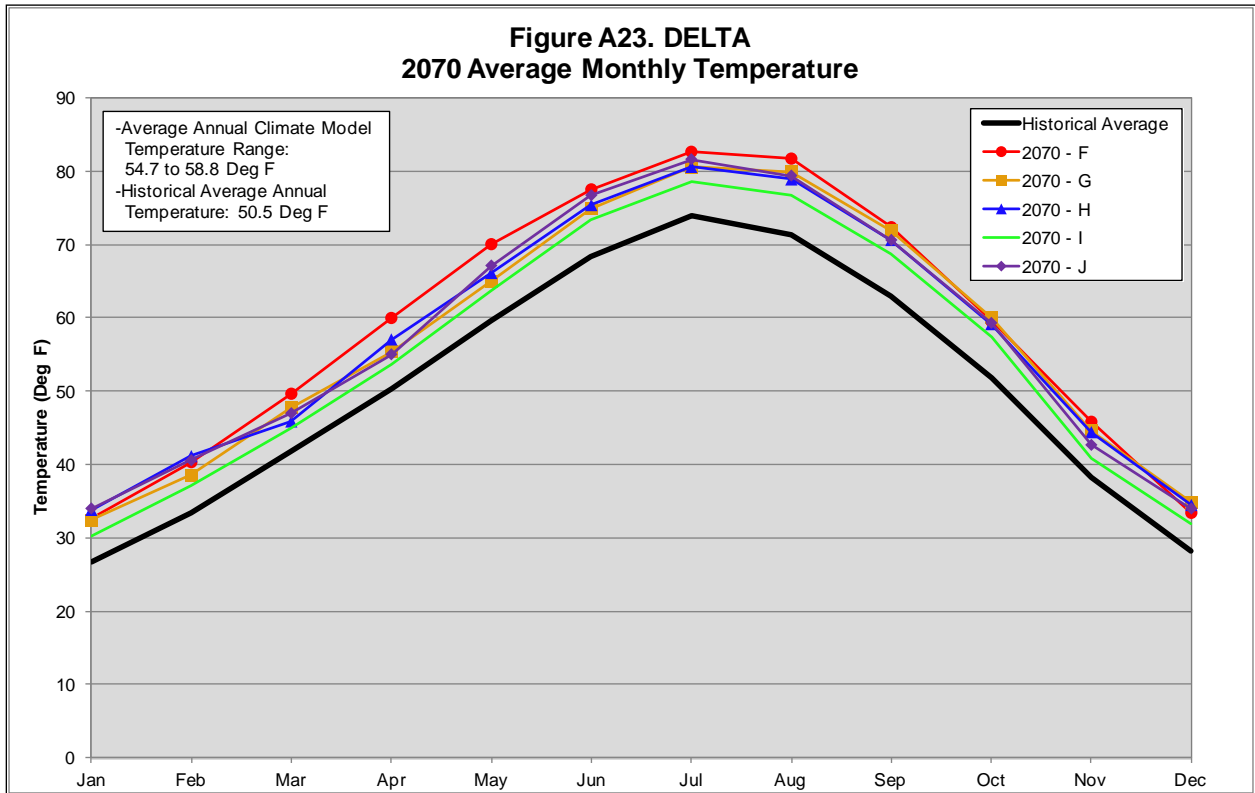




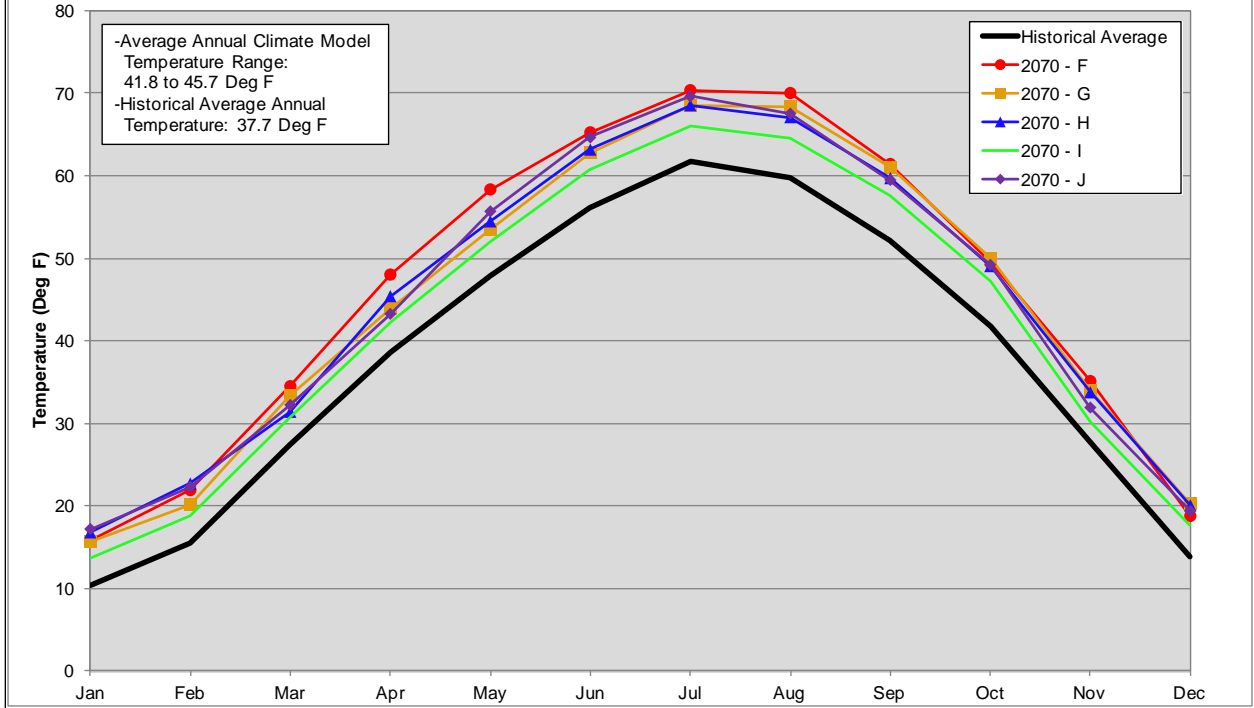




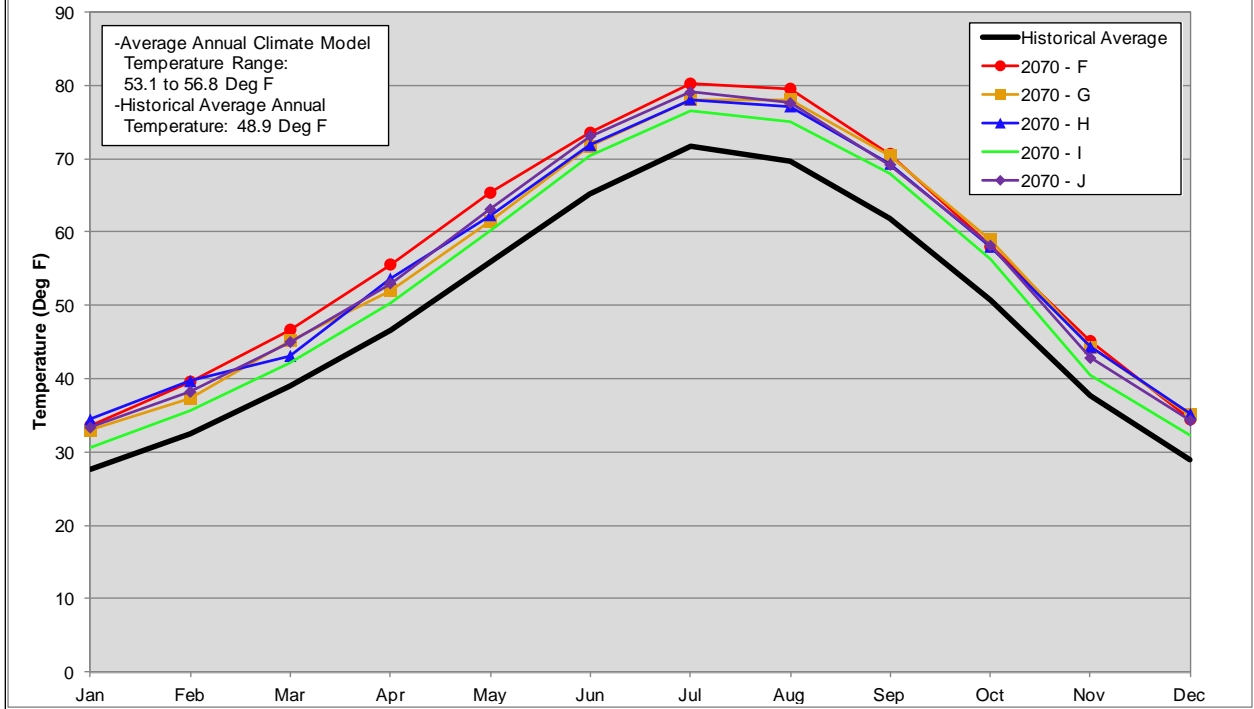




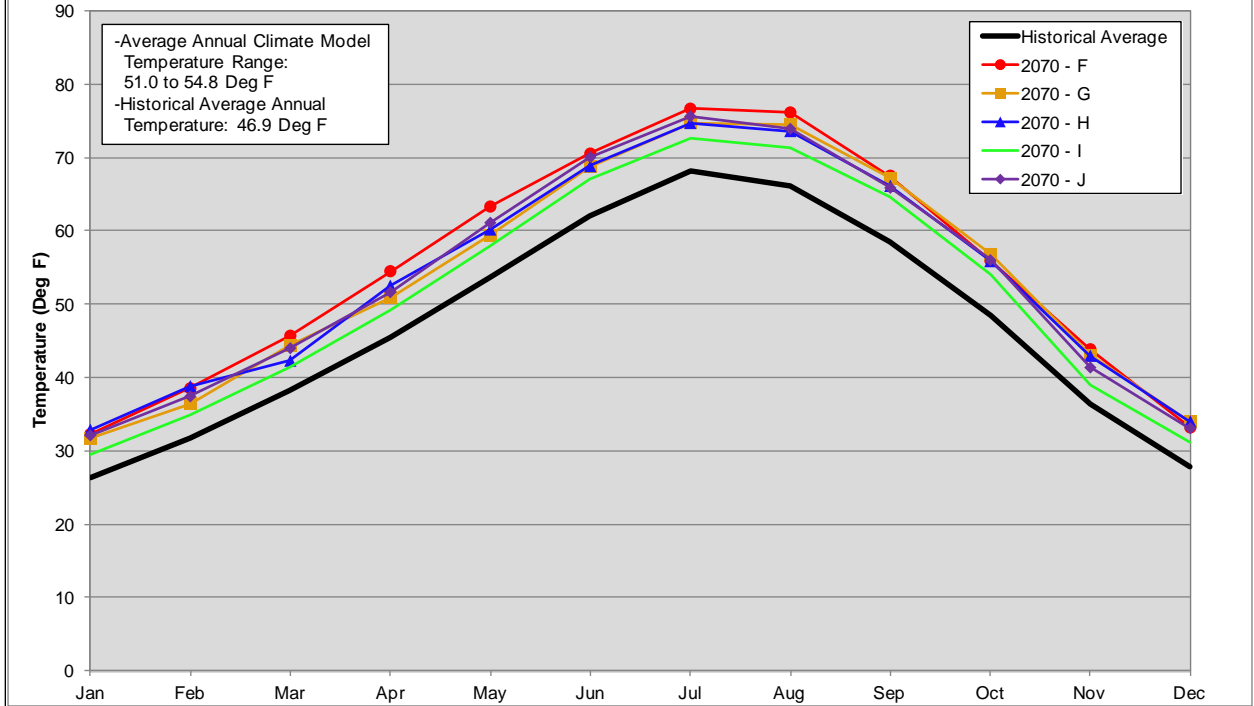
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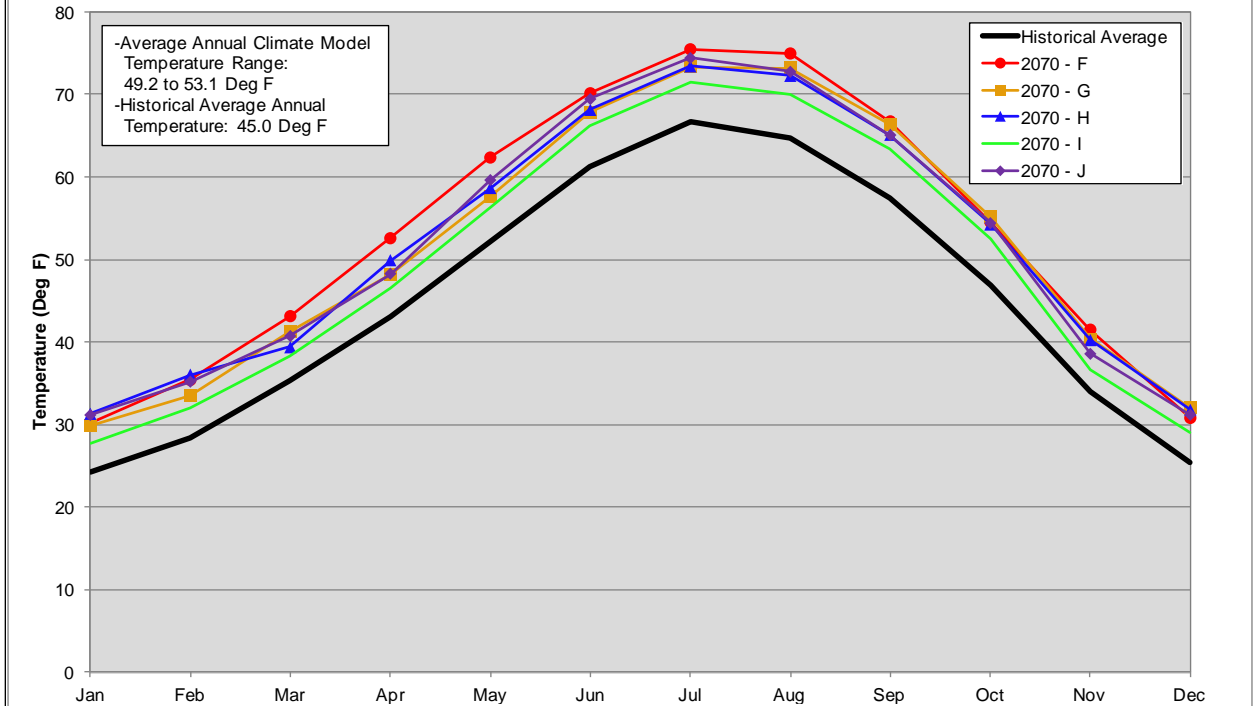
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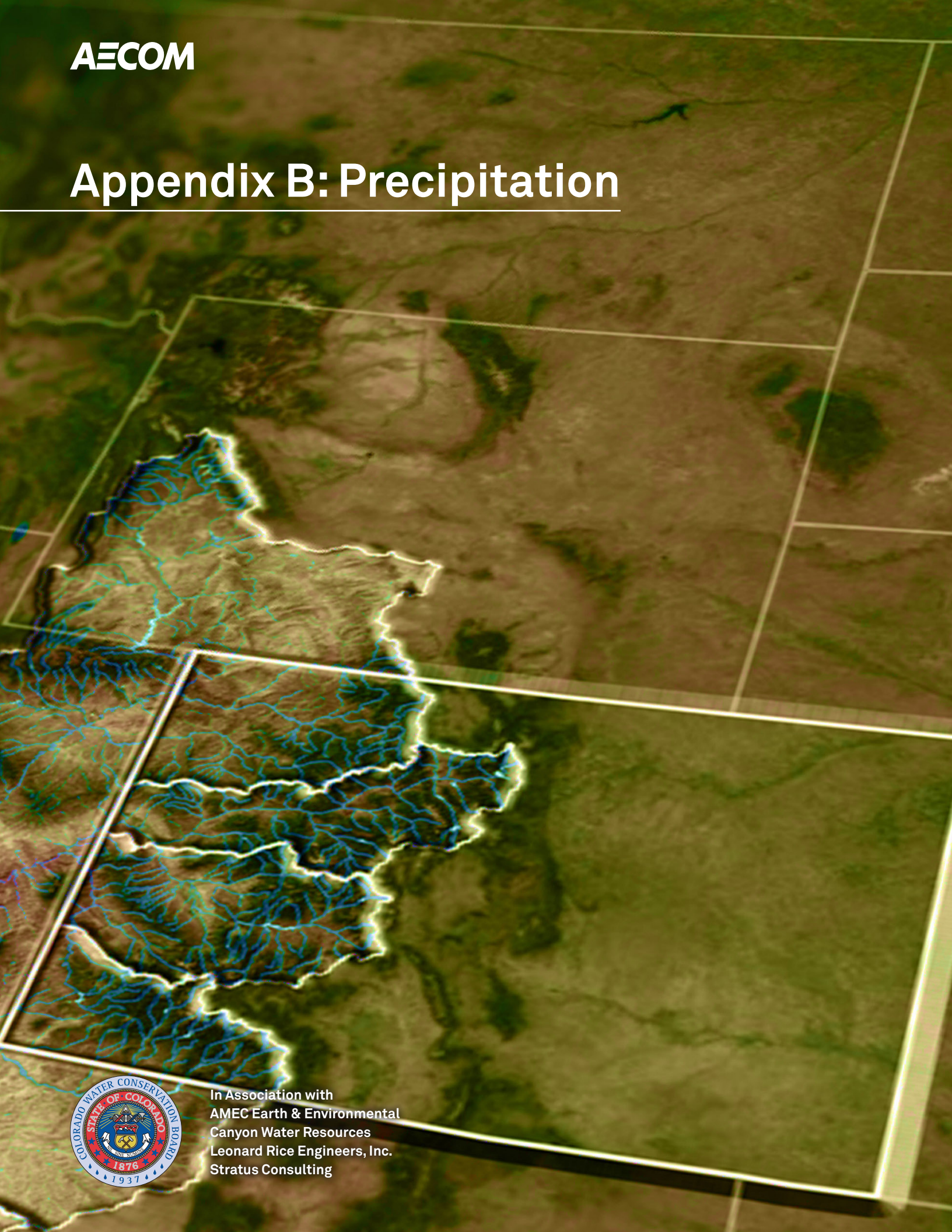
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**Figure A28. NORWOOD
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Appendix B: Precipitation



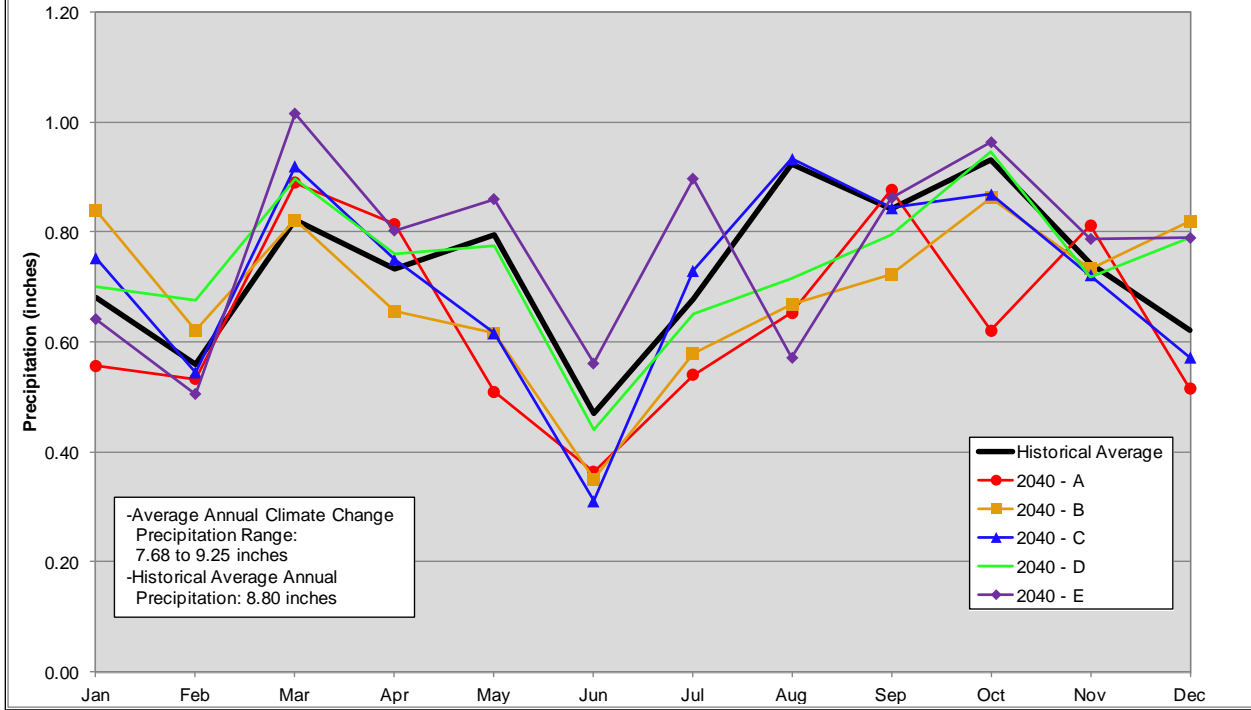
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B. Precipitation

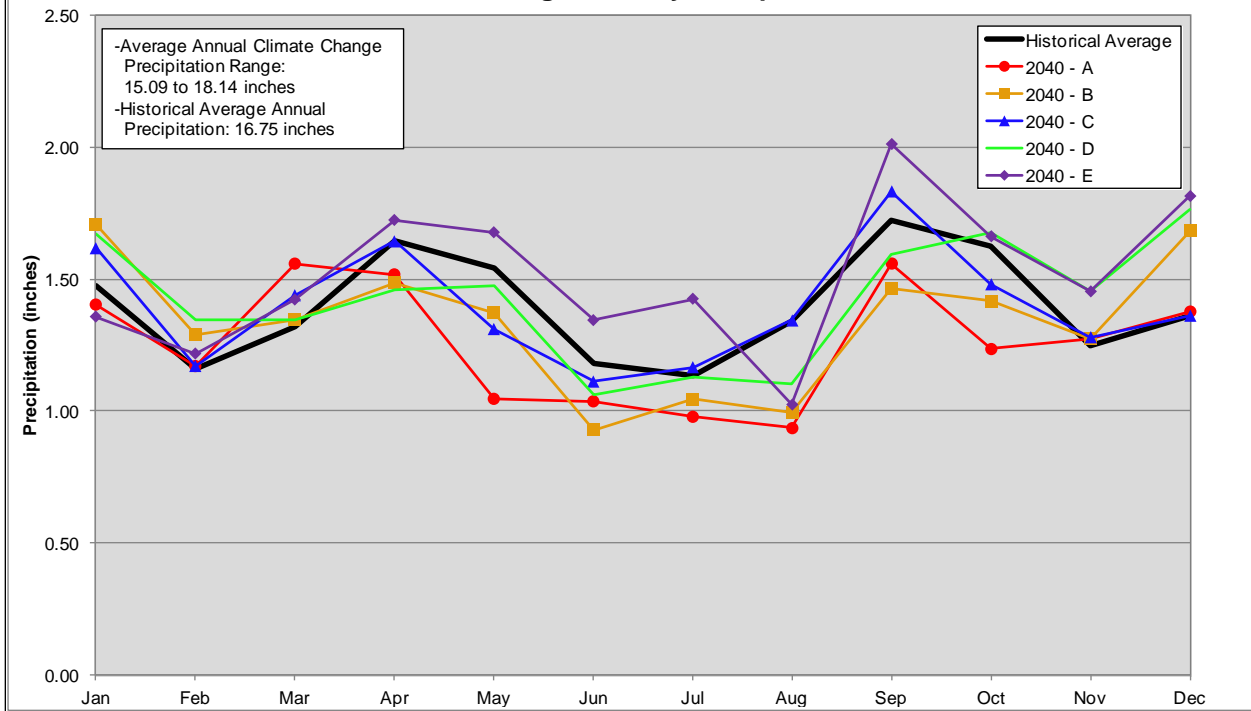
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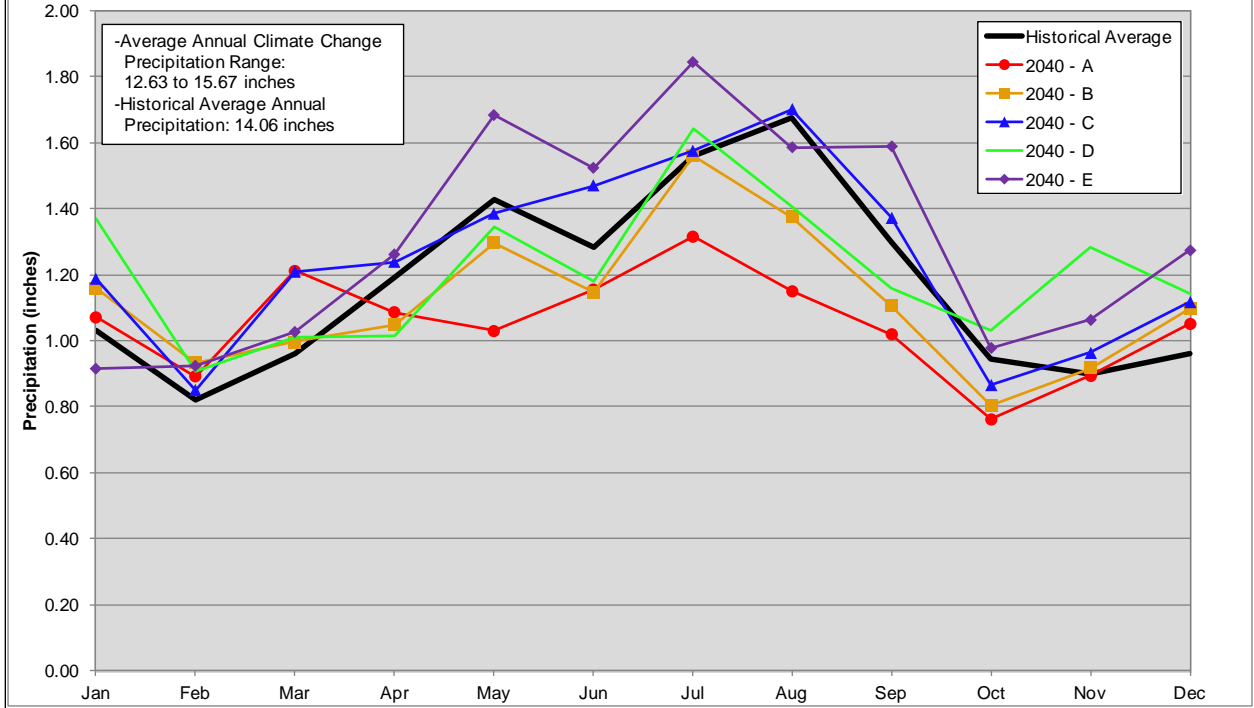
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2040 Average Monthly Precipitation**



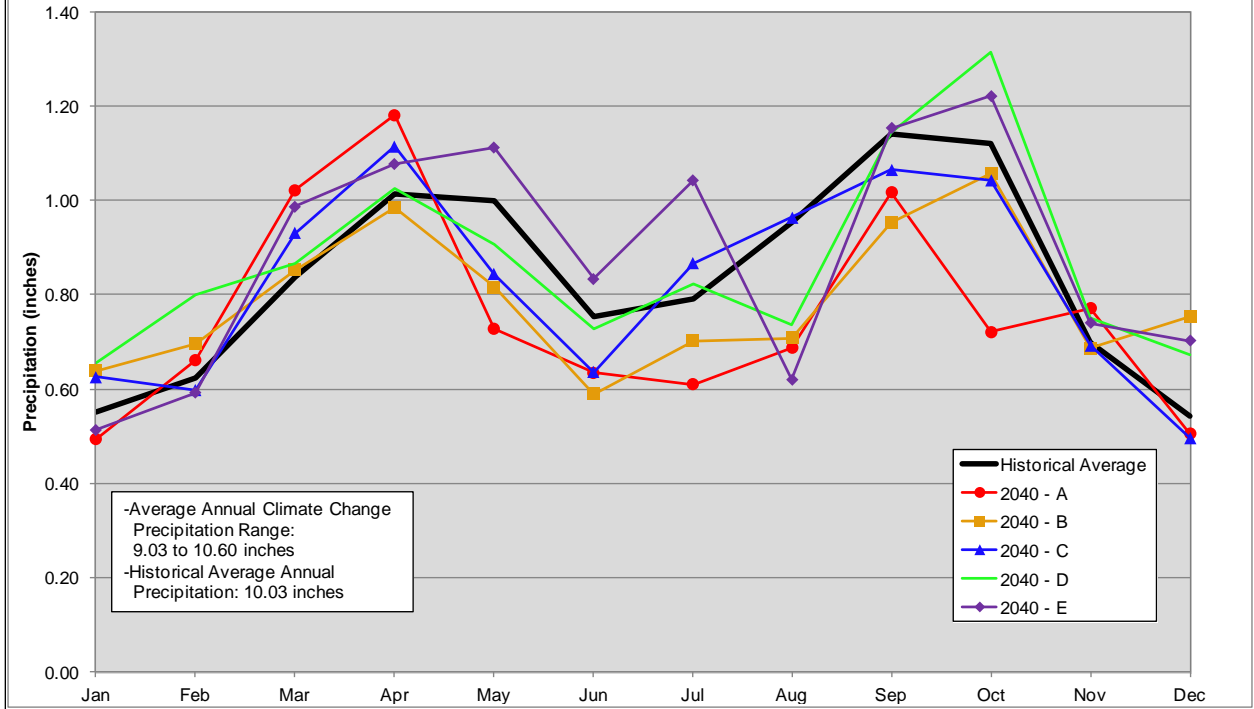
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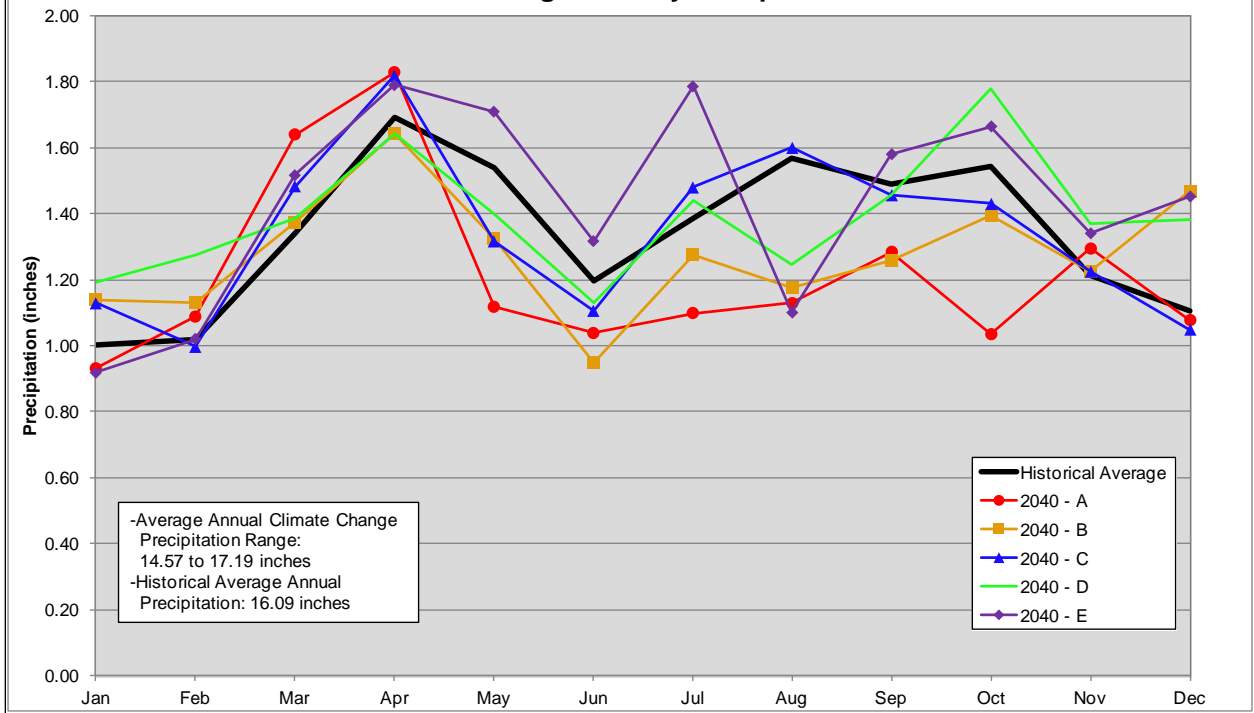
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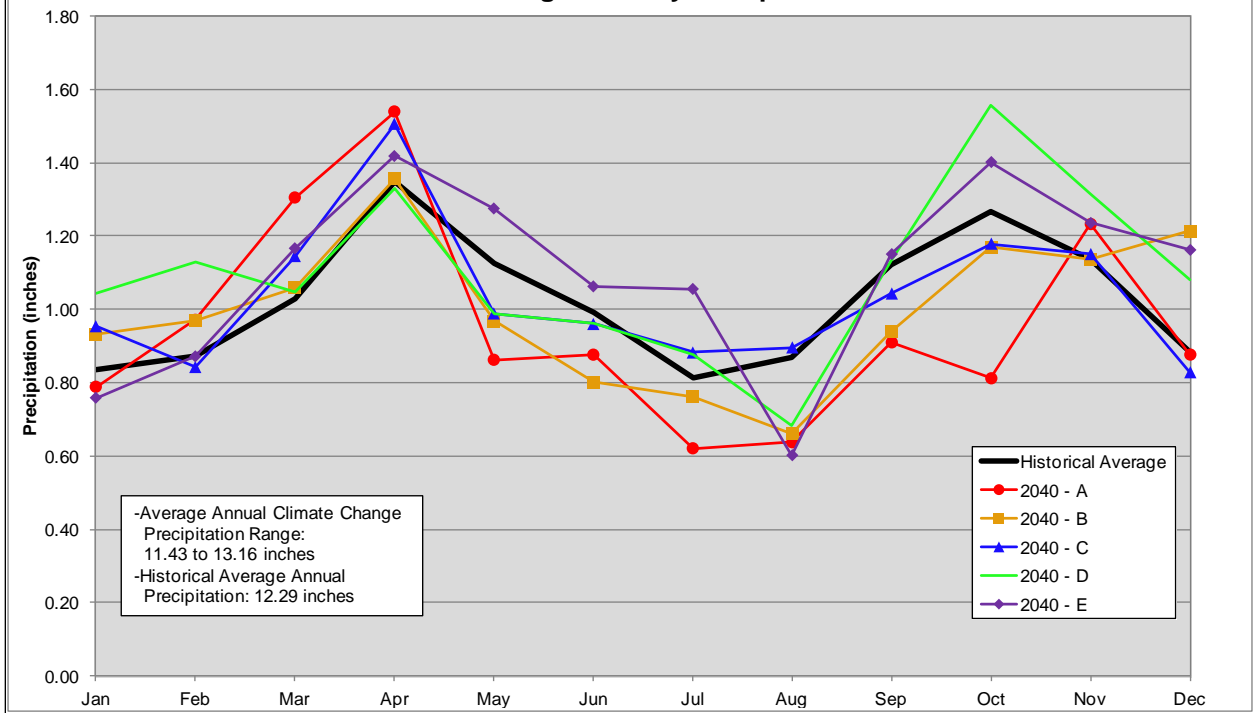
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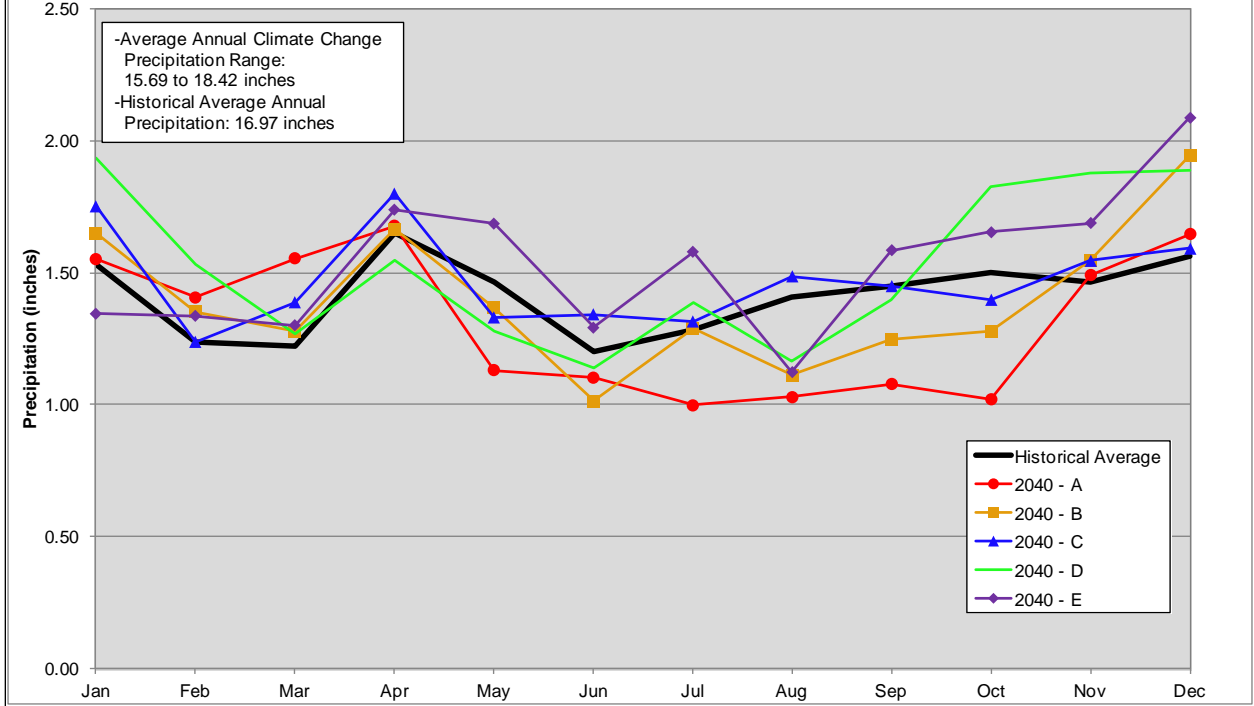
**Figure B5. MEEKER 3 W
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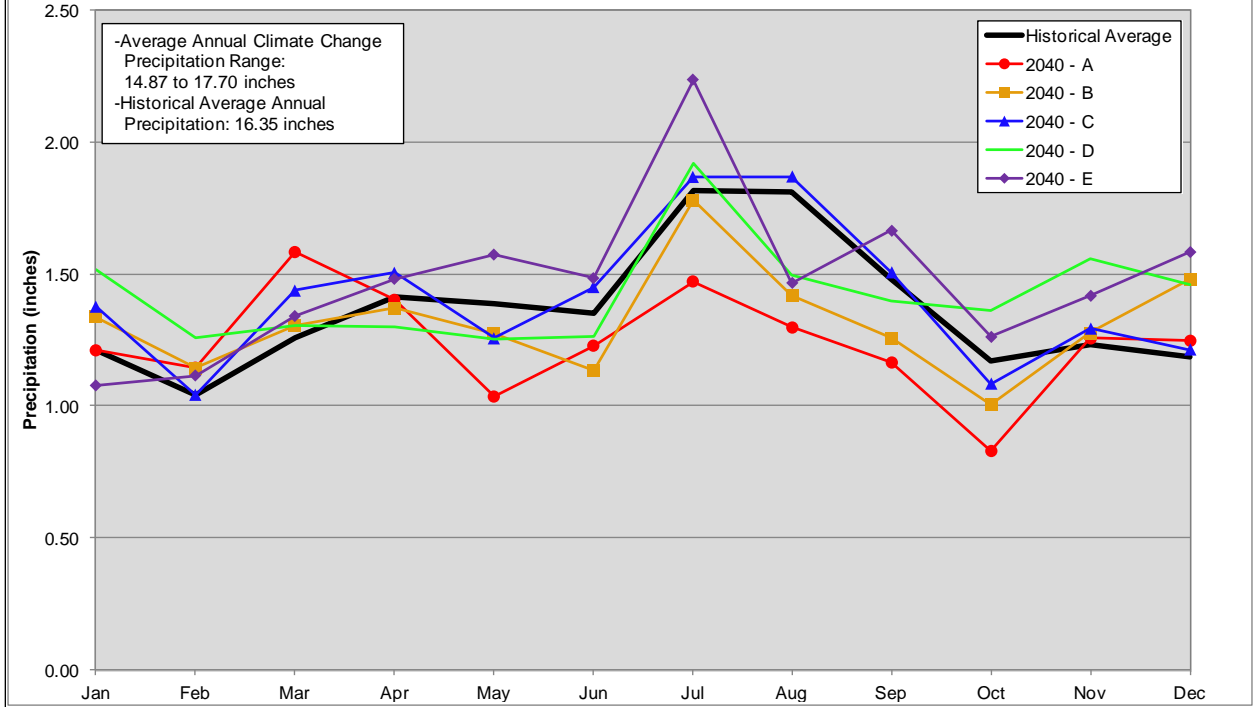
**Figure B6. MAYBELL
2040 Average Monthly Precipitation**



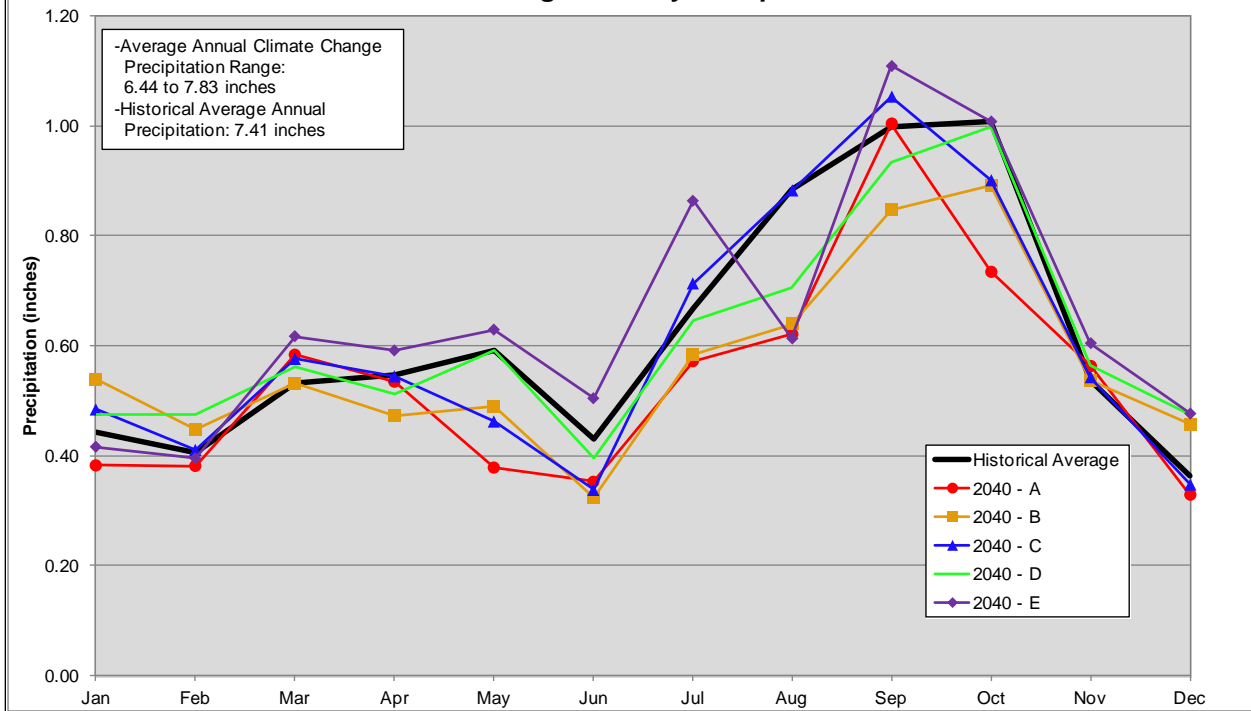
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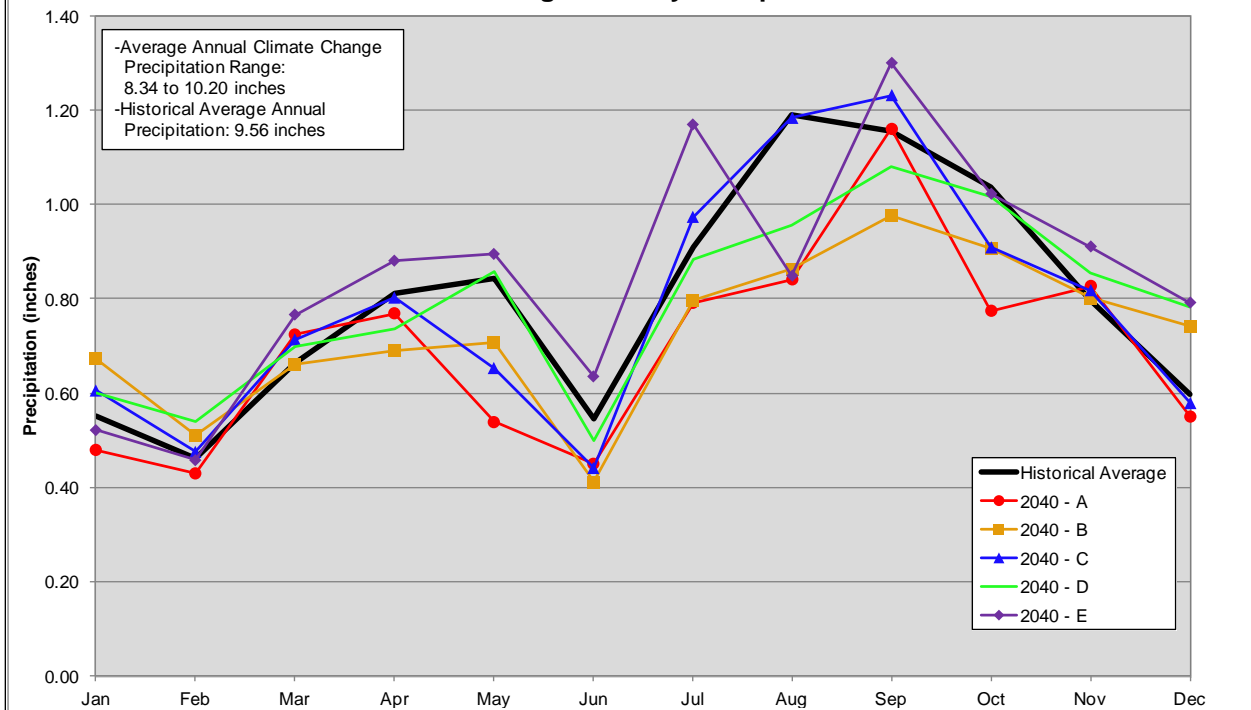
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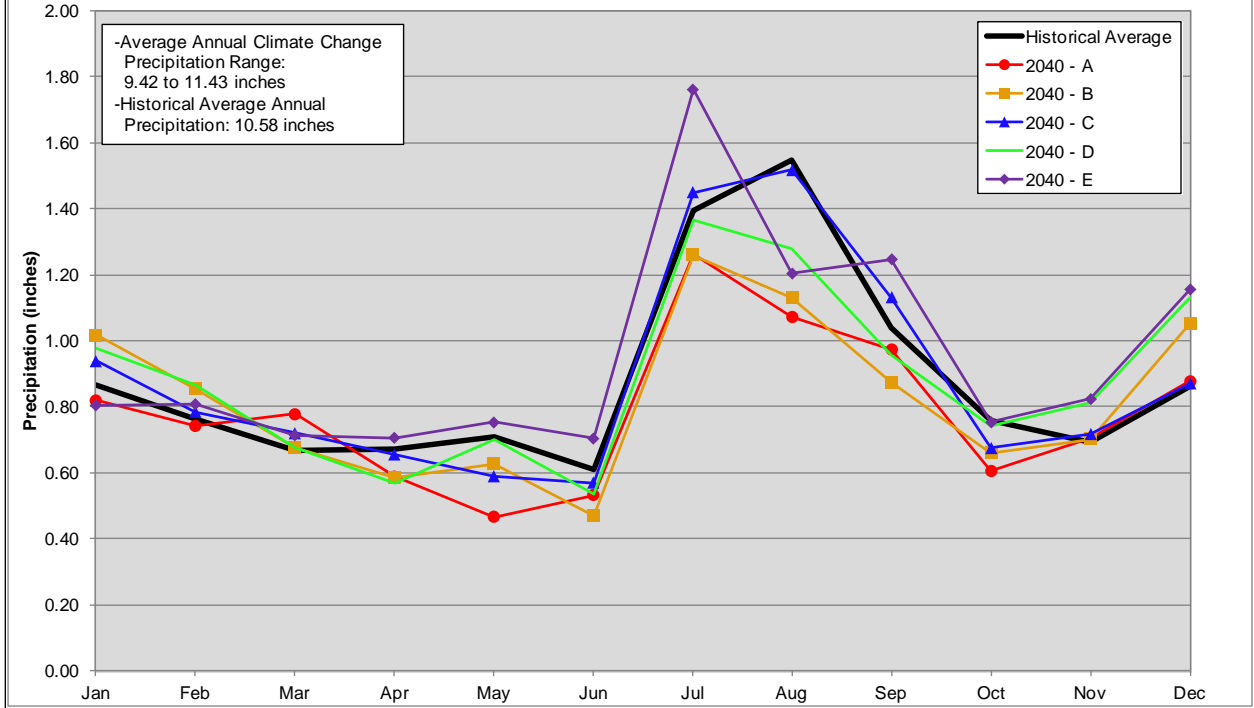
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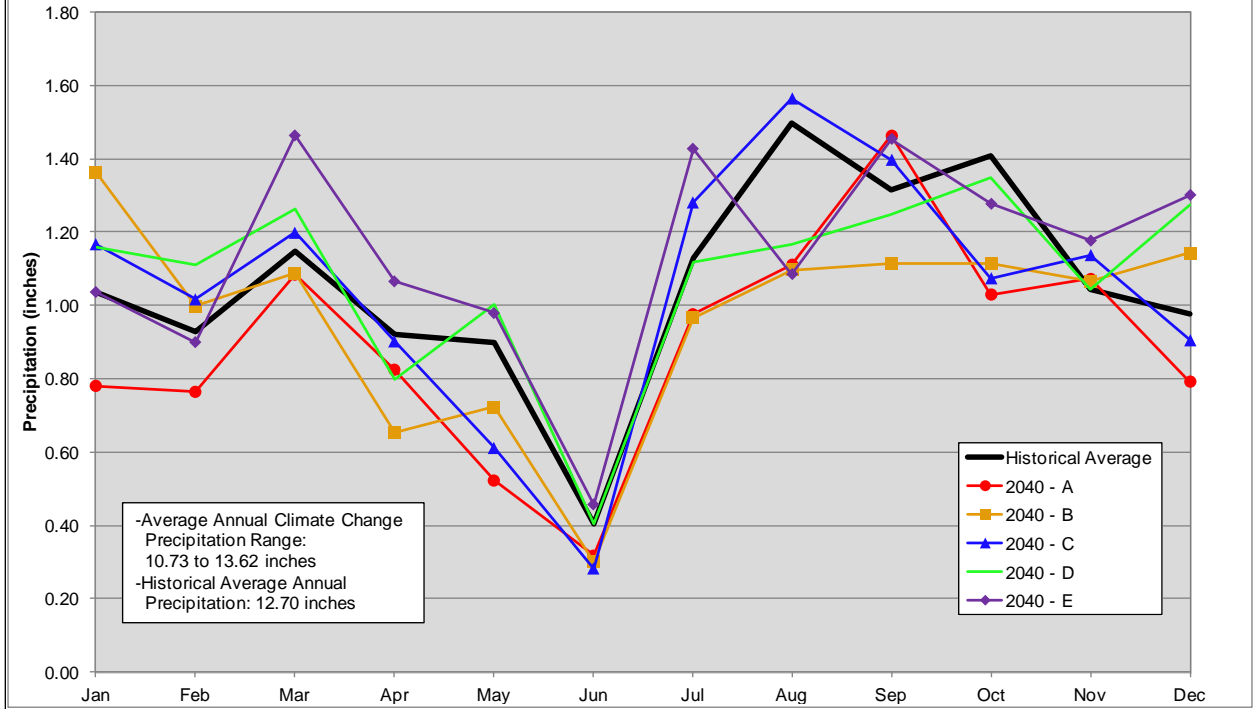
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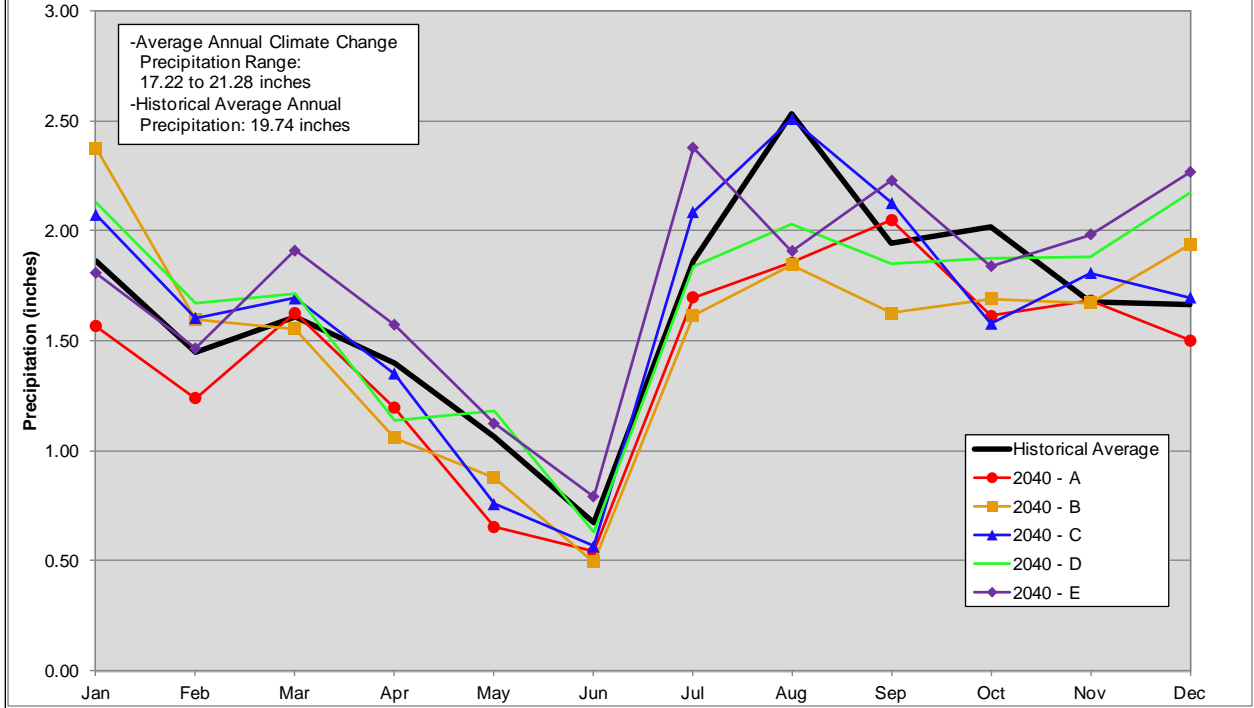
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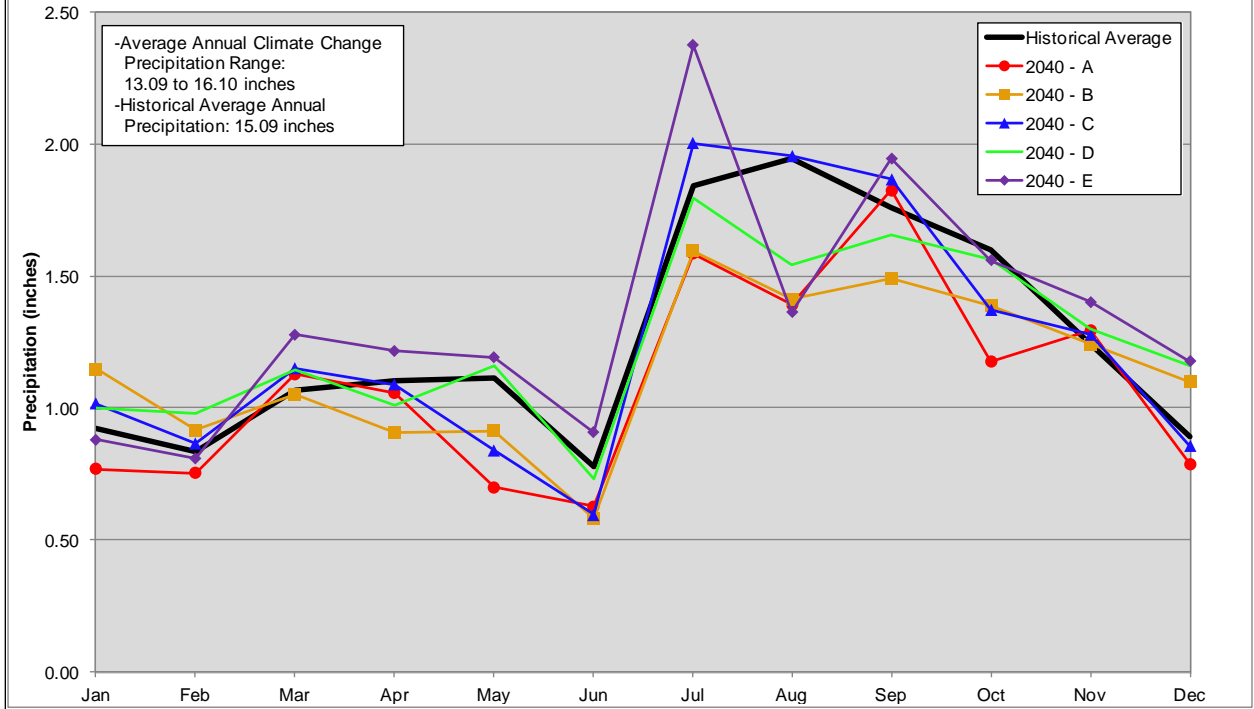
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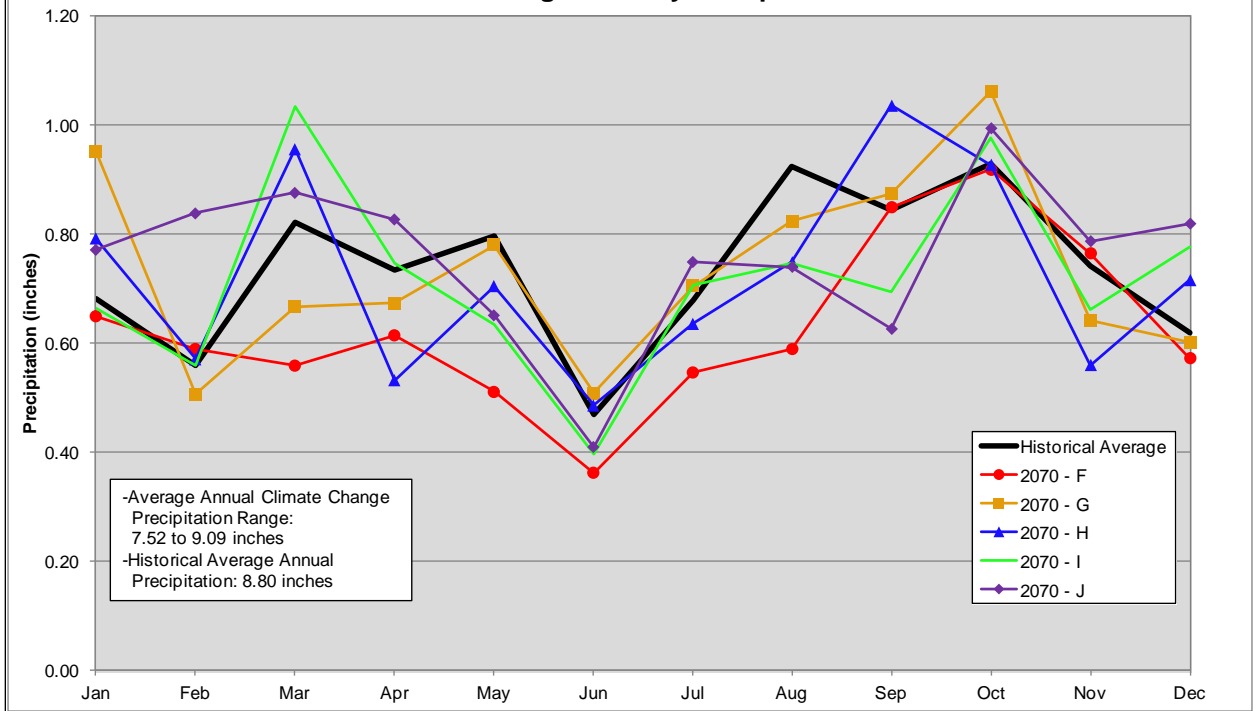
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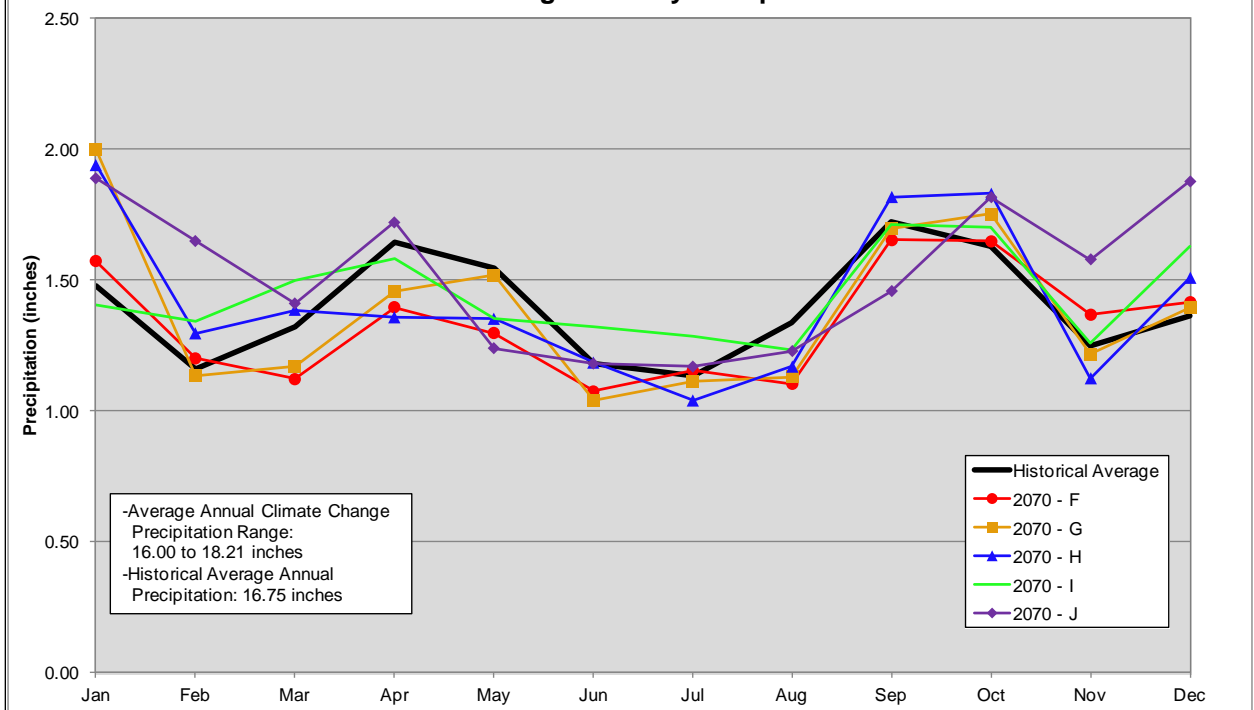
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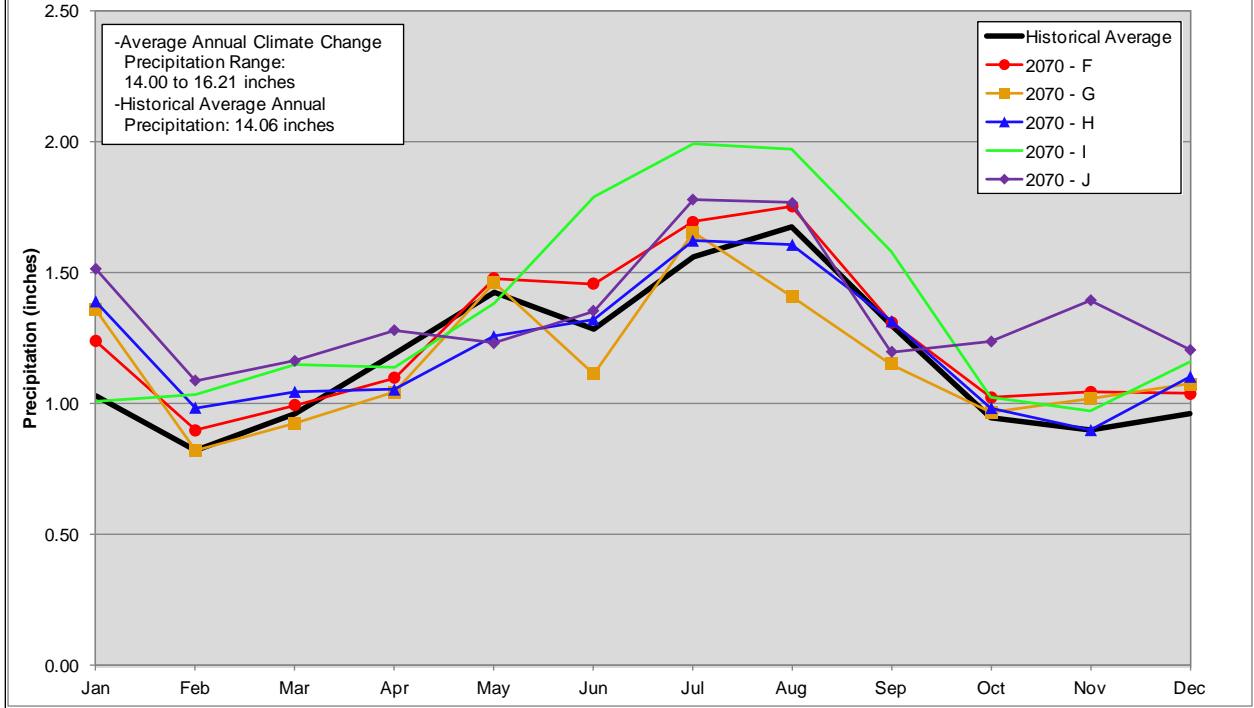
**Figure B15. FRUITA 1 W
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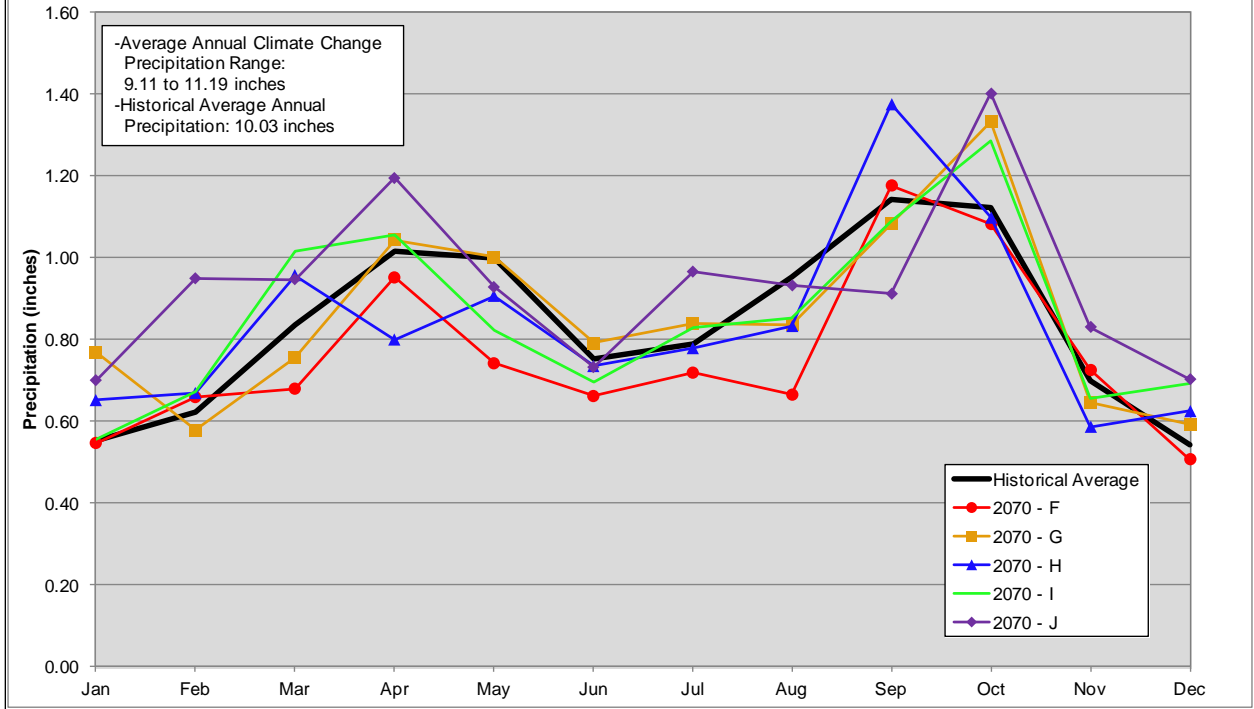
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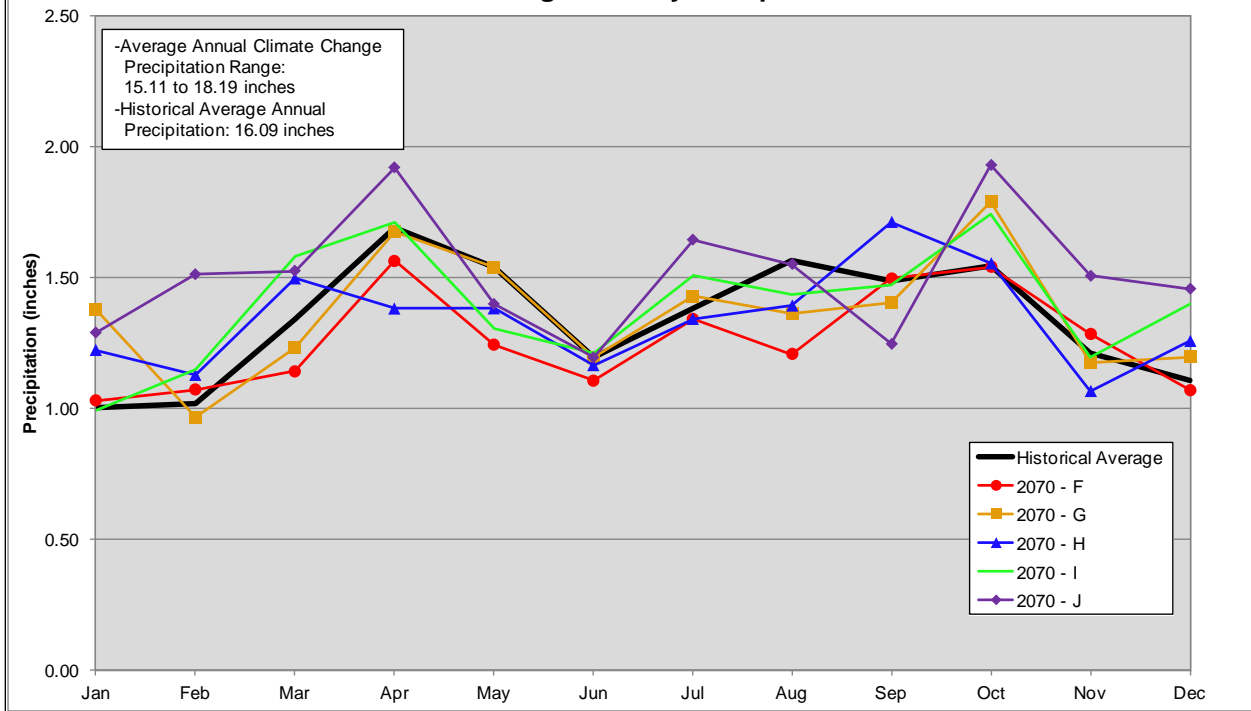
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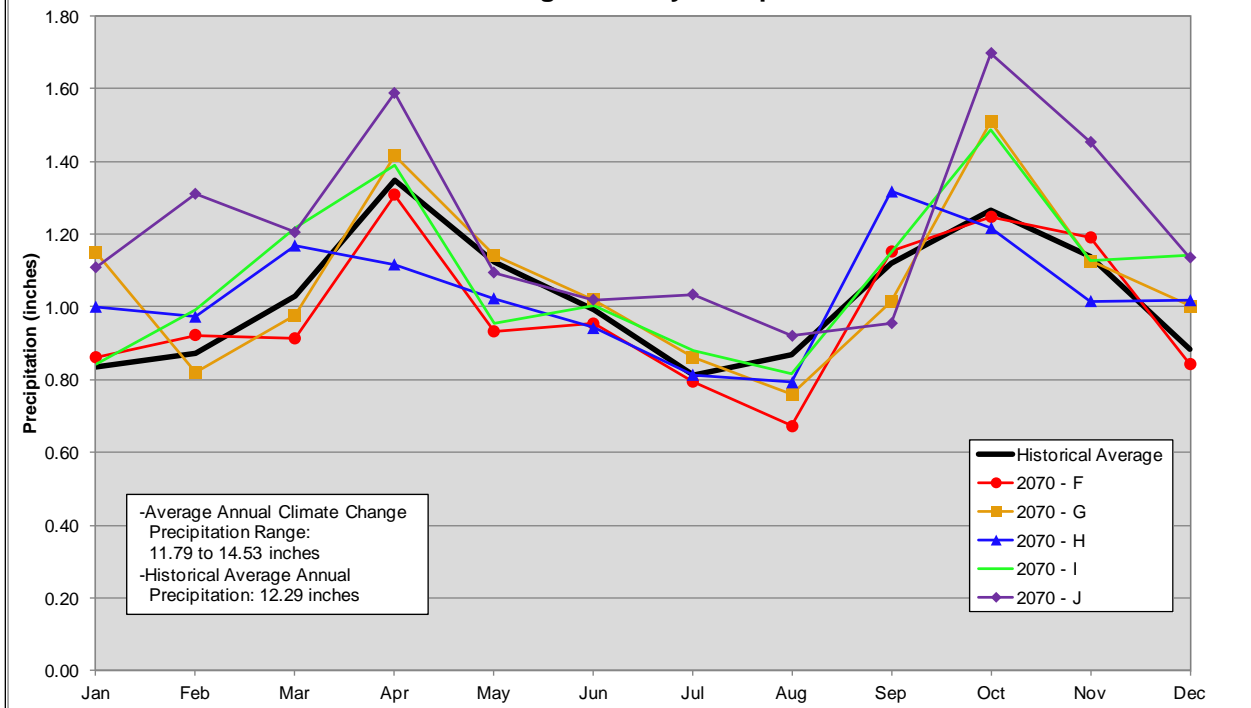
**Figure B18. RANGELY 1 E
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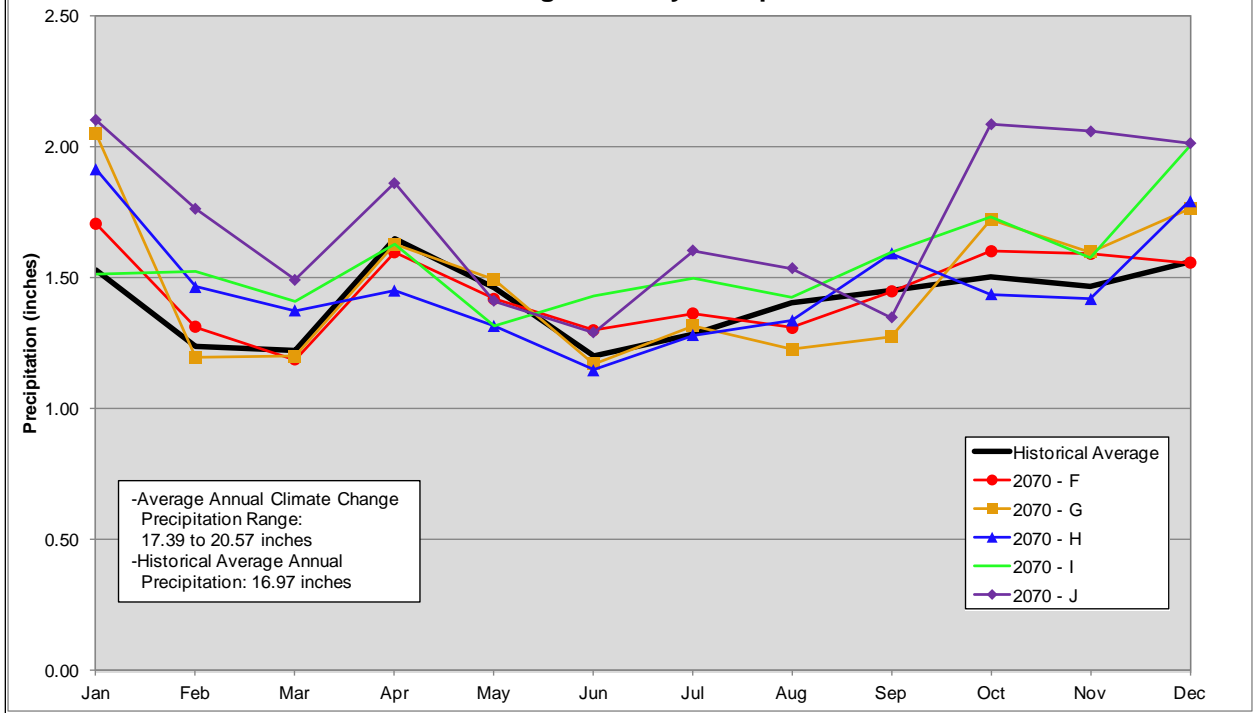
**Figure B19. MEEKER 3 W
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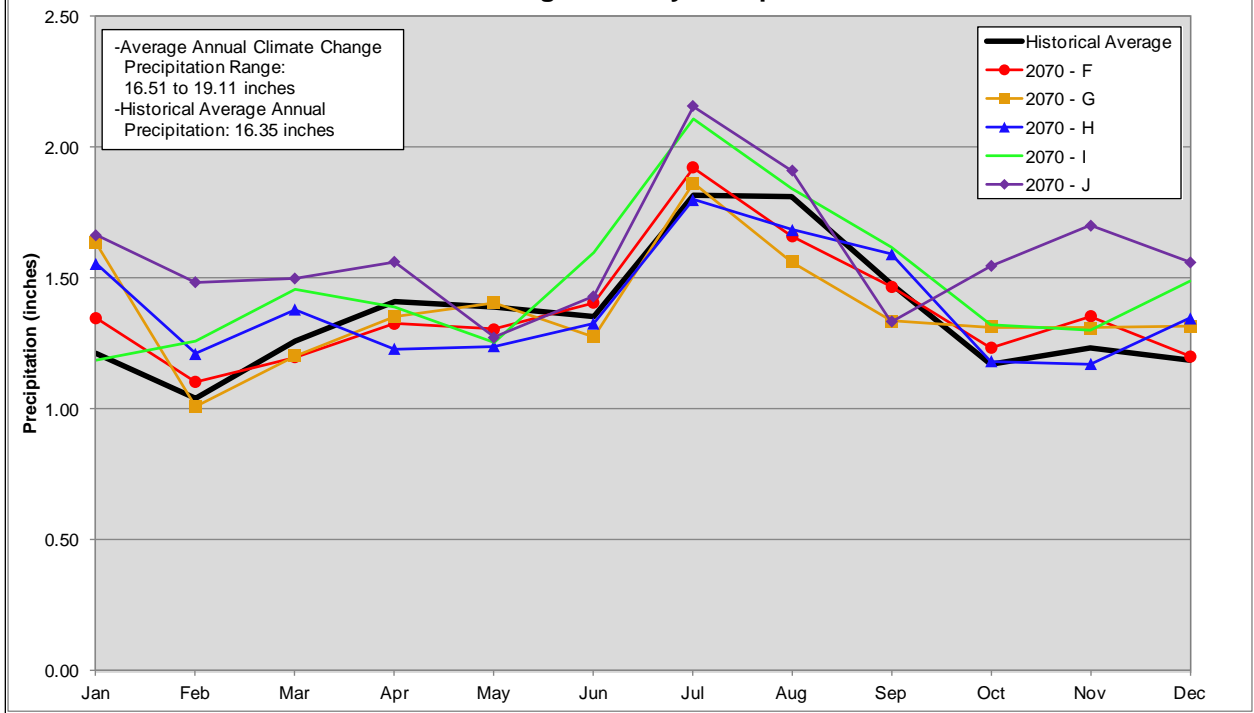
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2070 Average Monthly Precipitation**



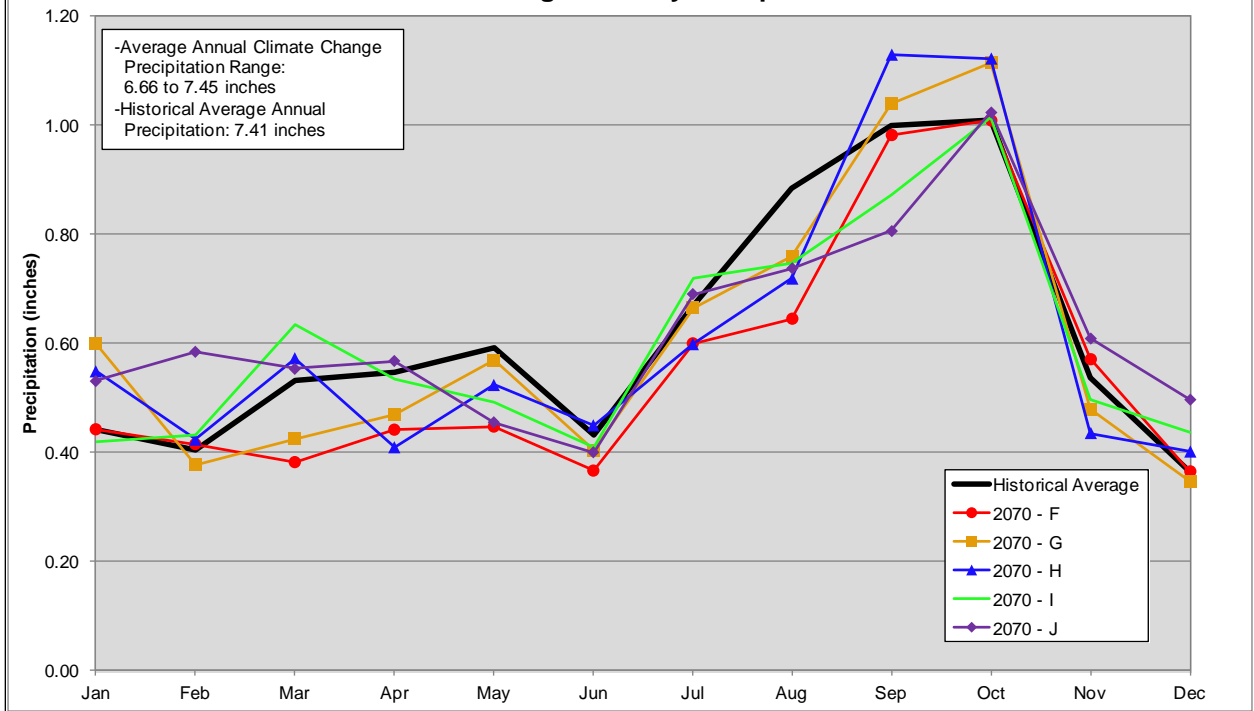
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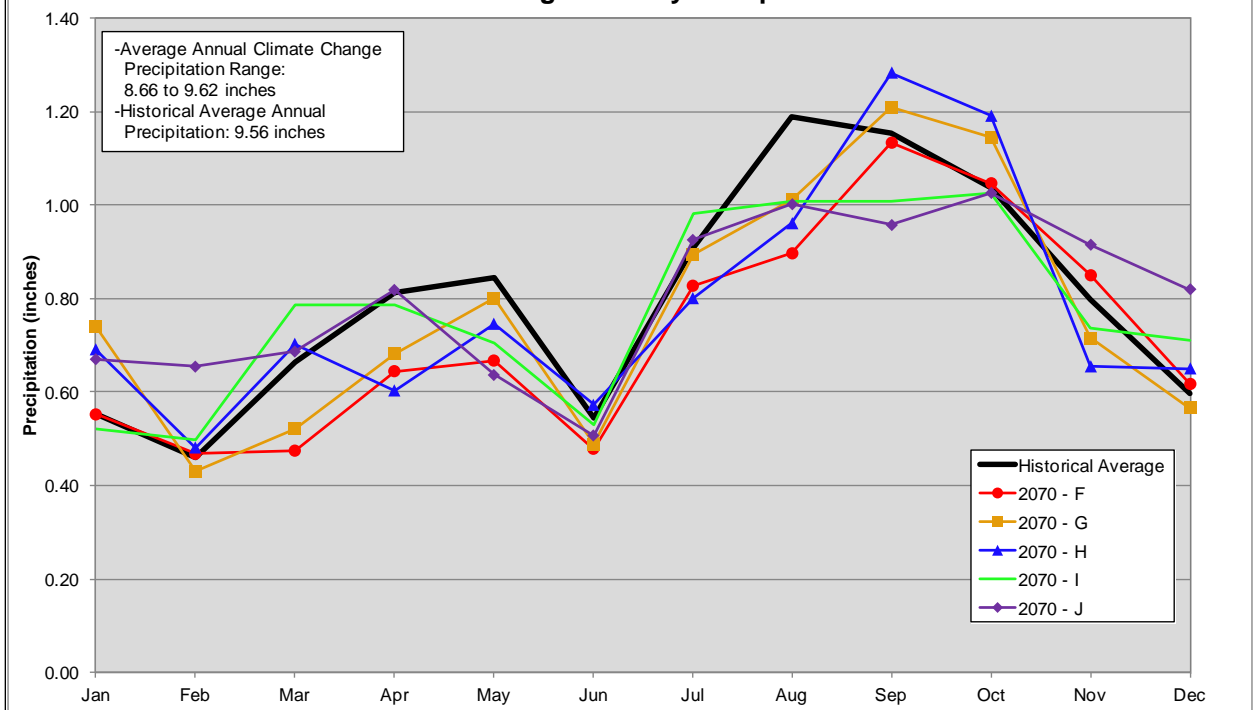
**Figure B22. YAMPA
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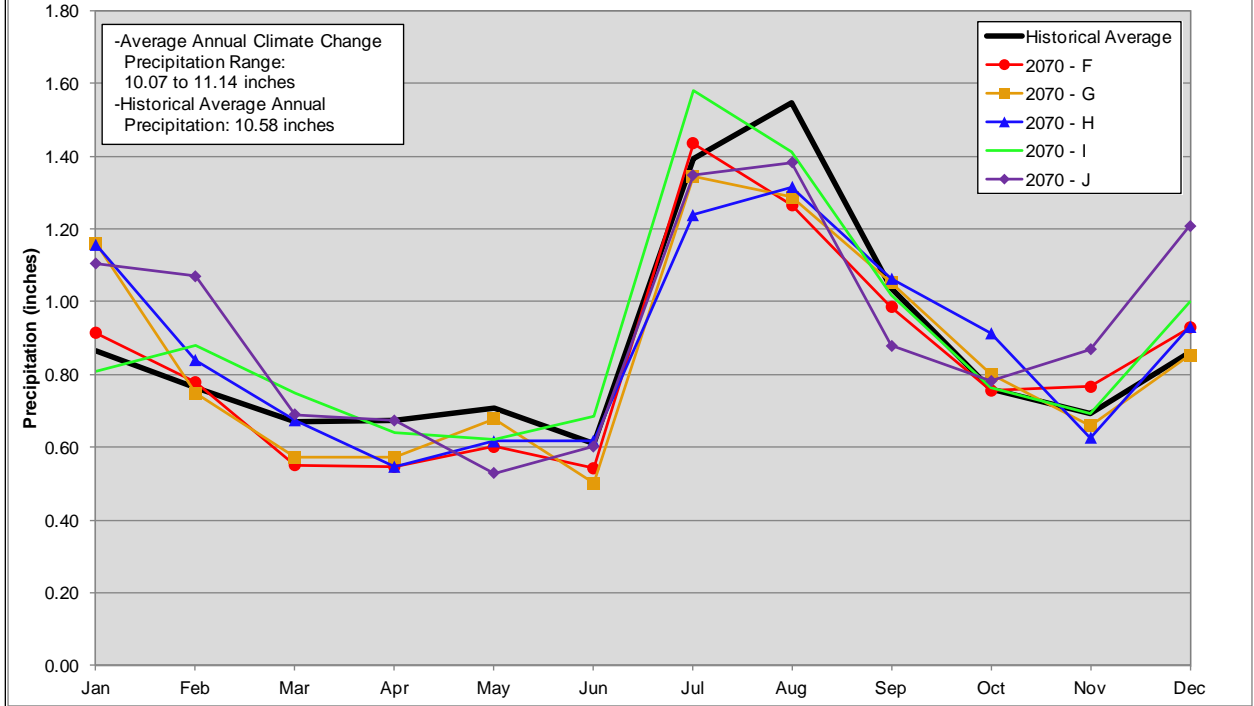
**Figure B23. DELTA
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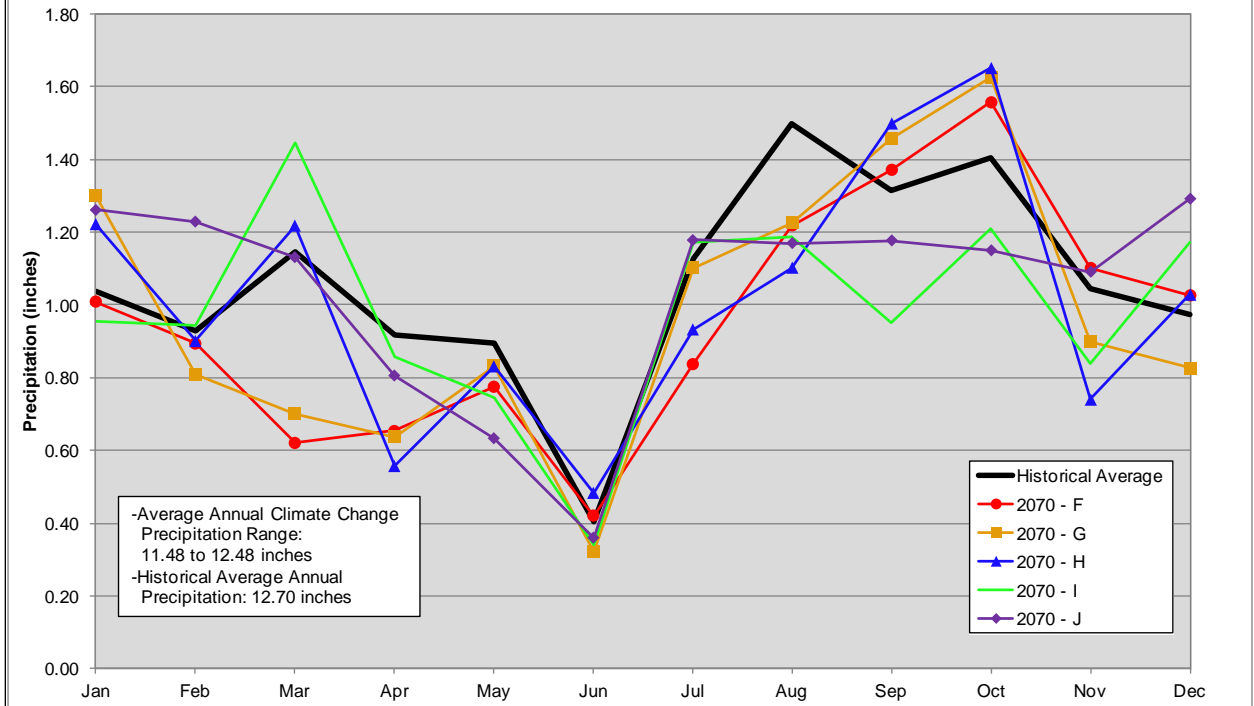
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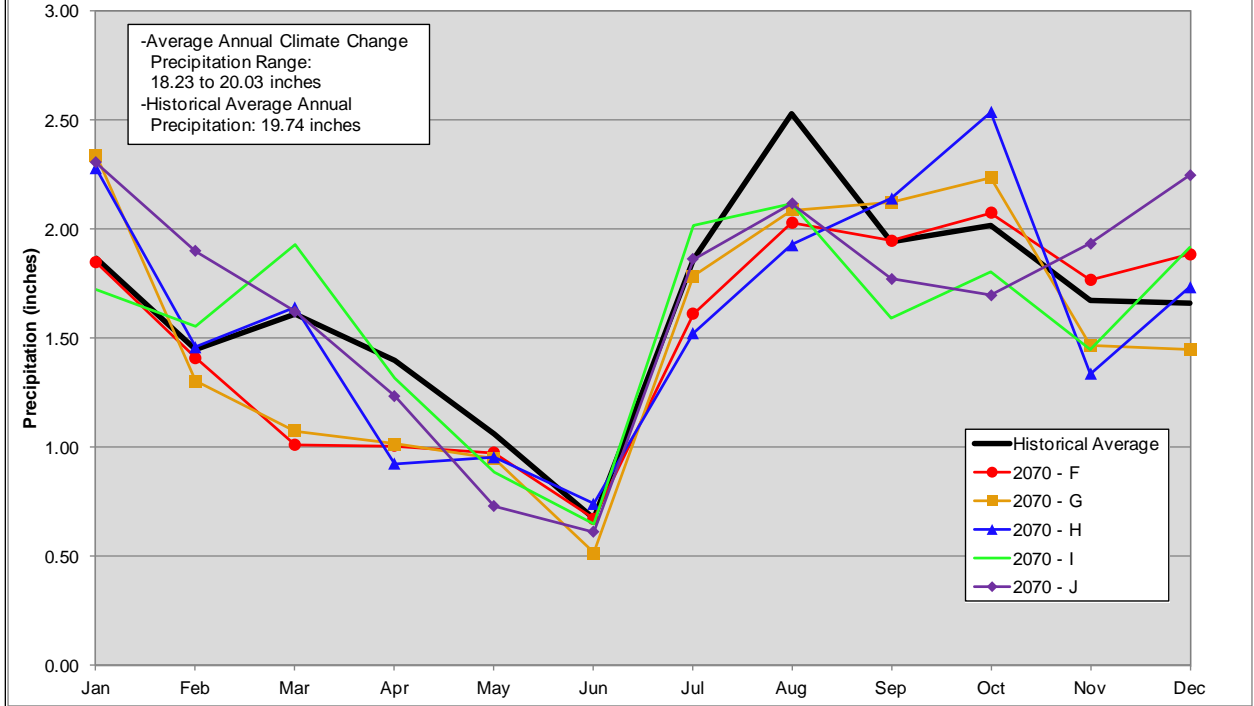
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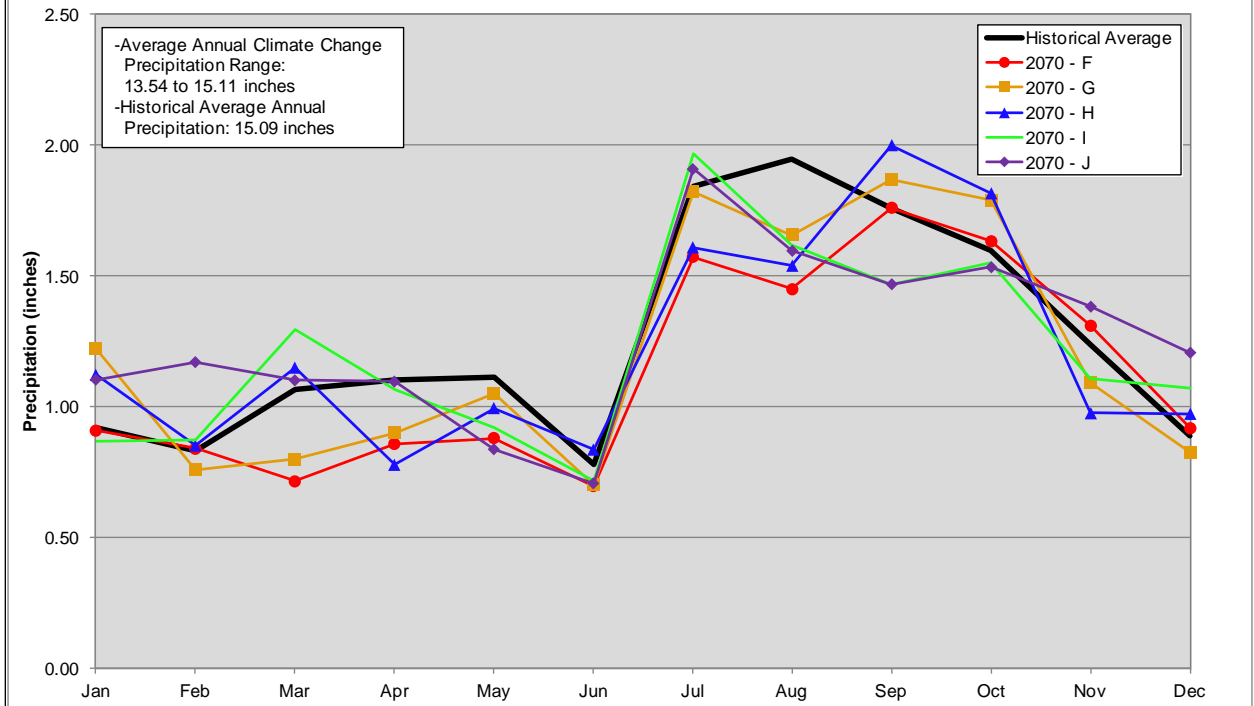
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**Figure B27. DURANGO
2070 Average Monthly Precipitation**



**Figure B28. NORWOOD
2070 Average Monthly Precipitation**



Appendix C: Natural Flow



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C. Natural Streamflow

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Table C1. 2040 Upper Colorado River Basin Average Monthly Natural Flow (cont.)





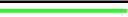



















2040 Climate Projections		Average Monthly Natural Flow (AF)													Reduction in Avg Annual Water Available	
USGS #	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	AF	Percent
Model																
09085000	Roaring Fork River At Glenwood															
	Historical 	19,060	16,714	22,731	47,521	187,124	331,553	181,683	78,146	50,813	41,095	22,129	20,694	1,019,264	N/A	N/A
	2040 - A 	14,974	14,277	24,465	62,881	246,743	247,090	85,227	41,897	32,854	26,843	15,179	15,175	827,607	191,657	19%
	2040 - B 	16,004	14,674	21,761	51,145	222,588	337,993	130,014	54,381	37,736	30,047	16,753	16,543	949,639	69,625	7%
	2040 - C 	16,963	15,629	23,899	61,714	270,008	291,098	90,734	46,743	37,268	31,891	18,026	17,613	921,586	97,678	10%
	2040 - D 	17,535	16,296	24,022	55,973	271,202	346,864	128,048	54,880	39,047	32,386	18,548	18,230	1,023,030	-3,766	0%
	2040 - E 	20,528	18,054	25,287	55,136	224,713	392,645	192,878	81,170	51,927	43,335	23,801	22,360	1,151,834	-132,570	-13%
09095500	Colorado River Near Cameo															
	Historical 	76,720	73,988	98,753	199,842	752,821	1,118,480	534,956	230,277	147,543	126,680	88,401	80,895	3,529,354	N/A	N/A
	2040 - A 	61,130	64,848	111,841	264,199	853,309	741,472	261,420	136,957	103,548	87,857	62,189	60,173	2,808,942	720,412	20%
	2040 - B 	65,855	66,606	98,108	222,532	850,896	1,060,606	384,169	172,664	117,518	98,346	69,151	66,193	3,272,644	256,711	7%
	2040 - C 	70,395	71,736	108,620	265,729	994,187	934,705	297,098	155,661	116,901	103,324	73,796	70,606	3,262,757	266,597	8%
	2040 - D 	74,155	76,311	111,136	247,345	1,036,522	1,123,012	382,767	174,331	120,454	104,584	76,493	74,278	3,601,388	-72,034	-2%
	2040 - E 	84,054	81,590	112,579	236,375	913,455	1,334,110	565,602	241,088	151,405	133,460	94,577	88,092	4,036,386	-507,032	-14%
09105000	Plateau Creek Near Cameo															
	Historical 	4,947	5,294	7,817	17,530	58,473	52,875	20,153	12,218	9,375	8,856	6,195	5,205	208,937	N/A	N/A
	2040 - A 	4,431	5,572	11,392	19,596	34,650	21,910	11,172	9,713	8,003	6,652	4,969	4,312	142,371	66,566	32%
	2040 - B 	4,599	5,320	8,843	18,766	53,839	40,179	14,549	10,729	8,309	7,504	5,297	4,687	182,621	26,316	13%
	2040 - C 	5,030	5,844	10,234	20,726	44,816	27,852	12,384	10,610	8,690	7,810	5,646	4,986	164,628	44,309	21%
	2040 - D 	5,298	6,594	9,983	20,693	60,573	41,281	14,859	11,057	8,697	8,371	6,029	5,375	198,809	10,128	5%
	2040 - E 	5,538	6,064	9,544	20,684	66,677	57,258	20,740	12,270	9,747	9,464	6,948	5,952	230,886	-21,949	-11%
09163500	Colorado River Near Colorado-Utah State Line															
	Historical 	163,454	160,353	211,523	391,079	1,151,267	1,489,320	712,655	337,578	254,041	244,404	182,640	169,544	5,467,858	N/A	N/A
	2040 - A 	131,482	141,604	241,773	478,504	1,175,251	940,434	337,054	206,811	184,761	170,048	133,293	128,337	4,269,352	1,198,506	22%
	2040 - B 	142,546	146,490	216,687	432,587	1,263,310	1,394,364	504,375	257,938	206,678	192,713	147,302	142,431	5,047,421	420,437	8%
	2040 - C 	151,960	156,713	238,808	501,833	1,396,047	1,194,825	386,084	238,052	210,836	201,737	155,930	150,082	4,982,908	484,950	9%
	2040 - D 	160,899	169,795	243,244	481,228	1,504,271	1,479,337	505,464	264,427	216,090	208,927	164,050	160,101	5,557,831	-89,973	-2%
	2040 - E 	180,443	178,542	245,937	468,447	1,387,457	1,772,233	760,276	352,788	265,691	258,767	198,188	187,622	6,256,392	-788,534	-14%

Table C2. 2040 Gunnison River Basin Average Monthly Natural Flow (cont.)













2040 Climate Projections		Average Monthly Natural Flow (AF)													Reduction in Avg Annual Water Available	
USGS #	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	AF	Percent
Model																
09149500	Uncompahgre River At Delta															
	Historical 	8,904	8,309	9,081	17,550	52,023	73,703	48,650	29,171	22,597	18,543	12,468	10,063	311,063	N/A	N/A
	2040 - A 	7,453	7,373	9,686	17,253	38,787	33,327	24,198	18,775	16,864	12,234	9,396	7,784	203,130	107,933	35%
	2040 - B 	8,252	7,991	9,683	18,720	52,292	59,625	34,673	23,451	18,446	14,528	10,461	8,967	267,090	43,973	14%
	2040 - C 	8,880	8,502	10,532	20,798	51,660	46,601	30,074	23,392	20,075	15,085	10,964	9,245	255,807	55,256	18%
	2040 - D 	9,517	9,583	11,078	21,614	59,490	63,858	37,163	25,269	20,183	16,264	11,733	10,217	295,970	15,092	5%
	2040 - E 	10,101	9,529	11,135	22,065	61,748	84,895	53,074	30,907	24,398	19,312	13,629	11,596	352,389	-41,326	-13%
09152500	Gunnison River Near Grand Junction															
	Historical 	60,202	55,332	82,440	208,872	592,841	628,033	288,371	135,881	99,808	89,636	65,062	57,777	2,364,255	N/A	N/A
	2040 - A 	49,227	49,715	94,196	235,446	538,709	350,595	133,335	87,493	75,194	62,643	50,054	45,438	1,772,045	592,210	25%
	2040 - B 	53,442	51,606	86,827	229,317	632,227	565,096	200,451	106,854	82,605	71,656	54,510	50,788	2,185,379	178,876	8%
	2040 - C 	56,944	54,576	94,938	260,806	658,369	451,799	154,959	102,673	87,309	74,855	57,423	52,561	2,107,213	257,042	11%
	2040 - D 	60,461	60,411	95,964	256,491	736,392	595,790	203,866	112,394	88,624	79,418	61,110	56,907	2,407,827	-43,571	-2%
	2040 - E 	67,293	62,256	97,616	253,522	712,302	743,033	312,618	141,609	107,120	95,374	72,077	65,333	2,730,154	-365,899	-15%

Table C3. 2040 San Juan/Dolores River Basin Average Monthly Natural Flow

2040 Climate Projections		Average Monthly Natural Flow (AF)													Reduction in Avg Annual Water Available	
USGS #	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	AF	Percent
Model																
09171100	Dolores River Near Bedrock															
	Historical	5,168	6,533	21,019	88,899	136,695	92,081	27,873	17,223	11,827	8,889	6,510	5,037	427,754	N/A	N/A
	2040 - A	4,846	5,294	15,937	63,134	71,257	27,188	7,002	7,434	8,635	4,828	4,644	3,880	224,080	203,674	48%
	2040 - B	4,852	6,330	21,486	88,574	122,073	66,892	13,992	9,182	7,072	5,378	4,517	4,272	354,620	73,134	17%
	2040 - C	6,086	7,198	23,062	93,484	118,616	50,285	11,045	11,818	9,995	6,159	5,297	4,633	347,677	80,077	19%
	2040 - D	6,320	8,718	26,719	105,819	144,554	76,489	16,049	10,753	8,554	6,773	5,338	5,346	421,433	6,321	1%
	2040 - E	6,310	8,107	27,336	114,025	166,243	110,604	30,968	16,372	12,245	8,486	6,879	6,198	513,773	-86,019	-20%
09175500	San Miguel River At Naturita															
	Historical	4,762	4,852	8,376	41,225	71,632	67,731	36,068	18,977	13,558	9,888	5,867	5,069	288,004	N/A	N/A
	2040 - A	3,969	4,426	8,498	37,524	45,066	26,129	13,232	9,274	9,242	5,544	4,070	3,672	170,647	117,357	41%
	2040 - B	3,913	4,321	8,471	42,162	67,780	51,735	21,950	11,848	8,811	6,086	4,075	3,878	235,030	52,974	18%
	2040 - C	4,810	5,228	9,821	47,419	64,779	39,529	17,939	12,903	11,096	7,089	4,749	4,422	229,784	58,220	20%
	2040 - D	4,957	5,914	10,441	48,957	76,447	56,381	24,250	13,389	10,152	7,336	4,856	4,801	267,881	20,123	7%
	2040 - E	5,445	5,788	10,507	50,354	83,639	77,691	39,796	20,007	14,087	9,718	6,171	5,817	329,019	-41,015	-14%
09346400	San Juan River Near Carracas															
	Historical	8,694	10,045	32,183	73,140	135,377	132,200	48,643	26,411	19,540	17,515	11,557	9,078	524,382	N/A	N/A
	2040 - A	7,519	10,853	43,040	84,494	114,476	66,322	11,316	8,508	9,834	8,727	6,616	6,550	378,255	146,128	28%
	2040 - B	6,241	8,760	35,267	83,118	147,387	118,345	25,579	11,995	10,210	8,655	6,255	5,733	467,545	56,838	11%
	2040 - C	9,091	13,471	48,560	100,852	164,527	107,159	18,258	11,602	12,895	11,343	8,049	7,816	513,623	10,760	2%
	2040 - D	10,061	14,824	49,794	100,417	170,857	129,200	29,192	14,119	12,080	10,806	8,597	8,672	558,620	-34,238	-7%
	2040 - E	11,612	14,296	46,097	94,362	163,431	159,967	51,520	27,095	19,820	18,109	12,226	11,144	629,679	-105,297	-20%
09349800	Piedra River Near Arboles															
	Historical	4,064	4,757	16,989	51,525	77,695	63,531	22,877	14,272	11,972	9,818	6,487	4,727	288,713	N/A	N/A
	2040 - A	2,994	4,452	16,806	51,381	62,428	28,885	6,400	5,906	6,550	4,833	3,424	2,893	196,954	91,759	32%
	2040 - B	2,623	3,785	16,732	53,800	80,659	51,871	12,269	7,694	6,592	4,766	3,284	2,681	246,756	41,957	15%
	2040 - C	3,856	5,987	22,783	64,427	89,228	45,340	9,481	7,632	8,477	6,362	4,321	3,548	271,443	17,269	6%
	2040 - D	4,286	6,587	24,890	66,287	94,603	58,227	14,090	8,858	7,795	6,093	4,611	3,821	300,148	-11,435	-4%
	2040 - E	5,310	6,757	25,108	66,505	94,578	75,839	24,581	15,321	12,654	10,377	6,871	5,367	349,270	-60,557	-21%
09354500	Los Pinos River At La Boca															
	Historical	5,076	6,089	14,569	31,095	74,452	80,308	35,883	20,804	17,729	13,713	7,075	5,549	312,341	N/A	N/A
	2040 - A	3,883	6,027	15,877	35,275	73,450	39,440	11,089	8,046	7,617	5,597	3,652	3,452	213,404	98,937	32%
	2040 - B	3,538	5,009	15,667	33,504	83,505	68,569	20,132	11,467	7,996	5,452	3,471	3,247	261,557	50,784	16%
	2040 - C	4,841	7,784	19,793	39,102	93,262	57,682	15,315	11,126	11,082	8,409	4,895	4,376	277,667	34,674	11%
	2040 - D	5,293	7,973	20,648	38,236	95,752	75,106	22,895	13,385	10,076	7,967	5,215	4,753	307,300	5,041	2%
	2040 - E	6,255	7,621	19,527	37,228	87,138	93,585	37,966	22,858	17,675	14,106	7,510	6,362	357,830	-45,489	-15%
09363200	Florida River At Bondad															
	Historical	1,452	1,866	4,659	8,892	21,067	22,059	7,463	5,031	3,999	3,002	2,080	1,576	83,144	N/A	N/A
	2040 - A	1,107	2,022	5,170	8,076	15,138	8,603	2,148	2,558	2,476	1,586	1,089	979	50,953	32,191	39%
	2040 - B	1,023	1,728	5,663	9,336	21,294	17,541	4,014	3,159	2,494	1,589	1,067	938	69,848	13,297	16%
	2040 - C	1,393	2,898	7,008	10,209	22,002	13,880	2,969	3,159	3,010	2,030	1,404	1,219	71,181	11,963	14%
	2040 - D	1,544	3,256	7,559	10,692	24,319	19,136	4,431	3,486	2,798	1,984	1,490	1,316	82,012	1,132	1%
	2040 - E	1,796	2,526	6,947	10,935	25,047	25,765	7,628	5,198	3,964	2,997	2,102	1,745	96,651	-13,507	-16%
09363500	Animas River Near Cedar Hill, Nm															
	Historical	11,957	12,100	25,248	64,619	171,902	196,933	84,812	44,427	34,996	27,587	17,307	13,853	705,741	N/A	N/A
	2040 - A	8,629	10,824	29,157	81,485	160,131	84,676	25,731	17,463	16,866	11,995	8,831	8,426	464,213	241,528	34%
	2040 - B	7,951	9,865	26,747	70,412	188,759	159,880	47,633	24,593	17,052	11,922	8,641	8,000	581,456	124,285	18%
	2040 - C	10,887	13,910	34,148	87,559	208,453	127,184	35,406	24,214	23,590	17,570	12,008	10,769	605,699	100,042	14%
	2040 - D	11,449	15,139	35,252	81,847	216,819	172,741	52,764	28,400	21,062	16,678	12,367	11,082	675,599	30,142	4%
	2040 - E	13,944	14,870	33,438	77,651	200,767	227,424	89,856	48,905	34,921	27,847	17,750	14,861	802,233	-96,492	-14%

Table C3. 2040 San Juan/Dolores River Basin Average Monthly Natural Flow (cont.)



















2040 Climate Projections		Average Monthly Natural Flow (AF)													Reduction in Avg Annual Water Available	
USGS #	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	AF	Percent
Model																
09365500	La Plata River At Hesperus															
	Historical 	419	415	1,067	4,569	10,305	8,627	2,731	1,495	1,147	900	641	509	32,825	N/A	N/A
	2040 - A 	267	340	1,658	7,042	9,045	3,029	541	485	674	445	372	285	24,181	8,643	26%
	2040 - B 	235	264	997	5,112	11,002	7,027	1,391	727	606	441	346	271	28,418	4,406	13%
	2040 - C 	328	388	1,437	6,859	12,229	5,534	912	721	830	573	450	366	30,629	2,195	7%
	2040 - D 	349	406	1,333	6,184	13,018	7,733	1,540	858	745	612	487	408	33,674	-849	-3%
	2040 - E 	479	487	1,333	5,432	12,257	10,284	2,889	1,577	1,243	948	702	589	38,221	-5,396	-16%
09366500	La Plata River At Colorado-New Mexico State Line															
	Historical 	539	754	2,357	7,936	12,285	9,173	3,123	1,505	1,036	933	647	573	40,861	N/A	N/A
	2040 - A 	393	583	1,933	6,385	7,967	3,443	1,008	852	782	605	406	381	24,738	16,123	39%
	2040 - B 	386	634	2,383	8,246	11,777	7,429	1,856	1,028	757	610	394	378	35,879	4,982	12%
	2040 - C 	468	845	2,913	8,665	11,925	5,931	1,396	1,039	880	711	485	451	35,709	5,152	13%
	2040 - D 	504	948	3,469	9,879	13,701	8,160	2,002	1,110	832	738	508	481	42,331	-1,470	-4%
	2040 - E 	602	948	3,366	10,546	14,903	10,867	3,277	1,543	1,080	961	664	613	49,369	-8,509	-21%
09371000	Mancos River Near Towaoc															
	Historical 	1,014	1,587	3,860	9,059	14,659	9,764	3,621	2,659	2,102	1,583	1,078	904	51,891	N/A	N/A
	2040 - A 	846	1,302	2,643	5,645	7,559	3,304	1,435	1,751	1,796	1,122	796	709	28,908	22,983	44%
	2040 - B 	919	1,629	4,417	8,958	12,945	7,319	2,259	2,019	1,700	1,176	801	759	44,901	6,990	13%
	2040 - C 	1,048	1,917	4,426	8,899	12,489	5,684	1,907	2,156	1,985	1,266	910	815	43,501	8,390	16%
	2040 - D 	1,154	2,303	5,673	10,485	15,104	8,110	2,462	2,149	1,851	1,348	934	895	52,468	-577	-1%
	2040 - E 	1,247	2,091	5,488	11,767	17,947	11,377	3,854	2,664	2,225	1,569	1,119	1,027	62,375	-10,485	-20%

Table C4. 2040 Yampa River Basin Average Monthly Natural Flow

2040 Climate Projections		Average Monthly Natural Flow (AF)													Reduction in Avg Annual Water Available	
USGS #	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	AF	Percent
Model																
09237500	Yampa River Below Stagecoach Reservoir															
	Historical	2,797	2,231	4,300	9,722	16,770	21,327	12,992	6,809	4,103	4,080	3,174	2,795	91,100	N/A	N/A
	2040 - A	2,349	2,231	7,592	16,729	18,293	13,310	3,720	3,624	2,766	2,529	2,349	2,087	77,579	13,520	15%
	2040 - B	2,438	2,079	5,012	11,822	18,469	20,875	7,463	4,712	3,137	2,939	2,571	2,362	83,879	7,221	8%
	2040 - C	2,649	2,191	6,139	17,041	21,556	16,439	4,218	4,351	3,393	3,248	2,767	2,401	86,393	4,707	5%
	2040 - D	2,879	2,592	6,152	14,914	23,291	22,362	7,229	4,841	3,350	3,603	3,164	2,714	97,091	-5,992	-7%
	2040 - E	3,011	2,483	5,482	12,687	20,058	24,585	12,410	6,638	4,163	4,210	3,544	3,127	102,397	-11,297	-12%
09241000	Elk River At Clark															
	Historical	3,454	3,141	5,441	15,569	69,325	82,688	31,040	8,380	5,265	4,998	3,898	3,966	237,163	N/A	N/A
	2040 - A	2,437	2,625	16,077	44,024	102,843	57,803	7,247	2,932	3,420	2,616	2,336	2,483	246,845	-9,682	-4%
	2040 - B	2,829	2,734	7,053	22,240	86,333	85,713	18,426	4,663	4,068	3,425	2,943	3,114	243,541	-6,377	-3%
	2040 - C	2,975	2,818	9,333	36,825	115,003	71,189	7,574	3,333	4,177	3,745	3,072	3,143	263,188	-26,024	-11%
	2040 - D	3,662	3,542	8,052	23,898	107,852	94,987	18,522	4,695	4,274	4,604	3,967	3,978	282,034	-44,871	-19%
	2040 - E	3,842	3,472	7,146	20,054	84,549	95,668	29,569	7,562	5,199	5,447	4,469	4,496	271,472	-34,308	-14%
09245000	Elkhead Creek Near Elkhead															
	Historical	330	317	684	6,887	22,414	6,860	851	281	218	385	399	354	39,979	N/A	N/A
	2040 - A	369	479	2,601	12,203	17,963	1,941	354	235	180	302	386	376	37,388	2,592	6%
	2040 - B	346	364	1,098	9,151	24,199	5,317	516	253	196	338	402	384	42,563	-2,584	-6%
	2040 - C	387	432	1,463	12,080	23,182	2,833	395	257	208	359	411	382	42,390	-2,411	-6%
	2040 - D	425	546	1,292	11,199	30,815	5,951	510	255	205	414	469	412	52,493	-12,514	-31%
	2040 - E	368	389	1,017	9,050	27,292	7,860	805	273	224	408	448	401	48,535	-8,556	-21%
09249750	Williams Fork At Mouth, Near Hamilton															
	Historical	3,214	2,945	5,367	18,582	60,127	44,571	14,287	5,459	3,459	3,759	3,175	3,427	168,372	N/A	N/A
	2040 - A	2,554	2,932	9,488	27,994	55,339	25,046	4,249	2,514	2,281	2,280	2,177	2,443	139,297	29,075	17%
	2040 - B	2,734	2,730	6,449	23,135	65,892	42,241	8,905	3,571	2,603	2,748	2,435	2,858	166,302	2,070	1%
	2040 - C	2,983	2,986	8,098	28,037	65,471	31,362	4,876	2,940	2,646	2,885	2,546	2,857	157,686	10,685	6%
	2040 - D	3,502	4,126	8,975	29,829	79,993	45,229	8,686	3,630	2,780	3,344	3,013	3,415	196,522	-28,151	-17%
	2040 - E	3,585	3,526	7,133	24,337	72,022	50,934	13,659	5,202	3,356	3,809	3,423	3,866	194,851	-26,479	-16%
09251000	Yampa River Near Maybell															
	Historical	15,939	19,057	44,960	155,383	396,489	376,381	121,597	34,189	19,481	23,180	18,759	16,228	1,241,642	N/A	N/A
	2040 - A	14,420	21,418	82,951	251,121	399,444	237,934	31,210	17,748	14,167	14,762	14,188	13,263	1,112,626	129,016	10%
	2040 - B	14,852	19,015	55,972	198,301	436,155	374,110	72,028	23,202	15,914	17,765	15,913	14,918	1,258,145	-16,503	-1%
	2040 - C	16,139	20,560	66,874	251,446	475,290	301,750	34,569	20,254	16,626	19,044	16,621	14,932	1,254,106	-12,464	-1%
	2040 - D	18,449	27,622	77,333	257,069	548,556	416,431	71,473	23,633	16,897	21,998	19,907	17,430	1,516,799	-275,156	-22%
	2040 - E	17,900	22,843	60,507	206,734	484,281	440,996	116,403	32,137	19,633	24,597	21,212	18,761	1,466,006	-224,364	-18%
09260000	Little Snake River Near Lily															
	Historical	5,217	7,563	23,681	58,100	166,611	139,010	35,443	8,878	5,289	6,038	5,726	5,100	466,654	N/A	N/A
	2040 - A	4,565	7,545	40,454	89,714	135,710	63,671	12,903	6,116	3,870	3,901	4,590	4,214	377,255	89,400	19%
	2040 - B	5,062	7,687	28,954	71,183	172,127	121,847	23,426	7,439	4,566	5,007	5,254	4,932	457,484	9,171	2%
	2040 - C	5,205	7,792	33,059	90,467	170,324	85,039	15,149	7,171	4,692	5,049	5,233	4,759	433,939	32,715	7%
	2040 - D	6,520	10,949	37,866	90,797	214,012	135,746	24,693	8,132	5,239	6,511	6,580	5,984	553,029	-86,375	-19%
	2040 - E	5,966	8,981	31,042	75,529	202,169	163,017	35,384	9,132	5,541	6,465	6,389	5,920	555,536	-88,882	-19%
09260050	Yampa River At Deerlodge Park															
	Historical	19,751	25,487	64,187	211,599	532,738	521,212	164,415	45,518	24,851	29,558	24,654	20,774	1,684,745	N/A	N/A
	2040 - A	17,420	26,946	109,611	330,353	496,578	306,692	46,413	25,897	18,262	19,140	19,057	17,004	1,433,373	251,372	15%
	2040 - B	18,654	25,544	77,540	264,155	571,315	502,414	100,751	33,150	20,906	23,575	21,603	19,464	1,679,070	5,675	0%
	2040 - C	19,723	26,753	90,071	331,777	601,041	393,144	52,125	29,851	21,554	24,592	22,148	19,179	1,631,957	52,788	3%
	2040 - D	23,501	36,931	105,073	339,140	714,495	559,903	101,432	34,734	22,922	29,469	26,954	23,052	2,017,606	-332,861	-20%
	2040 - E	22,377	30,423	84,968	278,382	647,850	611,396	159,380	44,107	25,437	31,499	27,739	24,048	1,987,606	-302,861	-18%

Table C5. 2040 White River Basin Average Monthly Natural Flow































2040 Climate Projections		Average Monthly Water Natural Flow (AF)													Reduction in Avg Annual Water Available	
USGS #	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	AF	Percent
Model																
09303000	North Fork White River At Buford, Co															
	Historical 	9,812	8,632	9,698	16,577	46,577	50,272	24,430	15,174	12,294	11,891	10,469	10,131	225,958	N/A	N/A
	2040 - A 	5,019	5,245	12,970	34,811	66,858	34,109	8,358	5,499	5,233	5,041	4,863	4,701	192,709	33,249	15%
	2040 - B 	6,531	6,280	9,350	20,721	57,028	51,612	16,585	9,606	7,687	7,005	6,377	6,462	205,243	20,715	9%
	2040 - C 	6,737	6,475	11,474	30,411	72,517	41,937	9,575	6,621	6,430	6,736	6,380	6,402	211,696	14,262	6%
	2040 - D 	8,160	8,253	12,202	24,740	70,665	55,696	16,251	9,607	8,001	8,095	7,777	7,940	237,388	-11,429	-5%
	2040 - E 	10,061	9,123	11,371	21,189	55,973	58,557	24,188	14,366	11,275	11,118	10,322	10,325	247,870	-21,911	-10%
09304000	South Fork White River At Buford															
	Historical 	6,325	5,908	6,547	9,479	38,394	60,345	20,315	10,521	8,070	7,705	6,738	6,580	186,928	N/A	N/A
	2040 - A 	2,677	2,857	5,758	18,854	57,332	39,360	7,596	3,660	2,958	2,788	2,485	2,518	148,843	38,085	20%
	2040 - B 	3,844	3,866	5,192	10,682	47,479	61,559	14,619	6,805	4,812	4,181	3,647	3,726	170,411	16,516	9%
	2040 - C 	3,813	3,862	5,829	16,160	61,183	48,633	8,757	4,443	3,728	3,915	3,570	3,676	167,569	19,359	10%
	2040 - D 	4,760	4,882	6,707	12,207	58,987	65,301	14,367	6,780	4,984	4,777	4,456	4,624	192,832	-5,905	-3%
	2040 - E 	6,436	6,098	7,222	11,368	45,664	69,767	20,473	10,063	7,434	7,292	6,573	6,575	204,963	-18,036	-10%
09304800	White River Below Meeker															
	Historical 	18,827	19,221	23,007	35,259	102,557	126,221	55,911	31,899	25,971	25,386	20,514	18,386	503,158	N/A	N/A
	2040 - A 	10,110	12,080	26,348	53,082	114,032	79,927	20,254	12,050	11,502	11,271	9,933	8,960	369,551	133,607	27%
	2040 - B 	13,044	14,553	22,233	41,070	116,140	125,927	39,463	21,095	16,908	15,672	13,009	12,137	451,250	51,908	10%
	2040 - C 	13,173	14,777	25,311	50,963	128,277	99,400	23,662	14,610	13,947	14,751	12,739	11,787	423,398	79,760	16%
	2040 - D 	16,342	19,606	29,696	49,894	141,645	135,888	39,409	21,484	17,786	17,921	15,570	14,740	519,981	-16,823	-3%
	2040 - E 	19,795	21,154	27,753	44,718	122,937	146,927	56,737	31,052	24,552	24,428	20,533	18,977	559,563	-56,404	-11%
09306222	Piceance Creek At White River															
	Historical 	1,260	1,451	2,432	3,253	5,755	4,265	3,216	2,570	1,752	1,714	1,338	1,299	30,306	N/A	N/A
	2040 - A 	901	1,148	2,389	2,396	2,403	1,548	1,303	1,415	1,239	1,215	1,003	918	17,877	12,428	41%
	2040 - B 	1,019	1,226	2,312	3,247	4,948	3,232	2,296	1,926	1,414	1,398	1,100	1,048	25,165	5,141	17%
	2040 - C 	1,017	1,247	2,505	3,038	3,385	2,157	1,644	1,625	1,332	1,345	1,071	1,012	21,380	8,926	29%
	2040 - D 	1,242	1,615	2,986	3,953	5,959	3,853	2,701	2,147	1,522	1,526	1,217	1,222	29,943	363	1%
	2040 - E 	1,396	1,659	2,944	4,026	6,868	5,079	3,752	2,835	1,828	1,756	1,393	1,419	34,954	-4,648	-15%
09306395	White River Near Colorado-Utah State Line															
	Historical 	20,789	22,527	29,593	42,395	109,488	138,648	65,807	36,675	29,537	26,087	21,155	19,946	562,645	N/A	N/A
	2040 - A 	13,414	16,149	29,864	49,411	103,913	85,367	25,102	16,142	16,305	14,662	12,958	12,116	395,404	167,242	30%
	2040 - B 	16,173	18,498	28,368	46,055	116,892	135,450	47,282	25,531	21,366	18,680	15,532	15,039	504,866	57,780	10%
	2040 - C 	16,164	18,527	30,231	50,848	119,659	106,720	29,367	18,981	18,652	17,795	15,192	14,519	456,655	105,991	19%
	2040 - D 	19,441	23,706	36,206	56,489	142,759	148,581	48,174	26,345	22,559	20,884	17,810	17,508	580,461	-17,816	-3%
	2040 - E 	22,126	24,717	34,568	53,087	131,805	162,281	68,070	36,260	28,565	25,720	21,456	20,913	629,568	-66,922	-12%

Table C6. 2070 Upper Colorado River Basin Average Monthly Natural Flow (cont.)

























2070 Climate Projections		Average Monthly Natural Flow (AF)													Reduction in Avg Annual Water Available		
USGS #	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	AF	Percent	
Model																	
09085000	Roaring Fork River At Glenwood																
	Historical		19,060	16,714	22,731	47,521	187,124	331,553	181,683	78,146	50,813	41,095	22,129	20,694	1,019,264	N/A	N/A
	2070 - F		16,371	15,953	26,497	81,729	337,996	164,443	54,614	35,112	30,128	26,148	15,961	16,463	821,415	197,849	19%
	2070 - G		17,432	16,662	26,590	66,987	265,136	257,346	81,683	42,122	33,529	29,180	17,364	17,612	871,644	147,620	14%
	2070 - H		18,278	18,169	28,455	75,950	311,143	261,688	81,895	42,081	33,966	30,560	18,383	18,474	939,041	80,223	8%
	2070 - I		18,183	16,731	25,322	62,223	268,083	321,714	119,389	56,584	40,905	34,473	19,684	19,114	1,002,406	16,858	2%
	2070 - J		18,240	18,952	31,764	79,636	390,534	340,350	95,403	45,813	34,770	29,400	17,582	18,132	1,120,575	-101,311	-10%
09095500	Colorado River Near Cameo																
	Historical		76,720	73,988	98,753	199,842	752,821	1,118,480	534,956	230,277	147,543	126,680	88,401	80,895	3,529,354	N/A	N/A
	2070 - F		72,718	78,924	130,430	333,510	1,022,483	498,179	192,422	123,194	100,689	90,364	68,912	70,610	2,782,435	746,919	21%
	2070 - G		74,740	80,634	129,608	288,976	922,837	771,581	257,776	140,237	106,636	94,769	70,359	71,135	3,009,288	520,066	15%
	2070 - H		77,484	88,170	141,134	322,658	1,048,271	757,242	254,560	139,911	108,973	99,310	74,062	73,882	3,185,657	343,698	10%
	2070 - I		79,277	80,665	121,486	279,699	1,010,203	1,019,111	367,389	185,421	131,231	116,548	84,038	80,274	3,555,341	-25,987	-1%
	2070 - J		84,191	97,930	164,600	370,379	1,420,046	1,025,844	297,778	152,243	112,515	100,231	77,130	79,661	3,982,549	-453,195	-13%
09105000	Plateau Creek Near Cameo																
	Historical		4,947	5,294	7,817	17,530	58,473	52,875	20,153	12,218	9,375	8,856	6,195	5,205	208,937	N/A	N/A
	2070 - F		5,372	7,169	12,116	18,338	25,769	16,170	10,328	9,384	7,769	7,398	5,773	5,217	130,803	78,134	37%
	2070 - G		6,110	7,420	12,000	19,467	38,774	26,007	12,247	10,360	8,416	8,425	6,219	5,762	161,207	47,730	23%
	2070 - H		6,303	8,750	12,800	21,704	39,420	24,634	12,047	10,328	8,741	8,603	6,257	5,822	165,410	43,527	21%
	2070 - I		5,239	6,322	10,551	21,400	51,928	34,416	13,948	10,925	8,582	8,356	5,944	5,347	182,959	25,978	12%
	2070 - J		6,467	10,001	16,127	27,122	58,288	31,389	13,195	10,953	8,268	8,336	6,267	5,893	202,306	6,631	3%
09163500	Colorado River Near Colorado-Utah State Line																
	Historical		163,454	160,353	211,523	391,079	1,151,267	1,489,320	712,655	337,578	254,041	244,404	182,640	169,544	5,467,858	N/A	N/A
	2070 - F		154,243	170,691	269,626	570,743	1,344,990	632,302	251,290	189,664	178,392	176,724	147,088	148,482	4,234,236	1,233,622	23%
	2070 - G		163,634	175,485	270,775	512,370	1,260,031	979,793	334,632	214,410	192,184	191,820	152,730	154,511	4,602,376	865,482	16%
	2070 - H		172,905	196,563	297,245	588,544	1,448,213	985,532	334,969	217,255	199,616	204,796	161,748	163,022	4,970,408	497,450	9%
	2070 - I		164,493	170,972	254,325	514,445	1,427,657	1,316,421	474,022	271,590	223,038	219,047	169,246	165,277	5,370,533	97,325	2%
	2070 - J		181,652	216,668	353,028	678,746	1,931,126	1,331,449	390,265	237,969	203,502	200,520	165,284	170,332	6,060,542	-592,684	-11%

Table C7. 2070 Gunnison River Basin Average Monthly Natural Flow (cont.)













2070 Climate Projections		Average Monthly Natural Flow (AF)													Reduction in Avg Annual Water Available	
USGS #	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	AF	Percent
Model																
09149500	Uncompahgre River At Delta															
	Historical 	8,904	8,309	9,081	17,550	52,023	73,703	48,650	29,171	22,597	18,543	12,468	10,063	311,063	N/A	N/A
	2070 - F 	8,792	9,092	10,156	17,951	35,834	23,234	21,365	18,167	16,173	13,096	10,071	8,767	192,700	118,363	38%
	2070 - G 	9,876	9,406	10,501	17,197	39,676	33,916	25,423	20,360	17,981	14,948	10,468	9,445	219,197	91,866	30%
	2070 - H 	10,815	11,049	12,438	21,377	46,060	36,497	26,625	21,135	19,138	16,304	11,028	10,332	242,798	68,265	22%
	2070 - I 	8,452	8,404	10,312	20,420	52,421	52,401	33,080	23,870	18,611	15,157	10,486	9,283	262,898	48,165	15%
	2070 - J 	10,841	12,358	15,409	26,654	60,048	45,822	30,218	23,627	18,727	15,155	11,516	10,587	280,962	30,101	10%
09152500	Gunnison River Near Grand Junction															
	Historical 	60,202	55,332	82,440	208,872	592,841	628,033	288,371	135,881	99,808	89,636	65,062	57,777	2,364,255	N/A	N/A
	2070 - F 	55,680	58,479	99,062	272,542	572,277	230,881	105,596	82,769	71,960	65,725	54,679	50,570	1,720,220	644,035	27%
	2070 - G 	61,629	60,062	100,619	248,004	568,376	362,859	134,400	92,119	79,015	73,786	57,487	55,107	1,893,462	470,794	20%
	2070 - H 	67,251	70,222	111,567	297,431	666,996	381,796	139,056	95,872	83,589	80,852	61,654	59,781	2,116,069	248,186	10%
	2070 - I 	57,534	56,843	95,690	259,246	674,405	512,134	185,285	109,476	85,821	77,780	58,374	54,997	2,227,586	136,669	6%
	2070 - J 	67,766	76,909	134,555	341,687	872,607	508,797	159,740	105,789	84,146	76,503	61,601	60,222	2,550,322	-186,067	-8%

Table C8. 2070 San Juan/Dolores River Basin Average Monthly Natural Flow (cont.)



















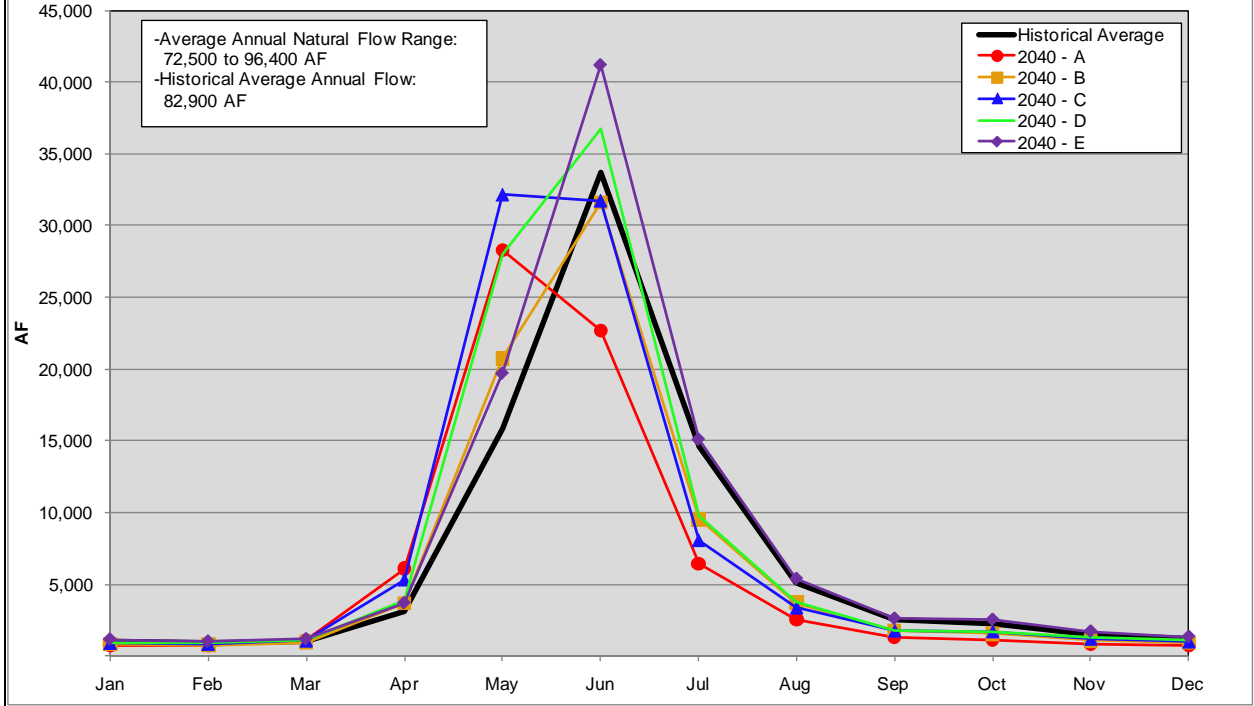
2070 Climate Projections		Average Monthly Natural Flow (AF)													Reduction in Avg Annual Water Available	
USGS #	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	AF	Percent
Model																
09365500	La Plata River At Hesperus															
	Historical 	419	415	1,067	4,569	10,305	8,627	2,731	1,495	1,147	900	641	509	32,825	N/A	N/A
	2070 - F 	430	545	2,127	9,002	9,188	1,872	353	450	605	574	526	477	26,149	6,676	20%
	2070 - G 	514	574	1,895	7,270	9,092	3,045	525	513	693	714	617	591	26,043	6,781	21%
	2070 - H 	601	732	2,076	8,433	11,244	3,446	581	507	710	866	703	695	30,594	2,231	7%
	2070 - I 	261	299	1,165	6,071	11,527	5,970	1,085	727	610	511	382	306	28,915	3,909	12%
	2070 - J 	330	526	2,092	8,802	14,035	4,734	711	568	595	464	408	342	33,609	-784	-2%
09366500	La Plata River At Colorado-New Mexico State Line															
	Historical 	539	754	2,357	7,936	12,285	9,173	3,123	1,505	1,036	933	647	573	40,861	N/A	N/A
	2070 - F 	541	979	2,722	7,404	7,628	2,367	835	844	757	704	506	494	25,782	15,079	37%
	2070 - G 	557	1,020	2,666	6,820	8,024	3,476	1,007	887	802	806	562	520	27,146	13,715	34%
	2070 - H 	638	1,255	3,268	8,571	10,008	3,903	1,064	884	812	924	630	579	32,538	8,323	20%
	2070 - I 	393	621	2,171	7,635	11,353	6,339	1,554	1,025	756	657	411	391	33,307	7,554	18%
	2070 - J 	512	1,424	4,309	10,359	12,858	5,153	1,199	931	756	623	423	425	38,973	1,888	5%
09371000	Mancos River Near Towaoc															
	Historical 	1,014	1,587	3,860	9,059	14,659	9,764	3,621	2,659	2,102	1,583	1,078	904	51,891	N/A	N/A
	2070 - F 	1,238	2,237	3,565	5,843	6,719	2,471	1,317	1,821	1,781	1,344	939	890	30,166	21,725	42%
	2070 - G 	1,234	2,253	3,558	5,912	7,650	3,417	1,507	1,889	1,880	1,462	951	864	32,577	19,313	37%
	2070 - H 	1,421	2,719	4,487	7,771	9,459	3,822	1,534	1,856	1,908	1,572	979	937	38,464	13,427	26%
	2070 - I 	869	1,465	3,585	8,173	12,258	6,151	2,032	2,044	1,651	1,222	774	764	40,988	10,903	21%
	2070 - J 	1,400	3,300	6,370	10,056	12,492	4,844	1,701	1,956	1,731	1,192	852	876	46,769	5,122	10%

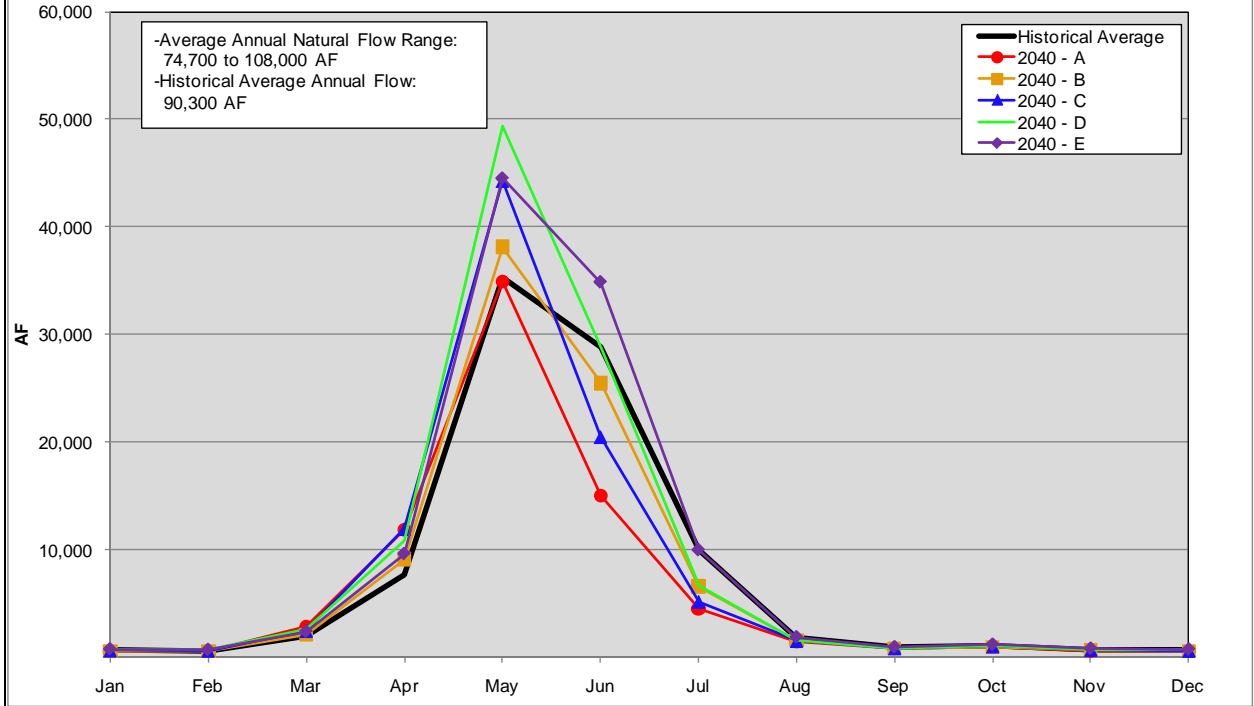
Table C10. 2070 White River Basin Average Monthly Natural Flow

2070 Climate Projections		Average Monthly Natural Flow (AF)													Reduction in Avg Annual Water Available	
USGS #	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	AF	Percent
Model																
09303000	North Fork White River At Buford, Co															
	Historical	9,812	8,632	9,698	16,577	46,577	50,272	24,430	15,174	12,294	11,891	10,469	10,131	225,958	N/A	N/A
	2070 - F	5,935	7,105	18,035	47,169	84,021	18,448	4,296	3,545	4,340	5,111	5,283	5,331	208,619	17,339	8%
	2070 - G	7,674	8,626	19,171	39,540	73,611	39,872	9,204	6,174	5,798	6,501	6,411	6,923	229,505	-3,547	-2%
	2070 - H	7,860	10,275	22,423	42,816	81,352	35,583	7,844	5,528	5,821	6,606	6,573	7,004	239,684	-13,726	-6%
	2070 - I	8,368	8,463	14,768	30,947	70,542	48,353	13,347	8,633	7,706	8,166	7,844	8,130	235,269	-9,311	-4%
	2070 - J	9,490	14,026	31,518	51,098	106,572	51,988	10,774	7,237	6,424	7,220	7,456	7,987	311,788	-85,830	-38%
09304000	South Fork White River At Buford															
	Historical	6,325	5,908	6,547	9,479	38,394	60,345	20,315	10,521	8,070	7,705	6,738	6,580	186,928	N/A	N/A
	2070 - F	3,030	3,410	7,334	28,016	69,216	22,618	3,969	2,116	2,198	2,464	2,494	2,748	149,613	37,315	20%
	2070 - G	4,107	4,602	8,267	20,543	62,815	46,619	8,511	4,151	3,315	3,421	3,314	3,739	173,405	13,523	7%
	2070 - H	4,242	4,996	9,340	23,108	70,519	42,372	7,371	3,676	3,259	3,676	3,529	3,883	179,970	6,958	4%
	2070 - I	4,721	4,810	7,050	15,453	59,012	56,319	11,896	5,919	4,634	4,739	4,410	4,585	183,550	3,378	2%
	2070 - J	4,681	5,847	11,409	24,282	90,187	61,164	9,962	4,932	3,767	3,774	3,735	4,148	227,888	-40,960	-22%
09304800	White River Below Meeker															
	Historical	18,827	19,221	23,007	35,259	102,557	126,221	55,911	31,899	25,971	25,386	20,514	18,386	503,158	N/A	N/A
	2070 - F	11,584	15,395	33,478	62,465	124,613	44,970	10,836	7,856	9,523	10,945	10,354	9,722	351,739	151,419	30%
	2070 - G	15,225	20,401	39,884	61,434	126,763	94,485	22,773	13,631	12,700	13,873	12,449	12,452	446,070	57,088	11%
	2070 - H	15,371	23,006	45,670	65,811	136,496	84,990	19,602	12,235	12,644	14,173	12,697	12,559	455,253	47,905	10%
	2070 - I	16,081	19,329	32,649	55,317	133,104	116,228	32,375	18,932	16,652	17,572	15,215	14,522	487,974	15,184	3%
	2070 - J	18,983	33,432	69,877	90,377	191,102	126,168	27,552	16,547	14,418	15,527	14,405	14,484	632,872	-129,714	-26%
09306222	Piceance Creek At White River															
	Historical	1,260	1,451	2,432	3,253	5,755	4,265	3,216	2,570	1,752	1,714	1,338	1,299	30,306	N/A	N/A
	2070 - F	987	1,339	2,335	1,653	1,395	929	958	1,262	1,183	1,220	1,006	958	15,225	15,081	50%
	2070 - G	1,241	1,661	3,143	2,888	2,832	1,974	1,581	1,574	1,303	1,360	1,083	1,125	21,766	8,540	28%
	2070 - H	1,171	1,754	3,416	3,019	2,715	1,774	1,426	1,500	1,320	1,341	1,053	1,069	21,558	8,747	29%
	2070 - I	1,147	1,477	2,895	3,701	4,619	2,955	2,166	1,892	1,426	1,453	1,142	1,139	26,012	4,294	14%
	2070 - J	1,433	2,333	5,445	5,475	5,497	3,329	2,269	1,921	1,404	1,451	1,195	1,270	33,020	-2,715	-9%
09306395	White River Near Colorado-Utah State Line															
	Historical	20,789	22,527	29,593	42,395	109,488	138,648	65,807	36,675	29,537	26,087	21,155	19,946	562,645	N/A	N/A
	2070 - F	14,744	18,823	34,001	52,211	108,383	49,548	14,560	11,965	14,554	14,599	13,208	12,764	359,359	203,286	36%
	2070 - G	18,534	23,577	41,693	58,127	116,685	101,659	28,518	18,100	17,712	17,457	15,084	15,517	472,664	89,982	16%
	2070 - H	18,331	25,377	46,307	61,327	124,242	91,914	24,775	16,632	17,848	17,480	15,102	15,395	474,729	87,917	16%
	2070 - I	18,814	22,739	37,040	58,041	129,752	125,849	39,611	23,511	21,249	20,336	17,203	17,084	531,230	31,415	6%
	2070 - J	21,875	34,639	70,026	92,077	182,448	139,121	34,981	21,480	19,471	19,053	17,043	17,611	669,826	-107,180	-19%

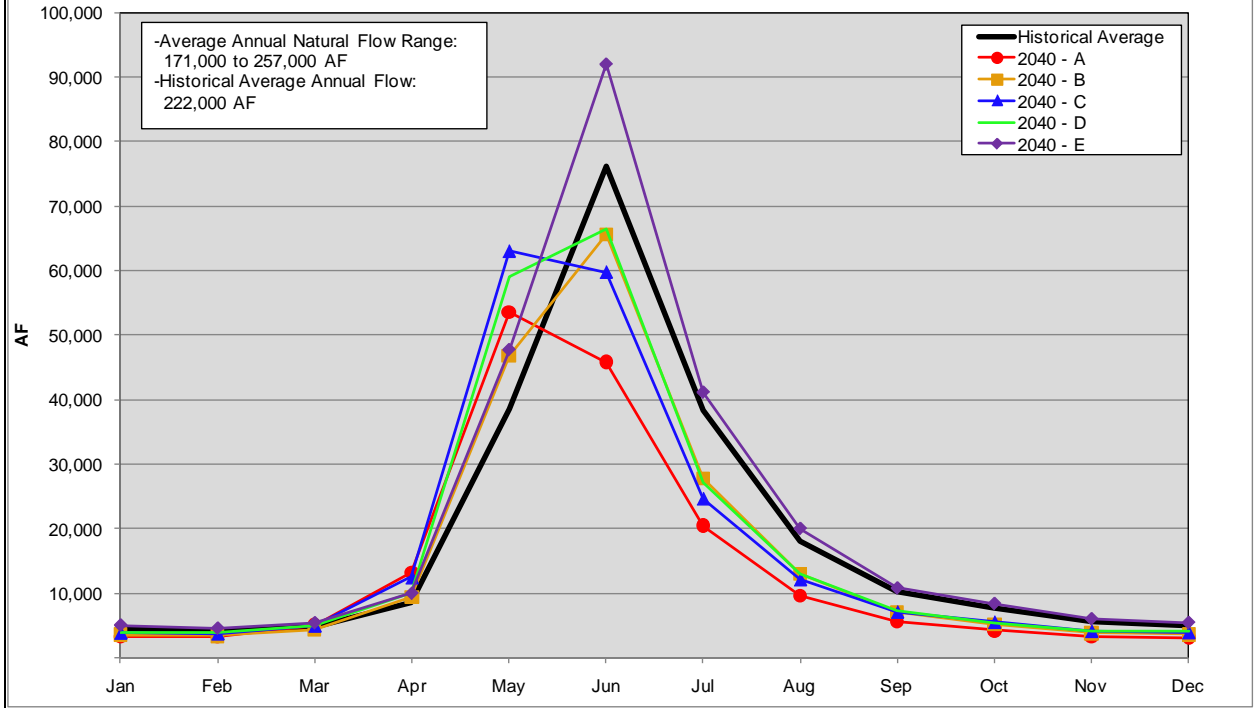
**Figure C1. Colorado River near Grand Lake (09011000)
2040 Average Monthly Natural Flow**



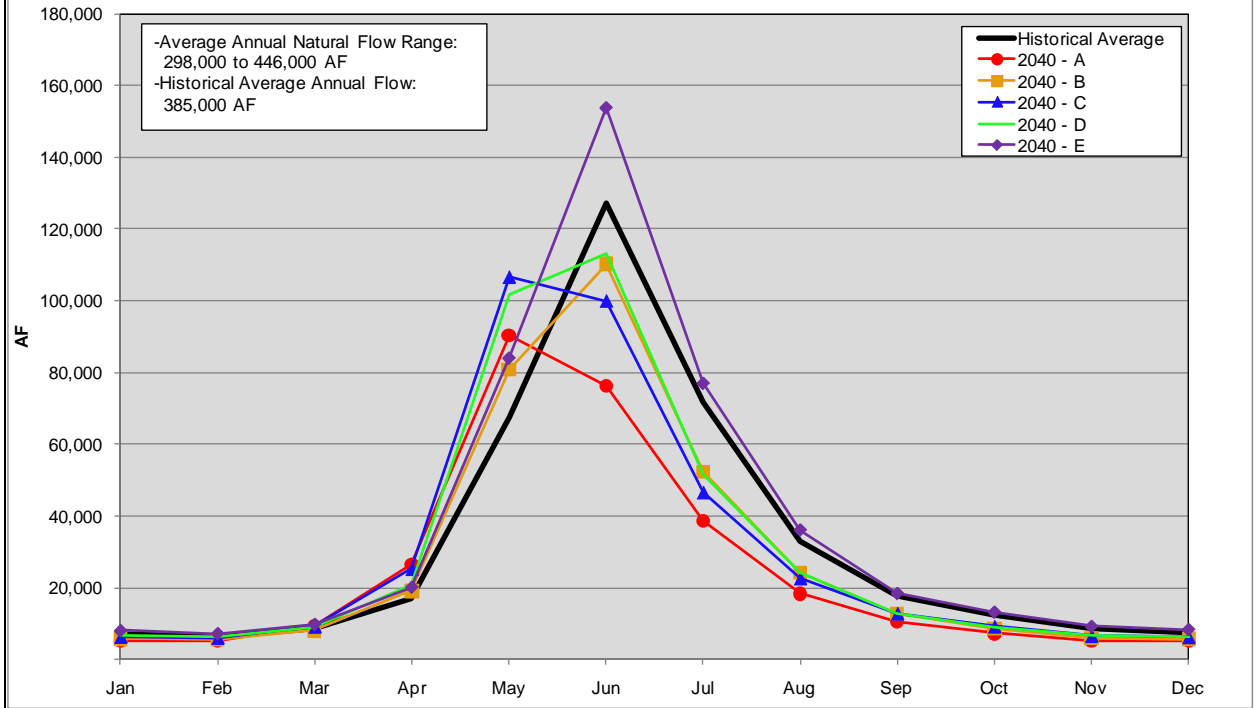
**Figure C2. Muddy Creek at Kremmling (09041500)
2040 Average Monthly Natural Flow**

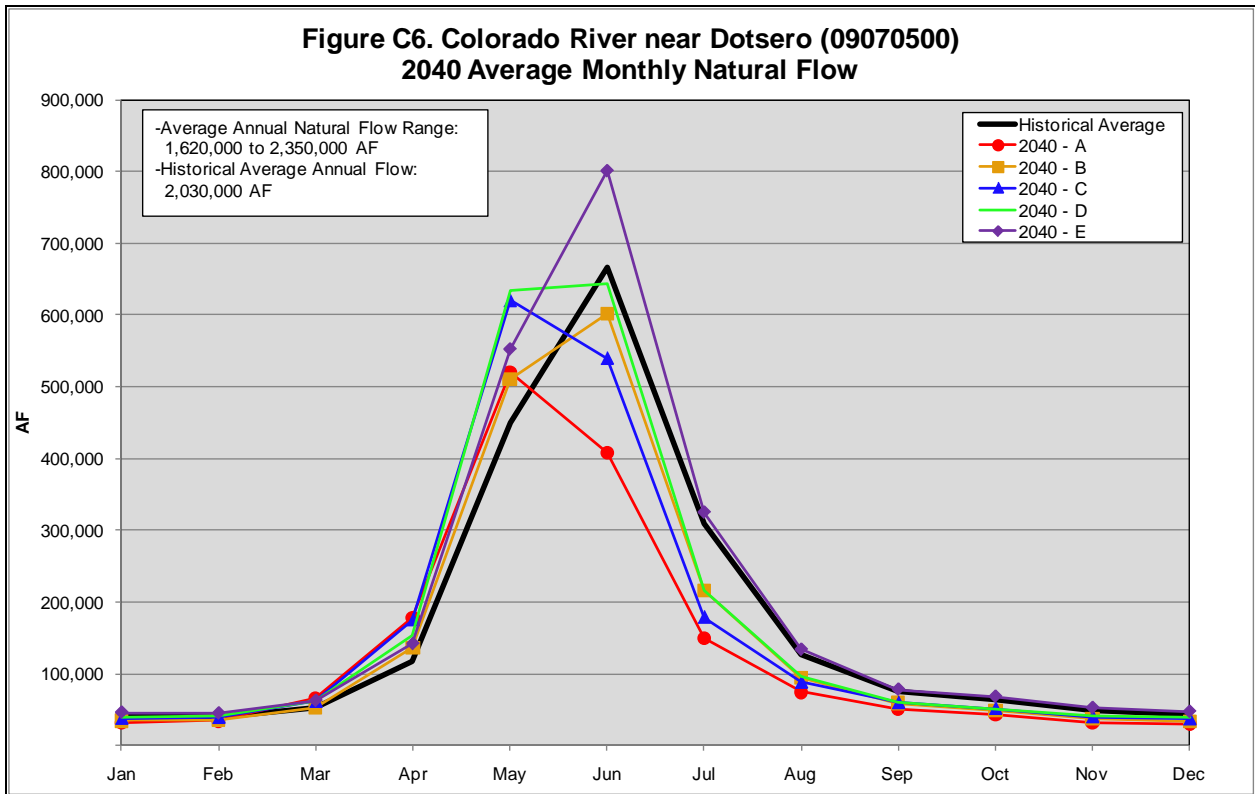
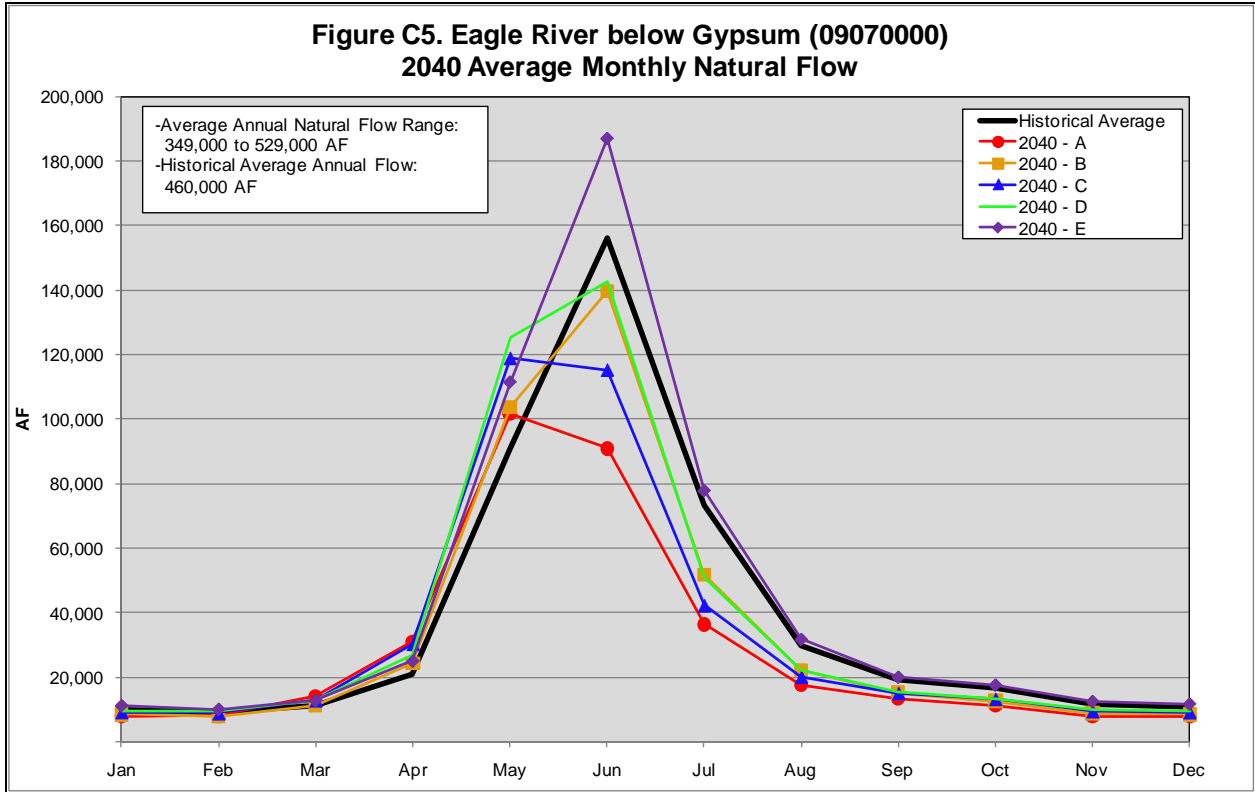


**Figure C3. Blue River below Dillon Reservoir (09050700)
2040 Average Monthly Natural Flow**

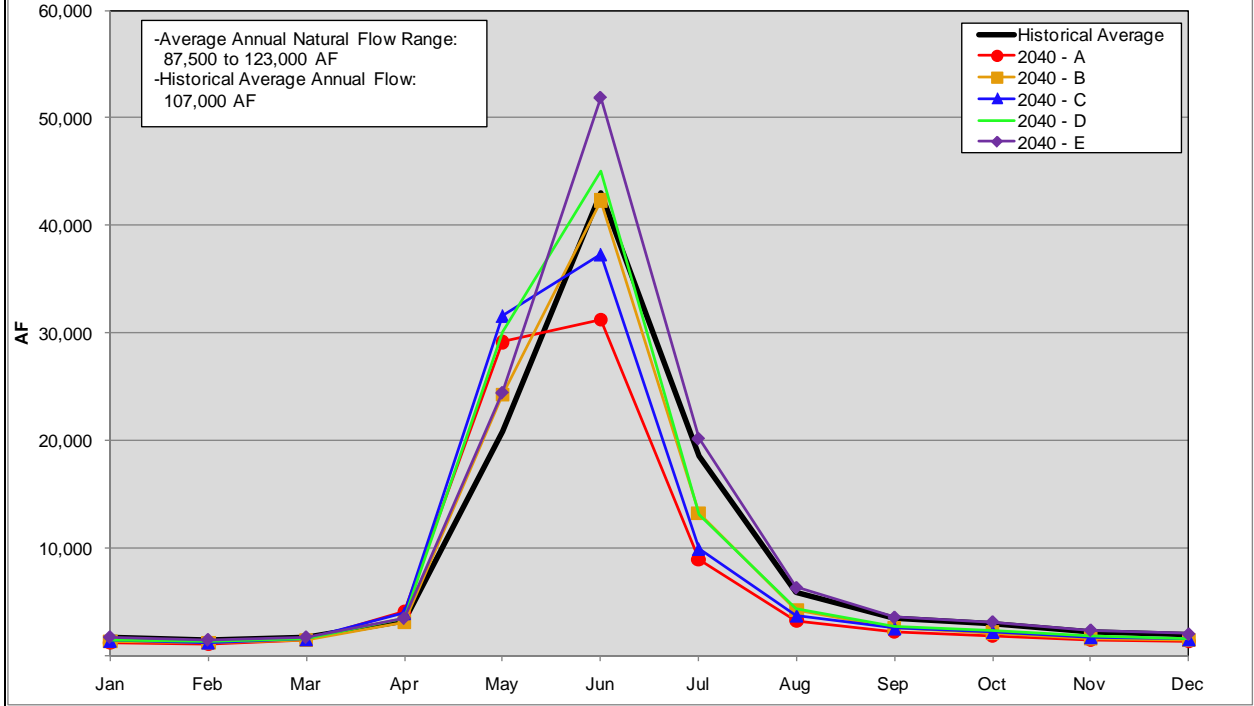


**Figure C4. Blue River below Green Mountain Reservoir (09057500)
2040 Average Monthly Natural Flow**

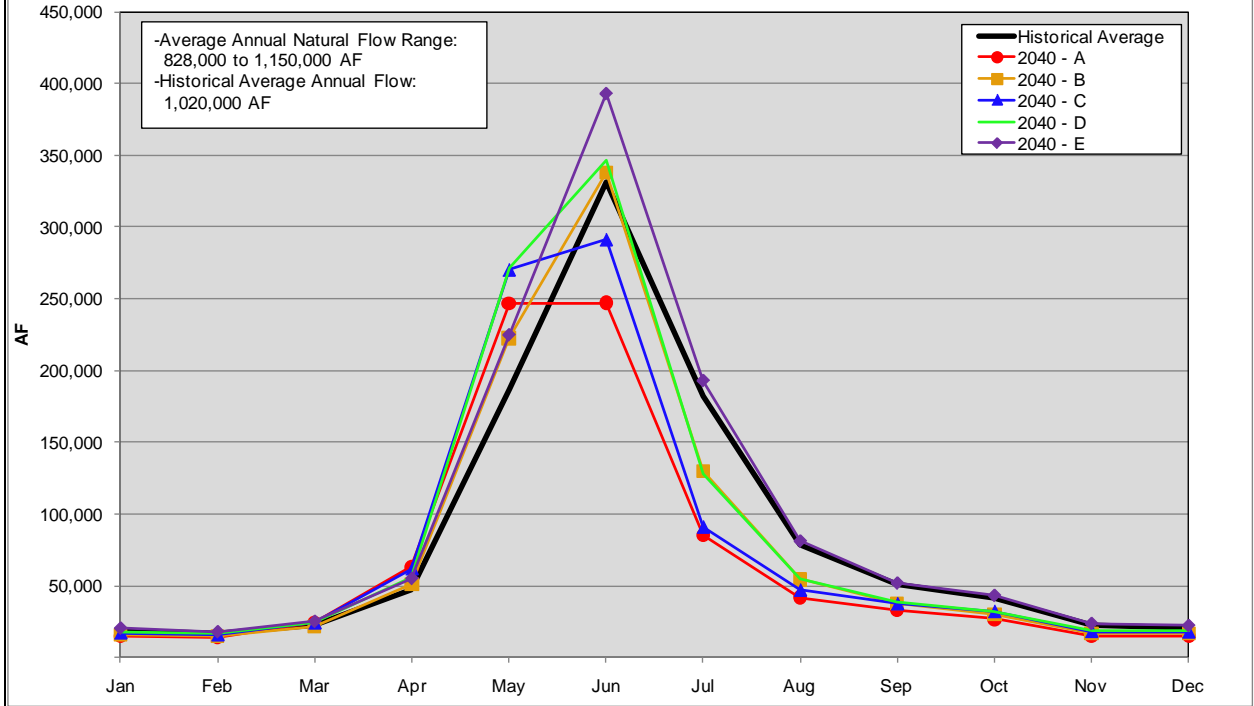


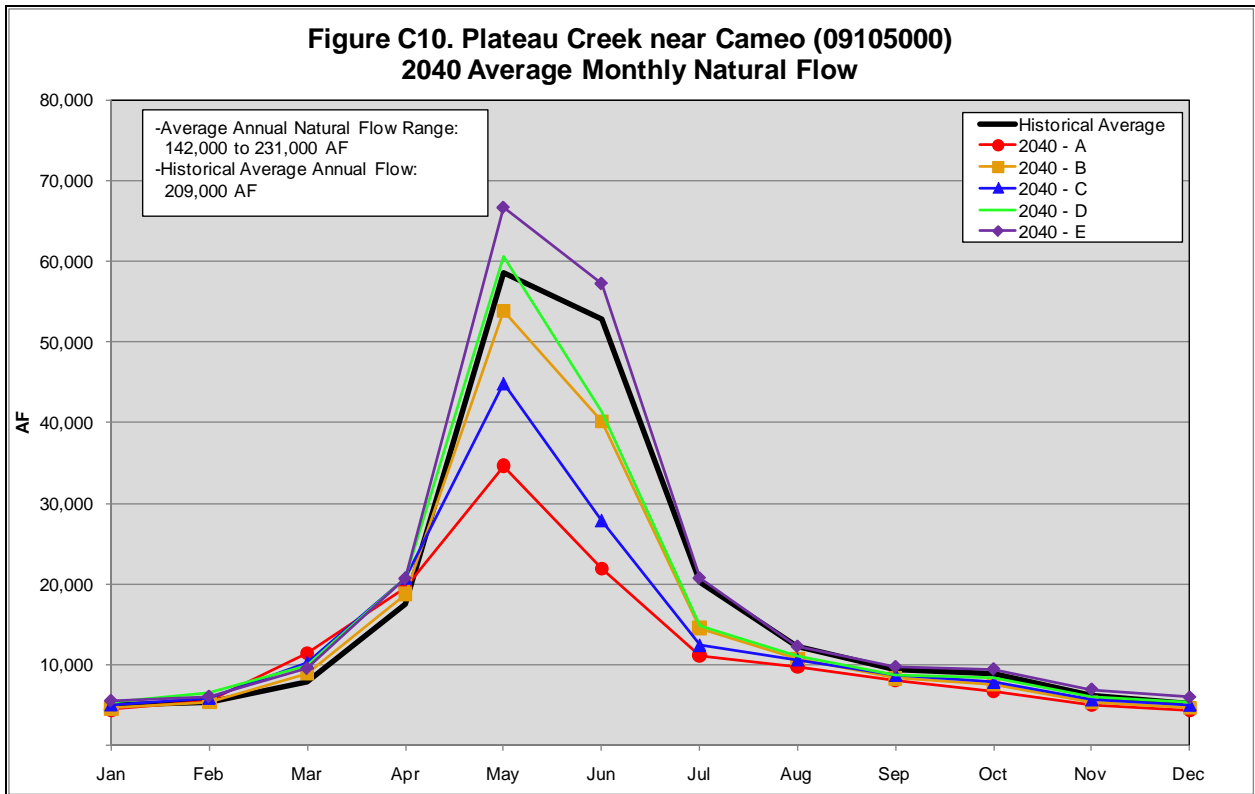
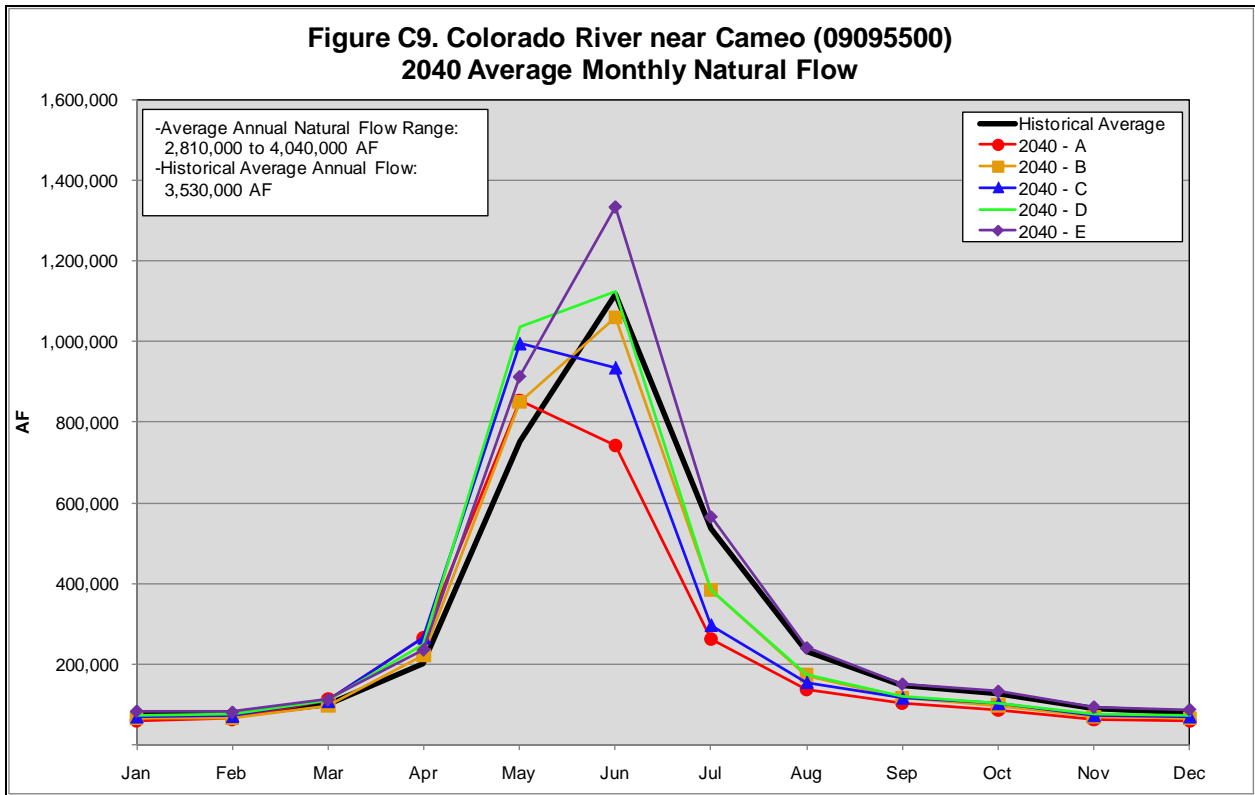


**Figure C7. Roaring Fork River near Aspen (09073400)
2040 Average Monthly Natural Flow**

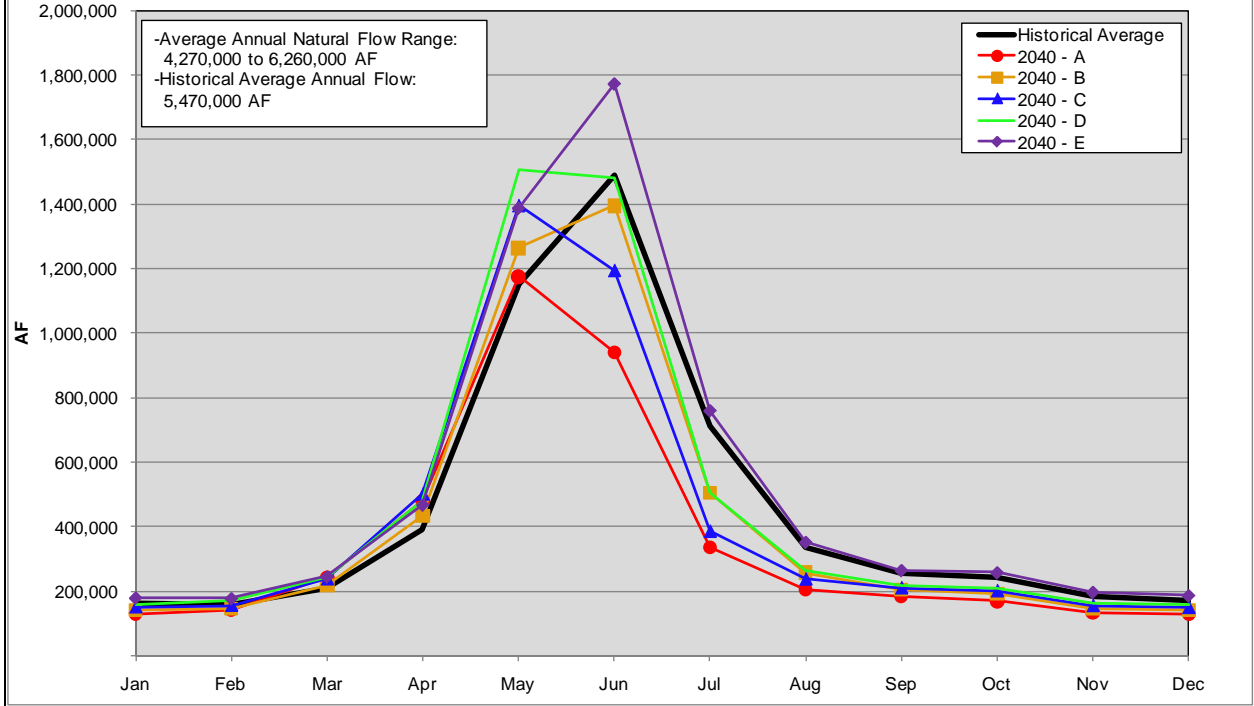


**Figure C8. Roaring Fork River at Glenwood Springs (09085000)
2040 Average Monthly Natural Flow**

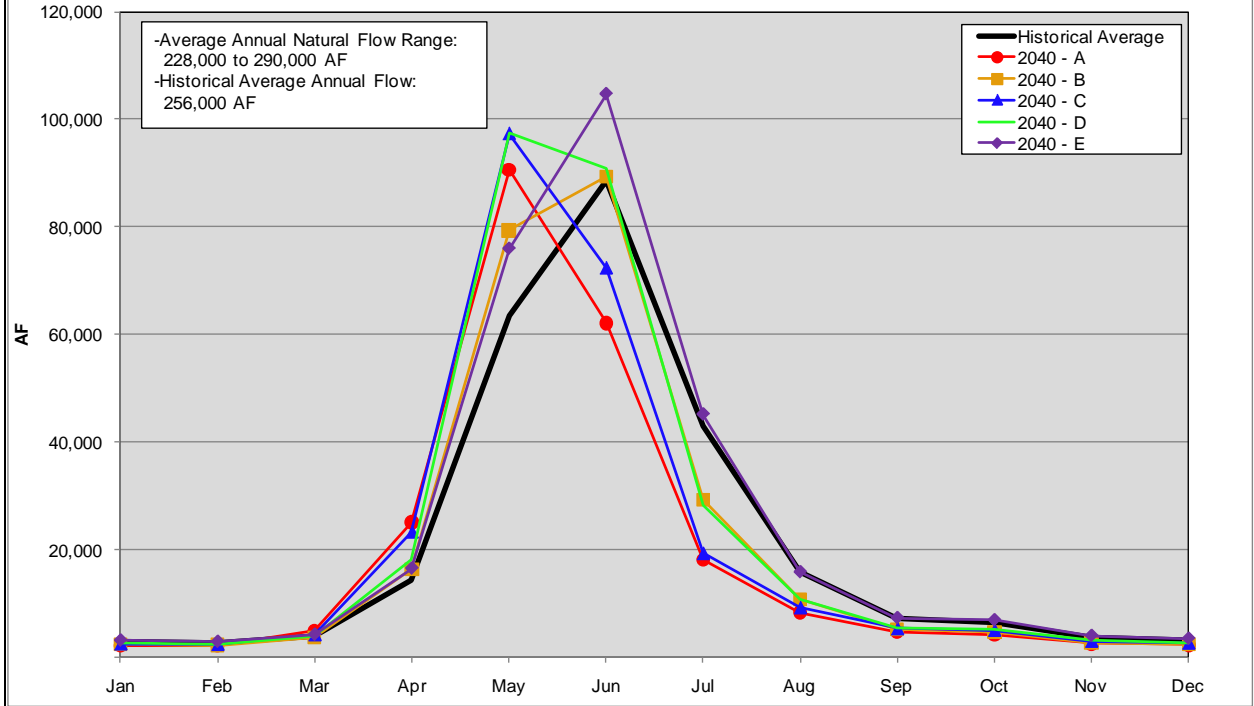




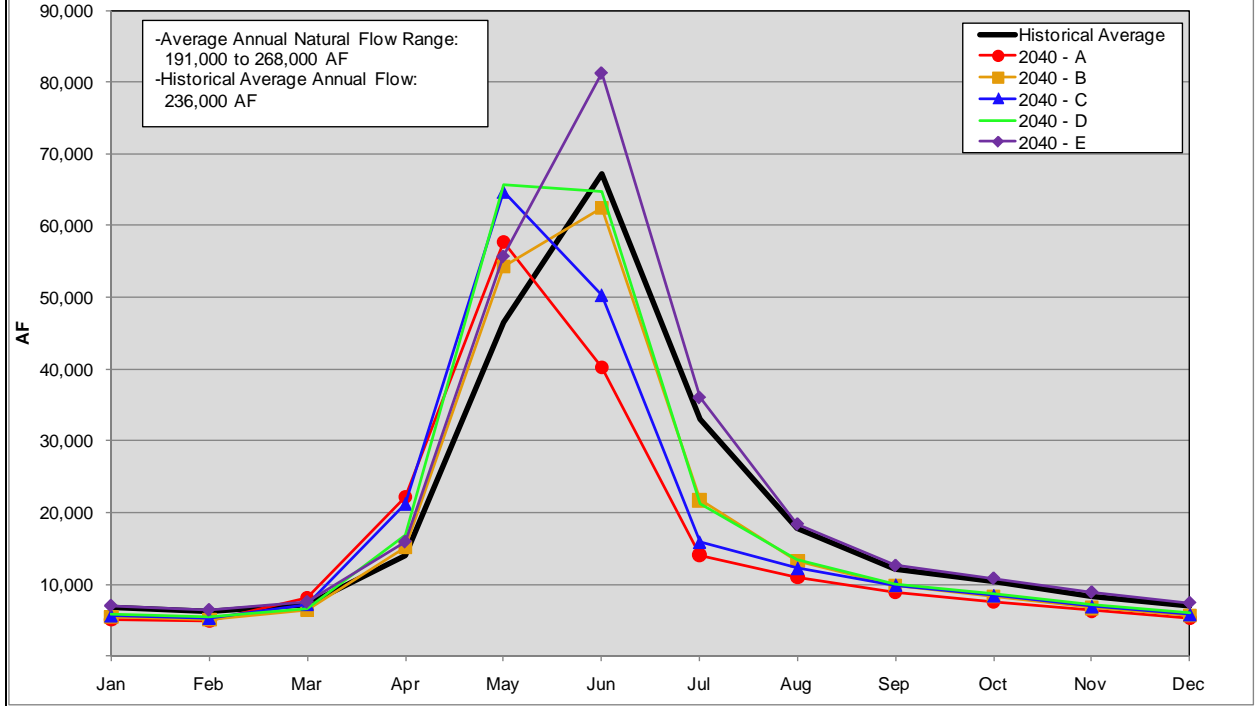
**Figure C11. Colorado River near Colorado-Utah State Line (09163500)
2040 Average Monthly Natural Flow**



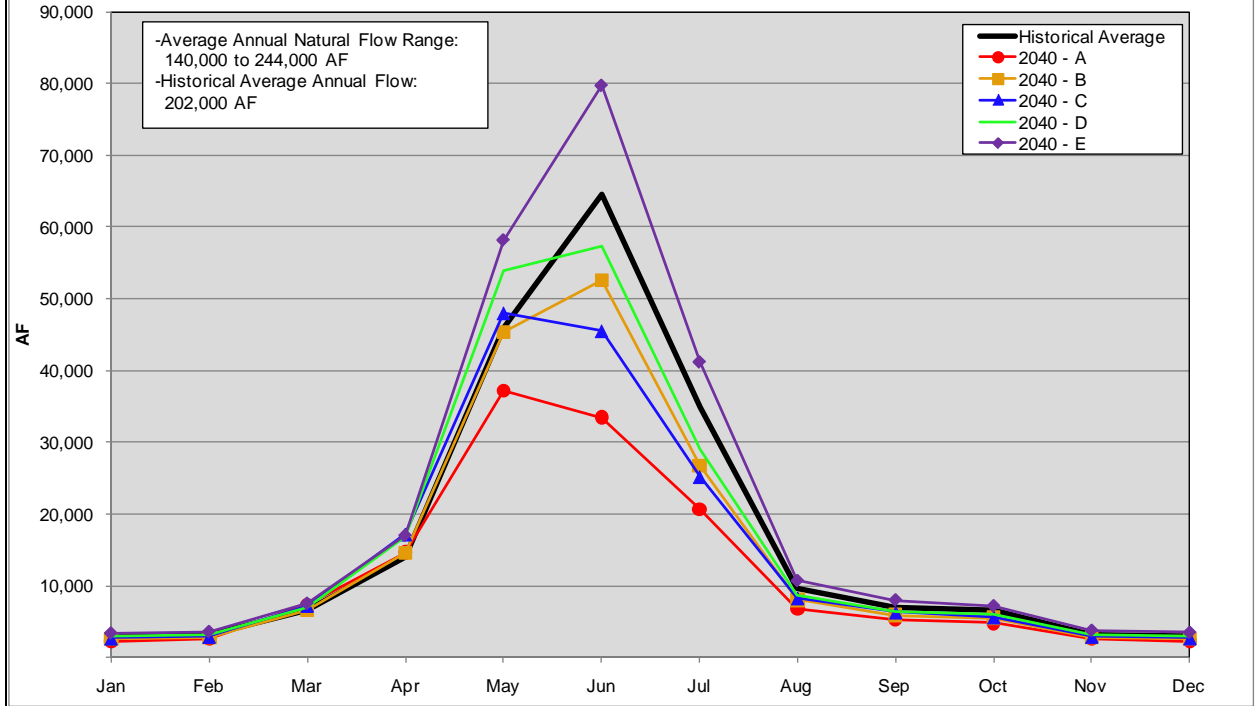
**Figure C12. East River at Almont (09112500)
2040 Average Monthly Natural Flow**



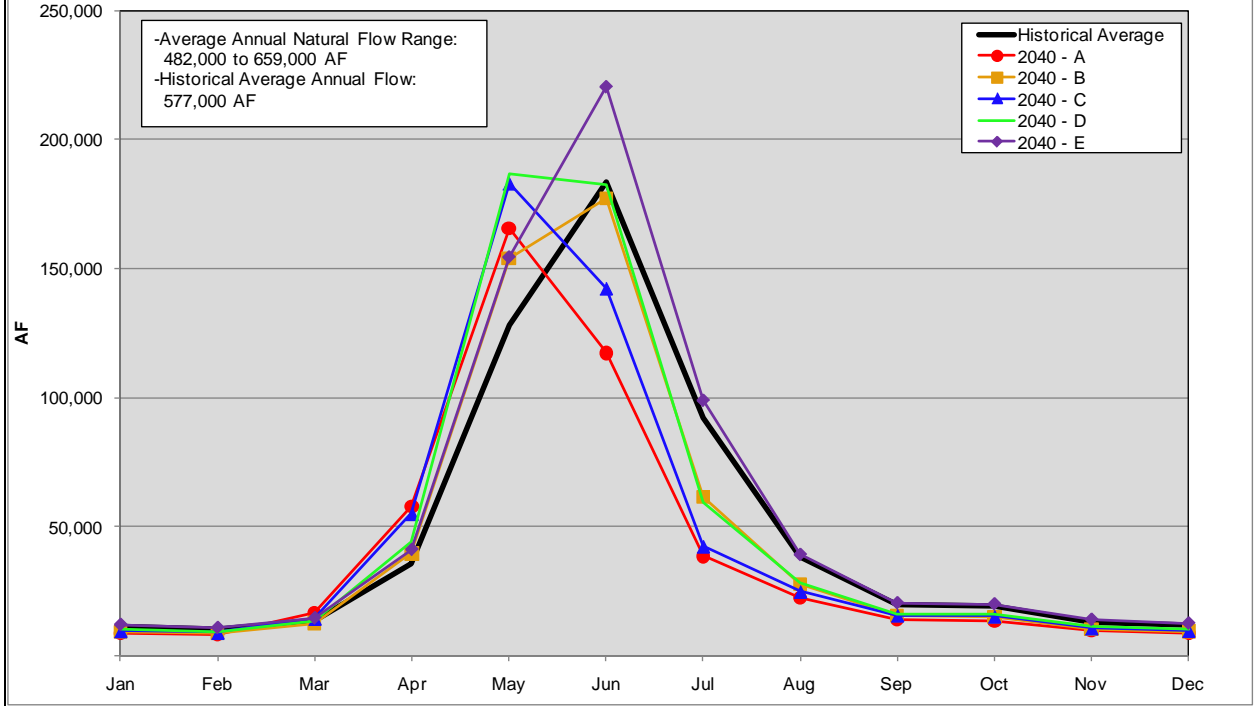
**Figure C13. Taylor River at Almont (09110000)
2040 Average Monthly Natural Flow**



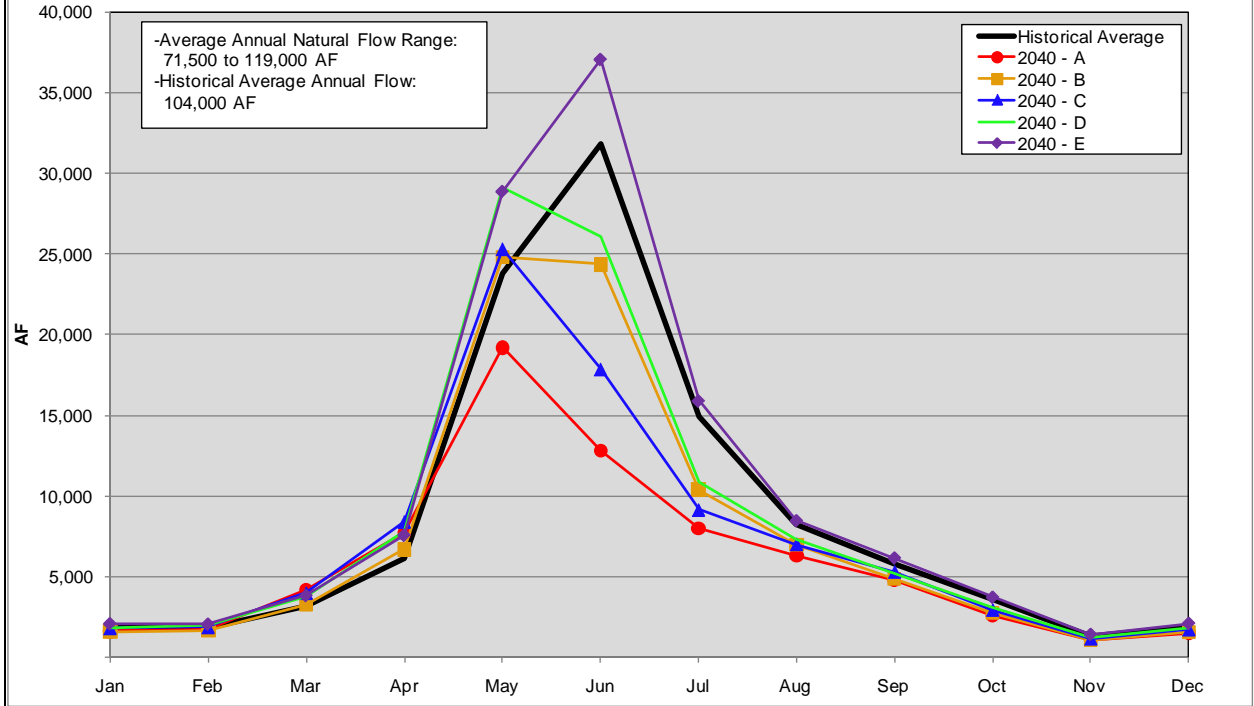
**Figure C14. Tomichi Creek at Gunnison (09119000)
2040 Average Monthly Natural Flow**



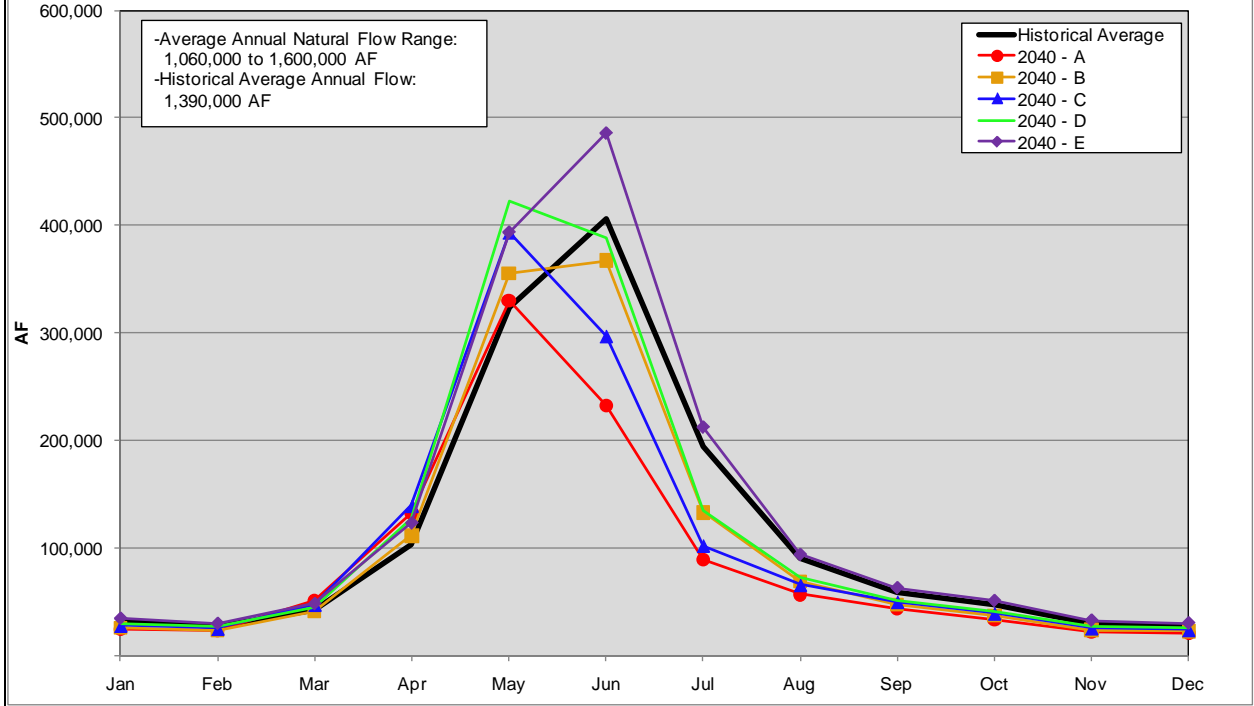
**Figure C15. Gunnison River near Gunnison (09114500)
2040 Average Monthly Natural Flow**



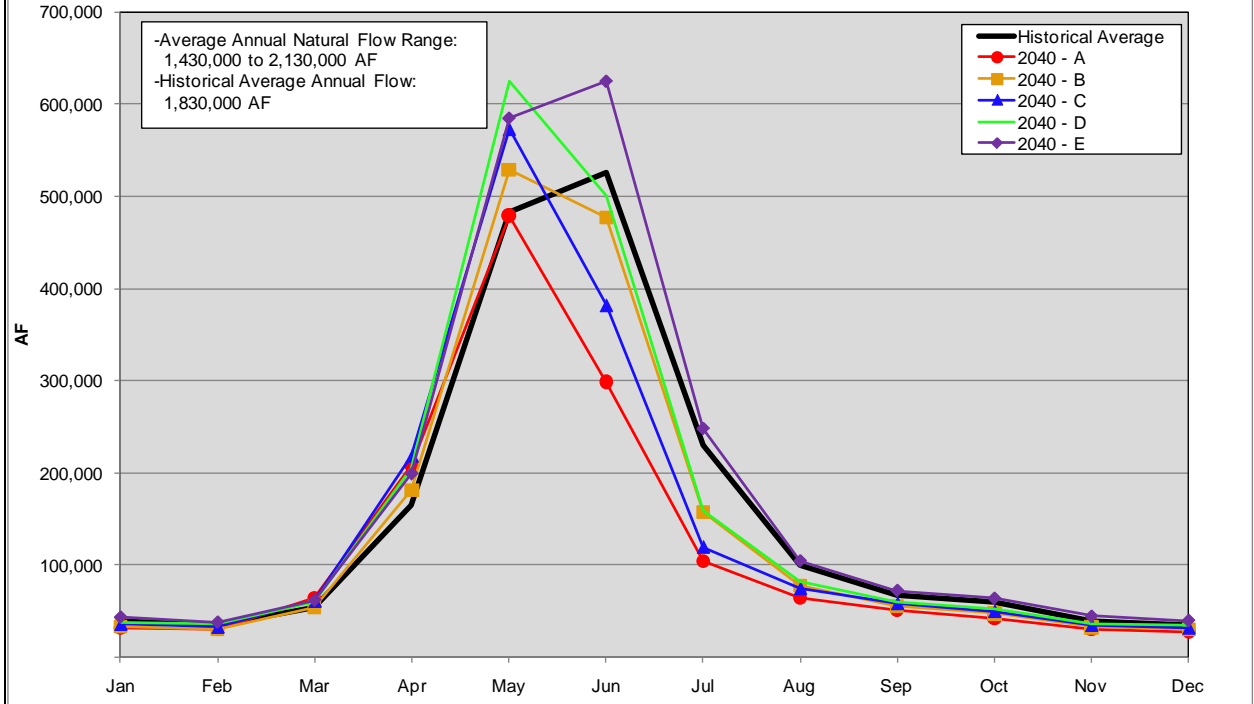
**Figure C16. Cimarron River at Cimarron (09126500)
2040 Average Monthly Natural Flow**



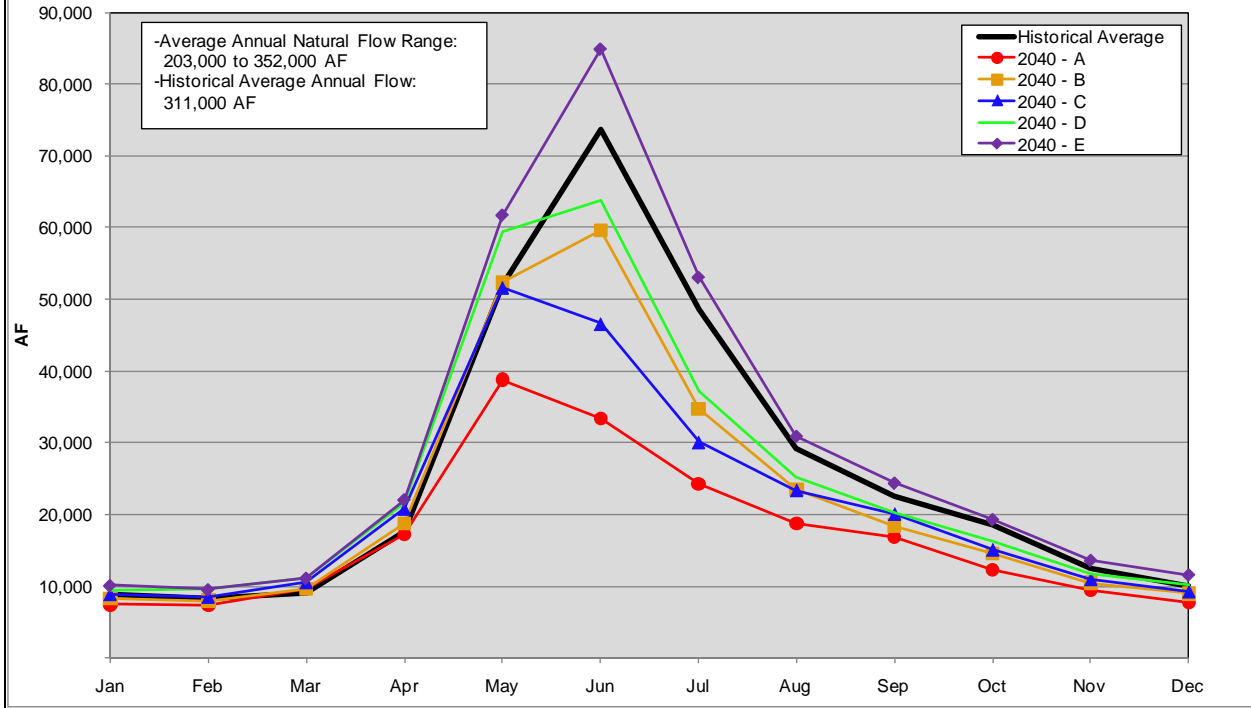
**Figure C17. Gunnison River below Gunnison Tunnel (09128000)
2040 Average Monthly Natural Flow**



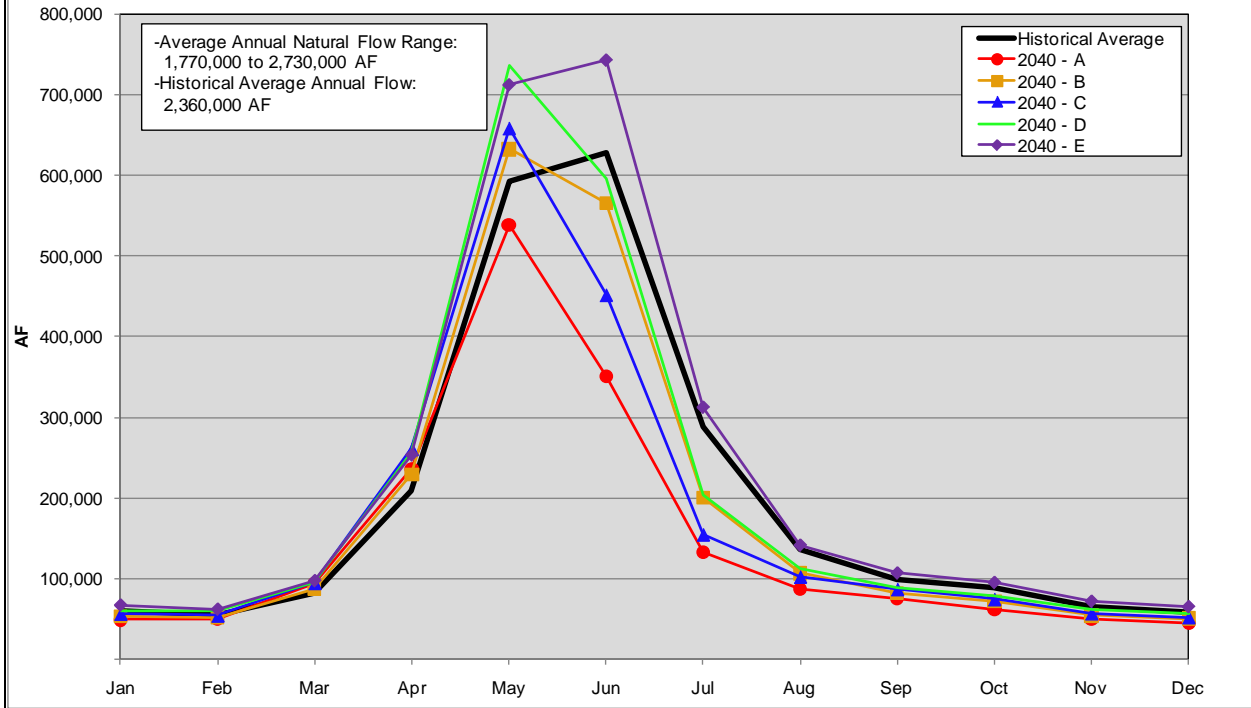
**Figure C18. Gunnison River near Lazear (09136200)
2040 Average Monthly Natural Flow**



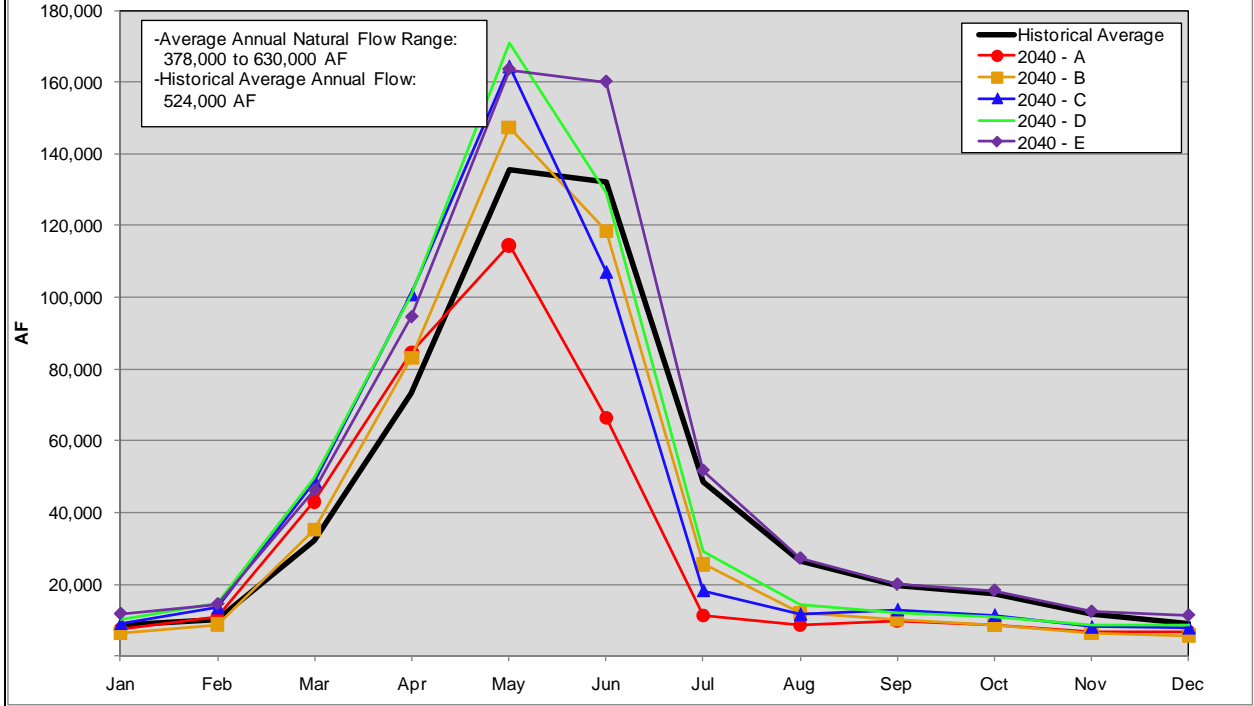
**Figure C19. Uncompahgre River at Delta (09149500)
2040 Average Monthly Natural Flow**



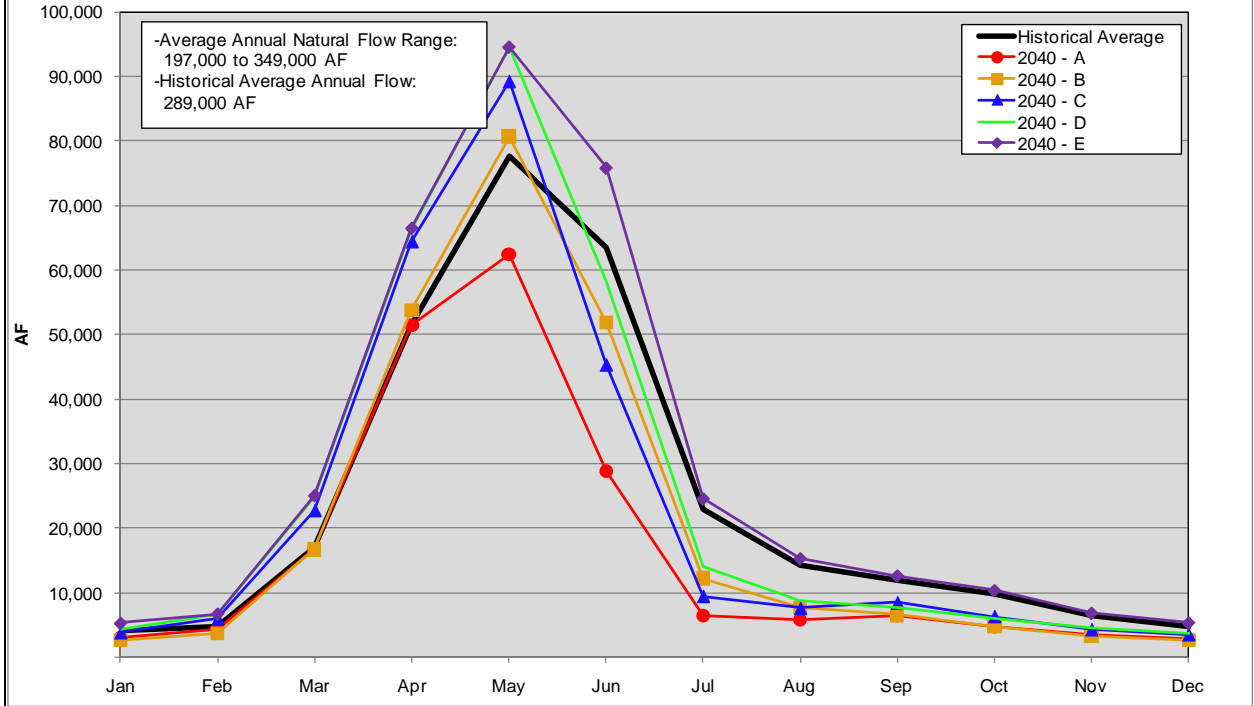
**Figure C20. Gunnison River near Grand Junction (09152500)
2040 Average Monthly Natural Flow**



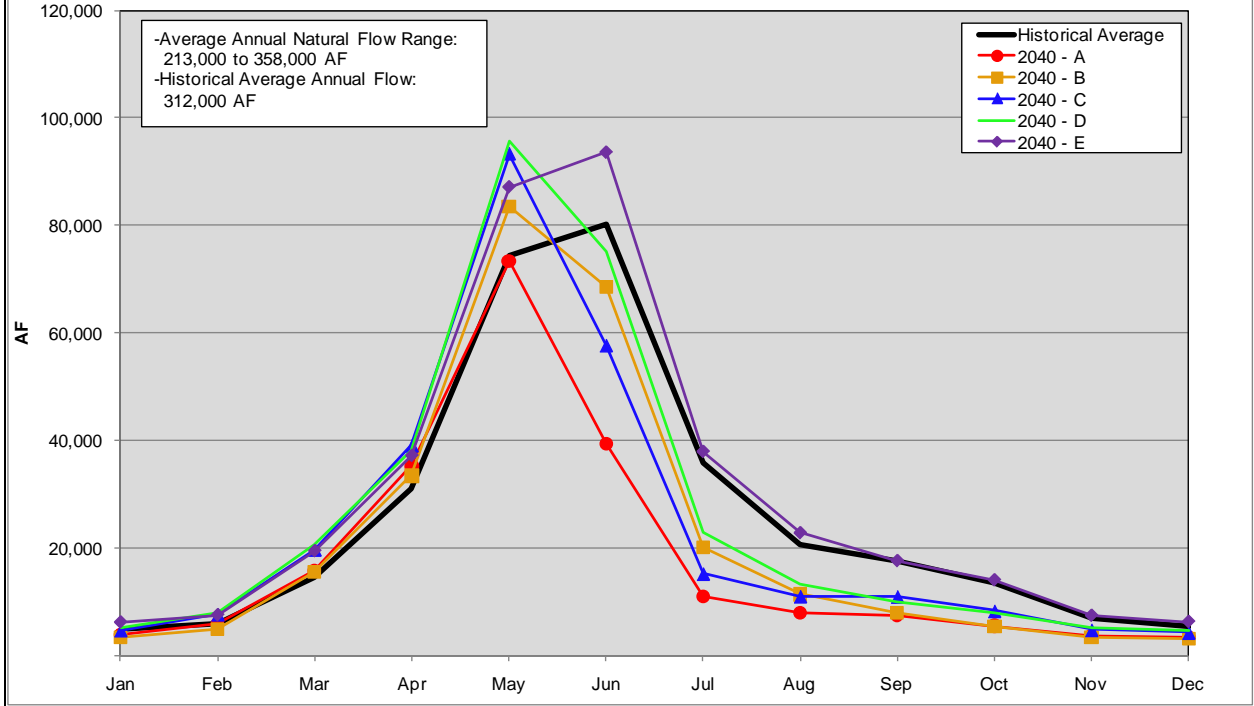
**Figure C21. San Juan River near Carracas (09346400)
2040 Average Monthly Natural Flow**



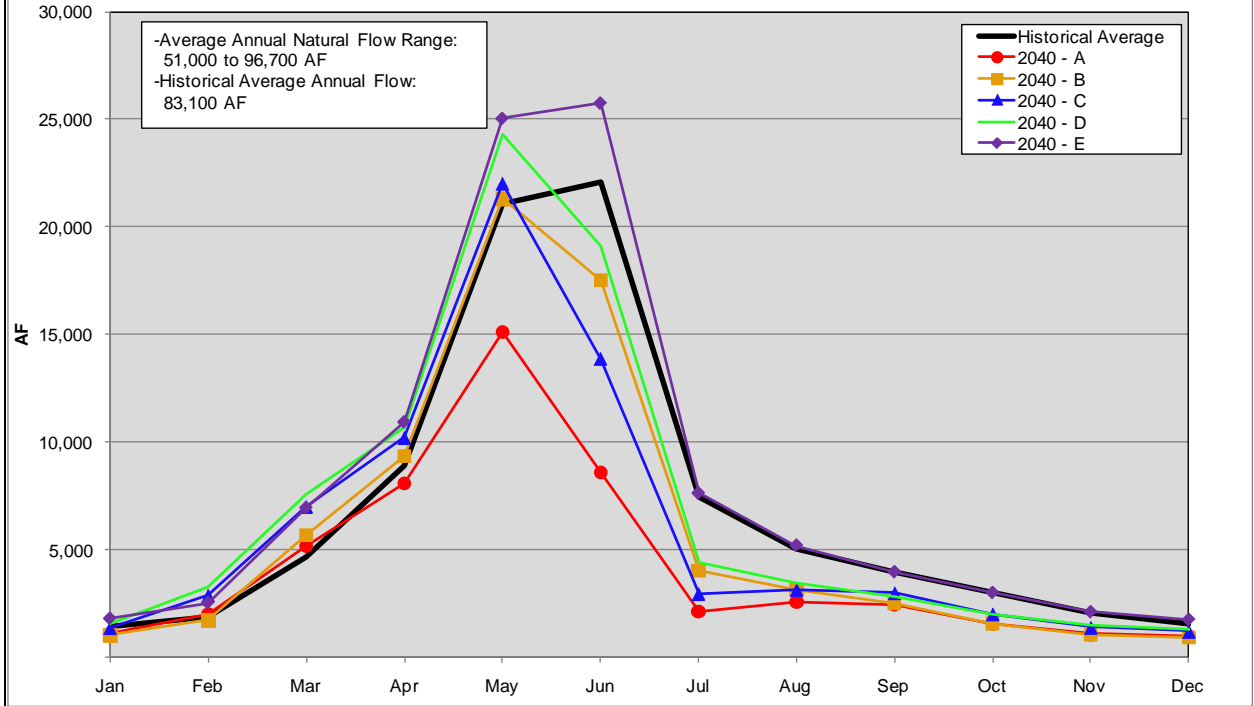
**Figure C22. Piedra River near Arboles (09349800)
2040 Average Monthly Natural Flow**



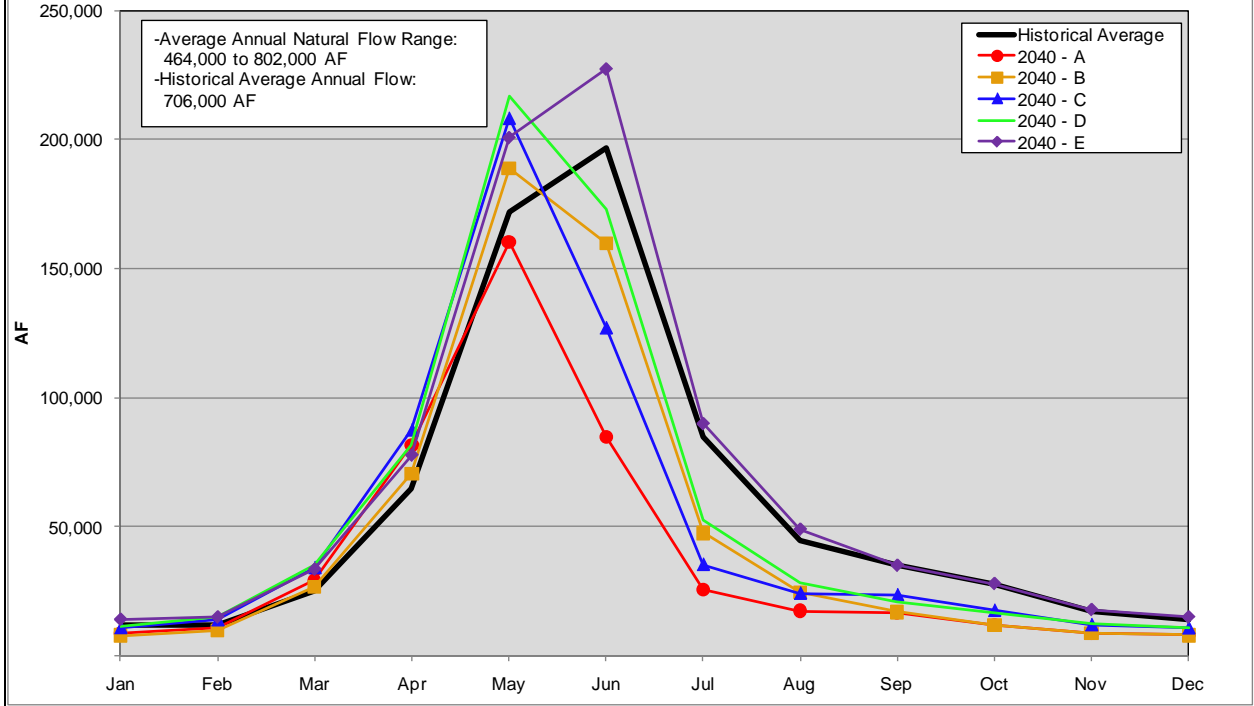
**Figure C23. Los Pinos River at La Boca (09354500)
2040 Average Monthly Natural Flow**



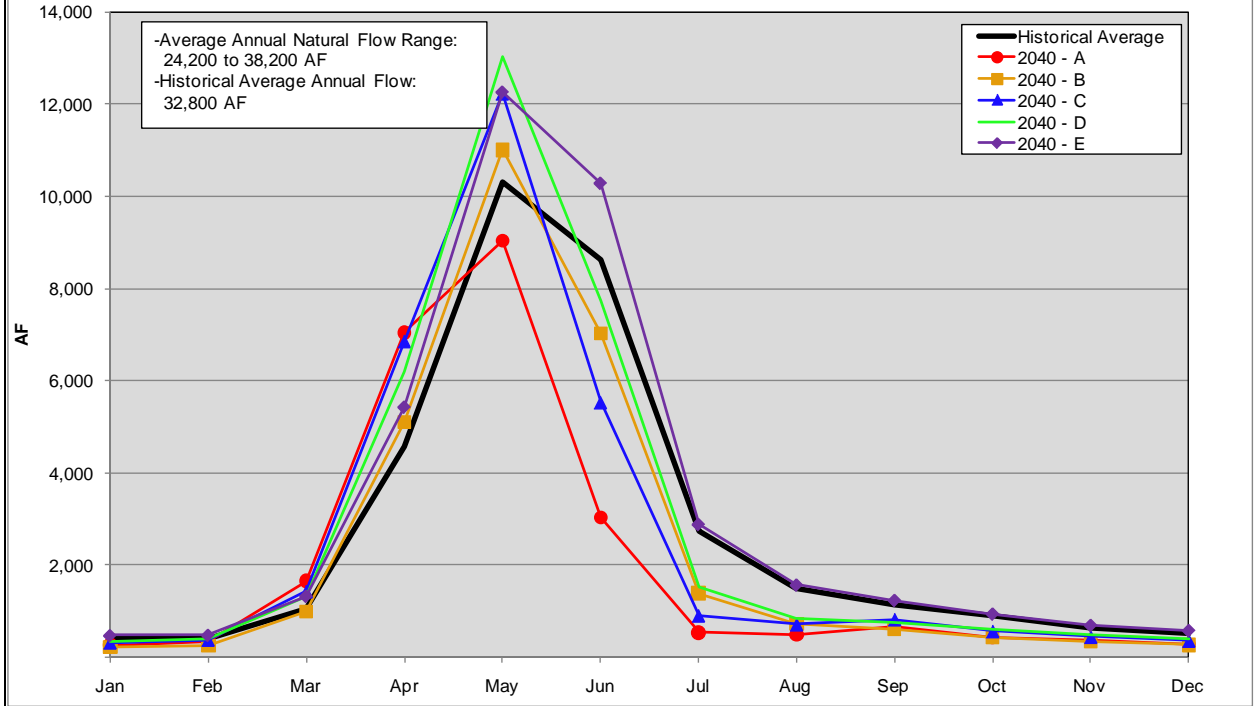
**Figure C24. Florida River at Bondad (09363200)
2040 Average Monthly Natural Flow**



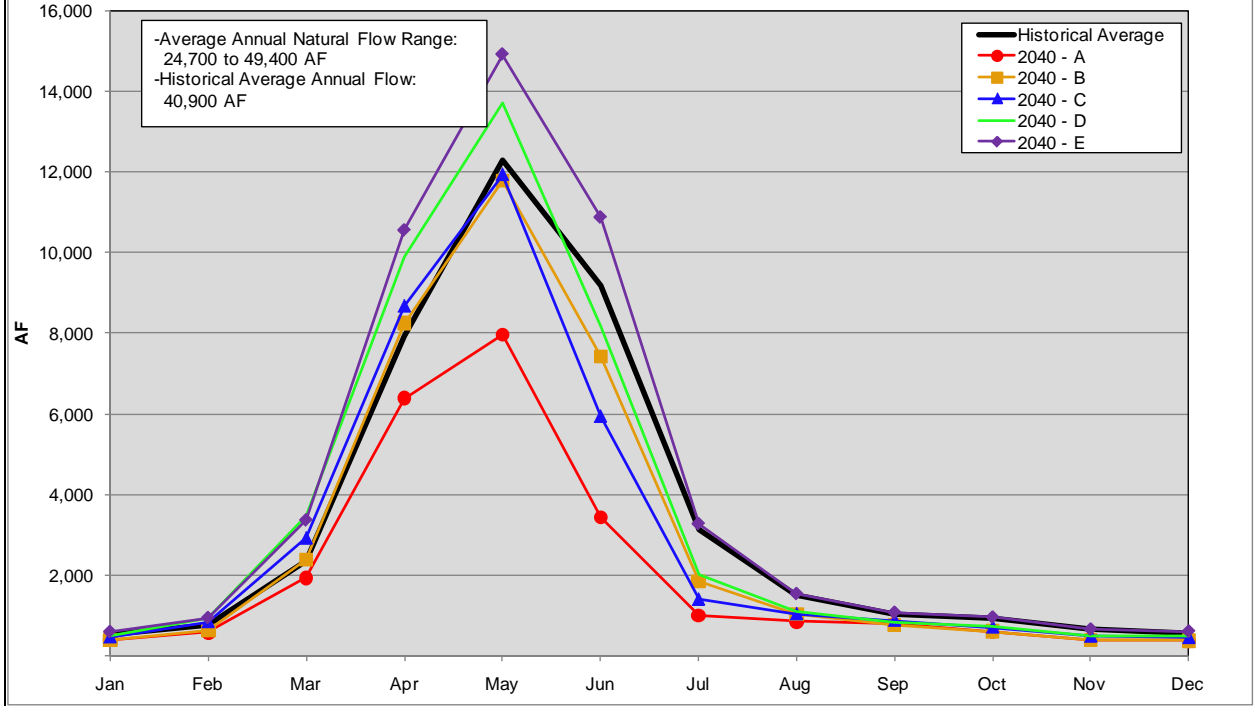
**Figure C25. Animas River near Cedar Hill, NM (09363500)
2040 Average Monthly Natural Flow**



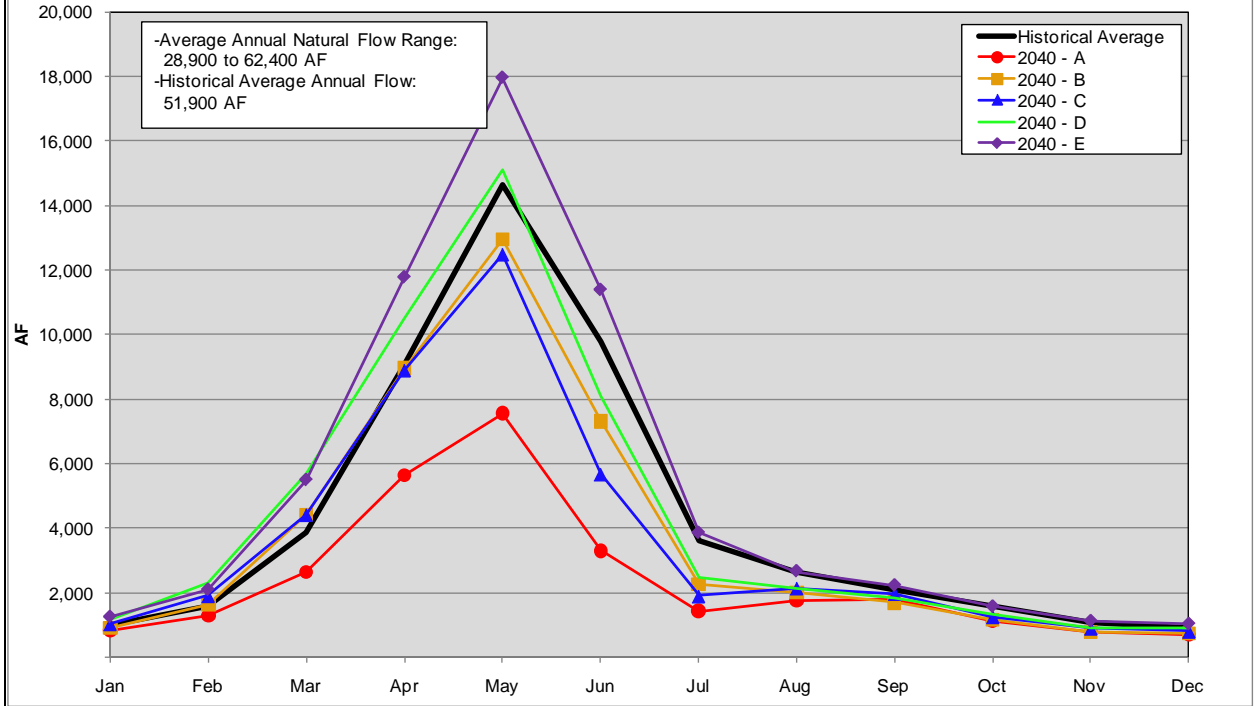
**Figure C26. La Plata River at Hesperus (09365500)
2040 Average Monthly Natural Flow**



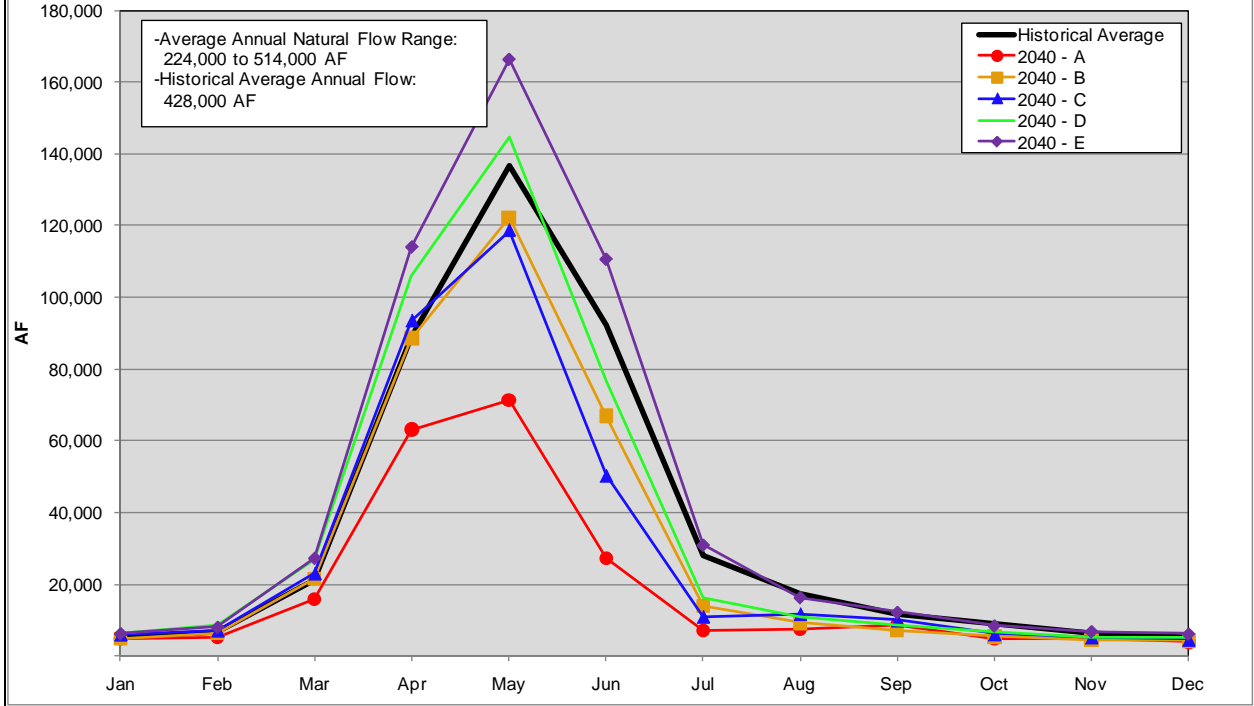
**Figure C27. La Plata River at the CO-NM Stateline (09366500)
2040 Average Monthly Natural Flow**



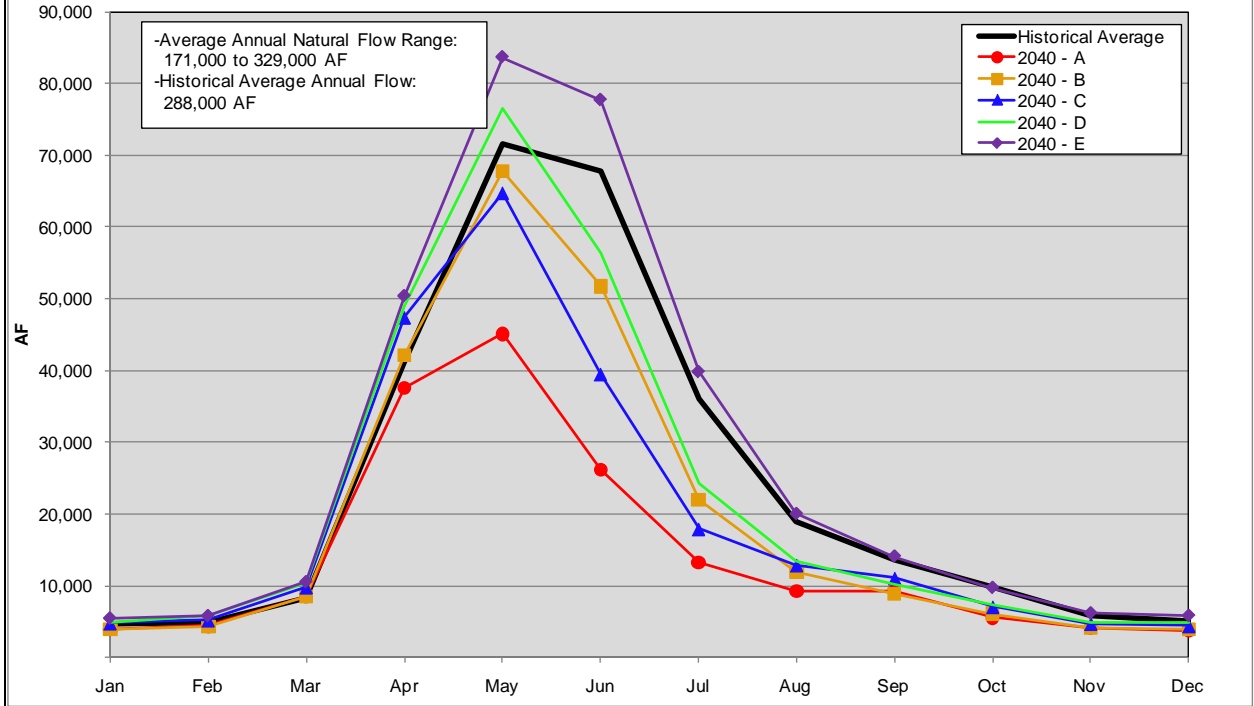
**Figure C28. Mancos River near Towaoc (09371000)
2040 Average Monthly Natural Flow**



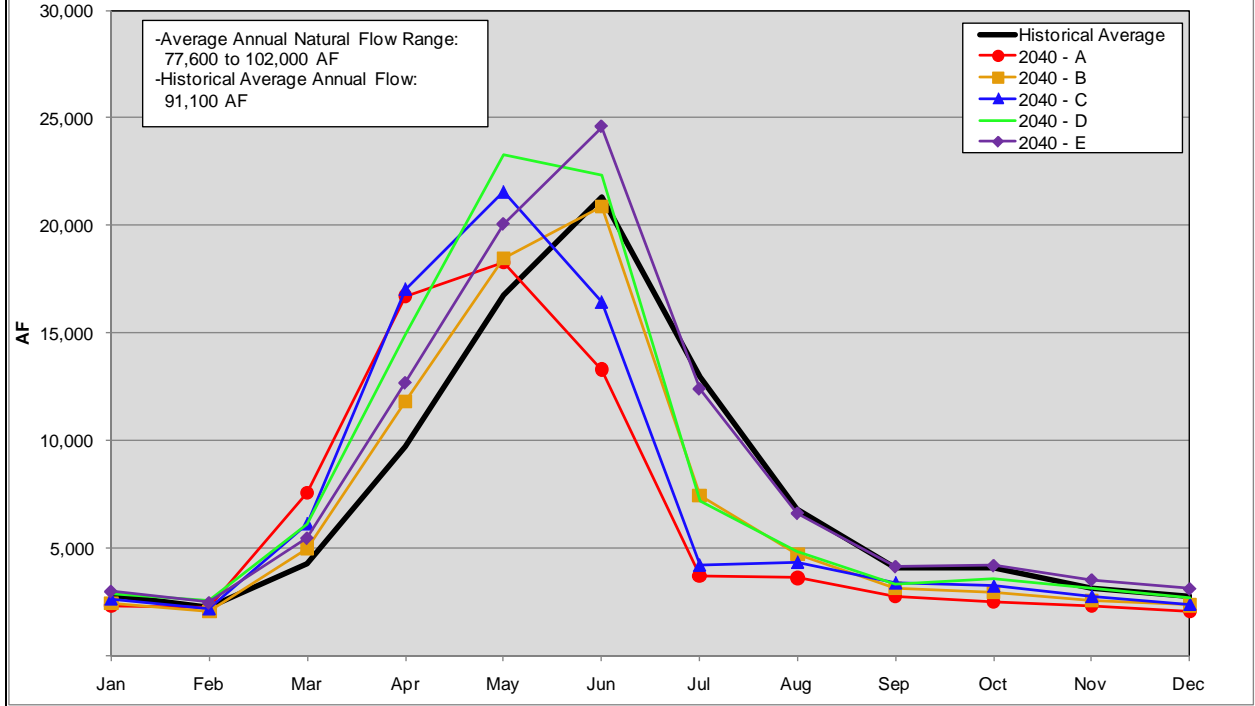
**Figure C29. Dolores River near Bedrock (09171100)
2040 Average Monthly Natural Flow**



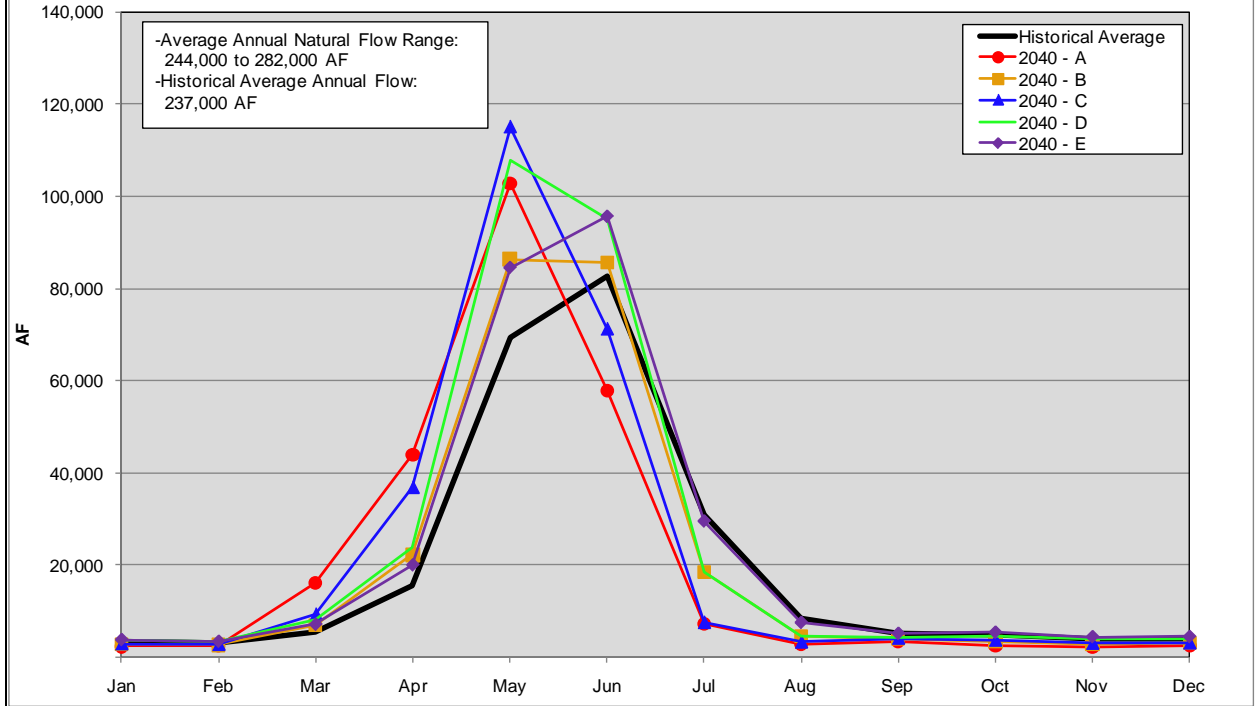
**Figure C30. San Miguel River at Naturita (09175500)
2040 Average Monthly Natural Flow**



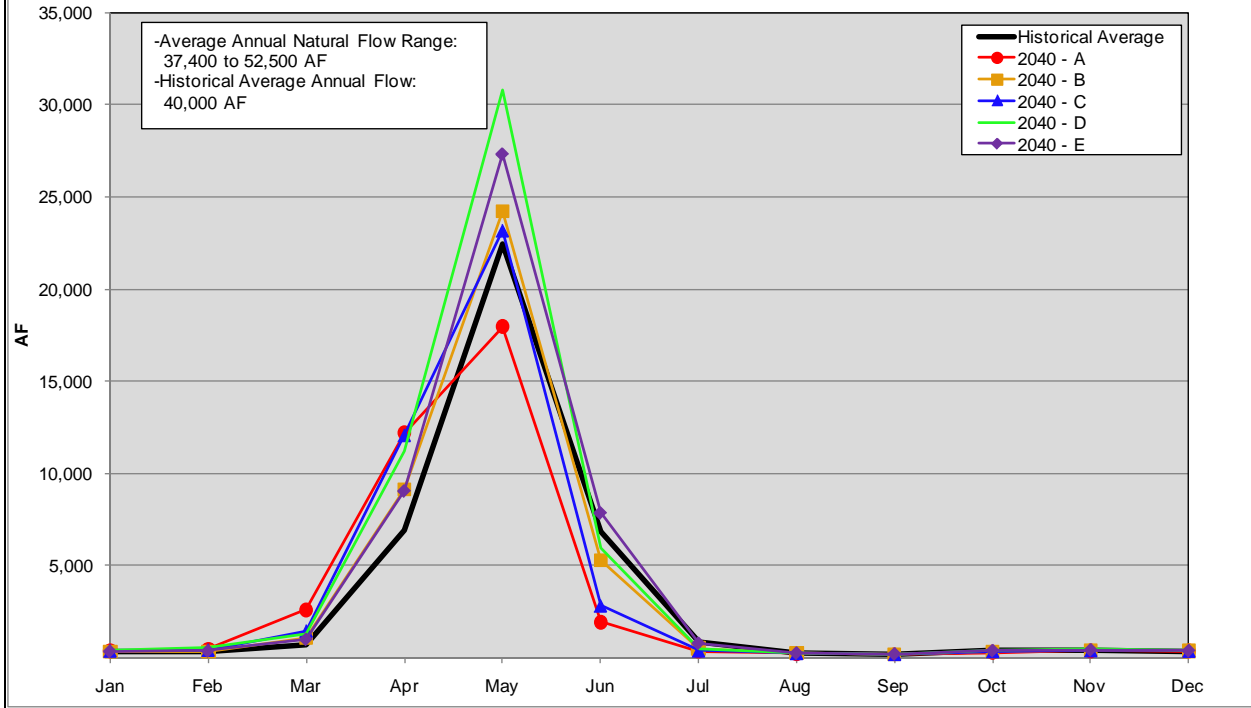
**Figure C31. Yampa River below Stagecoach Reservoir (09237500)
2040 Average Monthly Natural Flow**



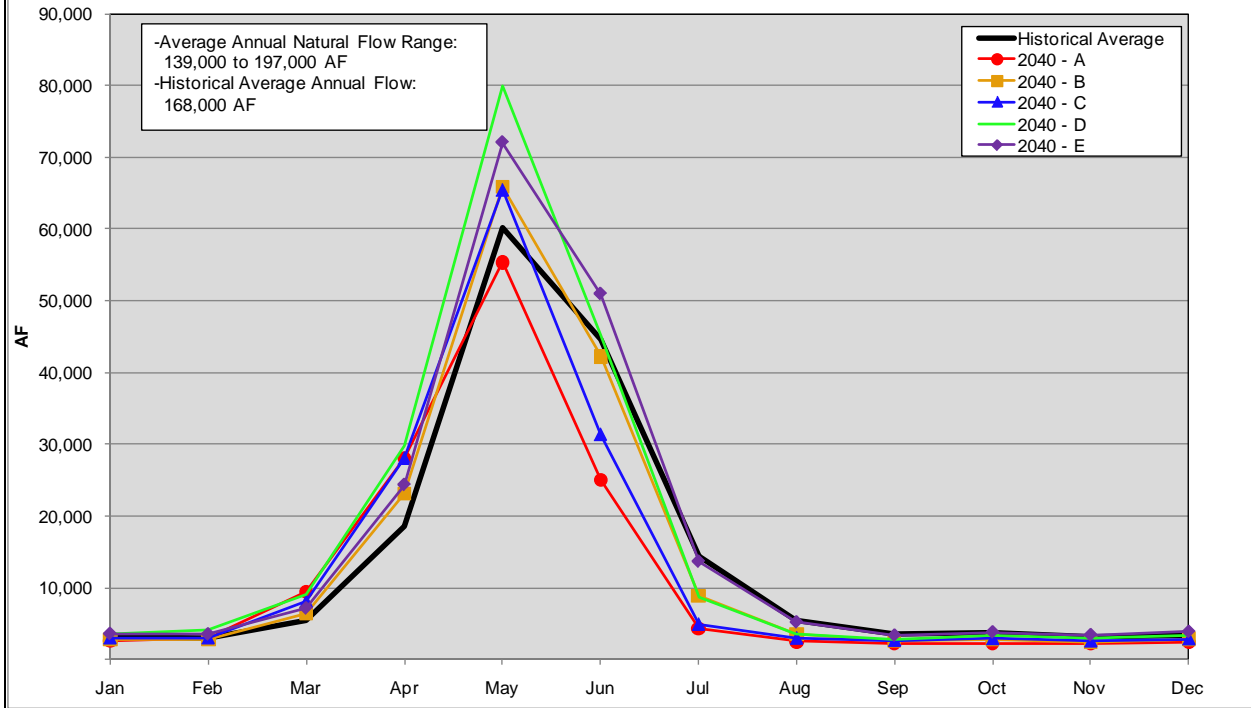
**Figure C32. Elk River at Clark (09241000)
2040 Average Monthly Natural Flow**

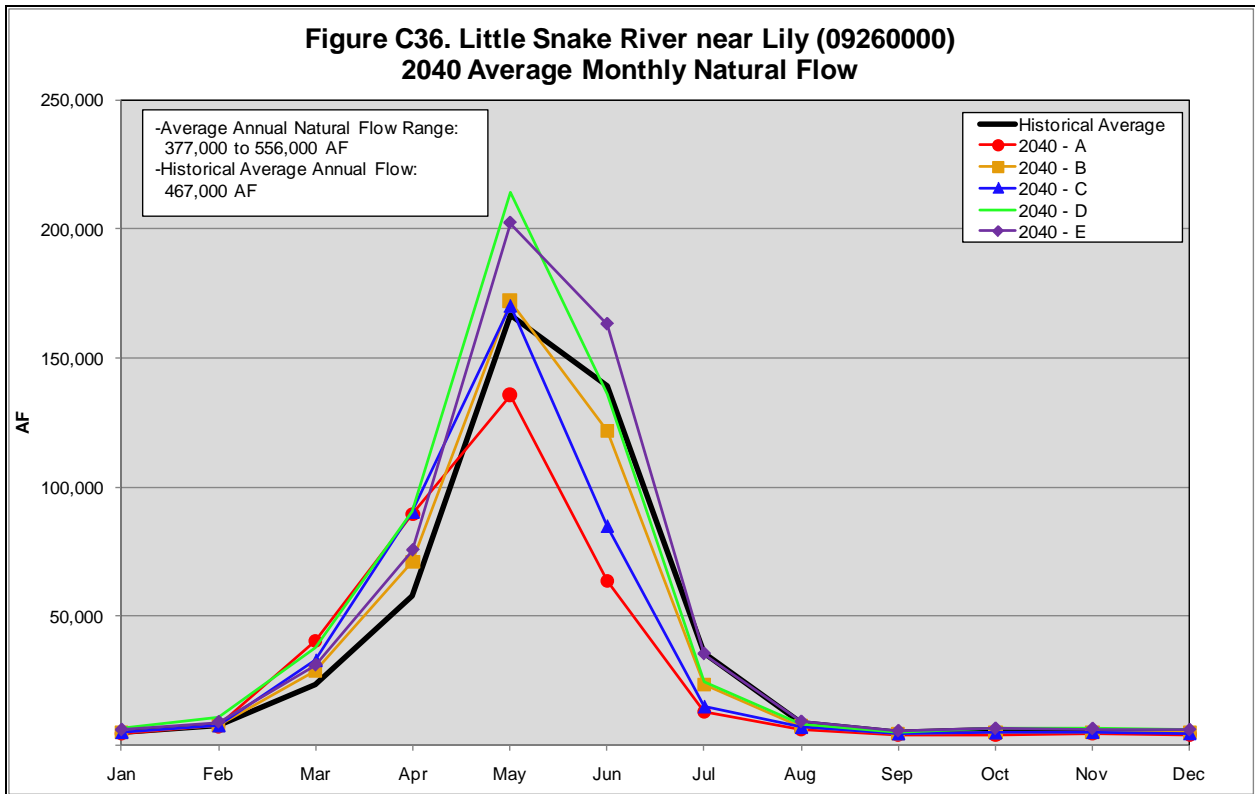
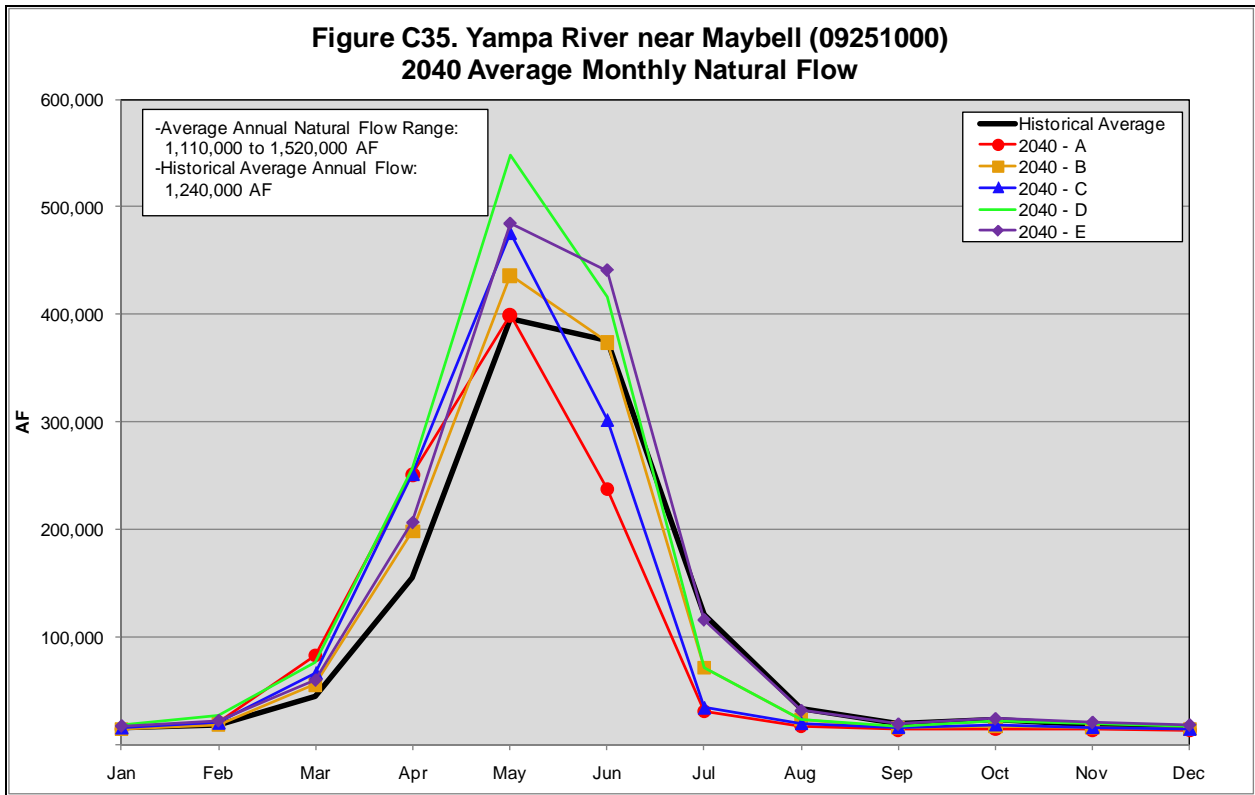


**Figure C33. Elkhead Creek near Elkhead (09245000)
2040 Average Monthly Natural Flow**

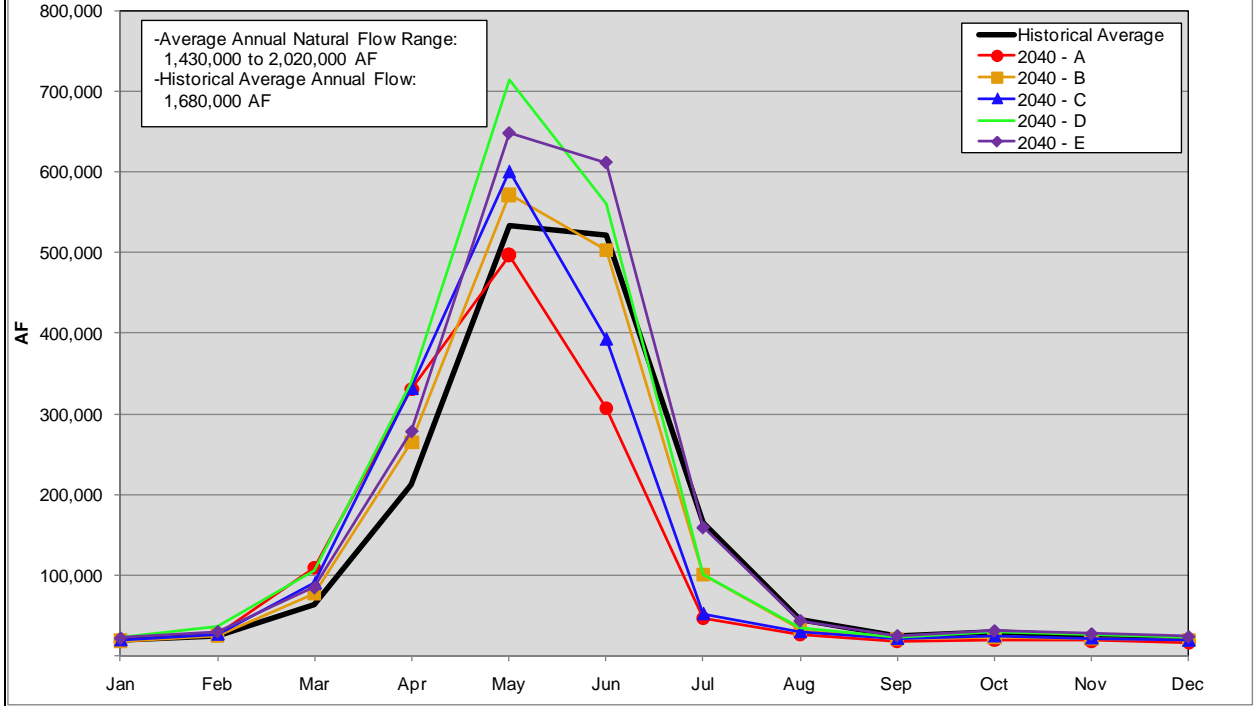


**Figure C34. Williams Fork at Mouth, near Hamilton (09249750)
2040 Average Monthly Natural Flow**

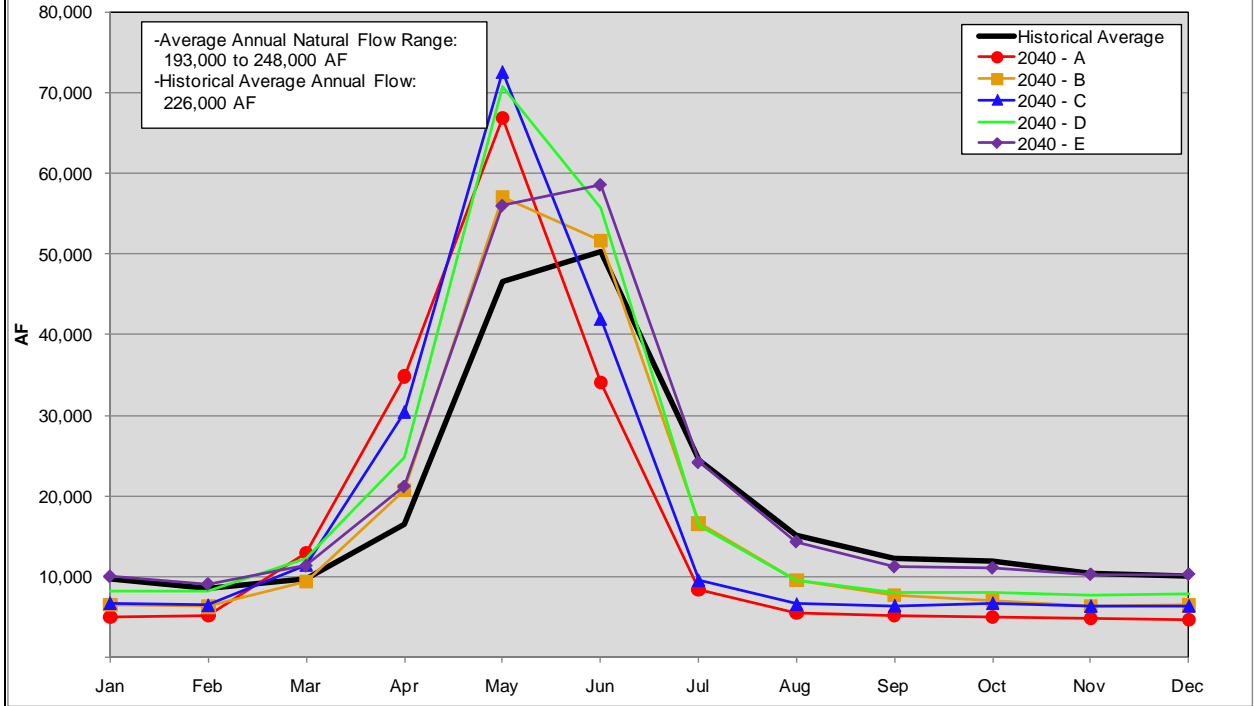




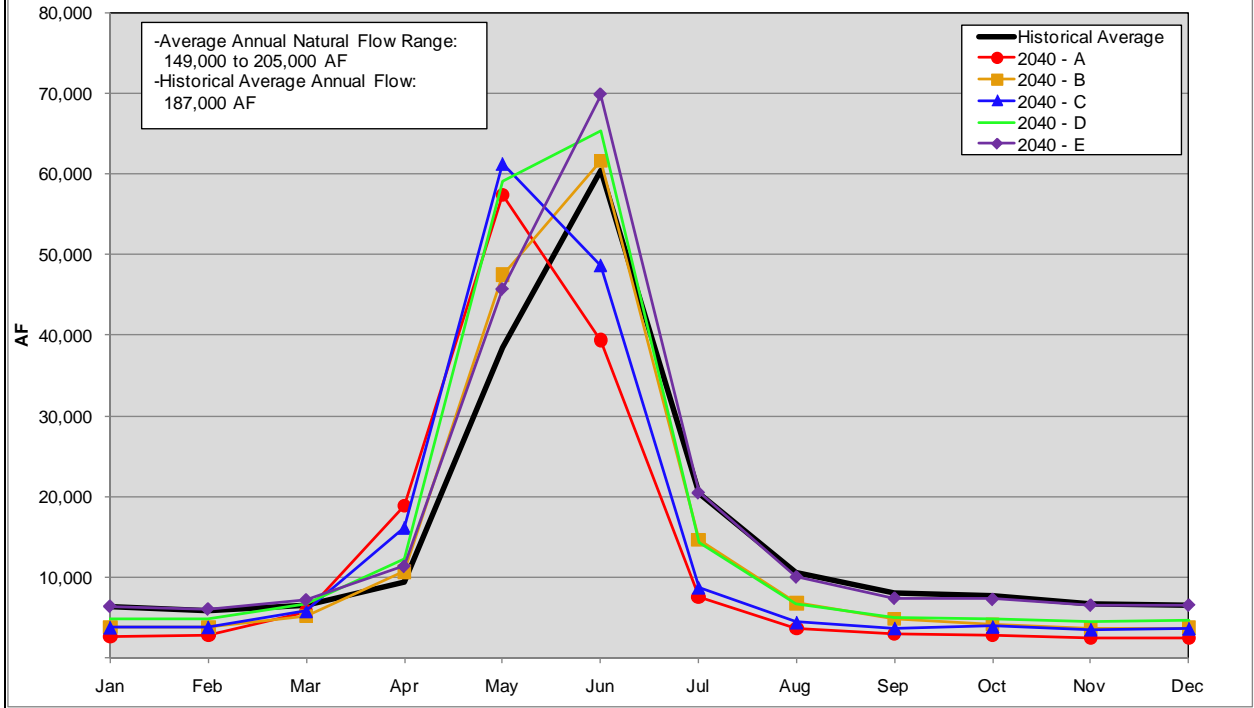
**Figure C37. Yampa River at Deerlodge Park (09260050)
2040 Average Monthly Natural Flow**



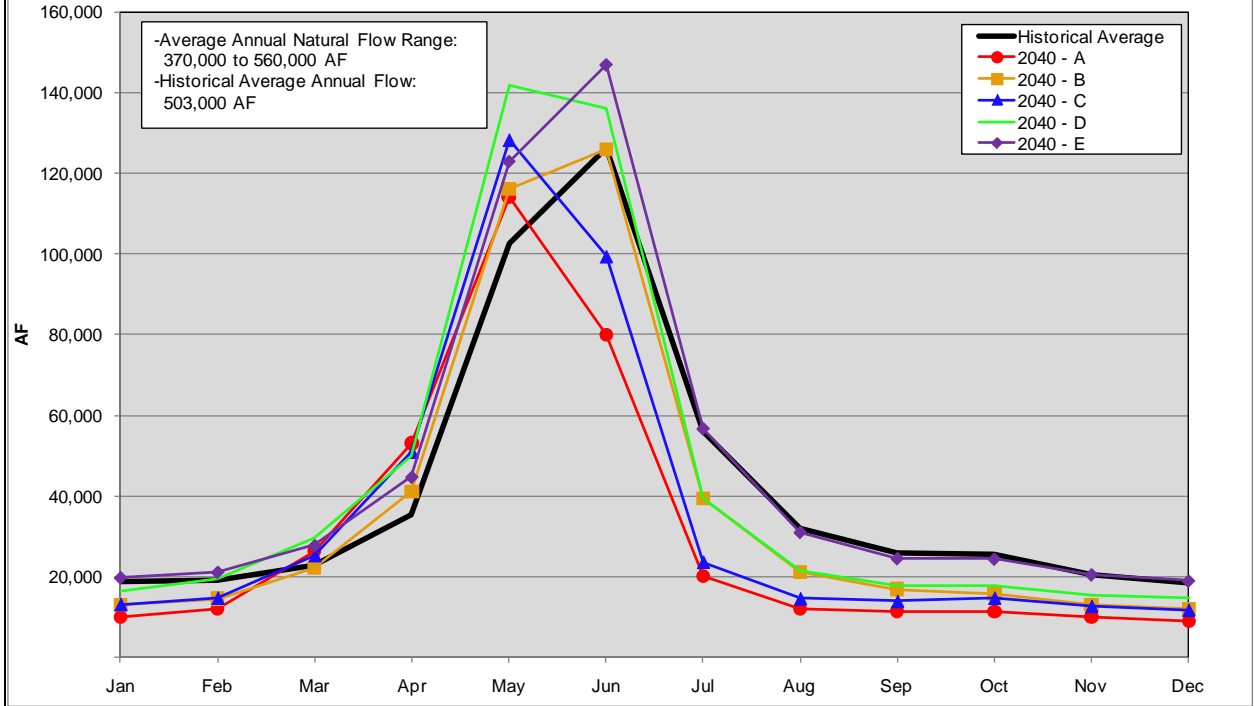
**Figure C38. North Fork White River at Buford (09303000)
2040 Average Monthly Natural Flow**



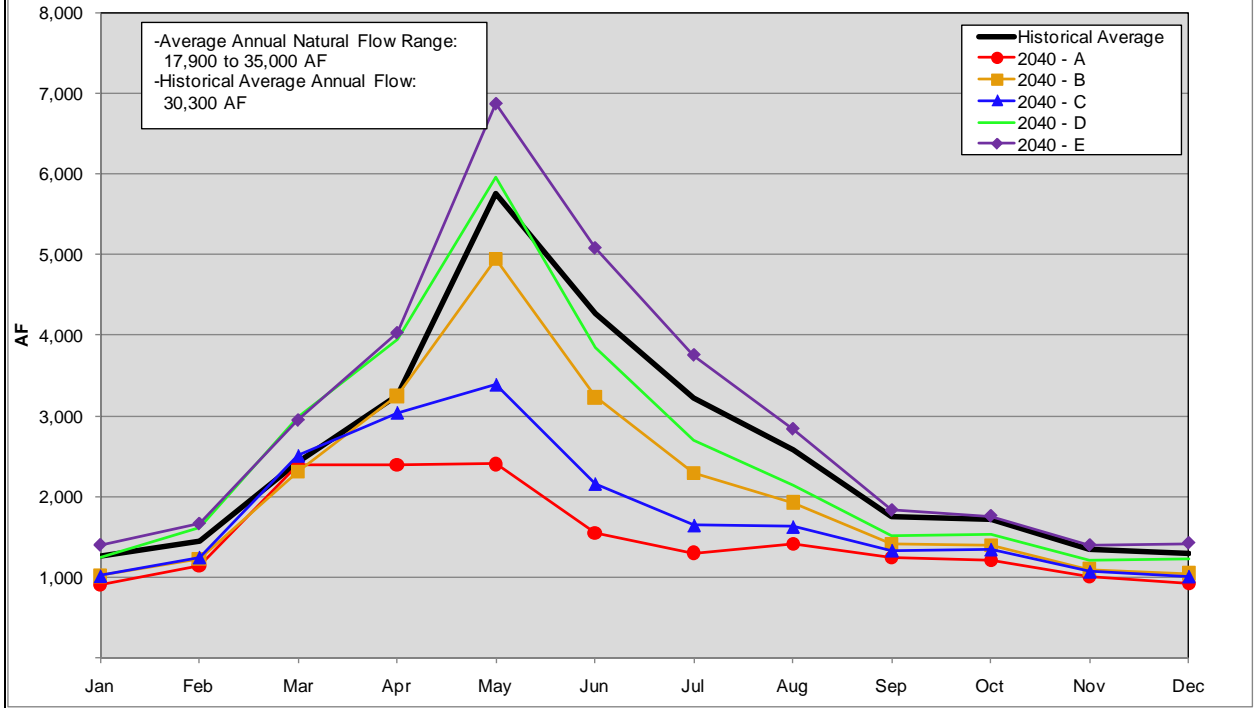
**Figure C39. South Fork White River at Buford (09304000)
2040 Average Monthly Natural Flow**



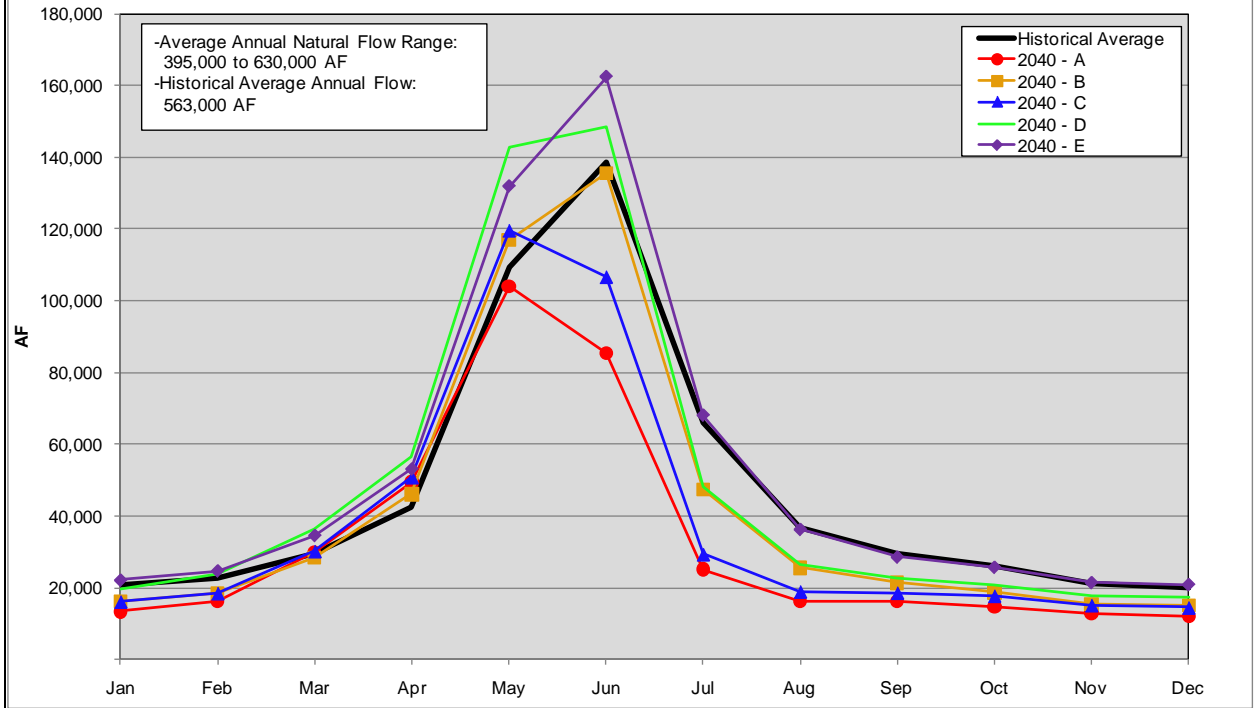
**Figure C40. White River below Meeker (09304800)
2040 Average Monthly Natural Flow**



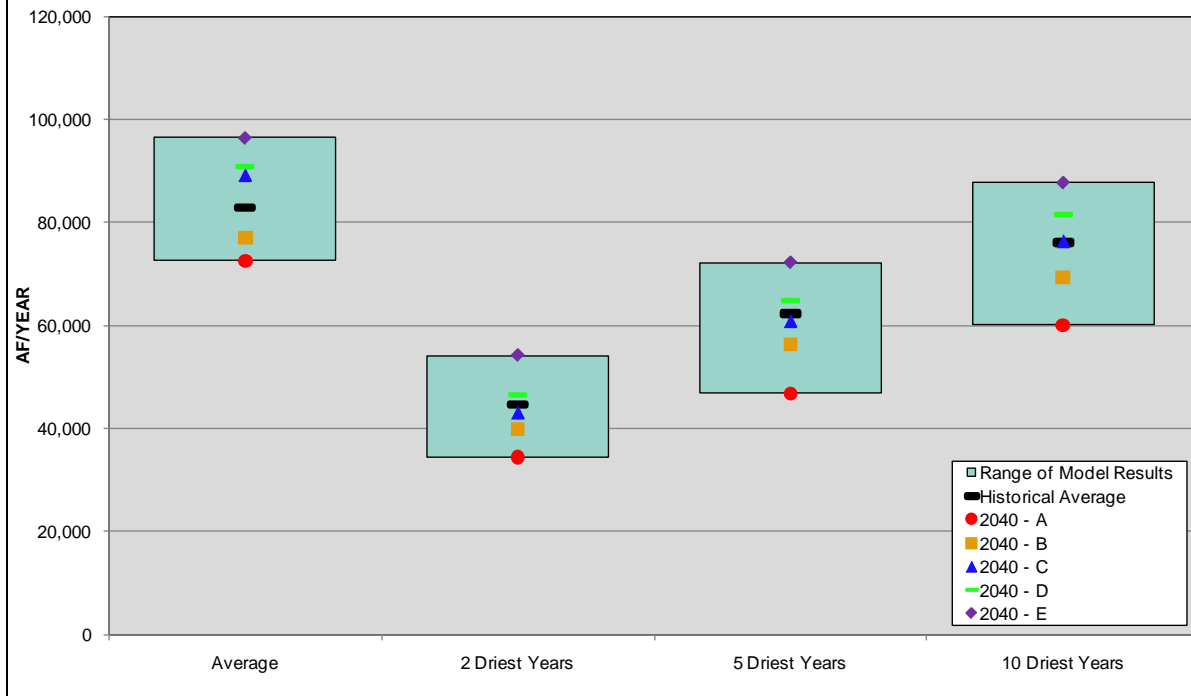
**Figure C41. Piceance Creek at White River (09306222)
2040 Average Monthly Natural Flow**



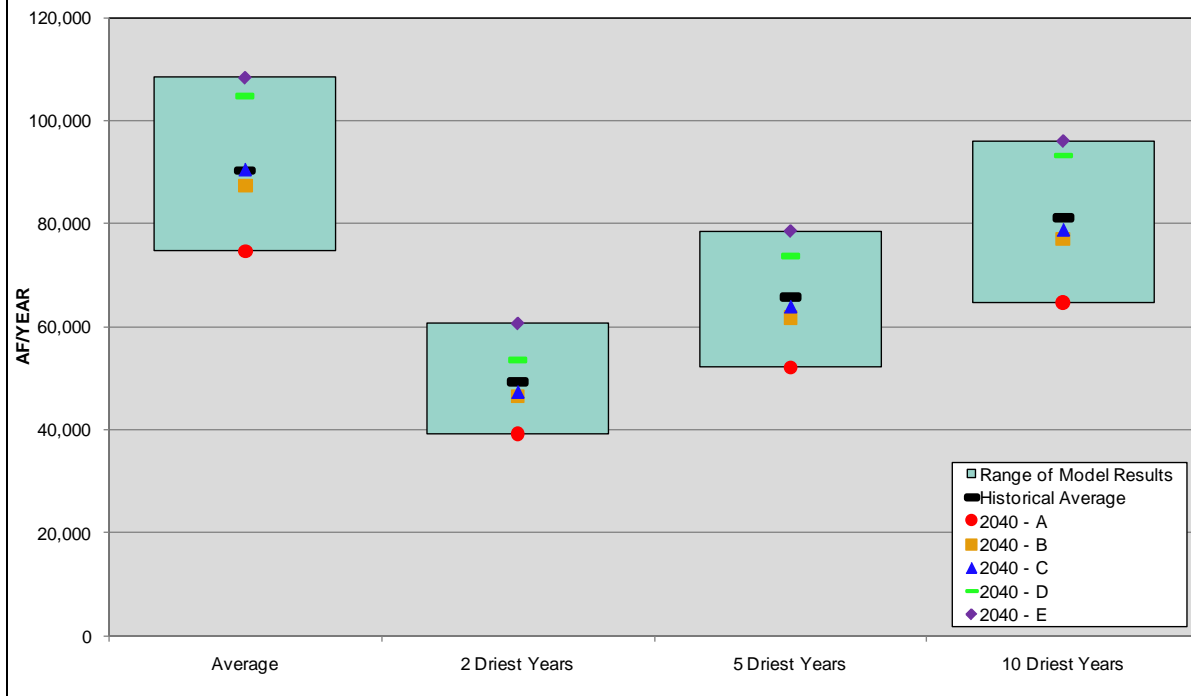
**Figure C42. White River near Colorado State Line, UT (09306395)
2040 Average Monthly Natural Flow**



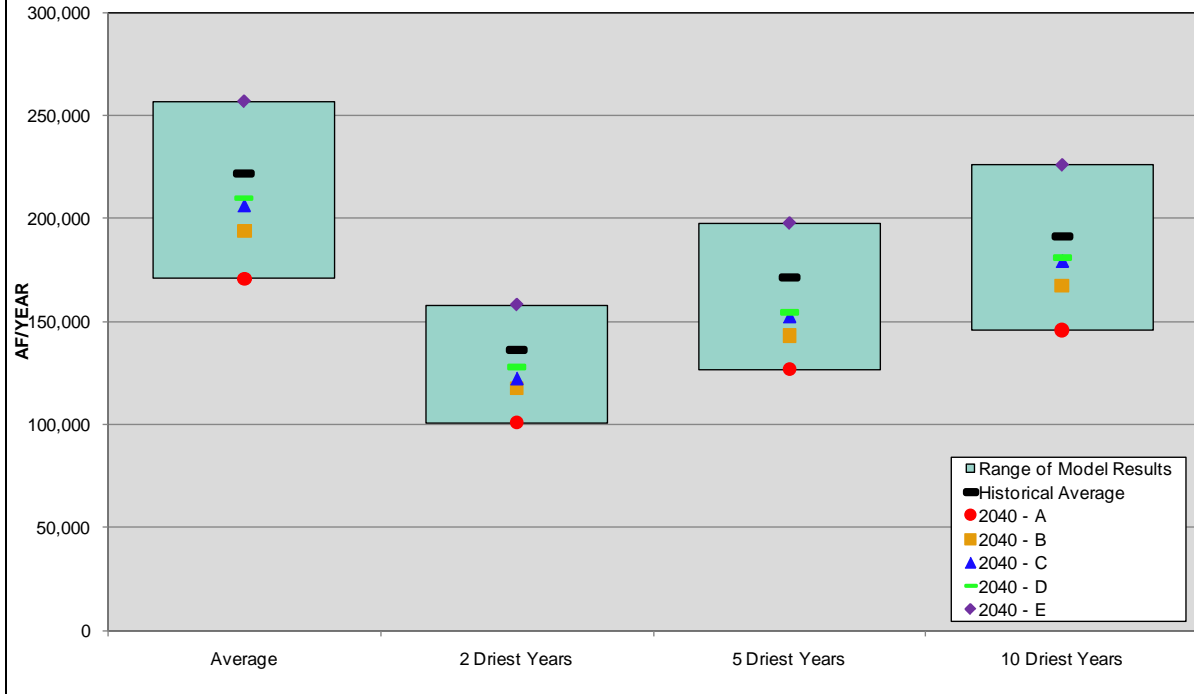
**Figure C43. Colorado River near Grand Lake (09011000)
2040 Natural Flow**



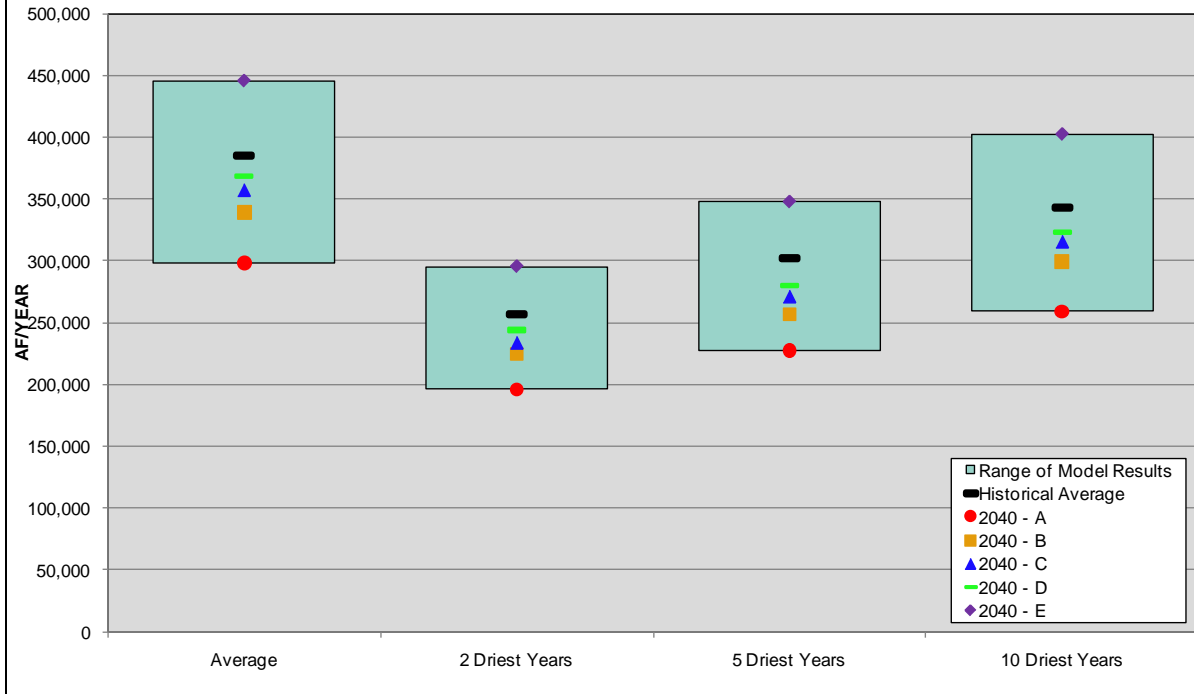
**Figure C44. Muddy Creek at Kremmling (09041500)
2040 Natural Flow**



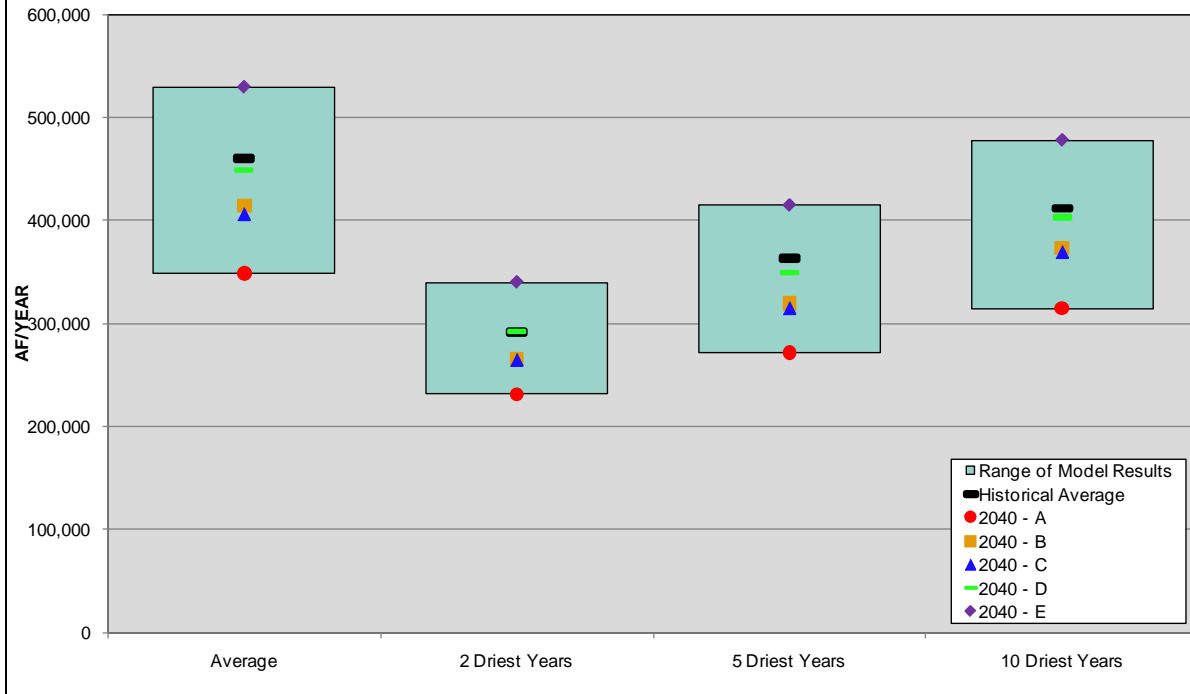
**Figure C45. Blue River below Dillon Reservoir (09050700)
2040 Natural Flow**



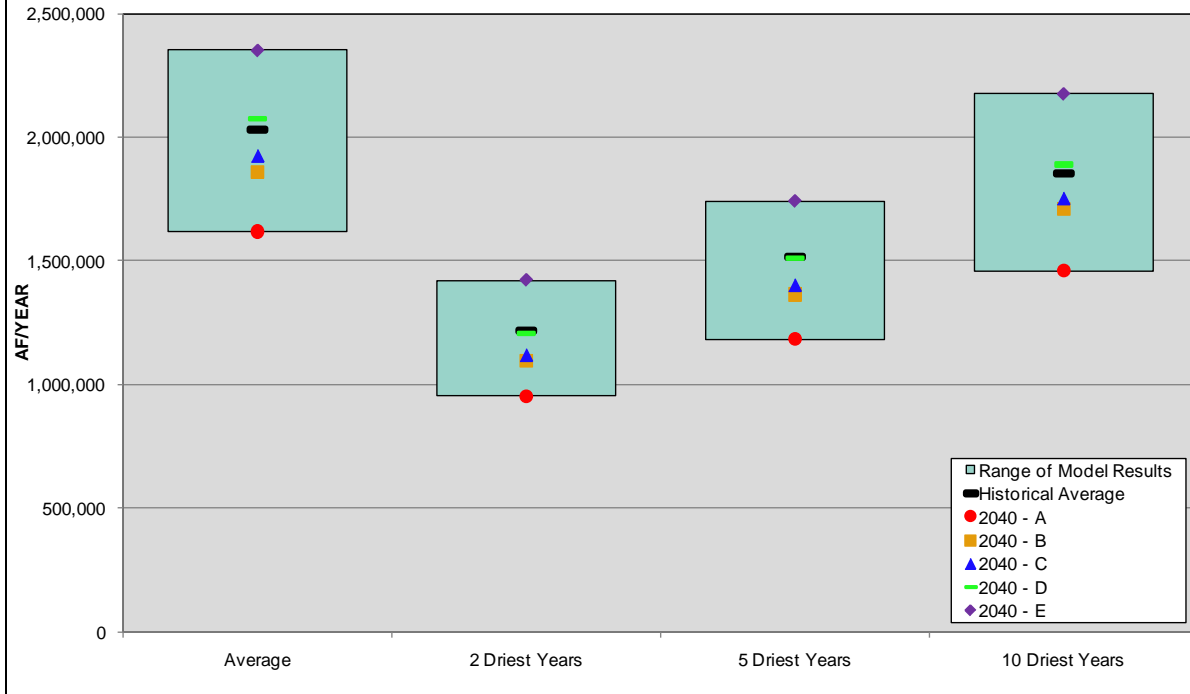
**Figure C46. Blue River below Green Mountain Reservoir (09057500)
2040 Natural Flow**



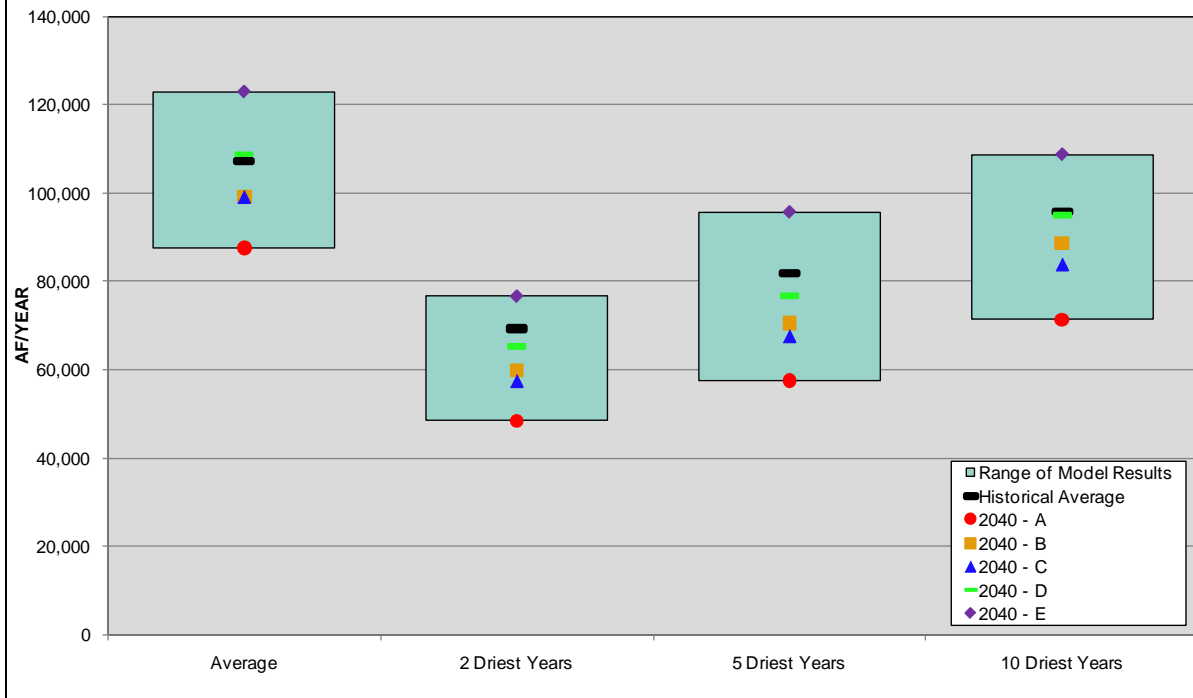
**Figure C47. Eagle River below Gypsum (09070000)
2040 Natural Flow**



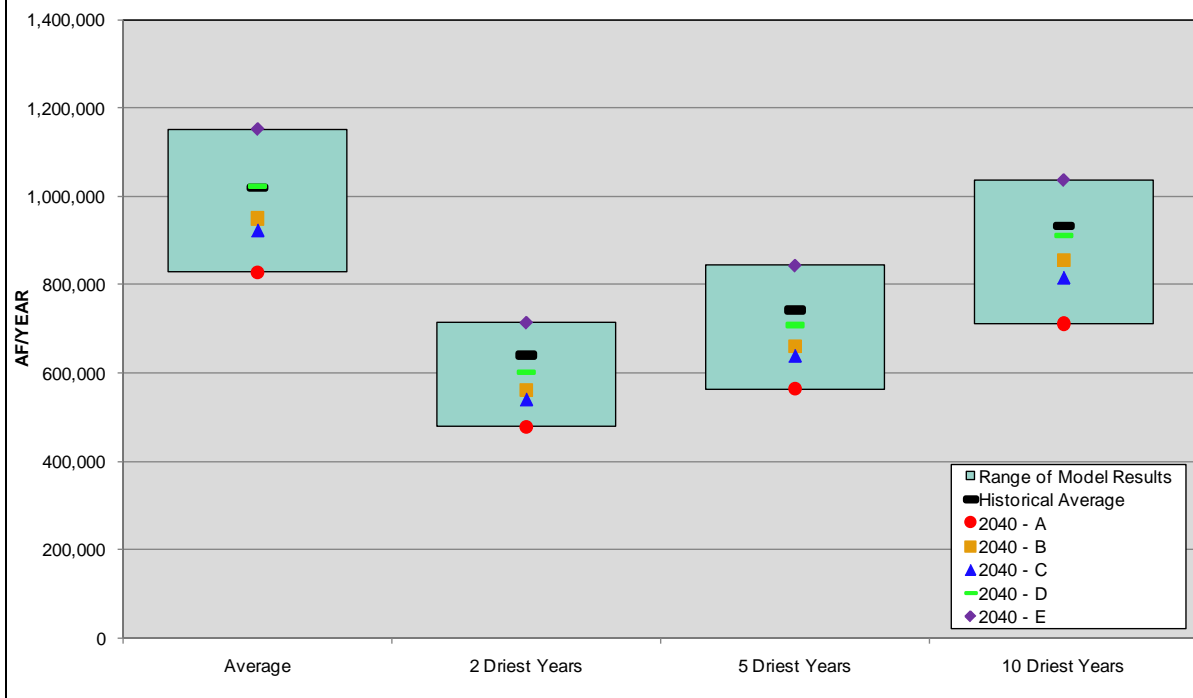
**Figure C48. Colorado River near Dotsero (09070500)
2040 Natural Flow**



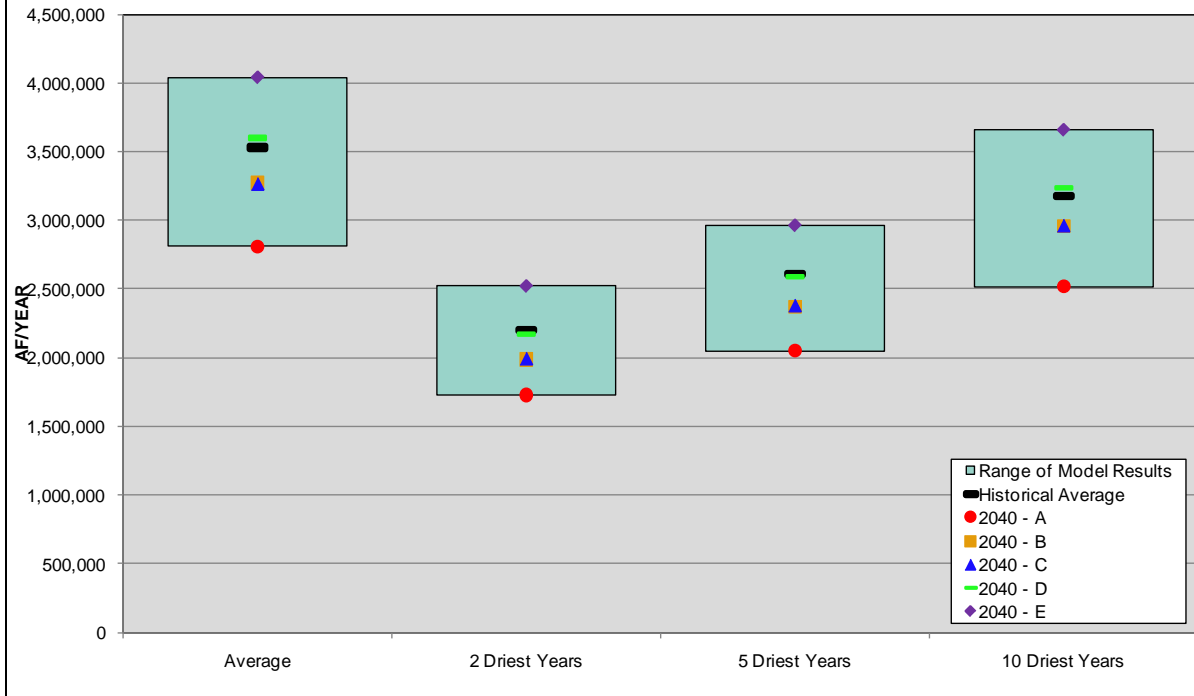
**Figure C49. Roaring Fork River near Aspen (09073400)
2040 Natural Flow**



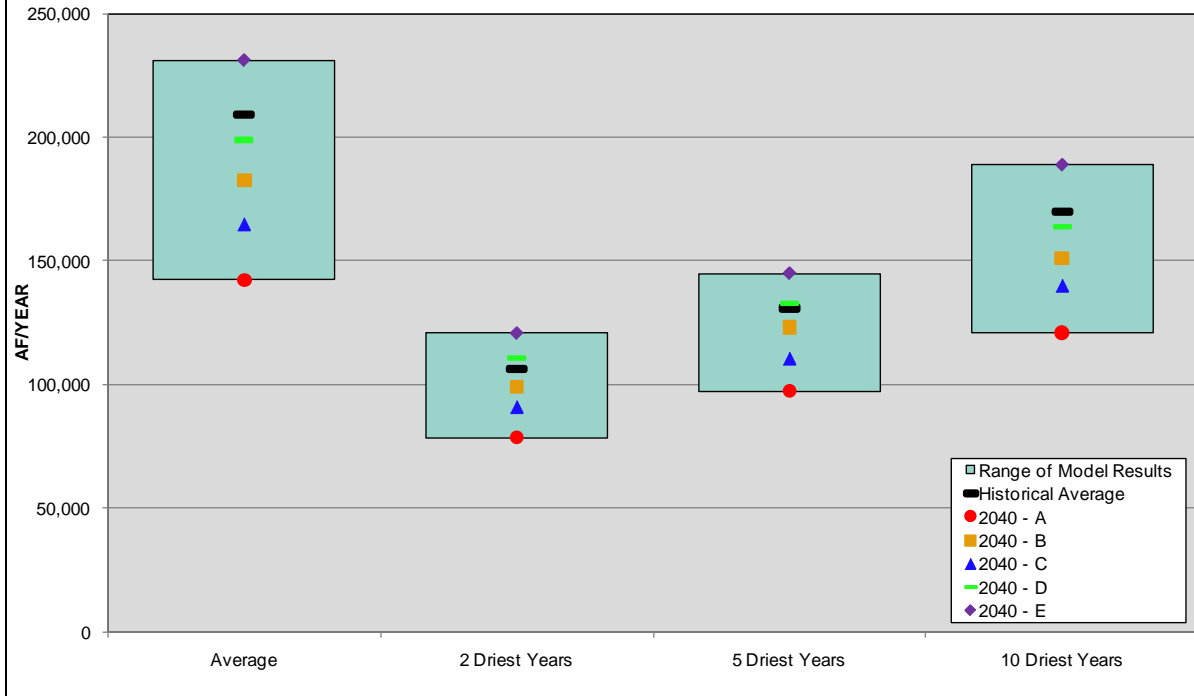
**Figure C50. Roaring Fork River at Glenwood Springs (09085000)
2040 Natural Flow**



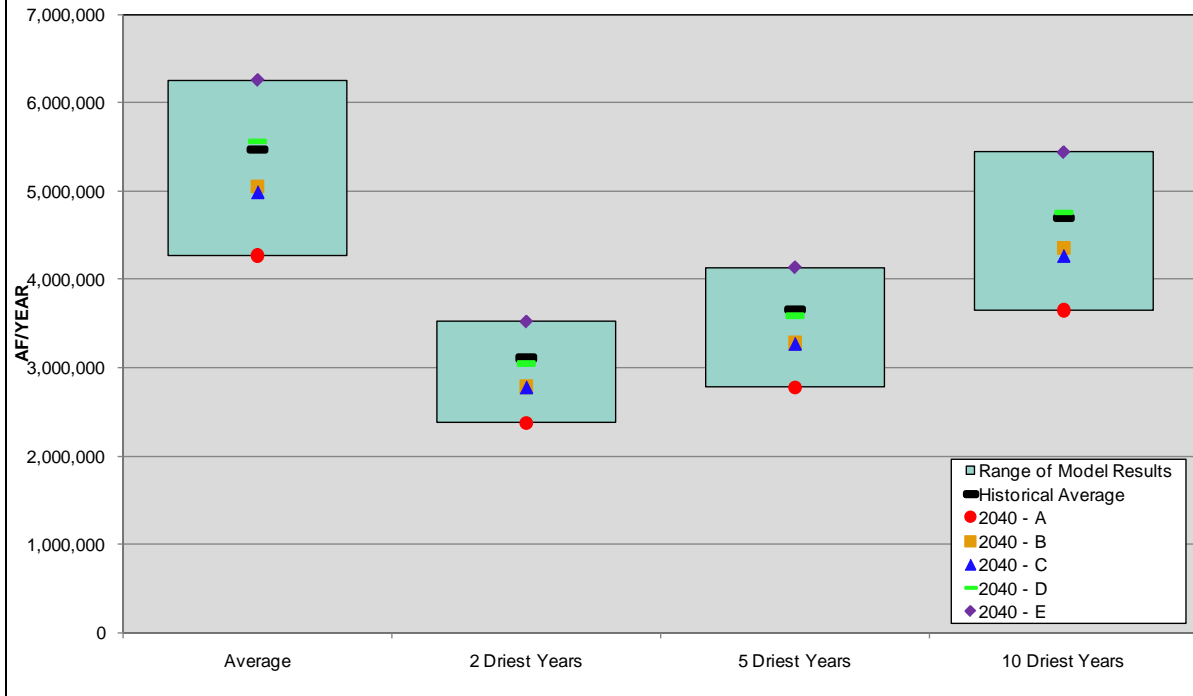
**Figure C51. Colorado River near Cameo (09095500)
2040 Natural Flow**



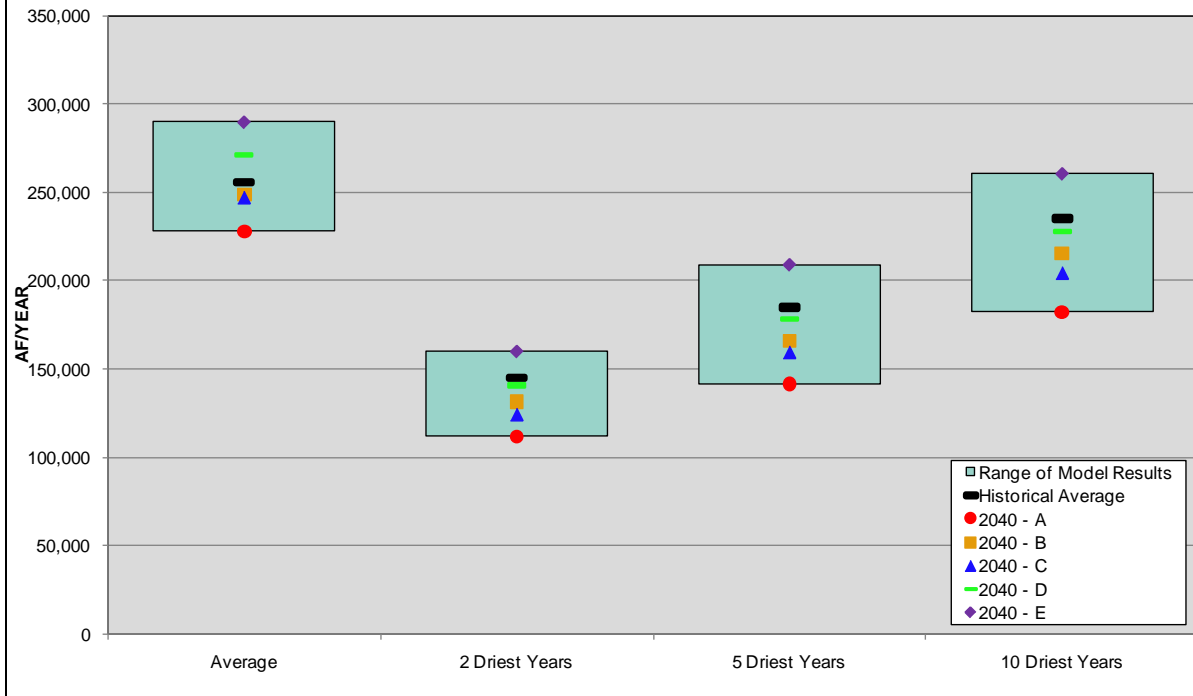
**Figure C52. Plateau Creek near Cameo (09105000)
2040 Natural Flow**



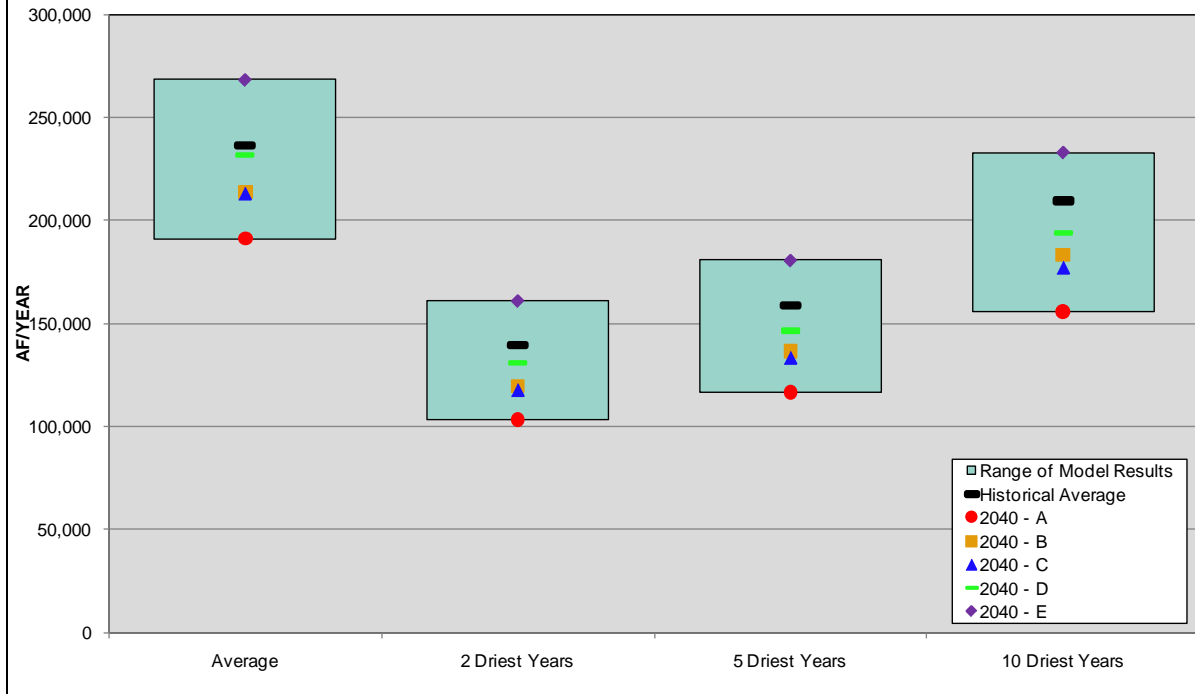
**Figure C53. Colorado River near Colorado-Utah State Line (09163500)
2040 Natural Flow**



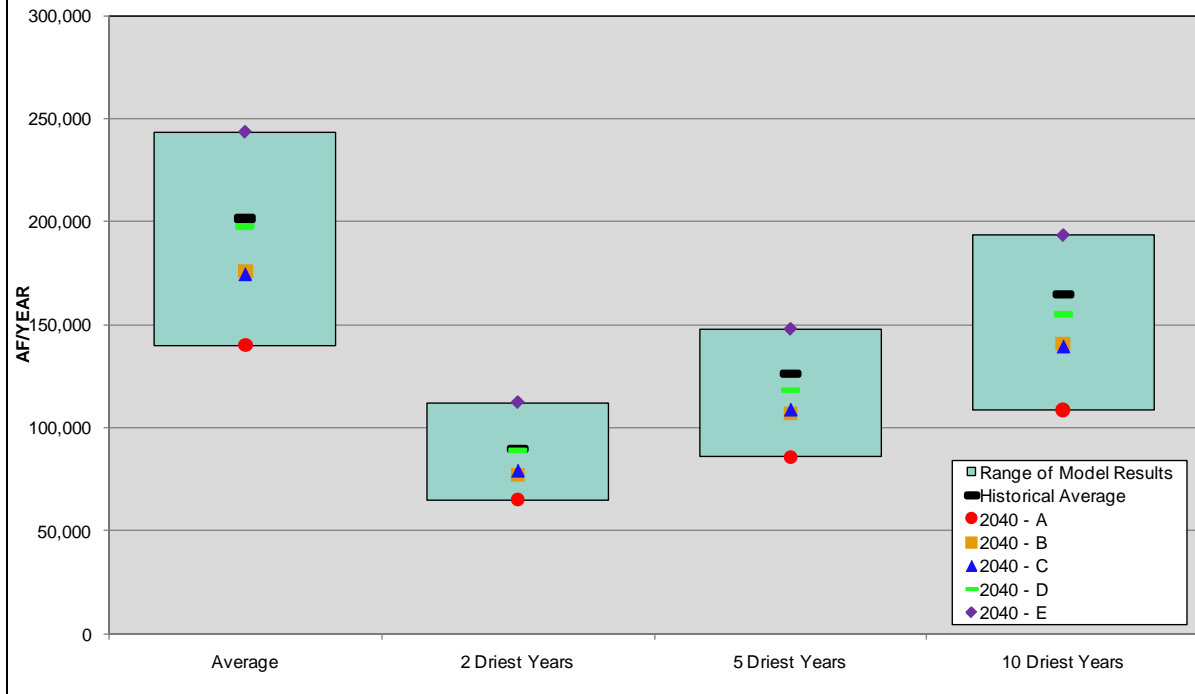
**Figure C54. East River at Almont (09112500)
2040 Natural Flow**



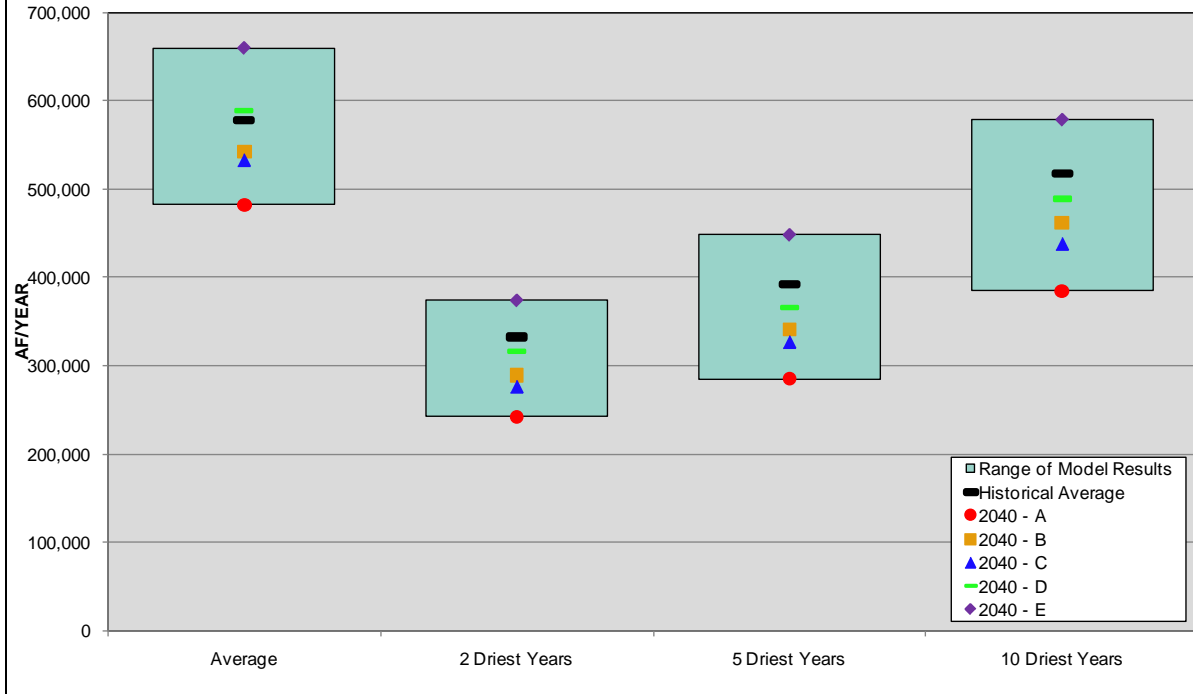
**Figure C55. Taylor River at Almont (09110000)
2040 Natural Flow**



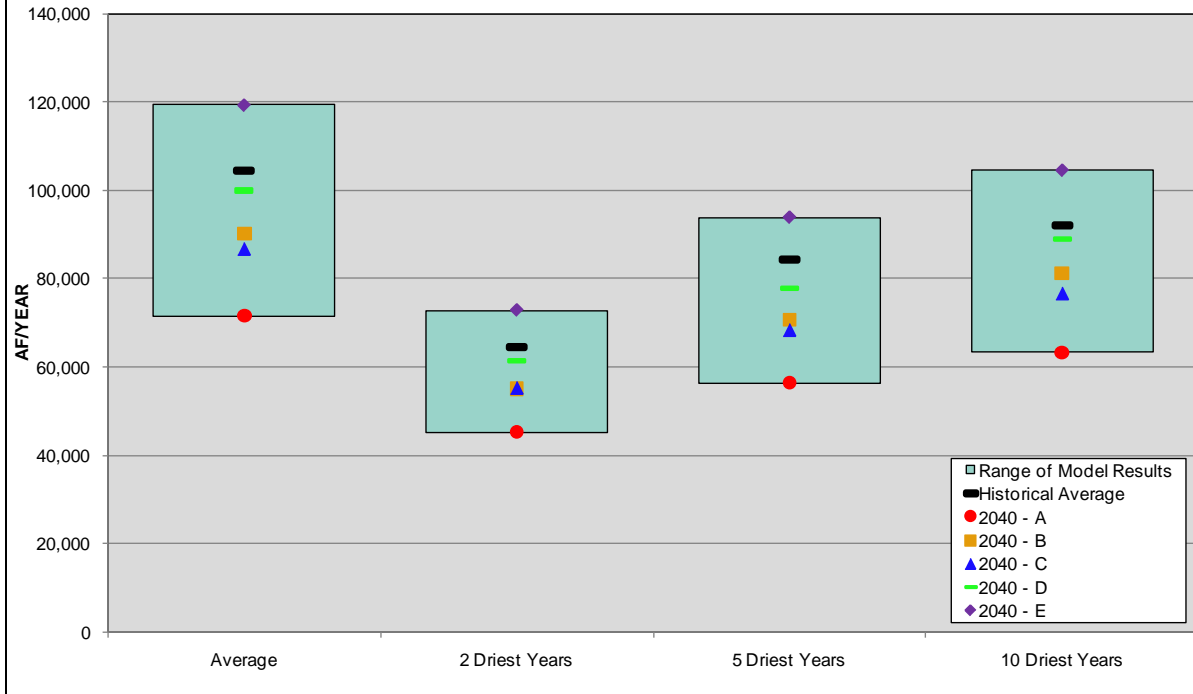
**Figure C56. Tomichi Creek at Gunnison (09119000)
2040 Natural Flow**



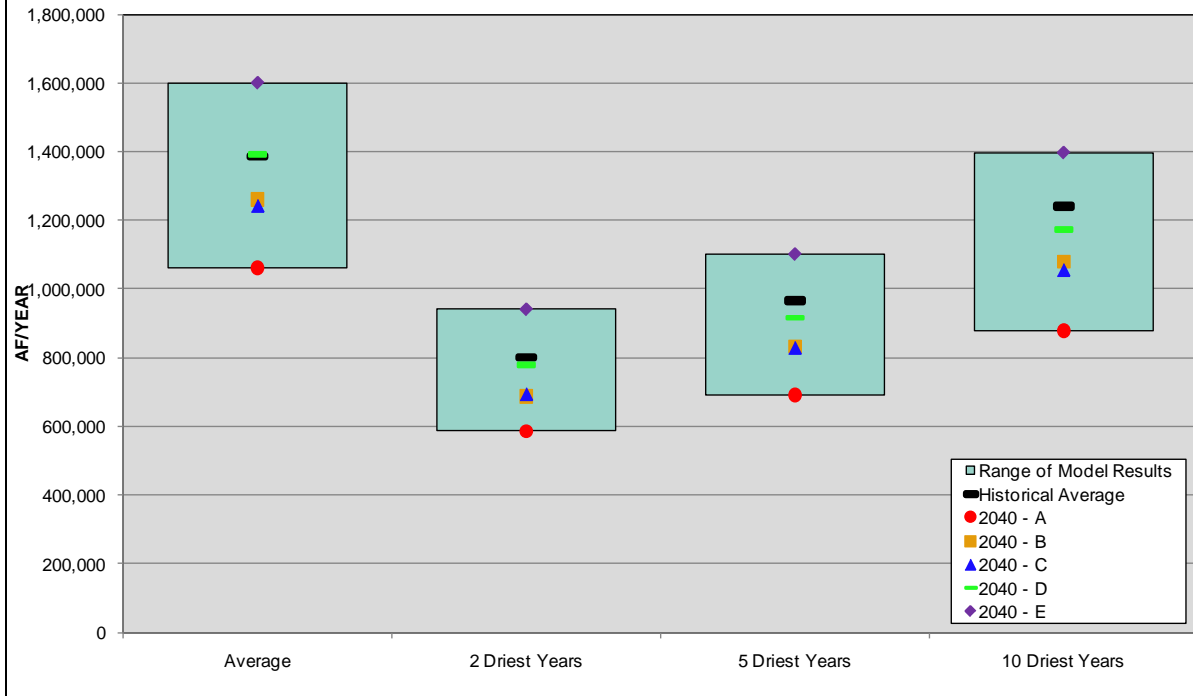
**Figure C57. Gunnison River near Gunnison (09114500)
2040 Natural Flow**



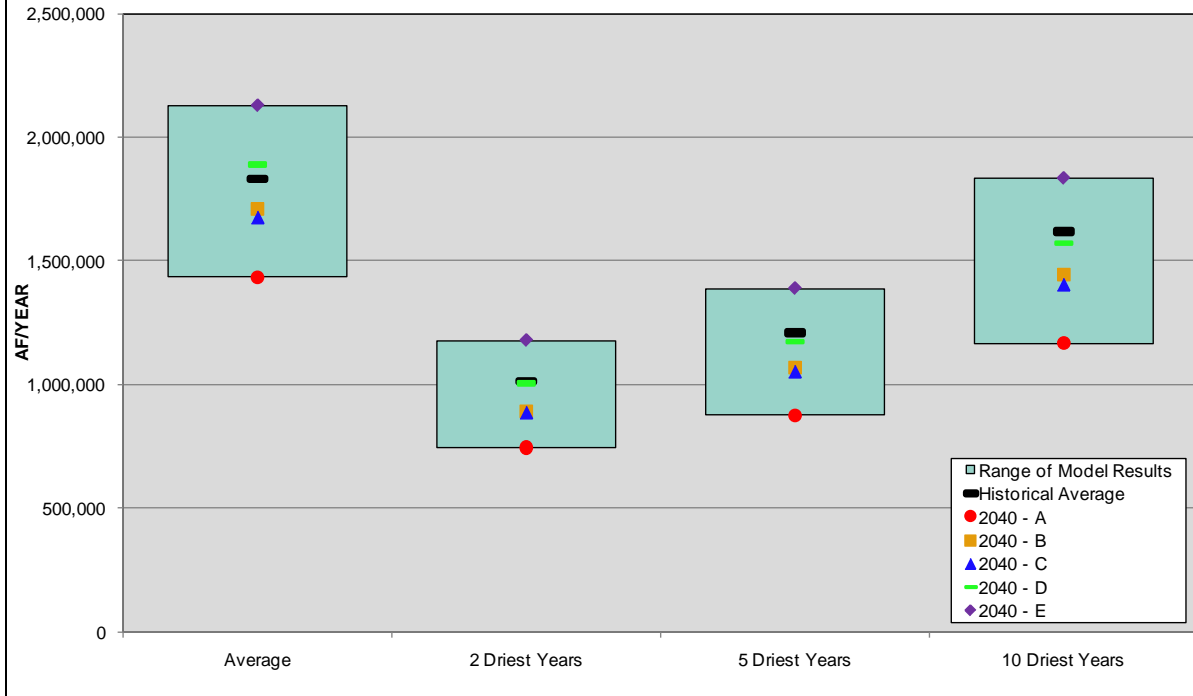
**Figure C58. Cimarron River at Cimarron (09126500)
2040 Natural Flow**



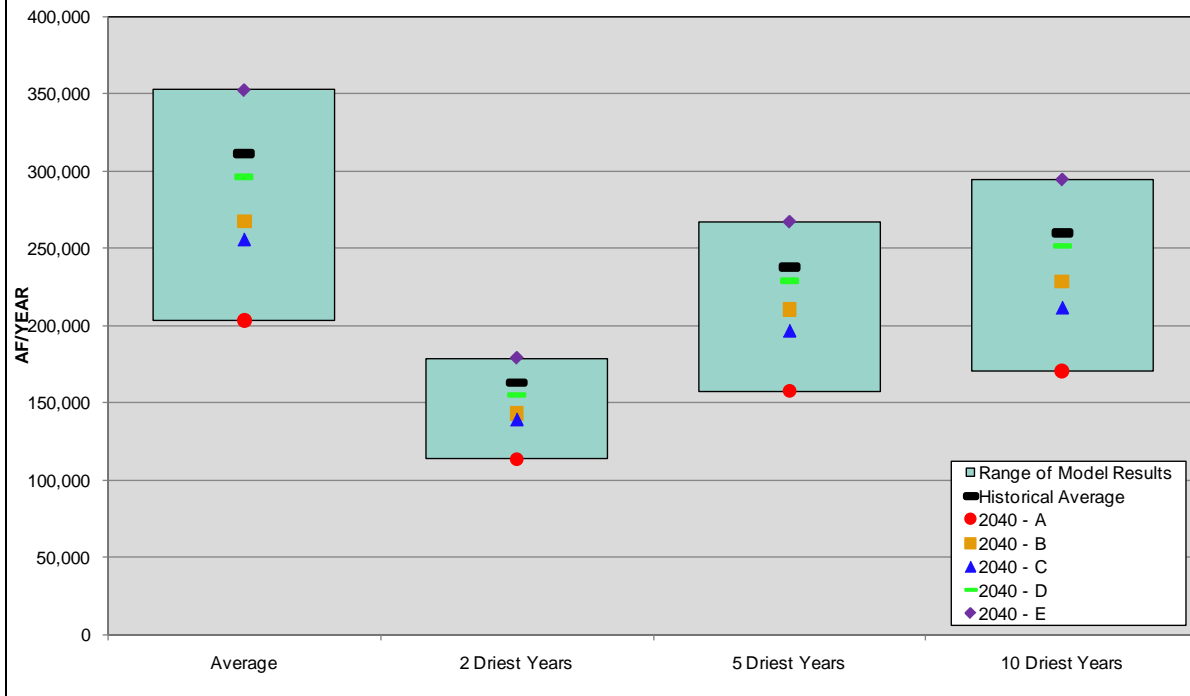
**Figure C59. Gunnison River below Gunnison Tunnel (09128000)
2040 Natural Flow**



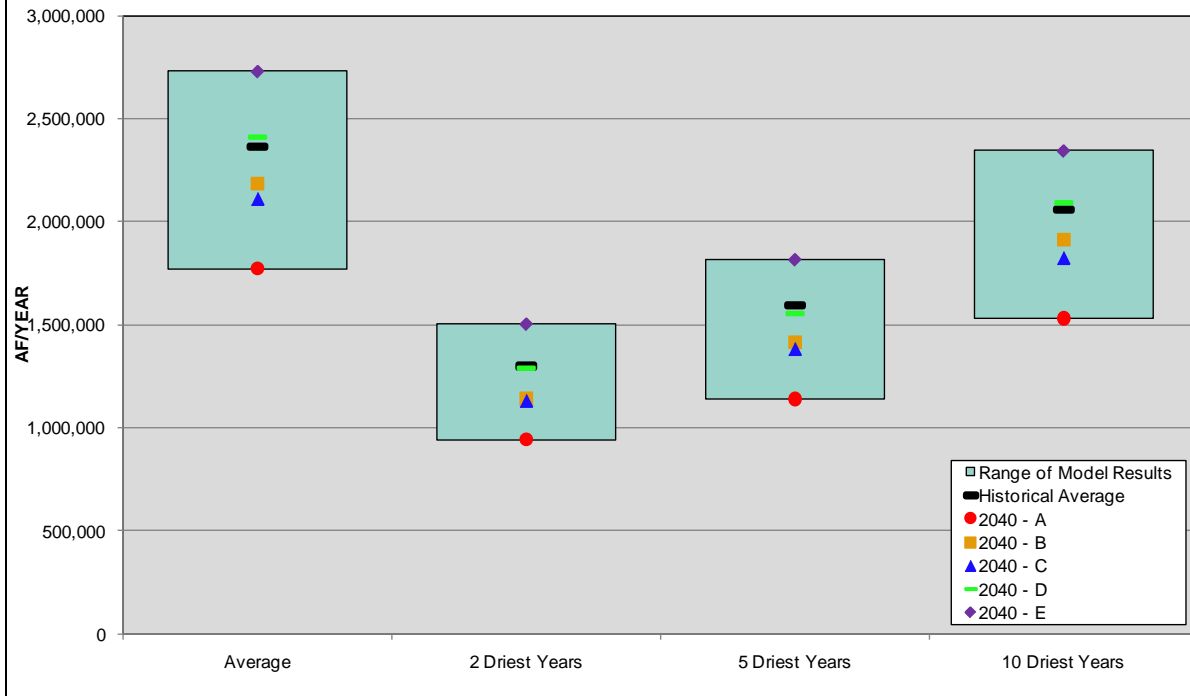
**Figure C60. Gunnison River near Lazear (09136200)
2040 Natural Flow**



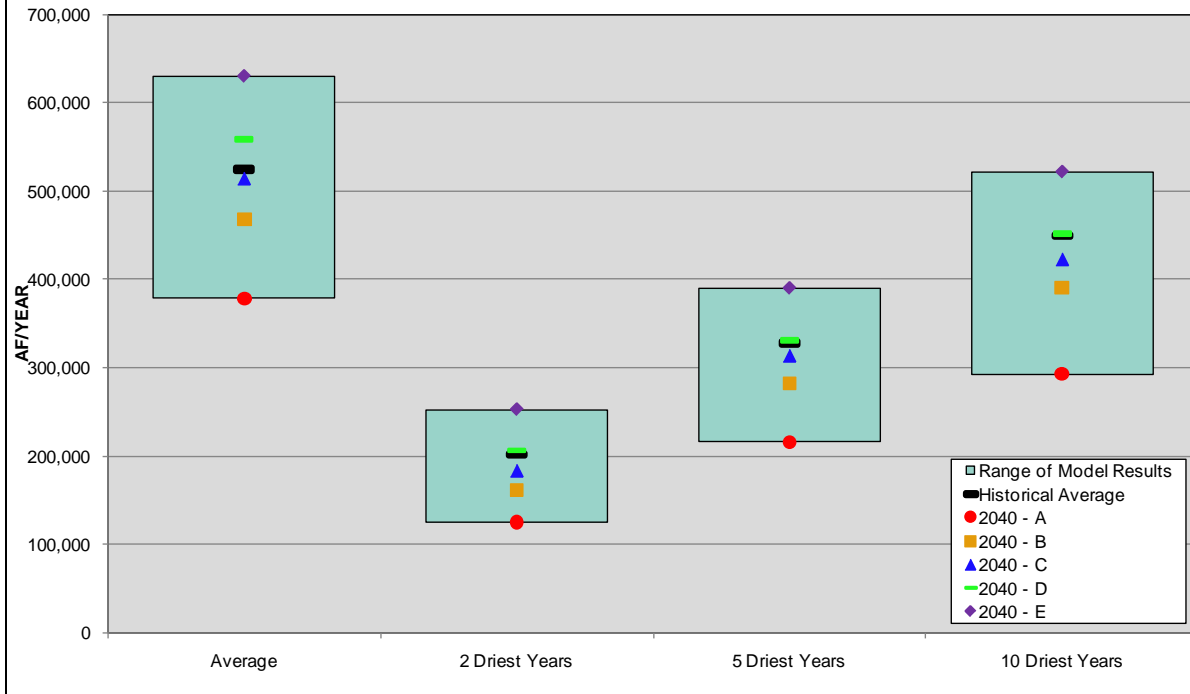
**Figure C61. Uncompahgre River at Delta (09149500)
2040 Natural Flow**



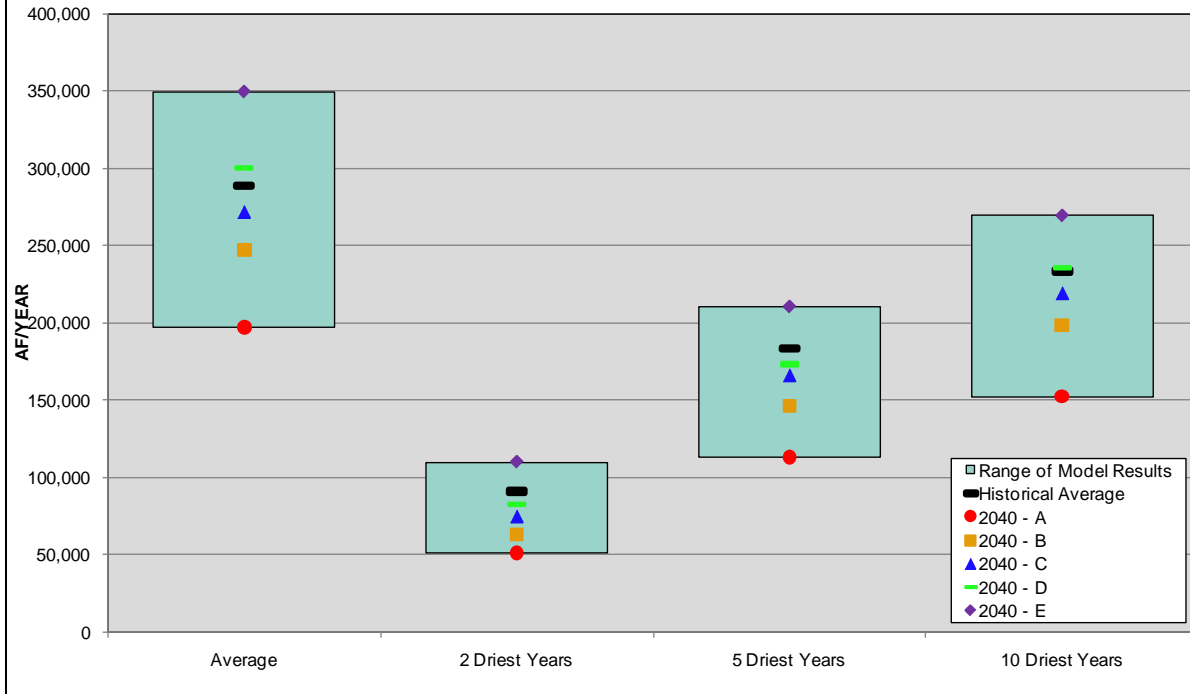
**Figure C62. Gunnison River near Grand Junction (09152500)
2040 Natural Flow**



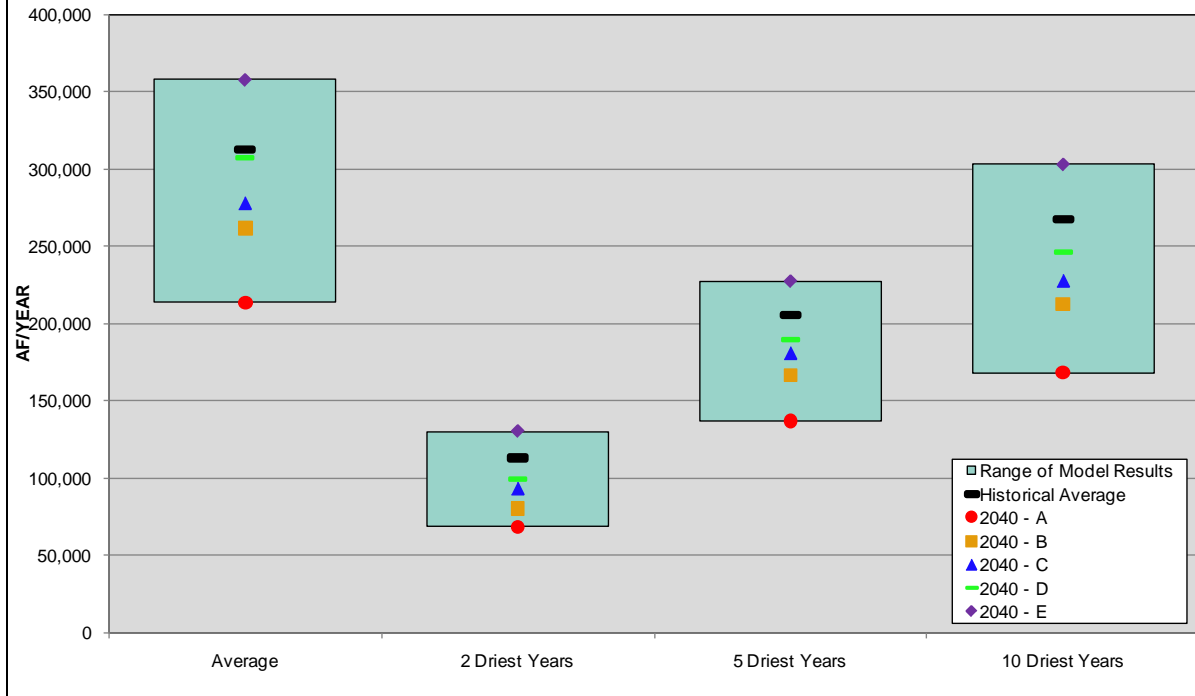
**Figure C63. San Juan River near Carracas (09346400)
2040 Natural Flow**



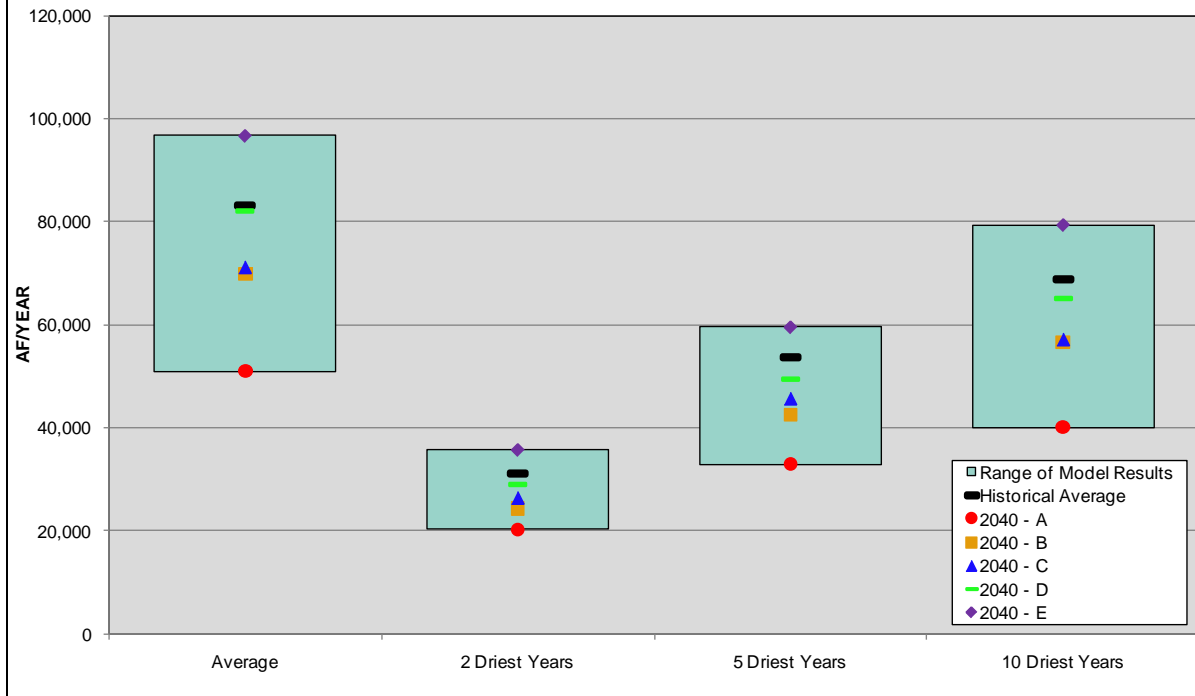
**Figure C64. Piedra River near Arboles (09349800)
2040 Natural Flow**



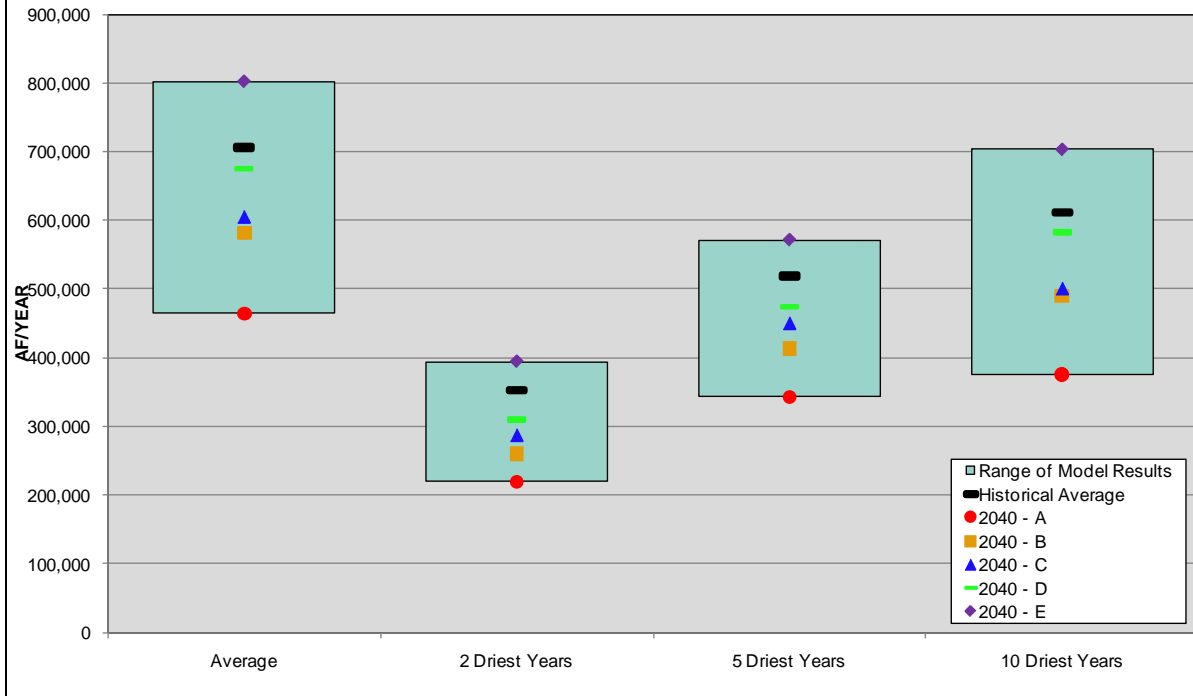
**Figure C65. Los Pinos River at La Boca (09354500)
2040 Natural Flow**



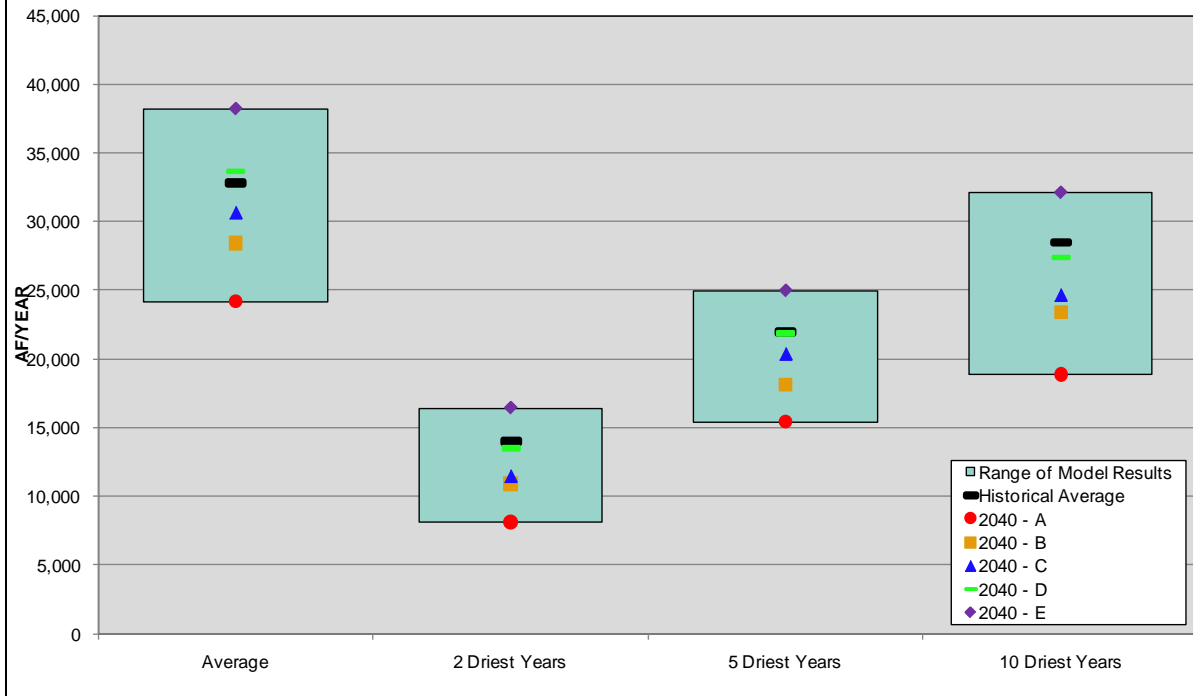
**Figure C66. Florida River at Bondad (09363200)
2040 Natural Flow**



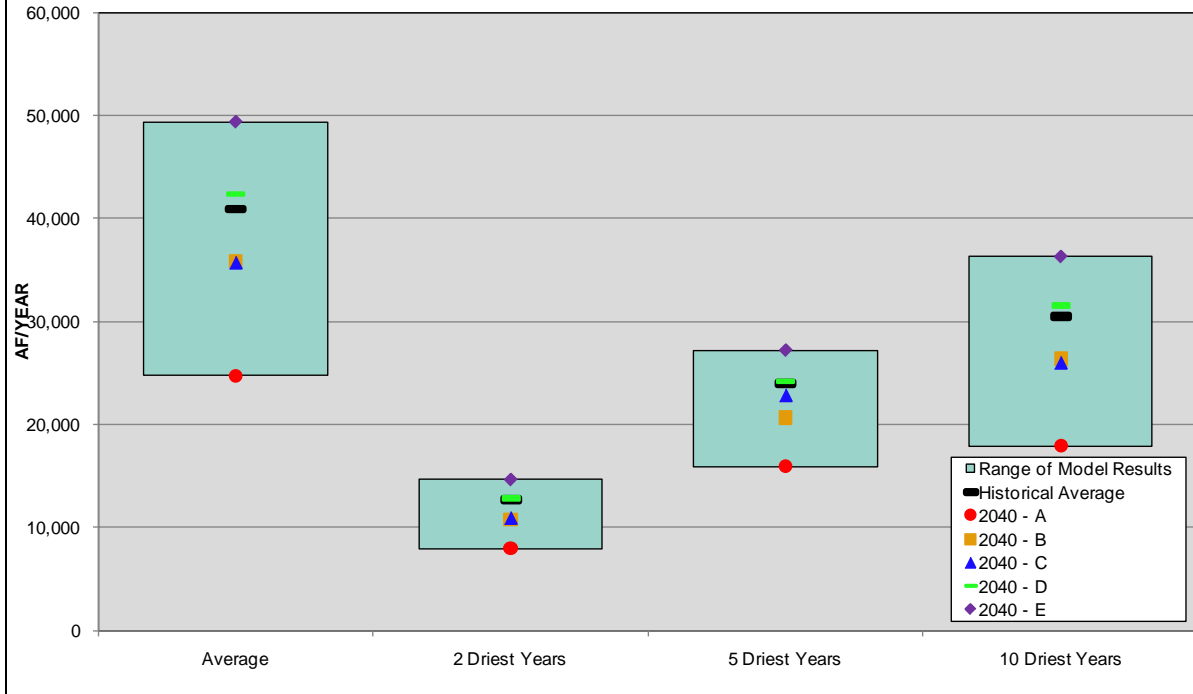
**Figure C67. Animas River near Cedar Hill, NM (09363500)
2040 Natural Flow**



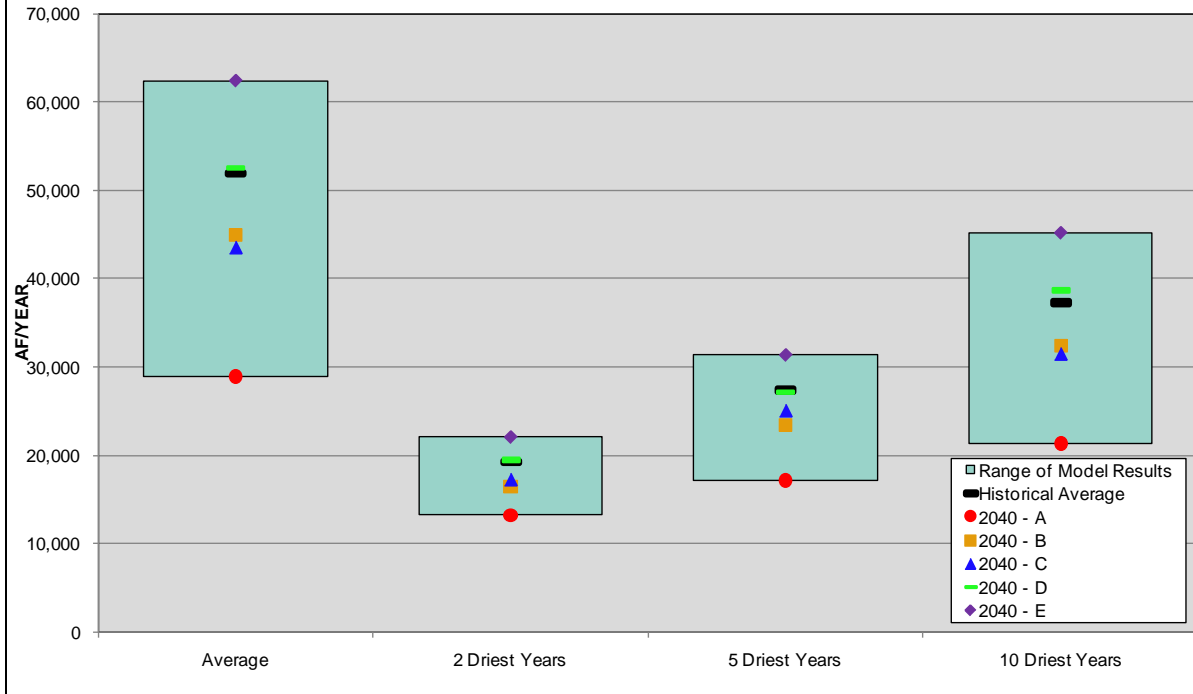
**Figure C68. La Plata River at Hesperus (09365500)
2040 Natural Flow**



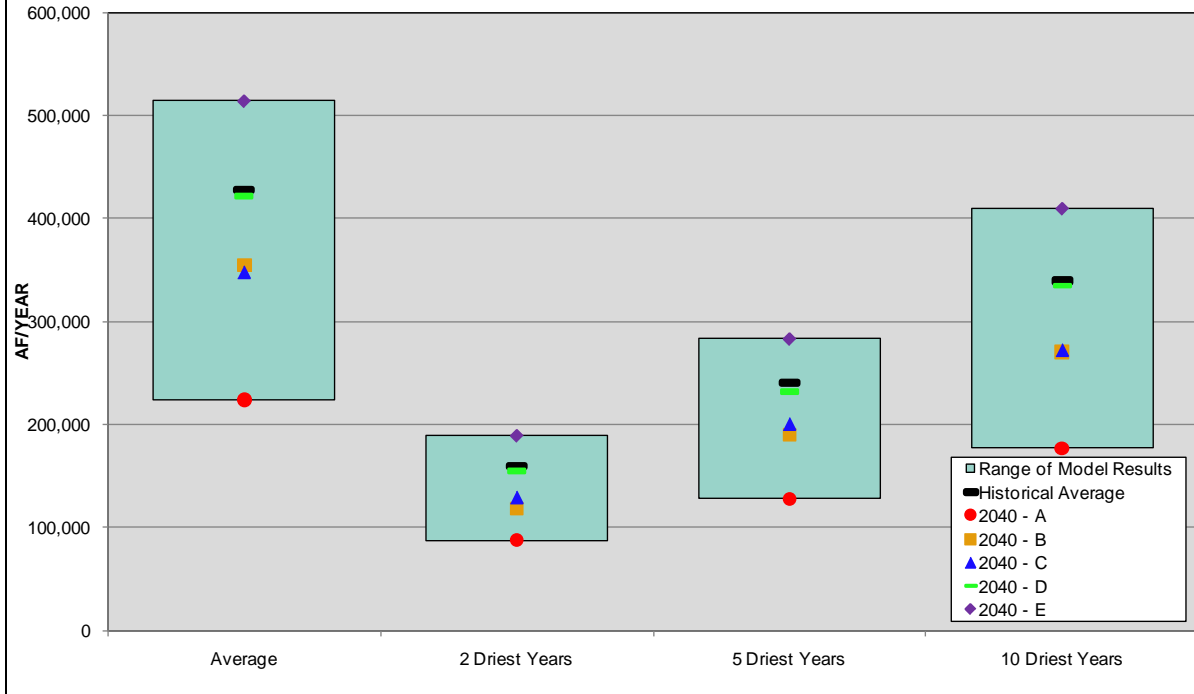
**Figure C69. La Plata River at the CO-NM Stateline (09366500)
2040 Natural Flow**



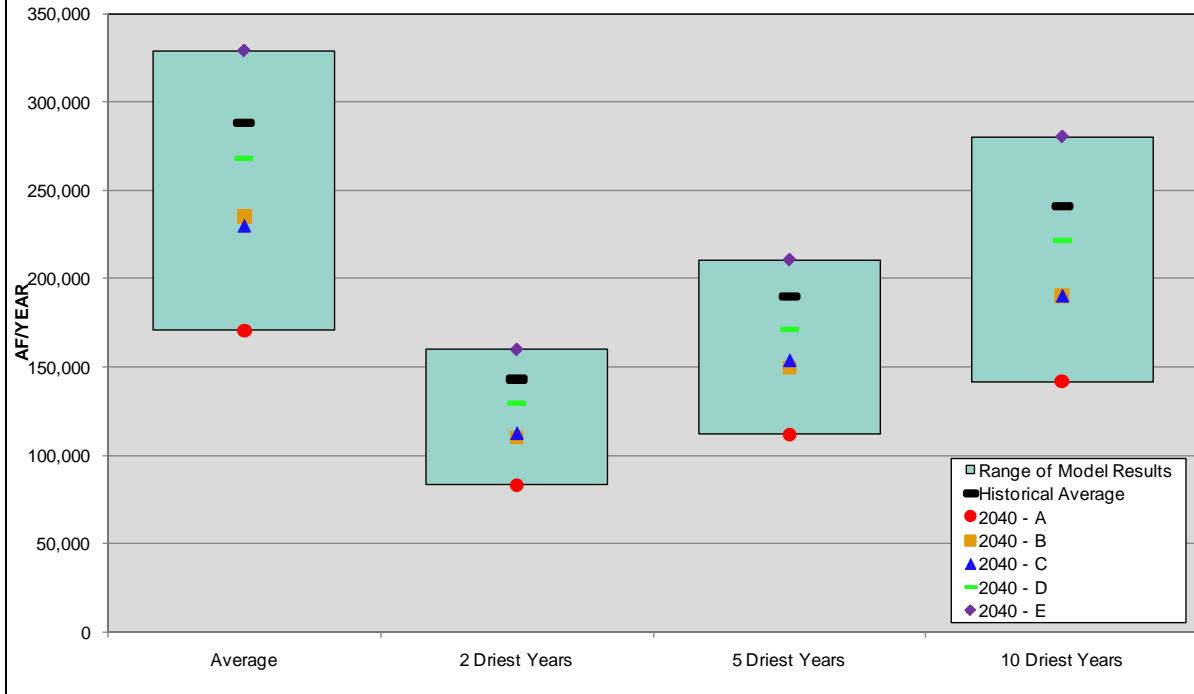
**Figure C70. Mancos River near Towaoc (09371000)
2040 Natural Flow**



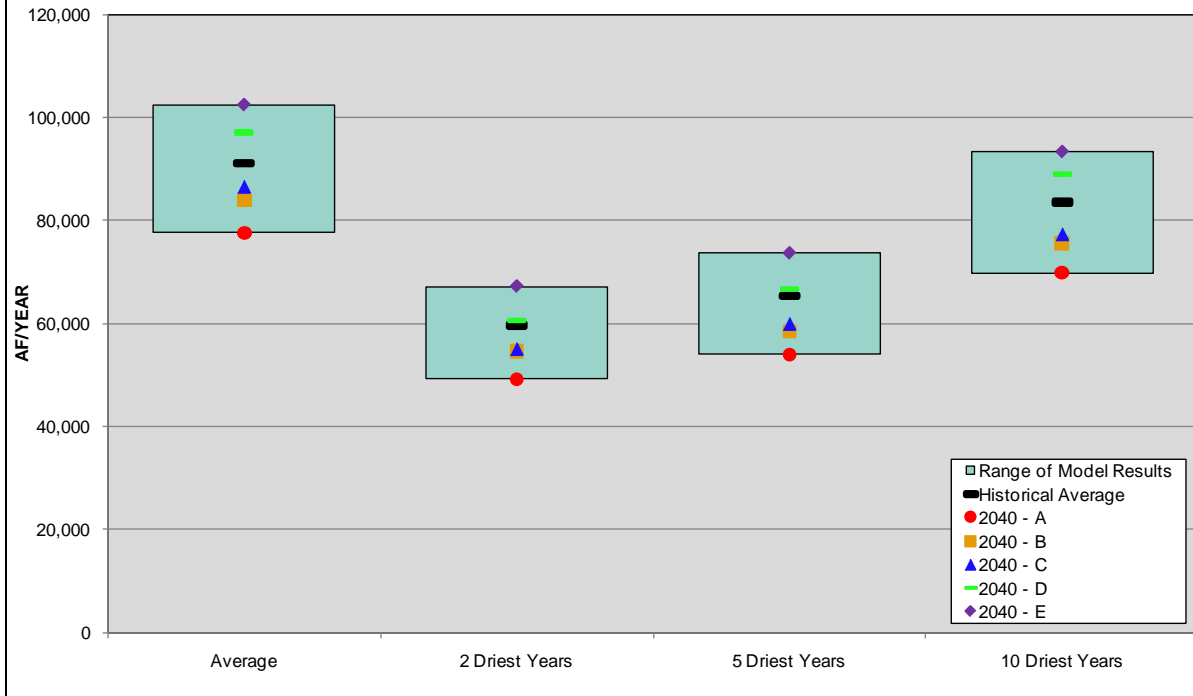
**Figure C71. Dolores River near Bedrock (09171100)
2040 Natural Flow**



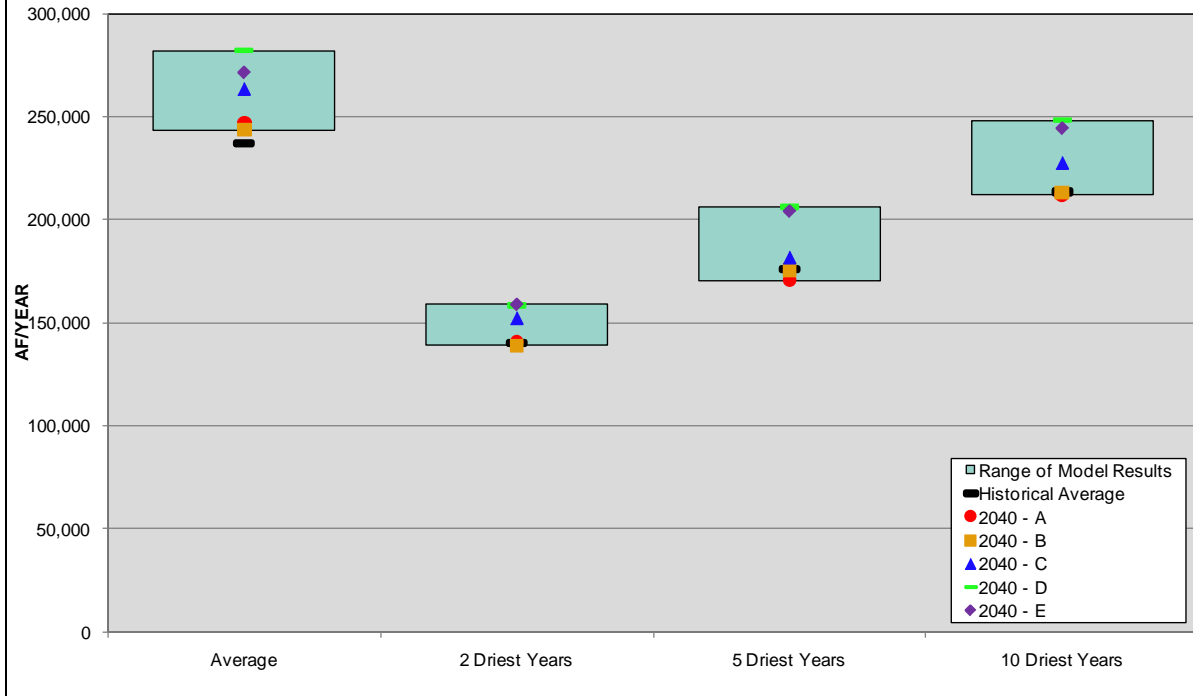
**Figure C72. San Miguel River at Naturita (09175500)
2040 Natural Flow**



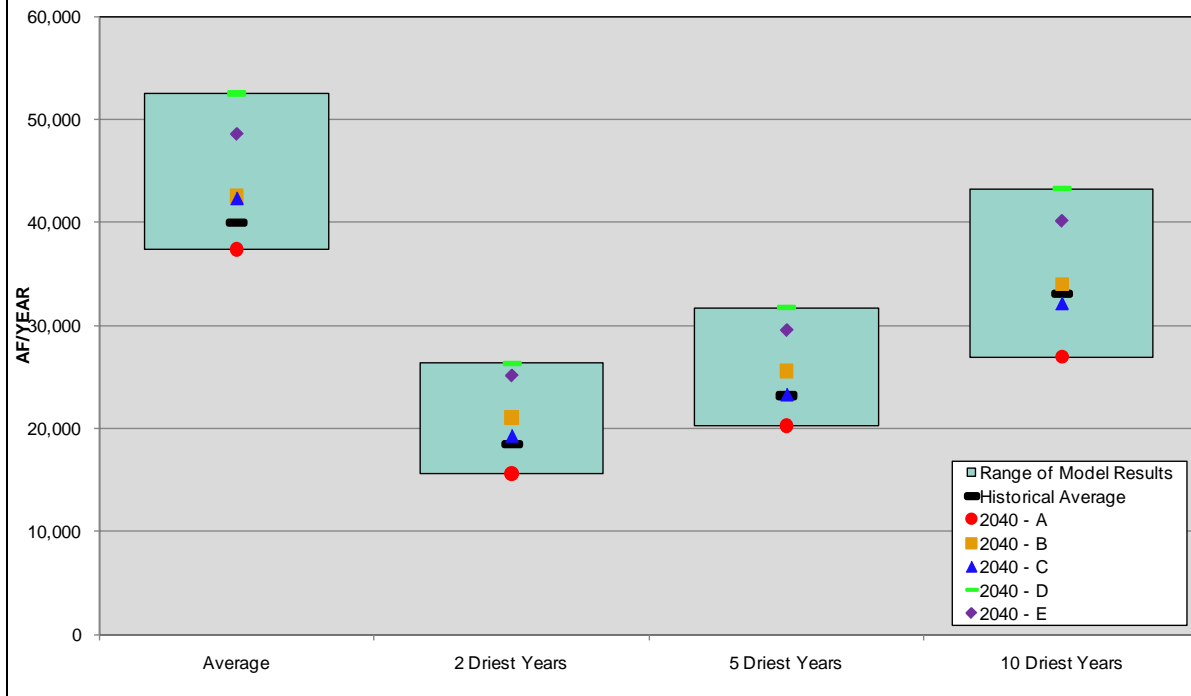
**Figure C73. Yampa River below Stagecoach Reservoir (09237500)
2040 Natural Flow**



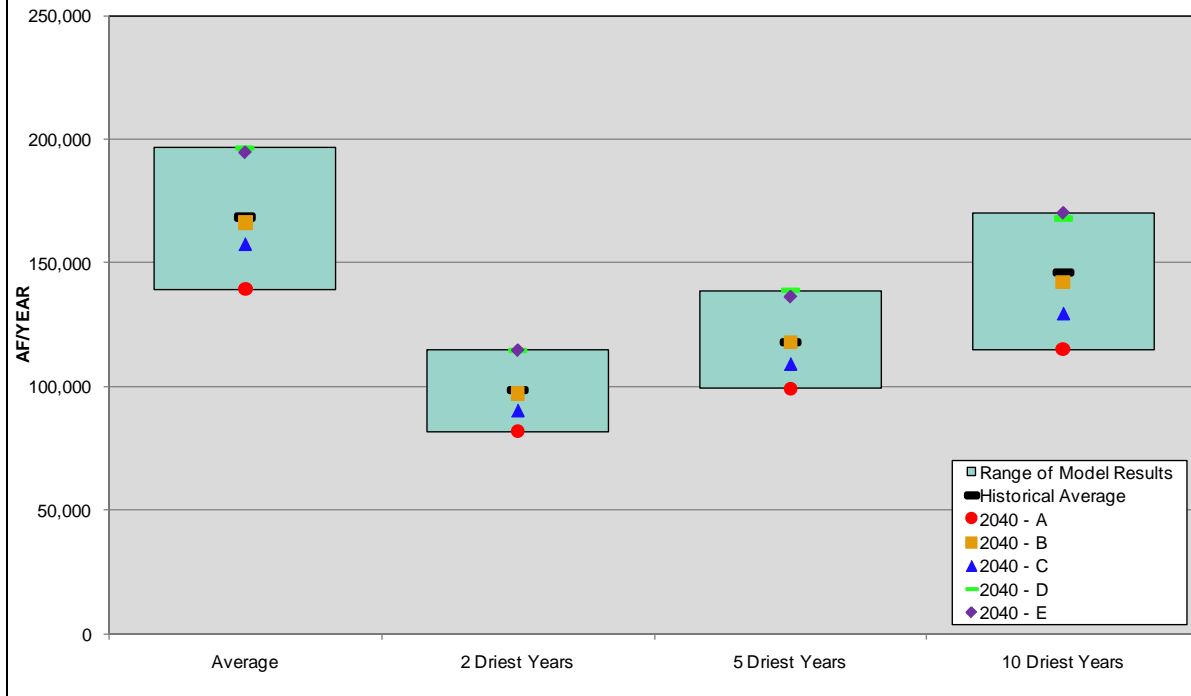
**Figure C74. Elk River at Clark (09241000)
2040 Natural Flow**



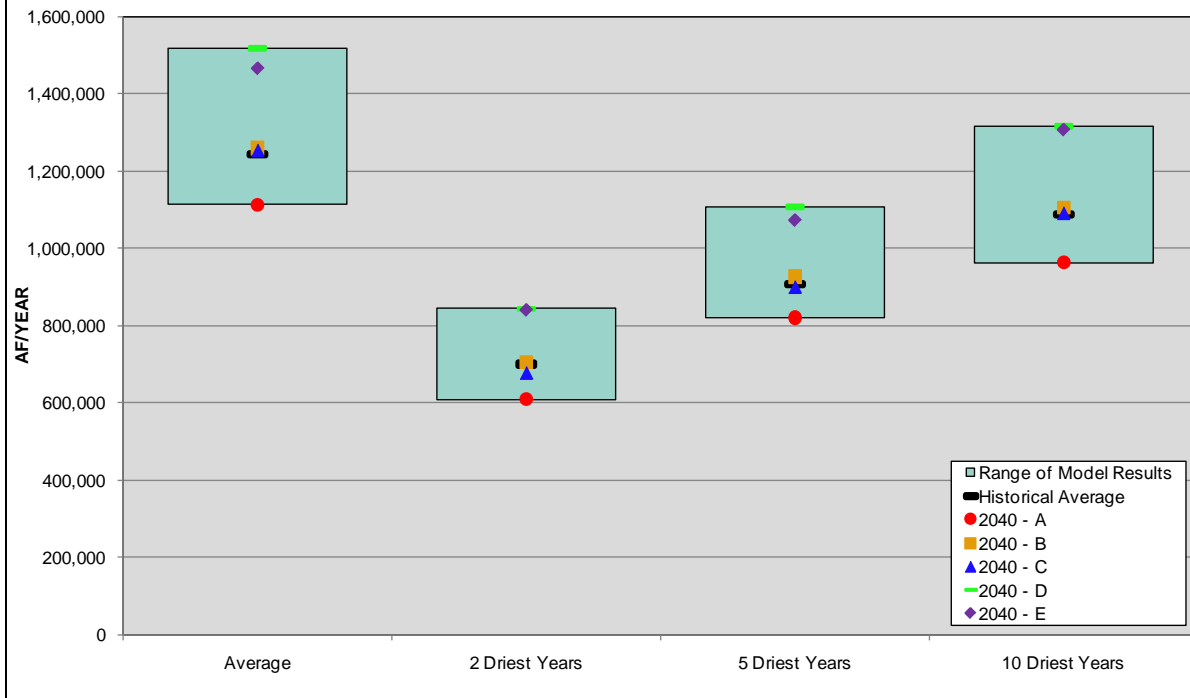
**Figure C75. Elkhead Creek near Elkhead (09245000)
2040 Natural Flow**



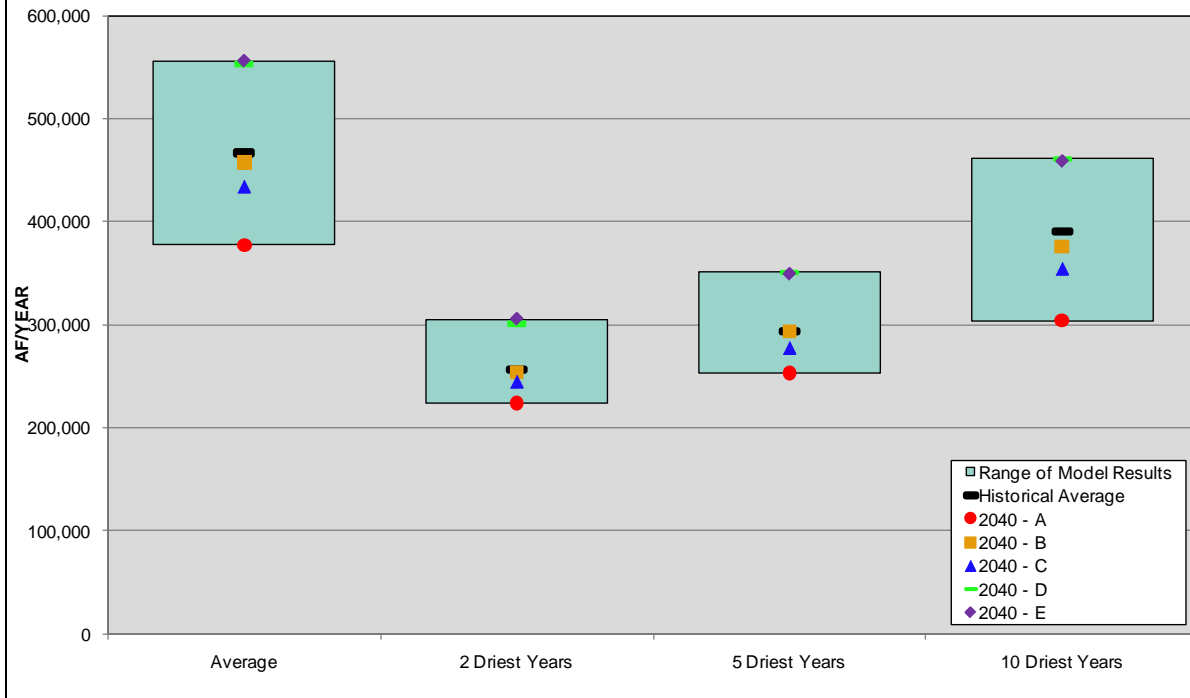
**Figure C76. Williams Fork at Mouth, near Hamilton (09249750)
2040 Natural Flow**



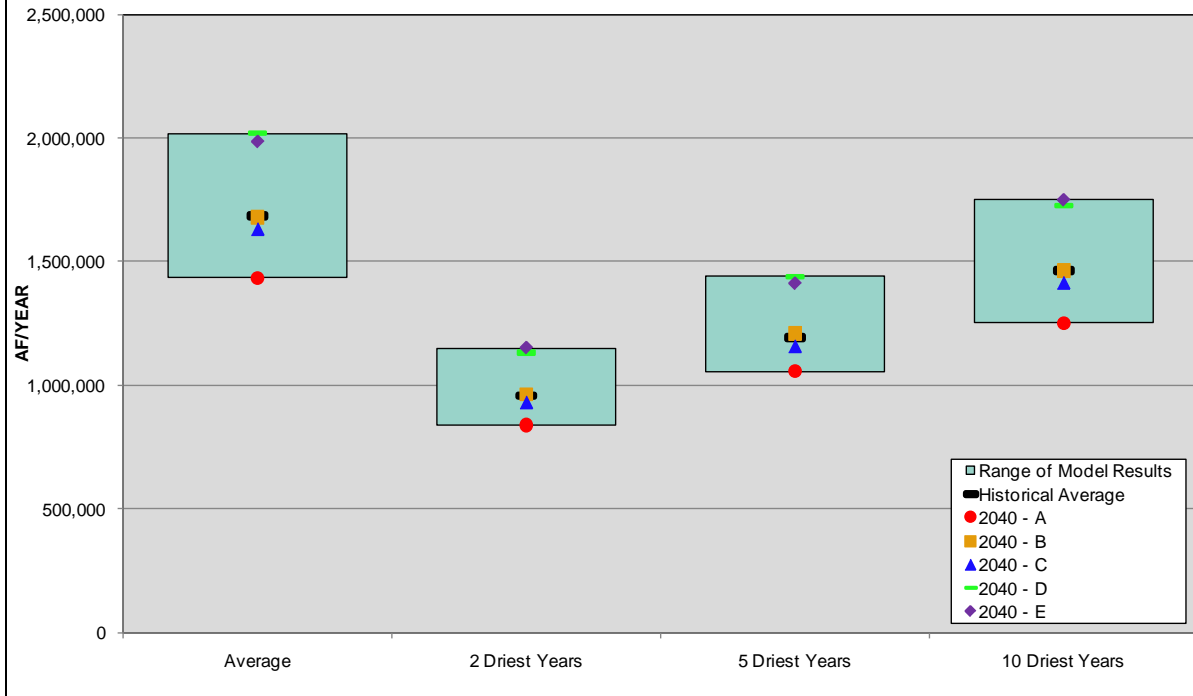
**Figure C77. Yampa River near Maybell (09251000)
2040 Natural Flow**



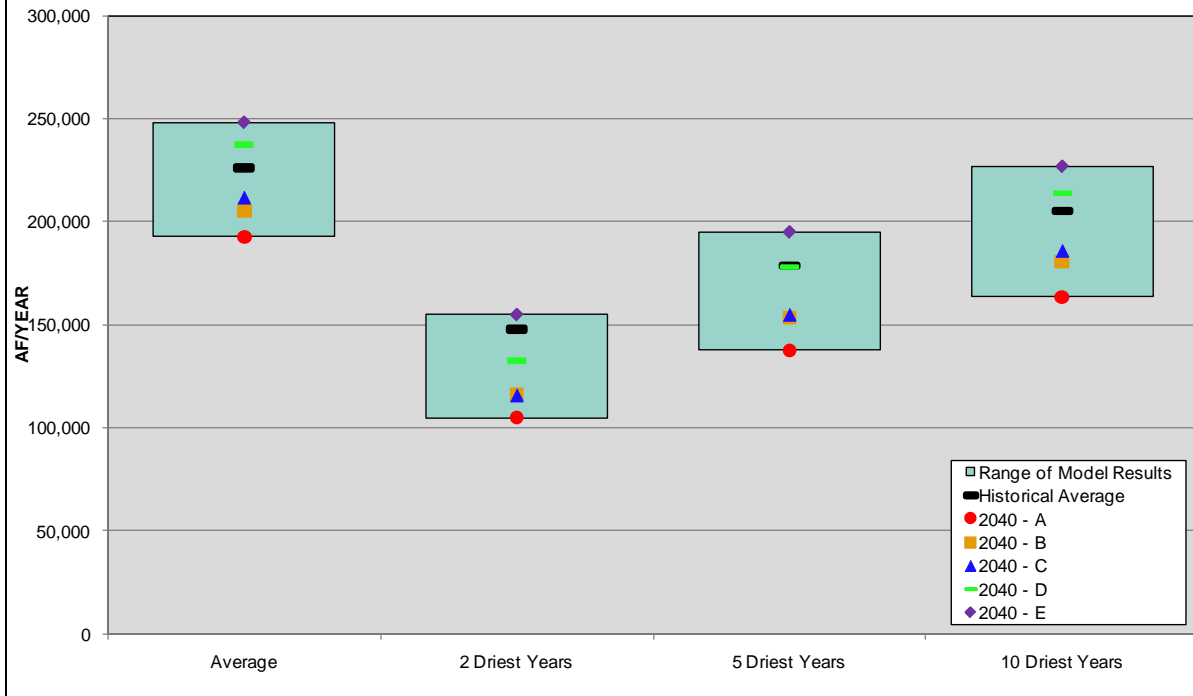
**Figure C78. Little Snake River near Lily (09260000)
2040 Natural Flow**



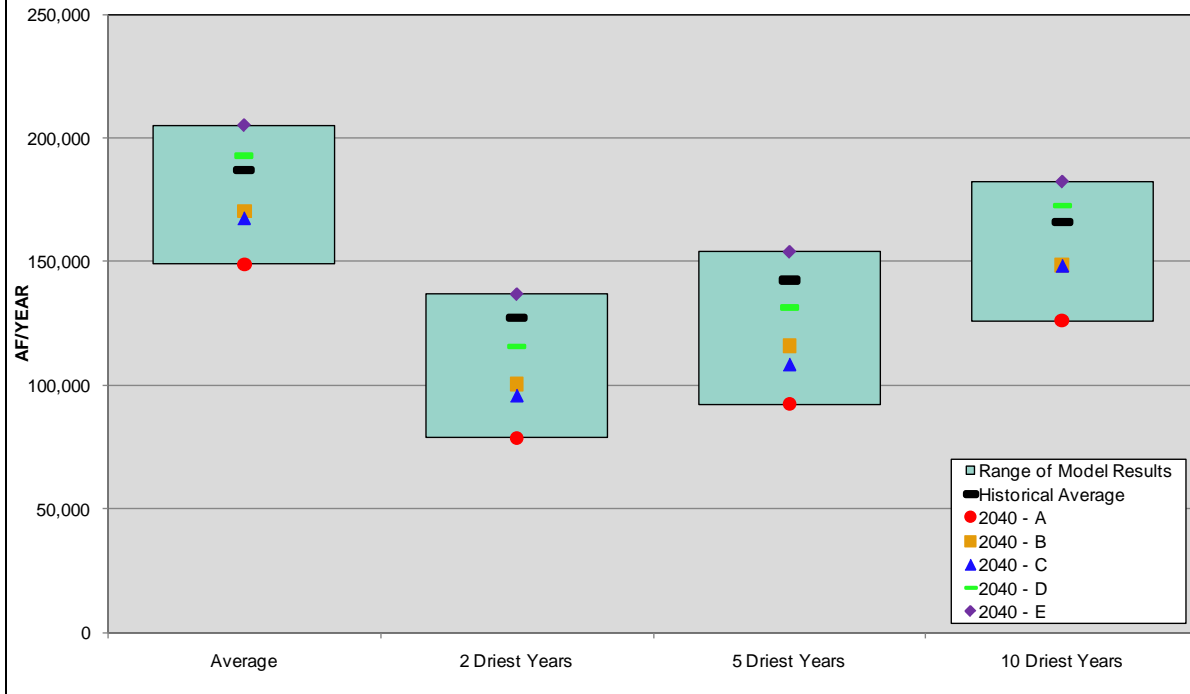
**Figure C79. Yampa River at Deerlodge Park (09260050)
2040 Natural Flow**



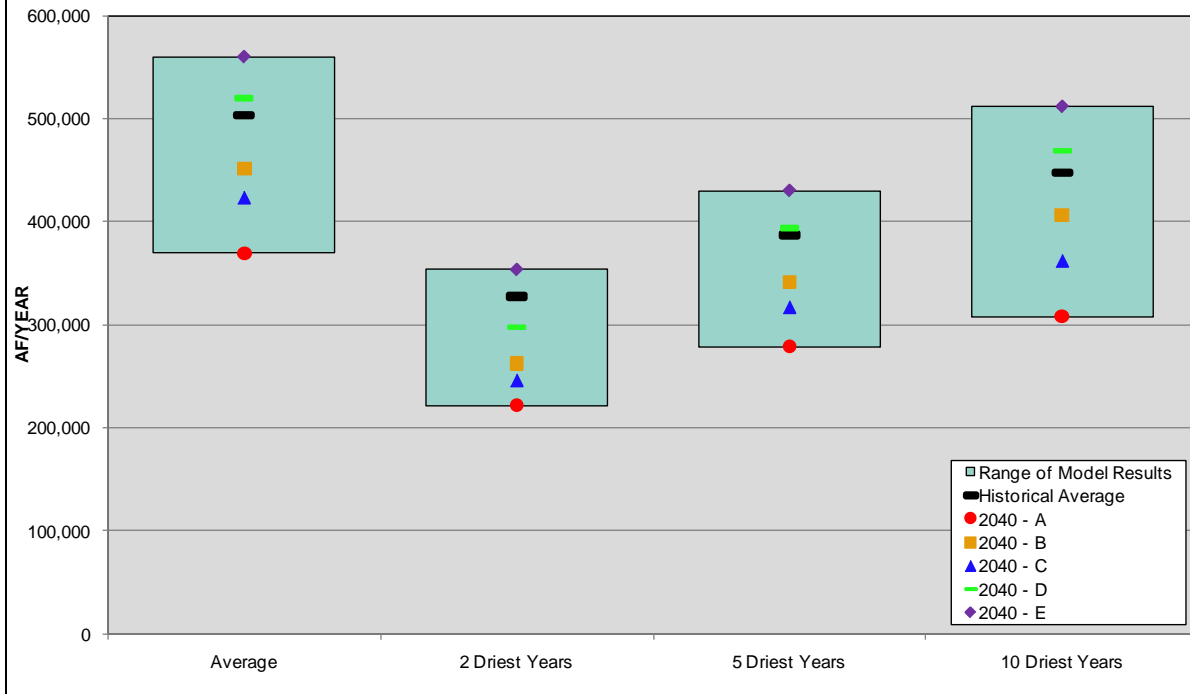
**Figure C80. North Fork White River at Buford (09303000)
2040 Natural Flow**



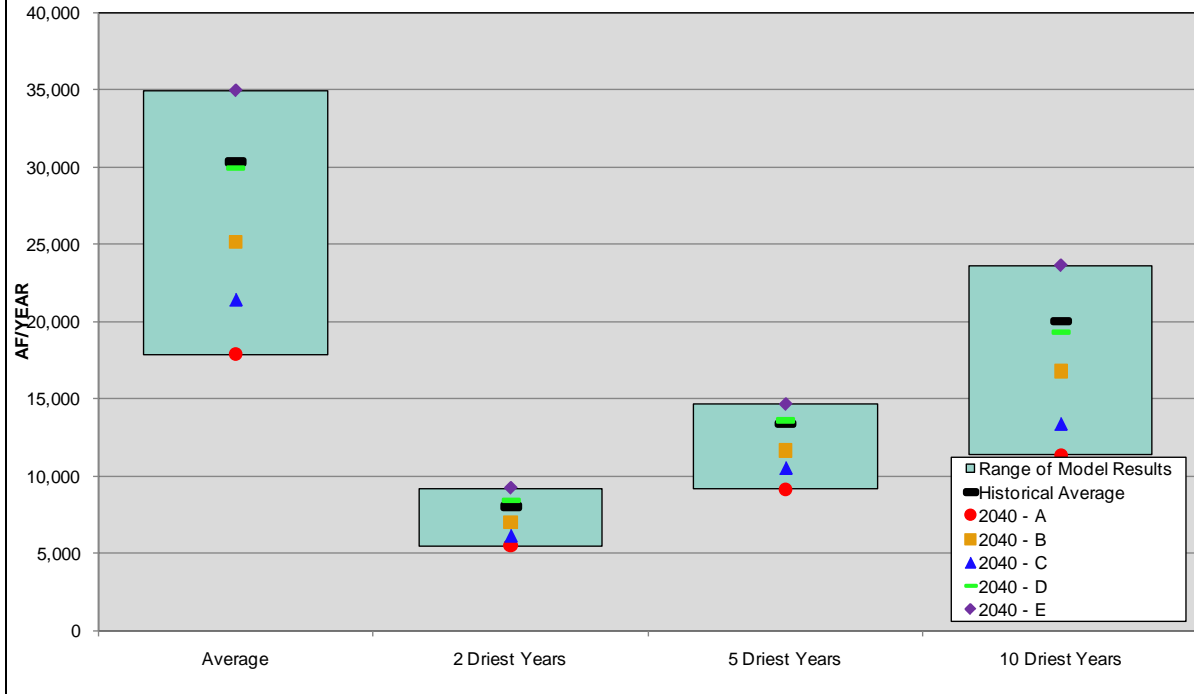
**Figure C81. South Fork White River at Buford (09304000)
2040 Natural Flow**



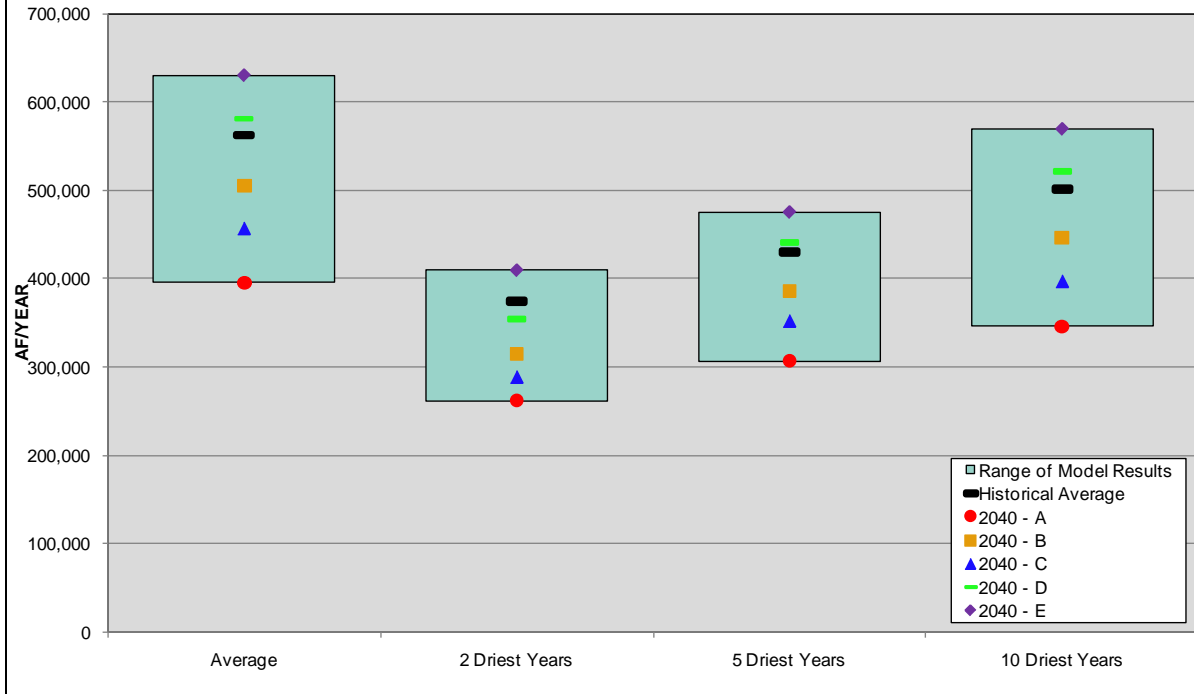
**Figure C82. White River below Meeker (09304800)
2040 Natural Flow**



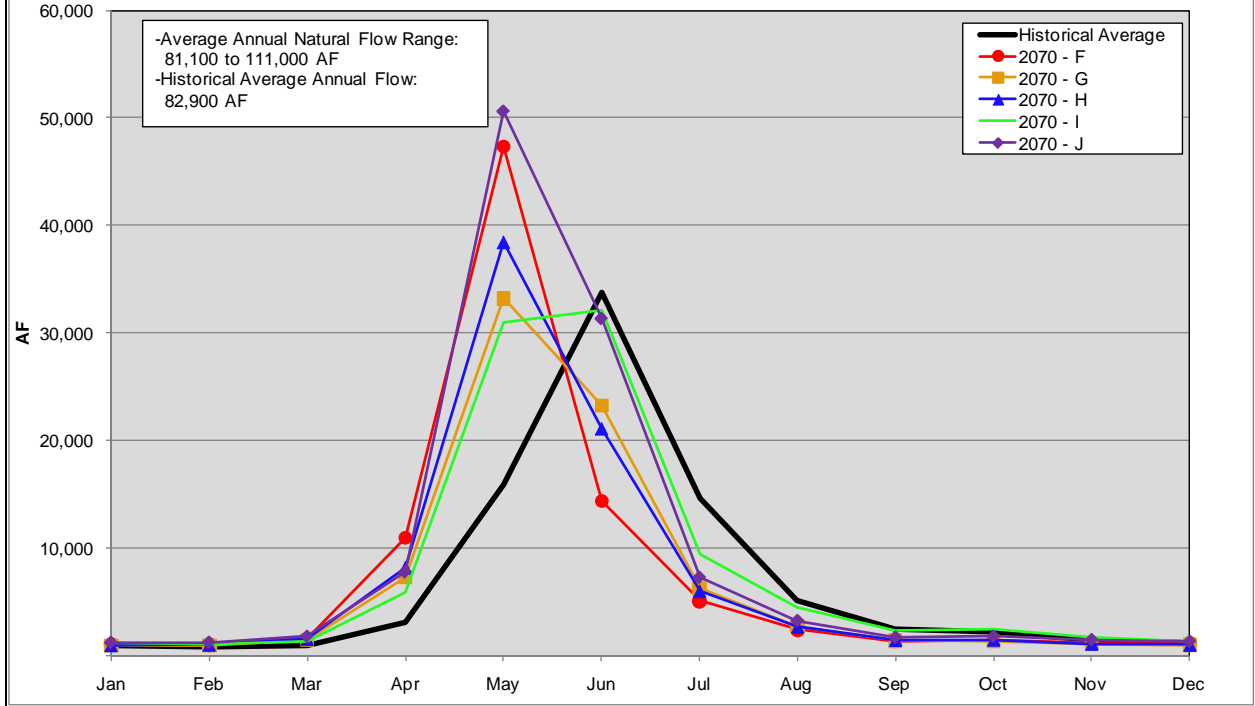
**Figure C83. Piceance Creek at White River (09306222)
2040 Natural Flow**



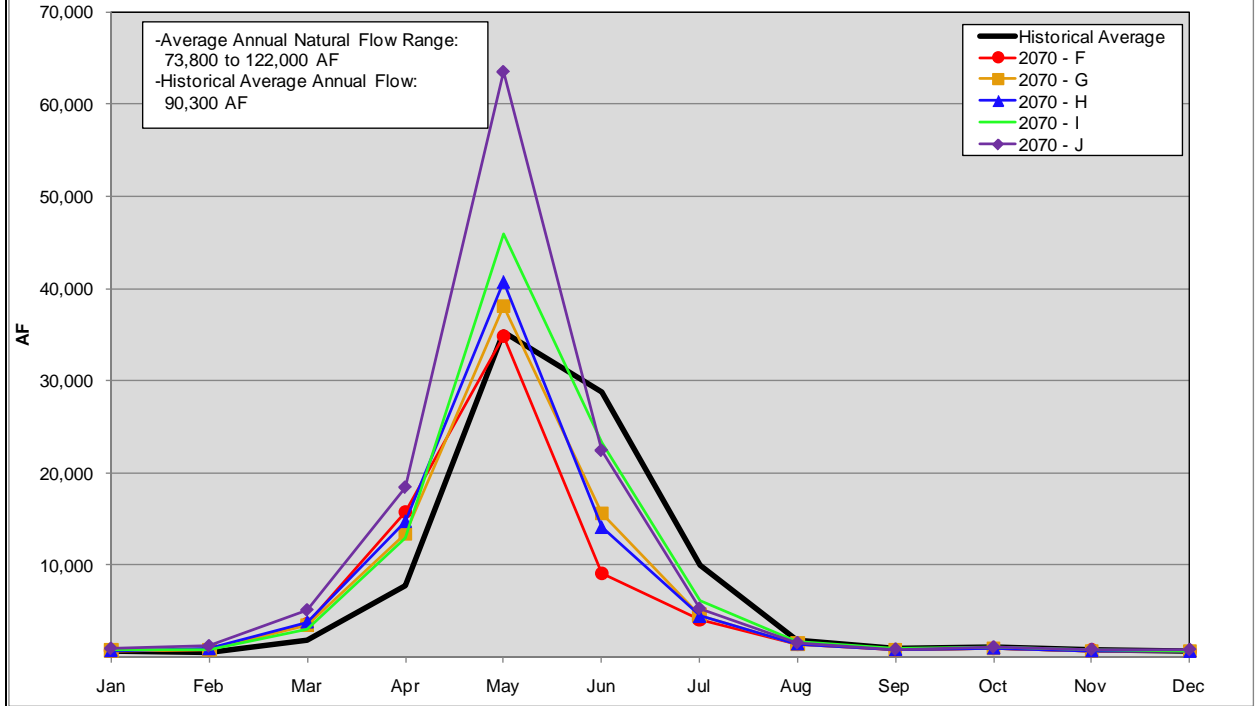
**Figure C84. White River near Colorado State Line, UT (09306395)
2040 Natural Flow**



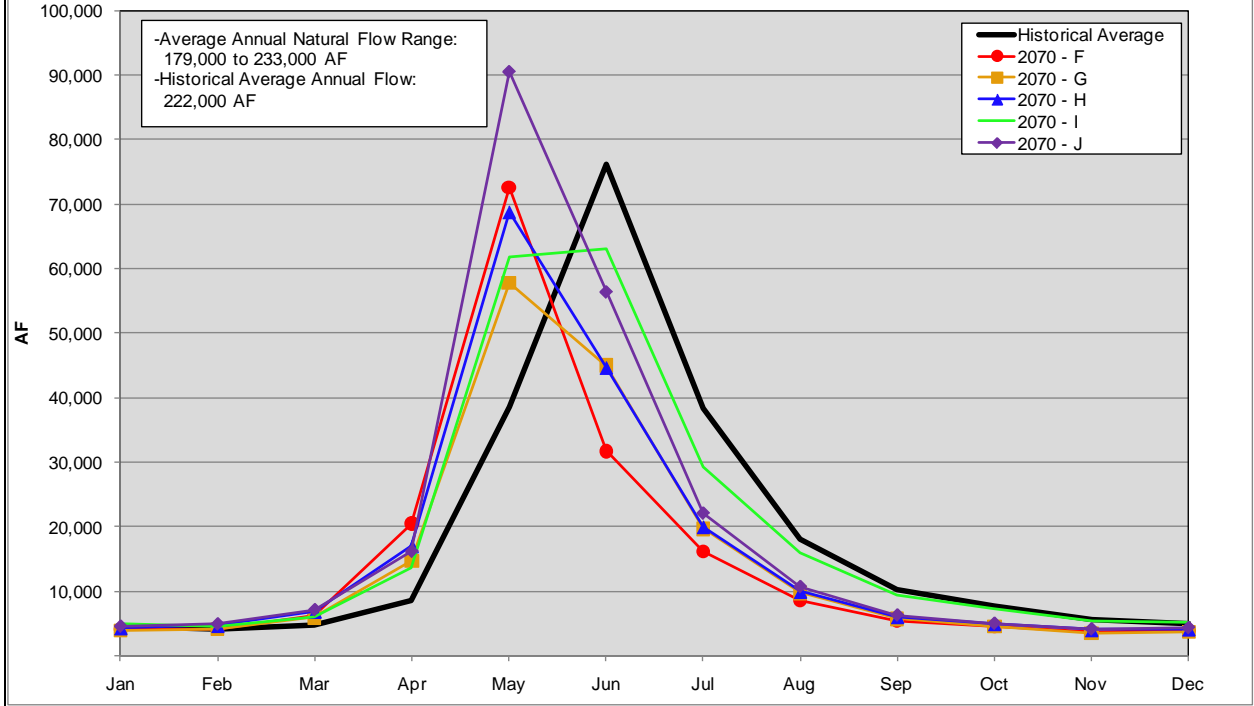
**Figure C85. Colorado River near Grand Lake (09011000)
2070 Average Monthly Natural Flow**



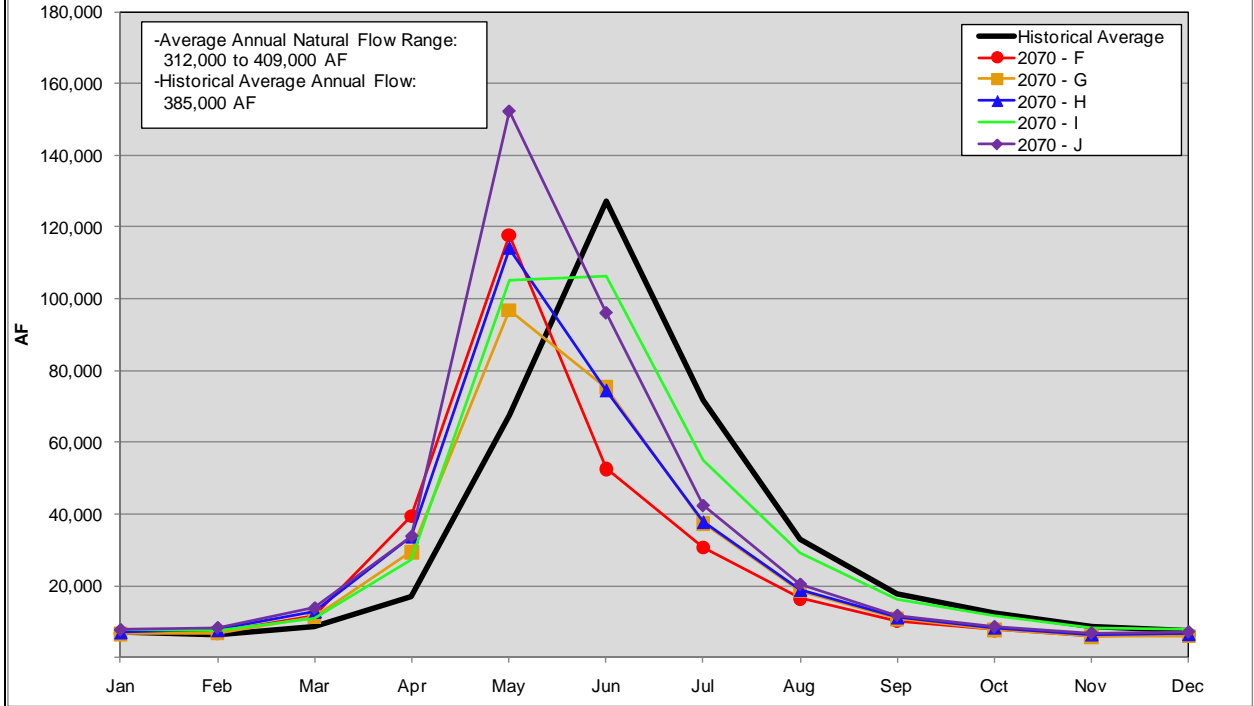
**Figure C86. Muddy Creek at Kremmling (09041500)
2070 Average Monthly Natural Flow**



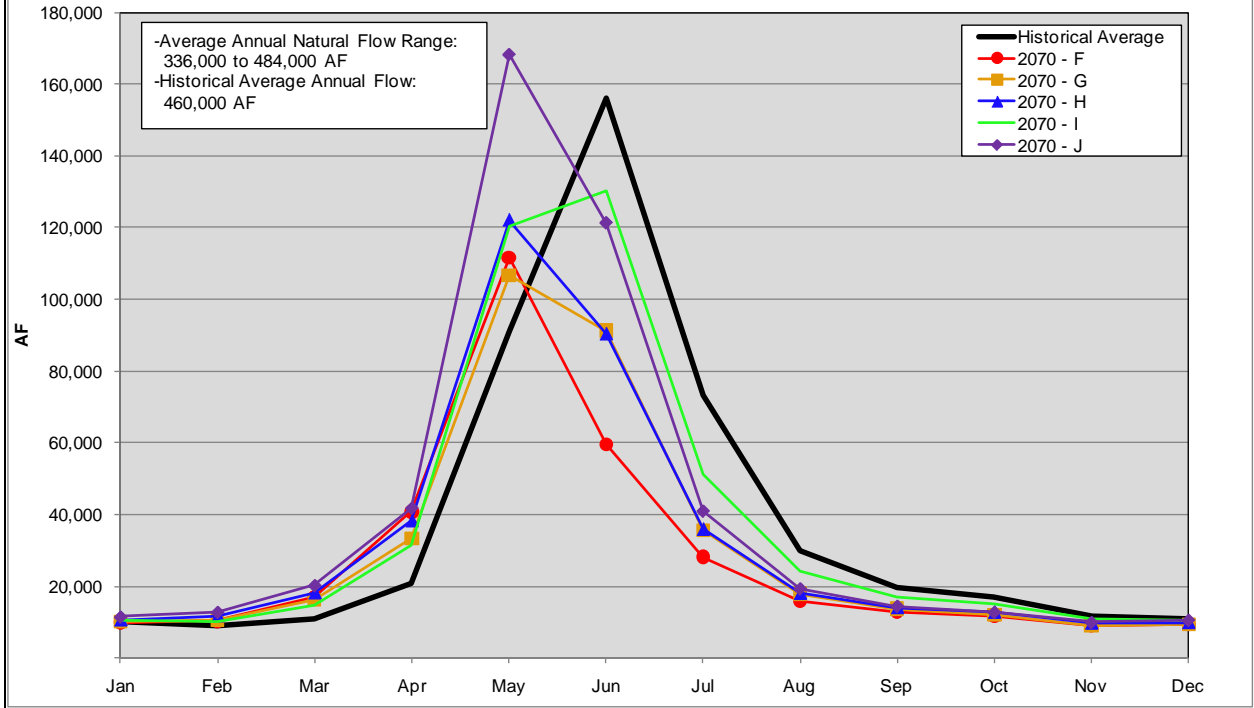
**Figure C87. Blue River below Dillon Reservoir (09050700)
2070 Average Monthly Natural Flow**



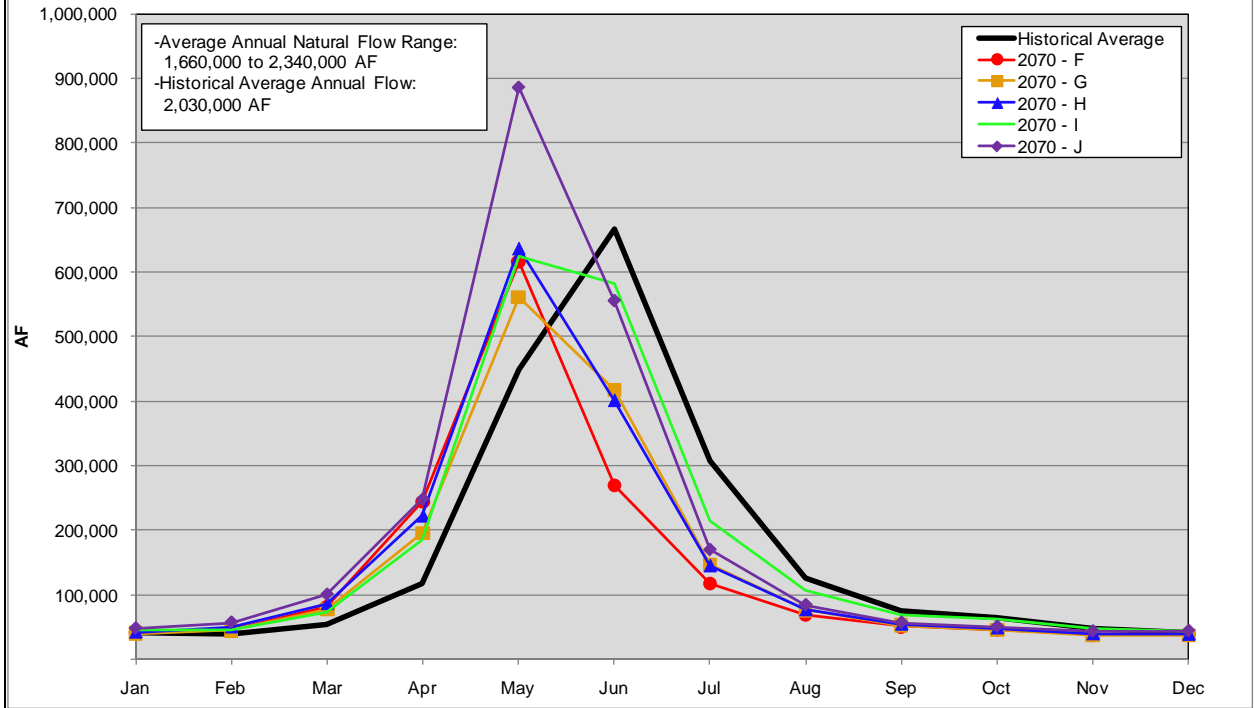
**Figure C88. Blue River below Green Mountain Reservoir (09057500)
2070 Average Monthly Natural Flow**



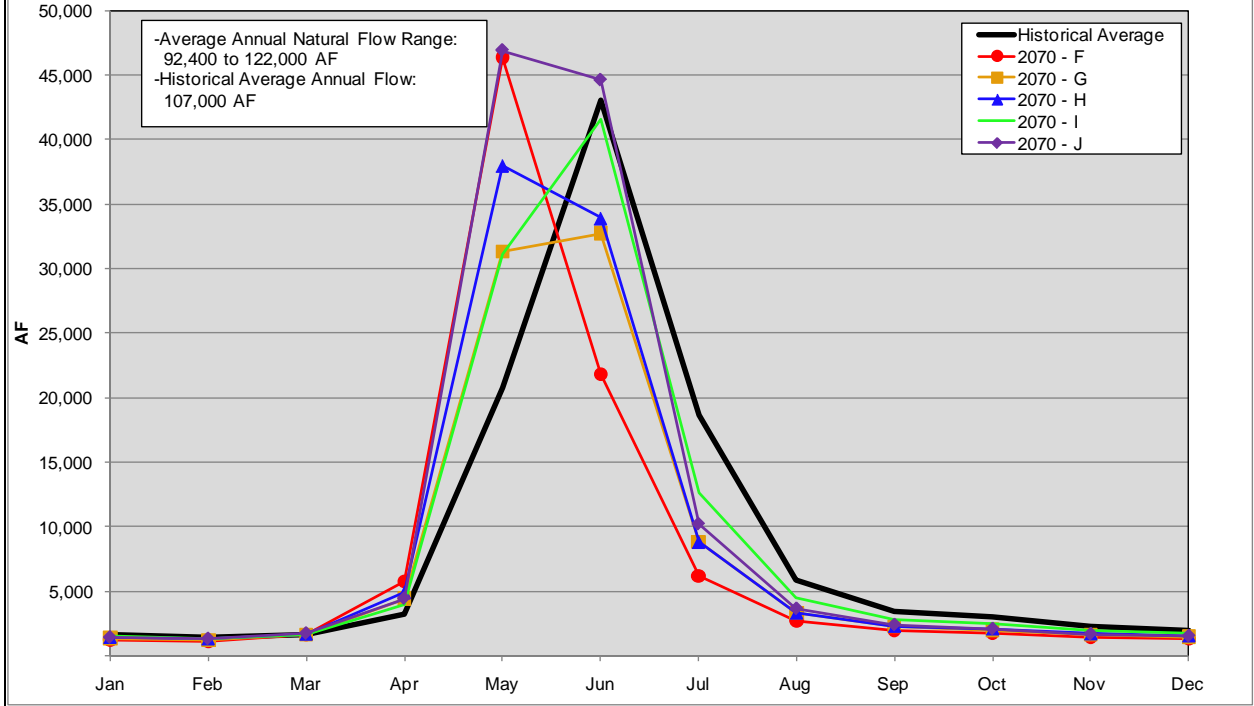
**Figure C89. Eagle River below Gypsum (09070000)
2070 Average Monthly Natural Flow**



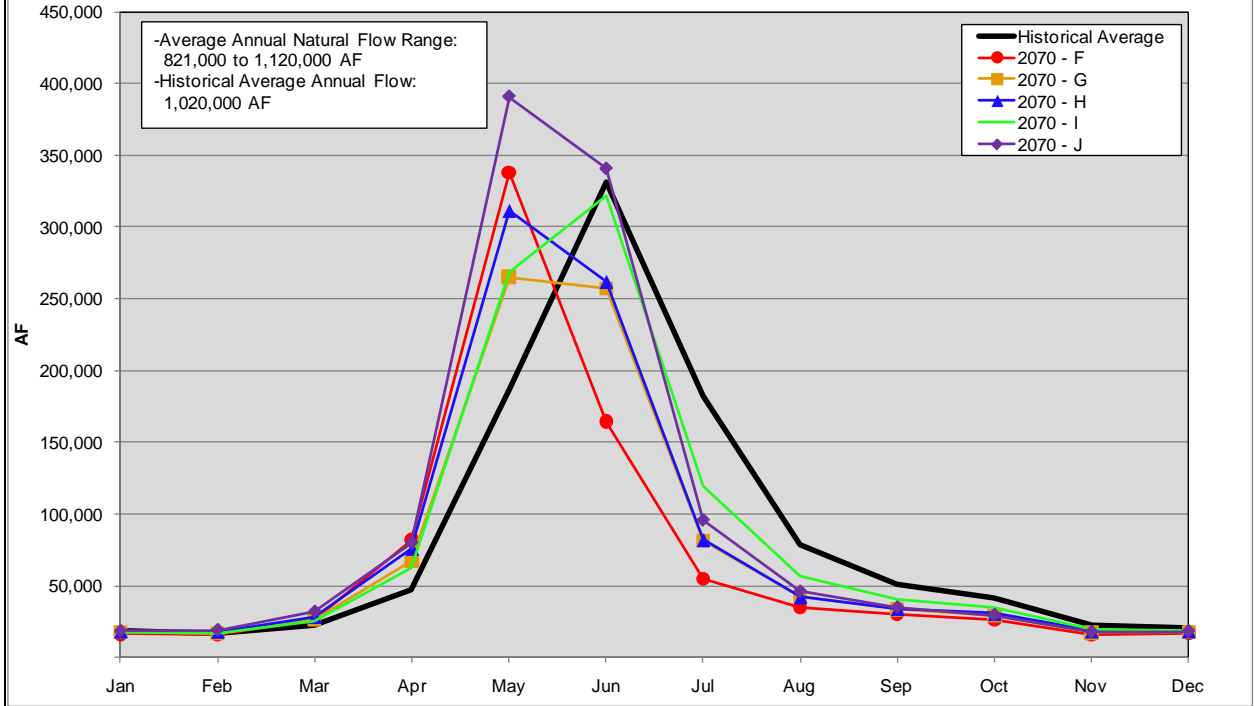
**Figure C90. Colorado River near Dotsero (09070500)
2070 Average Monthly Natural Flow**



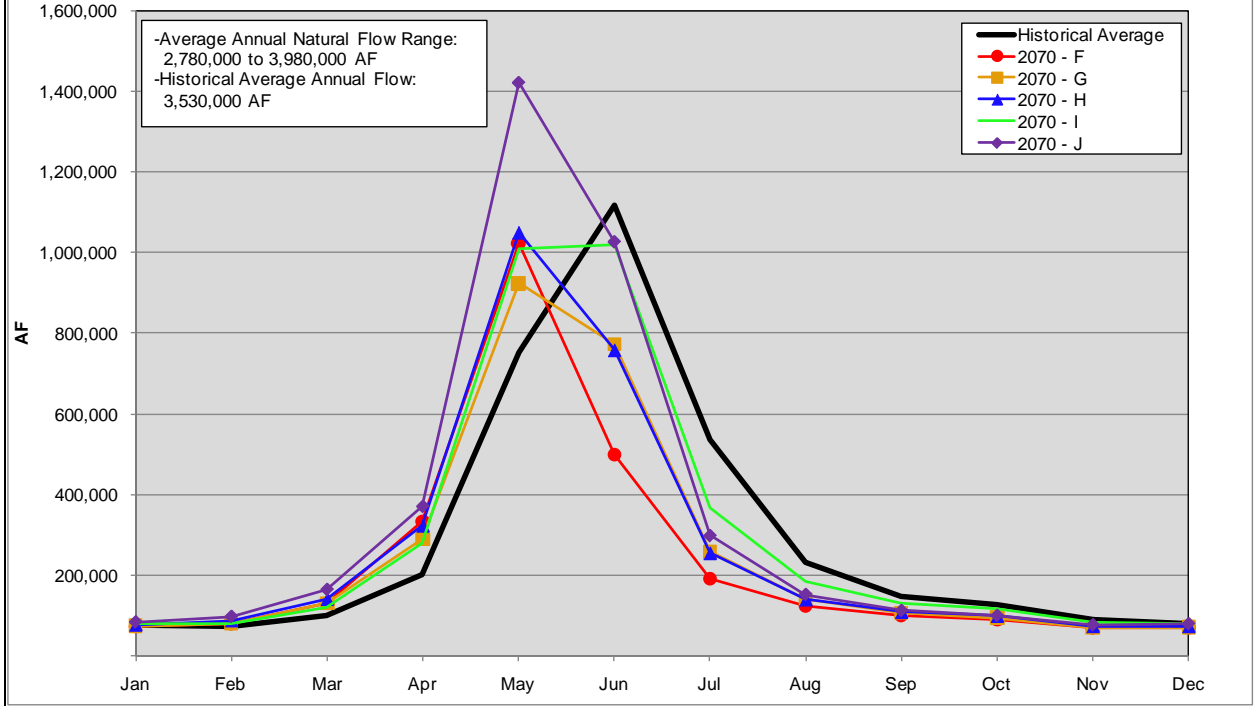
**Figure C91. Roaring Fork River near Aspen (09073400)
2070 Average Monthly Natural Flow**



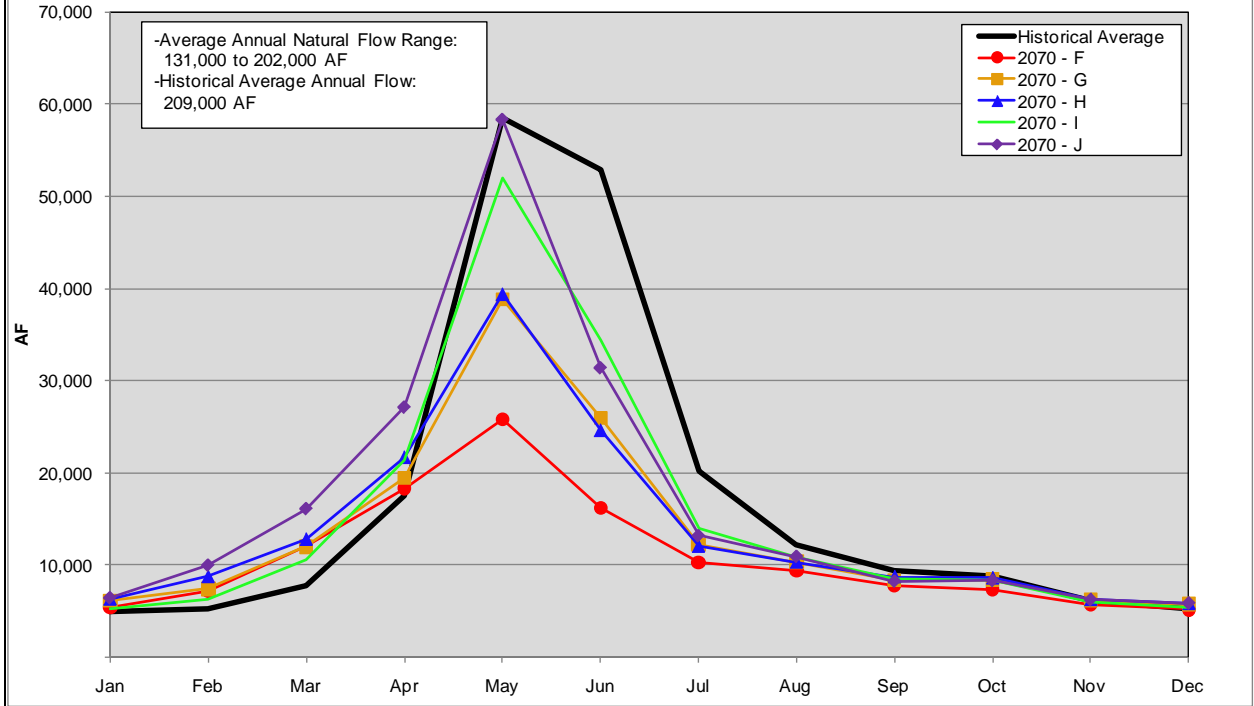
**Figure C92. Roaring Fork River at Glenwood Springs (09085000)
2070 Average Monthly Natural Flow**



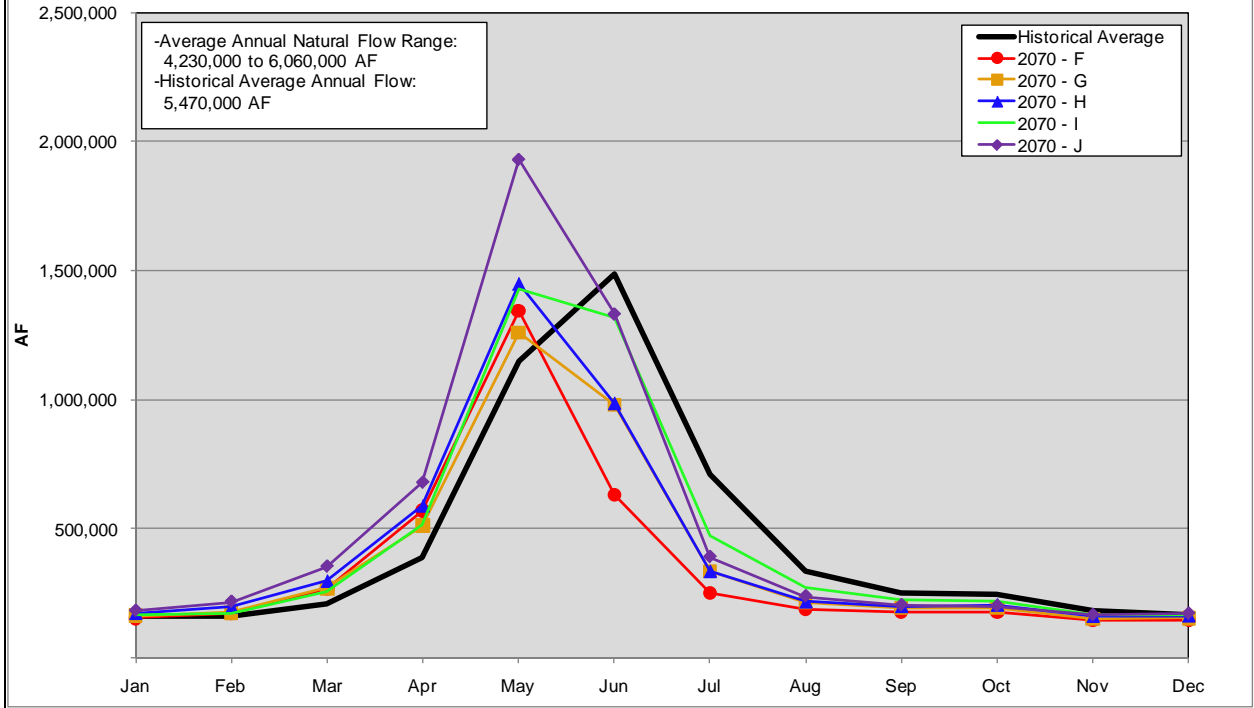
**Figure C93. Colorado River near Cameo (09095500)
2070 Average Monthly Natural Flow**



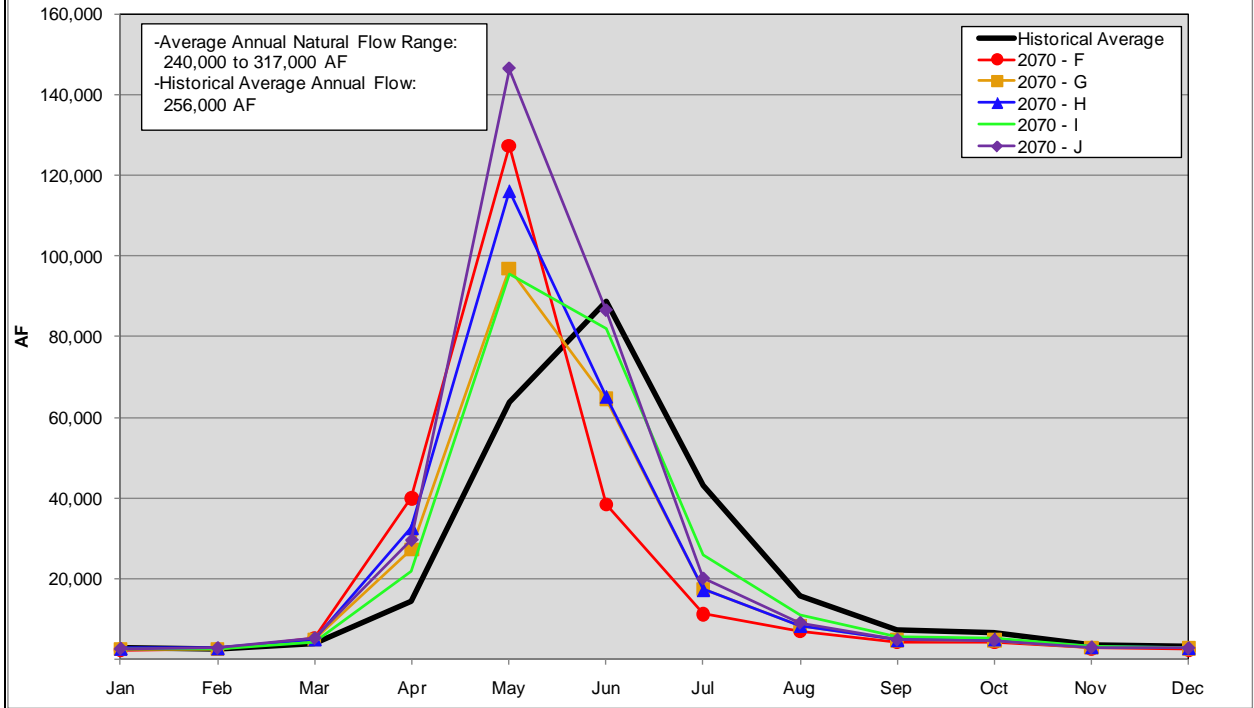
**Figure C94. Plateau Creek near Cameo (09105000)
2070 Average Monthly Natural Flow**



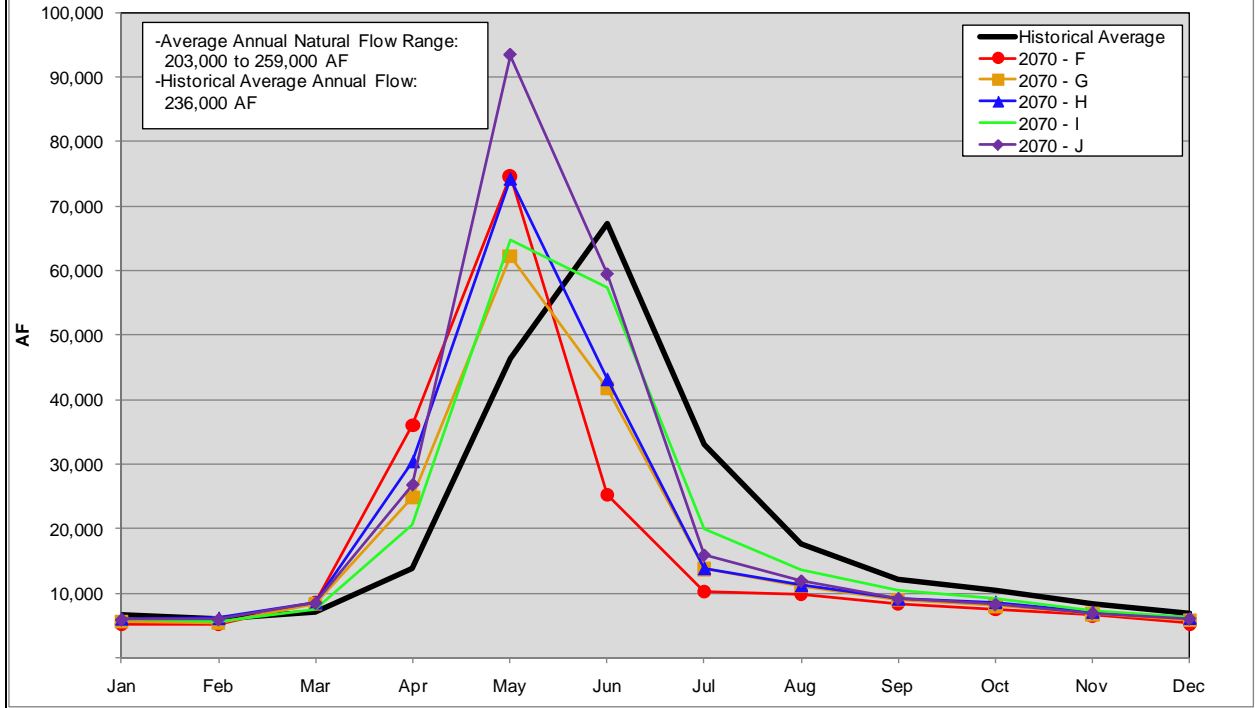
**Figure C95. Colorado River near Colorado-Utah State Line (09163500)
2070 Average Monthly Natural Flow**



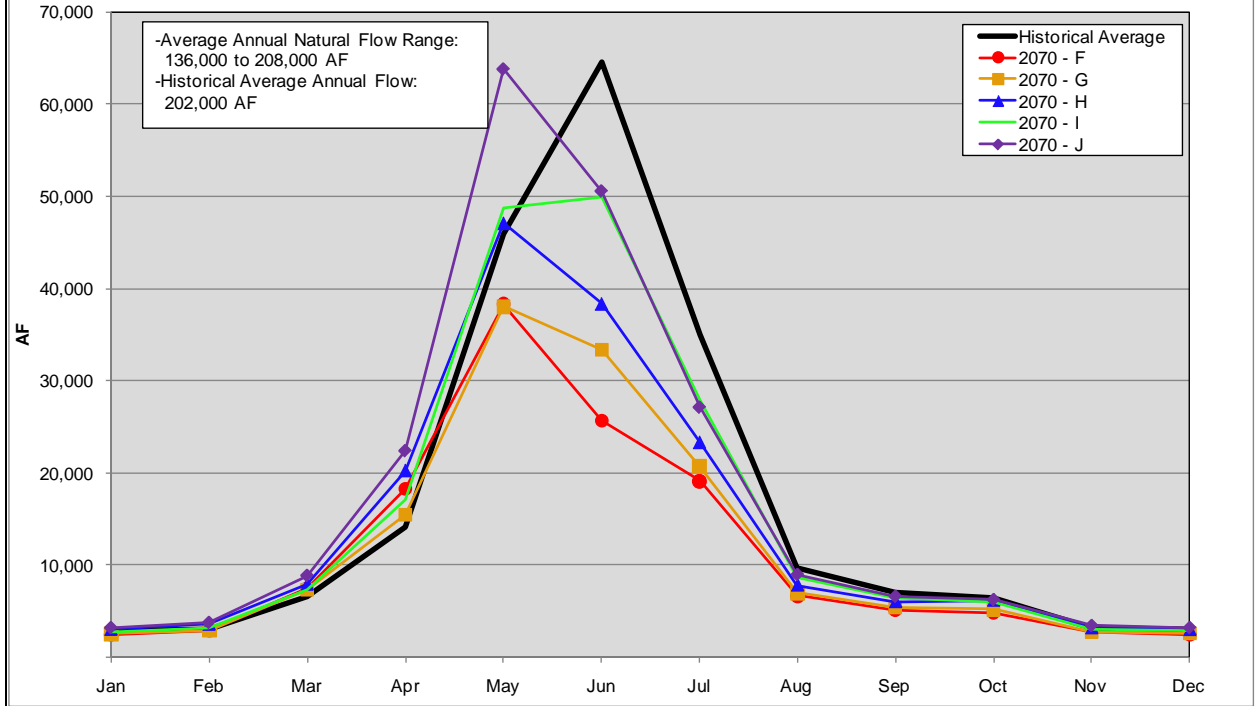
**Figure C96. East River at Almont (09112500)
2070 Average Monthly Natural Flow**



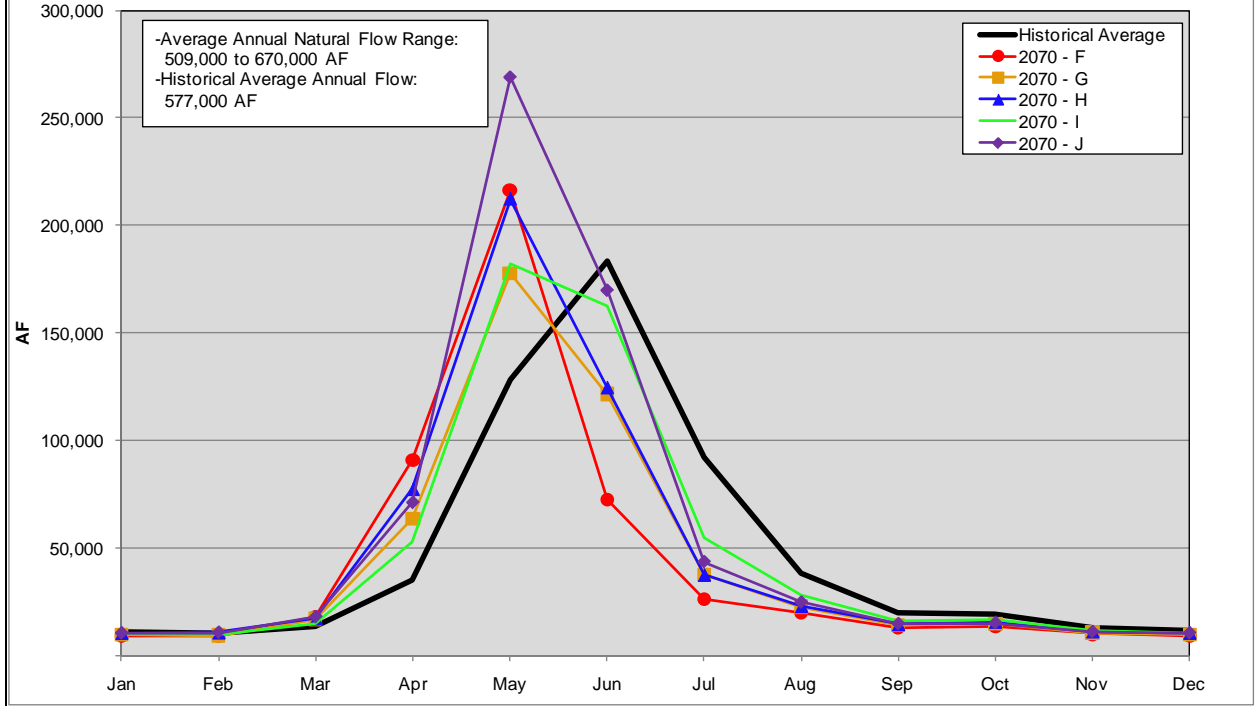
**Figure C97. Taylor River at Almont (09110000)
2070 Average Monthly Natural Flow**



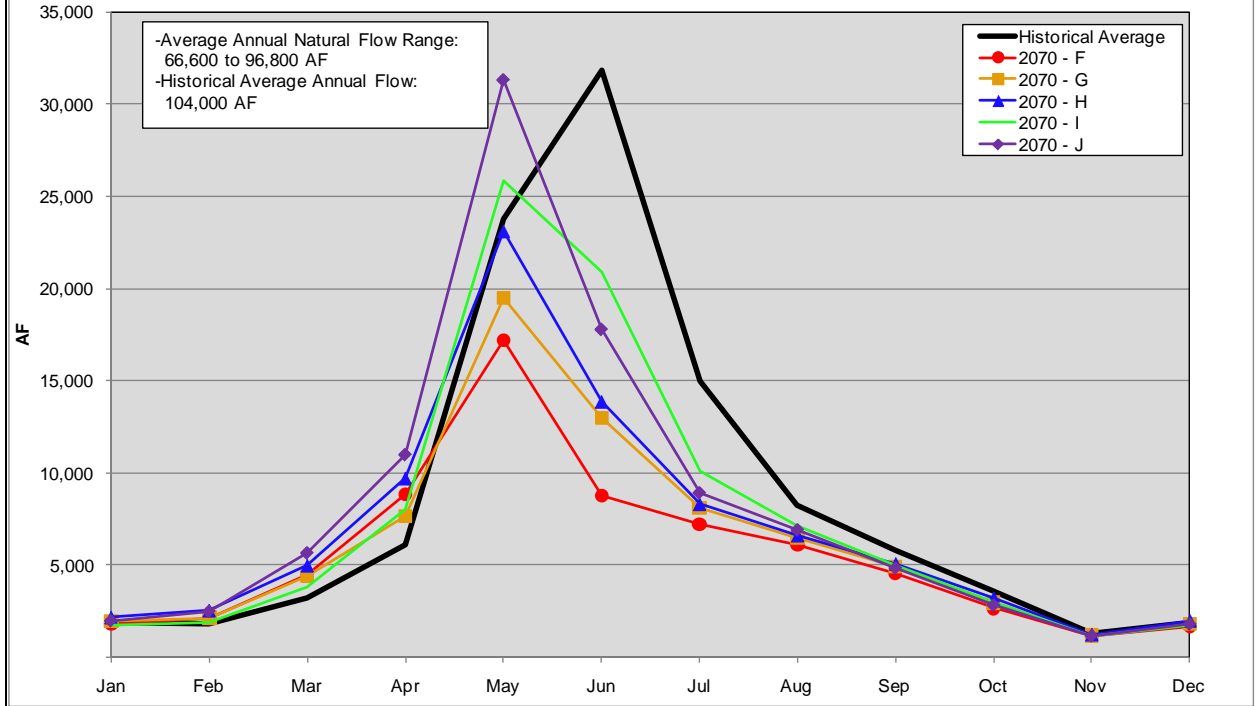
**Figure C98. Tomichi Creek at Gunnison (09119000)
2070 Average Monthly Natural Flow**



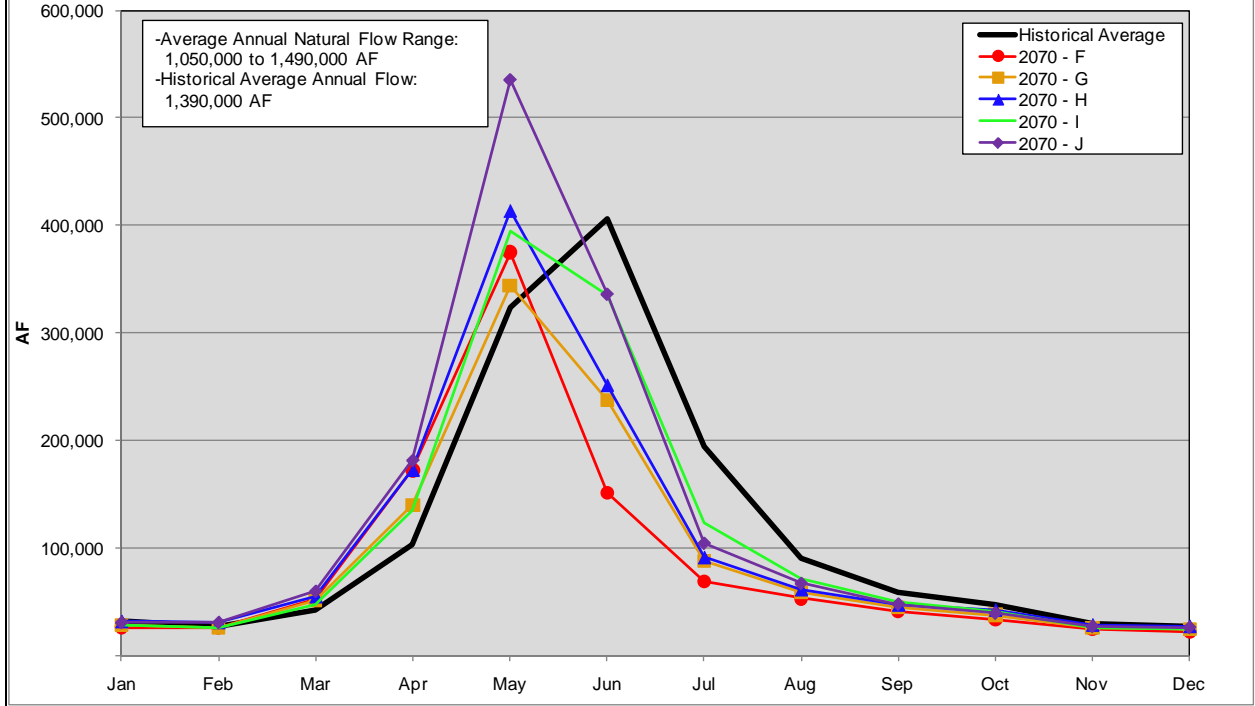
**Figure C99. Gunnison River near Gunnison (09114500)
2070 Average Monthly Natural Flow**



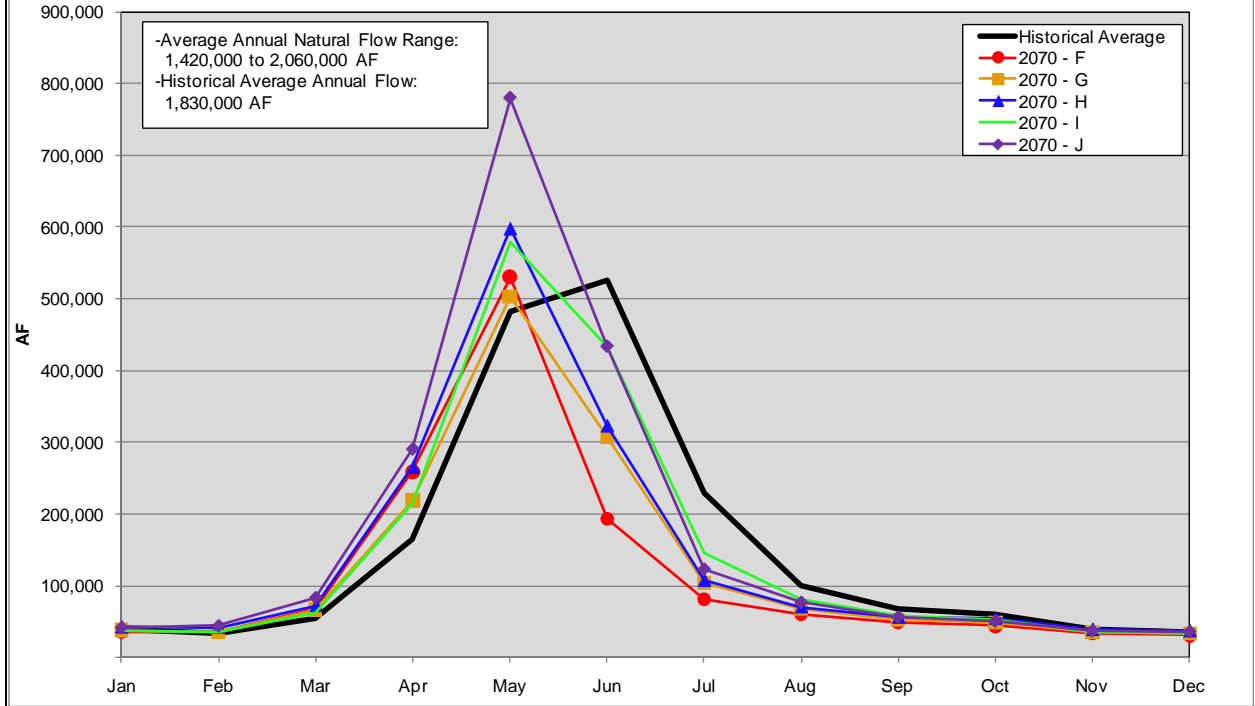
**Figure C100. Cimarron River at Cimarron (09126500)
2070 Average Monthly Natural Flow**



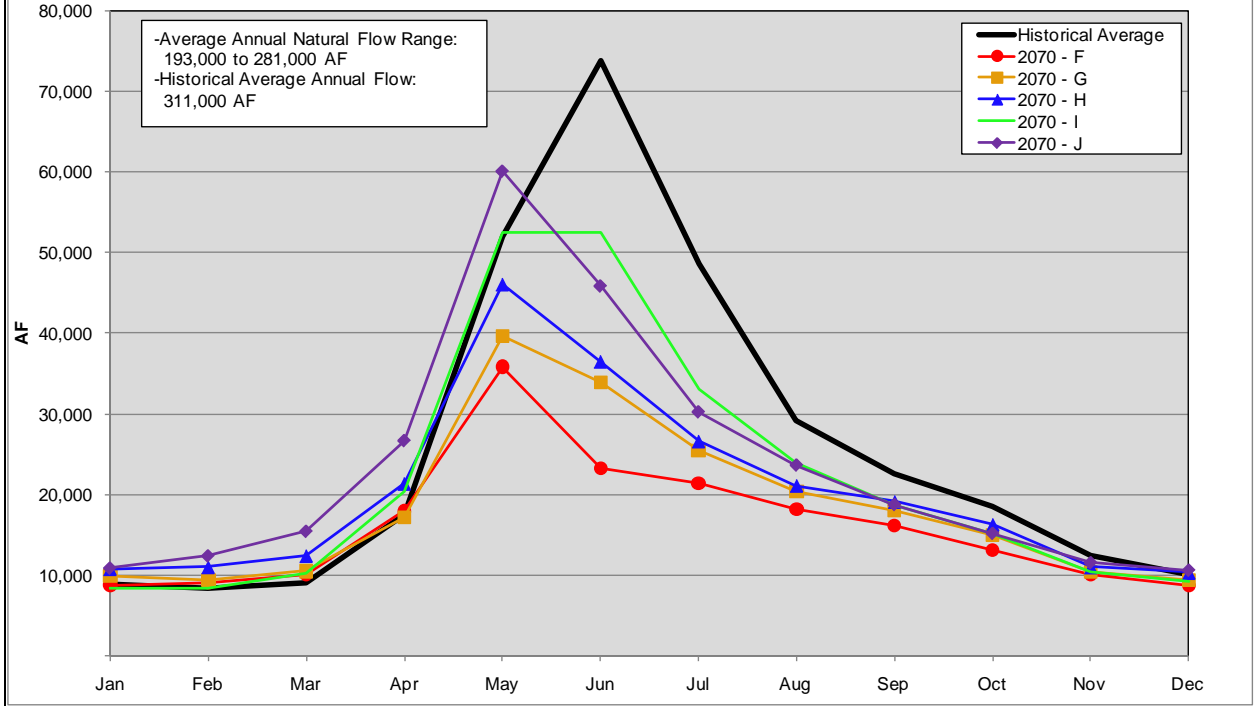
**Figure C101. Gunnison River below Gunnison Tunnel (09128000)
2070 Average Monthly Natural Flow**



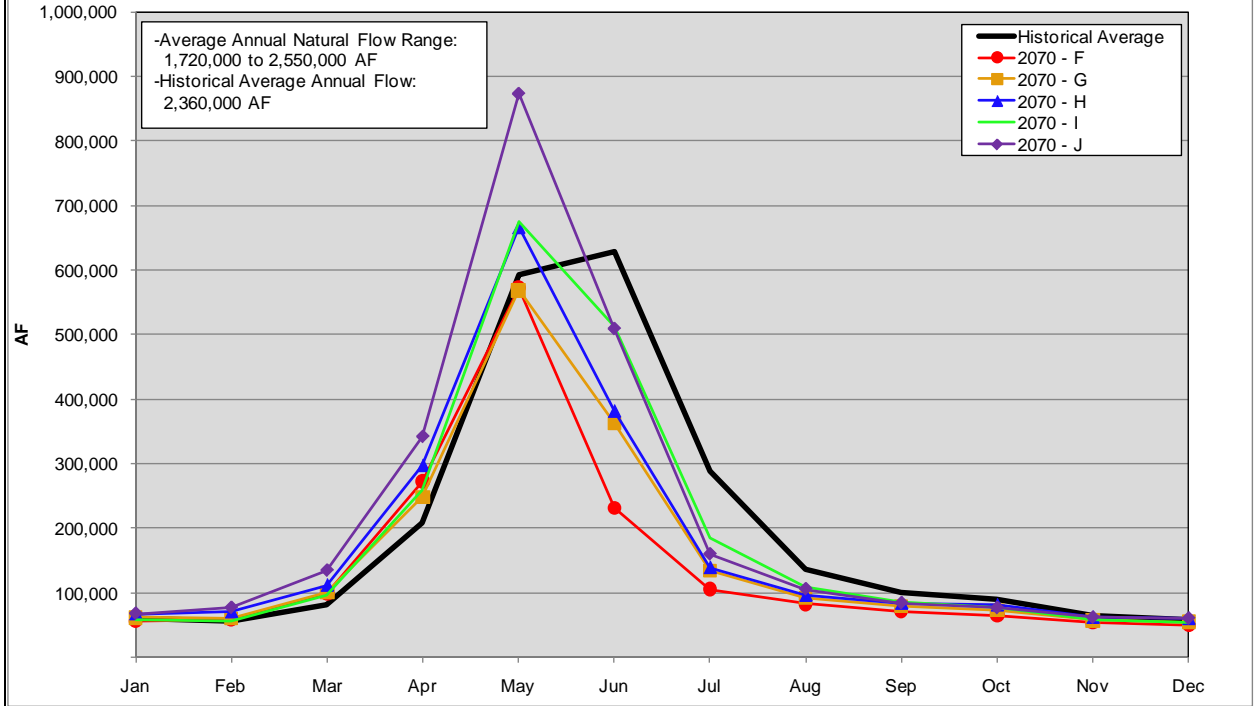
**Figure C102. Gunnison River near Lazear (09136200)
2070 Average Monthly Natural Flow**



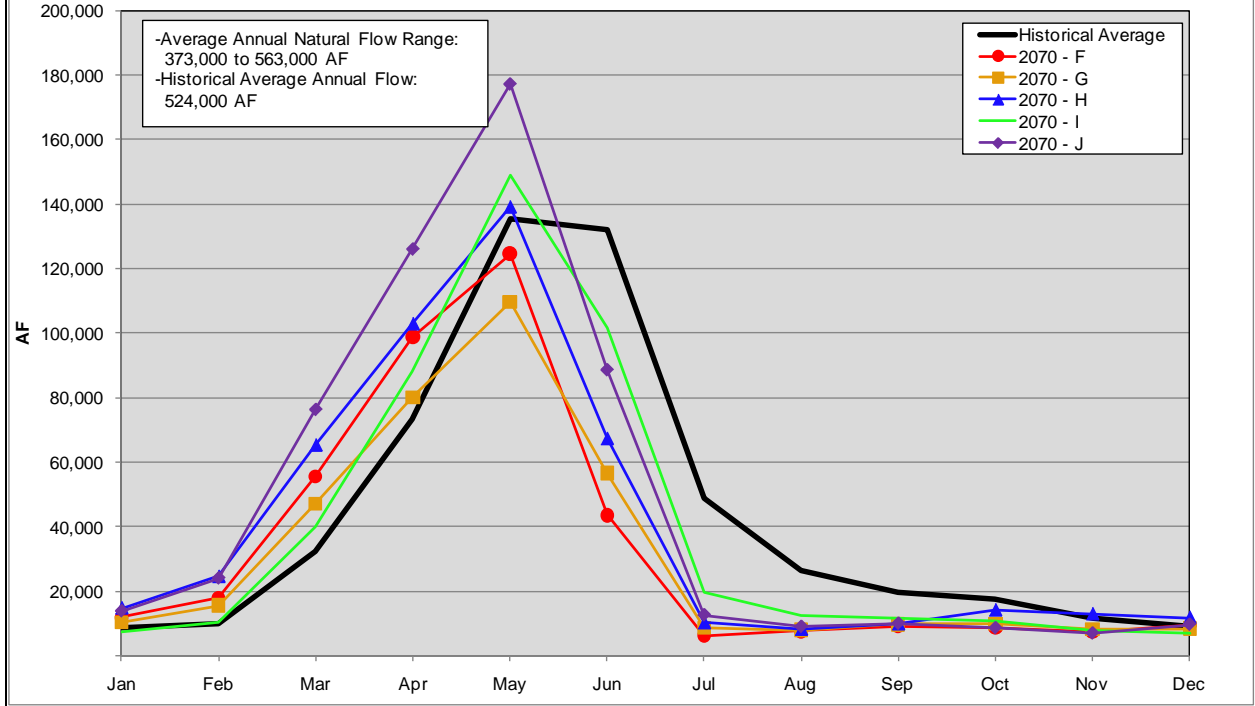
**Figure C103. Uncompahgre River at Delta (09149500)
2070 Average Monthly Natural Flow**



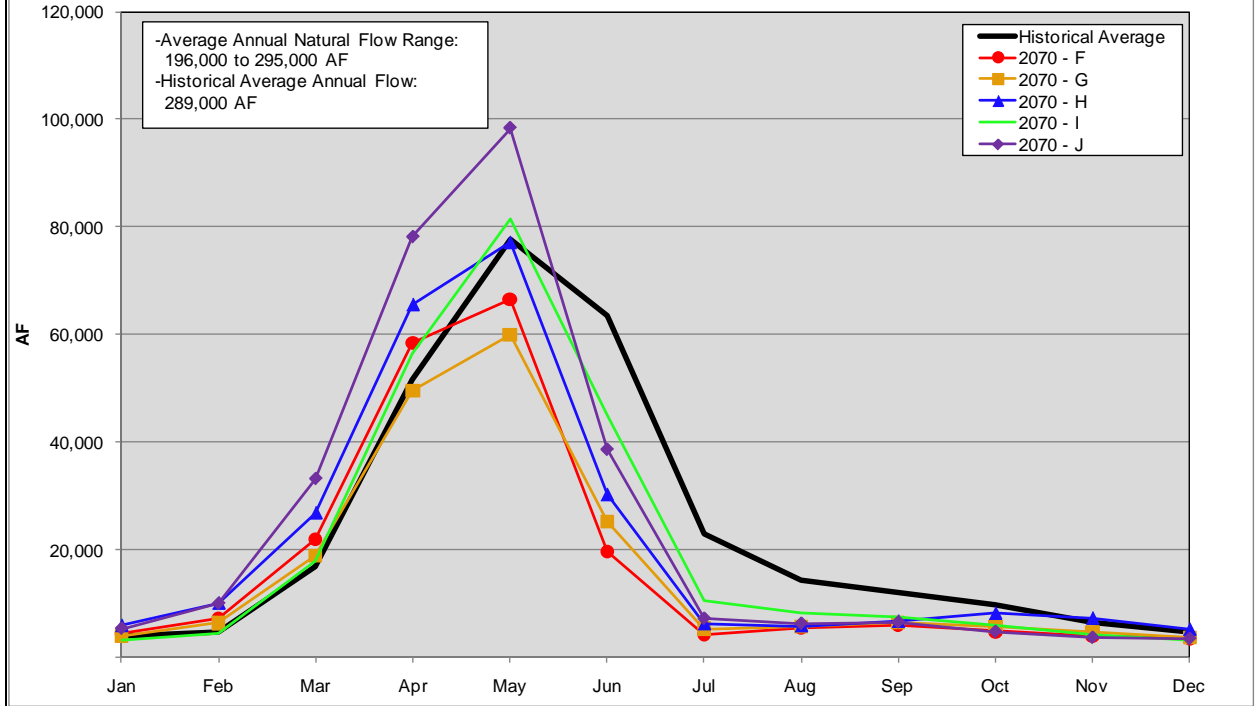
**Figure C104. Gunnison River near Grand Junction (09152500)
2070 Average Monthly Natural Flow**



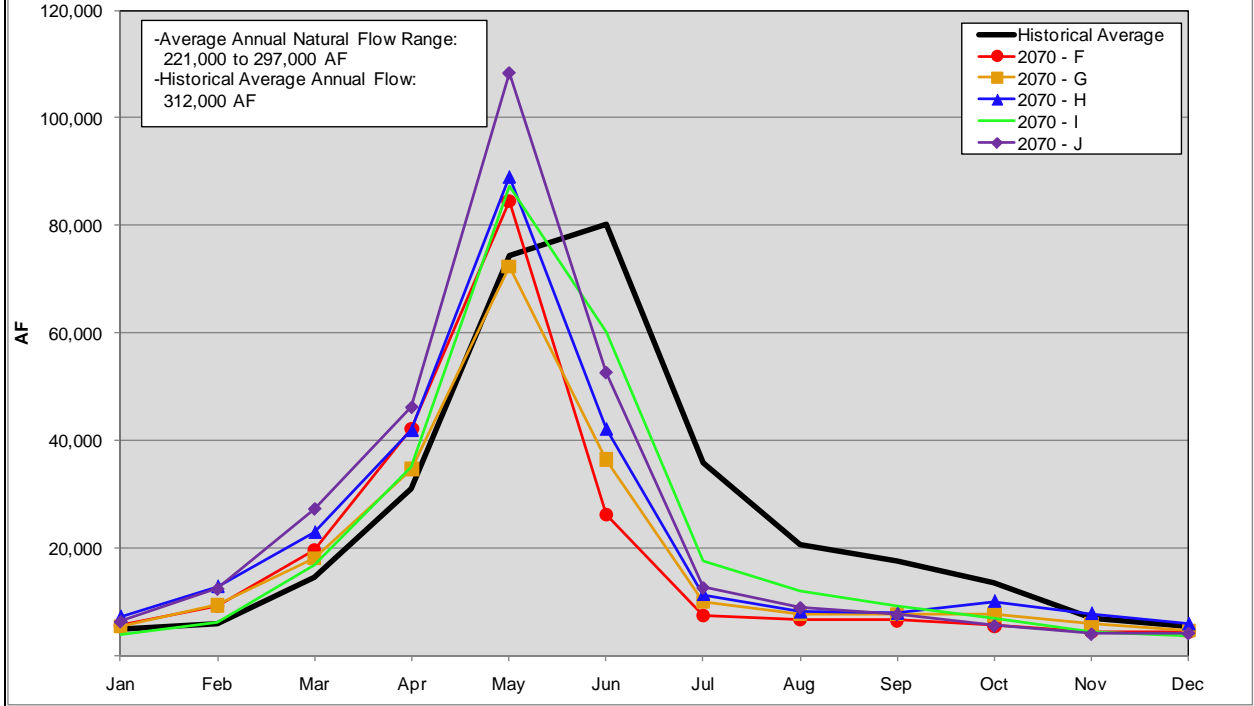
**Figure C105. San Juan River near Carracas (09346400)
2070 Average Monthly Natural Flow**



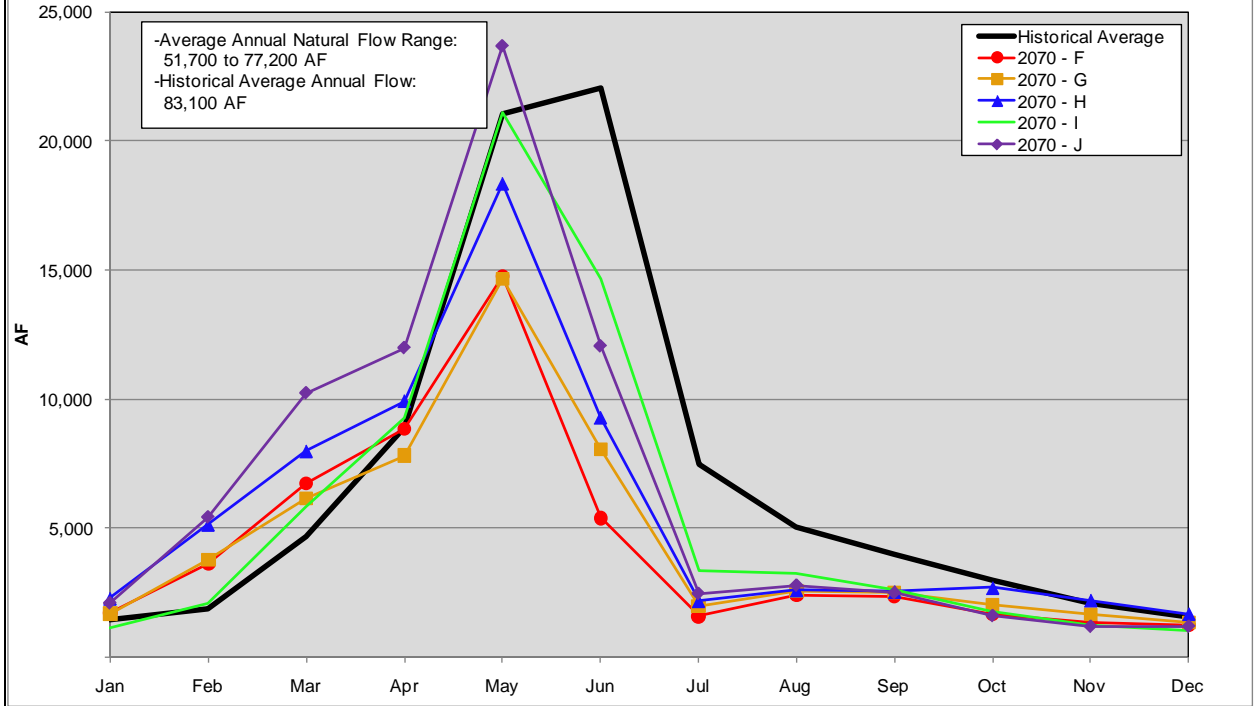
**Figure C106. Piedra River near Arboles (09349800)
2070 Average Monthly Natural Flow**



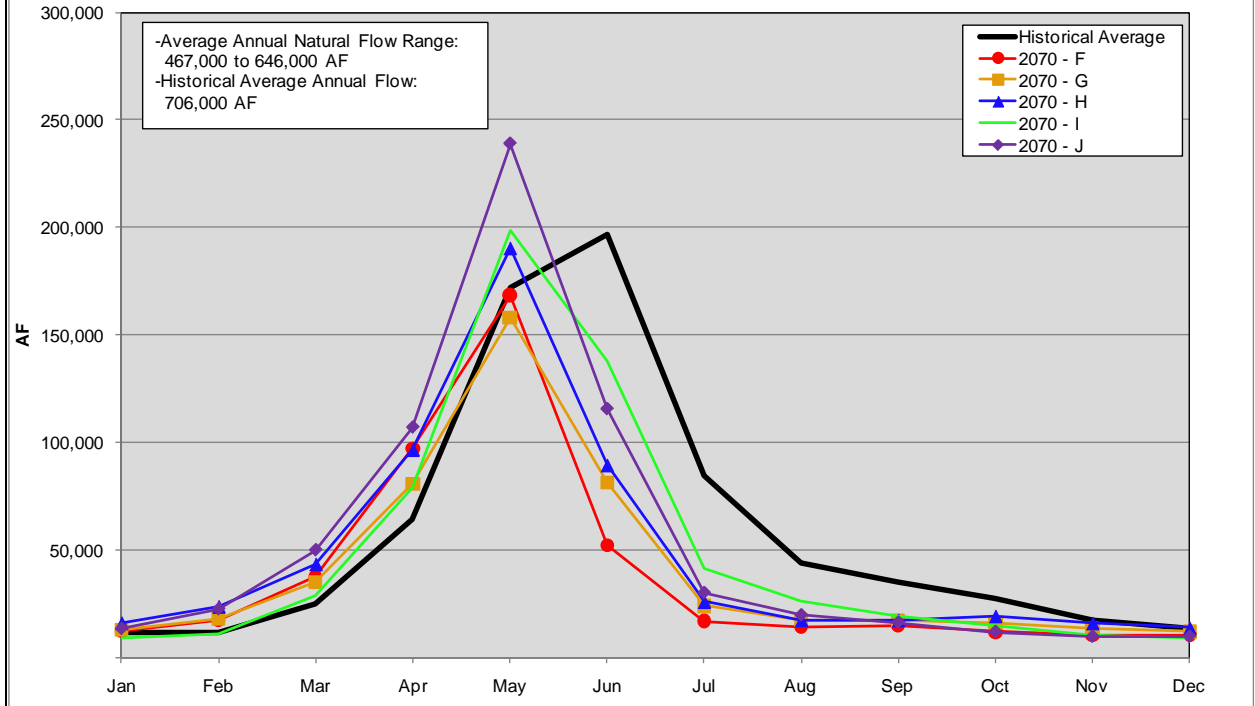
**Figure C107. Los Pinos River at La Boca (09354500)
2070 Average Monthly Natural Flow**



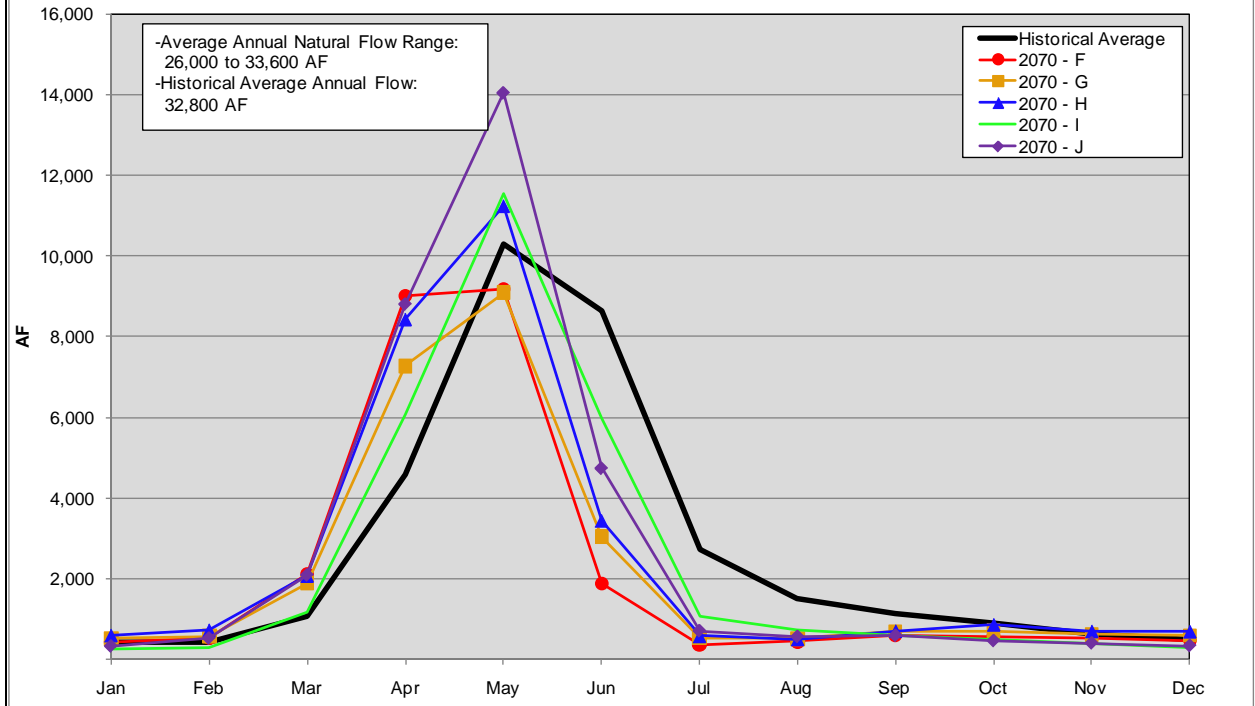
**Figure C108. Florida River at Bondad (09363200)
2070 Average Monthly Natural Flow**



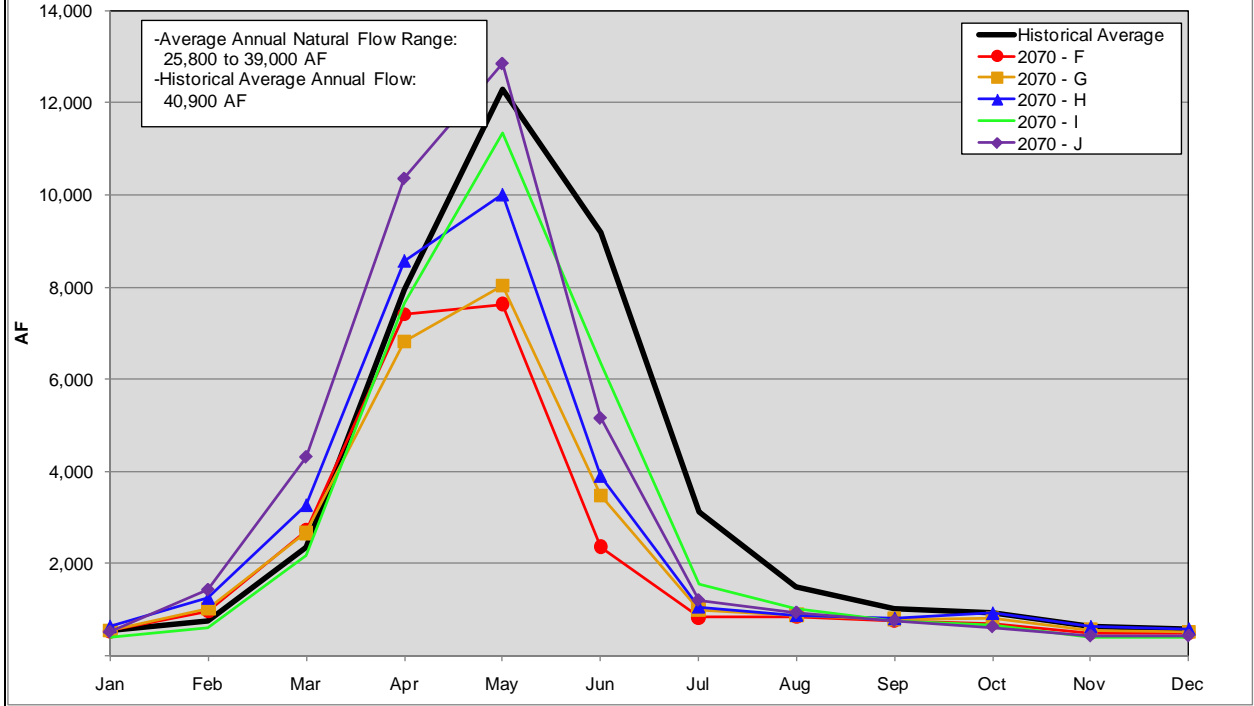
**Figure C109. Animas River near Cedar Hill, NM (09363500)
2070 Average Monthly Natural Flow**



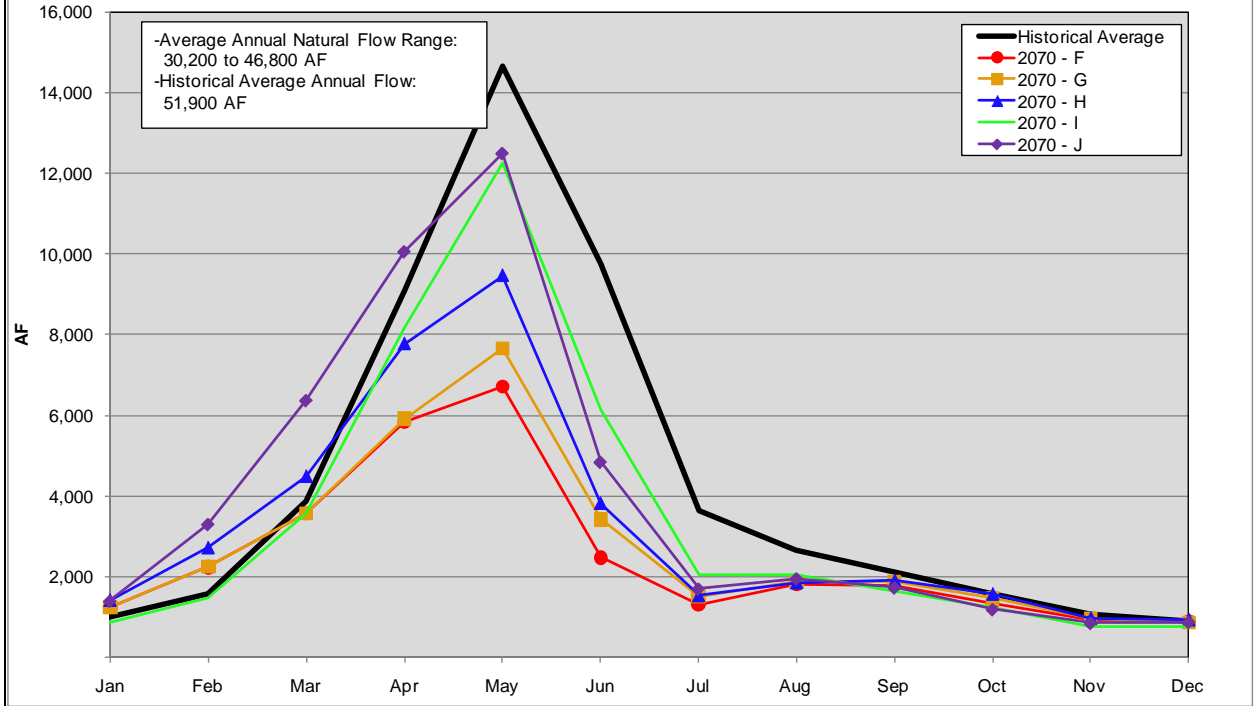
**Figure C110. La Plata River at Hesperus (09365500)
2070 Average Monthly Natural Flow**



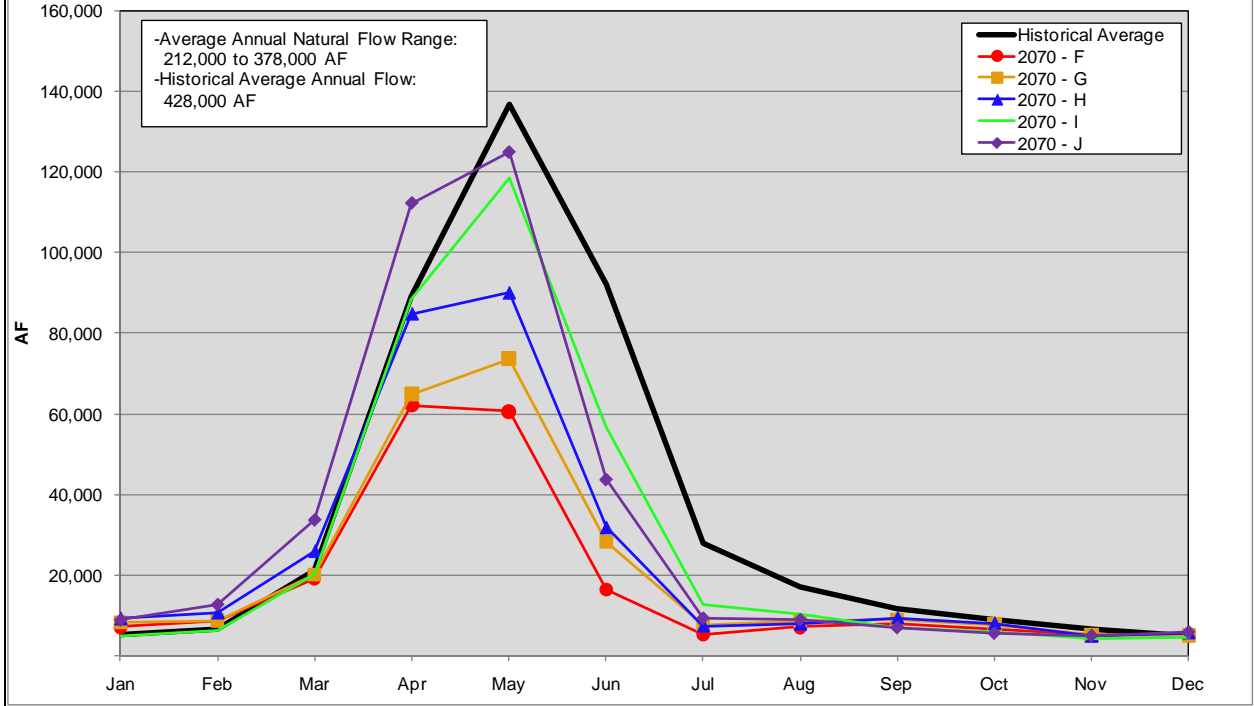
**Figure C111. La Plata River at the CO-NM Stateline (09366500)
2070 Average Monthly Natural Flow**



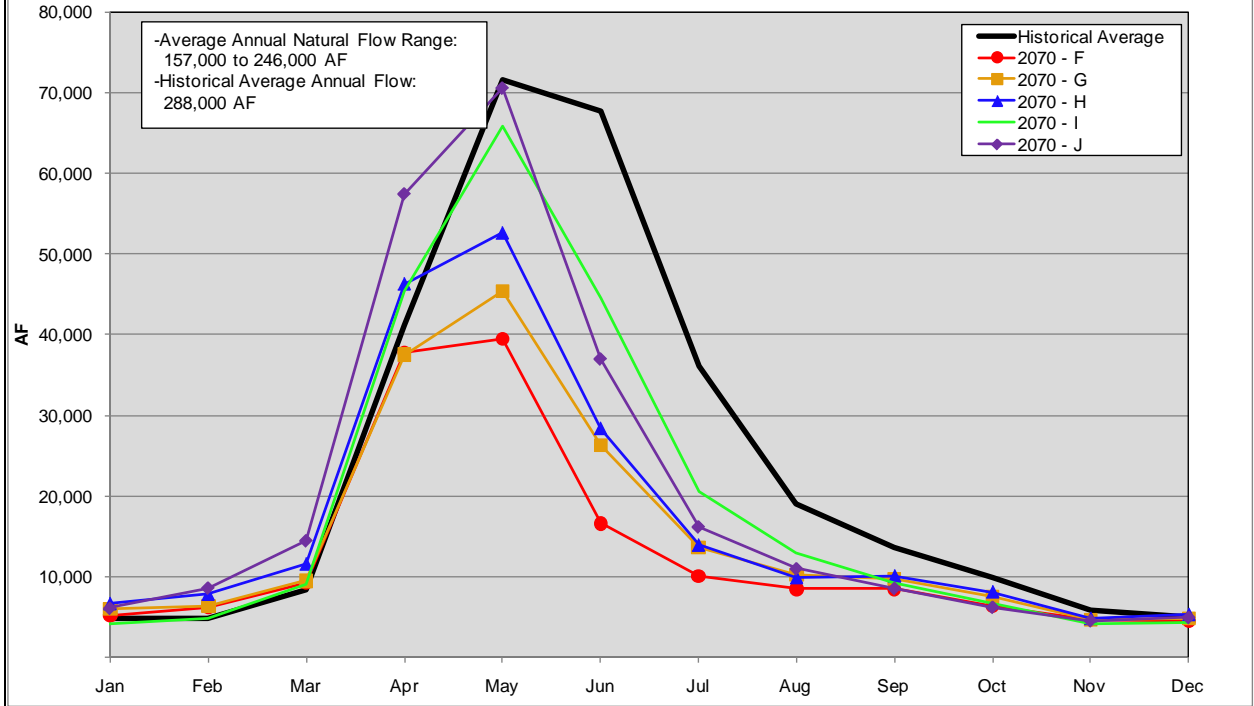
**Figure C112. Mancos River near Towaoc (09371000)
2070 Average Monthly Natural Flow**



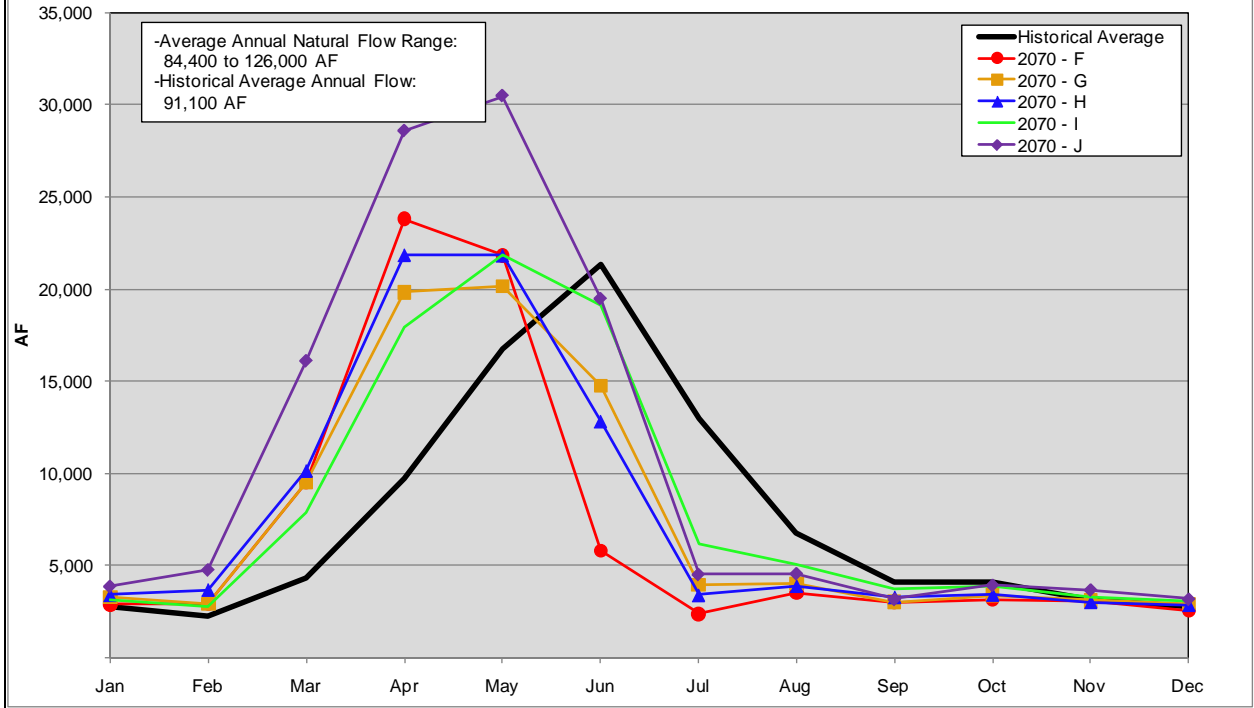
**Figure C113. Dolores River near Bedrock (09171100)
2070 Average Monthly Natural Flow**



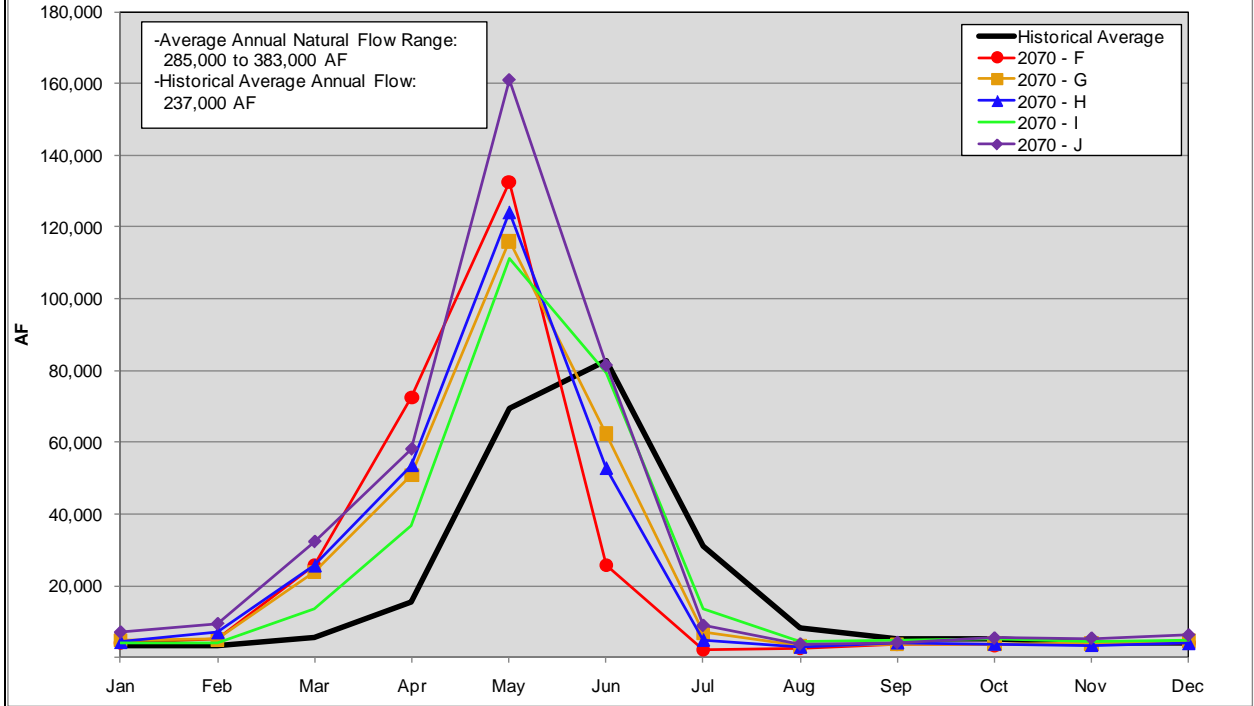
**Figure C114. San Miguel River at Naturita (09175500)
2070 Average Monthly Natural Flow**



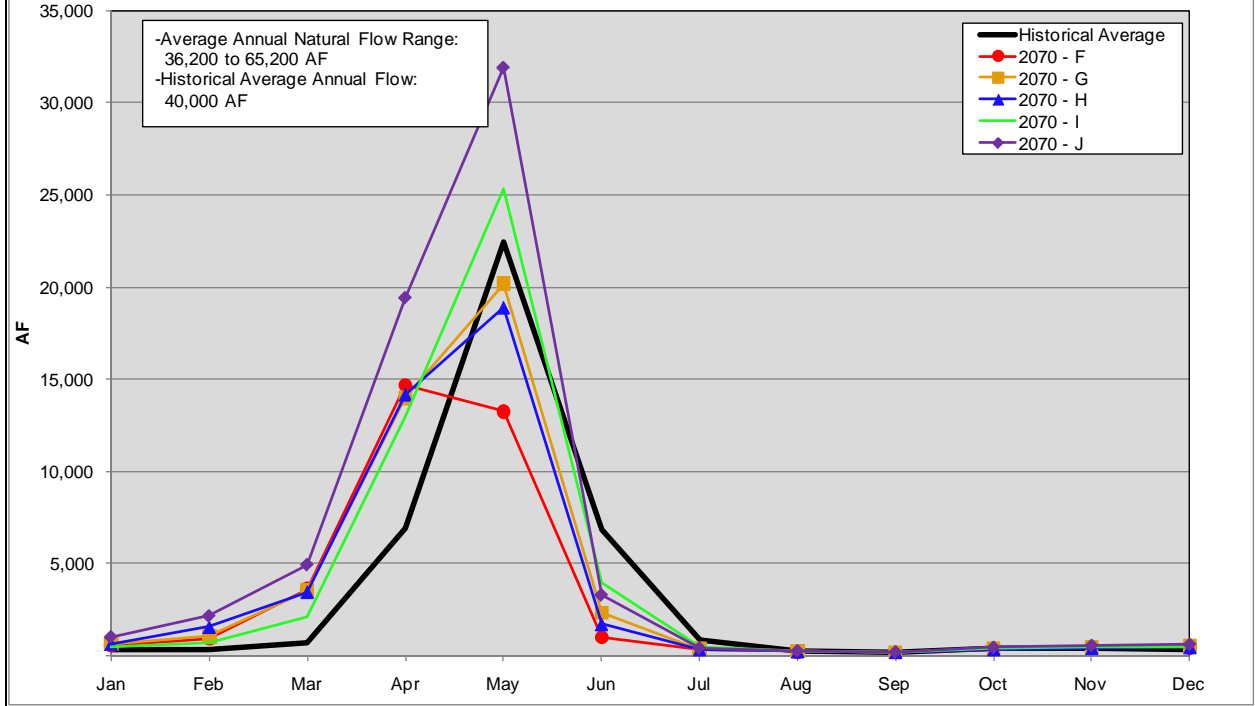
**Figure C115. Yampa River below Stagecoach Reservoir (09237500)
2070 Average Monthly Natural Flow**



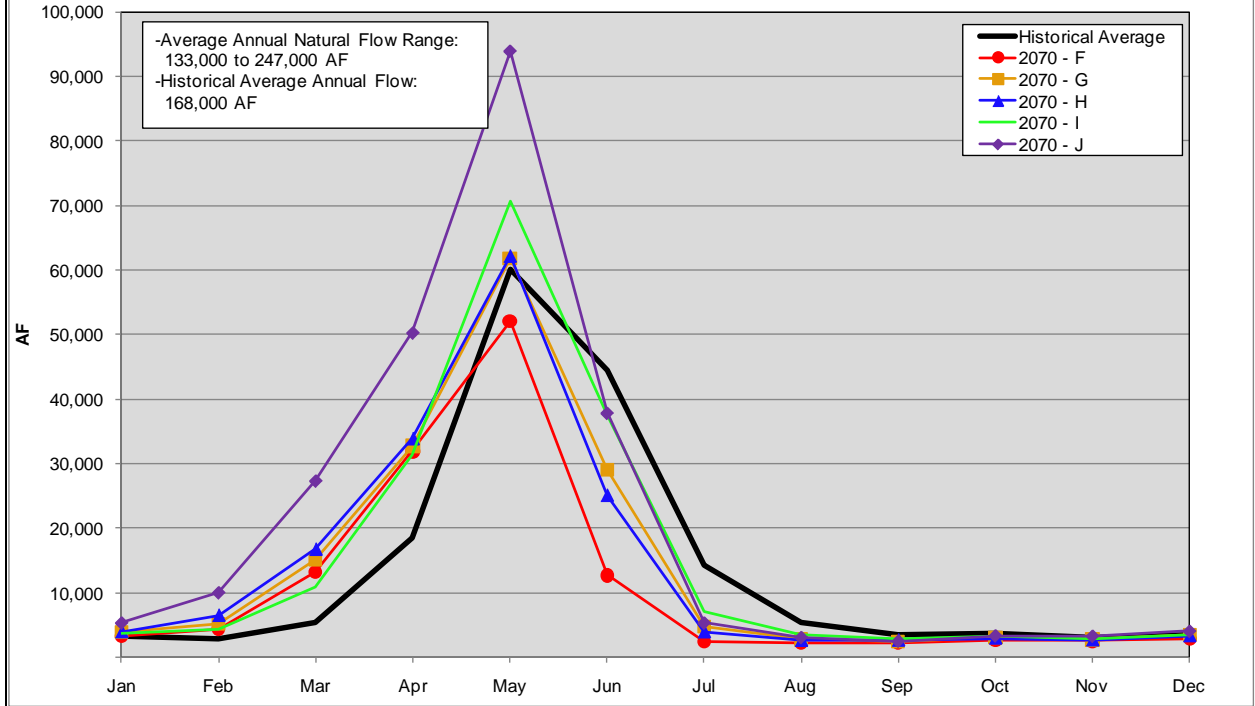
**Figure C116. Elk River at Clark (09241000)
2070 Average Monthly Natural Flow**



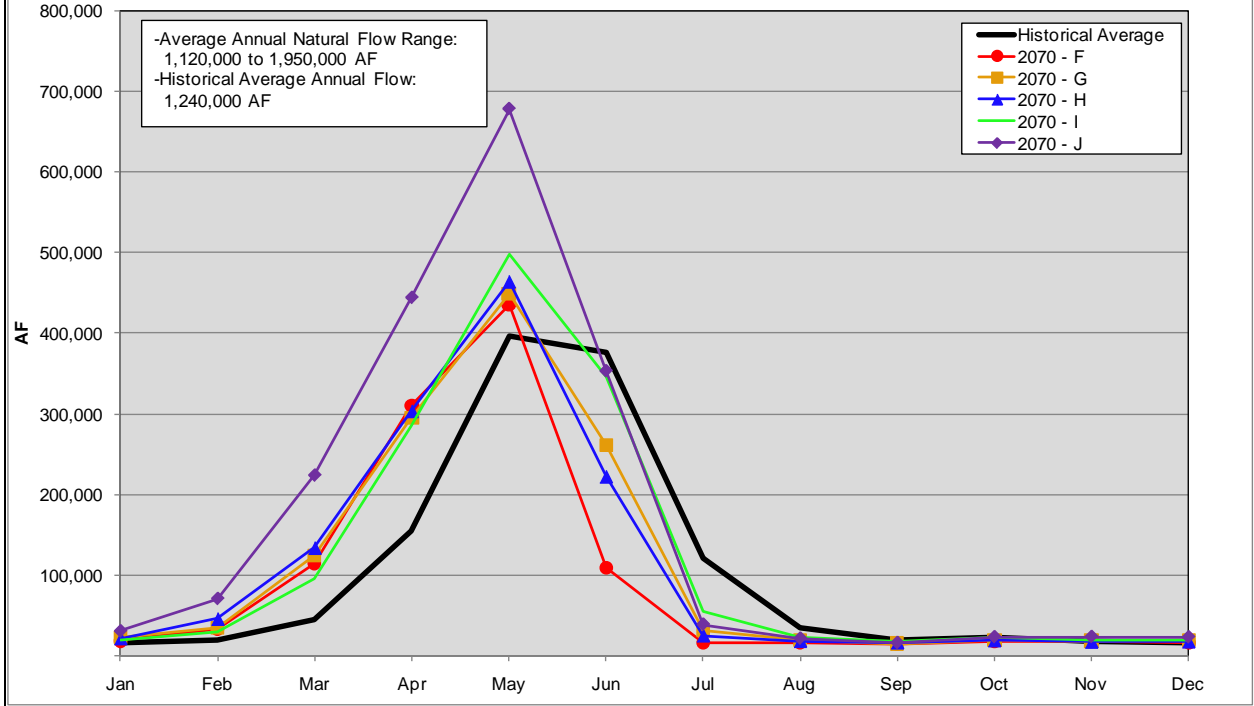
**Figure C117. Elkhead Creek near Elkhead (09245000)
2070 Average Monthly Natural Flow**



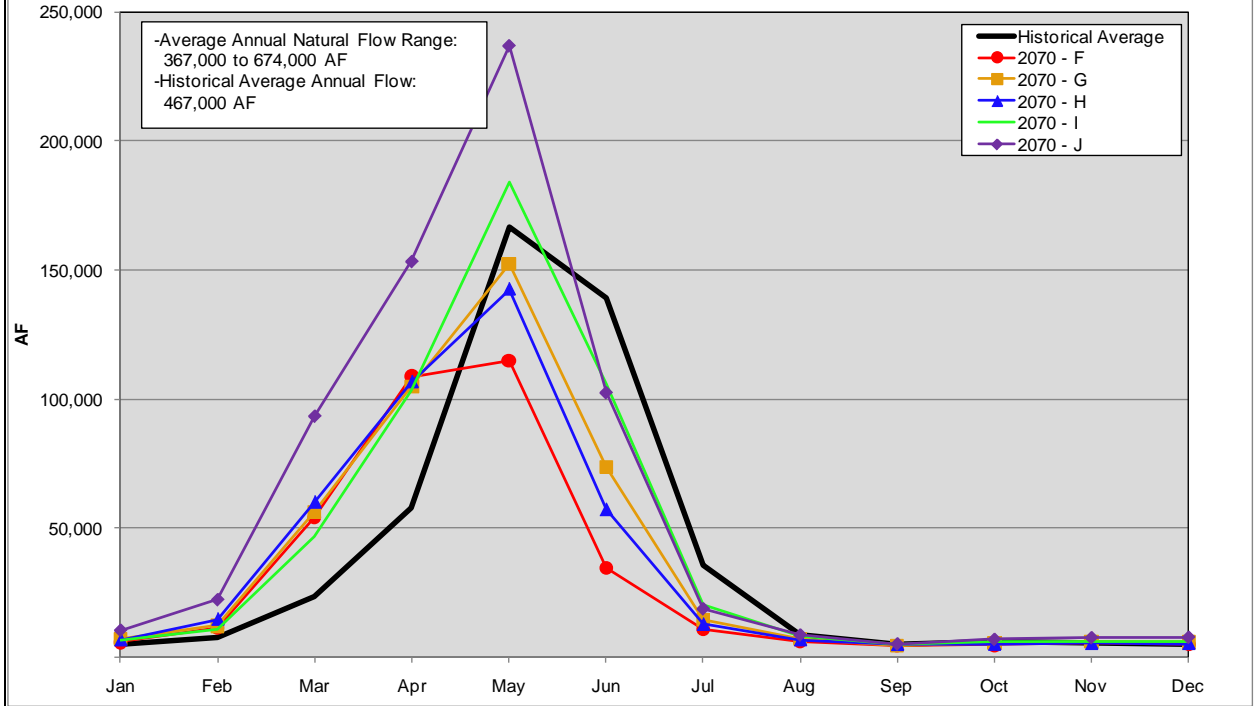
**Figure C118. Williams Fork at Mouth, near Hamilton (09249750)
2070 Average Monthly Natural Flow**



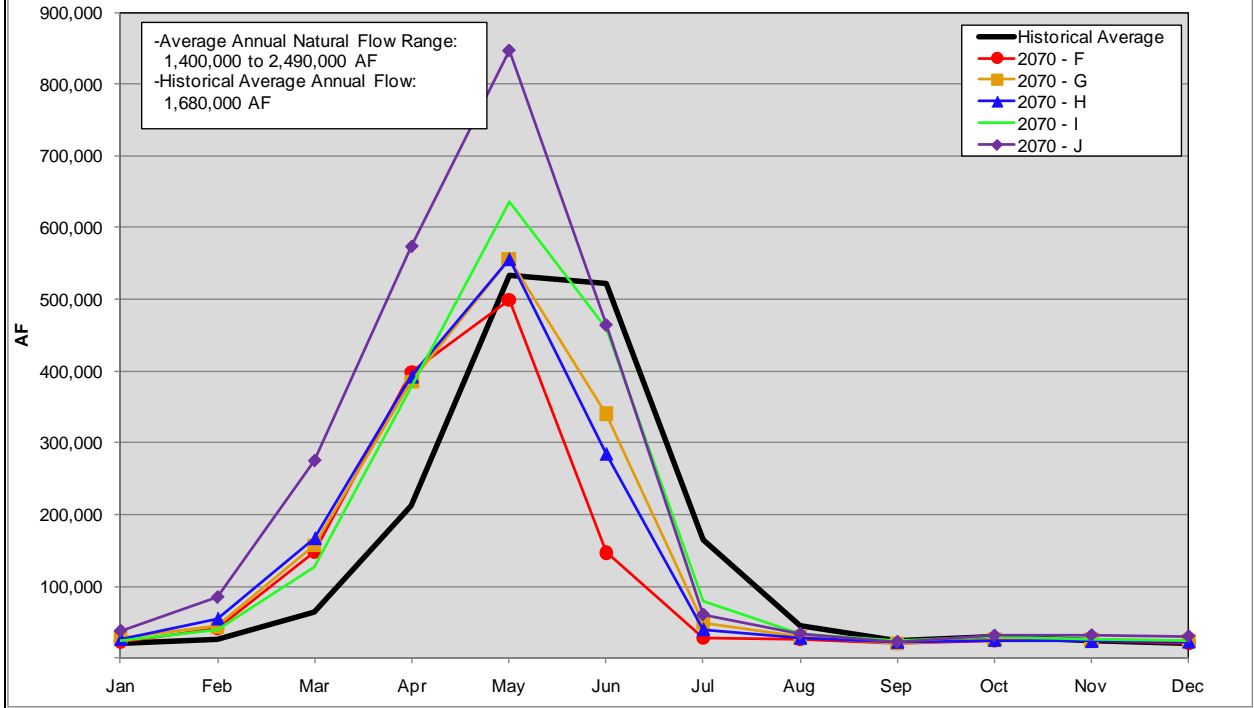
**Figure C119. Yampa River near Maybell (09251000)
2070 Average Monthly Natural Flow**



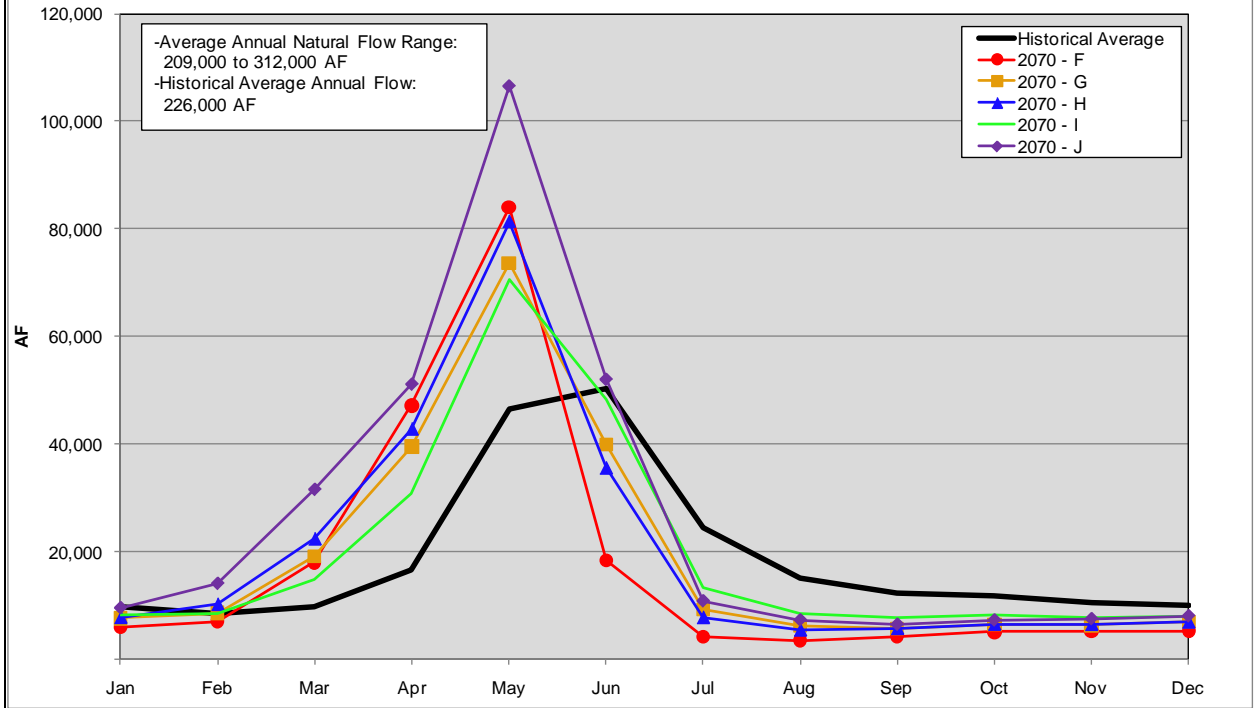
**Figure C120. Little Snake River near Lily (09260000)
2070 Average Monthly Natural Flow**



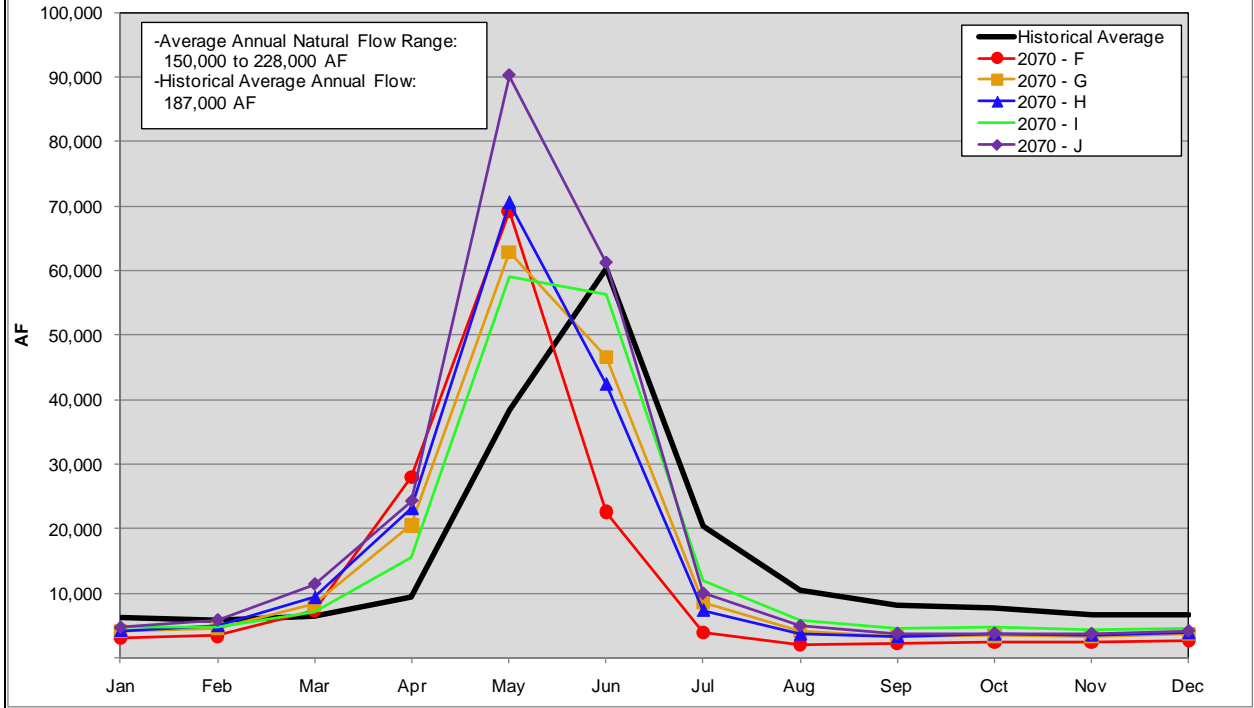
**Figure C121. Yampa River at Deerlodge Park (09260050)
2070 Average Monthly Natural Flow**



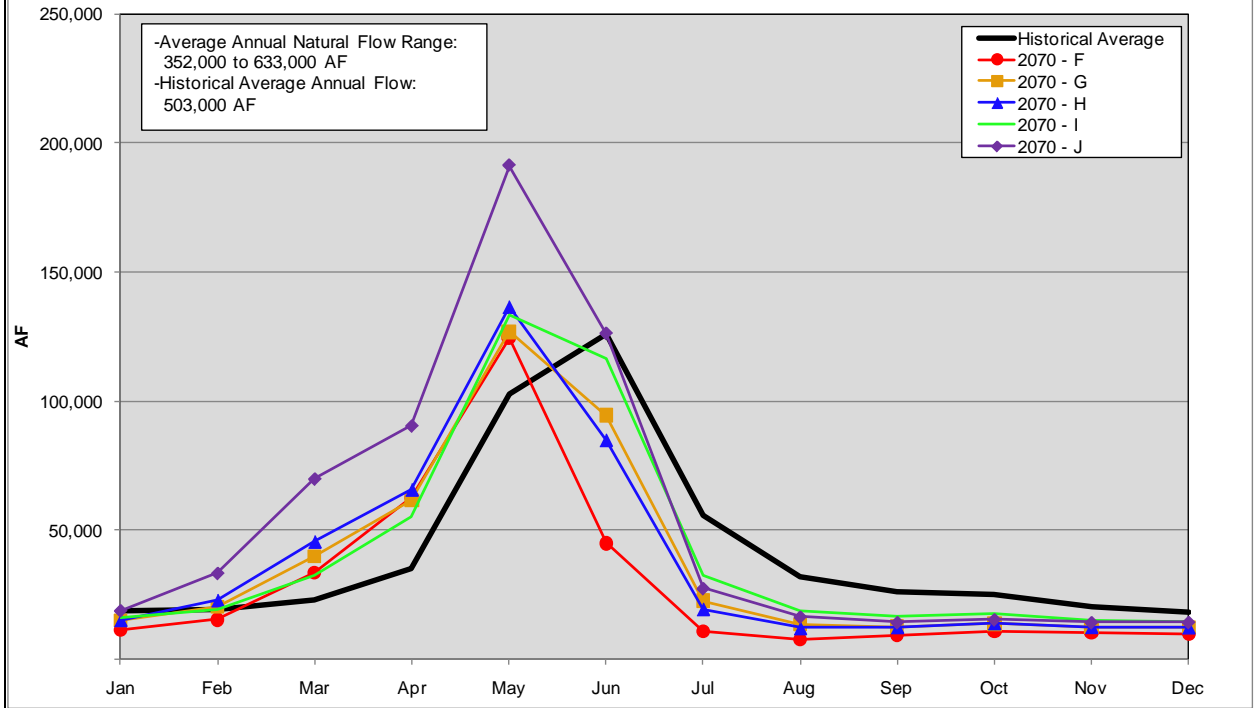
**Figure C122. North Fork White River at Buford (09303000)
2070 Average Monthly Natural Flow**



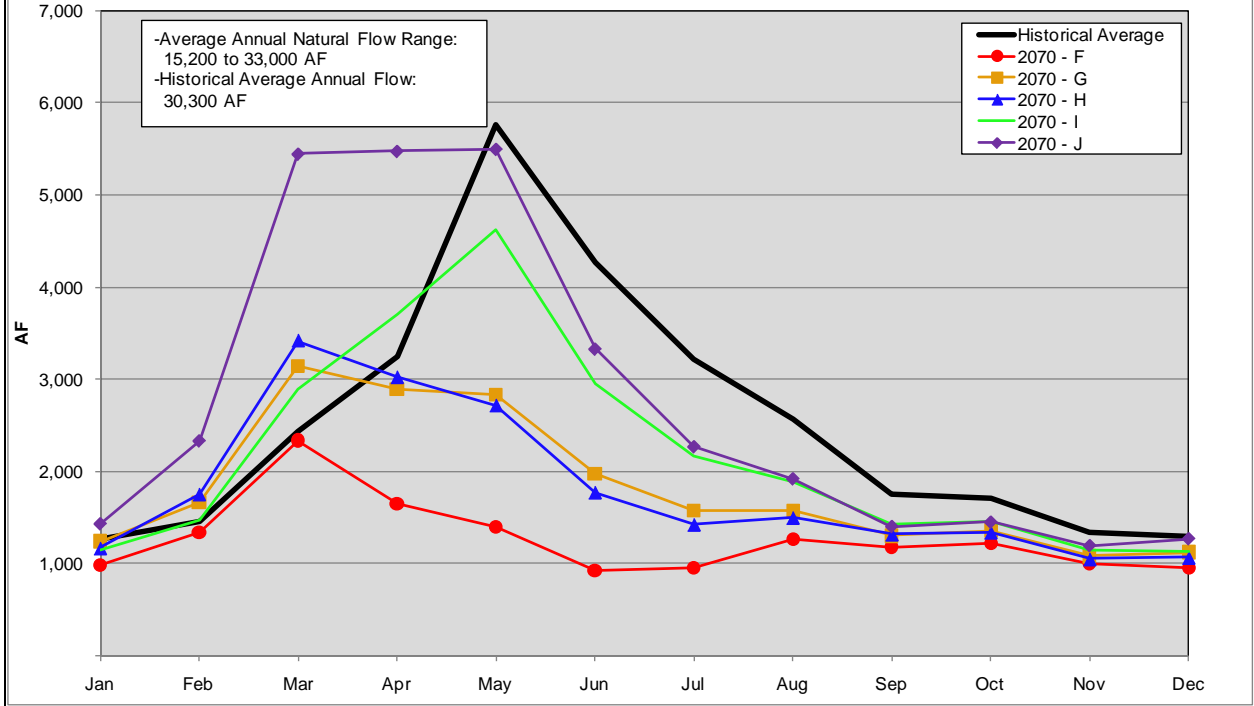
**Figure C123. South Fork White River at Buford (09304000)
2070 Average Monthly Natural Flow**



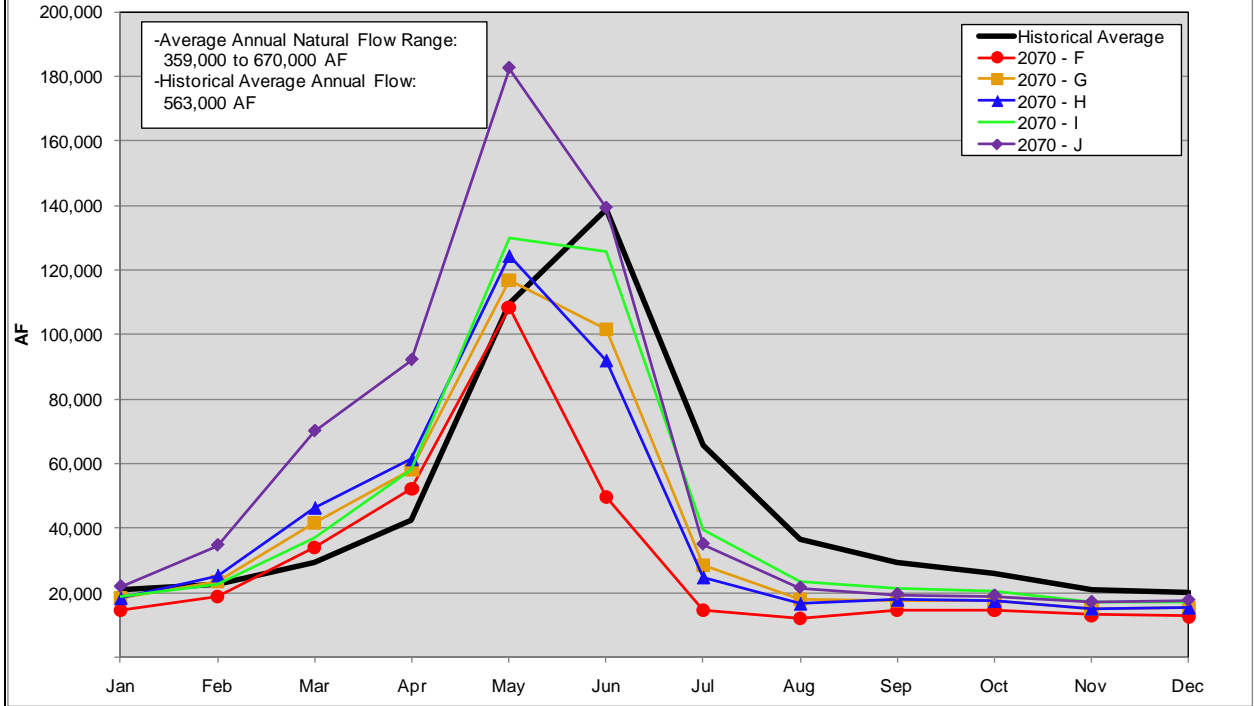
**Figure C124. White River below Meeker (09304800)
2070 Average Monthly Natural Flow**



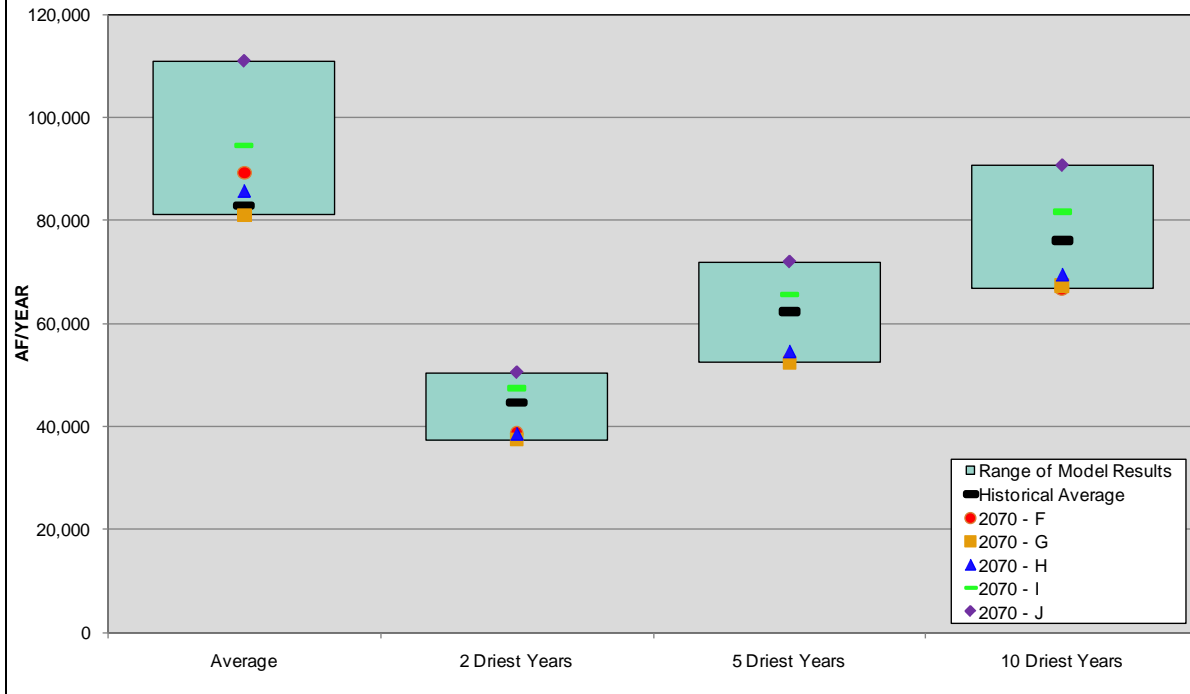
**Figure C125. Piceance Creek at White River (09306222)
2070 Average Monthly Natural Flow**



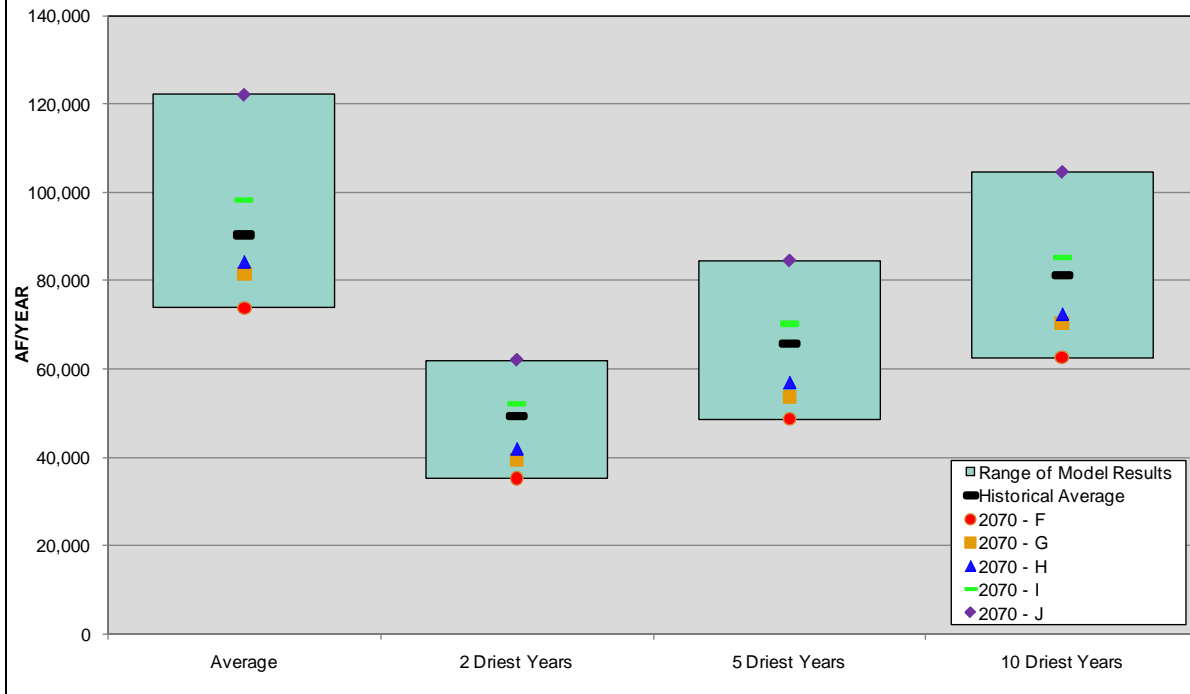
**Figure C126. White River near Colorado State Line, UT (09306395)
2070 Average Monthly Natural Flow**



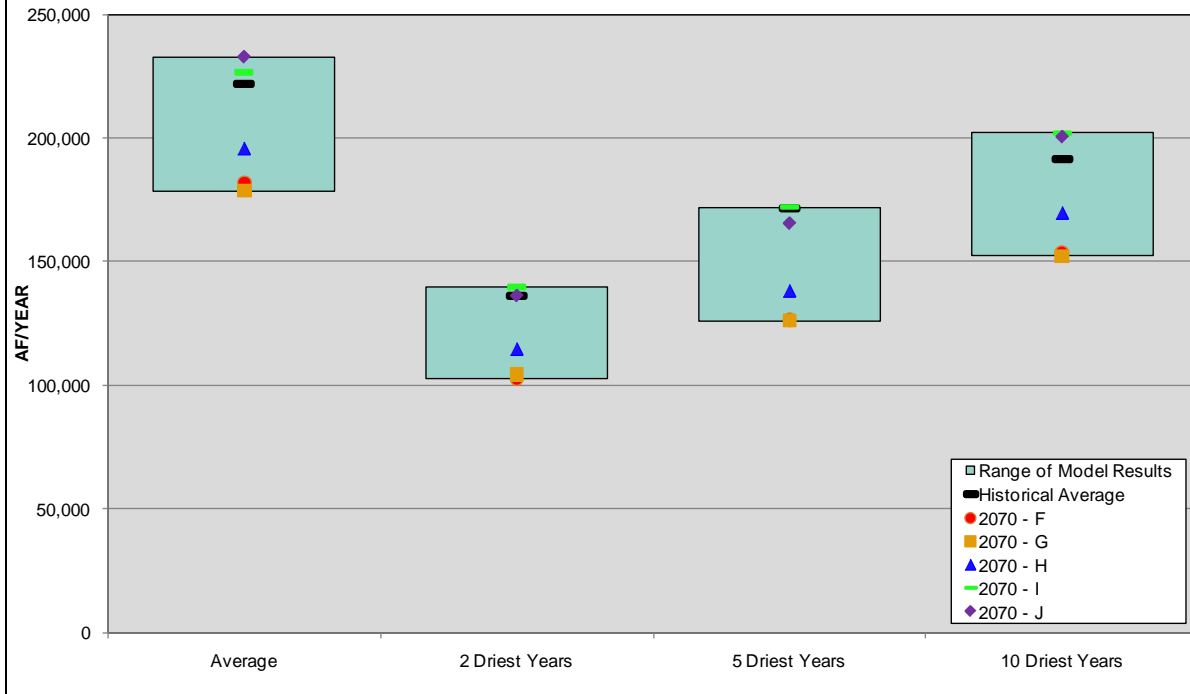
**Figure C127. Colorado River near Grand Lake (09011000)
2070 Natural Flow**



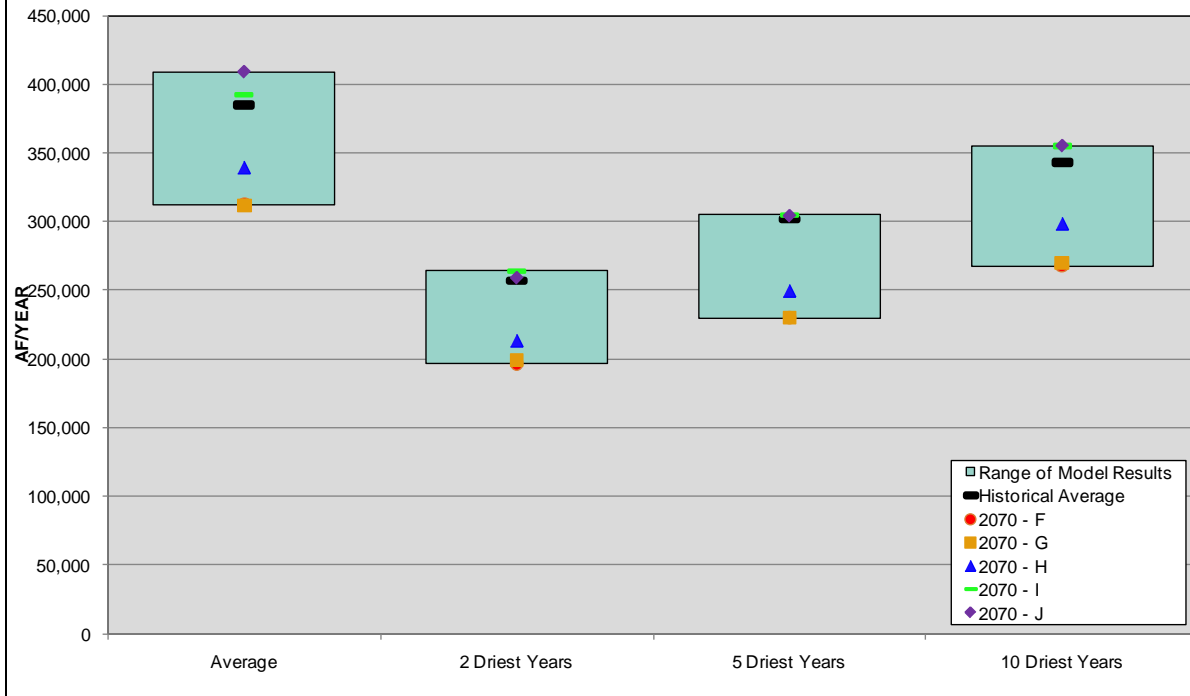
**Figure C128. Muddy Creek at Kremmling (09041500)
2070 Natural Flow**



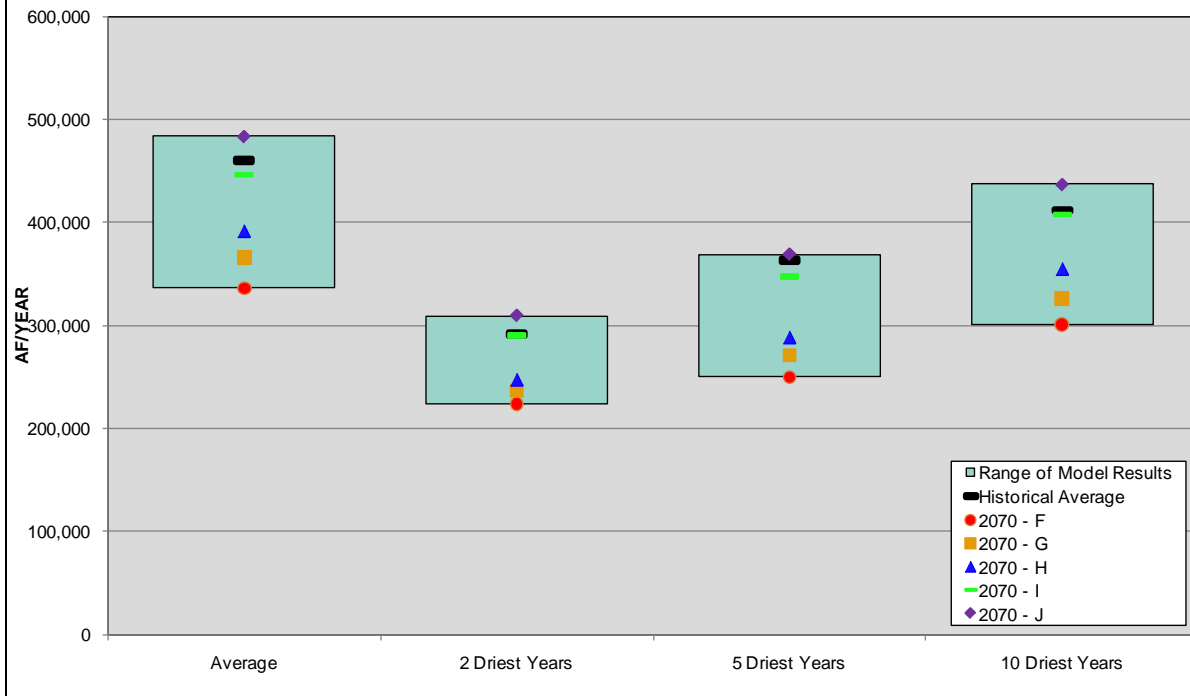
**Figure C129. Blue River below Dillon Reservoir (09050700)
2070 Natural Flow**



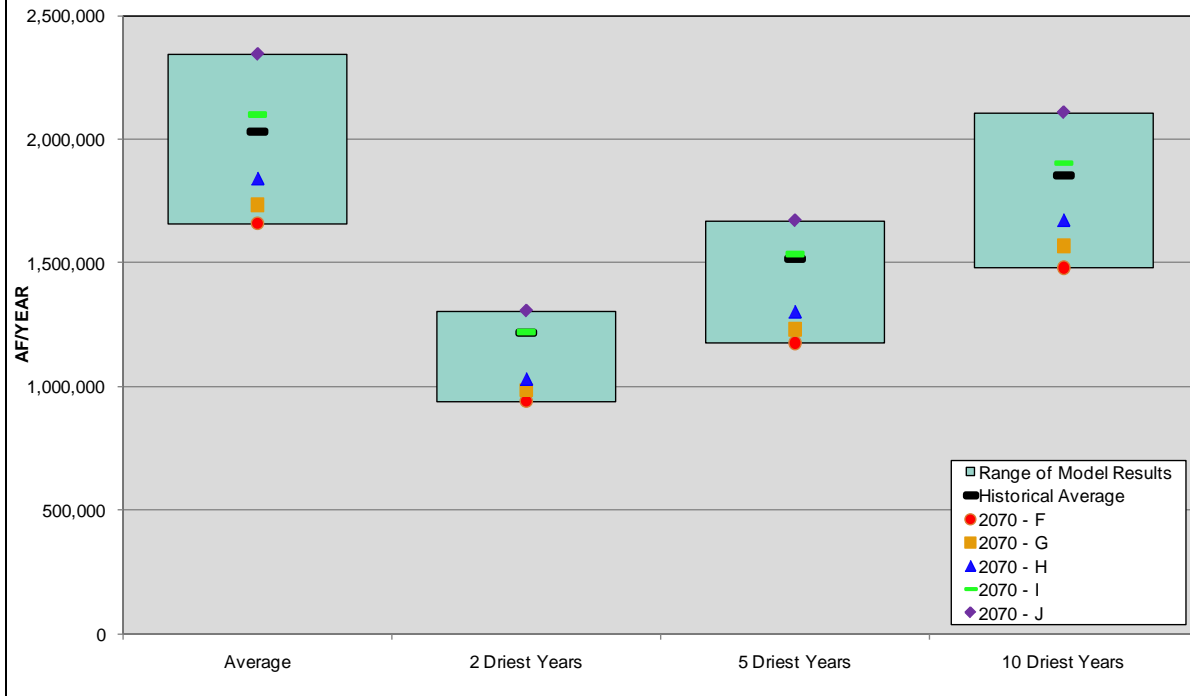
**Figure C130. Blue River below Green Mountain Reservoir (09057500)
2070 Natural Flow**



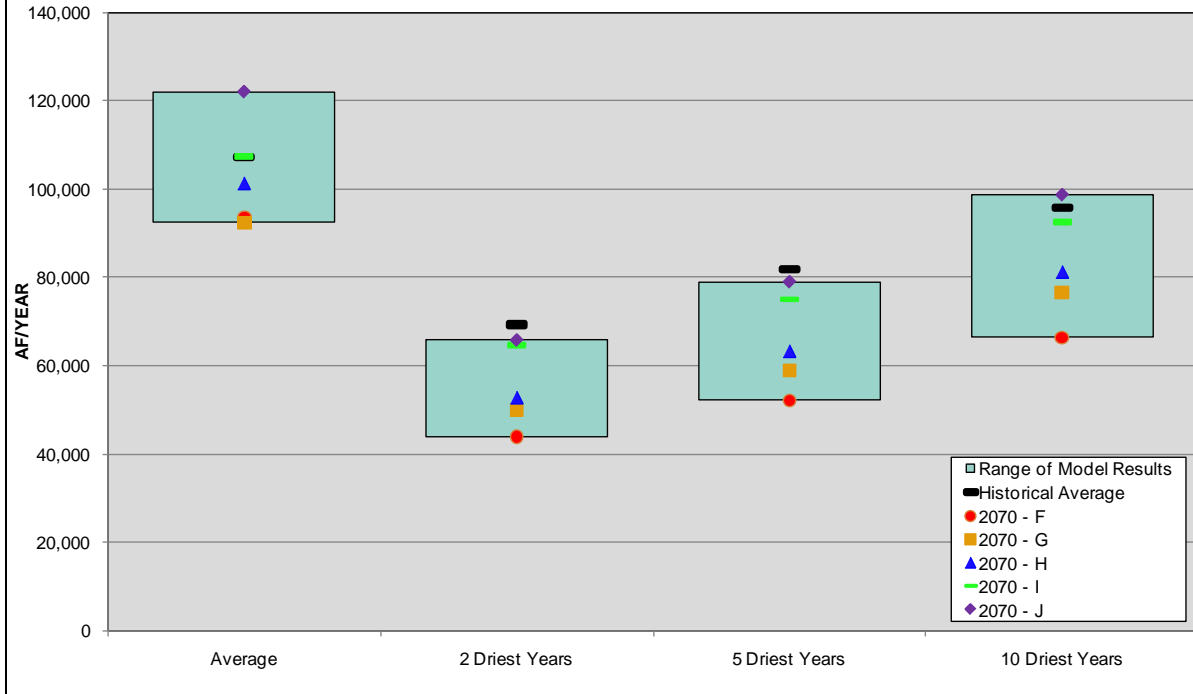
**Figure C131. Eagle River below Gypsum (09070000)
2070 Natural Flow**



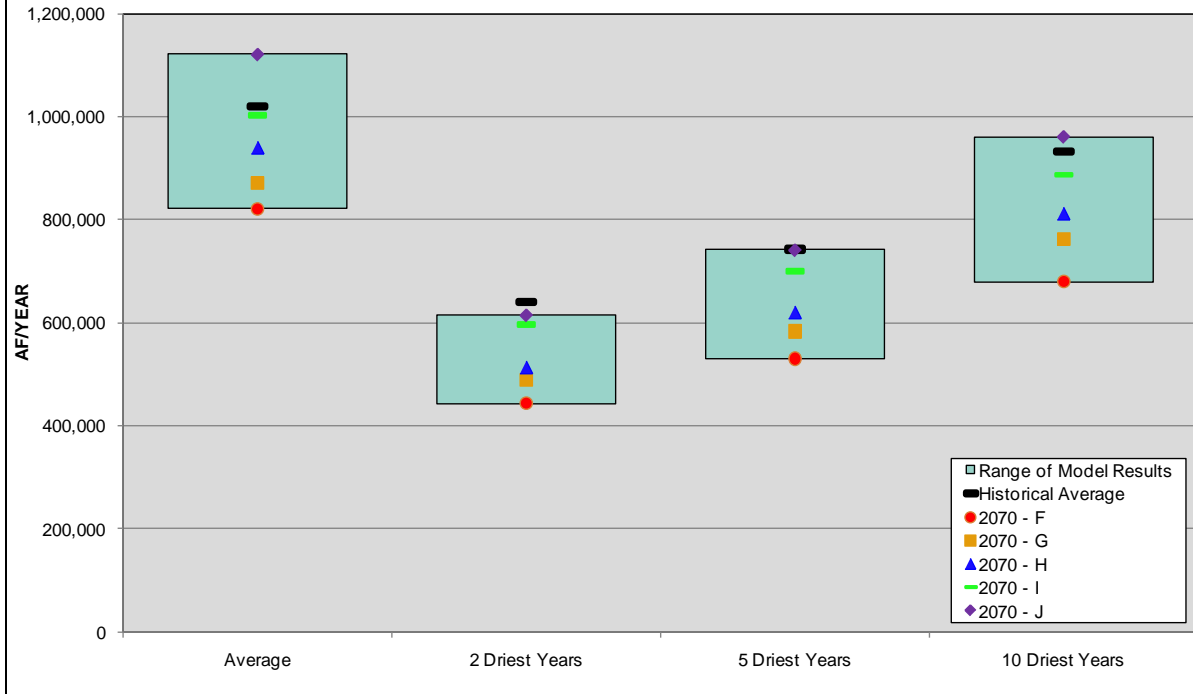
**Figure C132. Colorado River near Dotsero (09070500)
2070 Natural Flow**



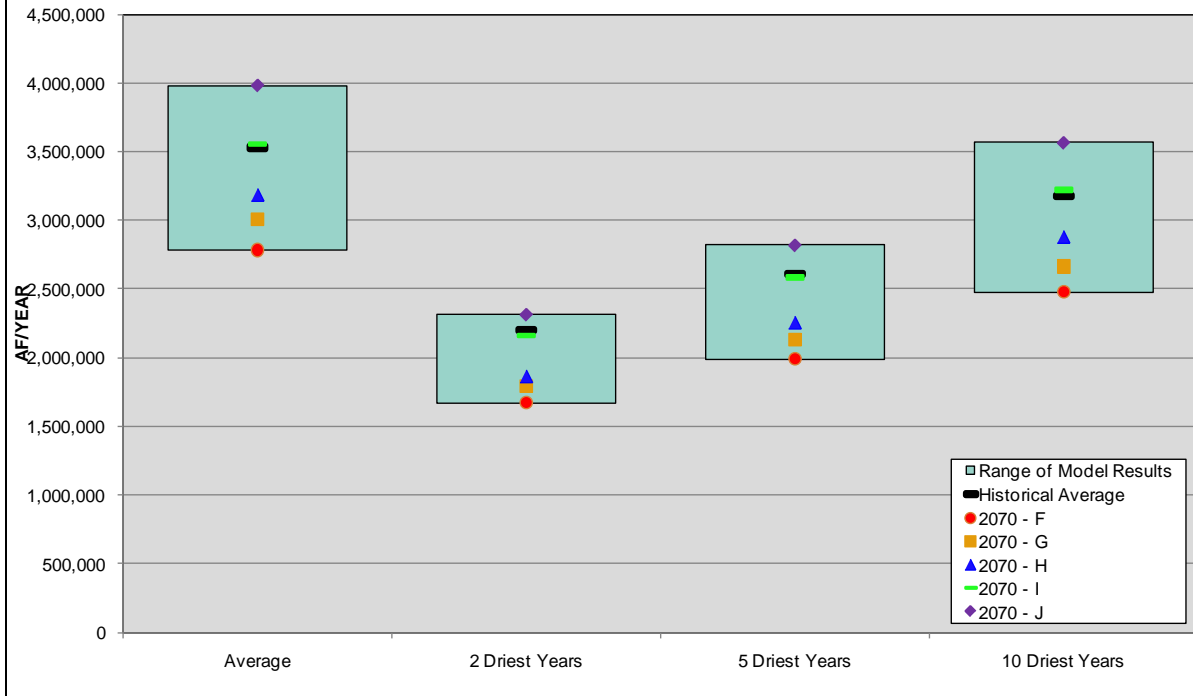
**Figure C133. Roaring Fork River near Aspen (09073400)
2070 Natural Flow**



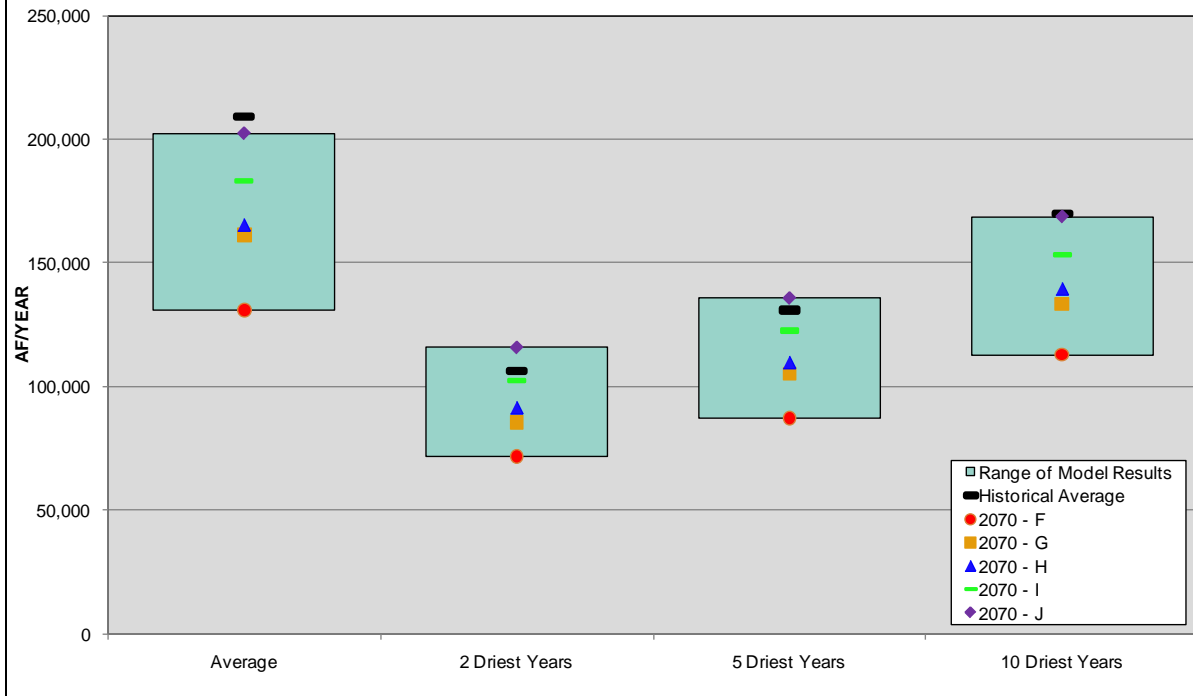
**Figure C134. Roaring Fork River at Glenwood Springs (09085000)
2070 Natural Flow**



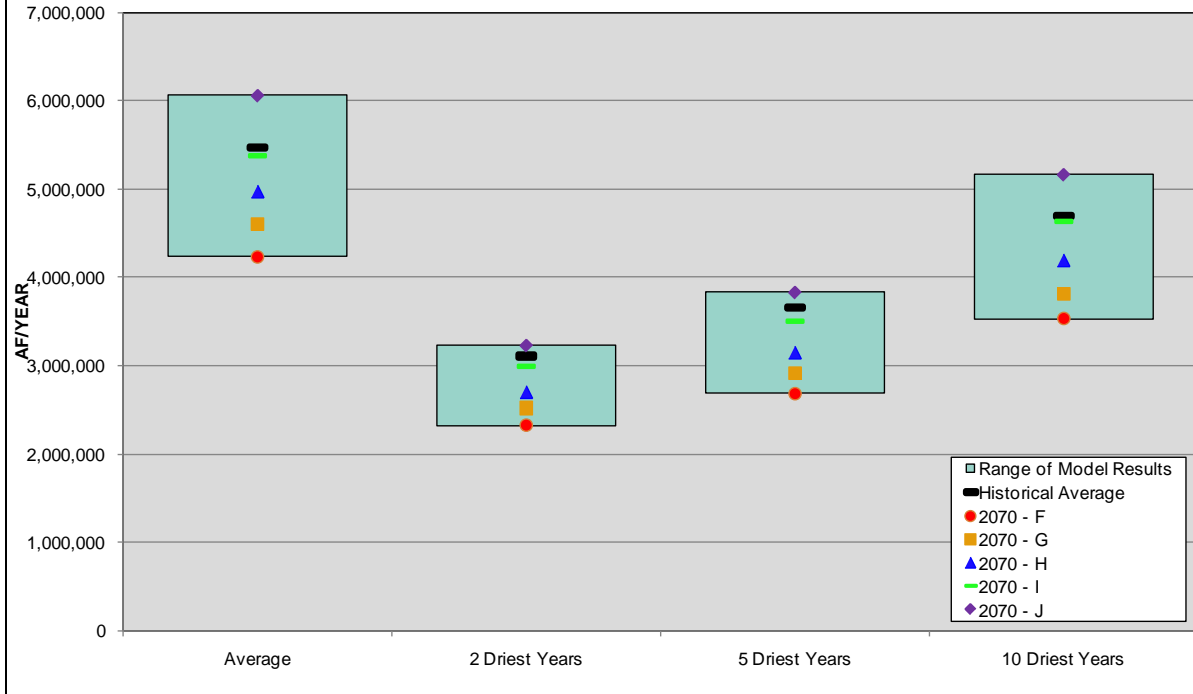
**Figure C135. Colorado River near Cameo (09095500)
2070 Natural Flow**



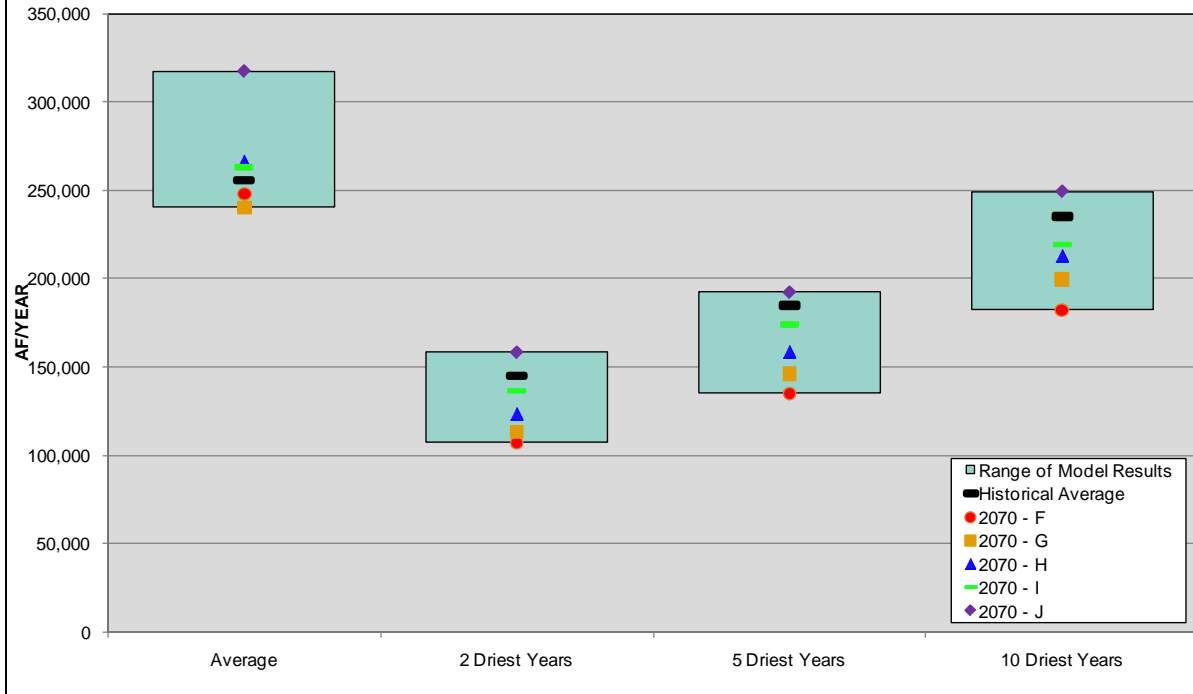
**Figure C136. Plateau Creek near Cameo (09105000)
2070 Natural Flow**



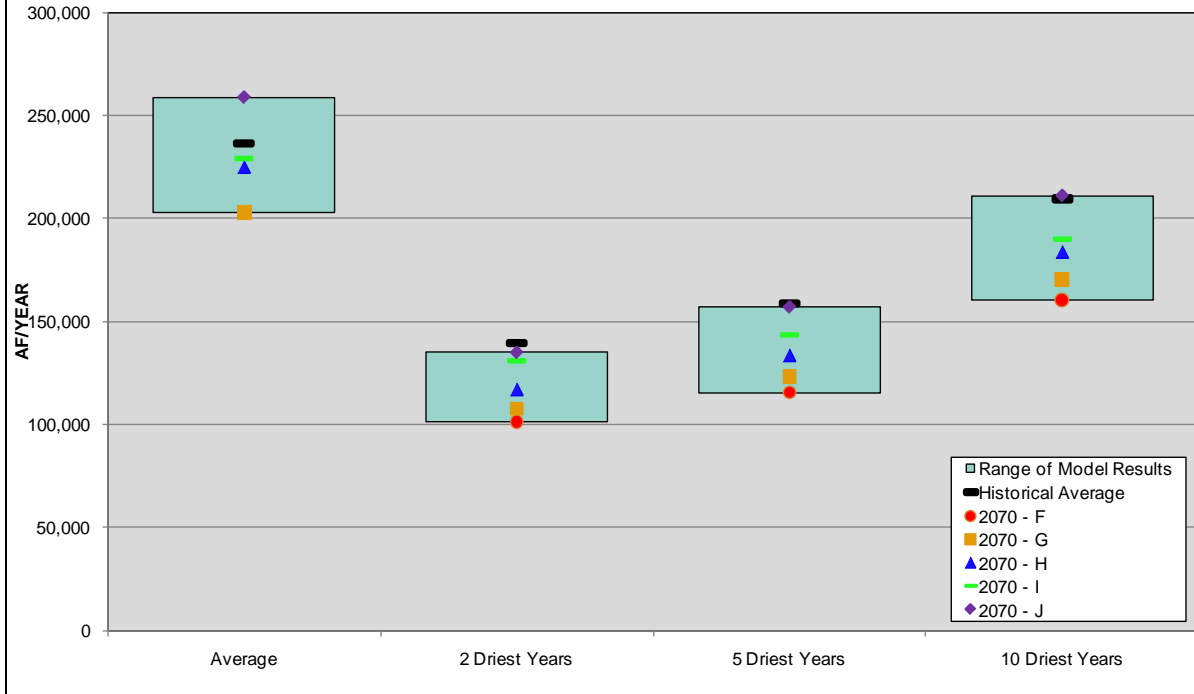
**Figure C137. Colorado River near Colorado-Utah State Line (09163500)
2070 Natural Flow**



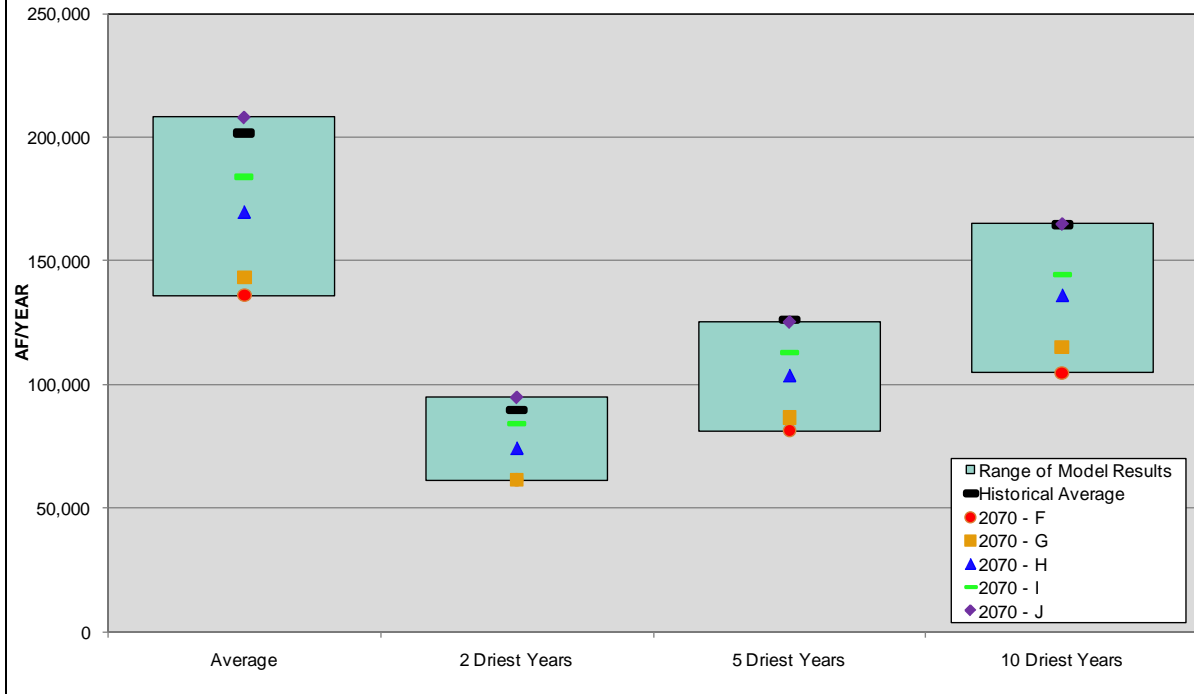
**Figure C138. East River at Almont (09112500)
2070 Natural Flow**



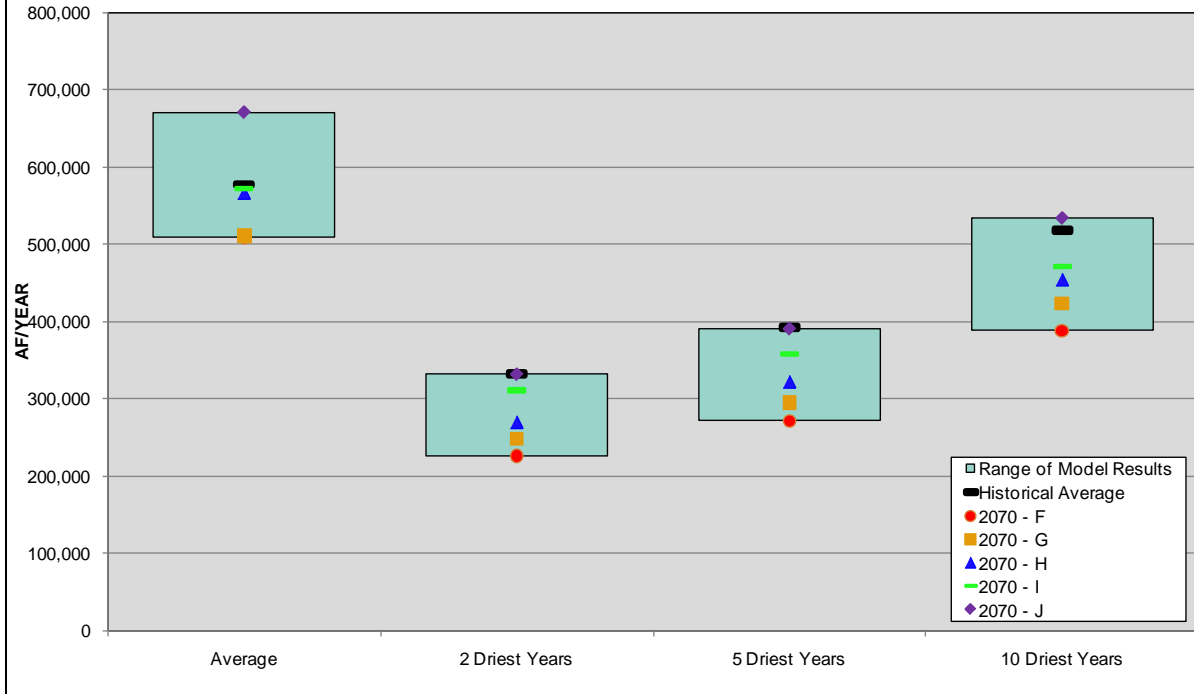
**Figure C139. Taylor River at Almont (09110000)
2070 Natural Flow**



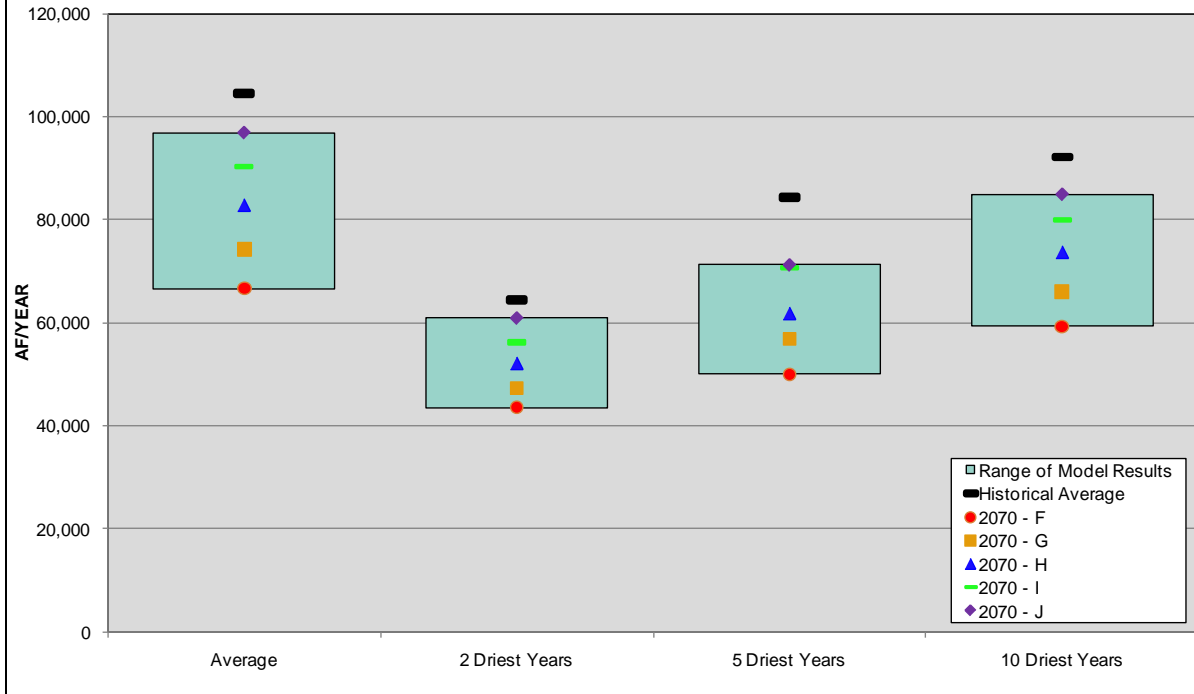
**Figure C140. Tomichi Creek at Gunnison (09119000)
2070 Natural Flow**



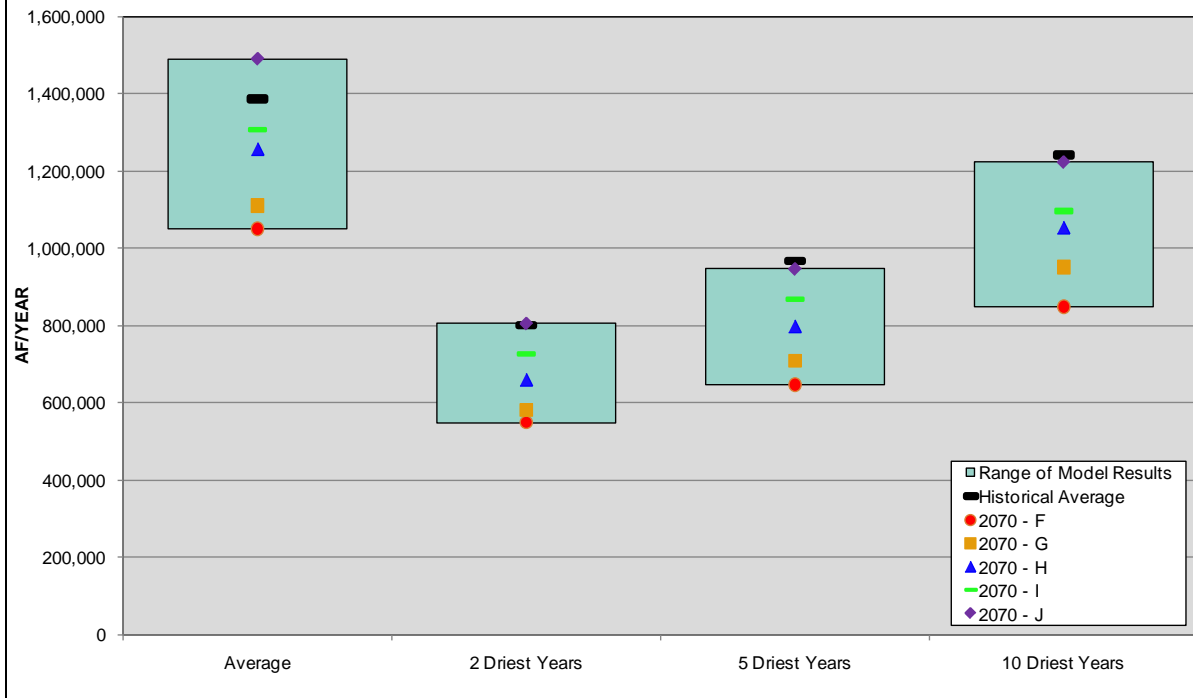
**Figure C141. Gunnison River near Gunnison (09114500)
2070 Natural Flow**



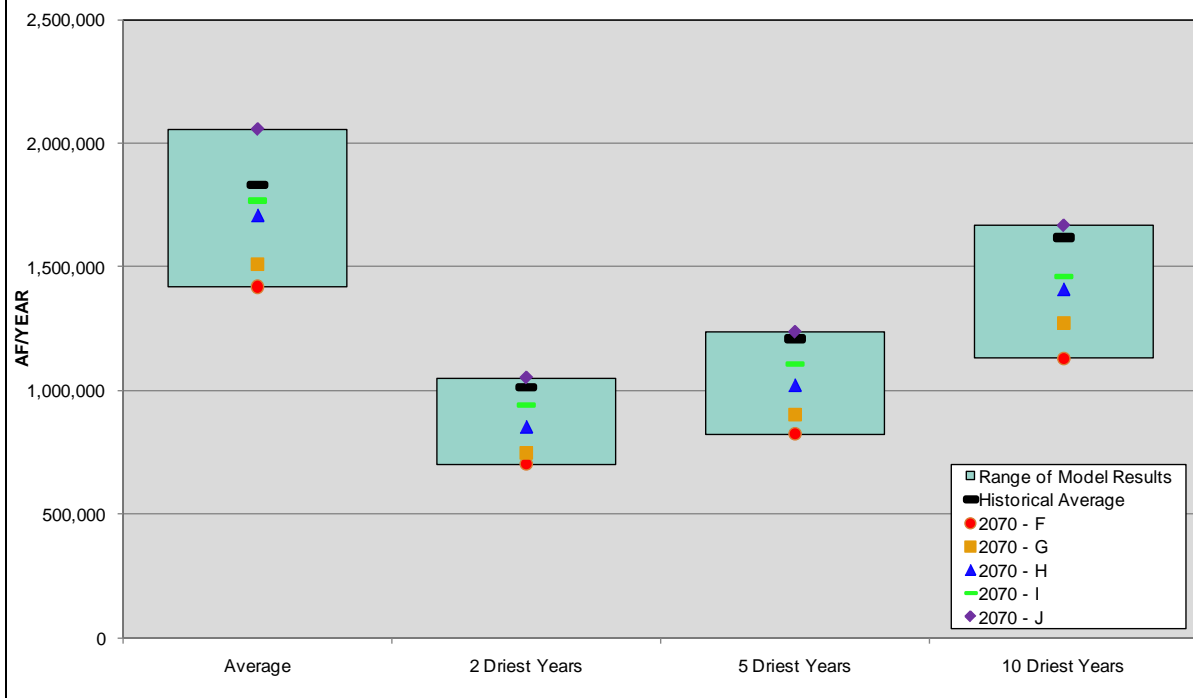
**Figure C142. Cimarron River at Cimarron (09126500)
2070 Natural Flow**



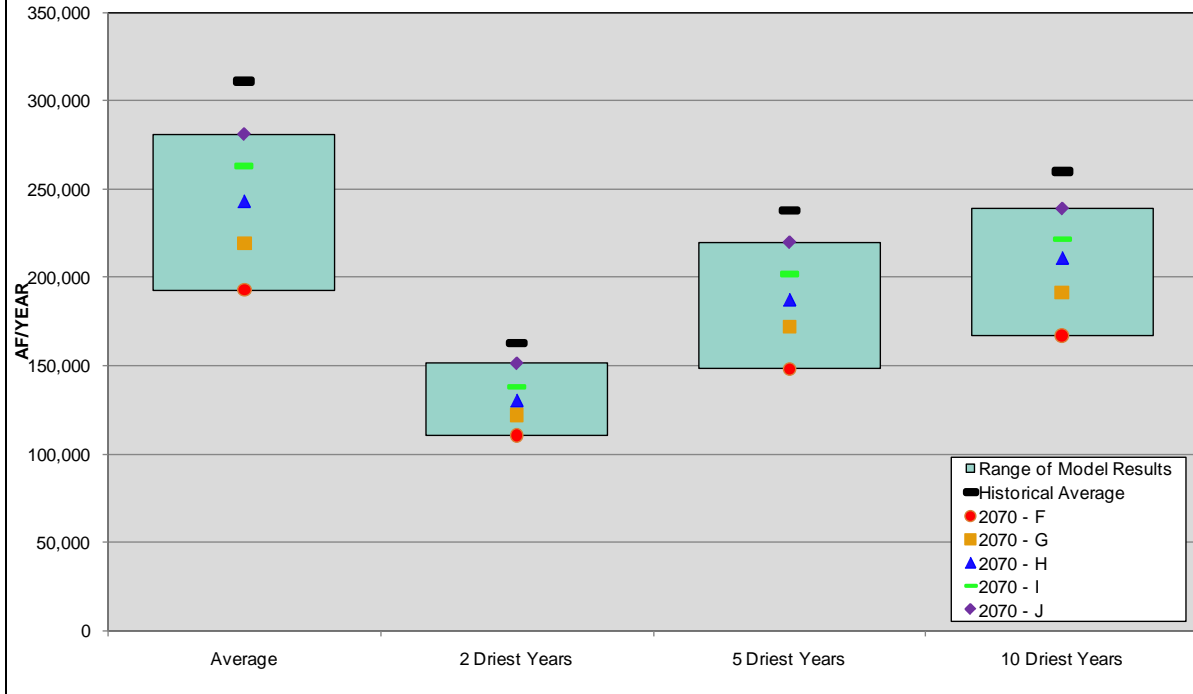
**Figure C143. Gunnison River below Gunnison Tunnel (09128000)
2070 Natural Flow**



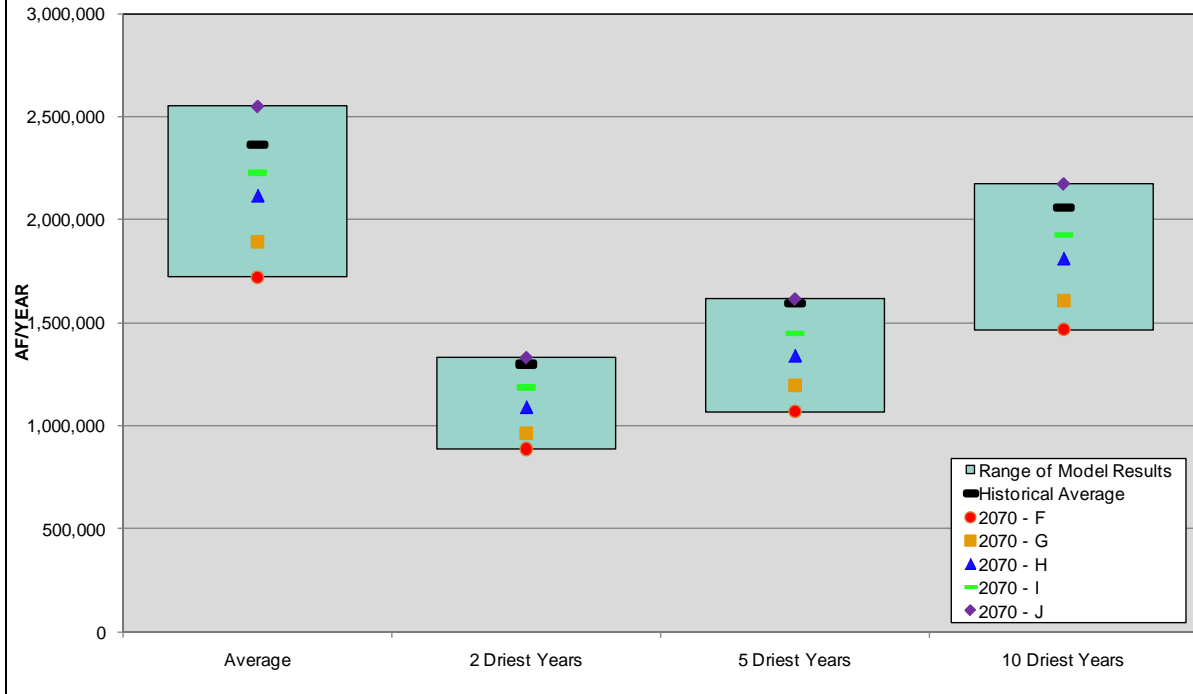
**Figure C144. Gunnison River near Lazear (09136200)
2070 Natural Flow**



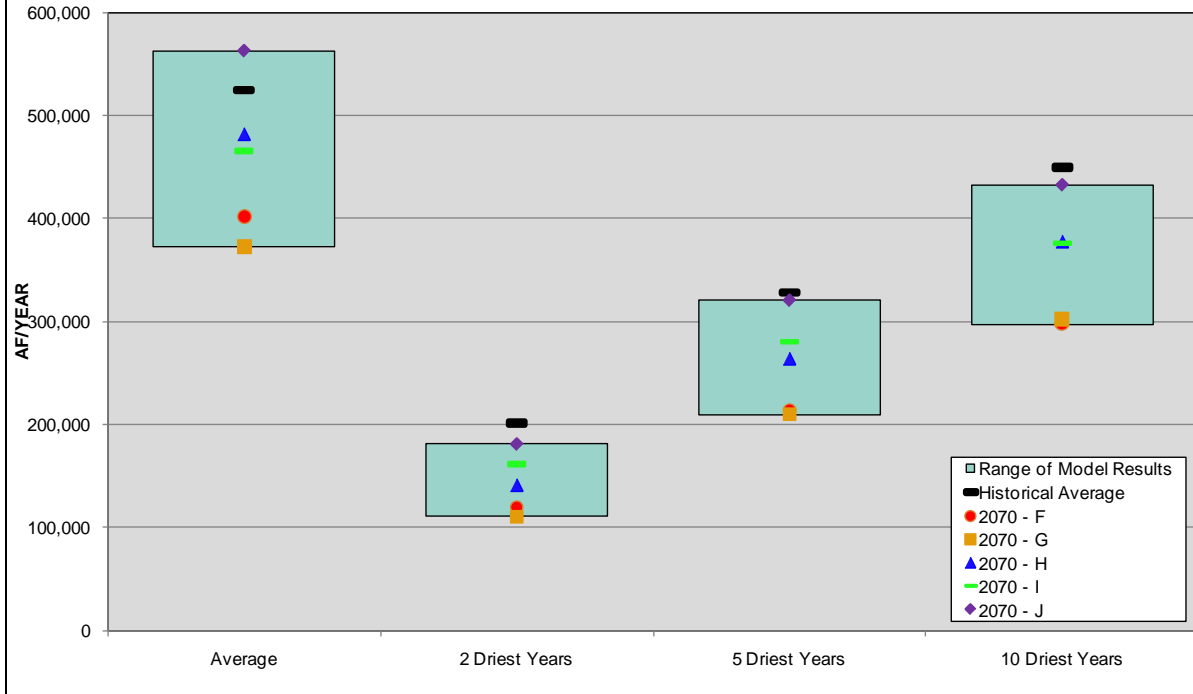
**Figure C145. Uncompahgre River at Delta (09149500)
2070 Natural Flow**



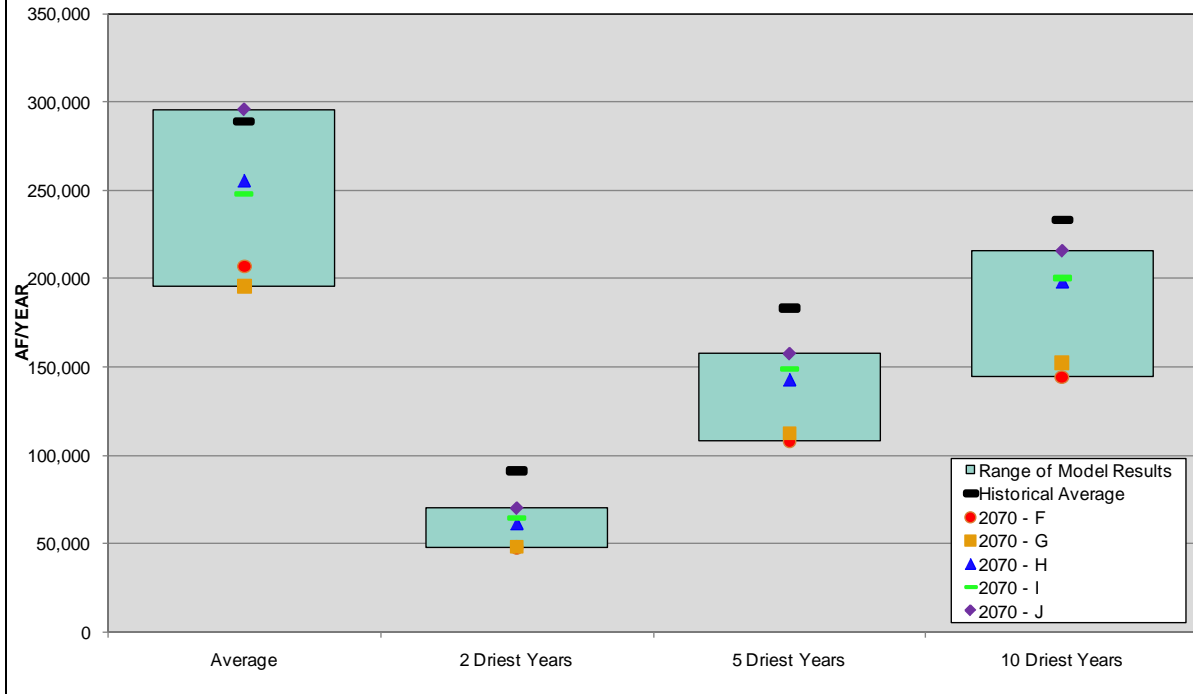
**Figure C146. Gunnison River near Grand Junction (09152500)
2070 Natural Flow**



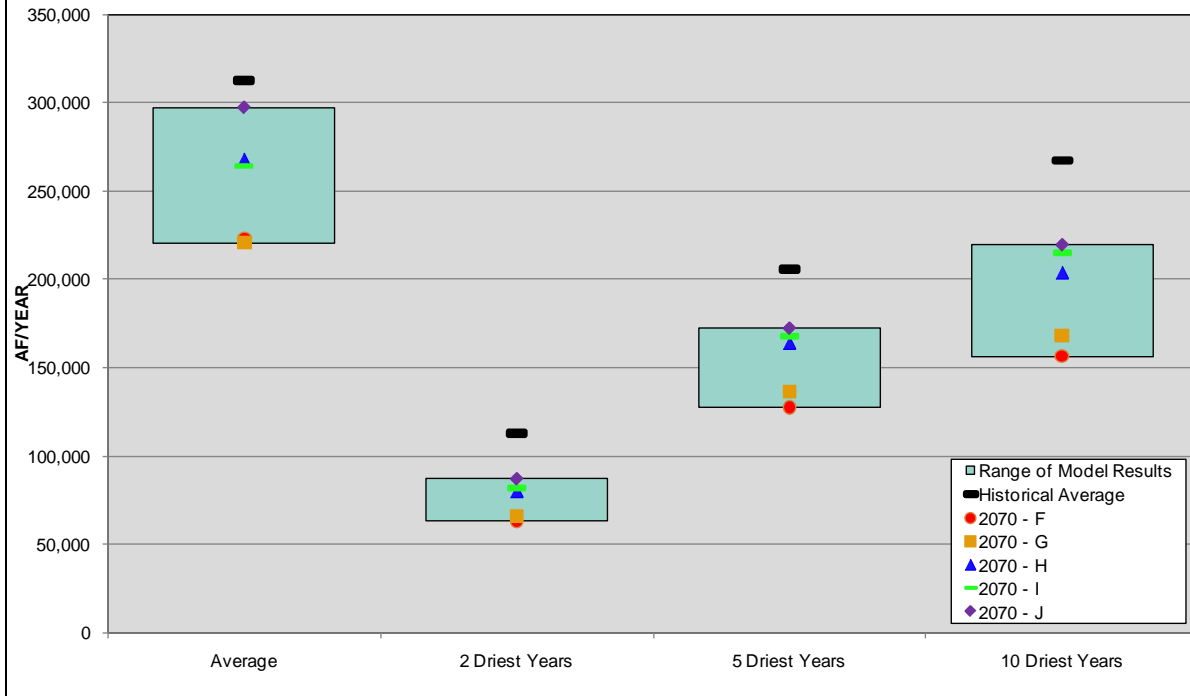
**Figure C147. San Juan River near Carracas (09346400)
2070 Natural Flow**



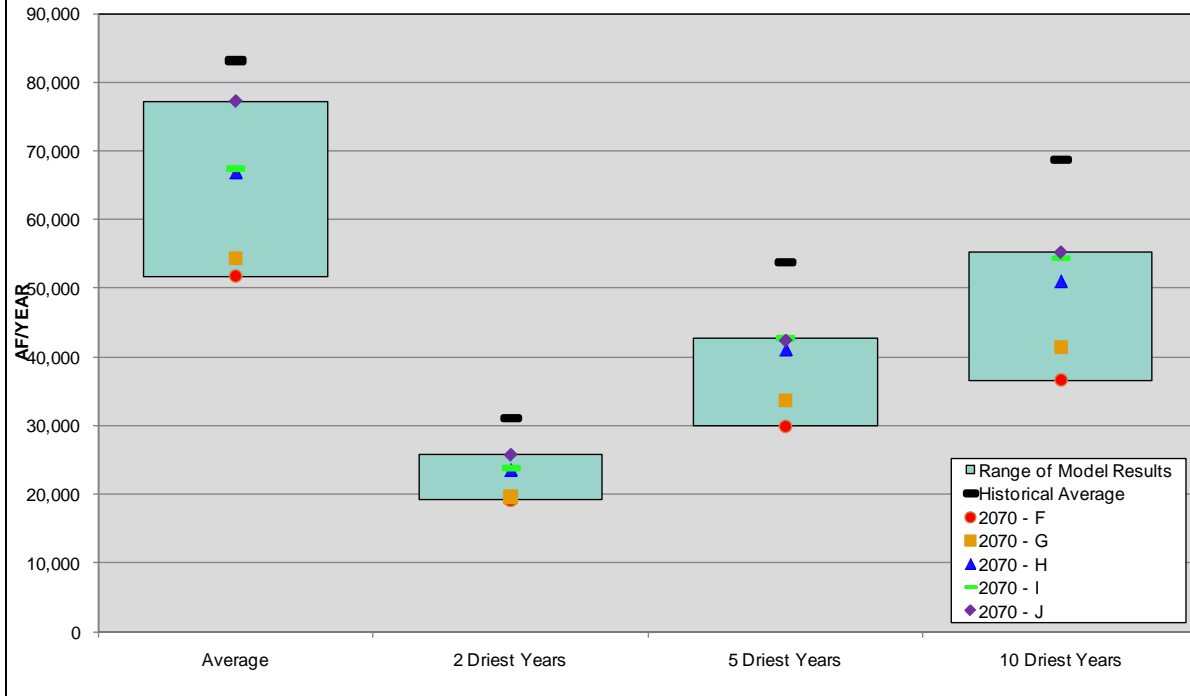
**Figure C148. Piedra River near Arboles (09349800)
2070 Natural Flow**



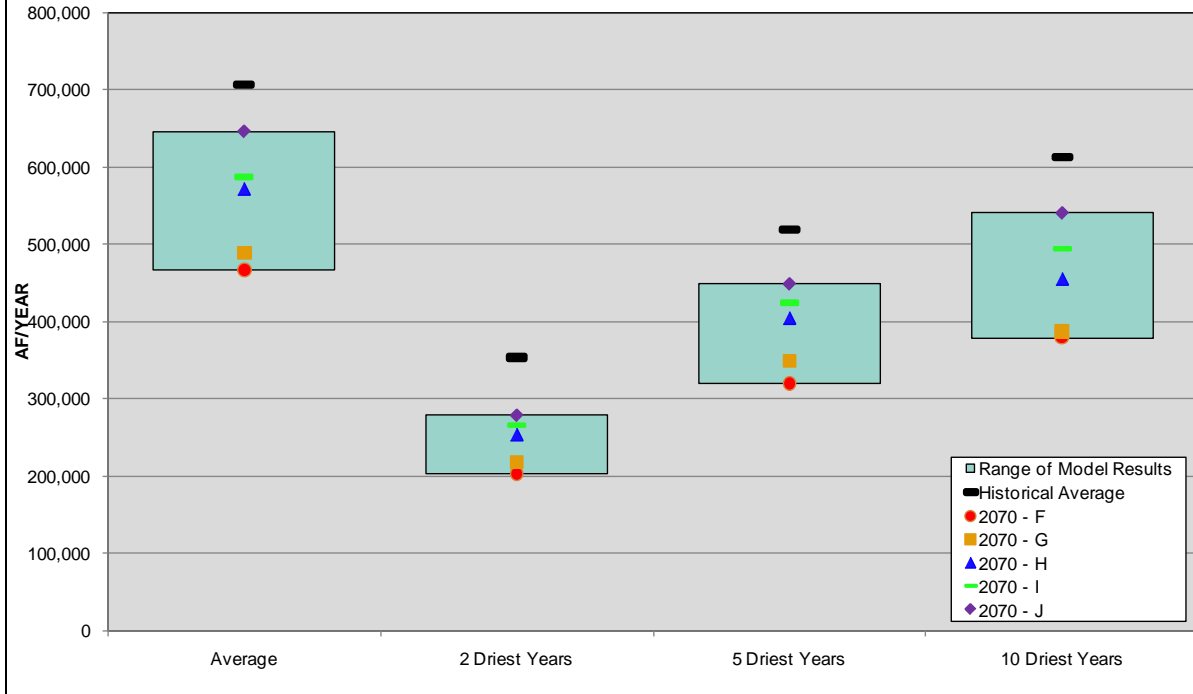
**Figure C149. Los Pinos River at La Boca (09354500)
2070 Natural Flow**



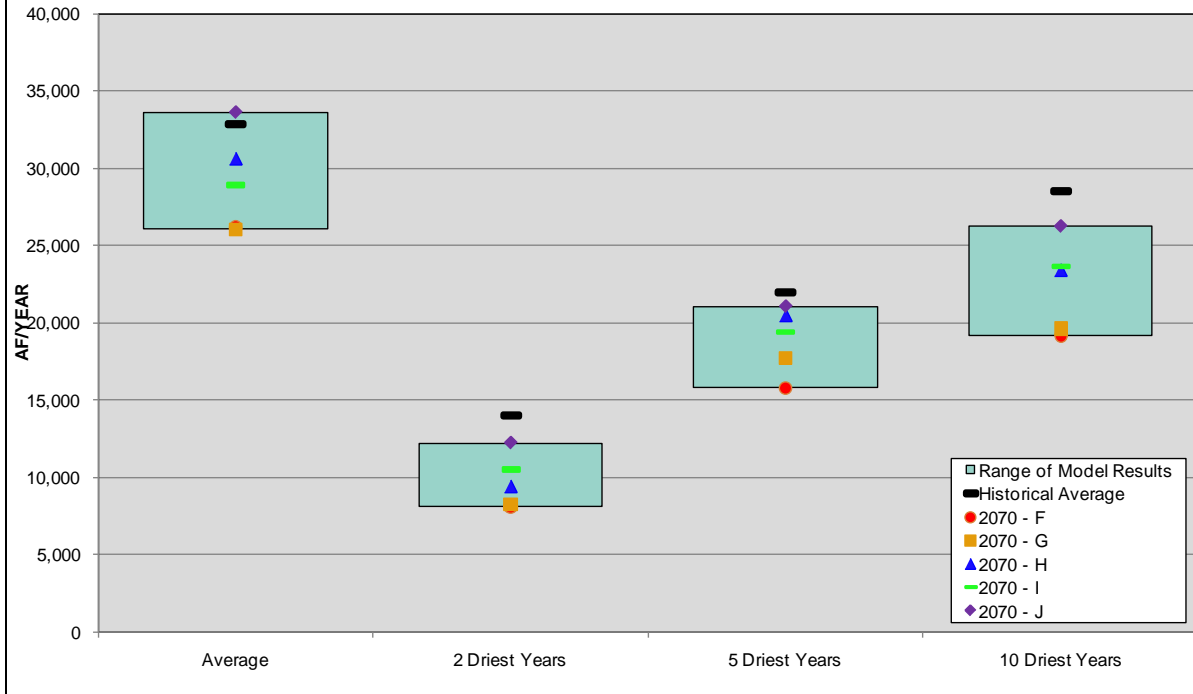
**Figure C150. Florida River at Bondad (09363200)
2070 Natural Flow**



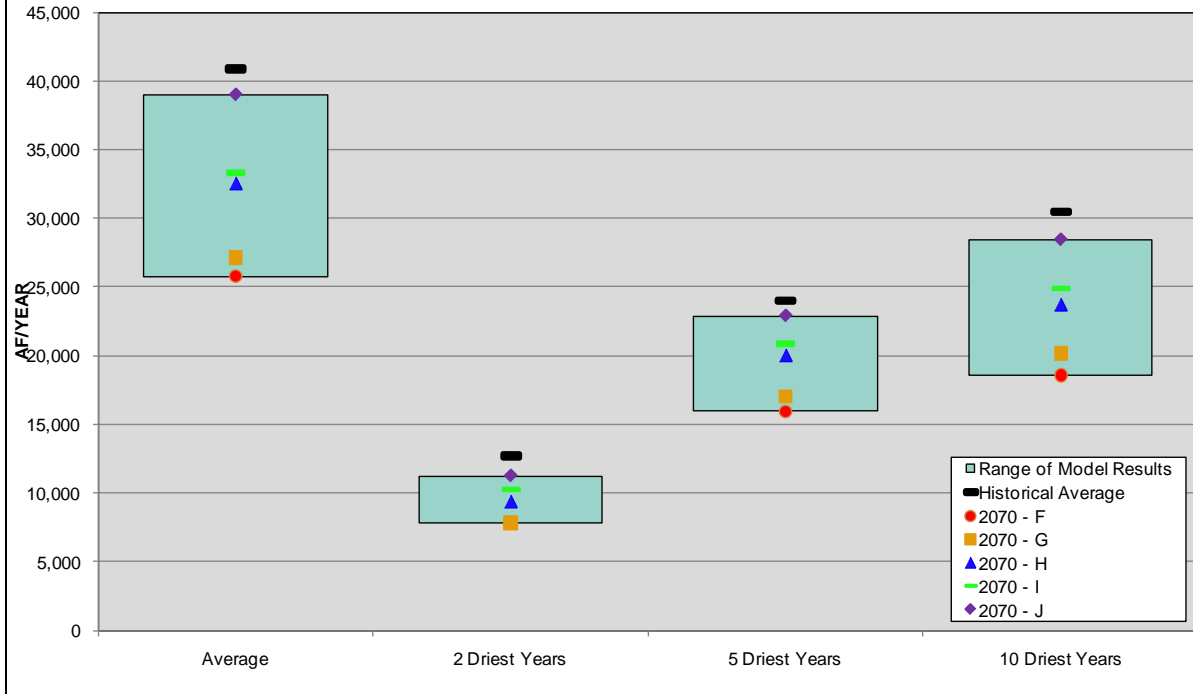
**Figure C151. Animas River near Cedar Hill, NM (09363500)
2070 Natural Flow**



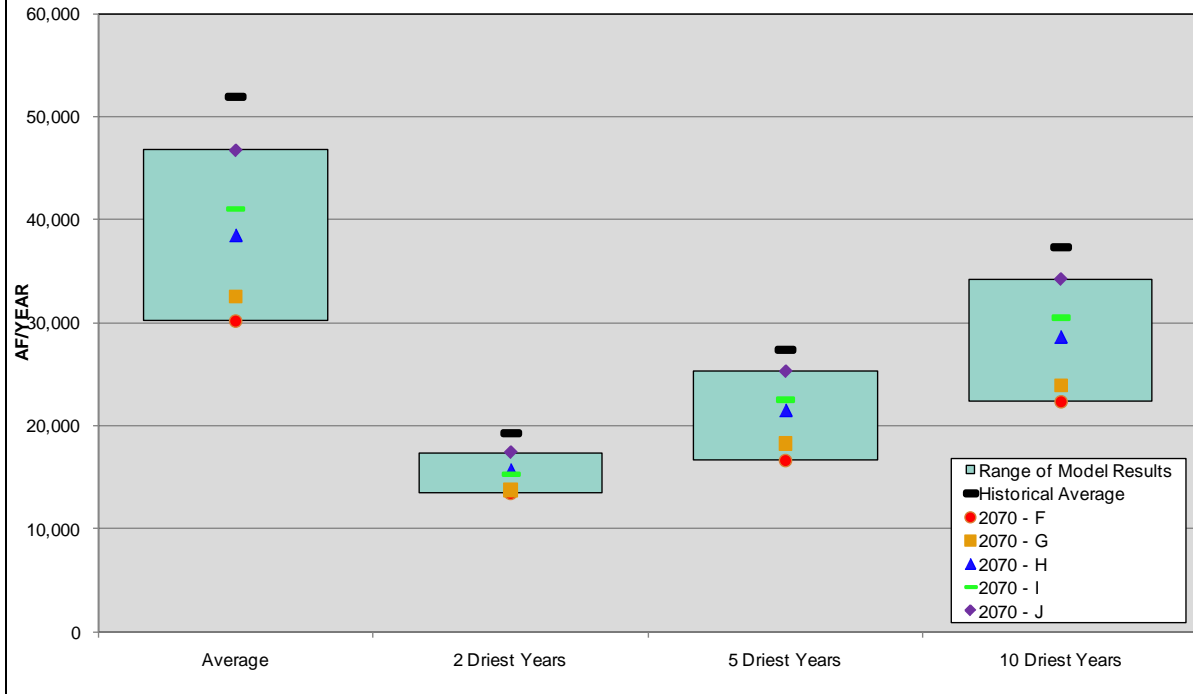
**Figure C152. La Plata River at Hesperus (09365500)
2070 Natural Flow**



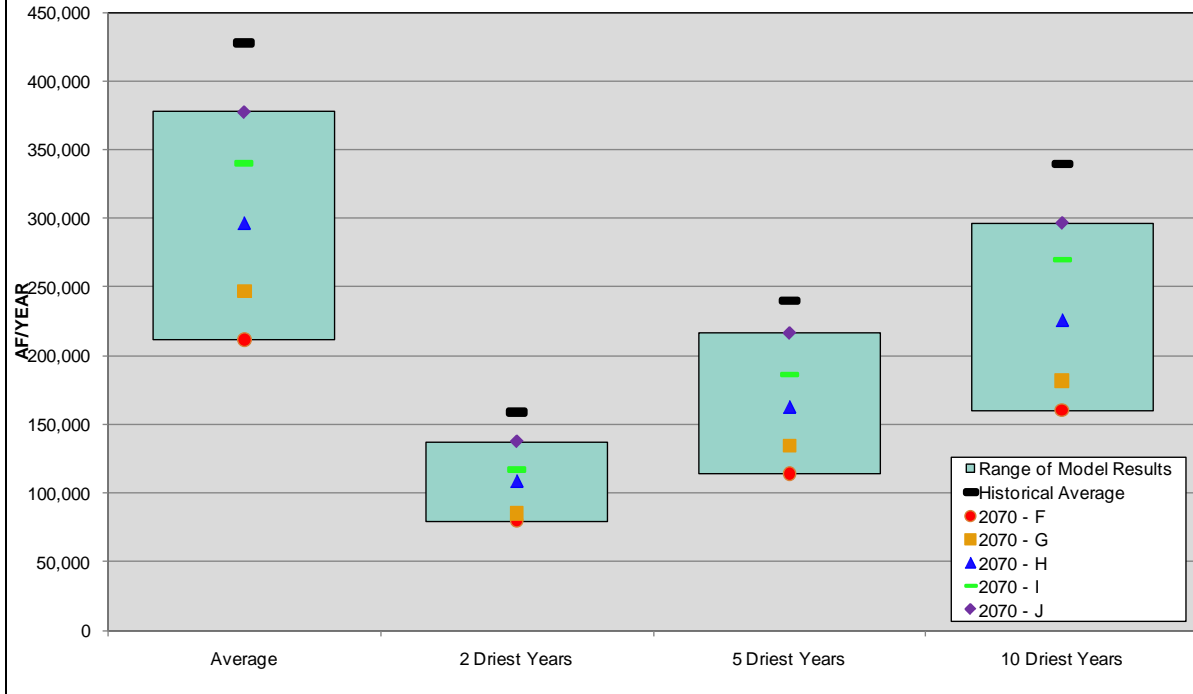
**Figure C153. La Plata River at the CO-NM Stateline (09366500)
2070 Natural Flow**



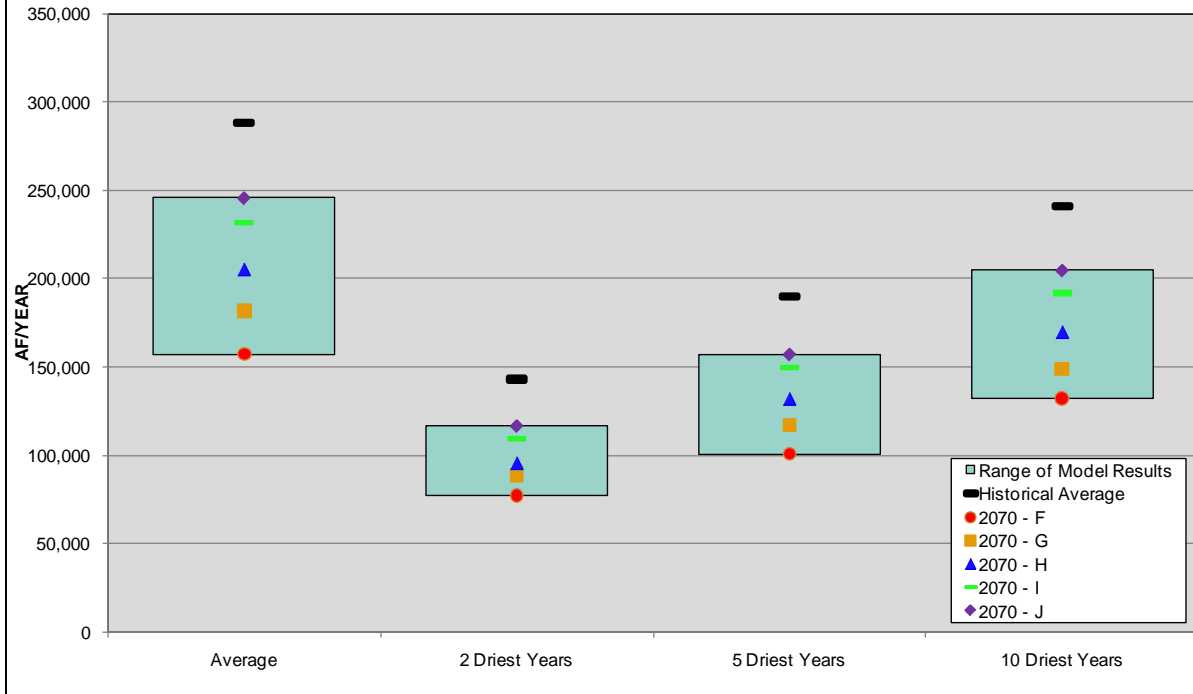
**Figure C154. Mancos River near Towaoc (09371000)
2070 Natural Flow**



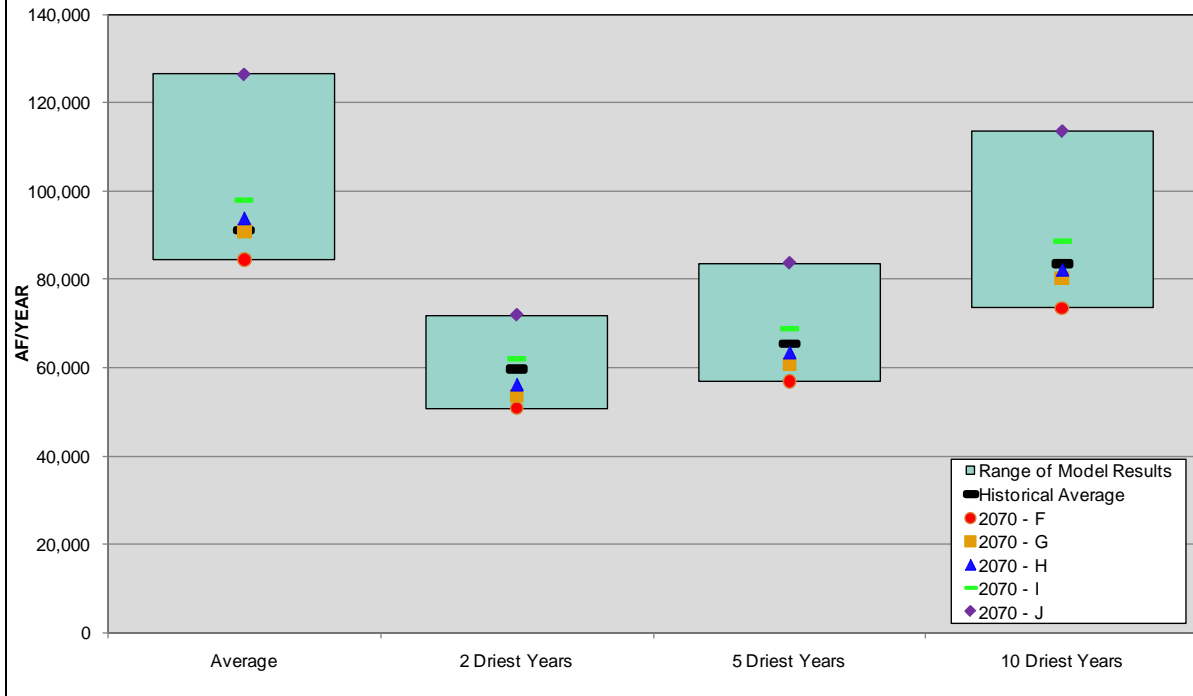
**Figure C155. Dolores River near Bedrock (09171100)
2070 Natural Flow**



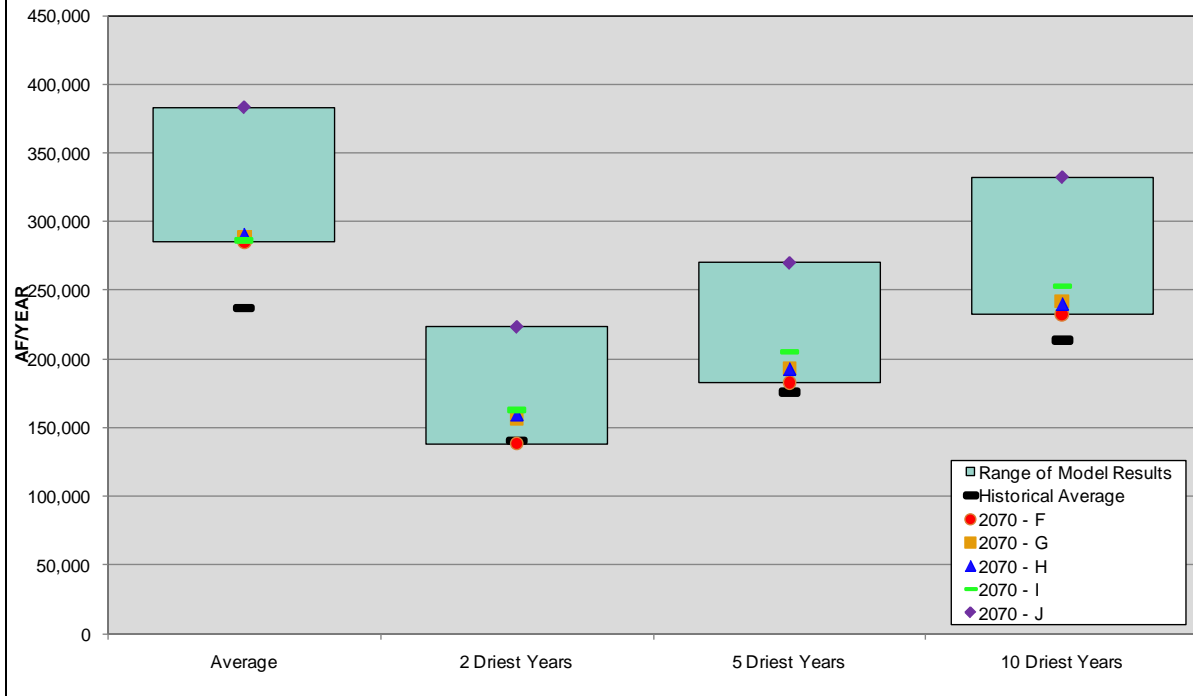
**Figure C156. San Miguel River at Naturita (09175500)
2070 Natural Flow**



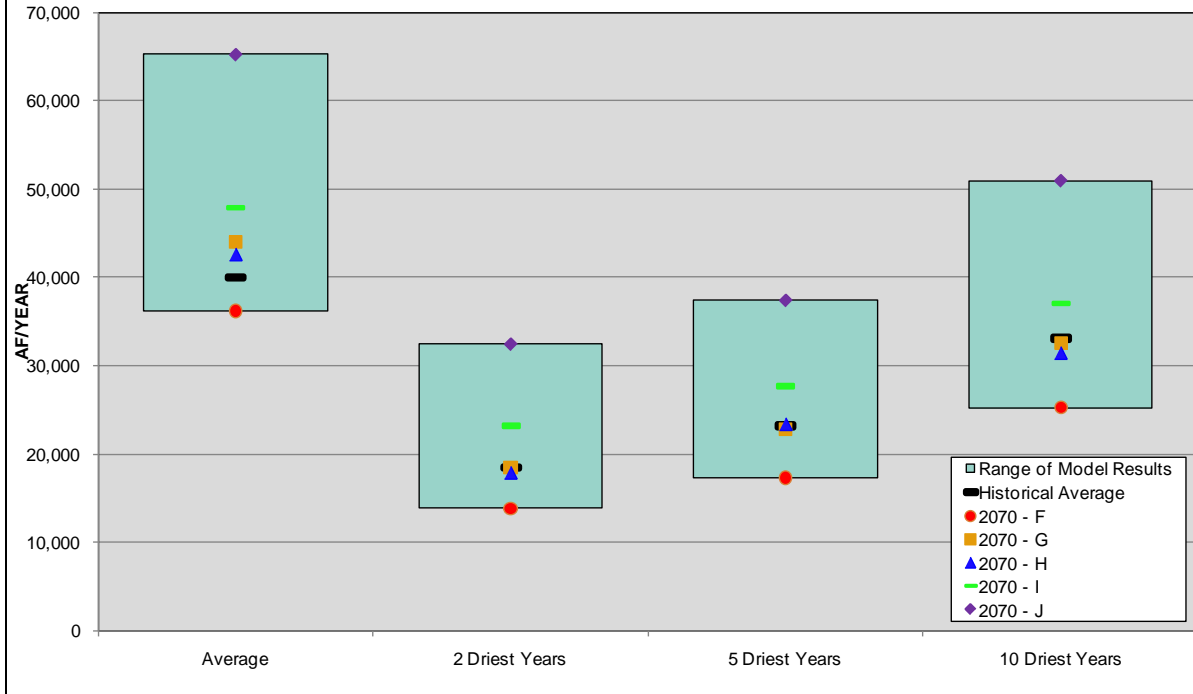
**Figure C157. Yampa River below Stagecoach Reservoir (09237500)
2070 Natural Flow**



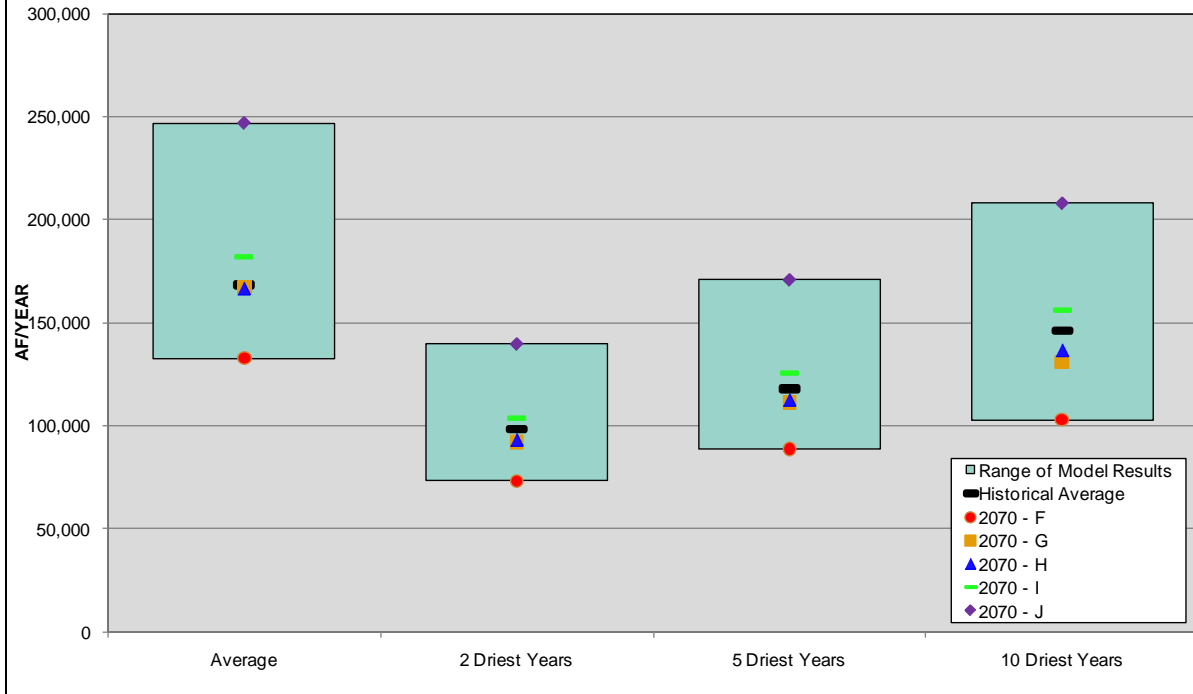
**Figure C158. Elk River at Clark (09241000)
2070 Natural Flow**



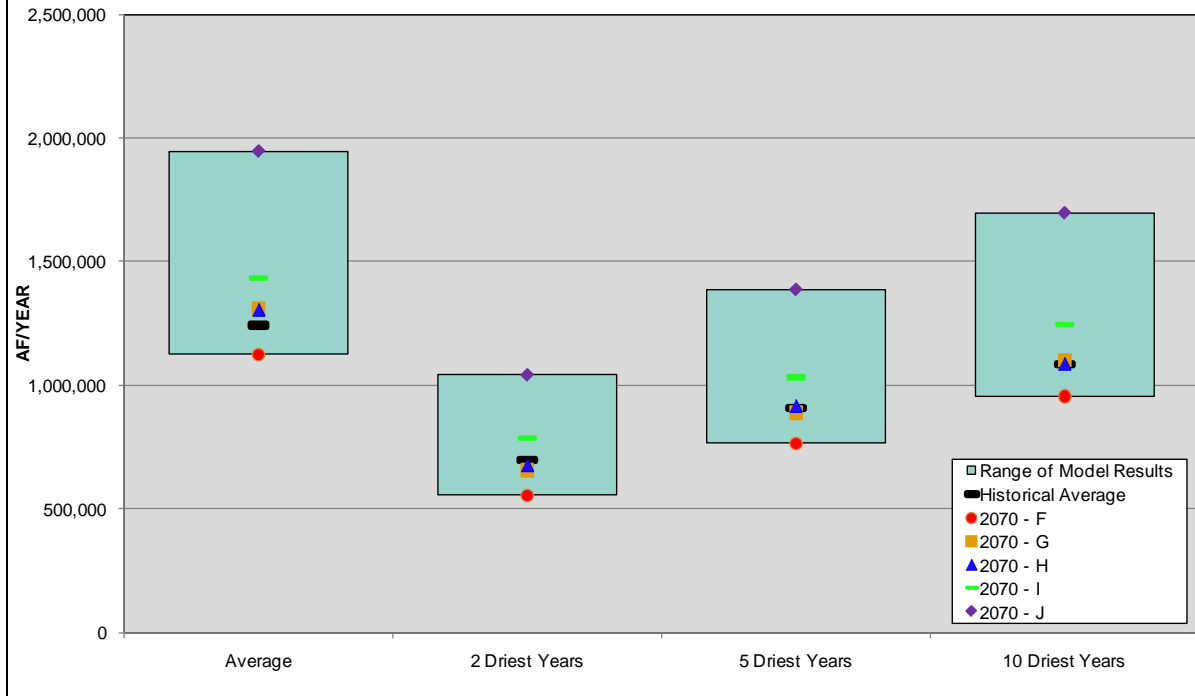
**Figure C159. Elkhead Creek near Elkhead (09245000)
2070 Natural Flow**



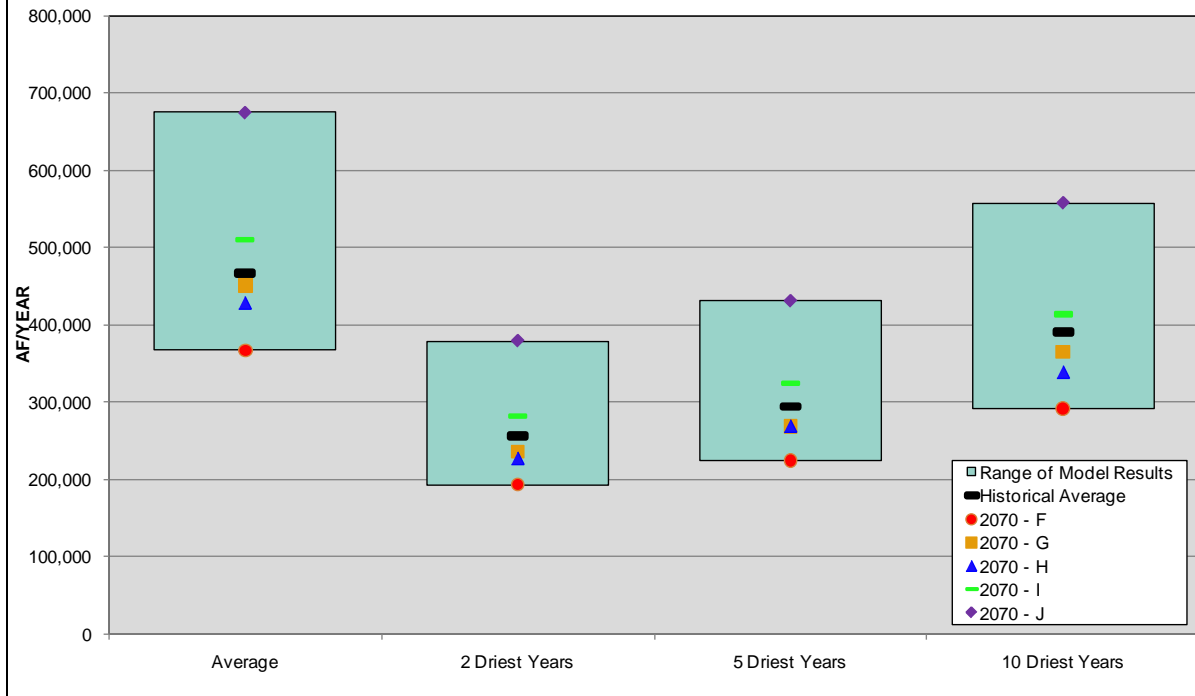
**Figure C160. Williams Fork at Mouth, near Hamilton (09249750)
2070 Natural Flow**



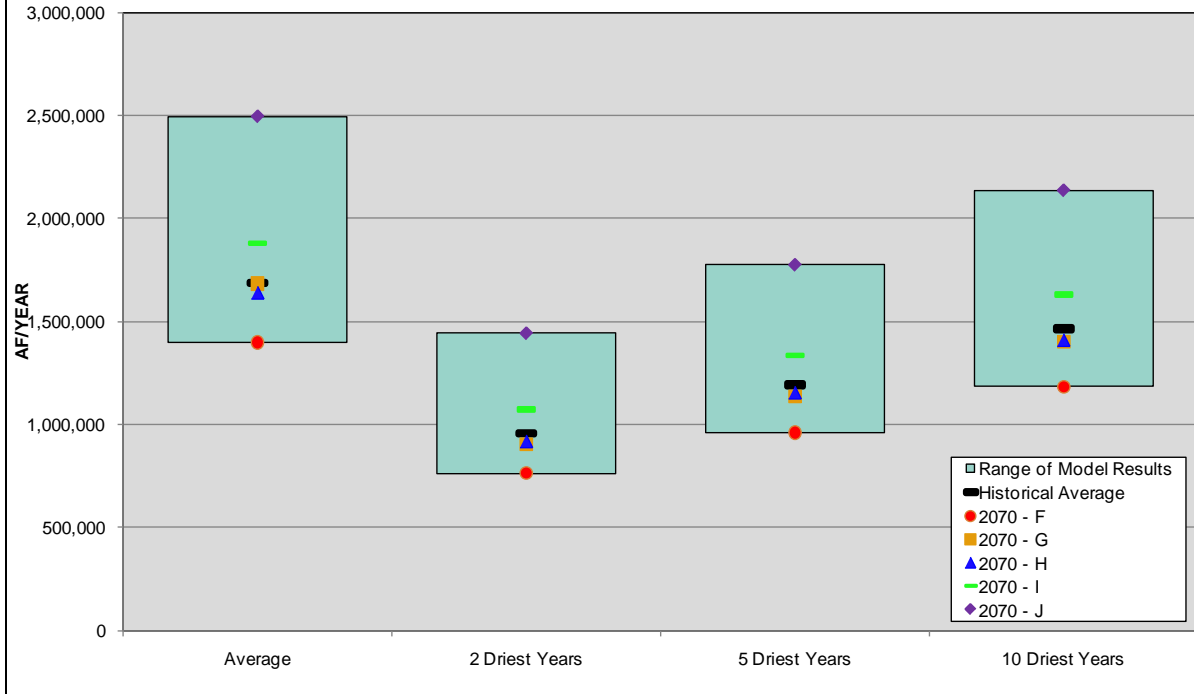
**Figure C161. Yampa River near Maybell (09251000)
2070 Natural Flow**



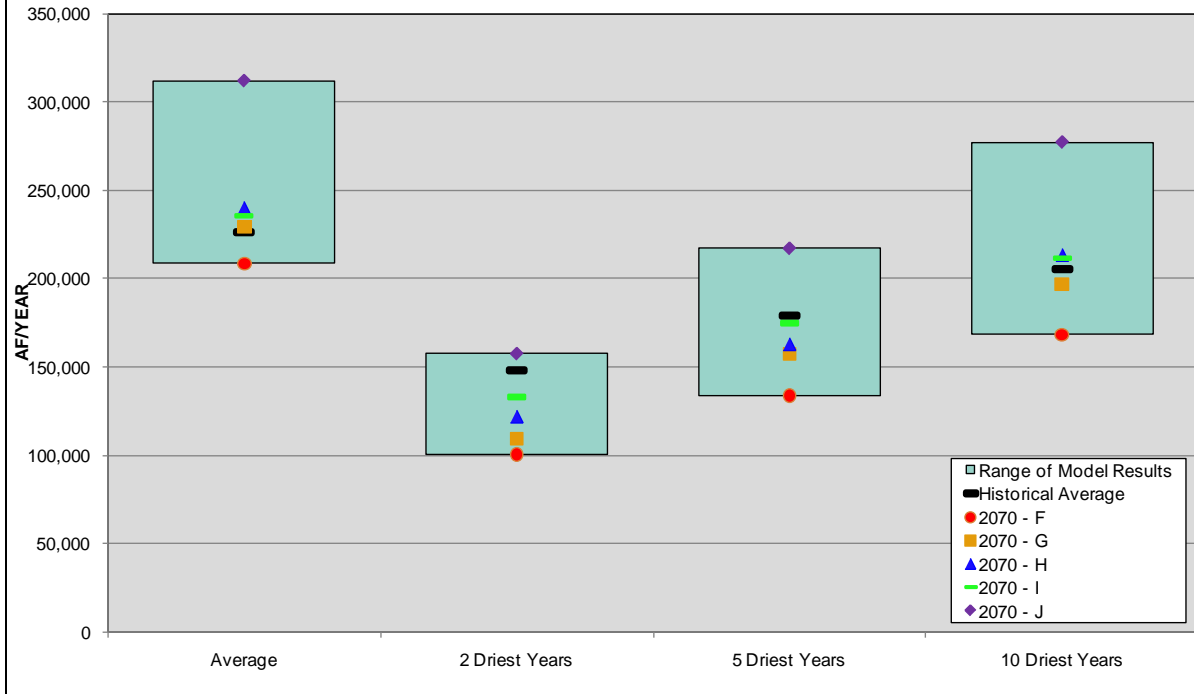
**Figure C162. Little Snake River near Lily (09260000)
2070 Natural Flow**



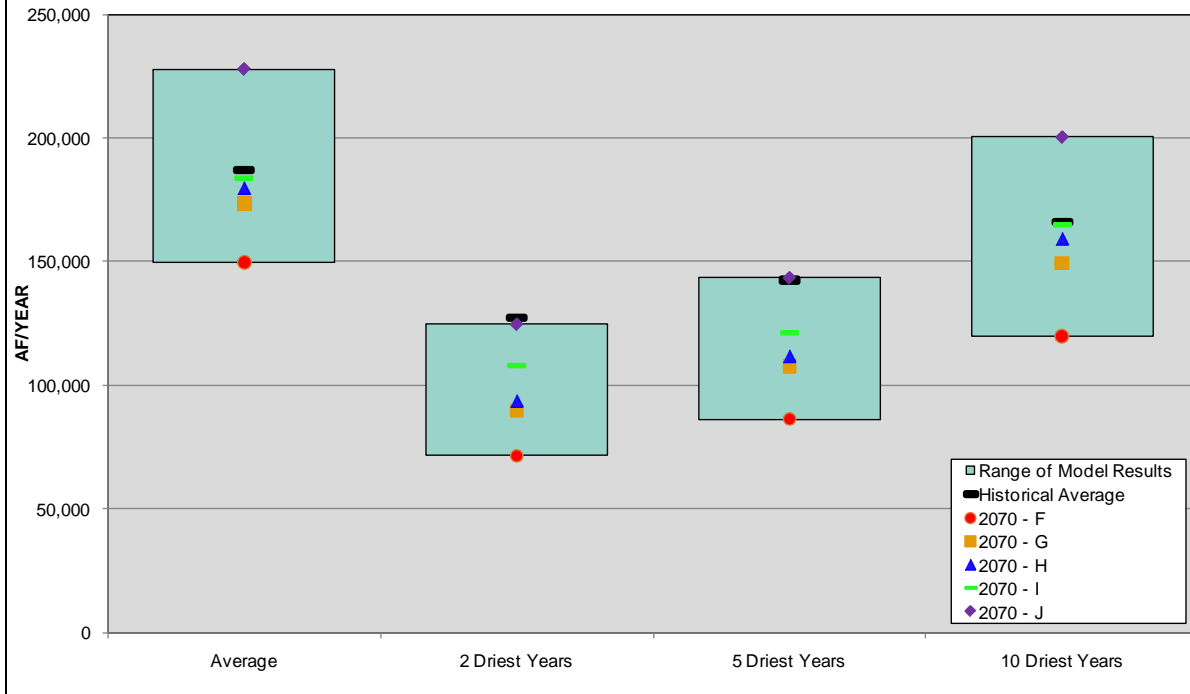
**Figure C163. Yampa River at Deerlodge Park (09260050)
2070 Natural Flow**



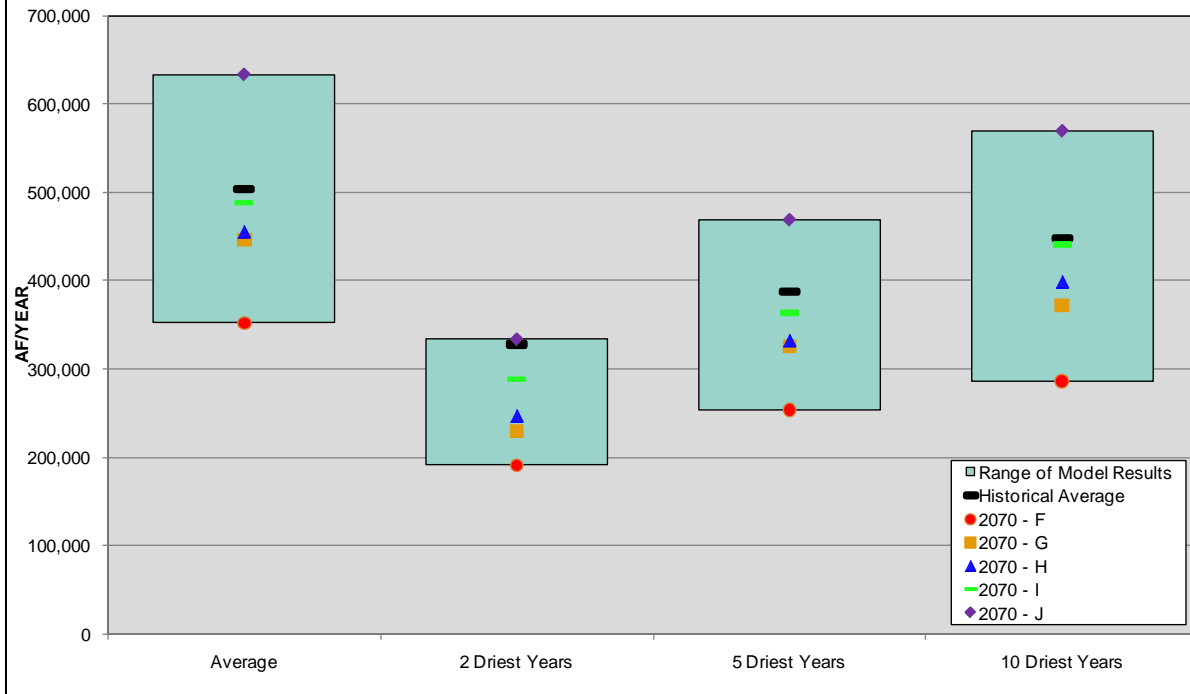
**Figure C164. North Fork White River at Buford (09303000)
2070 Natural Flow**



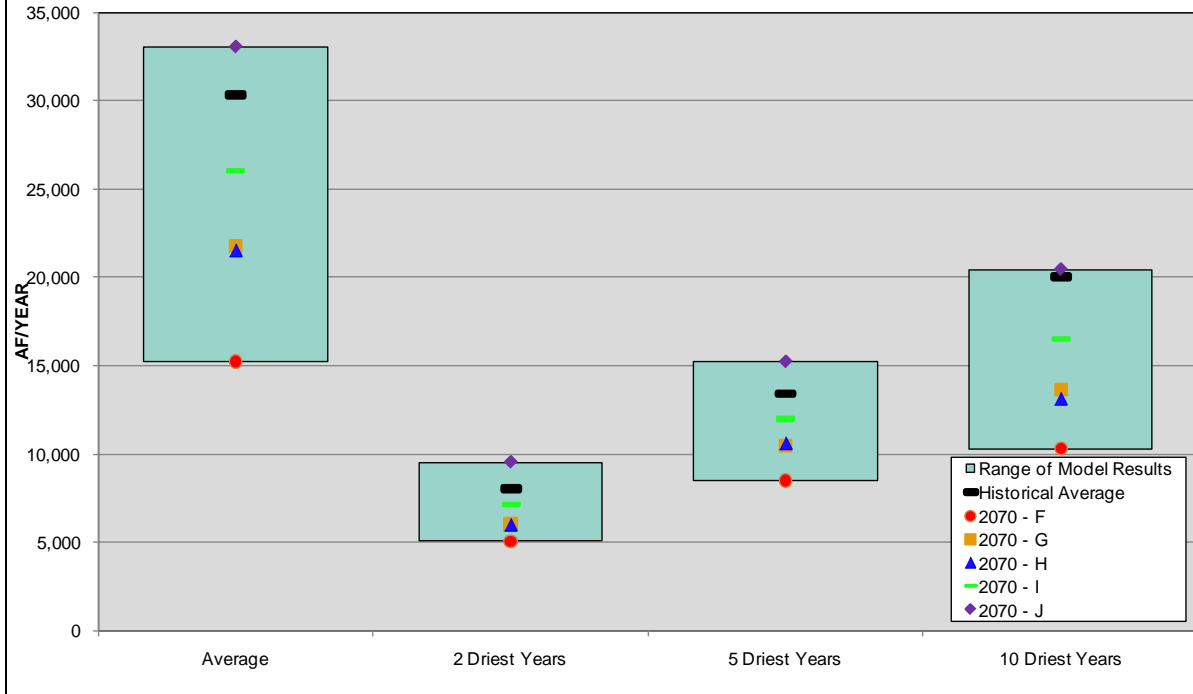
**Figure C165. South Fork White River at Buford (09304000)
2070 Natural Flow**



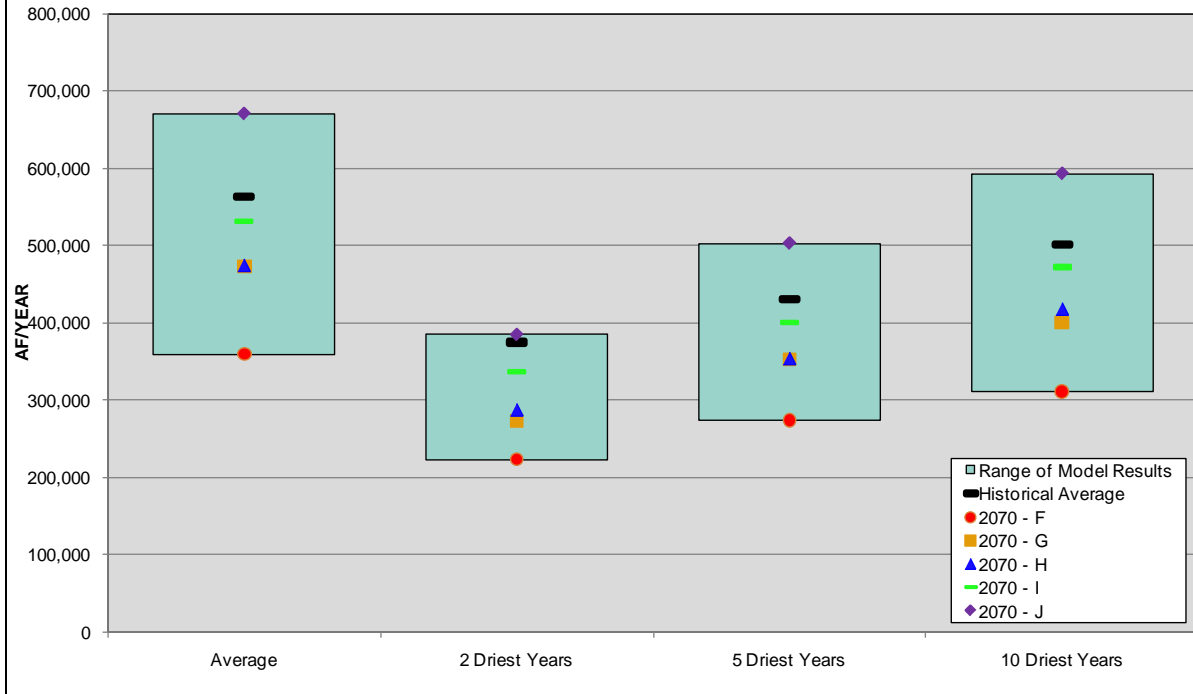
**Figure C166. White River below Meeker (09304800)
2070 Natural Flow**



**Figure C167. Piceance Creek at White River (09306222)
2070 Natural Flow**



**Figure C168. White River near Colorado State Line, UT (09306395)
2070 Natural Flow**



Tables of Spell Statistics

Tables C11 through C52 present the characteristics of spells for the observed period, the Extended Historical Hydrology (EHH) and the Climate-Adjusted Hydrology (CAH).

The observed spells are characterized in the top panel of the table. For example, for the Colorado River near Grand Lake (Table C11), the observed drought (during the period 1950 through 2005) was six years in length and, for those six years, the flow was, on average, 19 percent below the long-term mean flow. Similarly, the observed surplus was five years in length and flows were 10 percent greater than the mean during that period.

The statistics of the EHH (developed by re-sequencing) are shown in the first row of the bottom panel. The results in Table C11 show that droughts of six years in length returned every 61 years and surpluses of five years in length returned every 56 years. The average drought intensity for six-year droughts was -21 percent, somewhat greater than the historical intensity (-19 percent). The intensity of surplus spells of five years in length was 26 percent, also greater than the historical intensity (10 percent).

The statistics for the CAH are in the ten rows below the statistics for the EHH in the lower panel. The first five rows are the results for the projections for 2040 while the next five rows are the results for the projections for 2070. Because the CAH and the EHH are based on the same year sequences, it is best to compare those two results rather than trying to compare the CAH to the historical observed event. On that basis, in Table C11 we can see that for the 2040 time frame, cases A and B show more frequent six-year droughts than is the case in the EHH and cases C, D and E show droughts that are substantially less frequent. For 2070, cases F, H, I and J show six-year droughts that are less frequent than the EHH and case G shows droughts that are more frequent. For the 2040 time frame, cases C, D and E show five-year surpluses that are more frequent than was the case in the EHH, while cases A and B show less frequent surpluses. For the 2070 time frame, cases F, H, I and J show five-year surpluses that are more frequent than was the case in the EHH, while case G shows less frequent surpluses. Deficit intensities vary from case to case, but not by a large amount except for cases E and J; surplus intensities vary over a wider range.

When a spell of a length equal to or exceeding the historical spell is not encountered in a particular climate case this is designated by a double dash in the return interval and intensity fields. For example, in Table C12, Muddy Creek at Kremmling, a drought of seven years in length was not encountered in climate case J for 2070.

Table C11. Colorado River near Grand Lake Spell Statistics

09011000 Colorado River near Grand Lake				
	Observed Spells			
	Length of Spell (years)		Intensity of Spell (% of mean)	
	Drought	Surplus	Drought	Surplus
	6	5	-19%	10%
Alternative Hydrology Spells				
Case	Return Interval of historic spell length (years)		Average Annual Deficit/Surplus (% of mean)	
	Drought	Surplus	Drought	Surplus
Alternative Historical	61	56	-21%	26%
2040 Climate A	22	311	-29%	17%
2040 Climate B	31	108	-25%	18%
2040 Climate C	267	10	-26%	29%
2040 Climate D	373	7	-26%	28%
2040 Climate E	5600	6	-17%	34%
2070 Climate F	93	34	-34%	47%
2070 Climate G	47	82	-30%	28%
2070 Climate H	104	26	-30%	33%
2070 Climate I	700	6	-21%	33%
2070 Climate J	933	5	-16%	57%

Table C12. Muddy Creek at Kremmling Spell Statistics

09041500 Muddy Creek at Kremmling				
	Observed Spells			
	Length of Spell (years)		Intensity of Spell (% of mean)	
	Drought	Surplus	Drought	Surplus
	7	6	-17%	24%
Alternative Hydrology Spells				
Case	Return Interval of historic spell length (years)		Average Annual Deficit/Surplus (% of mean)	
	Drought	Surplus	Drought	Surplus
Alternative Historical	100	40	-24%	22%
2040 Climate A	9	1867	-30%	28%
2040 Climate B	65	53	-27%	21%
2040 Climate C	193	35	-27%	25%
2040 Climate D	1867	12	-25%	40%
2040 Climate E	5600	7	-19%	37%
2070 Climate F	13	800	-35%	20%
2070 Climate G	43	82	-34%	18%
2070 Climate H	43	82	-31%	21%
2070 Climate I	509	19	-25%	30%
2070 Climate J	--	5	--	55%

Table C13. Blue River below Dillon Spell Statistics

09050700 Blue River below Dillon				
	Observed Spells			
	Length of Spell (years)		Intensity of Spell (% of mean)	
	Drought	Surplus	Drought	Surplus
	6	5	-12%	31%
Alternative Hydrology Spells				
Case	Return Interval of historic spell length (years)		Average Annual Deficit/Surplus (% of mean)	
	Drought	Surplus	Drought	Surplus
Alternative Historical	43	16	-21%	25%
2040 Climate A	6	--	-34%	--
2040 Climate B	9	800	-26%	23%
2040 Climate C	20	100	-26%	20%
2040 Climate D	23	46	-26%	20%
2040 Climate E	--	4	--	33%
2070 Climate F	8	--	-33%	--
2070 Climate G	8	--	-33%	--
2070 Climate H	11	622	-29%	22%
2070 Climate I	41	15	-19%	25%
2070 Climate J	108	15	-24%	31%

Table C14. Blue River below Green Mountain Reservoir Spell Statistics

09057500 Blue River below Green Mountain Reservoir				
	Observed Spells			
	Length of Spell (years)		Intensity of Spell (% of mean)	
	Drought	Surplus	Drought	Surplus
	6	5	-16%	36%
Alternative Hydrology Spells				
Case	Return Interval of historic spell length (years)		Average Annual Deficit/Surplus (% of mean)	
	Drought	Surplus	Drought	Surplus
Alternative Historical	85	14	-21%	22%
2040 Climate A	5	--	-31%	--
2040 Climate B	13	267	-26%	19%
2040 Climate C	24	147	-24%	22%
2040 Climate D	40	27	-26%	20%
2040 Climate E	5600	5	-18%	33%
2070 Climate F	6	--	-31%	--
2070 Climate G	8	--	-31%	--
2070 Climate H	16	329	-29%	19%
2070 Climate I	62	24	-19%	26%
2070 Climate J	90	19	-21%	31%

Table C15. Eagle River below Gypsum Spell Statistics

09070000 Eagle River below Gypsum				
	Observed Spells			
	Length of Spell (years)		Intensity of Spell (% of mean)	
	Drought	Surplus	Drought	Surplus
	6	5	-19%	41%
Alternative Hydrology Spells				
Case	Return Interval of historic spell length (years)		Average Annual Deficit/Surplus (% of mean)	
	Drought	Surplus	Drought	Surplus
Alternative Historical	32	20	-23%	23%
2040 Climate A	3	--	-29%	--
2040 Climate B	15	233	-26%	22%
2040 Climate C	12	267	-26%	18%
2040 Climate D	46	32	-26%	20%
2040 Climate E	933	6	-18%	34%
2070 Climate F	2	--	-31%	--
2070 Climate G	7	--	-30%	--
2070 Climate H	11	933	-29%	10%
2070 Climate I	25	55	-23%	21%
2070 Climate J	108	18	-23%	26%

Table C16. Colorado River at Dotsero Spell Statistics

09070500 Colorado River at Dotsero				
	Observed Spells			
	Length of Spell (years)		Intensity of Spell (% of mean)	
	Drought	Surplus	Drought	Surplus
	6	5	-22%	39%
Alternative Hydrology Spells				
Case	Return Interval of historic spell length (years)		Average Annual Deficit/Surplus (% of mean)	
	Drought	Surplus	Drought	Surplus
Alternative Historical	30	28	-22%	27%
2040 Climate A	5	--	-28%	--
2040 Climate B	24	50	-28%	19%
2040 Climate C	29	33	-26%	20%
2040 Climate D	77	29	-23%	29%
2040 Climate E	1400	5	-21%	35%
2070 Climate F	8	5600	-29%	9%
2070 Climate G	15	119	-32%	14%
2070 Climate H	29	51	-30%	17%
2070 Climate I	151	29	-23%	29%
2070 Climate J	233	6	-19%	36%

Table C17. Roaring Fork River near Aspen Spell Statistics

09073400 Roaring Fork River near Aspen				
	Observed Spells			
	Length of Spell (years)		Intensity of Spell (% of mean)	
	Drought	Surplus	Drought	Surplus
	6	6	-21%	29%
Alternative Hydrology Spells				
Case	Return Interval of historic spell length (years)		Average Annual Deficit/Surplus (% of mean)	
	Drought	Surplus	Drought	Surplus
Alternative Historical	37	62	-20%	22%
2040 Climate A	5	--	-30%	--
2040 Climate B	24	200	-28%	15%
2040 Climate C	28	97	-31%	16%
2040 Climate D	40	32	-24%	22%
2040 Climate E	933	4	-21%	29%
2070 Climate F	15	1120	-40%	30%
2070 Climate G	21	622	-36%	16%
2070 Climate H	36	90	-34%	24%
2070 Climate I	60	31	-26%	22%
2070 Climate J	181	12	-23%	35%

Table C18. Roaring Fork River at Glenwood Spell Statistics

09085000 Roaring Fork River at Glenwood				
	Observed Spells			
	Length of Spell (years)		Intensity of Spell (% of mean)	
	Drought	Surplus	Drought	Surplus
	6	5	-19%	41%
Alternative Hydrology Spells				
Case	Return Interval of historic spell length (years)		Average Annual Deficit/Surplus (% of mean)	
	Drought	Surplus	Drought	Surplus
Alternative Historical	24	23	-23%	26%
2040 Climate A	6	5600	-30%	33%
2040 Climate B	23	140	-30%	23%
2040 Climate C	15	467	-28%	30%
2040 Climate D	37	38	-27%	27%
2040 Climate E	86	6	-18%	34%
2070 Climate F	6	5600	-34%	33%
2070 Climate G	14	1120	-32%	19%
2070 Climate H	21	267	-31%	25%
2070 Climate I	28	39	-26%	25%
2070 Climate J	84	11	-25%	32%

Table C19. Colorado River near Cameo Spell Statistics

09095500 Colorado River near Cameo				
	Observed Spells			
	Length of Spell (years)		Intensity of Spell (% of mean)	
	Drought	Surplus	Drought	Surplus
	6	5	-19%	46%
Alternative Hydrology Spells				
Case	Return Interval of historic spell length (years)		Average Annual Deficit/Surplus (% of mean)	
	Drought	Surplus	Drought	Surplus
Alternative Historical	31	19	-24%	27%
2040 Climate A	6	933	-30%	23%
2040 Climate B	27	47	-29%	19%
2040 Climate C	22	49	-28%	18%
2040 Climate D	53	20	-25%	29%
2040 Climate E	800	6	-19%	36%
2070 Climate F	6	5600	-31%	24%
2070 Climate G	12	267	-31%	18%
2070 Climate H	27	66	-32%	17%
2070 Climate I	30	22	-23%	27%
2070 Climate J	127	13	-19%	38%

Table C20. Plateau Creek near Cameo Spell Statistics

09105000 Plateau Creek near Cameo				
	Observed Spells			
	Length of Spell (years)		Intensity of Spell (% of mean)	
	Drought	Surplus	Drought	Surplus
	5	6	-37%	69%
Alternative Hydrology Spells				
Case	Return Interval of historic spell length (years)		Average Annual Deficit/Surplus (% of mean)	
	Drought	Surplus	Drought	Surplus
Alternative Historical	13	21	-34%	42%
2040 Climate A	2	--	-36%	--
2040 Climate B	6	147	-33%	33%
2040 Climate C	4	311	-36%	23%
2040 Climate D	9	69	-32%	40%
2040 Climate E	16	20	-29%	56%
2070 Climate F	2	--	-40%	--
2070 Climate G	5	700	-39%	21%
2070 Climate H	4	311	-36%	24%
2070 Climate I	7	124	-35%	35%
2070 Climate J	9	38	-29%	34%

Table C21. Colorado River near CO-UT State Line Spell Statistics

09163500 Colorado River near CO-UT State Line				
	Observed Spells			
	Length of Spell (years)		Intensity of Spell (% of mean)	
	Drought	Surplus	Drought	Surplus
	6	6	-28%	51%

Alternative Hydrology Spells				
	Return Interval of historic spell length (years)		Average Annual Deficit/Surplus (% of mean)	
	Drought	Surplus	Drought	Surplus
Case				
Alternative Historical	19	36	-28%	36%
2040 Climate A	7	2800	-37%	31%
2040 Climate B	18	98	-33%	24%
2040 Climate C	19	50	-34%	24%
2040 Climate D	33	29	-30%	36%
2040 Climate E	60	15	-22%	47%
2070 Climate F	7	2800	-38%	29%
2070 Climate G	10	1120	-35%	29%
2070 Climate H	23	49	-37%	24%
2070 Climate I	31	35	-32%	33%
2070 Climate J	62	27	-27%	47%

Table C22. East River at Almont Spell Statistics

09112500 East River at Almont				
	Observed Spells			
	Length of Spell (years)		Intensity of Spell (% of mean)	
	Drought	Surplus	Drought	Surplus
	7	6	-21%	28%

Alternative Hydrology Spells				
	Return Interval of historic spell length (years)		Average Annual Deficit/Surplus (% of mean)	
	Drought	Surplus	Drought	Surplus
Case				
Alternative Historical	67	56	-26%	26%
2040 Climate A	14	2800	-32%	41%
2040 Climate B	64	193	-32%	29%
2040 Climate C	55	224	-33%	34%
2040 Climate D	170	79	-30%	36%
2040 Climate E	170	22	-19%	36%
2070 Climate F	29	1867	-38%	49%
2070 Climate G	61	2800	-36%	39%
2070 Climate H	97	431	-36%	54%
2070 Climate I	71	187	-29%	39%
2070 Climate J	329	36	-25%	59%

Table C23. Taylor River at Almont Spell Statistics

09110000 Taylor River at Almont				
	Observed Spells			
	Length of Spell (years)		Intensity of Spell (% of mean)	
	Drought	Surplus	Drought	Surplus
	6	6	-30%	34%
Alternative Hydrology Spells				
Case	Return Interval of historic spell length (years)		Average Annual Deficit/Surplus (% of mean)	
	Drought	Surplus	Drought	Surplus
Alternative Historical	21	35	-24%	28%
2040 Climate A	7	5600	-34%	25%
2040 Climate B	12	431	-30%	29%
2040 Climate C	11	431	-31%	28%
2040 Climate D	19	175	-27%	32%
2040 Climate E	124	11	-21%	38%
2070 Climate F	12	933	-39%	37%
2070 Climate G	13	431	-37%	25%
2070 Climate H	17	431	-32%	40%
2070 Climate I	22	80	-29%	30%
2070 Climate J	70	34	-29%	38%

Table C24. Tomichi Creek at Gunnison Spell Statistics

09119000 Tomichi Creek at Gunnison				
	Observed Spells			
	Length of Spell (years)		Intensity of Spell (% of mean)	
	Drought	Surplus	Drought	Surplus
	6	5	-35%	48%
Alternative Hydrology Spells				
Case	Return Interval of historic spell length (years)		Average Annual Deficit/Surplus (% of mean)	
	Drought	Surplus	Drought	Surplus
Alternative Historical	40	13	-26%	26%
2040 Climate A	2	5600	-35%	35%
2040 Climate B	12	193	-32%	19%
2040 Climate C	12	193	-32%	20%
2040 Climate D	17	58	-26%	31%
2040 Climate E	267	5	-19%	43%
2070 Climate F	2	--	-37%	--
2070 Climate G	2	5600	-34%	33%
2070 Climate H	10	1867	-34%	31%
2070 Climate I	12	255	-28%	37%
2070 Climate J	27	40	-25%	36%

Table C25. Gunnison River near Gunnison Spell Statistics

09114500 Gunnison River near Gunnison				
	Observed Spells			
	Length of Spell (years)		Intensity of Spell (% of mean)	
	Drought	Surplus	Drought	Surplus
	6	6	-27%	33%
Alternative Hydrology Spells				
Case	Return Interval of historic spell length (years)		Average Annual Deficit/Surplus (% of mean)	
	Drought	Surplus	Drought	Surplus
Alternative Historical	31	32	-27%	25%
2040 Climate A	8	5600	-35%	33%
2040 Climate B	17	509	-29%	31%
2040 Climate C	16	431	-32%	32%
2040 Climate D	38	100	-31%	37%
2040 Climate E	97	18	-21%	39%
2070 Climate F	11	2800	-39%	41%
2070 Climate G	13	933	-36%	33%
2070 Climate H	22	431	-33%	46%
2070 Climate I	30	106	-30%	34%
2070 Climate J	58	97	-27%	60%

Table C26. Cimarron River at Cimarron Spell Statistics

09126500 Cimarron River at Cimarron				
	Observed Spells			
	Length of Spell (years)		Intensity of Spell (% of mean)	
	Drought	Surplus	Drought	Surplus
	6	6	-16%	47%
Alternative Hydrology Spells				
Case	Return Interval of historic spell length (years)		Average Annual Deficit/Surplus (% of mean)	
	Drought	Surplus	Drought	Surplus
Alternative Historical	57	32	-25%	27%
2040 Climate A	2	--	-37%	--
2040 Climate B	9	1120	-29%	21%
2040 Climate C	6	5600	-31%	52%
2040 Climate D	16	933	-24%	33%
2040 Climate E	295	11	-21%	39%
2070 Climate F	2	--	-40%	--
2070 Climate G	2	--	-34%	--
2070 Climate H	4	--	-30%	--
2070 Climate I	7	2800	-29%	39%
2070 Climate J	16	933	-27%	33%

Table C27. Gunnison River below Gunnison Tunnel Spell Statistics

09128000 Gunnison River below Gunnison Tunnel				
	Observed Spells			
	Length of Spell (years)		Intensity of Spell (% of mean)	
	Drought	Surplus	Drought	Surplus
	6	6	-27%	42%
Alternative Hydrology Spells				
Case	Return Interval of historic spell length (years)		Average Annual Deficit/Surplus (% of mean)	
	Drought	Surplus	Drought	Surplus
Alternative Historical	27	33	-27%	29%
2040 Climate A	5	--	-35%	--
2040 Climate B	19	110	-33%	24%
2040 Climate C	19	187	-34%	27%
2040 Climate D	25	59	-28%	33%
2040 Climate E	70	14	-19%	44%
2070 Climate F	5	--	-38%	--
2070 Climate G	8	--	-36%	--
2070 Climate H	21	110	-37%	27%
2070 Climate I	23	60	-32%	27%
2070 Climate J	36	41	-27%	41%

Table C28. Gunnison River near Lazear Spell Statistics

09136200 Gunnison River near Lazear				
	Observed Spells			
	Length of Spell (years)		Intensity of Spell (% of mean)	
	Drought	Surplus	Drought	Surplus
	6	6	-29%	50%
Alternative Hydrology Spells				
Case	Return Interval of historic spell length (years)		Average Annual Deficit/Surplus (% of mean)	
	Drought	Surplus	Drought	Surplus
Alternative Historical	25	35	-29%	34%
2040 Climate A	7	2800	-38%	33%
2040 Climate B	21	187	-35%	34%
2040 Climate C	19	187	-35%	34%
2040 Climate D	30	35	-30%	37%
2040 Climate E	71	13	-22%	47%
2070 Climate F	6	5600	-40%	41%
2070 Climate G	11	311	-39%	21%
2070 Climate H	21	187	-37%	36%
2070 Climate I	21	187	-32%	41%
2070 Climate J	47	27	-28%	47%

Table C29. Uncompahgre River at Delta Spell Statistics

09149500 Uncompahgre River at Delta				
	Observed Spells			
	Length of Spell (years)		Intensity of Spell (% of mean)	
	Drought	Surplus	Drought	Surplus
	6	6	-13%	60%

Alternative Hydrology Spells				
Case	Return Interval of historic spell length (years)		Average Annual Deficit/Surplus (% of mean)	
	Drought	Surplus	Drought	Surplus
Alternative Historical	24	60	-25%	41%
2040 Climate A	1	--	-37%	--
2040 Climate B	7	2800	-30%	37%
2040 Climate C	5	2800	-30%	31%
2040 Climate D	12	124	-26%	37%
2040 Climate E	295	28	-26%	48%
2070 Climate F	1	--	-40%	--
2070 Climate G	2	--	-35%	--
2070 Climate H	4	--	-33%	--
2070 Climate I	7	2800	-31%	38%
2070 Climate J	7	2800	-26%	46%

Table C30. Gunnison River near Grand Junction Spell Statistics

09152500 Gunnison River near Grand Junction				
	Observed Spells			
	Length of Spell (years)		Intensity of Spell (% of mean)	
	Drought	Surplus	Drought	Surplus
	5	6	-33%	50%

Alternative Hydrology Spells				
Case	Return Interval of historic spell length (years)		Average Annual Deficit/Surplus (% of mean)	
	Drought	Surplus	Drought	Surplus
Alternative Historical	17	20	-30%	30%
2040 Climate A	5	2800	-40%	26%
2040 Climate B	13	187	-35%	32%
2040 Climate C	12	187	-36%	29%
2040 Climate D	18	35	-31%	36%
2040 Climate E	30	15	-22%	48%
2070 Climate F	4	--	-40%	--
2070 Climate G	8	311	-39%	15%
2070 Climate H	13	187	-38%	28%
2070 Climate I	13	187	-33%	37%
2070 Climate J	19	48	-28%	47%

Table C31. San Juan River near Carracas Spell Statistics

09346400 San Juan River near Carracas				
	Observed Spells			
	Length of Spell (years)		Intensity of Spell (% of mean)	
	Drought	Surplus	Drought	Surplus
	4	6	-35%	47%
Alternative Hydrology Spells				
Case	Return Interval of historic spell length (years)		Average Annual Deficit/Surplus (% of mean)	
	Drought	Surplus	Drought	Surplus
Alternative Historical	17	34	-36%	35%
2040 Climate A	2	--	-40%	--
2040 Climate B	6	207	-38%	31%
2040 Climate C	11	86	-37%	45%
2040 Climate D	14	57	-33%	52%
2040 Climate E	61	16	-34%	54%
2070 Climate F	3	--	-44%	--
2070 Climate G	3	--	-46%	--
2070 Climate H	9	509	-44%	45%
2070 Climate I	6	200	-38%	33%
2070 Climate J	18	64	-39%	57%

Table C32. Piedra River near Arboles Spell Statistics

09349800 Piedra River near Arboles				
	Observed Spells			
	Length of Spell (years)		Intensity of Spell (% of mean)	
	Drought	Surplus	Drought	Surplus
	4	6	-42%	51%
Alternative Hydrology Spells				
Case	Return Interval of historic spell length (years)		Average Annual Deficit/Surplus (% of mean)	
	Drought	Surplus	Drought	Surplus
Alternative Historical	11	75	-36%	46%
2040 Climate A	3	2800	-47%	22%
2040 Climate B	5	431	-43%	48%
2040 Climate C	6	215	-37%	58%
2040 Climate D	10	124	-36%	65%
2040 Climate E	61	16	-40%	63%
2070 Climate F	2	--	-45%	--
2070 Climate G	3	--	-48%	--
2070 Climate H	8	350	-46%	46%
2070 Climate I	5	233	-41%	42%
2070 Climate J	13	114	-42%	63%

Table C33. Los Pinos River at La Boca Spell Statistics

09354500 Los Pinos River at La Boca				
	Observed Spells			
	Length of Spell (years)		Intensity of Spell (% of mean)	
	Drought	Surplus	Drought	Surplus
	6	6	-25%	41%

Alternative Hydrology Spells				
Case	Return Interval of historic spell length (years)		Average Annual Deficit/Surplus (% of mean)	
	Drought	Surplus	Drought	Surplus
Alternative Historical	19	127	-28%	44%
2040 Climate A	4	--	-47%	--
2040 Climate B	9	243	-42%	31%
2040 Climate C	11	233	-39%	43%
2040 Climate D	16	224	-33%	55%
2040 Climate E	93	36	-24%	54%
2070 Climate F	5	5600	-49%	42%
2070 Climate G	4	--	-48%	--
2070 Climate H	12	1400	-44%	54%
2070 Climate I	11	233	-41%	33%
2070 Climate J	12	233	-38%	60%

Table C34. Florida River at Bondad Spell Statistics

09363200 Florida River at Bondad				
	Observed Spells			
	Length of Spell (years)		Intensity of Spell (% of mean)	
	Drought	Surplus	Drought	Surplus
	5	6	-13%	42%

Alternative Hydrology Spells				
Case	Return Interval of historic spell length (years)		Average Annual Deficit/Surplus (% of mean)	
	Drought	Surplus	Drought	Surplus
Alternative Historical	13	119	-31%	48%
2040 Climate A	2	--	-49%	--
2040 Climate B	7	243	-43%	39%
2040 Climate C	7	243	-41%	50%
2040 Climate D	10	200	-35%	65%
2040 Climate E	51	31	-29%	61%
2070 Climate F	2	--	-50%	--
2070 Climate G	3	--	-50%	--
2070 Climate H	5	--	-44%	--
2070 Climate I	6	467	-43%	41%
2070 Climate J	7	243	-39%	74%

Table C35. Animas River near Cedar Hill, NM Spell Statistics

09363500 Animas River near Cedar Hill, Nm				
	Observed Spells			
	Length of Spell (years)		Intensity of Spell (% of mean)	
	Drought	Surplus	Drought	Surplus
	5	6	-27%	35%
Alternative Hydrology Spells				
Case	Return Interval of historic spell length (years)		Average Annual Deficit/Surplus (% of mean)	
	Drought	Surplus	Drought	Surplus
Alternative Historical	19	97	-29%	38%
2040 Climate A	3	2800	-46%	6%
2040 Climate B	6	243	-39%	23%
2040 Climate C	7	233	-37%	31%
2040 Climate D	10	133	-31%	38%
2040 Climate E	82	32	-24%	49%
2070 Climate F	2	--	-44%	--
2070 Climate G	3	--	-44%	--
2070 Climate H	7	700	-42%	29%
2070 Climate I	7	233	-39%	25%
2070 Climate J	8	233	-36%	46%

Table C36. La Plata River at Hesperus Spell Statistics

09365500 La Plata River at Hesperus				
	Observed Spells			
	Length of Spell (years)		Intensity of Spell (% of mean)	
	Drought	Surplus	Drought	Surplus
	5	6	-33%	37%
Alternative Hydrology Spells				
Case	Return Interval of historic spell length (years)		Average Annual Deficit/Surplus (% of mean)	
	Drought	Surplus	Drought	Surplus
Alternative Historical	15	114	-31%	45%
2040 Climate A	5	1400	-48%	43%
2040 Climate B	8	400	-41%	47%
2040 Climate C	9	200	-38%	55%
2040 Climate D	17	140	-35%	60%
2040 Climate E	55	56	-24%	61%
2070 Climate F	9	1120	-53%	77%
2070 Climate G	6	2800	-47%	79%
2070 Climate H	12	800	-45%	77%
2070 Climate I	9	373	-42%	47%
2070 Climate J	14	160	-40%	74%

Table C37. La Plata River at CO-NM State Line Spell Statistics

09366500 La Plata River at CO-NM State Line				
	Observed Spells			
	Length of Spell (years)		Intensity of Spell (% of mean)	
	Drought	Surplus	Drought	Surplus
	6	6	-37%	61%
Alternative Hydrology Spells				
Case	Return Interval of historic spell length (years)		Average Annual Deficit/Surplus (% of mean)	
	Drought	Surplus	Drought	Surplus
Alternative Historical	17	130	-42%	73%
2040 Climate A	3	933	-51%	11%
2040 Climate B	12	224	-48%	65%
2040 Climate C	12	224	-46%	63%
2040 Climate D	18	133	-42%	81%
2040 Climate E	47	34	-38%	94%
2070 Climate F	3	2800	-51%	31%
2070 Climate G	4	--	-49%	--
2070 Climate H	11	622	-50%	51%
2070 Climate I	12	224	-49%	43%
2070 Climate J	14	200	-45%	77%

Table C38. Mancos River near Towaoc Spell Statistics

09371000 Mancos River near Towaoc				
	Observed Spells			
	Length of Spell (years)		Intensity of Spell (% of mean)	
	Drought	Surplus	Drought	Surplus
	6	6	-40%	60%
Alternative Hydrology Spells				
Case	Return Interval of historic spell length (years)		Average Annual Deficit/Surplus (% of mean)	
	Drought	Surplus	Drought	Surplus
Alternative Historical	18	60	-42%	61%
2040 Climate A	2	--	-49%	--
2040 Climate B	12	1400	-47%	83%
2040 Climate C	13	295	-47%	55%
2040 Climate D	19	193	-42%	78%
2040 Climate E	27	38	-34%	91%
2070 Climate F	3	--	-52%	--
2070 Climate G	3	--	-51%	--
2070 Climate H	5	2800	-47%	54%
2070 Climate I	11	295	-49%	39%
2070 Climate J	13	295	-45%	66%

Table C39. Dolores River near Bedrock Spell Statistics

09171100 Dolores River near Bedrock				
	Observed Spells			
	Length of Spell (years)		Intensity of Spell (% of mean)	
	Drought	Surplus	Drought	Surplus
	6	6	-28%	65%
Alternative Hydrology Spells				
Case	Return Interval of historic spell length (years)		Average Annual Deficit/Surplus (% of mean)	
	Drought	Surplus	Drought	Surplus
Alternative Historical	18	61	-37%	58%
2040 Climate A	2	--	-55%	--
2040 Climate B	12	243	-48%	47%
2040 Climate C	12	243	-46%	46%
2040 Climate D	14	233	-38%	72%
2040 Climate E	68	35	-33%	81%
2070 Climate F	2	--	-57%	--
2070 Climate G	3	--	-53%	--
2070 Climate H	4	1867	-48%	32%
2070 Climate I	13	233	-49%	41%
2070 Climate J	12	243	-43%	55%

Table C40. San Miguel River at Naturita Spell Statistics

09175500 San Miguel River at Naturita				
	Observed Spells			
	Length of Spell (years)		Intensity of Spell (% of mean)	
	Drought	Surplus	Drought	Surplus
	5	6	-34%	62%
Alternative Hydrology Spells				
Case	Return Interval of historic spell length (years)		Average Annual Deficit/Surplus (% of mean)	
	Drought	Surplus	Drought	Surplus
Alternative Historical	14	50	-32%	52%
2040 Climate A	2	--	-44%	--
2040 Climate B	6	700	-40%	36%
2040 Climate C	7	127	-41%	28%
2040 Climate D	9	122	-34%	48%
2040 Climate E	46	27	-30%	63%
2070 Climate F	1	--	-47%	--
2070 Climate G	2	--	-46%	--
2070 Climate H	4	1867	-45%	19%
2070 Climate I	7	127	-41%	30%
2070 Climate J	5	280	-36%	37%

Table C41. Yampa River below Stagecoach Reservoir Spell Statistics

09237500 Yampa River below Stagecoach Reservoir				
	Observed Spells			
	Length of Spell (years)		Intensity of Spell (% of mean)	
	Drought	Surplus	Drought	Surplus
	6	5	-26%	35%
Alternative Hydrology Spells				
Case	Return Interval of historic spell length (years)		Average Annual Deficit/Surplus (% of mean)	
	Drought	Surplus	Drought	Surplus
Alternative Historical	98	10	-25%	22%
2040 Climate A	10	193	-27%	15%
2040 Climate B	28	26	-27%	17%
2040 Climate C	38	31	-26%	23%
2040 Climate D	215	8	-25%	31%
2040 Climate E	215	8	-17%	35%
2070 Climate F	30	24	-30%	23%
2070 Climate G	57	19	-28%	30%
2070 Climate H	140	17	-27%	33%
2070 Climate I	207	8	-23%	31%
2070 Climate J	--	3	--	60%

Table C42. Elk River at Clark Spell Statistics

09241000 Elk River at Clark				
	Observed Spells			
	Length of Spell (years)		Intensity of Spell (% of mean)	
	Drought	Surplus	Drought	Surplus
	6	5	-27%	39%
Alternative Hydrology Spells				
Case	Return Interval of historic spell length (years)		Average Annual Deficit/Surplus (% of mean)	
	Drought	Surplus	Drought	Surplus
Alternative Historical	89	13	-25%	25%
2040 Climate A	79	14	-27%	31%
2040 Climate B	140	12	-27%	28%
2040 Climate C	140	12	-23%	40%
2040 Climate D	622	7	-18%	44%
2040 Climate E	255	12	-17%	40%
2070 Climate F	373	8	-28%	53%
2070 Climate G	373	8	-24%	53%
2070 Climate H	373	8	-23%	54%
2070 Climate I	560	8	-18%	47%
2070 Climate J	--	2	--	81%

Table C43. Elkhead Creek near Elkhead Spell Statistics

09245000 Elkhead Creek near Elkhead				
	Observed Spells			
	Length of Spell (years)		Intensity of Spell (% of mean)	
	Drought	Surplus	Drought	Surplus
	6	5	-39%	55%
Alternative Hydrology Spells				
Case	Return Interval of historic spell length (years)		Average Annual Deficit/Surplus (% of mean)	
	Drought	Surplus	Drought	Surplus
Alternative Historical	33	13	-40%	40%
2040 Climate A	21	54	-41%	49%
2040 Climate B	55	12	-38%	44%
2040 Climate C	42	13	-39%	47%
2040 Climate D	200	7	-26%	68%
2040 Climate E	58	9	-26%	59%
2070 Climate F	24	93	-46%	62%
2070 Climate G	62	17	-44%	54%
2070 Climate H	58	17	-44%	50%
2070 Climate I	86	10	-33%	57%
2070 Climate J	--	3	--	90%

Table C44. Williams Fork at Mouth, near Hamilton Spell Statistics

09249750 Williams Fork at Mouth, near Hamilton				
	Observed Spells			
	Length of Spell (years)		Intensity of Spell (% of mean)	
	Drought	Surplus	Drought	Surplus
	6	5	-26%	55%
Alternative Hydrology Spells				
Case	Return Interval of historic spell length (years)		Average Annual Deficit/Surplus (% of mean)	
	Drought	Surplus	Drought	Surplus
Alternative Historical	29	23	-27%	35%
2040 Climate A	11	160	-34%	23%
2040 Climate B	45	22	-30%	32%
2040 Climate C	26	33	-30%	31%
2040 Climate D	280	9	-20%	48%
2040 Climate E	280	9	-20%	45%
2070 Climate F	6	800	-36%	30%
2070 Climate G	58	19	-34%	37%
2070 Climate H	53	20	-32%	37%
2070 Climate I	108	18	-22%	44%
2070 Climate J	--	3	--	69%

Table C45. Yampa River near Maybell Spell Statistics

09251000 Yampa River near Maybell				
	Observed Spells			
	Length of Spell (years)		Intensity of Spell (% of mean)	
	Drought	Surplus	Drought	Surplus
	6	5	-26%	48%
Alternative Hydrology Spells				
Case	Return Interval of historic spell length (years)		Average Annual Deficit/Surplus (% of mean)	
	Drought	Surplus	Drought	Surplus
Alternative Historical	31	14	-28%	31%
2040 Climate A	15	79	-30%	28%
2040 Climate B	56	21	-29%	34%
2040 Climate C	56	21	-28%	35%
2040 Climate D	--	6	--	51%
2040 Climate E	800	8	-21%	46%
2070 Climate F	24	51	-34%	29%
2070 Climate G	62	17	-29%	43%
2070 Climate H	66	15	-28%	41%
2070 Climate I	1120	8	-23%	44%
2070 Climate J	--	2	--	78%

Table C46. Little Snake River near Lily Spell Statistics

09260000 Little Snake River near Lily				
	Observed Spells			
	Length of Spell (years)		Intensity of Spell (% of mean)	
	Drought	Surplus	Drought	Surplus
	6	5	-34%	55%
Alternative Hydrology Spells				
Case	Return Interval of historic spell length (years)		Average Annual Deficit/Surplus (% of mean)	
	Drought	Surplus	Drought	Surplus
Alternative Historical	53	13	-36%	36%
2040 Climate A	10	165	-37%	20%
2040 Climate B	49	25	-36%	35%
2040 Climate C	40	35	-38%	32%
2040 Climate D	60	9	-24%	55%
2040 Climate E	82	7	-26%	53%
2070 Climate F	5	700	-36%	31%
2070 Climate G	42	49	-39%	39%
2070 Climate H	28	70	-37%	35%
2070 Climate I	56	13	-29%	44%
2070 Climate J	2800	3	-21%	71%

Table C47. Yampa River at Deerlodge Park Spell Statistics

09260050 Yampa River at Deerlodge Park				
	Observed Spells			
	Length of Spell (years)		Intensity of Spell (% of mean)	
	Drought	Surplus	Drought	Surplus
	6	5	-28%	56%
Alternative Hydrology Spells				
Case	Return Interval of historic spell length (years)		Average Annual Deficit/Surplus (% of mean)	
	Drought	Surplus	Drought	Surplus
Alternative Historical	31	14	-29%	35%
2040 Climate A	10	88	-33%	23%
2040 Climate B	50	14	-31%	31%
2040 Climate C	45	22	-31%	32%
2040 Climate D	295	7	-20%	52%
2040 Climate E	267	9	-21%	50%
2070 Climate F	12	89	-36%	23%
2070 Climate G	55	12	-34%	34%
2070 Climate H	34	20	-31%	34%
2070 Climate I	104	11	-25%	46%
2070 Climate J	--	3	--	73%

Table C48. North Fork White River at Buford Spell Statistics

09303000 North Fork White River at Buford, Co				
	Observed Spells			
	Length of Spell (years)		Intensity of Spell (% of mean)	
	Drought	Surplus	Drought	Surplus
	6	6	-18%	9%
Alternative Hydrology Spells				
Case	Return Interval of historic spell length (years)		Average Annual Deficit/Surplus (% of mean)	
	Drought	Surplus	Drought	Surplus
Alternative Historical	35	18	-21%	20%
2040 Climate A	10	1120	-30%	32%
2040 Climate B	21	104	-27%	24%
2040 Climate C	47	57	-29%	28%
2040 Climate D	170	18	-24%	28%
2040 Climate E	147	15	-15%	30%
2070 Climate F	20	137	-35%	41%
2070 Climate G	102	32	-33%	36%
2070 Climate H	137	20	-31%	38%
2070 Climate I	102	32	-24%	33%
2070 Climate J	--	4	--	59%

Table C49. South Fork White River at Buford Spell Statistics

09304000 South Fork White River at Buford				
	Observed Spells			
	Length of Spell (years)		Intensity of Spell (% of mean)	
	Drought	Surplus	Drought	Surplus
	5	6	-24%	29%
Alternative Hydrology Spells				
Case	Return Interval of historic spell length (years)		Average Annual Deficit/Surplus (% of mean)	
	Drought	Surplus	Drought	Surplus
Alternative Historical	21	14	-20%	18%
2040 Climate A	4	700	-33%	26%
2040 Climate B	13	110	-29%	21%
2040 Climate C	10	295	-30%	32%
2040 Climate D	33	27	-25%	29%
2040 Climate E	62	7	-16%	27%
2070 Climate F	6	1400	-40%	28%
2070 Climate G	19	60	-36%	26%
2070 Climate H	35	57	-37%	29%
2070 Climate I	22	39	-28%	26%
2070 Climate J	93	14	-24%	50%

Table C50. White River below Meeker Spell Statistics

09304800 White River below Meeker				
	Observed Spells			
	Length of Spell (years)		Intensity of Spell (% of mean)	
	Drought	Surplus	Drought	Surplus
	5	6	-23%	38%
Alternative Hydrology Spells				
Case	Return Interval of historic spell length (years)		Average Annual Deficit/Surplus (% of mean)	
	Drought	Surplus	Drought	Surplus
Alternative Historical	16	20	-21%	24%
2040 Climate A	3	933	-35%	20%
2040 Climate B	9	329	-26%	29%
2040 Climate C	4	800	-28%	32%
2040 Climate D	60	13	-26%	25%
2040 Climate E	48	8	-16%	31%
2070 Climate F	3	2800	-40%	13%
2070 Climate G	11	267	-32%	29%
2070 Climate H	18	224	-32%	32%
2070 Climate I	19	40	-26%	25%
2070 Climate J	175	6	-19%	49%

Table C51. Piceance Creek at White River Spell Statistics

09306222 Piceance Creek at White River				
	Observed Spells			
	Length of Spell (years)		Intensity of Spell (% of mean)	
	Drought	Surplus	Drought	Surplus
	10	5	-34%	138%
Alternative Hydrology Spells				
Case	Return Interval of historic spell length (years)		Average Annual Deficit/Surplus (% of mean)	
	Drought	Surplus	Drought	Surplus
Alternative Historical	67	24	-38%	78%
2040 Climate A	3	5600	-48%	35%
2040 Climate B	12	207	-37%	76%
2040 Climate C	6	431	-44%	54%
2040 Climate D	76	21	-39%	67%
2040 Climate E	88	13	-32%	92%
2070 Climate F	2	--	-53%	--
2070 Climate G	8	350	-45%	51%
2070 Climate H	6	431	-44%	57%
2070 Climate I	12	207	-36%	89%
2070 Climate J	200	18	-38%	80%

Table C52. White River near CO-UT State Line Spell Statistics

09306395 White River near CO-UT State Line				
	Observed Spells			
	Length of Spell (years)		Intensity of Spell (% of mean)	
	Drought	Surplus	Drought	Surplus
	6	6	-20%	43%
Alternative Hydrology Spells				
Case	Return Interval of historic spell length (years)		Average Annual Deficit/Surplus (% of mean)	
	Drought	Surplus	Drought	Surplus
Alternative Historical	36	12	-24%	24%
2040 Climate A	2	--	-31%	--
2040 Climate B	11	467	-25%	29%
2040 Climate C	4	700	-27%	24%
2040 Climate D	58	32	-23%	30%
2040 Climate E	62	8	-17%	34%
2070 Climate F	1	--	-37%	--
2070 Climate G	9	467	-30%	22%
2070 Climate H	11	431	-30%	23%
2070 Climate I	23	58	-26%	24%
2070 Climate J	467	8	-19%	43%

Appendix D: Crop Irrigation Requirement

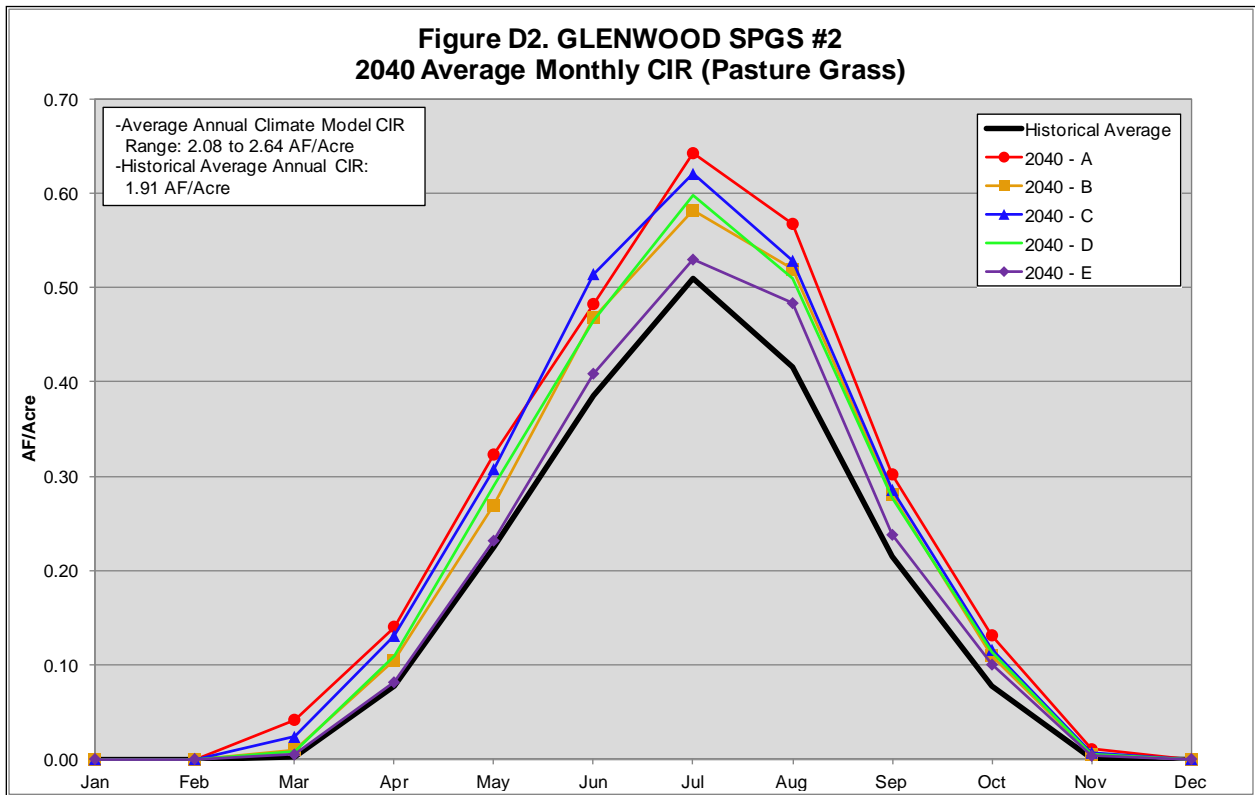
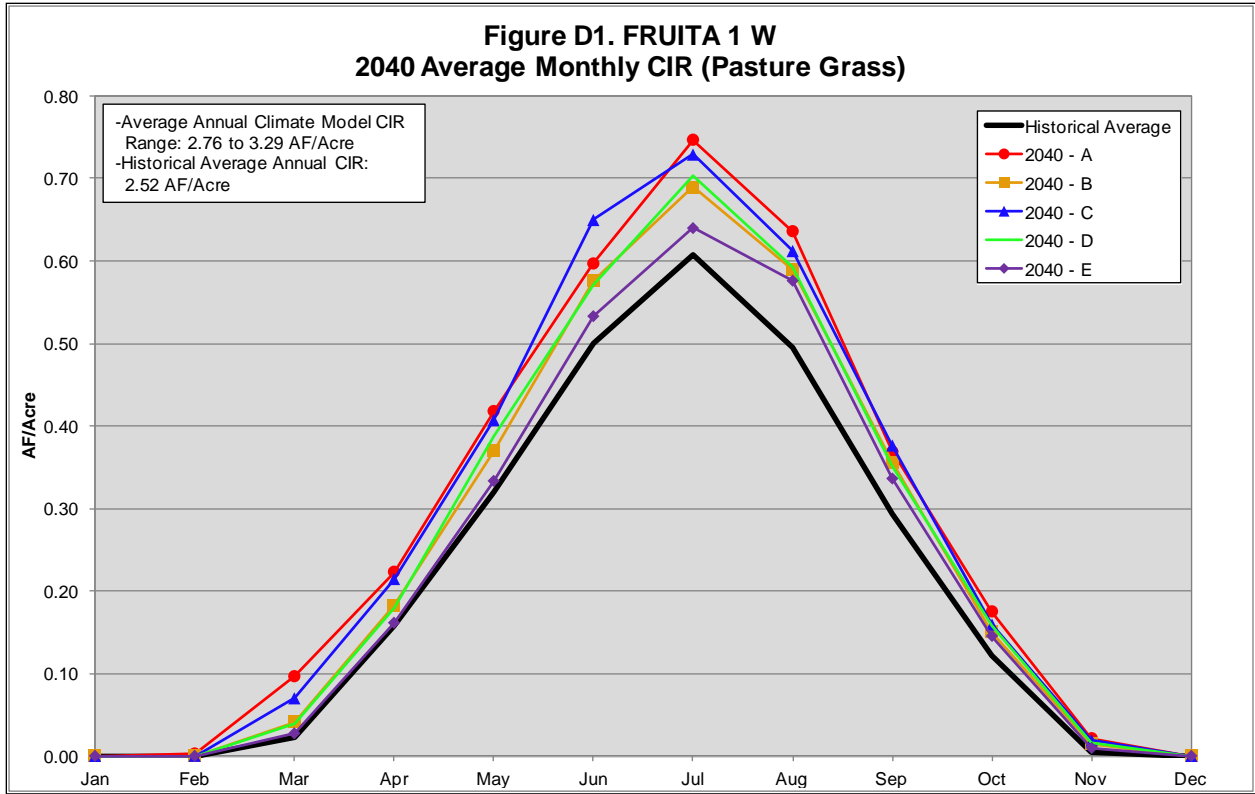


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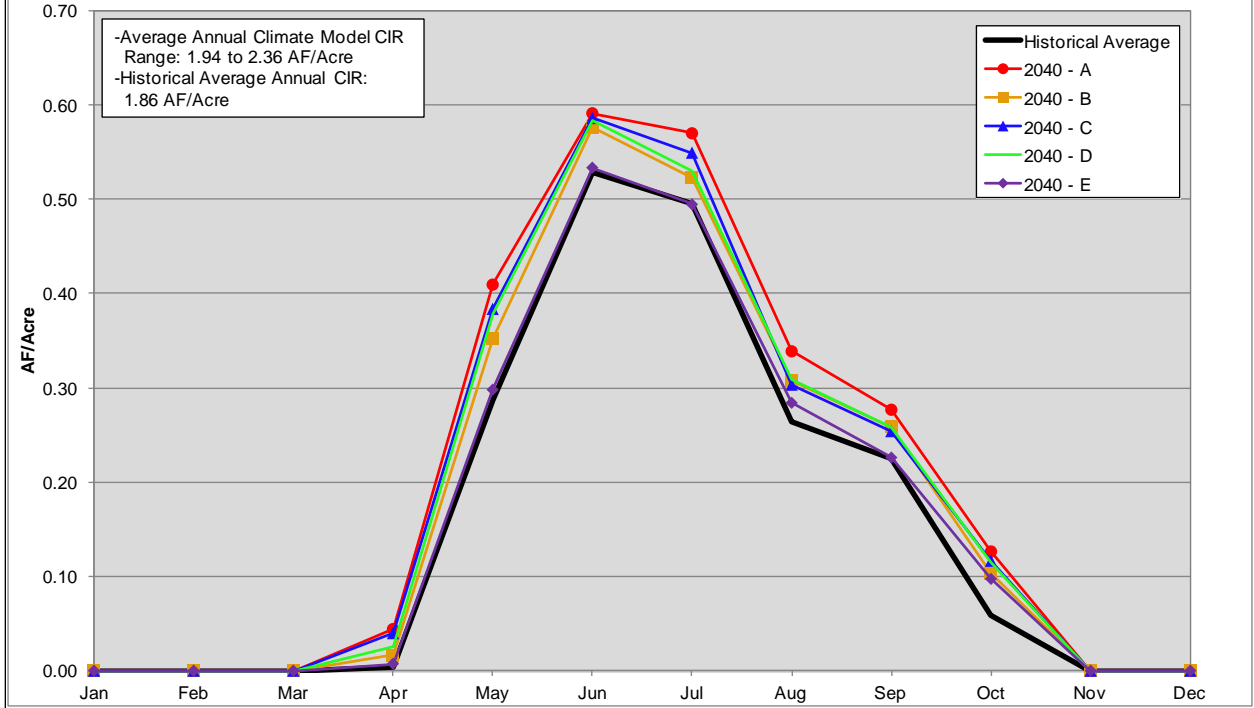
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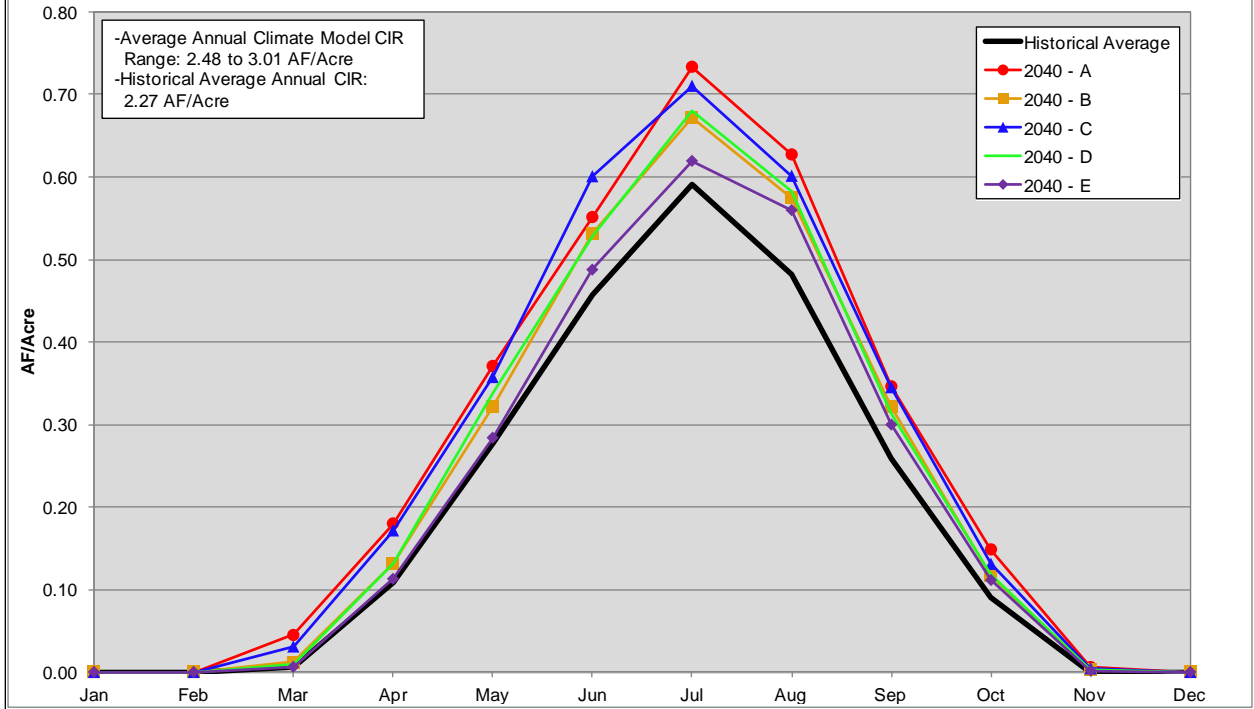
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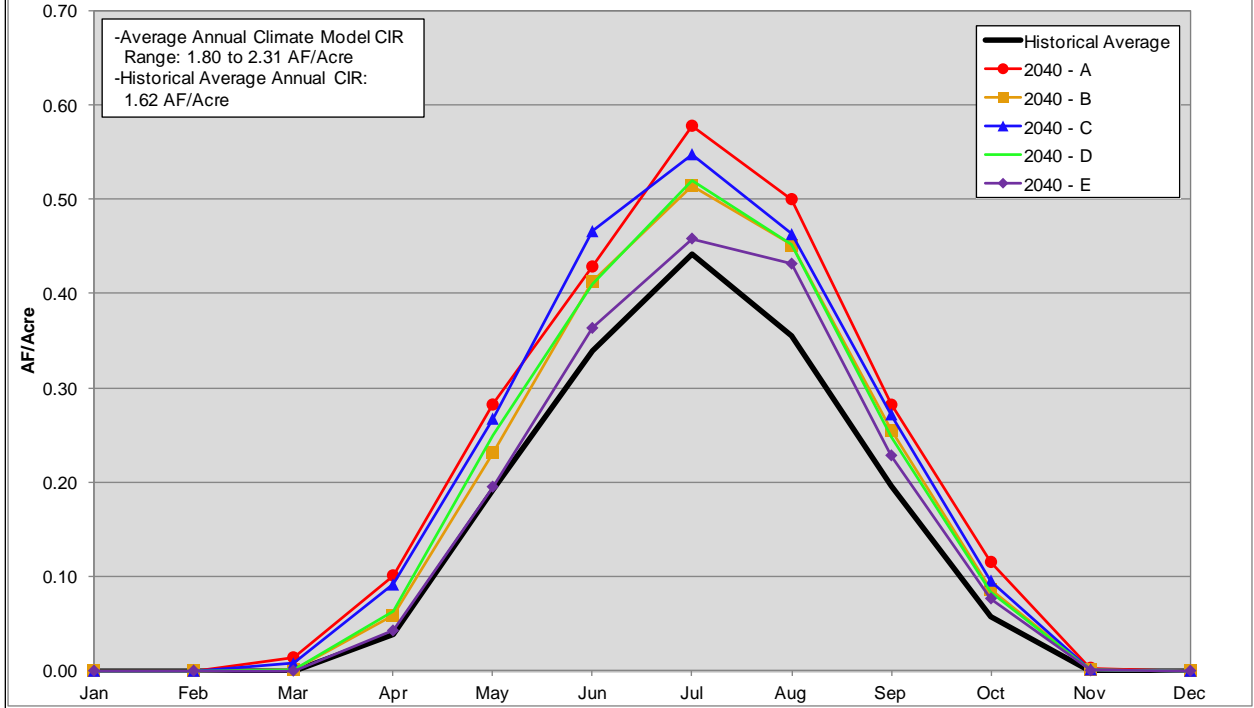
**Figure D3. GRAND LAKE 6 SSW
2040 Average Monthly CIR (Pasture Grass)**



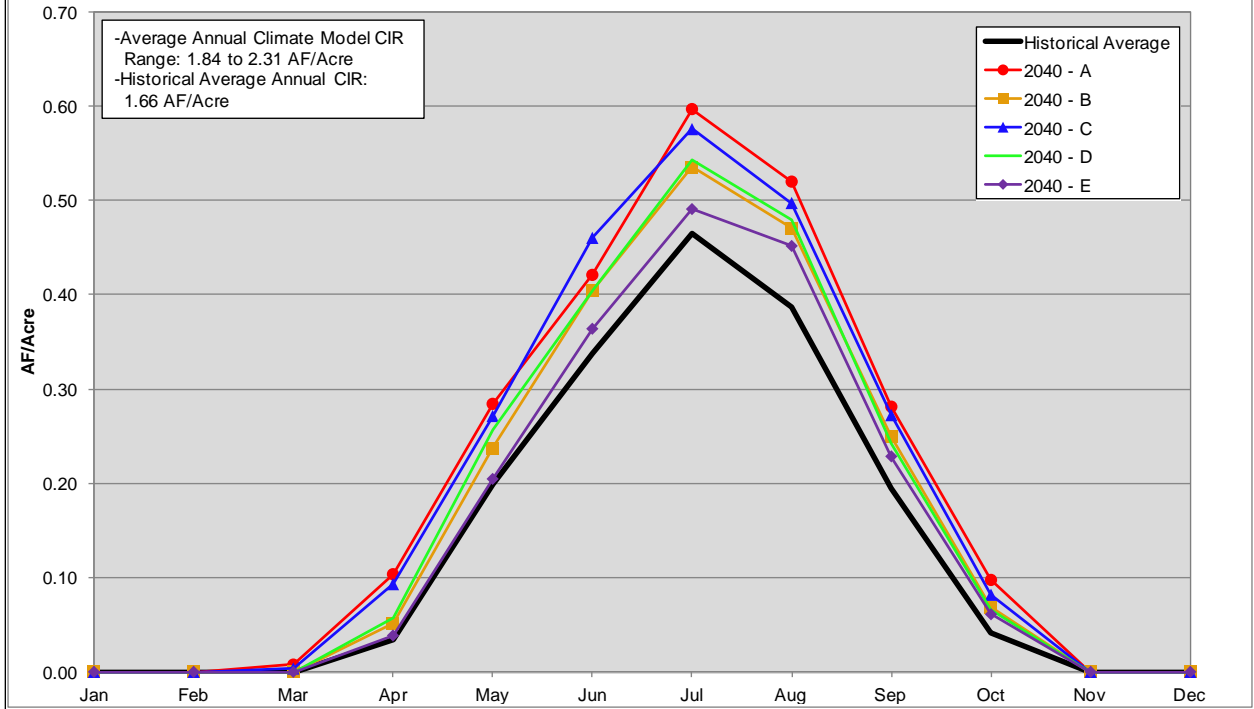
**Figure D4. RANGELY 1 E
2040 Average Monthly CIR (Pasture Grass)**



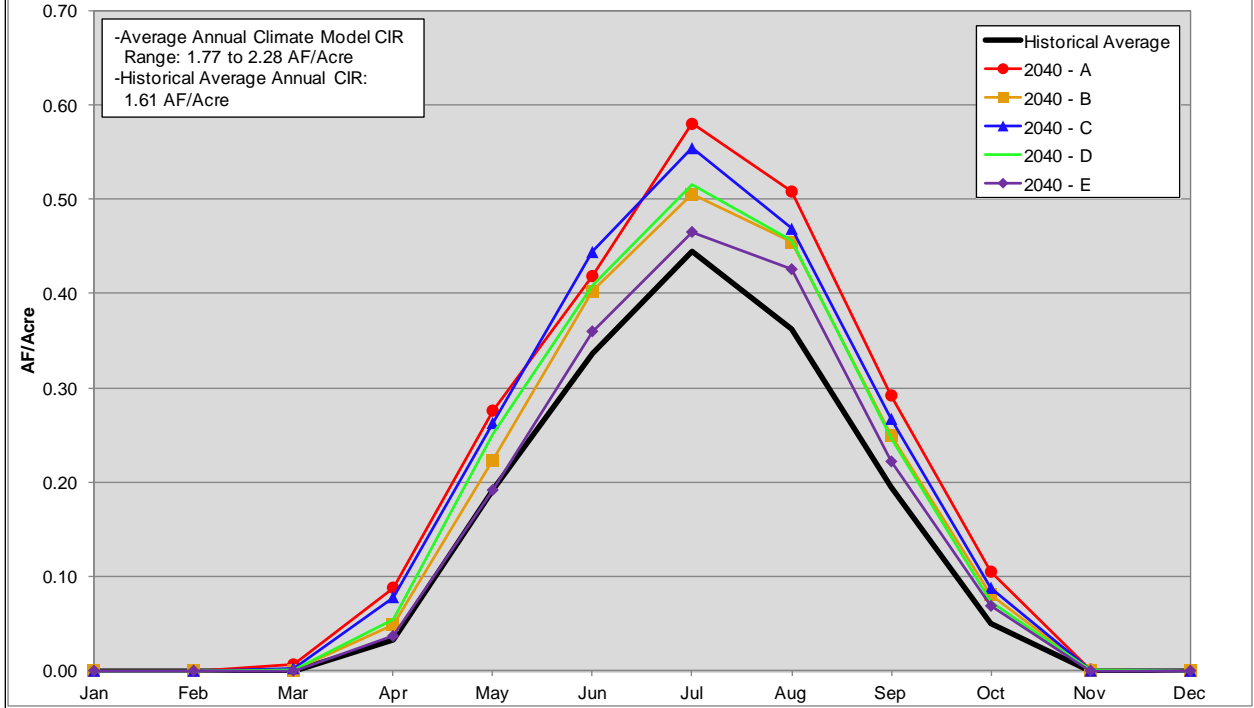
**Figure D5. MEEKER 3 W
2040 Average Monthly CIR (Pasture Grass)**



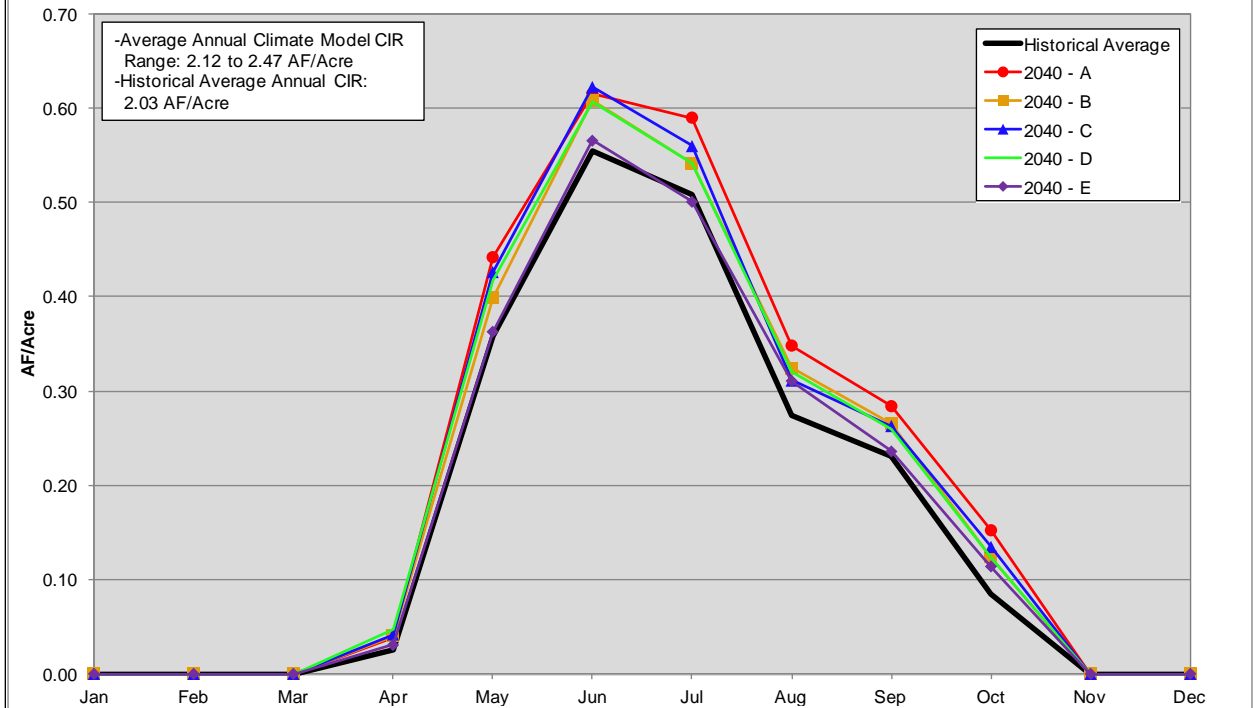
**Figure D6. MAYBELL
2040 Average Monthly CIR (Pasture Grass)**

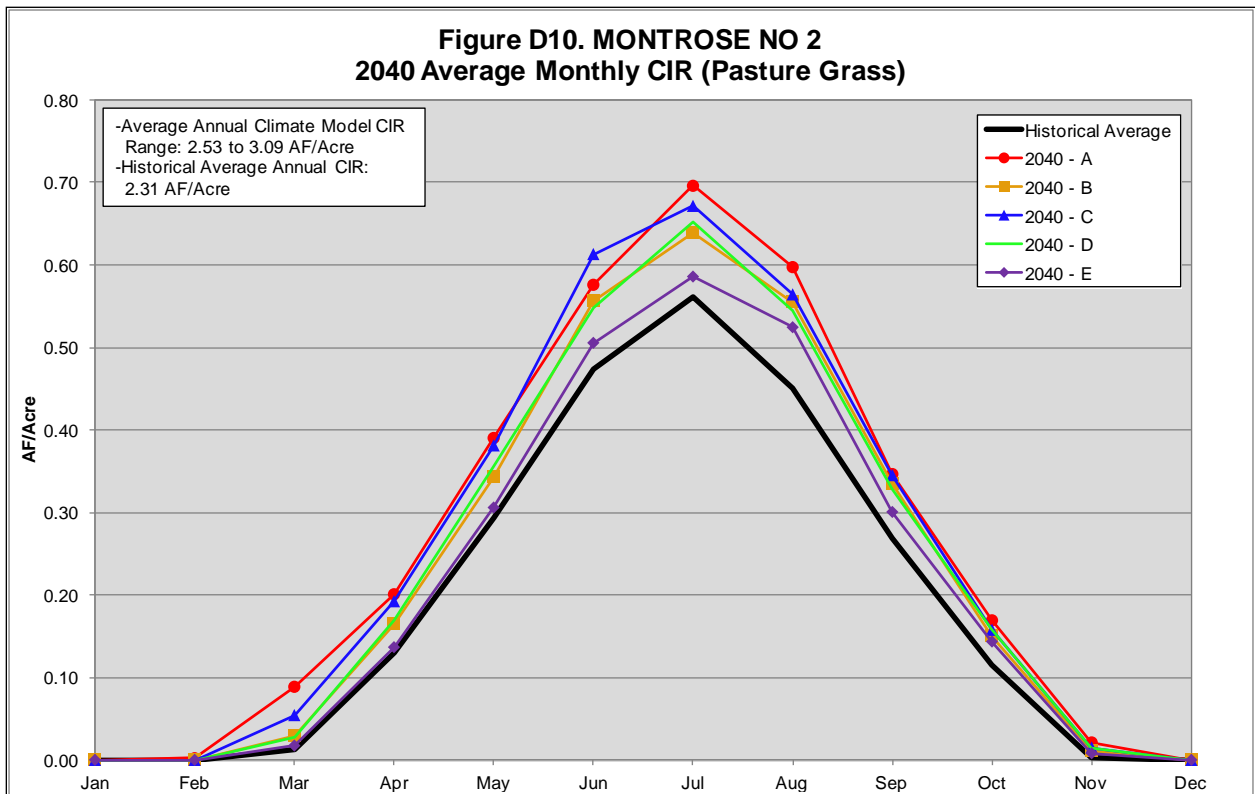
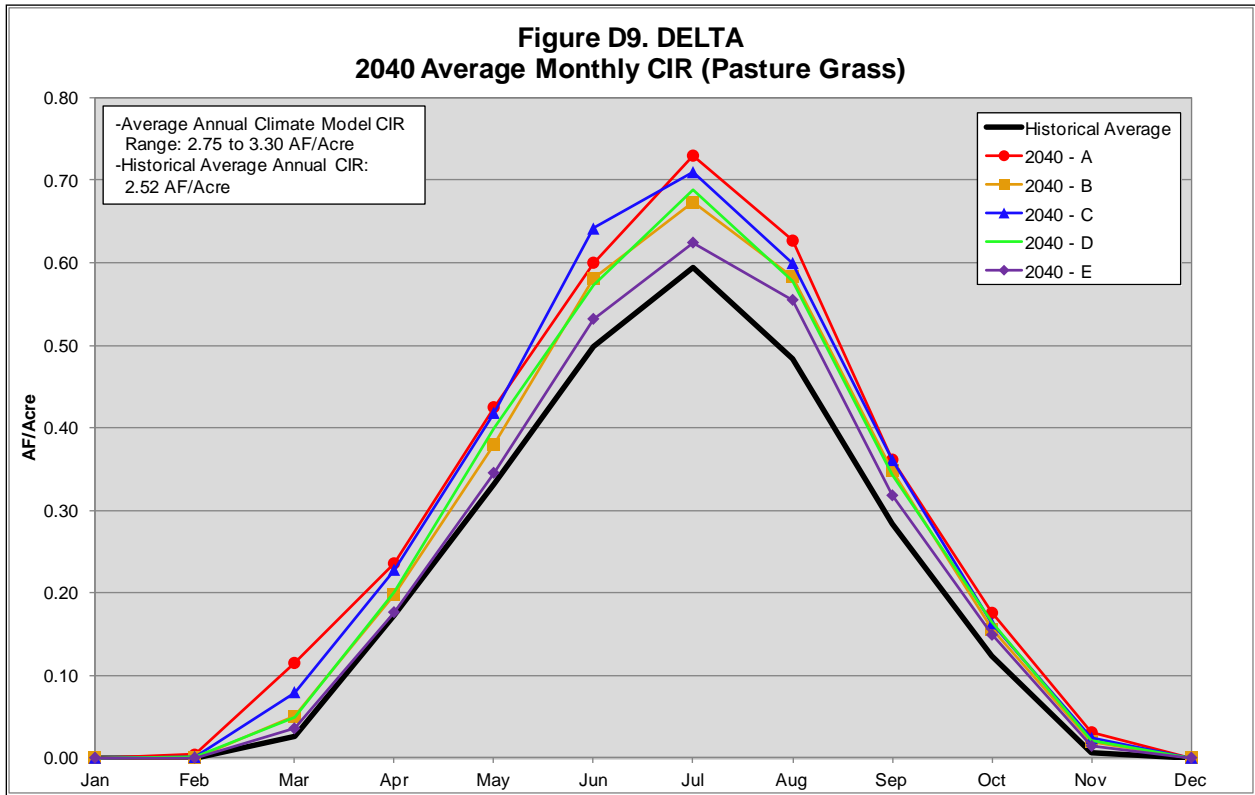


**Figure D7. HAYDEN
2040 Average Monthly CIR (Pasture Grass)**

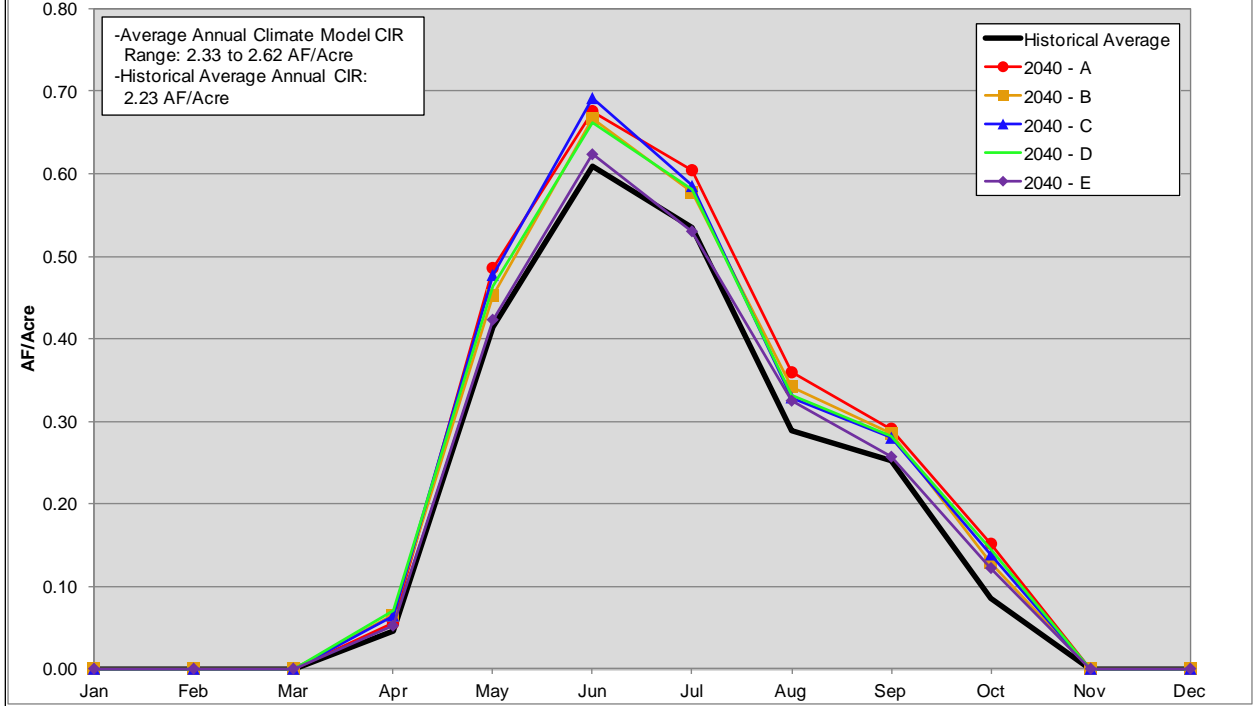


**Figure D8. YAMPA
2040 Average Monthly CIR (Pasture Grass)**

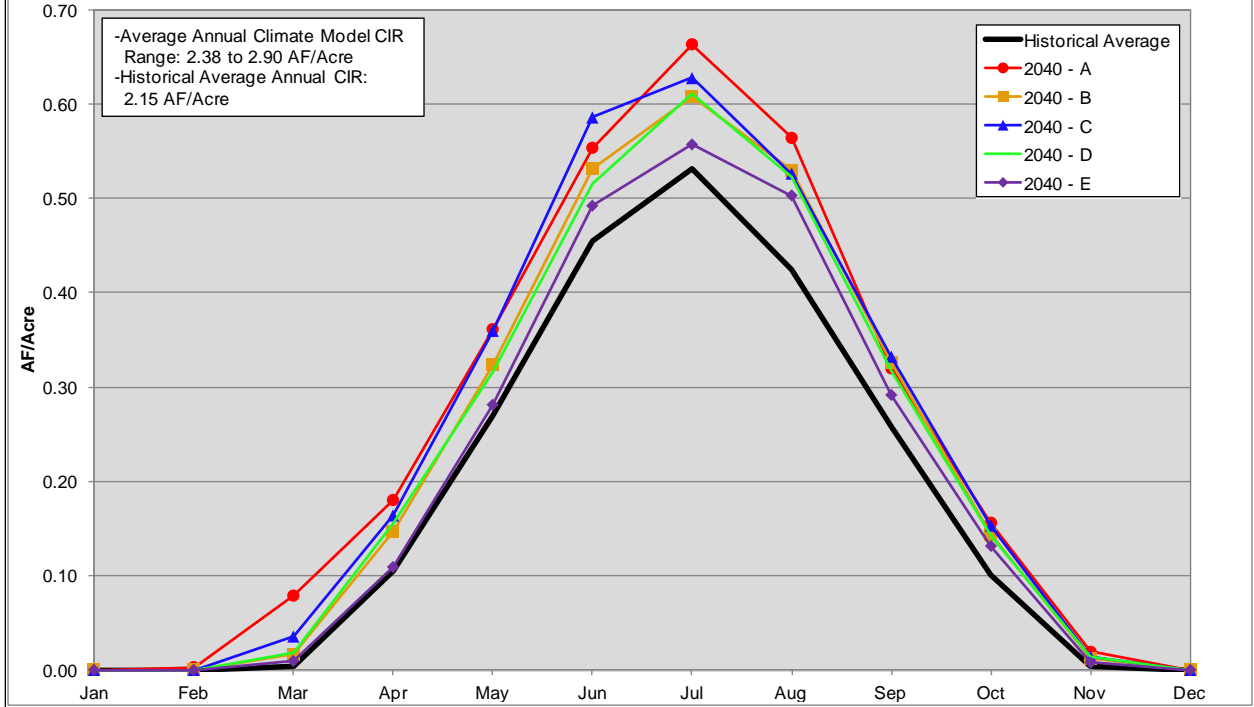




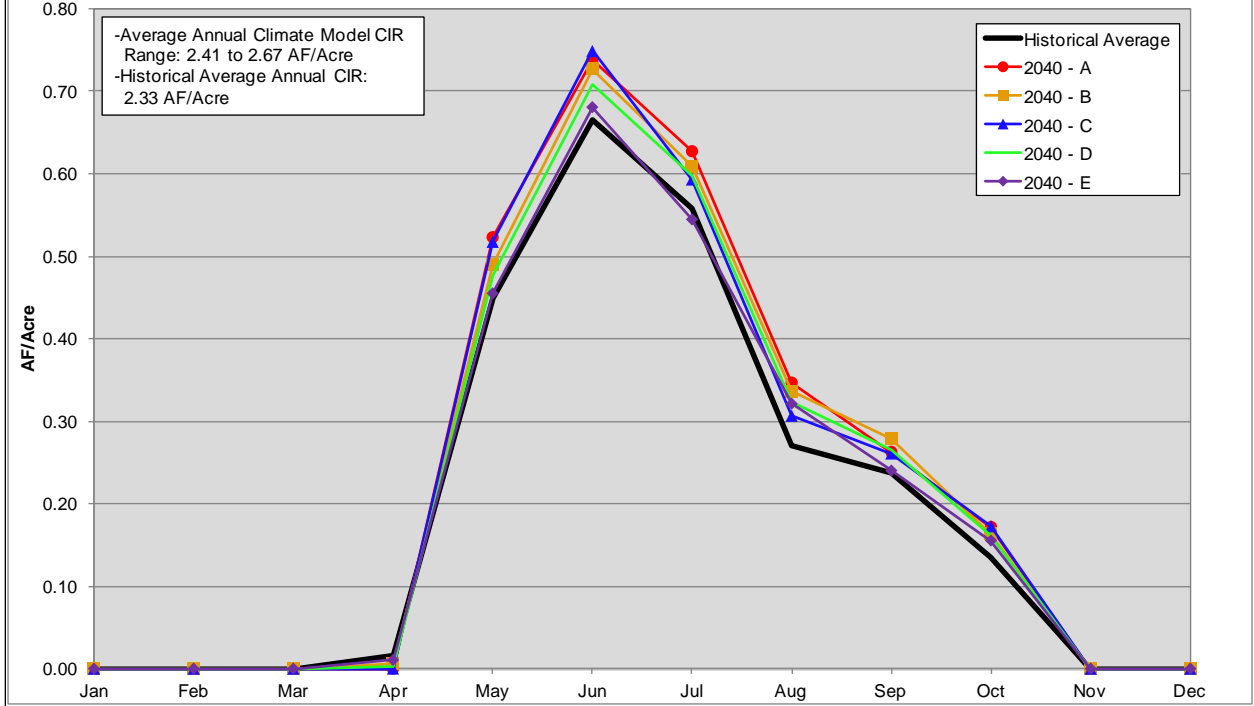
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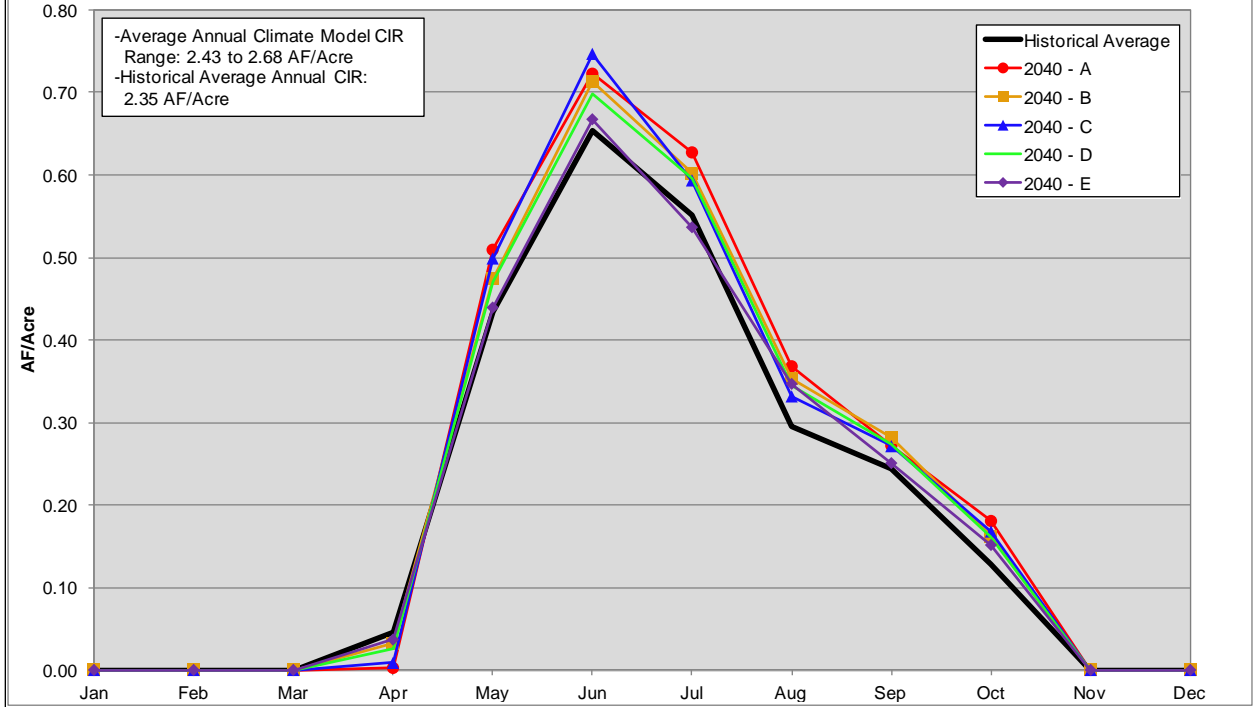
**Figure D12. CORTEZ
2040 Average Monthly CIR (Pasture Grass)**



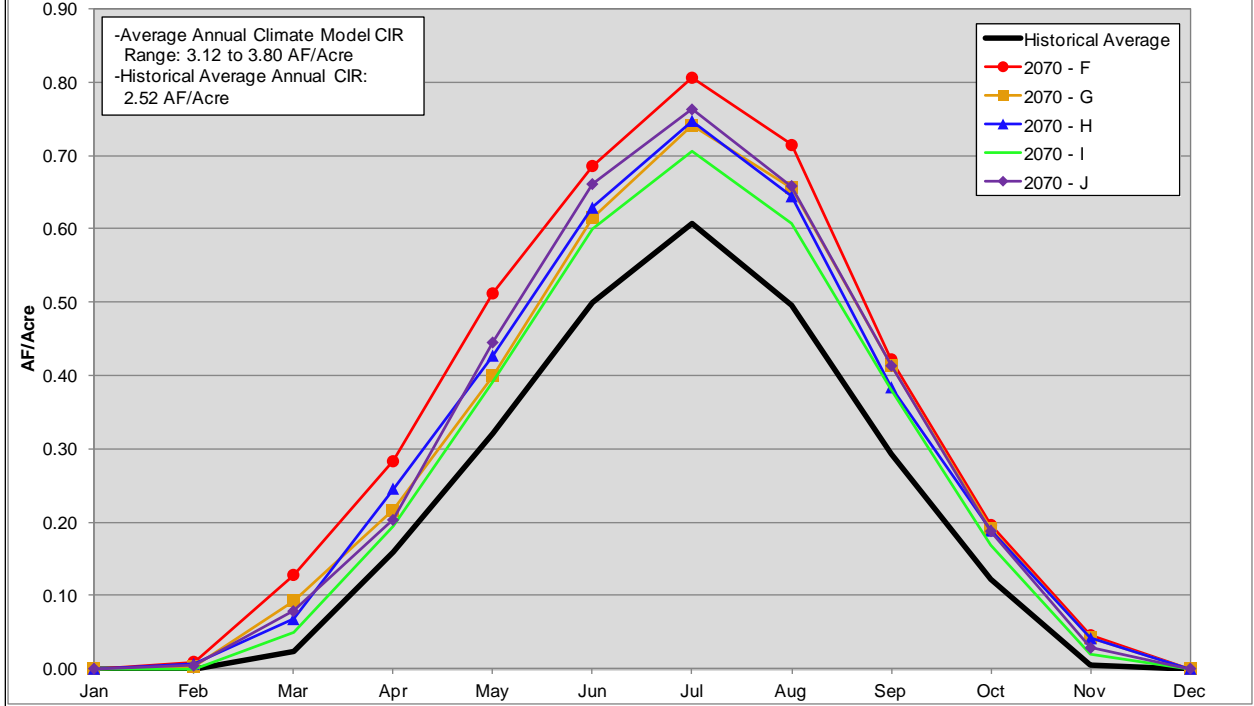
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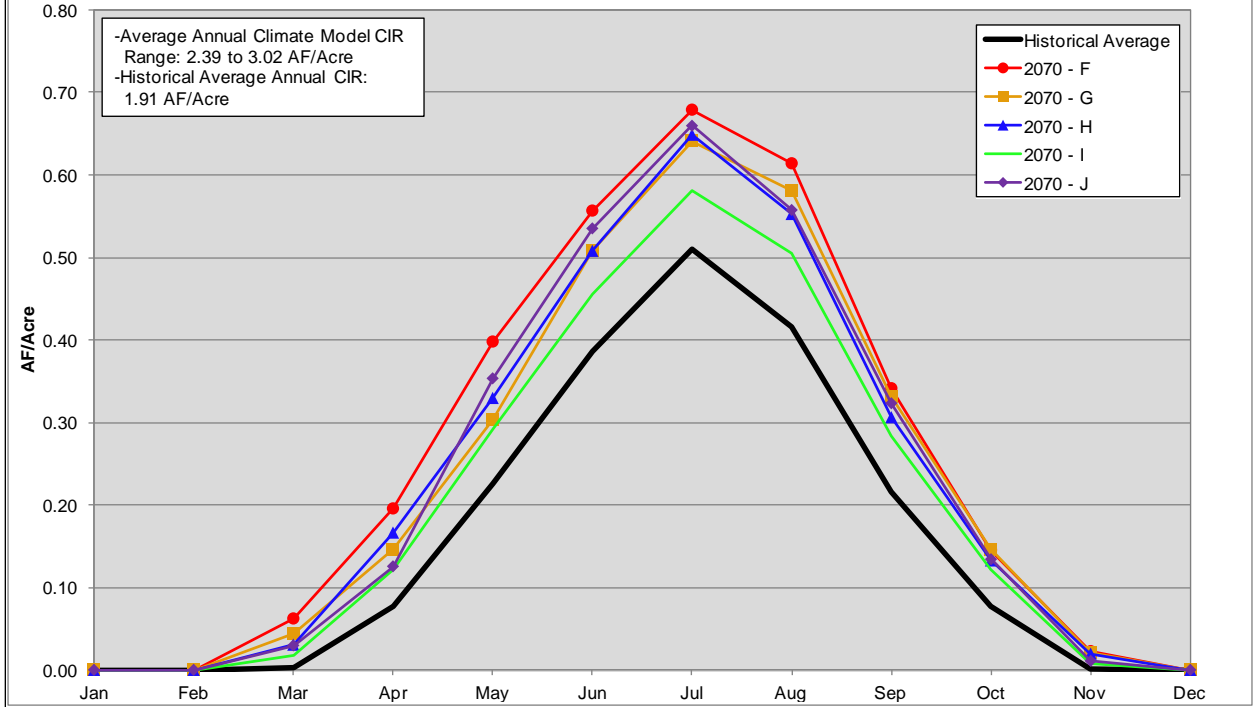
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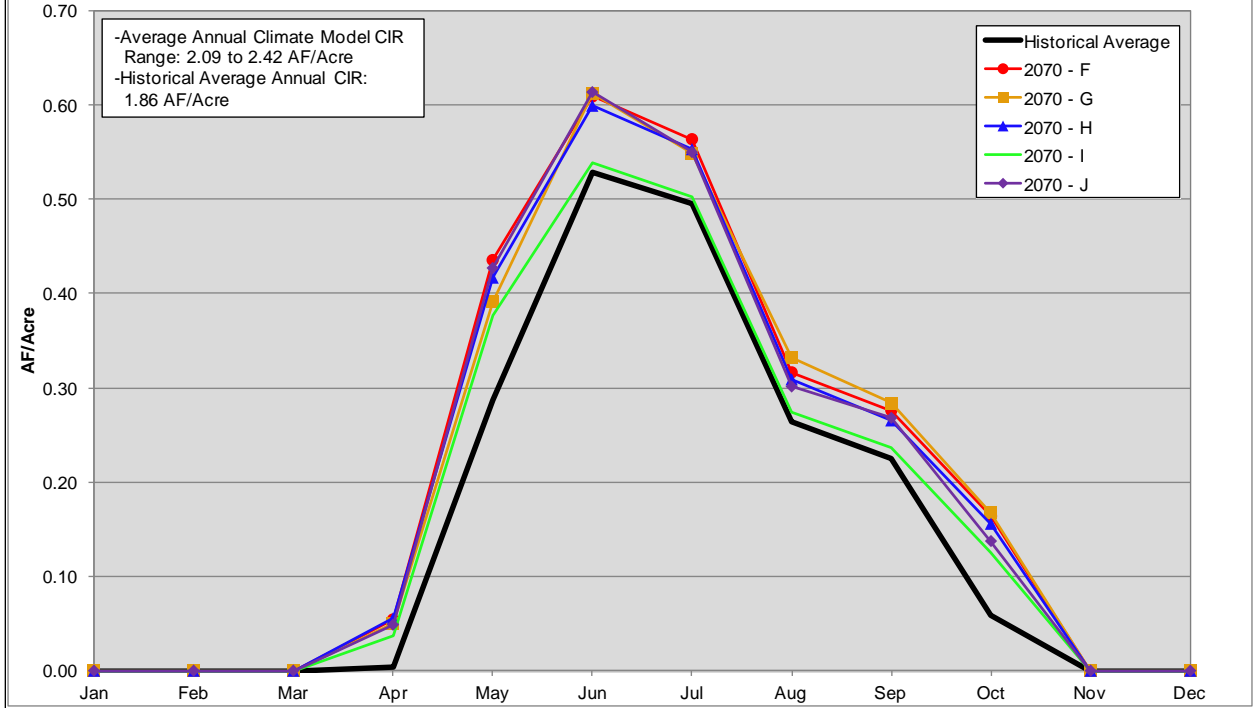
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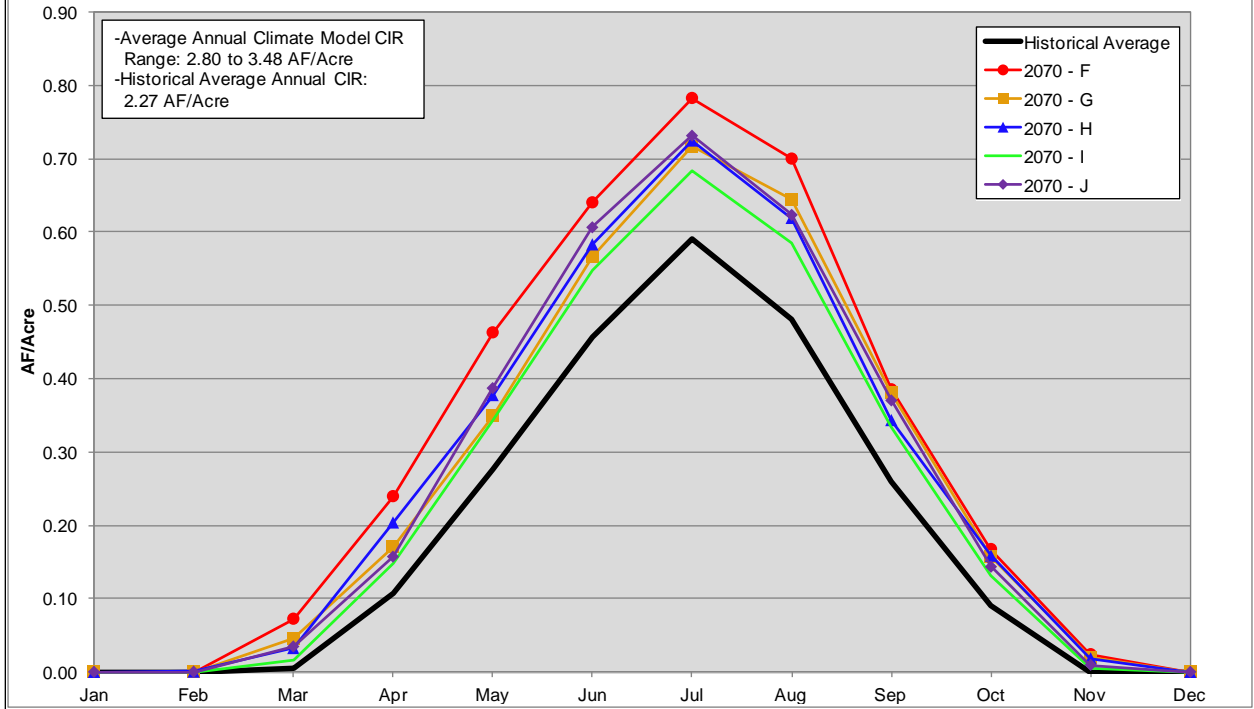
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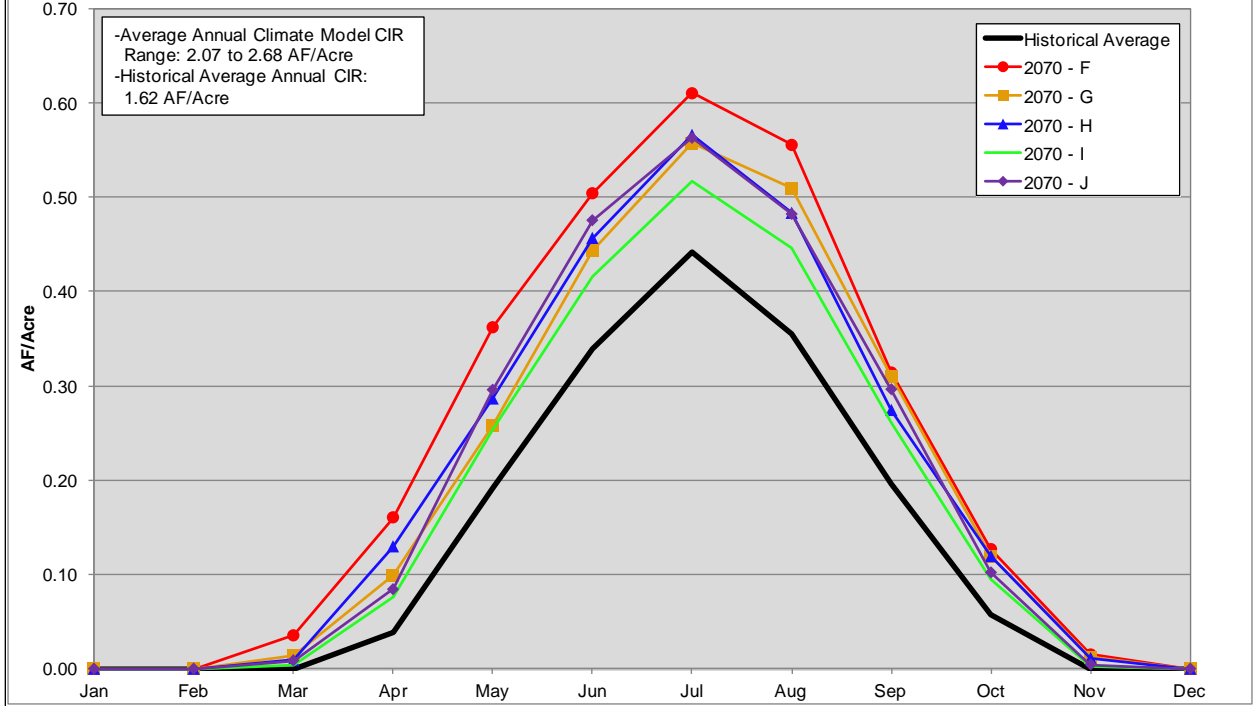
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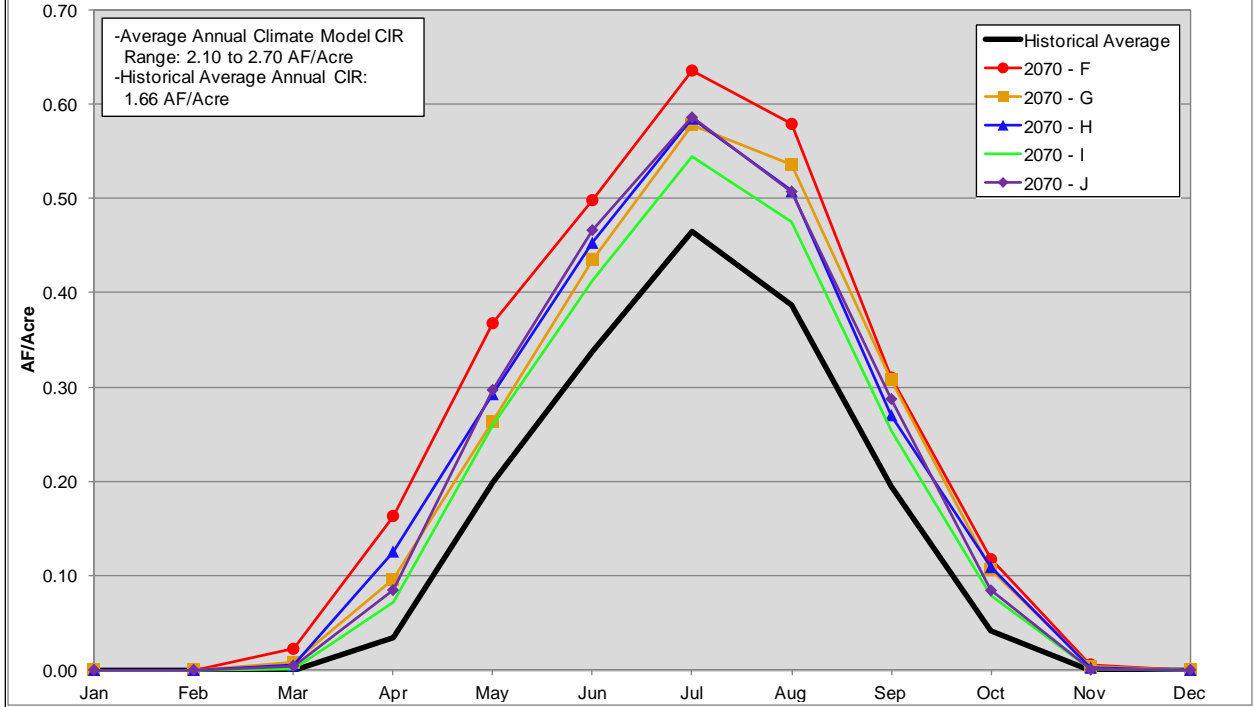
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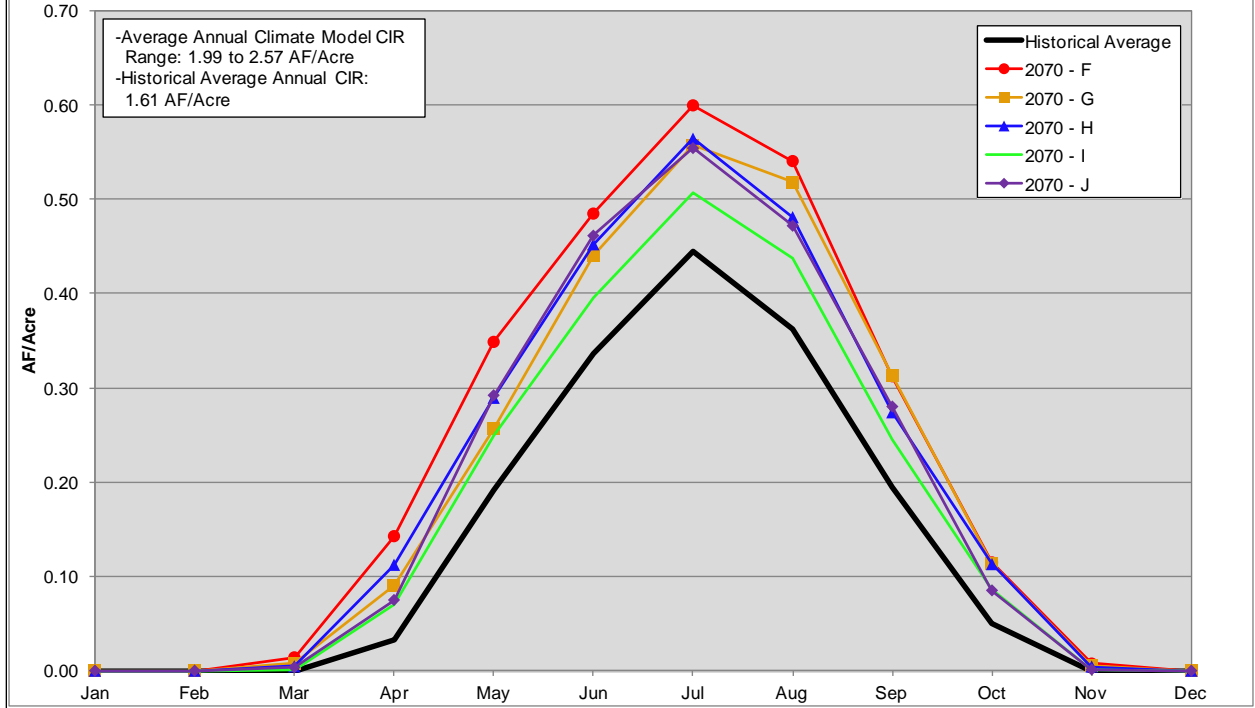
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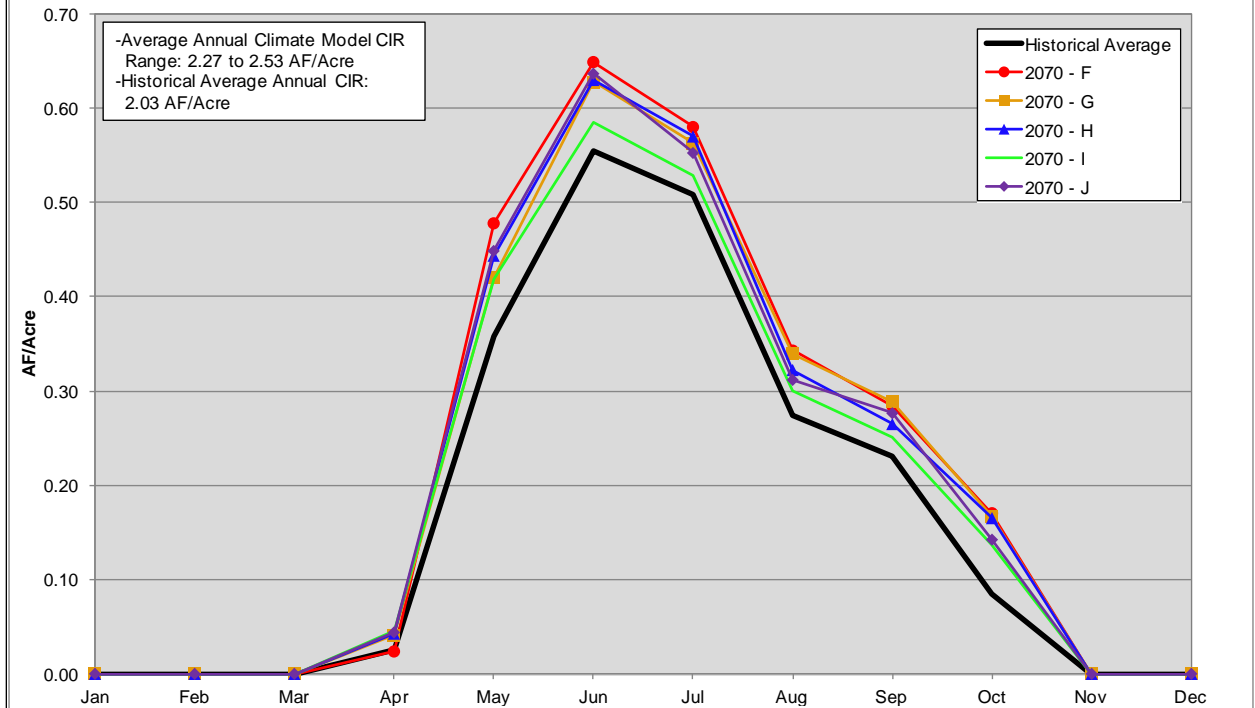
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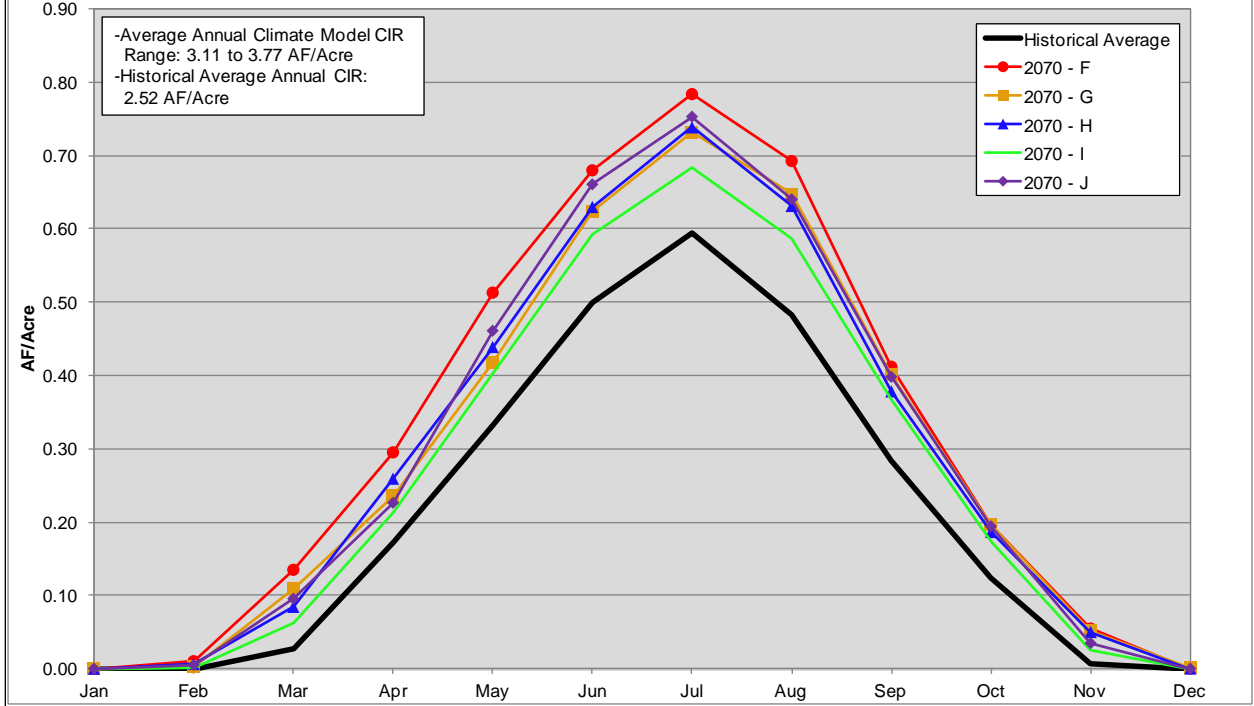
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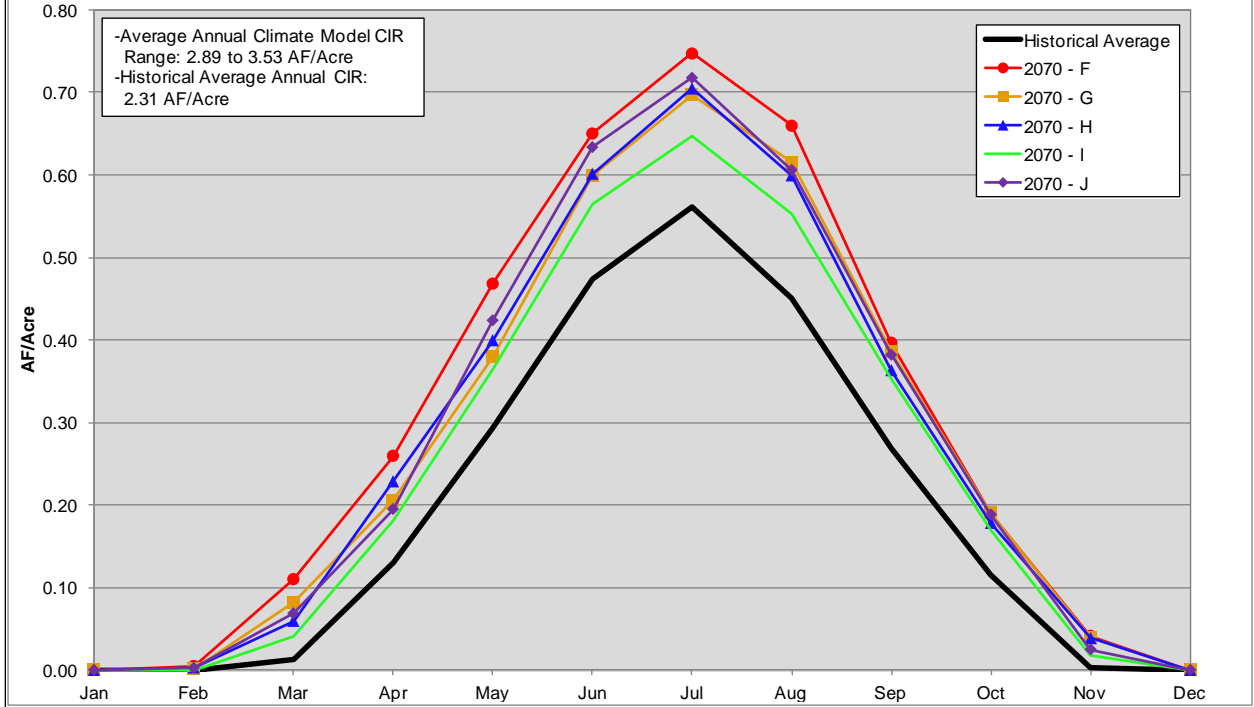
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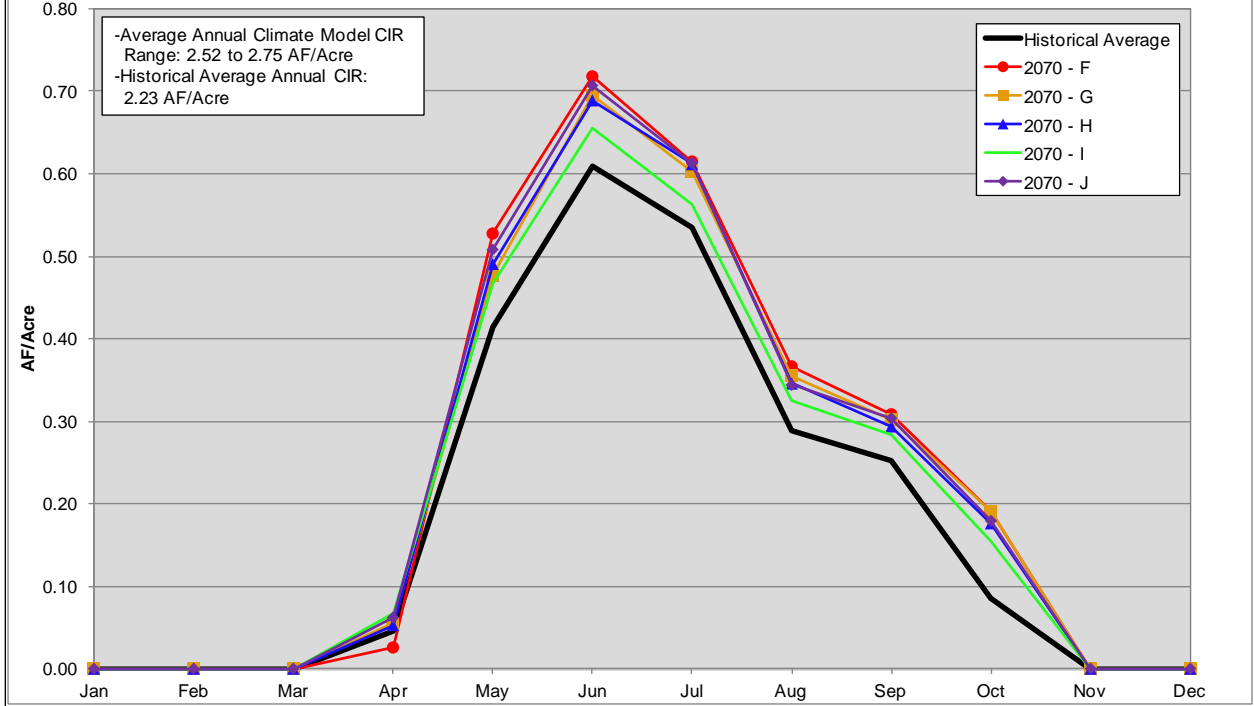
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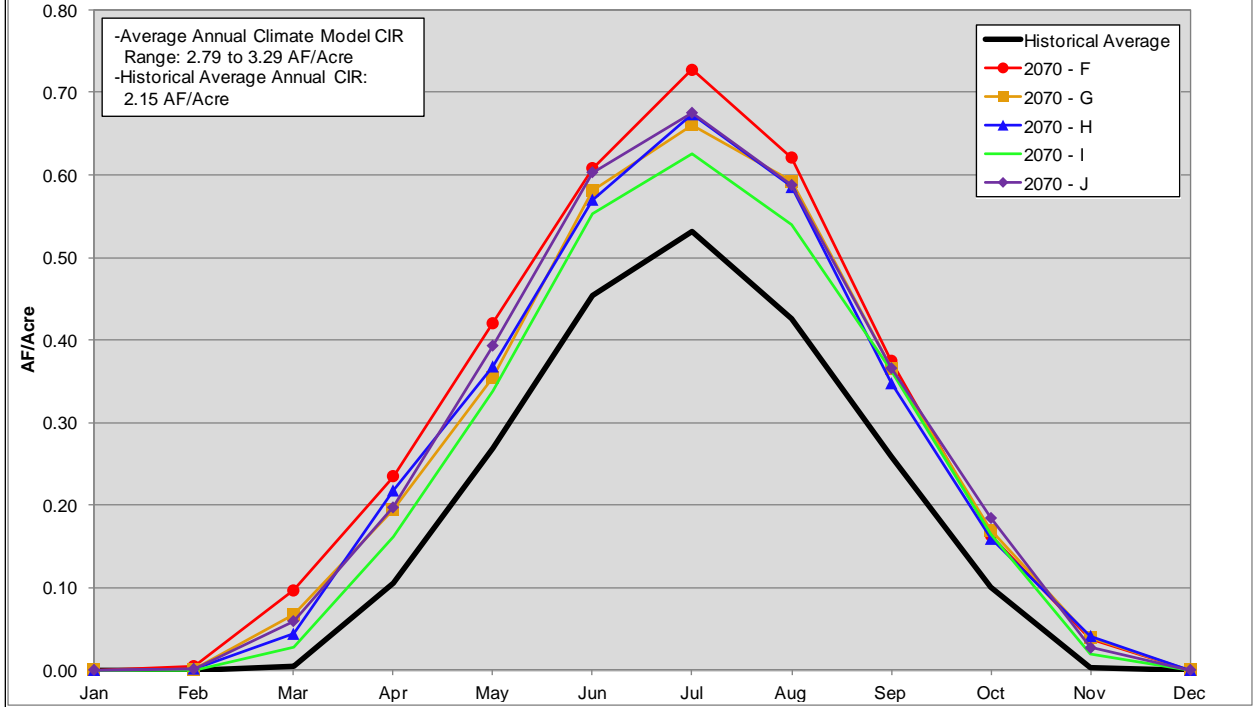
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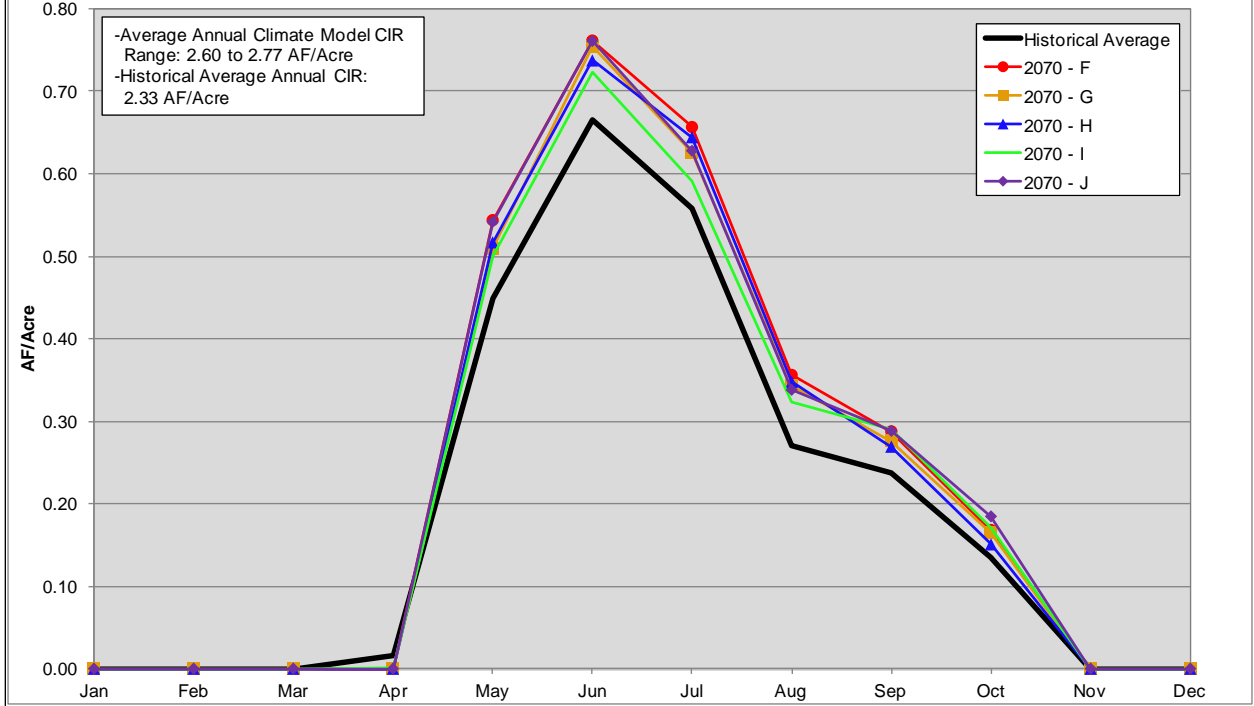
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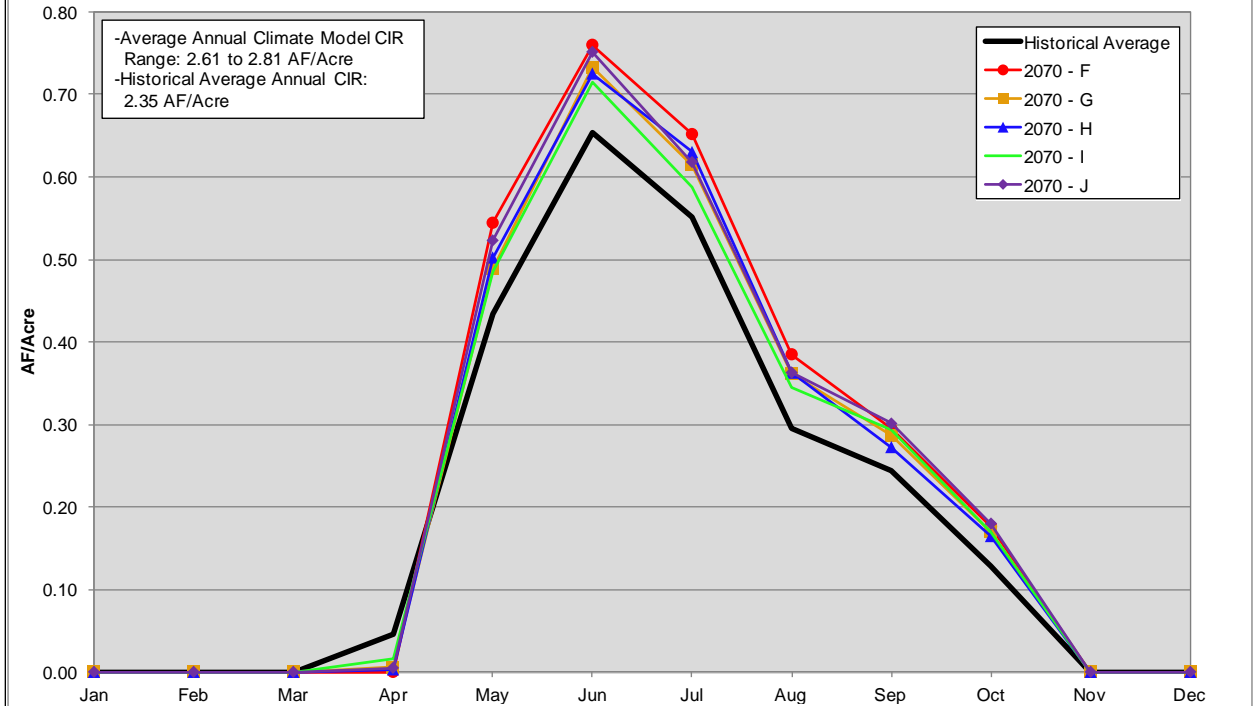
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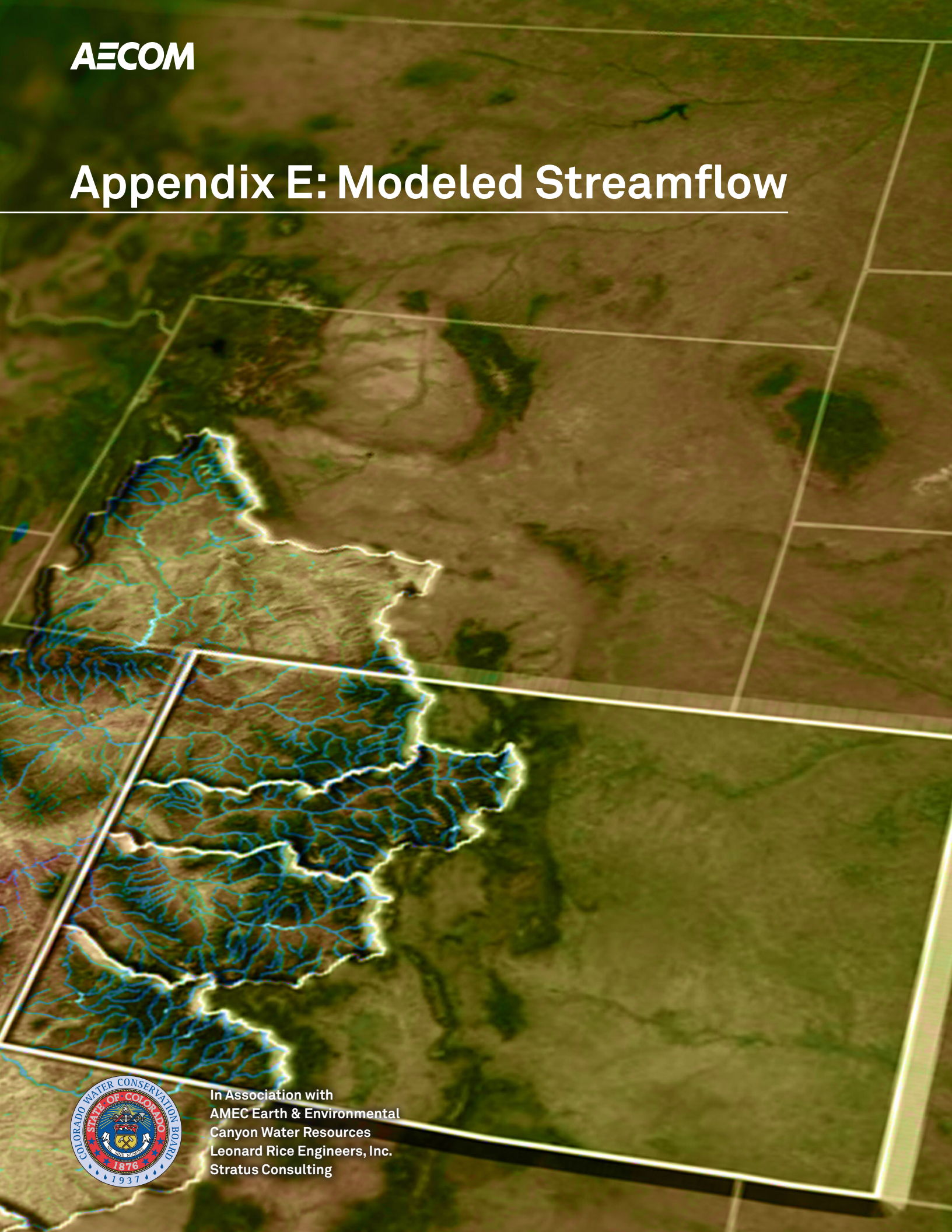
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**Figure D28. NORWOOD
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Appendix E: Modeled Streamflow



In Association with
AMEC Earth & Environmental
Canyon Water Resources
Leonard Rice Engineers, Inc.
Stratus Consulting

E. Modeled Streamflow

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Table E1. 2040 Upper Colorado River Basin Average Monthly Modeled Streamflow

2040 Climate Projections		Average Monthly Modeled Streamflow (AF)													Reduction in Avg Annual Modeled Streamflow	
USGS #	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	AF	Percent
Model																
09011000	Colorado River Near Grand Lake															
	Historical	1,020	893	1,026	3,073	13,089	22,307	5,522	2,222	1,335	2,044	1,517	1,126	55,174	N/A	N/A
	2040 - A	707	700	1,108	5,881	25,230	11,532	402	242	205	691	814	739	48,250	6,925	13%
	2040 - B	830	771	959	3,537	17,819	19,850	1,337	786	529	1,170	1,069	910	49,568	5,607	10%
	2040 - C	906	838	1,065	5,119	28,910	19,998	692	609	571	1,290	1,198	1,004	62,200	-7,026	-13%
	2040 - D	951	878	1,073	3,703	24,791	24,946	1,385	833	559	1,276	1,261	1,060	62,715	-7,541	-14%
	2040 - E	1,137	1,000	1,159	3,582	16,711	29,736	5,824	2,354	1,436	2,153	1,701	1,328	68,120	-12,945	-23%
09041500	Muddy Creek At Kremmling															
	Historical	914	769	1,992	5,543	17,660	17,436	3,462	4,631	6,350	2,660	1,094	955	63,465	N/A	N/A
	2040 - A	800	790	2,284	3,862	16,804	4,843	835	9,495	4,216	2,624	888	781	48,220	15,245	24%
	2040 - B	798	713	2,026	3,943	19,518	13,702	1,318	7,517	6,107	2,314	956	819	59,729	3,736	6%
	2040 - C	846	773	2,113	4,599	27,094	9,650	968	7,022	6,033	2,114	1,006	864	63,083	382	1%
	2040 - D	944	822	2,143	4,698	31,306	17,699	1,344	6,506	6,357	2,225	1,082	942	76,068	-12,603	-20%
	2040 - E	953	839	1,968	5,787	28,365	24,140	3,451	4,759	6,915	1,323	971	979	80,451	-16,986	-27%
09050700	Blue River Below Dillon															
	Historical	4,250	3,820	4,638	3,683	14,844	46,510	27,783	9,689	5,013	4,591	4,590	4,448	133,860	N/A	N/A
	2040 - A	3,301	3,315	5,126	3,735	15,569	22,974	10,394	11,760	3,817	3,410	3,344	3,299	90,044	43,816	33%
	2040 - B	3,581	3,359	4,651	3,439	16,094	37,402	17,234	8,389	3,993	3,557	3,732	3,612	109,042	24,818	19%
	2040 - C	3,949	3,700	4,994	3,961	25,452	39,289	16,377	7,974	4,075	3,672	3,967	3,928	121,338	12,521	9%
	2040 - D	3,883	3,651	4,868	3,647	23,061	43,615	18,200	7,160	3,925	3,563	3,911	3,908	123,392	10,468	8%
	2040 - E	4,490	4,001	4,757	4,124	20,552	70,503	30,819	10,406	5,007	4,541	4,557	4,639	168,397	-34,538	-26%
09057500	Blue River Below Green Mountain Reservoir															
	Historical	17,780	16,932	19,060	8,425	5,886	52,610	57,040	25,716	22,528	20,001	18,540	18,008	282,528	N/A	N/A
	2040 - A	10,692	10,681	14,597	6,029	12,001	31,773	39,704	27,959	15,624	11,671	10,799	10,618	202,148	80,380	28%
	2040 - B	14,119	13,698	16,588	7,150	8,506	46,237	42,603	27,491	19,363	15,376	14,551	14,076	239,757	42,771	15%
	2040 - C	13,501	13,083	16,123	5,476	18,554	52,944	45,654	31,892	18,639	14,592	13,873	13,385	257,717	24,811	9%
	2040 - D	15,251	14,834	17,801	6,022	15,074	57,752	45,302	27,708	19,840	16,348	15,527	15,160	266,618	15,909	6%
	2040 - E	18,953	18,138	20,475	5,910	10,124	93,910	62,867	29,141	23,847	20,692	19,448	19,124	342,629	-60,101	-21%
09070000	Eagle River Below Gypsum															
	Historical	10,630	9,310	11,263	19,598	74,596	131,378	59,403	23,965	16,126	15,915	12,925	11,420	396,530	N/A	N/A
	2040 - A	8,588	8,491	14,348	29,366	79,791	71,804	25,110	11,815	9,732	9,671	9,322	8,592	286,630	109,899	28%
	2040 - B	9,078	8,441	11,372	22,828	84,683	115,179	38,926	16,053	11,594	11,349	10,221	9,306	349,029	47,500	12%
	2040 - C	9,870	9,329	13,122	28,665	96,254	94,304	29,938	14,354	11,535	11,846	10,907	10,042	340,166	56,364	14%
	2040 - D	10,329	9,807	12,953	25,160	102,897	120,075	38,388	16,364	11,952	12,040	11,252	10,513	381,729	14,801	4%
	2040 - E	11,862	10,583	13,073	23,525	92,955	162,254	64,752	25,479	16,729	16,245	13,931	12,592	463,981	-67,452	-17%
09070500	Colorado River At Dotsero															
	Historical	53,637	49,932	62,776	83,914	215,539	369,898	193,475	98,737	73,620	71,243	62,837	55,810	1,391,419	N/A	N/A
	2040 - A	39,427	40,584	67,654	109,229	219,240	192,327	89,133	78,127	48,290	43,574	43,005	39,179	1,009,771	381,648	27%
	2040 - B	45,313	43,821	60,358	90,043	242,065	322,743	126,068	87,249	58,263	52,689	50,454	45,692	1,224,758	166,661	12%
	2040 - C	47,277	46,120	65,948	109,098	299,446	306,996	109,099	87,476	58,543	53,401	52,486	47,470	1,283,361	108,058	8%
	2040 - D	51,314	50,036	67,648	98,931	323,273	387,094	133,169	87,720	60,565	55,749	55,859	51,446	1,422,803	-31,384	-2%
	2040 - E	59,359	55,694	70,705	93,680	286,983	527,306	221,441	105,793	77,288	71,067	67,704	61,313	1,698,332	-306,913	-22%
09073400	Roaring Fork River Near Aspen															
	Historical	1,521	1,329	1,533	2,715	10,928	16,213	8,780	3,263	2,670	2,464	1,835	1,693	54,944	N/A	N/A
	2040 - A	1,068	996	1,368	3,566	18,982	11,928	3,645	2,702	1,768	1,348	1,035	1,088	49,495	5,449	10%
	2040 - B	1,186	1,082	1,306	2,666	14,188	16,911	5,220	2,405	1,945	1,613	1,217	1,236	50,975	3,969	7%
	2040 - C	1,244	1,136	1,418	3,466	21,321	15,142	3,913	2,257	1,957	1,706	1,309	1,313	56,182	-1,238	-2%
	2040 - D	1,286	1,173	1,409	2,924	19,875	19,234	5,007	2,460	1,996	1,765	1,363	1,361	59,854	-4,910	-9%
	2040 - E	1,608	1,407	1,630	3,019	14,413	24,292	9,992	3,728	2,817	2,640	1,971	1,803	69,320	-14,376	-26%

Table E1. 2040 Upper Colorado River Basin Average Monthly Modeled Streamflow (cont.)

2040 Climate Projections		Average Monthly Modeled Streamflow (AF)													Reduction in Avg Annual Modeled Streamflow	
USGS #	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	AF	Percent
Model																
09085000	Roaring Fork River At Glenwood															
	Historical	23,640	20,689	26,348	46,486	128,914	223,606	135,092	66,090	51,443	44,311	28,267	25,811	820,697	N/A	N/A
	2040 - A	18,487	17,170	25,986	58,518	186,562	163,017	49,971	29,977	29,524	28,557	20,450	19,370	647,587	173,110	21%
	2040 - B	19,992	18,090	24,392	48,684	162,844	232,640	87,216	42,095	36,567	32,901	22,505	21,125	749,050	71,647	9%
	2040 - C	20,769	18,871	26,154	57,958	207,908	195,411	52,651	35,883	36,441	34,229	23,624	22,048	731,949	88,749	11%
	2040 - D	21,737	19,951	26,937	53,777	208,512	241,116	84,530	42,692	38,904	35,073	24,609	23,068	820,906	-209	0%
	2040 - E	25,263	22,276	28,938	54,366	163,619	280,058	144,382	67,040	54,083	45,313	30,372	27,719	943,430	-122,732	-15%
09095500	Colorado River Near Cameo															
	Historical	92,574	86,994	109,879	155,863	436,461	683,323	348,172	172,776	136,278	132,530	106,762	97,096	2,558,708	N/A	N/A
	2040 - A	69,246	71,572	110,480	177,444	463,893	411,895	139,409	107,372	84,566	84,231	76,123	70,386	1,866,616	692,092	27%
	2040 - B	78,310	77,277	105,467	163,204	493,851	642,888	225,212	131,875	103,391	100,085	86,874	79,843	2,288,278	270,430	11%
	2040 - C	81,197	80,747	112,172	182,403	581,925	572,976	162,780	123,952	102,440	101,817	90,312	82,907	2,275,627	283,081	11%
	2040 - D	87,770	87,670	118,160	180,011	632,479	727,228	229,956	133,495	108,581	105,867	95,348	88,949	2,595,514	-36,806	-1%
	2040 - E	101,034	95,912	122,675	178,121	560,275	913,951	387,388	178,519	141,658	133,008	114,563	105,529	3,032,633	-473,925	-19%
09105000	Plateau Creek Near Cameo															
	Historical	4,470	4,262	6,283	11,208	34,176	30,466	9,385	5,663	5,404	6,981	5,811	4,917	129,027	N/A	N/A
	2040 - A	3,774	4,186	8,327	11,431	16,226	8,768	4,589	3,717	4,045	4,452	4,193	3,721	77,428	51,598	40%
	2040 - B	4,282	4,335	7,087	11,573	28,840	19,722	6,761	4,214	4,608	5,635	5,026	4,459	106,542	22,485	17%
	2040 - C	4,436	4,624	7,823	12,797	22,665	11,867	5,560	3,887	4,420	5,589	5,029	4,525	93,222	35,805	28%
	2040 - D	4,866	5,353	8,139	13,440	33,746	21,594	7,146	4,350	4,752	6,380	5,717	5,079	120,561	8,465	7%
	2040 - E	5,286	5,151	8,041	14,235	40,197	34,301	10,314	5,272	6,094	7,910	6,795	5,912	149,508	-20,482	-16%
09163500	Colorado River Near Colorado-Utah State Line															
	Historical	185,911	177,020	224,001	328,074	773,211	978,497	458,208	228,036	224,411	255,129	213,537	194,820	4,240,855	N/A	N/A
	2040 - A	146,342	152,317	235,094	359,565	716,089	540,517	148,730	122,931	144,444	165,509	159,384	147,915	3,038,839	1,202,016	28%
	2040 - B	162,152	161,809	224,092	349,835	836,718	897,690	276,863	158,987	170,197	197,259	178,116	165,861	3,779,578	461,277	11%
	2040 - C	169,697	170,155	239,822	388,602	912,086	755,336	183,595	148,921	174,209	201,483	185,155	172,031	3,701,093	539,762	13%
	2040 - D	181,603	185,569	250,385	390,476	1,026,614	1,005,731	283,388	165,268	182,703	211,718	196,019	184,568	4,264,042	-23,188	-1%
	2040 - E	204,551	197,522	257,082	390,414	968,447	1,272,550	512,529	231,489	234,732	261,691	231,437	214,894	4,977,339	-736,484	-17%

Table E2. 2040 Gunnison River Basin Average Monthly Modeled Streamflow

2040 Climate Projections		Average Monthly Modeled Streamflow (AF)												Reduction in Avg Annual Modeled Streamflow		
USGS #	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	AF	Percent
Model																
09110000	Taylor River At Almont															
	Historical	8,497	7,731	8,955	11,707	34,162	55,708	31,808	21,189	15,076	13,475	12,270	8,670	229,248	N/A	N/A
	2040 - A	6,278	5,826	7,831	14,765	36,907	34,657	18,747	19,148	13,514	11,501	10,789	6,432	186,395	42,853	19%
	2040 - B	6,990	6,382	7,556	11,994	36,144	51,711	22,301	18,261	15,080	12,717	11,708	7,178	208,024	21,224	9%
	2040 - C	6,878	6,306	7,783	14,676	43,777	44,348	18,453	19,161	15,095	12,600	11,650	7,025	207,753	21,495	9%
	2040 - D	7,400	6,798	7,970	12,887	45,117	57,483	21,919	18,283	14,738	12,790	11,937	7,600	224,920	4,327	2%
	2040 - E	8,366	7,647	8,873	13,019	41,668	74,381	35,258	21,179	15,855	13,641	12,520	8,594	261,002	-31,754	-14%
09112500	East River At Almont															
	Historical	3,327	2,972	4,071	13,870	57,553	79,629	36,076	12,865	4,962	6,393	4,425	3,727	229,870	N/A	N/A
	2040 - A	2,654	2,538	5,029	24,410	83,279	52,828	11,558	4,437	2,343	3,133	3,485	2,877	198,570	31,300	14%
	2040 - B	2,811	2,600	3,824	15,580	72,615	79,505	22,449	7,110	2,847	3,951	3,681	3,088	220,061	9,809	4%
	2040 - C	2,952	2,726	4,394	22,495	90,130	62,280	12,798	5,791	3,025	4,100	3,917	3,246	217,852	12,018	5%
	2040 - D	3,023	2,813	4,043	17,359	90,415	81,188	21,333	7,320	3,079	4,186	4,020	3,351	242,130	-12,260	-5%
	2040 - E	3,528	3,167	4,363	15,957	69,635	95,403	38,424	12,271	5,145	6,169	4,854	4,008	262,924	-33,054	-14%
09114500	Gunnison River Near Gunnison															
	Historical	14,266	12,563	15,812	31,661	97,867	146,382	72,360	34,322	16,871	21,538	19,148	14,895	497,685	N/A	N/A
	2040 - A	11,039	10,151	16,821	48,341	123,346	86,419	27,764	21,440	12,675	14,457	16,641	11,478	400,572	97,113	20%
	2040 - B	12,056	10,779	14,325	34,025	116,058	138,898	44,506	23,827	14,738	17,137	17,900	12,627	456,876	40,809	8%
	2040 - C	12,140	10,883	15,534	46,044	140,942	108,568	29,512	23,424	14,959	16,913	18,137	12,637	449,693	47,992	10%
	2040 - D	12,845	11,607	15,126	37,585	145,734	147,750	42,800	24,311	14,669	17,294	18,688	13,473	501,883	-4,198	-1%
	2040 - E	14,590	12,902	16,442	36,346	121,552	186,741	79,539	32,856	18,014	20,755	20,289	15,383	575,407	-77,722	-16%
09119000	Tomichi Creek At Gunnison															
	Historical	3,731	3,595	6,839	12,627	28,071	39,679	17,835	4,005	1,690	5,071	4,958	4,060	132,162	N/A	N/A
	2040 - A	2,929	3,079	7,586	12,307	18,537	12,494	7,076	1,546	1,012	1,569	4,045	3,170	75,349	56,813	43%
	2040 - B	3,315	3,253	6,796	12,198	26,116	27,359	10,922	2,246	1,168	2,534	4,593	3,671	104,170	27,991	21%
	2040 - C	3,434	3,404	7,501	14,665	27,945	20,860	10,307	2,608	1,378	2,383	4,691	3,737	102,913	29,248	22%
	2040 - D	3,684	3,694	7,170	14,055	33,901	31,874	12,604	2,774	1,369	2,645	5,117	4,049	122,934	9,227	7%
	2040 - E	4,234	4,156	7,828	15,254	39,310	53,670	23,625	4,138	2,398	4,370	5,784	4,664	169,430	-37,268	-28%
09126500	Cimarron River At Cimarron															
	Historical	1,162	1,204	2,290	4,271	16,481	22,535	8,025	5,187	3,708	2,013	418	1,095	68,389	N/A	N/A
	2040 - A	807	993	2,302	3,825	11,320	5,143	3,636	3,941	3,060	1,488	342	792	37,648	30,741	45%
	2040 - B	833	957	2,047	3,795	16,391	14,998	4,494	4,440	3,233	1,635	373	835	54,030	14,359	21%
	2040 - C	922	1,078	2,502	4,918	17,477	9,019	4,227	4,457	3,403	1,656	380	907	50,945	17,444	26%
	2040 - D	989	1,209	2,491	4,923	21,293	16,766	4,858	4,640	3,417	1,740	384	938	63,648	4,741	7%
	2040 - E	1,280	1,370	2,802	5,575	21,942	27,672	8,776	5,329	3,992	2,153	524	1,247	82,660	-14,271	-21%
09128000	Gunnison River Below Gunnison Tunnel															
	Historical	62,262	57,048	67,155	105,277	94,131	91,895	80,330	60,327	55,800	73,686	66,724	60,236	874,870	N/A	N/A
	2040 - A	37,307	34,747	47,149	86,500	105,588	54,414	33,900	19,878	20,576	22,649	21,598	20,534	504,839	370,031	42%
	2040 - B	54,362	51,249	62,830	103,325	132,752	114,421	37,579	22,881	25,397	32,950	32,705	28,593	699,044	175,826	20%
	2040 - C	50,872	47,722	61,021	112,673	158,333	81,101	36,160	21,009	24,752	28,304	26,608	23,693	672,248	202,622	23%
	2040 - D	61,312	58,179	70,570	122,458	184,020	132,160	40,101	24,638	28,252	34,231	34,939	30,381	821,242	53,628	6%
	2040 - E	81,511	76,170	91,530	146,993	158,108	205,203	62,483	43,425	43,069	52,937	50,322	43,732	1,055,483	-180,613	-21%
09136200	Gunnison River Near Lazear															
	Historical	70,903	64,501	77,136	152,497	223,851	180,874	99,378	64,493	60,809	81,651	79,273	69,797	1,225,163	N/A	N/A
	2040 - A	43,938	40,670	55,966	143,439	223,473	95,857	39,826	21,489	23,004	27,075	30,337	27,665	772,738	452,425	37%
	2040 - B	61,826	57,903	72,955	156,785	274,411	192,665	49,104	27,032	29,282	38,799	42,784	36,770	1,040,316	184,847	15%
	2040 - C	58,611	54,356	70,659	173,484	304,462	137,426	43,658	23,598	27,768	33,786	36,827	31,865	996,502	228,661	19%
	2040 - D	69,840	66,135	82,445	183,491	353,424	214,751	51,357	28,795	32,219	40,637	46,110	39,503	1,208,706	16,457	1%
	2040 - E	90,831	84,094	103,484	208,460	319,756	312,165	82,656	48,416	48,459	61,256	63,603	54,035	1,477,216	-252,053	-21%

Table E2. 2040 Gunnison River Basin Average Monthly Modeled Streamflow (cont.)













2040 Climate Projections		Average Monthly Modeled Streamflow (AF)												Reduction in Avg Annual Modeled Streamflow		
USGS #	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	AF	Percent
Model																
09149500	Uncompahgre River At Delta															
	Historical 	10,728	9,508	9,420	10,937	26,285	43,292	22,430	16,435	14,256	15,155	15,150	12,600	206,194	N/A	N/A
	2040 - A 	6,853	6,230	4,853	6,874	16,661	10,399	6,317	8,651	10,098	7,246	9,482	7,712	101,376	104,818	51%
	2040 - B 	8,475	7,986	8,520	9,972	25,767	27,757	11,662	11,640	12,553	9,882	11,181	9,596	154,990	51,204	25%
	2040 - C 	8,722	7,979	8,209	10,523	26,009	15,242	8,966	11,398	13,055	9,525	11,133	9,287	140,048	66,146	32%
	2040 - D 	9,861	9,592	10,249	12,255	32,726	31,688	12,837	12,838	13,655	10,852	12,519	10,807	179,878	26,317	13%
	2040 - E 	11,489	10,509	11,253	14,645	34,778	53,587	25,311	17,436	16,217	14,256	15,461	13,342	238,284	-32,090	-16%
09152500	Gunnison River Near Grand Junction															
	Historical 	94,636	87,113	105,858	188,414	307,316	259,744	143,331	101,031	97,344	113,287	110,242	96,283	1,704,598	N/A	N/A
	2040 - A 	61,738	58,797	79,753	161,759	267,448	138,365	63,601	46,371	50,642	48,295	53,197	46,865	1,076,831	627,767	37%
	2040 - B 	82,823	78,973	103,141	194,859	352,325	258,437	83,171	59,304	63,538	64,709	68,808	59,589	1,469,677	234,921	14%
	2040 - C 	80,216	75,757	101,230	205,568	368,999	189,676	71,901	53,594	60,846	59,368	62,881	54,302	1,384,339	320,259	19%
	2040 - D 	93,797	91,217	117,045	224,752	439,870	288,418	86,876	63,032	68,097	68,647	74,703	64,792	1,681,246	23,352	1%
	2040 - E 	117,110	109,707	138,504	253,864	418,780	407,070	131,980	89,583	89,151	94,043	96,693	83,150	2,029,635	-325,037	-19%

Table E3. 2040 San Juan/Dolores River Basin Average Monthly Modeled Streamflow

2040 Climate Projections		Average Monthly Modeled Streamflow (AF)													Reduction in Avg Annual Modeled Streamflow	
USGS #	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	AF	Percent
Model																
09171100	Dolores River Near Bedrock															
	Historical	3,099	4,416	11,591	41,619	55,238	35,261	5,773	4,404	3,558	3,358	2,689	2,877	173,882	N/A	N/A
	2040 - A	1,838	1,956	4,882	12,495	5,377	2,452	1,700	2,320	2,674	1,572	1,678	1,591	40,535	133,347	77%
	2040 - B	2,651	3,718	10,614	31,614	31,691	16,808	3,046	2,979	2,690	2,650	2,237	2,399	113,098	60,784	35%
	2040 - C	2,863	3,478	9,888	30,014	28,475	9,051	3,208	4,226	3,350	2,649	2,286	2,319	101,807	72,075	41%
	2040 - D	3,437	4,604	12,513	40,871	53,412	26,615	3,757	3,491	3,141	3,231	2,628	3,125	160,825	13,056	8%
	2040 - E	3,735	5,177	14,393	55,272	84,570	48,782	6,658	3,396	3,312	3,451	3,005	3,738	235,489	-61,608	-35%
09175500	San Miguel River At Naturita															
	Historical	5,051	5,132	8,374	37,321	52,757	46,112	22,258	10,080	7,480	7,096	6,213	5,430	213,306	N/A	N/A
	2040 - A	4,105	4,568	7,900	33,582	28,529	10,990	3,539	2,352	3,395	2,650	4,185	3,969	109,765	103,541	49%
	2040 - B	4,208	4,608	8,344	37,736	48,306	31,774	9,312	3,785	3,112	3,423	4,397	4,289	163,294	50,012	23%
	2040 - C	4,999	5,442	9,482	42,796	45,143	20,670	6,383	4,746	4,713	4,078	5,058	4,777	158,286	55,019	26%
	2040 - D	5,192	6,130	10,293	44,086	55,752	35,636	10,915	4,776	4,058	4,297	5,250	5,178	191,562	21,743	10%
	2040 - E	5,769	6,090	10,436	45,658	62,725	53,942	24,979	9,763	7,437	6,347	6,697	6,218	246,061	-32,755	-15%
09346400	San Juan River Near Carracas															
	Historical	8,971	10,044	29,416	56,643	94,348	90,219	31,149	19,448	14,774	14,574	11,524	9,329	390,438	N/A	N/A
	2040 - A	7,637	10,299	35,283	63,565	80,405	40,277	5,474	4,802	6,899	7,030	7,161	6,761	275,593	114,845	29%
	2040 - B	6,593	8,875	32,100	64,109	106,816	79,461	14,402	8,032	7,278	7,265	7,009	6,188	348,128	42,310	11%
	2040 - C	9,198	12,929	42,128	78,484	122,844	69,973	9,876	7,786	9,560	9,315	8,665	7,996	388,754	1,684	0%
	2040 - D	10,104	14,238	44,195	78,923	129,501	88,267	16,904	9,976	8,948	9,044	9,184	8,724	428,008	-37,570	-10%
	2040 - E	11,459	13,781	41,156	74,254	122,034	116,749	33,699	19,676	15,359	14,965	12,226	10,833	486,191	-95,753	-25%
09349800	Piedra River Near Arboles															
	Historical	4,222	4,820	16,998	50,939	73,845	57,106	17,609	11,888	10,462	9,329	6,850	4,948	269,016	N/A	N/A
	2040 - A	3,133	4,538	16,796	50,874	58,031	22,243	2,690	3,305	4,975	4,150	3,751	3,088	177,574	91,442	34%
	2040 - B	2,784	3,888	16,741	53,185	76,508	45,107	7,295	4,987	4,986	4,167	3,657	2,908	226,214	42,803	16%
	2040 - C	4,014	6,087	22,789	63,897	84,905	38,557	4,952	5,048	6,916	5,588	4,696	3,770	251,218	17,798	7%
	2040 - D	4,454	6,696	24,903	65,685	90,552	51,546	8,965	6,191	6,206	5,410	5,006	4,058	279,671	-10,655	-4%
	2040 - E	5,483	6,869	25,124	65,932	90,669	69,358	19,315	12,600	11,180	9,714	7,278	5,610	329,135	-60,119	-22%
09354500	Los Pinos River At La Boca															
	Historical	5,128	9,091	14,918	23,718	10,694	32,106	13,853	8,941	7,729	23,753	6,920	5,758	162,609	N/A	N/A
	2040 - A	1,717	3,490	7,936	7,619	16,886	15,319	5,812	5,432	4,465	3,256	1,938	1,567	75,438	87,171	54%
	2040 - B	2,013	3,380	11,326	14,376	16,528	31,636	7,632	6,874	5,696	4,725	2,561	2,010	108,758	53,851	33%
	2040 - C	2,591	5,752	14,103	18,534	22,450	26,643	7,089	6,802	5,750	6,204	3,005	2,234	121,158	41,451	25%
	2040 - D	3,272	7,719	17,671	24,022	18,638	37,540	8,296	7,828	6,752	6,876	3,398	2,900	144,914	17,695	11%
	2040 - E	5,832	10,877	21,704	34,311	12,005	44,983	14,563	9,820	8,111	20,133	7,352	6,052	195,743	-33,135	-20%
09363200	Florida River At Bondad															
	Historical	1,559	1,908	4,411	6,573	11,745	8,914	1,301	1,052	1,640	2,441	2,344	1,726	45,613	N/A	N/A
	2040 - A	862	1,624	4,071	4,906	7,815	4,289	1,102	1,213	1,670	1,339	1,053	824	30,769	14,845	33%
	2040 - B	950	1,546	5,088	6,631	11,399	7,441	1,356	1,308	1,910	1,578	1,206	929	41,341	4,273	9%
	2040 - C	1,149	2,528	6,123	6,785	11,642	6,311	1,445	1,400	1,943	1,687	1,387	1,062	43,462	2,151	5%
	2040 - D	1,464	3,054	6,955	7,449	13,056	8,292	1,450	1,428	2,186	1,900	1,695	1,329	50,256	-4,643	-10%
	2040 - E	2,147	2,780	7,003	8,159	13,701	10,898	1,474	1,305	2,289	2,633	2,775	2,174	57,337	-11,724	-26%
09363500	Animas River Near Cedar Hill, Nm															
	Historical	15,375	14,912	27,496	60,912	150,858	169,022	70,267	35,738	30,438	27,279	20,357	16,975	639,629	N/A	N/A
	2040 - A	11,696	13,252	29,549	75,629	140,217	64,469	15,618	10,338	13,629	11,522	11,469	11,255	408,643	230,986	36%
	2040 - B	11,231	12,543	28,361	65,331	166,409	134,210	35,802	17,096	13,884	12,008	11,568	11,066	519,509	120,121	19%
	2040 - C	13,990	16,440	35,403	81,694	185,433	103,539	24,833	17,162	19,851	16,917	14,804	13,636	543,702	95,928	15%
	2040 - D	14,741	17,846	36,884	76,318	193,251	146,316	40,473	20,848	17,939	16,489	15,414	14,175	610,693	28,936	5%
	2040 - E	17,705	18,045	35,880	73,507	177,382	197,321	75,060	39,326	31,035	27,476	21,245	18,366	732,349	-92,719	-14%

Table E3. 2040 San Juan/Dolores River Basin Average Monthly Modeled Streamflow (cont.)

2040 Climate Projections		Average Monthly Modeled Streamflow (AF)													Reduction in Avg Annual Modeled Streamflow	
USGS #	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	AF	Percent
Model																
09365500	La Plata River At Hesperus															
	Historical	439	427	1,078	4,383	8,717	6,608	1,883	1,190	977	798	682	537	27,720	N/A	N/A
	2040 - A	277	347	1,663	6,983	7,410	2,011	514	485	604	419	390	299	21,402	6,318	23%
	2040 - B	250	275	1,005	4,917	9,299	5,143	979	677	566	427	374	291	24,203	3,517	13%
	2040 - C	342	399	1,445	6,758	10,428	3,874	753	680	722	524	477	385	26,787	934	3%
	2040 - D	366	418	1,342	6,012	11,304	5,774	1,060	761	655	582	518	430	29,222	-1,502	-5%
	2040 - E	501	503	1,344	5,250	10,598	8,131	1,998	1,231	1,087	848	744	619	32,852	-5,132	-19%
09366500	La Plata River At Colorado-New Mexico State Line															
	Historical	867	1,039	2,599	6,348	3,483	2,196	891	464	309	629	1,074	935	20,832	N/A	N/A
	2040 - A	557	724	2,027	5,386	1,295	998	602	503	308	408	610	559	13,976	6,856	33%
	2040 - B	659	876	2,583	6,583	2,940	1,745	739	531	361	469	736	676	18,898	1,934	9%
	2040 - C	720	1,067	3,093	7,469	2,759	1,391	707	536	319	469	805	726	20,060	771	4%
	2040 - D	810	1,220	3,697	8,245	4,125	1,932	761	511	341	541	895	815	23,890	-3,058	-15%
	2040 - E	977	1,283	3,650	8,916	5,052	2,920	915	423	372	630	1,151	1,026	27,312	-6,481	-31%
09371000	Mancos River Near Towaoc															
	Historical	829	1,330	3,119	5,254	4,885	2,603	1,589	1,176	984	814	947	732	24,260	N/A	N/A
	2040 - A	650	940	1,612	1,806	1,266	1,226	842	688	654	518	678	579	11,460	12,801	53%
	2040 - B	815	1,413	3,594	4,703	3,860	1,890	1,305	985	792	628	776	684	21,445	2,816	12%
	2040 - C	833	1,508	3,278	4,287	3,846	1,740	1,226	925	806	628	808	669	20,554	3,707	15%
	2040 - D	940	1,862	4,492	5,841	5,701	2,307	1,502	1,083	858	702	854	736	26,880	-2,619	-11%
	2040 - E	1,008	1,705	4,401	7,434	7,775	3,427	1,770	1,265	1,046	830	990	815	32,466	-8,206	-34%

Table E4. 2040 Yampa River Basin Average Monthly Modeled Streamflow

2040 Climate Projections		Average Monthly Modeled Streamflow (AF)													Reduction in Avg Annual Modeled Streamflow	
USGS #	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	AF	Percent
Model																
09237500	Yampa River Below Stagecoach Reservoir															
	Historical	2,978	2,675	3,665	5,135	7,671	8,889	5,892	4,753	3,760	3,567	3,311	2,901	55,196	N/A	N/A
	2040 - A	1,812	1,641	3,610	7,109	7,504	5,423	4,363	3,819	2,677	2,010	2,044	1,672	43,683	11,514	21%
	2040 - B	2,103	1,668	3,225	4,507	7,596	7,970	4,778	4,272	3,309	2,993	2,673	2,266	47,360	7,836	14%
	2040 - C	2,103	1,693	3,444	7,094	9,777	7,061	4,792	4,292	3,424	2,821	2,565	2,070	51,136	4,060	7%
	2040 - D	2,688	2,234	3,784	6,623	11,506	10,214	4,977	4,467	3,734	3,389	3,161	2,730	59,506	-4,310	-8%
	2040 - E	3,124	2,793	4,122	6,609	10,350	12,068	6,398	5,091	4,091	3,775	3,665	3,242	65,328	-10,131	-18%
09241000	Elk River At Clark															
	Historical	3,449	3,121	5,423	15,171	66,083	80,253	28,876	7,654	4,882	4,695	3,761	3,946	227,313	N/A	N/A
	2040 - A	2,292	2,520	15,347	42,160	100,845	55,319	6,601	2,845	3,230	2,251	2,071	2,282	237,762	-10,450	-5%
	2040 - B	2,786	2,716	7,009	21,244	83,303	83,141	16,653	4,077	3,754	3,041	2,762	3,034	233,521	-6,208	-3%
	2040 - C	2,889	2,763	9,162	34,869	112,784	68,538	6,636	3,026	3,844	3,290	2,819	3,019	253,638	-26,325	-12%
	2040 - D	3,637	3,534	8,015	22,766	104,902	92,230	16,709	4,042	3,907	4,153	3,782	3,928	271,606	-44,294	-19%
	2040 - E	3,842	3,477	7,136	19,275	81,608	93,035	27,389	6,764	4,780	5,053	4,335	4,482	261,176	-33,864	-15%
09245000	Elkhead Creek Near Elkhead															
	Historical	330	315	684	6,887	22,414	6,860	851	281	218	385	399	354	39,976	N/A	N/A
	2040 - A	369	479	2,601	12,203	17,963	1,941	354	235	180	302	386	376	37,388	2,588	6%
	2040 - B	346	364	1,098	9,151	24,199	5,317	516	253	196	338	402	384	42,564	-2,587	-6%
	2040 - C	388	432	1,463	12,080	23,182	2,834	395	257	208	359	411	382	42,391	-2,415	-6%
	2040 - D	426	546	1,292	11,199	30,816	5,952	510	255	205	414	469	412	52,494	-12,517	-31%
	2040 - E	368	389	1,017	9,050	27,292	7,860	805	273	225	408	449	401	48,536	-8,560	-21%
09249750	Williams Fork At Mouth, Near Hamilton															
	Historical	3,354	3,013	5,418	18,203	56,006	38,580	9,898	3,378	2,119	3,441	3,483	3,622	150,515	N/A	N/A
	2040 - A	2,677	3,013	9,519	27,664	50,188	19,039	1,231	790	941	1,433	2,468	2,613	121,576	28,939	19%
	2040 - B	2,883	2,829	6,503	22,752	61,254	35,734	4,680	1,461	1,224	2,190	2,769	3,064	147,344	3,171	2%
	2040 - C	3,119	3,076	8,140	27,708	60,356	24,951	1,542	1,062	1,208	2,191	2,858	3,044	139,254	11,261	7%
	2040 - D	3,664	4,233	9,033	29,374	74,855	38,641	4,473	1,485	1,421	2,861	3,372	3,638	177,051	-26,536	-18%
	2040 - E	3,745	3,634	7,192	23,955	67,710	44,575	9,256	2,868	1,988	3,353	3,780	4,089	176,145	-25,630	-17%
09251000	Yampa River Near Maybell															
	Historical	14,760	17,819	42,470	144,825	358,912	323,173	79,007	14,740	10,404	19,594	17,647	15,068	1,058,420	N/A	N/A
	2040 - A	11,847	18,472	75,101	231,781	355,027	185,621	5,253	2,228	4,273	7,797	12,535	11,078	921,012	137,409	13%
	2040 - B	13,125	16,902	51,805	183,865	393,834	315,737	34,991	4,971	6,513	13,046	14,932	13,372	1,063,093	-4,673	0%
	2040 - C	13,920	18,208	61,365	232,220	430,199	245,561	6,900	3,459	6,503	13,025	15,265	13,052	1,059,678	-1,258	0%
	2040 - D	16,968	25,602	72,863	241,084	503,000	358,304	34,644	5,097	7,697	17,325	18,947	16,269	1,317,799	-259,379	-25%
	2040 - E	16,806	21,661	57,256	194,247	445,764	385,169	74,448	11,126	10,251	20,031	20,428	17,782	1,274,969	-216,549	-20%
09260000	Little Snake River Near Lily															
	Historical	5,235	7,301	22,956	54,403	144,786	109,592	19,394	2,138	2,223	5,790	6,697	5,825	386,341	N/A	N/A
	2040 - A	4,476	7,188	38,852	84,895	110,854	35,726	3,954	996	739	2,403	5,165	4,597	299,846	86,495	22%
	2040 - B	5,064	7,465	27,915	66,591	148,321	91,445	9,648	1,567	1,390	4,169	6,171	5,575	375,323	11,018	3%
	2040 - C	5,144	7,497	31,743	85,119	145,286	55,912	5,074	1,462	1,352	3,821	6,021	5,290	353,720	32,620	8%
	2040 - D	6,450	10,514	36,546	85,294	189,890	105,706	10,654	2,095	2,015	5,838	7,660	6,766	469,429	-83,088	-22%
	2040 - E	5,992	8,705	30,026	71,112	179,671	133,285	19,352	2,454	2,387	5,927	7,562	6,784	473,257	-86,916	-22%
09260050	Yampa River At Deerlodge Park															
	Historical	18,705	24,090	61,020	197,182	472,512	437,214	104,213	18,051	12,195	25,576	24,543	20,497	1,415,798	N/A	N/A
	2040 - A	14,896	23,735	100,196	305,796	426,126	224,913	9,807	3,495	4,391	10,431	18,072	15,393	1,157,251	258,547	18%
	2040 - B	17,065	23,302	72,391	244,916	504,179	412,078	48,260	7,505	7,661	17,872	21,622	18,751	1,395,602	20,196	1%
	2040 - C	17,589	24,205	83,297	306,855	529,793	306,164	12,710	5,708	7,351	17,180	21,685	18,031	1,350,567	65,231	5%
	2040 - D	22,102	34,579	99,346	317,426	643,750	470,197	48,848	8,607	9,903	24,030	27,187	22,884	1,728,859	-313,061	-22%
	2040 - E	21,452	29,064	80,761	261,310	585,984	524,371	99,791	14,983	12,378	26,301	28,221	24,130	1,708,747	-292,948	-21%

Table E5. 2040 White River Basin Average Monthly Modeled Streamflow

2040 Climate Projections		Average Monthly Modeled Streamflow (AF)												Reduction in Avg Annual Modeled Streamflow		
USGS #	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	AF	Percent
Model																
09303000	North Fork White River At Buford, Co															
	Historical	9,849	8,582	9,714	16,524	46,022	49,272	23,722	14,940	12,130	11,883	10,551	10,182	223,371	N/A	N/A
	2040 - A	5,056	5,270	12,985	34,798	66,211	33,040	7,720	5,232	4,973	4,949	4,949	4,752	189,935	33,437	15%
	2040 - B	6,572	6,309	9,367	20,678	56,432	50,539	15,841	9,313	7,487	6,971	6,470	6,519	202,497	20,874	9%
	2040 - C	6,777	6,502	11,490	30,393	71,888	40,834	8,867	6,355	6,217	6,687	6,470	6,457	208,937	14,434	6%
	2040 - D	8,202	8,282	12,220	24,694	70,044	54,643	15,515	9,325	7,819	8,073	7,872	7,998	234,687	-11,316	-5%
	2040 - E	10,102	9,151	11,388	21,140	55,409	57,547	23,499	14,075	11,108	11,093	10,413	10,381	245,306	-21,934	-10%
09304000	South Fork White River At Buford															
	Historical	6,365	5,881	6,563	9,420	37,628	59,043	19,149	9,974	7,725	7,633	6,824	6,636	182,842	N/A	N/A
	2040 - A	2,716	2,884	5,773	18,855	56,438	37,904	6,432	3,063	2,487	2,577	2,575	2,572	144,275	38,566	21%
	2040 - B	3,888	3,896	5,210	10,637	46,651	60,127	13,376	6,142	4,389	4,052	3,745	3,787	165,899	16,942	9%
	2040 - C	3,855	3,891	5,845	16,152	60,315	47,135	7,541	3,827	3,296	3,763	3,664	3,734	163,019	19,822	11%
	2040 - D	4,806	4,914	6,725	12,156	58,107	63,883	13,121	6,118	4,583	4,674	4,558	4,688	188,334	-5,493	-3%
	2040 - E	6,481	6,129	7,240	11,313	44,878	68,432	19,325	9,391	7,062	7,192	6,671	6,637	200,751	-17,910	-10%
09304800	White River Below Meeker															
	Historical	19,409	19,455	23,253	34,707	96,798	116,649	45,879	25,872	23,426	25,880	21,750	19,191	472,269	N/A	N/A
	2040 - A	10,823	12,568	26,510	51,992	106,301	68,480	8,732	3,937	7,257	10,791	11,508	9,948	328,847	143,422	30%
	2040 - B	13,754	15,040	22,515	40,301	109,468	114,675	28,245	13,298	13,382	15,881	14,547	13,119	414,225	58,044	12%
	2040 - C	13,897	15,279	25,515	49,905	120,907	87,059	12,309	7,015	10,142	14,790	14,312	12,790	383,920	88,349	19%
	2040 - D	17,063	20,082	29,924	48,999	134,524	124,830	28,023	13,700	14,530	18,248	17,138	15,747	482,809	-10,539	-2%
	2040 - E	20,464	21,598	28,013	44,092	117,139	136,801	46,536	23,293	21,615	24,685	21,990	19,908	526,134	-53,865	-11%
09306222	Piceance Creek At White River															
	Historical	1,360	1,505	2,471	3,089	4,075	2,035	1,256	1,284	969	1,613	1,562	1,438	22,657	N/A	N/A
	2040 - A	973	1,195	2,404	2,116	973	313	168	210	267	660	1,187	1,017	11,481	11,175	49%
	2040 - B	1,117	1,292	2,351	3,040	3,090	1,118	563	525	486	1,094	1,331	1,184	17,191	5,466	24%
	2040 - C	1,100	1,302	2,533	2,776	1,647	527	291	347	361	931	1,272	1,127	14,214	8,442	37%
	2040 - D	1,353	1,689	3,030	3,725	3,935	1,566	807	706	610	1,270	1,474	1,375	21,539	1,118	5%
	2040 - E	1,514	1,739	2,991	3,859	5,107	2,657	1,686	1,292	964	1,576	1,666	1,584	26,636	-3,979	-18%
09306395	White River Near Colorado-Utah State Line															
	Historical	21,497	22,783	29,804	41,284	100,168	123,533	49,998	26,537	24,868	26,208	22,642	20,918	510,239	N/A	N/A
	2040 - A	14,238	16,646	29,926	47,191	92,098	68,880	8,265	3,618	9,222	12,881	14,604	13,281	330,851	179,388	35%
	2040 - B	17,036	19,056	28,623	44,570	106,123	118,268	30,143	13,025	15,185	18,122	17,384	16,228	443,761	66,478	13%
	2040 - C	17,014	19,089	30,376	48,756	108,018	88,569	12,495	6,948	12,050	16,727	17,030	15,711	392,784	117,455	23%
	2040 - D	20,342	24,271	36,419	54,820	131,197	131,419	30,557	13,742	16,735	20,542	19,760	18,759	518,562	-8,323	-2%
	2040 - E	22,970	25,250	34,815	51,876	122,287	146,190	51,805	23,565	23,238	25,460	23,285	22,081	572,822	-62,583	-12%

Table E6. 2070 Upper Colorado River Basin Average Monthly Modeled Streamflow

2070 Climate Projections		Average Monthly Modeled Streamflow (AF)													Reduction in Avg Annual Modeled Streamflow	
USGS #	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	AF	Percent
Model																
09011000	Colorado River Near Grand Lake															
	Historical	1,020	893	1,026	3,073	13,089	22,307	5,522	2,222	1,335	2,044	1,517	1,126	55,174	N/A	N/A
	2070 - F	1,079	1,042	1,550	10,825	44,010	4,673	261	272	309	904	1,215	1,171	67,313	-12,139	-22%
	2070 - G	987	978	1,436	7,070	30,137	11,982	343	313	278	779	1,057	1,015	56,372	-1,198	-2%
	2070 - H	1,014	1,062	1,590	8,022	35,250	10,213	317	334	371	987	1,155	1,055	61,370	-6,195	-11%
	2070 - I	1,192	1,081	1,371	5,748	27,719	20,601	1,405	1,521	1,222	2,006	1,709	1,370	66,944	-11,769	-21%
	2070 - J	1,227	1,246	1,798	7,567	46,985	19,510	483	589	506	1,307	1,486	1,330	84,035	-28,860	-52%
09041500	Muddy Creek At Kremmling															
	Historical	914	769	1,992	5,543	17,660	17,436	3,462	4,631	6,350	2,660	1,094	955	63,465	N/A	N/A
	2070 - F	902	863	2,593	5,239	17,640	1,719	873	10,928	4,677	2,165	1,009	889	49,497	13,968	22%
	2070 - G	936	875	2,533	4,901	21,412	5,318	905	9,019	4,769	2,358	992	922	54,940	8,525	13%
	2070 - H	923	976	2,316	5,787	24,642	4,471	822	8,305	5,627	2,242	989	875	57,974	5,491	9%
	2070 - I	983	880	2,321	5,264	30,307	13,056	1,262	6,029	6,176	2,032	1,001	985	70,296	-6,831	-11%
	2070 - J	1,154	1,169	2,650	8,497	50,602	11,361	999	6,149	6,550	1,593	1,092	1,045	92,861	-29,396	-46%
09050700	Blue River Below Dillon															
	Historical	4,250	3,820	4,638	3,683	14,844	46,510	27,783	9,689	5,013	4,591	4,590	4,448	133,860	N/A	N/A
	2070 - F	4,076	4,315	6,412	4,550	29,819	15,021	8,603	16,052	3,974	3,662	3,637	3,967	104,090	29,770	22%
	2070 - G	3,916	3,955	5,696	3,865	20,426	23,190	9,869	12,195	3,757	3,429	3,523	3,767	97,588	36,272	27%
	2070 - H	4,271	4,367	5,893	4,997	30,221	26,966	11,965	9,046	3,814	3,580	3,893	4,124	113,137	20,723	15%
	2070 - I	4,482	4,137	5,310	4,878	27,926	45,320	19,788	9,196	4,810	4,318	4,687	4,591	139,444	-5,584	-4%
	2070 - J	4,393	4,357	5,673	5,004	48,014	44,106	13,988	5,672	3,596	3,431	3,934	4,156	146,323	-12,463	-9%
09057500	Blue River Below Green Mountain Reservoir															
	Historical	17,780	16,932	19,060	8,425	5,886	52,610	57,040	25,716	22,528	20,001	18,540	18,008	282,528	N/A	N/A
	2070 - F	9,907	10,045	13,509	5,730	32,733	29,393	45,740	29,073	14,314	10,179	9,471	9,779	219,873	62,655	22%
	2070 - G	11,619	11,804	14,959	6,203	16,438	34,914	38,404	29,899	17,071	11,766	11,114	11,356	215,546	66,981	24%
	2070 - H	12,574	12,895	16,207	5,409	27,582	40,958	43,066	29,709	16,223	12,333	12,035	12,178	241,170	41,358	15%
	2070 - I	16,525	15,910	19,043	5,192	20,343	60,651	48,001	30,031	22,679	17,970	17,052	16,535	289,932	-7,404	-3%
	2070 - J	14,632	14,632	18,013	5,044	49,329	65,990	44,569	33,126	19,334	14,001	13,921	14,051	306,641	-24,113	-9%
09070000	Eagle River Below Gypsum															
	Historical	10,630	9,310	11,263	19,598	74,596	131,378	59,403	23,965	16,126	15,915	12,925	11,420	396,530	N/A	N/A
	2070 - F	10,473	10,725	17,113	38,172	86,810	43,414	17,834	9,893	9,002	9,611	10,284	10,199	273,531	122,999	31%
	2070 - G	10,614	10,793	16,410	31,430	84,419	71,880	24,320	12,038	9,787	10,172	10,456	10,149	302,468	94,061	24%
	2070 - H	11,141	12,118	18,129	35,921	98,195	71,308	24,136	12,218	10,262	10,885	11,048	10,640	326,001	70,529	18%
	2070 - I	11,102	10,500	14,640	29,349	98,714	108,617	38,647	18,199	13,339	13,342	12,293	11,320	380,061	16,468	4%
	2070 - J	12,088	13,190	20,224	39,503	141,819	101,300	28,485	13,420	10,535	11,166	11,446	11,442	414,618	-18,088	-5%
09070500	Colorado River At Dotsero															
	Historical	53,637	49,932	62,776	83,914	215,539	369,898	193,475	98,737	73,620	71,243	62,837	55,810	1,391,419	N/A	N/A
	2070 - F	45,530	48,483	76,985	138,385	273,964	134,277	83,342	77,003	46,867	41,967	46,051	44,433	1,057,286	334,133	24%
	2070 - G	47,238	49,861	76,098	118,365	252,676	214,030	89,618	80,830	51,249	44,181	47,531	45,284	1,116,962	274,457	20%
	2070 - H	49,543	55,024	82,428	133,159	306,826	219,116	91,509	81,182	52,764	47,319	50,357	47,435	1,216,662	174,757	13%
	2070 - I	55,301	54,285	75,885	111,920	316,842	356,765	134,580	93,467	69,293	62,374	61,286	55,833	1,447,830	-56,411	-4%
	2070 - J	57,611	61,722	94,438	156,394	523,257	375,609	107,620	87,140	57,688	51,698	56,568	54,879	1,684,624	-293,205	-21%
09073400	Roaring Fork River Near Aspen															
	Historical	1,521	1,329	1,533	2,715	10,928	16,213	8,780	3,263	2,670	2,464	1,835	1,693	54,944	N/A	N/A
	2070 - F	1,102	1,045	1,476	5,233	36,279	8,004	3,881	2,397	1,727	1,258	1,038	1,106	64,548	-9,604	-17%
	2070 - G	1,210	1,126	1,511	3,921	21,181	13,074	3,569	2,629	1,872	1,473	1,186	1,241	53,994	951	2%
	2070 - H	1,272	1,200	1,550	4,382	27,726	13,833	3,552	2,584	1,821	1,565	1,273	1,316	62,074	-7,129	-13%
	2070 - I	1,369	1,237	1,514	3,460	20,881	16,971	4,796	2,654	2,140	1,934	1,503	1,474	59,933	-4,989	-9%
	2070 - J	1,246	1,190	1,587	3,917	36,564	20,238	3,639	2,318	1,861	1,541	1,232	1,281	76,615	-21,670	-39%

Table E6. 2070 Upper Colorado River Basin Average Monthly Modeled Streamflow (cont.)

2070 Climate Projections		Average Monthly Modeled Streamflow (AF)													Reduction in Avg Annual Modeled Streamflow	
USGS #	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	AF	Percent
Model																
09085000	Roaring Fork River At Glenwood															
	Historical	23,640	20,689	26,348	46,486	128,914	223,606	135,092	66,090	51,443	44,311	28,267	25,811	820,697	N/A	N/A
	2070 - F	19,263	18,179	26,793	73,487	276,516	100,046	26,978	23,358	26,737	27,295	20,488	20,020	659,159	161,539	20%
	2070 - G	21,095	19,695	28,333	62,649	204,728	171,073	46,370	30,398	30,616	30,652	22,800	21,946	690,355	130,343	16%
	2070 - H	22,052	21,328	30,497	70,789	248,325	174,898	45,936	31,155	32,532	32,505	23,901	22,905	756,824	63,873	8%
	2070 - I	22,299	20,308	28,028	59,292	205,703	220,332	77,047	44,399	40,311	36,474	25,641	23,863	803,695	17,002	2%
	2070 - J	22,584	22,669	34,335	76,279	323,491	238,467	55,152	34,628	35,790	31,460	23,958	23,192	922,006	-101,309	-12%
09095500	Colorado River Near Cameo															
	Historical	92,574	86,994	109,879	155,863	436,461	683,323	348,172	172,776	136,278	132,530	106,762	97,096	2,558,708	N/A	N/A
	2070 - F	77,270	81,786	119,830	203,975	587,940	266,409	104,886	97,570	79,464	80,746	78,905	77,312	1,856,092	702,616	27%
	2070 - G	82,512	86,932	125,037	193,284	526,546	449,891	138,007	110,945	88,421	87,661	83,870	80,758	2,053,864	504,844	20%
	2070 - H	85,843	94,458	135,674	212,819	626,185	456,385	138,164	112,509	92,873	92,983	88,069	84,142	2,220,103	338,605	13%
	2070 - I	91,709	91,337	125,321	191,504	611,247	660,392	218,000	138,816	117,224	113,195	101,391	93,884	2,554,020	4,688	0%
	2070 - J	95,794	105,025	157,620	261,569	956,521	709,343	167,867	123,189	100,858	96,981	94,965	92,711	2,962,444	-403,736	-16%
09105000	Plateau Creek Near Cameo															
	Historical	4,470	4,262	6,283	11,208	34,176	30,466	9,385	5,663	5,404	6,981	5,811	4,917	129,027	N/A	N/A
	2070 - F	4,266	5,010	8,526	9,608	9,618	6,031	4,318	3,474	4,107	4,767	4,489	4,179	68,392	60,634	47%
	2070 - G	5,121	5,682	9,020	11,740	18,982	11,154	5,431	4,181	4,462	5,757	5,277	4,939	91,748	37,279	29%
	2070 - H	5,272	6,598	9,997	13,262	19,015	10,478	5,370	4,228	4,375	5,951	5,343	5,063	94,952	34,075	26%
	2070 - I	4,731	5,084	8,393	13,871	27,450	16,392	6,410	4,160	4,470	6,173	5,551	4,940	107,624	21,403	17%
	2070 - J	5,669	7,953	13,319	18,861	30,308	14,700	6,373	4,525	4,490	5,959	5,598	5,281	123,036	5,991	5%
09163500	Colorado River Near Colorado-Utah State Line															
	Historical	185,911	177,020	224,001	328,074	773,211	978,497	458,208	228,036	224,411	255,129	213,537	194,820	4,240,855	N/A	N/A
	2070 - F	165,101	176,423	250,240	399,116	835,908	329,493	101,524	111,781	132,702	161,953	167,265	164,183	2,995,689	1,245,165	29%
	2070 - G	178,134	185,633	261,618	386,316	795,495	584,151	148,293	128,447	148,229	181,325	177,679	173,726	3,349,045	891,809	21%
	2070 - H	187,940	206,066	288,902	443,634	954,933	610,877	151,329	133,741	160,897	195,454	187,218	182,947	3,703,937	536,918	13%
	2070 - I	184,121	186,185	257,504	400,177	956,840	880,326	256,119	166,402	185,328	216,252	199,838	188,835	4,077,926	162,929	4%
	2070 - J	200,365	227,341	342,300	540,999	1,386,364	936,734	190,686	148,967	166,602	195,696	196,103	193,432	4,725,589	-484,734	-11%

Table E7. 2070 Gunnison River Basin Average Monthly Modeled Streamflow

2070 Climate Projections		Average Monthly Modeled Streamflow (AF)												Reduction in Avg Annual Modeled Streamflow		
USGS #	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	AF	Percent
Model																
09110000	Taylor River At Almont															
	Historical	8,497	7,731	8,955	11,707	34,162	55,708	31,808	21,189	15,076	13,475	12,270	8,670	229,248	N/A	N/A
	2070 - F	5,970	5,671	7,783	21,580	49,950	25,950	19,475	22,482	13,161	10,746	10,090	6,145	199,003	30,244	13%
	2070 - G	6,648	6,187	8,103	16,119	41,116	38,103	18,234	19,713	14,311	11,629	10,958	6,839	197,958	31,289	14%
	2070 - H	7,035	6,664	8,325	19,519	53,342	40,627	18,609	19,959	14,615	12,178	11,349	7,171	219,393	9,854	4%
	2070 - I	7,341	6,761	8,170	14,671	46,310	51,547	21,062	18,939	15,278	13,038	11,983	7,562	222,663	6,584	3%
	2070 - J	7,810	7,325	9,091	18,225	67,823	55,117	18,184	20,157	16,131	12,683	11,837	8,027	252,409	-23,162	-10%
09112500	East River At Almont															
	Historical	3,327	2,972	4,071	13,870	57,553	79,629	36,076	12,865	4,962	6,393	4,425	3,727	229,870	N/A	N/A
	2070 - F	2,772	2,738	5,388	39,511	119,374	29,370	5,152	3,100	1,827	2,531	3,677	3,009	218,448	11,422	5%
	2070 - G	3,012	2,854	5,142	26,578	89,746	55,005	10,890	4,575	2,351	3,142	3,934	3,332	210,563	19,307	8%
	2070 - H	3,178	3,150	5,237	31,883	108,690	55,574	10,524	4,744	2,457	3,668	4,097	3,492	236,696	-6,826	-3%
	2070 - I	3,110	2,883	4,426	21,149	88,433	72,472	19,227	7,457	3,186	4,276	4,167	3,479	234,264	-4,394	-2%
	2070 - J	3,123	3,144	5,433	28,731	138,445	76,172	13,217	5,422	2,331	3,302	3,988	3,416	286,725	-56,855	-25%
09114500	Gunnison River Near Gunnison															
	Historical	14,266	12,563	15,812	31,661	97,867	146,382	72,360	34,322	16,871	21,538	19,148	14,895	497,685	N/A	N/A
	2070 - F	10,933	10,370	17,378	75,290	168,915	51,378	21,815	23,422	11,806	12,529	16,232	11,380	431,449	66,236	13%
	2070 - G	12,045	11,034	17,209	52,986	135,971	92,236	26,680	22,300	13,410	14,221	17,554	12,619	428,266	69,419	14%
	2070 - H	12,756	12,129	17,594	64,503	169,781	96,158	22,949	13,893	15,634	18,232	13,234	13,234	456,865	14,123	3%
	2070 - I	12,832	11,584	15,921	44,357	143,275	129,849	39,695	25,018	15,131	17,359	18,831	13,518	487,371	10,314	2%
	2070 - J	13,542	12,957	19,112	60,265	220,754	136,847	29,682	24,132	15,258	15,830	18,772	14,103	581,254	-83,569	-17%
09119000	Tomichi Creek At Gunnison															
	Historical	3,731	3,595	6,839	12,627	28,071	39,679	17,835	4,005	1,690	5,071	4,958	4,060	132,162	N/A	N/A
	2070 - F	2,996	3,262	7,712	17,006	19,445	7,827	6,265	1,591	978	1,247	4,138	3,217	75,684	56,478	43%
	2070 - G	3,177	3,264	7,597	13,149	19,570	12,334	7,097	1,706	1,051	1,420	4,294	3,455	78,115	54,047	41%
	2070 - H	3,757	4,061	8,193	17,986	27,017	15,806	8,728	2,158	1,198	2,167	4,949	4,013	100,035	32,127	24%
	2070 - I	3,587	3,643	7,606	14,418	28,972	25,505	12,370	2,924	1,348	2,412	4,932	3,957	111,674	20,488	16%
	2070 - J	4,015	4,292	9,144	19,799	41,554	25,099	11,560	2,713	1,269	2,130	5,401	4,335	131,313	849	1%
09126500	Cimarron River At Cimarron															
	Historical	1,162	1,204	2,290	4,271	16,481	22,535	8,025	5,187	3,708	2,013	418	1,095	68,389	N/A	N/A
	2070 - F	882	1,153	2,423	4,293	10,226	2,931	3,523	3,711	2,821	1,455	326	853	34,597	33,792	49%
	2070 - G	953	1,176	2,520	4,160	12,078	5,336	3,735	4,068	3,143	1,609	346	935	40,058	28,331	41%
	2070 - H	1,055	1,435	3,057	6,034	16,060	5,967	3,875	4,221	3,306	1,751	367	1,017	48,145	20,244	30%
	2070 - I	911	1,121	2,430	4,860	17,963	11,851	4,532	4,520	3,296	1,691	367	895	54,437	13,952	20%
	2070 - J	1,033	1,454	3,498	7,090	23,926	8,967	4,207	4,504	3,262	1,671	410	970	60,991	7,398	11%
09128000	Gunnison River Below Gunnison Tunnel															
	Historical	62,262	57,048	67,155	105,277	94,131	91,895	80,330	60,327	55,800	73,686	66,724	60,236	874,870	N/A	N/A
	2070 - F	28,766	26,945	35,796	86,564	142,853	37,215	33,557	18,794	18,748	20,170	18,673	19,134	487,214	387,656	44%
	2070 - G	41,687	38,879	52,225	96,548	118,259	59,338	35,188	19,363	19,271	22,002	20,772	20,164	543,696	331,175	38%
	2070 - H	49,137	47,103	61,734	125,991	176,585	68,576	37,375	19,490	20,504	24,758	23,062	21,733	676,049	198,821	23%
	2070 - I	55,117	52,033	65,977	119,574	162,398	100,880	37,982	24,138	26,241	32,004	31,985	28,388	736,718	138,152	16%
	2070 - J	57,859	56,709	77,261	160,916	262,806	110,675	44,601	19,779	20,546	24,038	23,902	22,979	882,071	-7,201	-1%
09136200	Gunnison River Near Lazear															
	Historical	70,903	64,501	77,136	152,497	223,851	180,874	99,378	64,493	60,809	81,651	79,273	69,797	1,225,163	N/A	N/A
	2070 - F	36,578	34,085	44,314	152,364	267,130	59,741	37,978	19,127	20,646	24,459	27,726	27,184	751,334	473,829	39%
	2070 - G	50,333	46,469	62,192	156,944	246,325	102,992	41,518	21,280	21,943	27,108	30,401	28,813	836,317	388,846	32%
	2070 - H	58,582	56,128	74,604	199,481	329,412	114,667	44,298	21,691	23,421	30,403	33,443	31,055	1,017,185	207,977	17%
	2070 - I	63,213	59,402	77,112	181,980	315,450	169,874	47,458	27,646	29,790	38,084	42,697	37,244	1,089,950	135,213	11%
	2070 - J	68,009	68,039	96,259	251,506	470,864	178,886	53,567	23,099	24,208	29,942	34,930	32,909	1,332,217	-107,055	-9%

Table E7. 2070 Gunnison River Basin Average Monthly Modeled Streamflow (cont.)













2070 Climate Projections		Average Monthly Modeled Streamflow (AF)													Reduction in Avg Annual Modeled Streamflow	
USGS #	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	AF	Percent
Model																
09149500	Uncompahgre River At Delta															
	Historical 	10,728	9,508	9,420	10,937	26,285	43,292	22,430	16,435	14,256	15,155	15,150	12,600	206,194	N/A	N/A
	2070 - F 	7,686	7,259	4,713	5,618	16,864	5,647	5,324	7,905	9,487	7,405	9,224	8,254	95,387	110,807	54%
	2070 - G 	9,065	8,349	6,816	6,836	17,508	10,081	6,815	9,064	11,199	8,944	9,677	8,993	113,348	92,847	45%
	2070 - H 	10,100	9,973	9,780	9,392	23,193	11,133	7,336	9,807	12,507	9,856	10,192	10,060	133,329	72,865	35%
	2070 - I 	8,622	8,314	8,627	10,740	26,304	21,916	11,101	11,820	12,647	9,713	11,050	9,722	150,576	55,618	27%
	2070 - J 	9,911	10,991	12,490	15,295	34,552	13,736	8,223	11,096	13,395	9,786	11,751	10,325	161,549	44,645	22%
09152500	Gunnison River Near Grand Junction															
	Historical 	94,636	87,113	105,858	188,414	307,316	259,744	143,331	101,031	97,344	113,287	110,242	96,283	1,704,598	N/A	N/A
	2070 - F 	56,846	55,759	69,509	157,062	301,358	92,893	56,651	41,064	45,736	46,443	51,292	48,196	1,022,808	681,790	40%
	2070 - G 	74,107	70,164	91,532	177,011	293,795	147,901	66,108	46,887	51,978	52,814	55,486	51,923	1,179,707	524,891	31%
	2070 - H 	84,045	83,463	110,412	220,668	381,490	161,822	69,674	49,192	55,090	57,056	59,309	55,813	1,388,034	316,564	19%
	2070 - I 	84,941	81,785	108,497	216,523	386,653	230,021	79,887	59,674	63,969	65,060	69,297	60,946	1,507,253	197,345	12%
	2070 - J 	94,162	99,391	143,168	291,390	543,180	235,602	81,781	54,263	59,416	57,533	63,483	58,740	1,782,109	-77,511	-5%

Table E8. 2070 San Juan/Dolores River Basin Average Monthly Modeled Streamflow

2070 Climate Projections		Average Monthly Modeled Streamflow (AF)													Reduction in Avg Annual Modeled Streamflow	
USGS #	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	AF	Percent
Model																
09171100	Dolores River Near Bedrock															
	Historical	3,099	4,416	11,591	41,619	55,238	35,261	5,773	4,404	3,558	3,358	2,689	2,877	173,882	N/A	N/A
	2070 - F	2,559	2,604	6,045	10,504	3,738	1,882	1,563	2,409	2,397	2,225	1,693	1,925	39,544	134,338	77%
	2070 - G	3,268	3,045	7,044	14,665	6,920	3,150	2,240	2,986	2,793	2,669	1,618	1,968	52,366	121,515	70%
	2070 - H	3,466	3,443	9,549	23,025	16,758	4,473	2,338	2,875	3,377	2,779	1,584	2,263	75,931	97,950	56%
	2070 - I	2,563	3,061	8,752	28,853	28,502	12,362	3,201	3,305	2,448	2,640	2,013	2,453	100,152	73,730	42%
	2070 - J	3,986	4,962	13,378	38,616	36,417	8,366	3,175	3,431	2,828	2,842	2,433	3,088	123,521	50,361	29%
09175500	San Miguel River At Naturita															
	Historical	5,051	5,132	8,374	37,321	52,757	46,112	22,258	10,080	7,480	7,096	6,213	5,430	213,306	N/A	N/A
	2070 - F	5,116	6,135	8,459	33,619	23,379	3,975	2,246	2,029	2,527	2,998	4,305	4,660	99,448	113,858	53%
	2070 - G	5,925	6,426	9,017	33,596	29,348	10,751	3,789	2,779	3,406	4,098	4,751	5,038	118,924	94,381	44%
	2070 - H	6,504	7,808	11,123	41,619	35,138	12,233	3,780	2,667	3,953	4,555	4,899	5,494	139,771	73,534	34%
	2070 - I	4,483	5,052	8,864	40,785	46,354	25,547	8,437	4,552	3,168	3,753	4,511	4,634	160,140	53,166	25%
	2070 - J	6,043	8,580	13,861	52,420	49,750	18,563	4,822	3,178	2,626	3,080	4,763	5,234	172,918	40,387	19%
09346400	San Juan River Near Carracas															
	Historical	8,971	10,044	29,416	56,643	94,348	90,219	31,149	19,448	14,774	14,574	11,524	9,329	390,438	N/A	N/A
	2070 - F	11,270	16,473	46,023	77,065	91,702	24,867	2,710	4,076	6,141	6,854	7,792	9,030	304,003	86,435	22%
	2070 - G	9,910	14,359	38,987	59,749	78,105	33,876	3,954	4,449	6,782	8,019	8,541	8,165	274,896	115,542	29%
	2070 - H	13,713	22,302	54,707	80,482	102,068	41,038	4,836	4,615	6,836	11,930	12,753	10,534	365,813	24,625	6%
	2070 - I	7,623	10,192	34,594	66,867	108,589	65,627	10,877	8,474	8,498	8,848	8,287	7,123	345,598	44,840	11%
	2070 - J	13,330	22,315	65,258	101,664	135,376	56,030	6,262	5,421	6,895	6,786	7,577	9,394	436,307	-45,869	-12%
09349800	Piedra River Near Arboles															
	Historical	4,222	4,820	16,998	50,939	73,845	57,106	17,609	11,888	10,462	9,329	6,850	4,948	269,016	N/A	N/A
	2070 - F	4,642	7,305	22,005	57,935	62,146	13,171	1,421	2,864	4,387	4,164	4,298	3,787	188,124	80,893	30%
	2070 - G	4,075	6,473	18,862	49,024	55,654	18,578	2,013	3,111	4,929	5,028	4,991	3,869	176,606	92,411	34%
	2070 - H	6,007	10,123	26,840	65,115	72,863	23,527	2,455	5,042	7,556	7,559	5,346	235,708	33,308	12%	
	2070 - I	3,245	4,591	17,866	55,788	77,306	38,324	5,809	3,275	5,883	5,241	4,554	3,406	227,552	41,464	15%
	2070 - J	5,509	10,093	33,168	77,592	93,800	31,744	3,142	3,728	4,877	3,985	4,036	3,652	275,327	-6,310	-2%
09354500	Los Pinos River At La Boca															
	Historical	5,128	9,091	14,918	23,718	10,694	32,106	13,853	8,941	7,729	23,753	6,920	5,758	162,609	N/A	N/A
	2070 - F	2,462	5,899	10,239	11,736	27,558	9,014	5,376	5,161	4,307	3,075	1,578	1,486	87,891	74,718	46%
	2070 - G	2,315	5,862	9,682	9,463	17,848	13,999	5,691	5,415	4,570	3,604	2,209	1,761	82,419	80,190	49%
	2070 - H	3,437	9,527	15,371	18,347	24,495	18,108	6,556	6,289	5,156	4,915	3,396	2,391	117,988	44,621	27%
	2070 - I	2,022	4,629	12,075	15,335	18,201	27,799	7,110	6,845	5,817	5,475	2,777	2,015	110,100	52,509	32%
	2070 - J	3,606	10,097	18,938	21,628	31,958	24,766	6,936	6,767	5,763	3,959	2,250	2,189	138,858	23,751	15%
09363200	Florida River At Bondad															
	Historical	1,559	1,908	4,411	6,573	11,745	8,914	1,301	1,052	1,640	2,441	2,344	1,726	45,613	N/A	N/A
	2070 - F	1,233	2,897	5,250	5,312	7,680	3,235	1,157	1,307	1,664	1,423	1,176	938	33,273	12,340	26%
	2070 - G	1,178	3,061	4,836	4,756	7,680	4,202	1,204	1,277	1,716	1,643	1,364	957	33,872	11,742	25%
	2070 - H	1,645	4,170	6,436	6,251	9,858	4,873	1,402	1,473	1,904	2,286	1,850	1,220	43,368	2,245	4%
	2070 - I	968	1,807	5,069	6,137	11,087	6,546	1,323	1,273	1,883	1,661	1,286	950	39,990	5,624	12%
	2070 - J	1,792	4,833	8,766	7,754	12,622	5,747	1,529	1,562	2,012	1,630	1,342	1,117	50,708	-5,094	-12%
09363500	Animas River Near Cedar Hill, Nm															
	Historical	15,375	14,912	27,496	60,912	150,858	169,022	70,267	35,738	30,438	27,279	20,357	16,975	639,629	N/A	N/A
	2070 - F	15,268	19,522	37,680	90,769	148,443	34,470	7,870	7,396	11,078	11,336	12,992	13,307	410,131	229,499	36%
	2070 - G	16,086	20,101	35,509	75,466	138,622	61,253	14,273	10,439	13,821	15,165	15,842	14,755	431,331	208,298	33%
	2070 - H	19,085	25,737	43,770	90,714	169,020	69,020	15,928	10,722	14,304	18,715	18,363	16,526	511,905	127,724	20%
	2070 - I	12,315	13,689	30,268	73,227	176,321	114,269	30,611	18,776	15,648	14,235	13,577	12,359	525,295	114,334	18%
	2070 - J	16,567	24,862	50,211	100,175	214,632	92,841	19,663	12,914	13,128	11,622	12,821	12,853	582,289	57,340	9%

Table E8. 2070 San Juan/Dolores River Basin Average Monthly Modeled Streamflow (cont.)

2070 Climate Projections		Average Monthly Modeled Streamflow (AF)												Reduction in Avg Annual Modeled Streamflow		
USGS #	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	AF	Percent
Model																
09365500	La Plata River At Hesperus															
	Historical	439	427	1,078	4,383	8,717	6,608	1,883	1,190	977	798	682	537	27,720	N/A	N/A
	2070 - F	438	550	2,131	8,964	7,597	1,194	396	441	552	550	541	487	23,842	3,878	14%
	2070 - G	524	581	1,900	7,201	7,492	2,069	522	497	621	692	635	604	23,339	4,382	16%
	2070 - H	611	740	2,081	8,363	9,535	2,341	552	503	628	840	723	710	27,628	93	0%
	2070 - I	275	309	1,172	5,944	9,809	4,254	837	682	562	489	408	324	25,065	2,655	10%
	2070 - J	342	535	2,098	8,744	12,131	3,254	643	553	555	440	431	358	30,083	-2,362	-9%
09366500	La Plata River At Colorado-New Mexico State Line															
	Historical	867	1,039	2,599	6,348	3,483	2,196	891	464	309	629	1,074	935	20,832	N/A	N/A
	2070 - F	685	1,104	2,782	6,110	1,529	766	574	507	310	505	681	650	16,205	4,627	22%
	2070 - G	721	1,162	2,763	5,706	1,544	964	614	512	307	584	766	699	16,341	4,491	22%
	2070 - H	831	1,424	3,397	7,324	2,291	1,098	640	530	320	740	869	790	20,254	578	3%
	2070 - I	647	845	2,355	6,322	2,534	1,464	705	515	344	483	729	667	17,609	3,223	15%
	2070 - J	755	1,638	4,477	9,235	3,199	1,335	692	552	350	464	723	688	24,108	-3,276	-16%
09371000	Mancos River Near Towaoc															
	Historical	829	1,330	3,119	5,254	4,885	2,603	1,589	1,176	984	814	947	732	24,260	N/A	N/A
	2070 - F	848	1,492	2,286	2,292	1,448	1,201	722	674	652	603	725	628	13,572	10,688	44%
	2070 - G	837	1,587	2,370	2,532	1,714	1,292	873	726	697	654	741	600	14,624	9,636	40%
	2070 - H	921	1,767	3,227	3,886	2,598	1,537	1,023	779	729	714	765	634	18,581	5,680	23%
	2070 - I	737	1,181	2,672	3,730	3,533	1,672	1,257	917	751	626	744	662	18,482	5,778	24%
	2070 - J	1,069	2,401	4,767	5,460	4,047	1,809	1,208	876	754	608	764	703	24,466	-206	-1%

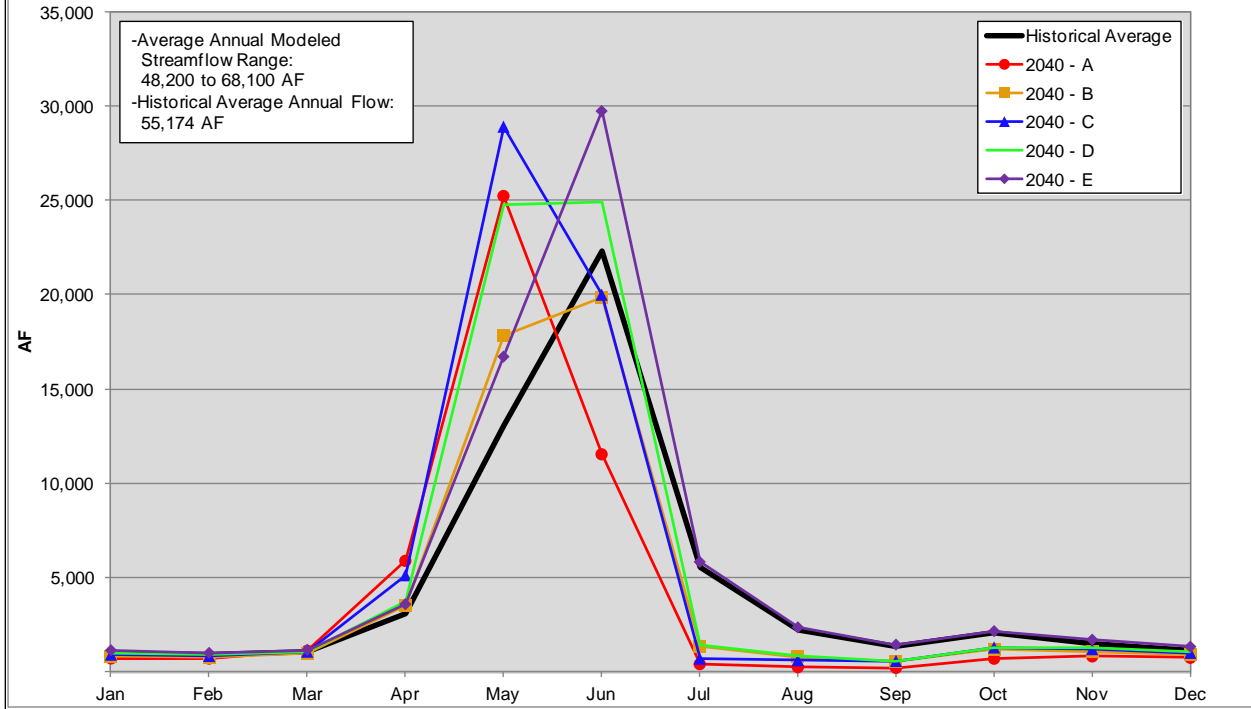
Table E9. 2070 Yampa River Basin Average Monthly Modeled Streamflow

2070 Climate Projections		Average Monthly Modeled Streamflow (AF)													Reduction in Avg Annual Modeled Streamflow	
USGS #	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	AF	Percent
Model																
09237500	Yampa River Below Stagecoach Reservoir															
	Historical	2,978	2,675	3,665	5,135	7,671	8,889	5,892	4,753	3,760	3,567	3,311	2,901	55,196	N/A	N/A
	2070 - F	2,012	2,014	4,362	13,539	11,215	4,596	4,627	3,878	2,222	1,828	2,181	1,759	54,234	963	2%
	2070 - G	2,379	2,143	4,427	11,253	9,513	6,650	4,772	4,184	3,117	2,685	2,595	2,305	56,022	-826	-1%
	2070 - H	2,473	2,441	4,827	12,878	10,850	6,245	4,858	4,295	3,145	2,584	2,450	2,218	59,265	-4,069	-7%
	2070 - I	2,708	2,290	4,374	9,507	10,900	8,949	5,003	4,538	3,788	3,412	3,150	2,830	61,451	-6,254	-11%
	2070 - J	2,958	3,137	9,370	21,730	18,035	10,322	5,295	4,767	3,883	3,421	3,266	2,890	89,075	-33,879	-61%
09241000	Elk River At Clark															
	Historical	3,449	3,121	5,423	15,171	66,083	80,253	28,876	7,654	4,882	4,695	3,761	3,946	227,313	N/A	N/A
	2070 - F	3,859	4,892	24,409	70,787	130,733	23,545	2,254	2,730	3,571	3,026	3,256	3,729	276,790	-49,477	-22%
	2070 - G	4,677	4,927	22,887	49,236	114,240	59,669	6,177	2,970	3,485	3,338	3,532	4,364	279,502	-52,189	-23%
	2070 - H	4,151	6,787	24,577	52,039	122,264	50,124	4,484	2,758	3,810	3,322	3,135	3,755	281,206	-53,894	-24%
	2070 - I	4,068	4,002	13,285	35,039	109,183	76,774	11,976	3,838	4,412	4,853	4,267	4,596	276,291	-48,978	-22%
	2070 - J	6,914	9,242	31,239	56,753	159,258	78,414	7,774	3,307	3,781	4,857	5,084	6,060	372,682	-145,369	-64%
09245000	Elkhead Creek Near Elkhead															
	Historical	330	315	684	6,887	22,414	6,860	851	281	218	385	399	354	39,976	N/A	N/A
	2070 - F	548	947	3,627	14,678	13,241	1,011	353	244	202	378	480	460	36,168	3,808	10%
	2070 - G	660	1,049	3,555	13,985	20,183	2,317	379	245	192	389	473	531	43,958	-3,982	-10%
	2070 - H	659	1,574	3,471	14,184	18,907	1,724	359	247	214	362	430	476	42,607	-2,631	-7%
	2070 - I	482	699	2,096	13,015	25,349	3,945	463	265	223	414	455	460	47,865	-7,889	-20%
	2070 - J	1,020	2,159	4,939	19,419	31,901	3,299	416	264	203	455	558	615	65,247	-25,270	-63%
09249750	Williams Fork At Mouth, Near Hamilton															
	Historical	3,354	3,013	5,418	18,203	56,006	38,580	9,898	3,378	2,119	3,441	3,483	3,622	150,515	N/A	N/A
	2070 - F	3,353	4,514	13,161	31,449	46,517	7,145	696	659	1,005	1,777	2,844	3,037	116,157	34,358	23%
	2070 - G	4,118	5,225	15,236	32,390	56,717	22,824	1,522	907	1,059	2,227	3,096	3,657	148,977	1,538	1%
	2070 - H	4,078	6,569	16,770	33,449	56,859	18,893	1,132	822	1,250	2,076	2,995	3,517	148,410	2,105	1%
	2070 - I	3,791	4,449	11,043	31,113	65,487	31,096	3,113	1,428	1,439	2,780	3,328	3,807	162,874	-12,359	-8%
	2070 - J	5,538	10,165	27,408	49,918	87,972	31,032	1,881	1,112	1,092	2,782	3,702	4,315	226,918	-76,403	-51%
09251000	Yampa River Near Maybell															
	Historical	14,760	17,819	42,470	144,825	358,912	323,173	79,007	14,740	10,404	19,594	17,647	15,068	1,058,420	N/A	N/A
	2070 - F	15,894	29,839	105,344	289,260	386,584	64,625	1,337	1,966	4,358	9,216	15,596	14,001	938,018	120,402	11%
	2070 - G	19,494	32,368	114,971	277,779	406,083	206,186	5,699	2,436	4,921	12,005	16,938	16,704	1,115,585	-57,165	-5%
	2070 - H	18,854	42,011	124,724	284,808	418,377	169,259	3,054	2,499	6,217	11,512	15,775	15,428	1,112,518	-54,098	-5%
	2070 - I	17,965	27,640	89,362	267,641	454,063	291,234	21,194	5,165	8,243	17,527	19,180	17,604	1,236,818	-178,398	-17%
	2070 - J	27,898	66,914	213,149	429,241	628,799	294,731	9,946	3,868	6,451	17,612	22,357	21,504	1,742,471	-684,051	-65%
09260000	Little Snake River Near Lily															
	Historical	5,235	7,301	22,956	54,403	144,786	109,592	19,394	2,138	2,223	5,790	6,697	5,825	386,341	N/A	N/A
	2070 - F	5,649	10,562	52,023	103,998	89,496	12,080	3,535	921	974	2,987	5,954	5,295	293,474	92,866	24%
	2070 - G	7,065	11,579	54,122	99,946	128,165	45,494	5,152	1,589	1,150	3,974	6,733	6,471	371,441	14,900	4%
	2070 - H	6,502	13,735	57,875	101,493	117,869	30,541	4,387	1,380	1,493	3,297	6,022	5,766	350,359	35,981	9%
	2070 - I	6,514	10,520	44,781	97,812	160,450	76,255	8,043	1,927	2,027	5,241	7,235	6,789	427,596	-41,255	-11%
	2070 - J	10,010	20,889	90,167	147,480	212,699	73,455	7,764	2,549	1,834	5,991	8,910	8,736	590,484	-204,143	-53%
09260050	Yampa River At Deerlodge Park															
	Historical	18,705	24,090	61,020	197,182	472,512	437,214	104,213	18,051	12,195	25,576	24,543	20,497	1,415,798	N/A	N/A
	2070 - F	19,477	36,800	135,882	371,581	423,438	78,484	3,793	2,822	4,597	12,194	21,698	18,684	1,129,450	286,348	20%
	2070 - G	24,246	40,560	145,798	361,978	488,204	256,053	11,309	4,828	5,748	16,389	24,069	22,535	1,401,716	14,082	1%
	2070 - H	22,881	49,696	155,588	368,384	485,230	203,583	7,348	4,505	7,325	14,965	22,104	20,518	1,362,127	53,671	4%
	2070 - I	22,827	35,784	119,294	354,584	567,813	372,477	31,544	8,329	10,033	23,120	26,764	23,871	1,596,440	-180,641	-13%
	2070 - J	34,846	79,574	261,687	553,499	773,500	375,549	18,805	8,261	8,650	24,421	31,800	29,699	2,200,291	-784,493	-55%

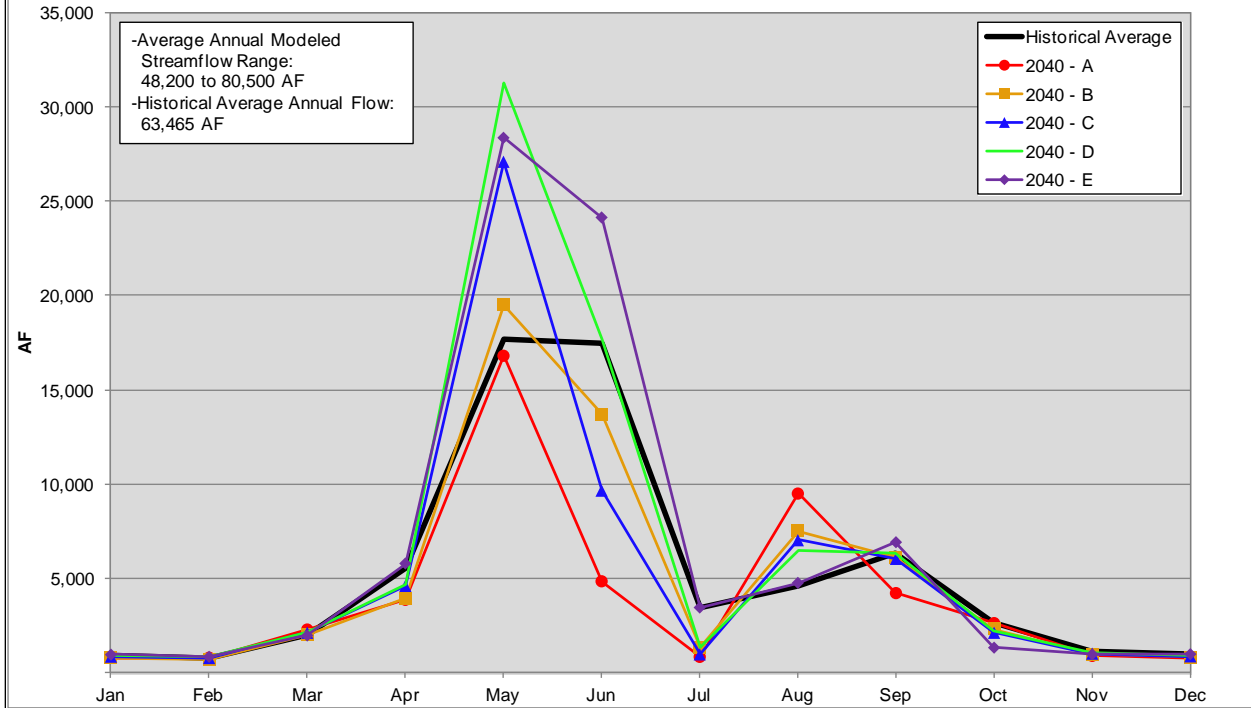
Table E10. 2070 White River Basin Average Monthly Modeled Streamflow

2070 Climate Projections		Average Monthly Modeled Streamflow (AF)												Reduction in Avg Annual Modeled Streamflow		
USGS #	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	AF	Percent
Model																
09303000	North Fork White River At Buford, Co															
	Historical	9,849	8,582	9,714	16,524	46,022	49,272	23,722	14,940	12,130	11,883	10,551	10,182	223,371	N/A	N/A
	2070 - F	5,958	7,120	18,043	47,157	83,278	17,379	4,076	3,495	4,084	4,949	5,339	5,362	206,241	17,130	8%
	2070 - G	7,714	8,653	19,188	39,522	72,989	38,795	8,541	5,906	5,551	6,439	6,501	6,977	226,776	-3,404	-2%
	2070 - H	7,897	10,301	22,438	42,801	80,692	34,507	7,244	5,284	5,596	6,522	6,661	7,056	236,999	-13,628	-6%
	2070 - I	8,409	8,492	14,785	30,916	69,916	47,302	12,624	8,359	7,513	8,132	7,938	8,188	232,575	-9,204	-4%
	2070 - J	9,535	14,057	31,536	51,078	105,887	50,901	10,061	6,978	6,210	7,192	7,559	8,050	309,043	-85,672	-38%
09304000	South Fork White River At Buford															
	Historical	6,365	5,881	6,563	9,420	37,628	59,043	19,149	9,974	7,725	7,633	6,824	6,636	182,842	N/A	N/A
	2070 - F	3,055	3,427	7,342	28,017	68,179	21,035	3,487	2,008	1,818	2,199	2,554	2,782	145,902	36,940	20%
	2070 - G	4,150	4,632	8,284	20,537	61,951	45,154	7,321	3,498	2,838	3,255	3,411	3,799	168,830	14,011	8%
	2070 - H	4,283	5,024	9,356	23,105	69,588	40,876	6,253	3,096	2,832	3,485	3,623	3,940	175,463	7,379	4%
	2070 - I	4,766	4,842	7,068	15,426	58,134	54,901	10,673	5,277	4,216	4,614	4,510	4,648	179,075	3,767	2%
	2070 - J	4,733	5,883	11,429	24,272	89,201	59,651	8,706	4,276	3,294	3,660	3,851	4,220	223,176	-40,334	-22%
09304800	White River Below Meeker															
	Historical	19,409	19,455	23,253	34,707	96,798	116,649	45,879	25,872	23,426	25,880	21,750	19,191	472,269	N/A	N/A
	2070 - F	12,185	15,769	33,314	60,428	114,850	32,226	2,567	1,607	4,210	9,668	11,626	10,559	309,010	163,259	35%
	2070 - G	15,978	20,889	40,004	60,373	119,615	82,662	11,369	5,190	8,049	13,526	14,079	13,520	405,253	67,016	14%
	2070 - H	16,104	23,418	45,835	64,281	128,647	72,982	8,419	4,449	8,766	13,603	14,287	13,589	414,380	57,890	12%
	2070 - I	16,806	19,808	32,828	54,419	125,896	105,110	21,224	11,331	13,070	17,635	16,806	15,535	450,469	21,801	5%
	2070 - J	19,799	33,909	69,985	89,436	182,837	113,713	15,642	8,551	10,250	15,708	16,211	15,629	591,671	-119,402	-25%
09306222	Piceance Creek At White River															
	Historical	1,360	1,505	2,471	3,089	4,075	2,035	1,256	1,284	969	1,613	1,562	1,438	22,657	N/A	N/A
	2070 - F	1,047	1,379	2,309	1,221	302	99	89	136	204	562	1,156	1,044	9,547	13,109	58%
	2070 - G	1,326	1,717	3,164	2,617	1,257	474	271	286	288	821	1,286	1,243	14,749	7,908	35%
	2070 - H	1,252	1,807	3,442	2,655	1,121	396	217	262	345	774	1,253	1,182	14,706	7,950	35%
	2070 - I	1,247	1,543	2,935	3,472	2,675	994	549	526	475	1,088	1,380	1,277	18,159	4,498	20%
	2070 - J	1,546	2,407	5,482	5,219	3,246	1,093	569	524	424	1,056	1,464	1,428	24,459	-1,802	-8%
09306395	White River Near Colorado-Utah State Line															
	Historical	21,497	22,783	29,804	41,284	100,168	123,533	49,998	26,537	24,868	26,208	22,642	20,918	510,239	N/A	N/A
	2070 - F	15,426	19,201	33,607	48,409	94,222	31,790	1,694	1,493	6,195	11,724	14,405	13,781	291,948	218,291	43%
	2070 - G	19,419	24,142	41,736	55,992	105,491	84,327	11,550	4,952	9,981	15,736	16,930	16,809	407,067	103,172	20%
	2070 - H	19,203	25,862	46,414	58,400	112,101	74,436	8,150	4,400	11,150	15,501	16,887	16,642	409,147	101,092	20%
	2070 - I	19,707	23,300	37,194	56,279	118,160	108,912	22,630	11,272	14,926	19,467	19,148	18,326	469,321	40,918	8%
	2070 - J	22,918	35,236	70,104	90,142	169,097	120,074	16,780	8,636	12,375	18,239	19,303	19,066	601,969	-91,730	-18%

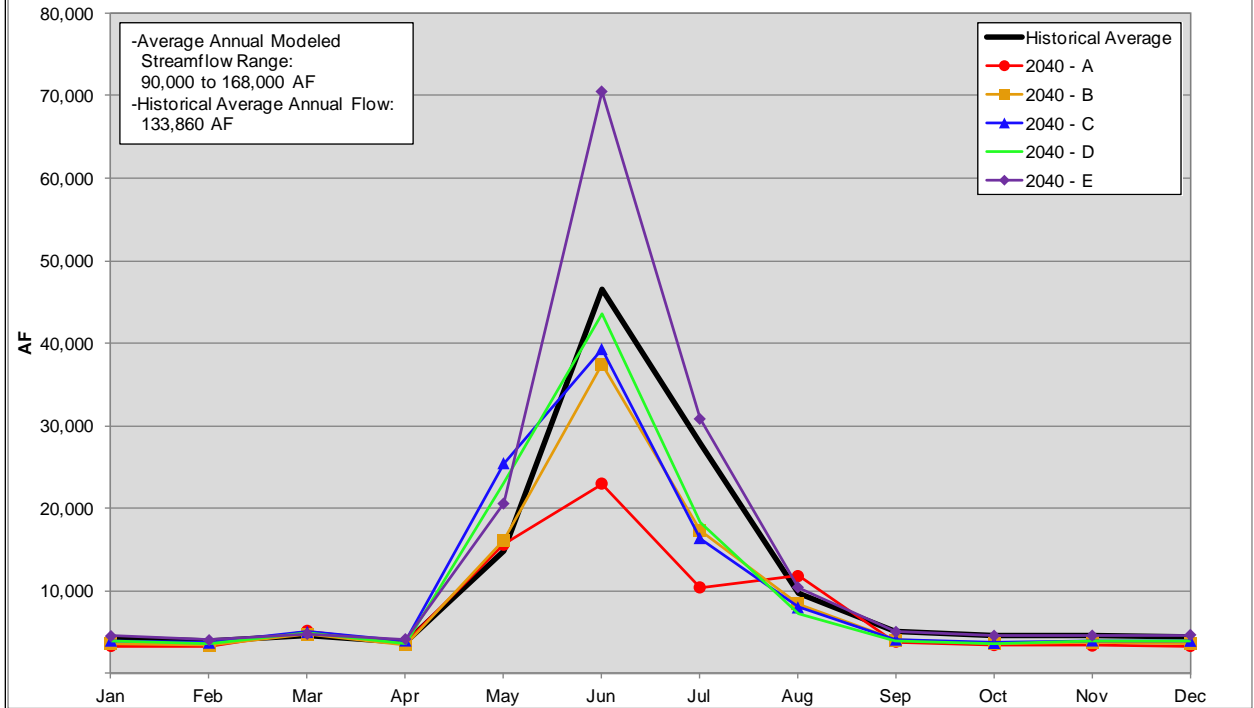
**Figure E1. Colorado River near Grand Lake (09011000)
2040 Average Monthly Modeled Streamflow**



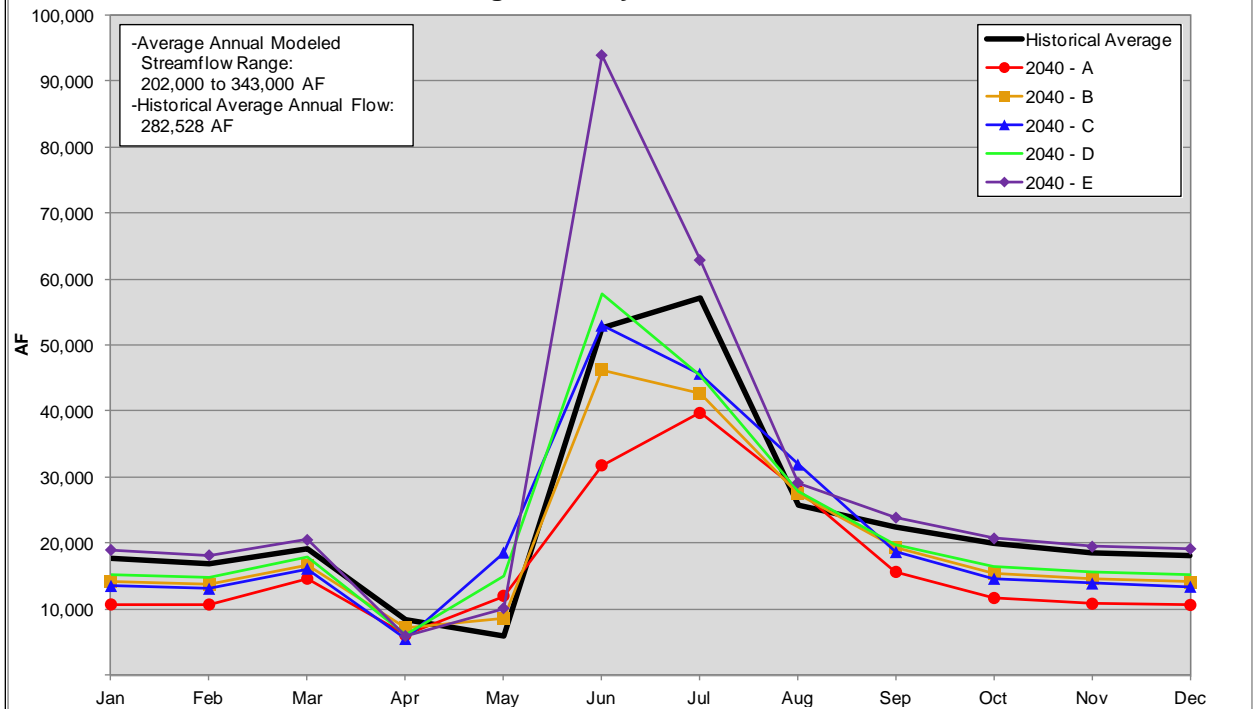
**Figure E2. Muddy Creek at Kremmling (09041500)
2040 Average Monthly Modeled Streamflow**

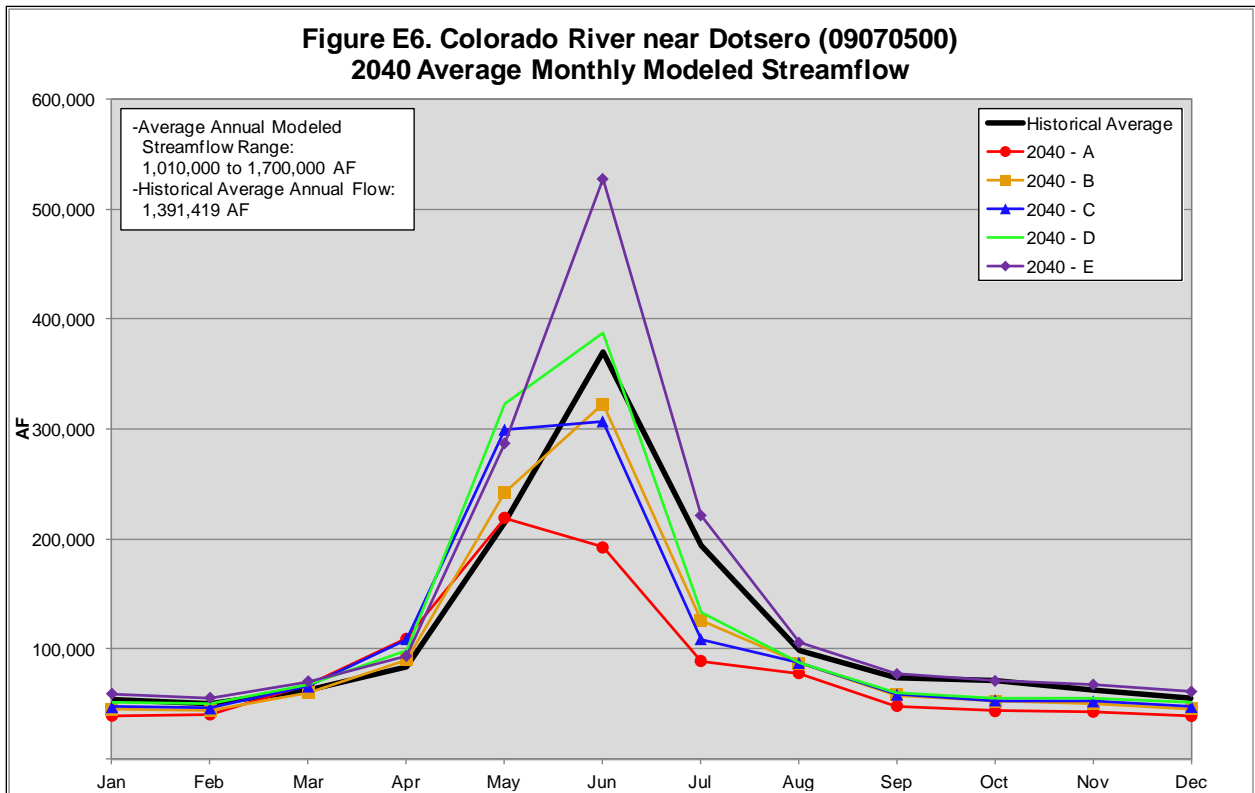
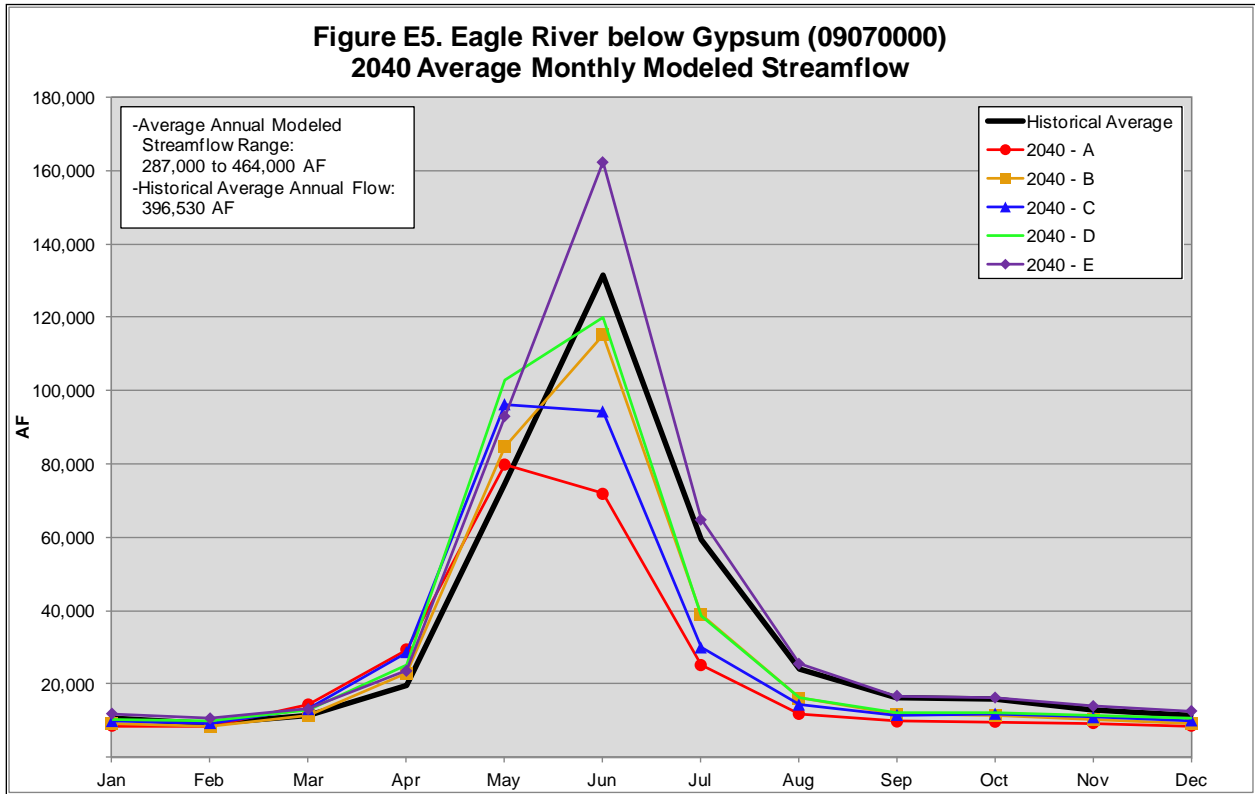


**Figure E3. Blue River below Dillon Reservoir (09050700)
2040 Average Monthly Modeled Streamflow**

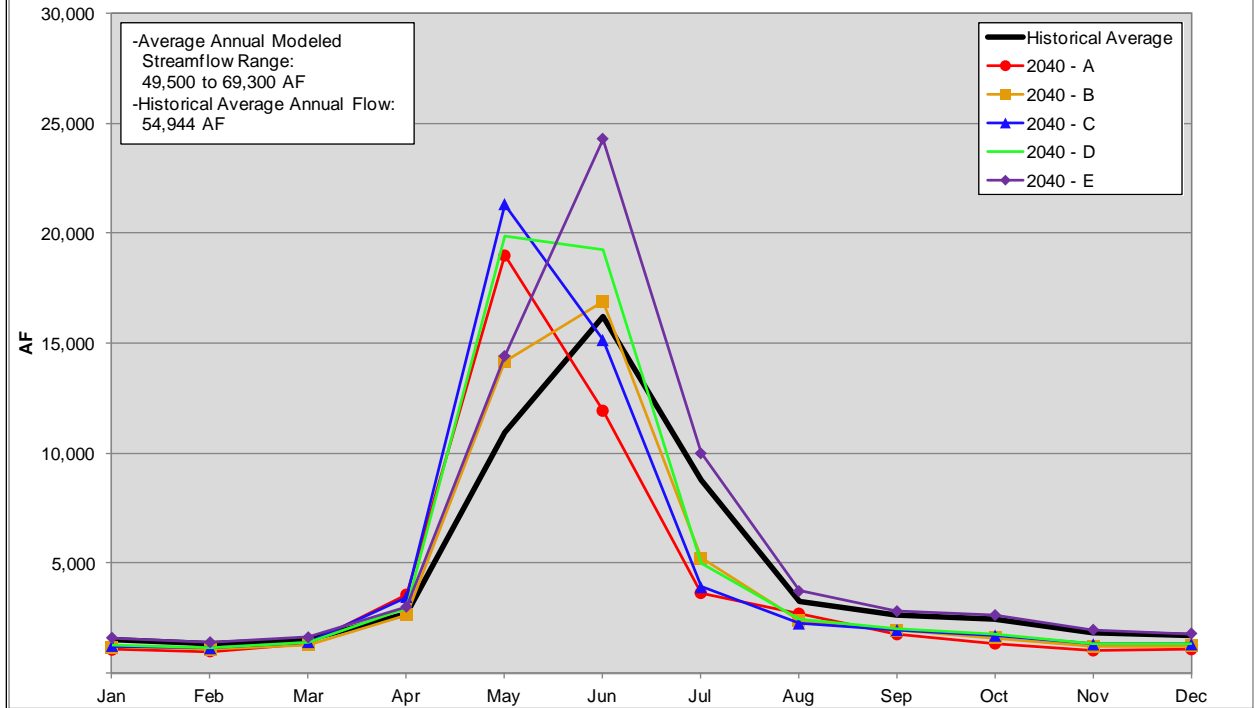


**Figure E4. Blue River below Green Mountain Reservoir (09057500)
2040 Average Monthly Modeled Streamflow**

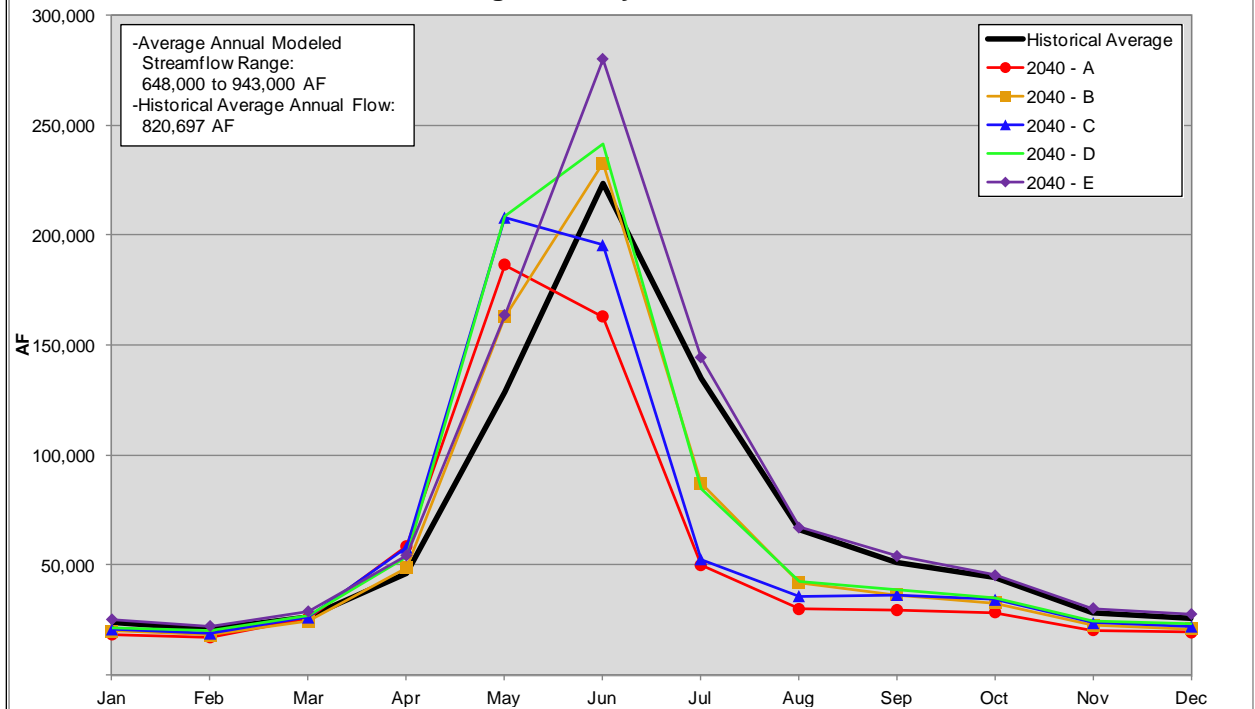




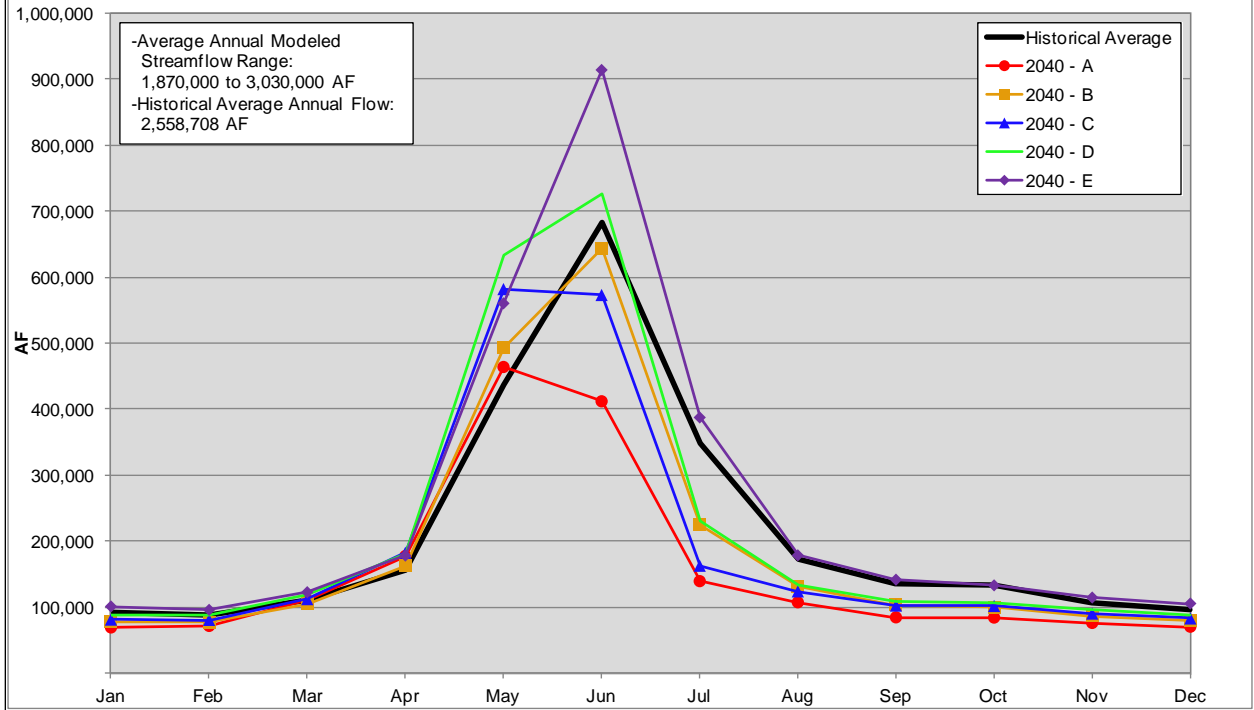
**Figure E7. Roaring Fork River near Aspen (09073400)
2040 Average Monthly Modeled Streamflow**



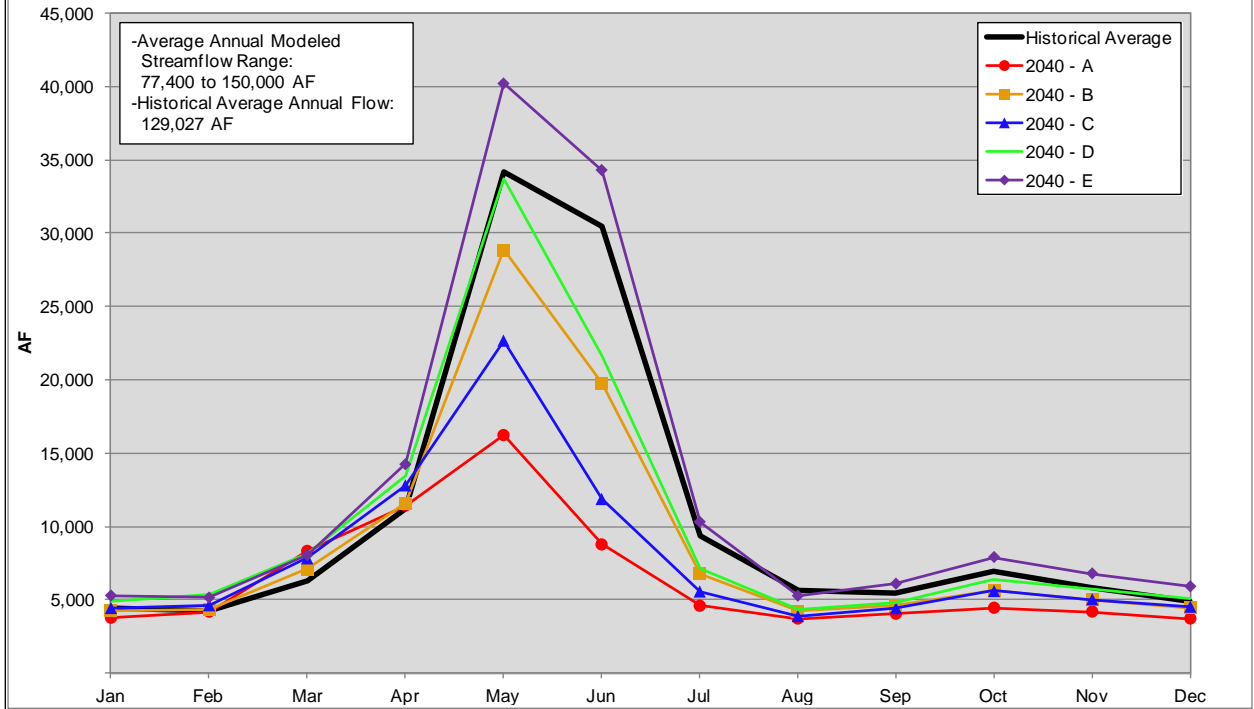
**Figure E8. Roaring Fork River at Glenwood Springs (09085000)
2040 Average Monthly Modeled Streamflow**



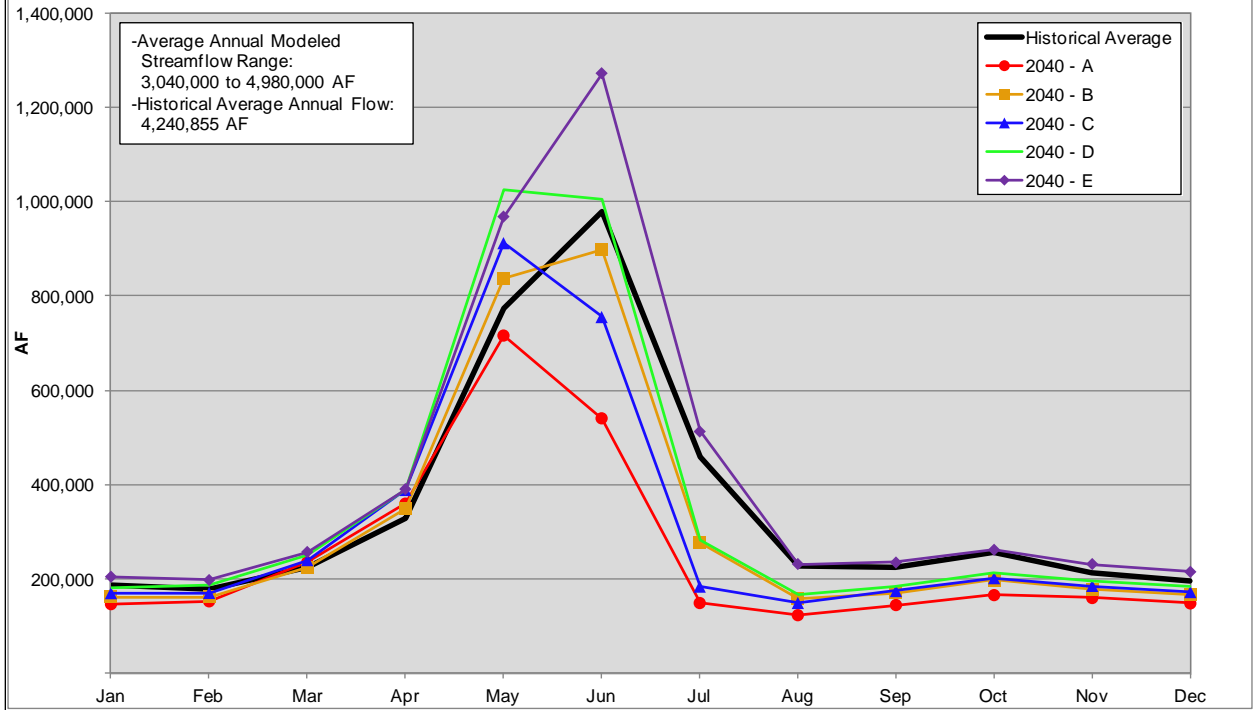
**Figure E9. Colorado River near Cameo (09095500)
2040 Average Monthly Modeled Streamflow**



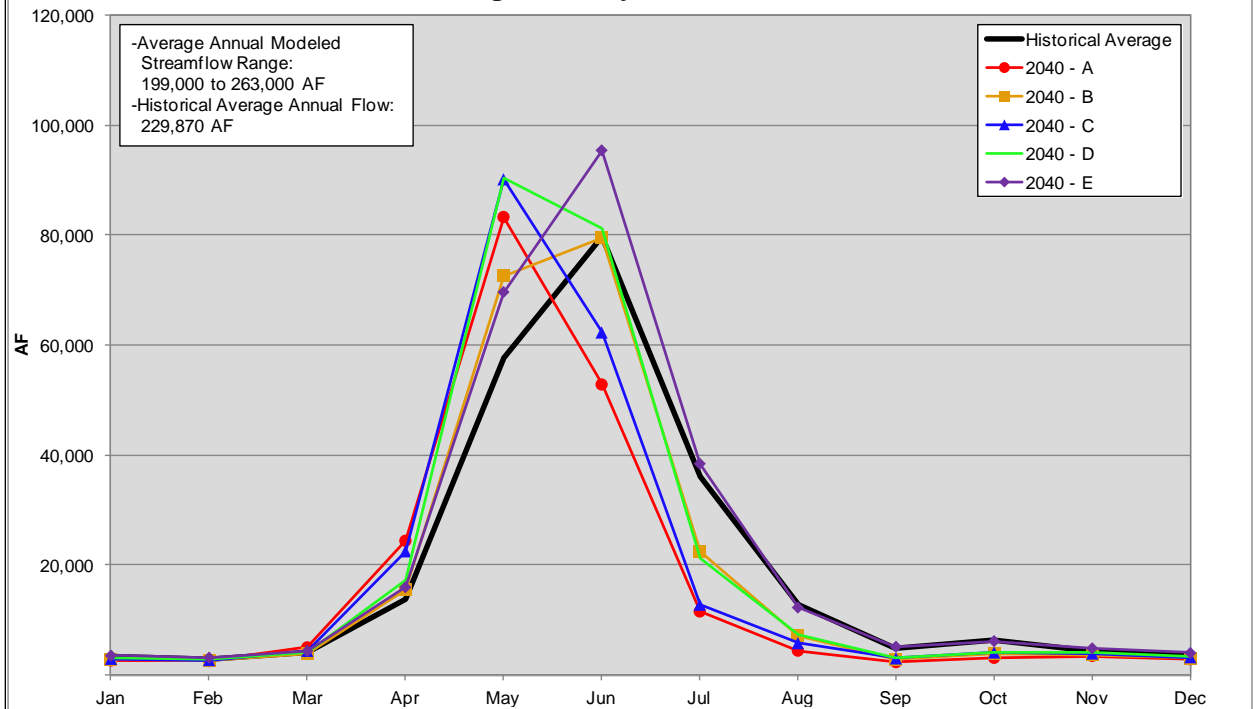
**Figure E10. Plateau Creek near Cameo (09105000)
2040 Average Monthly Modeled Streamflow**



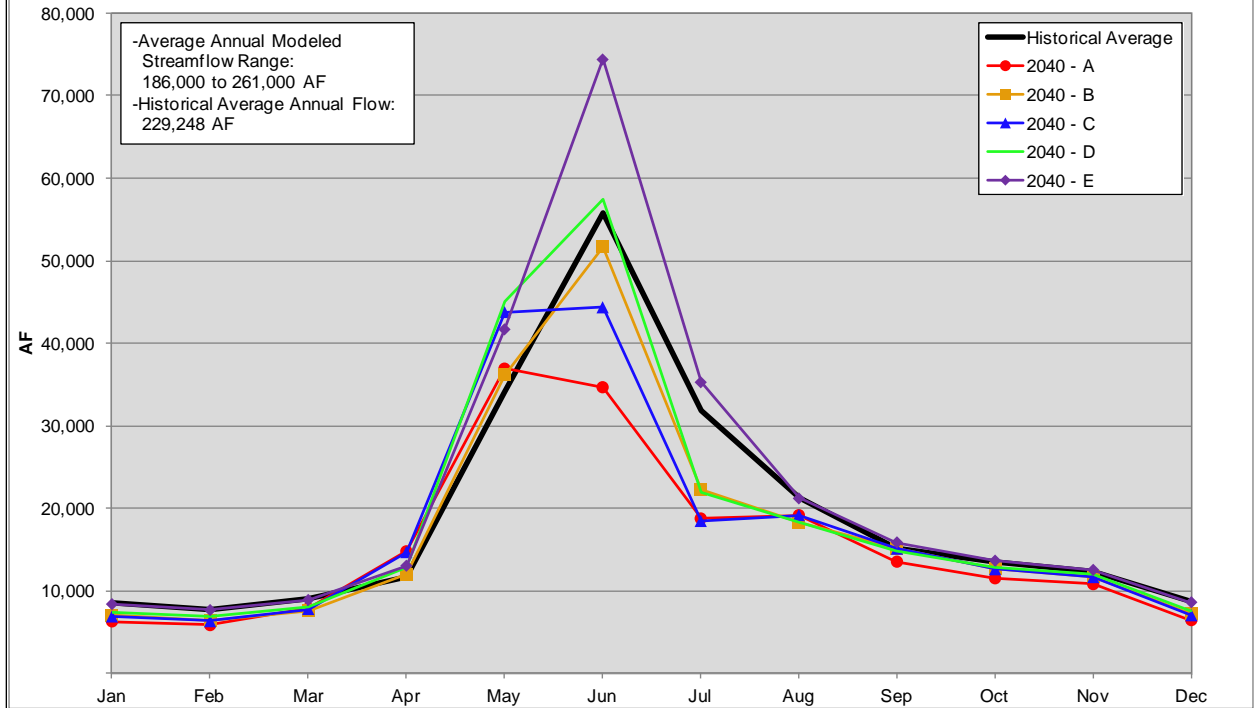
**Figure E11. Colorado River near Colorado-Utah State Line (09163500)
2040 Average Monthly Modeled Streamflow**



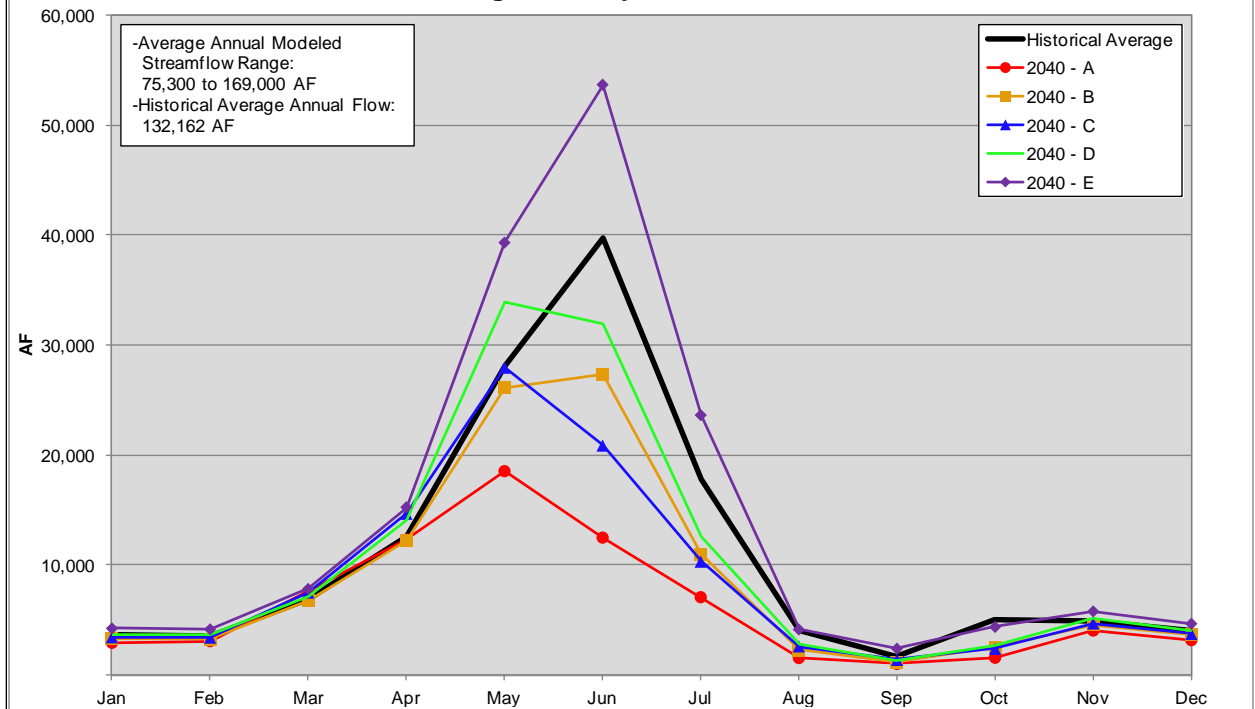
**Figure E12. East River at Almont (09112500)
2040 Average Monthly Modeled Streamflow**



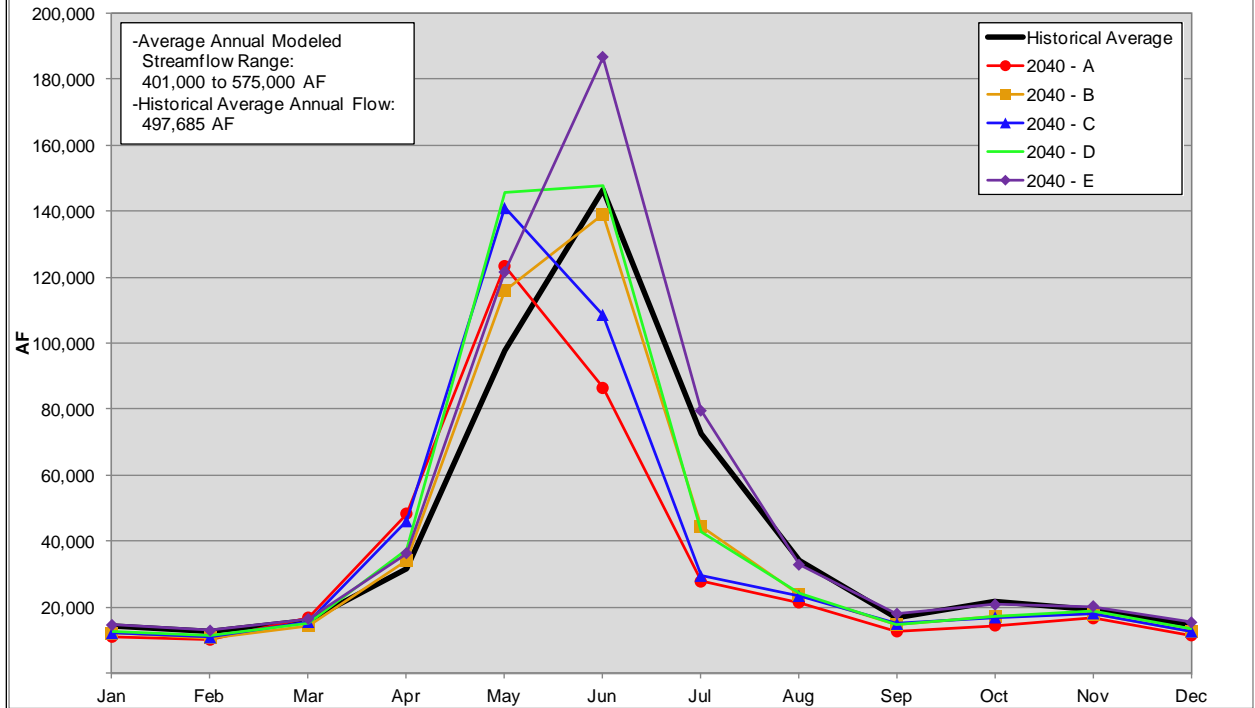
**Figure E13. Taylor River at Almont (09110000)
2040 Average Monthly Modeled Streamflow**



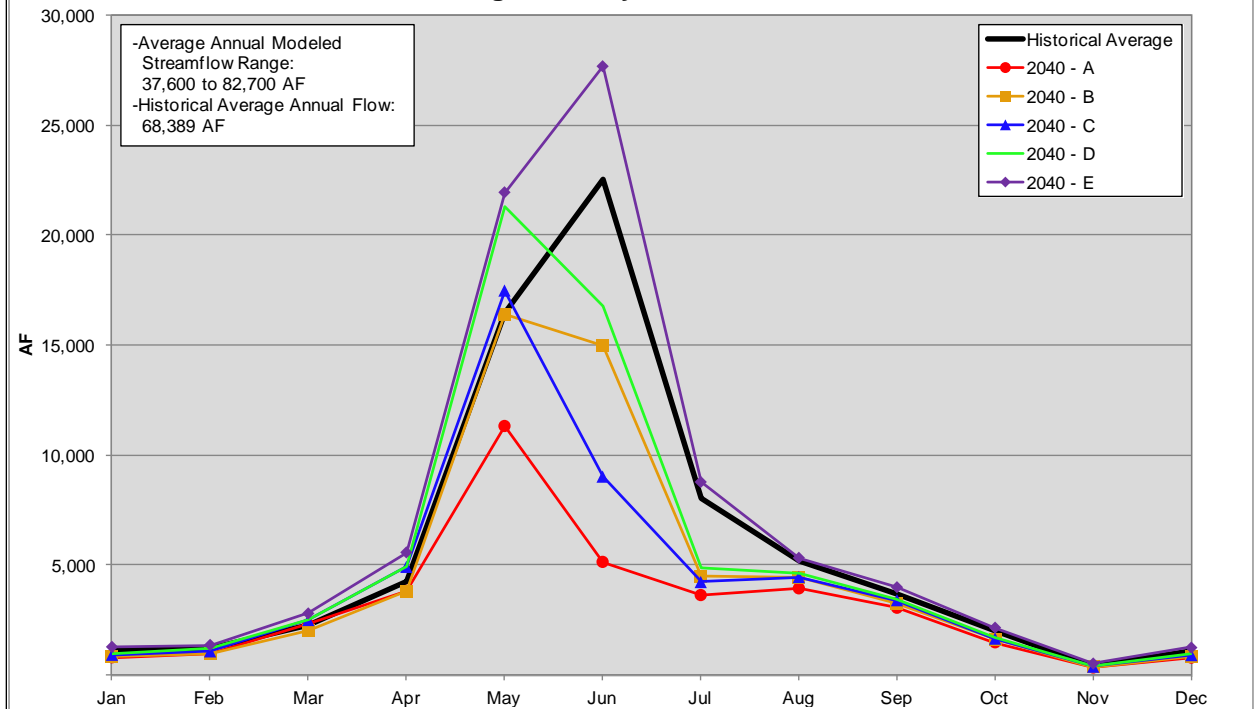
**Figure E14. Tomichi Creek at Gunnison (09119000)
2040 Average Monthly Modeled Streamflow**



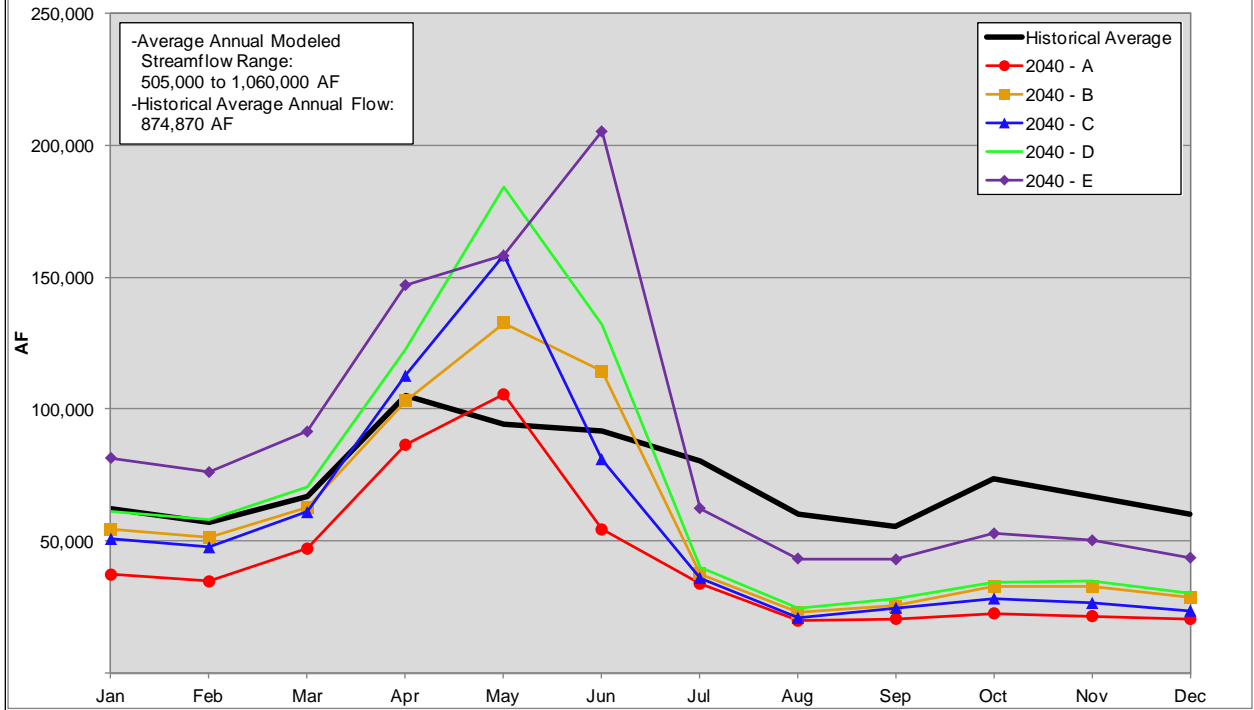
**Figure E15. Gunnison River near Gunnison (09114500)
2040 Average Monthly Modeled Streamflow**



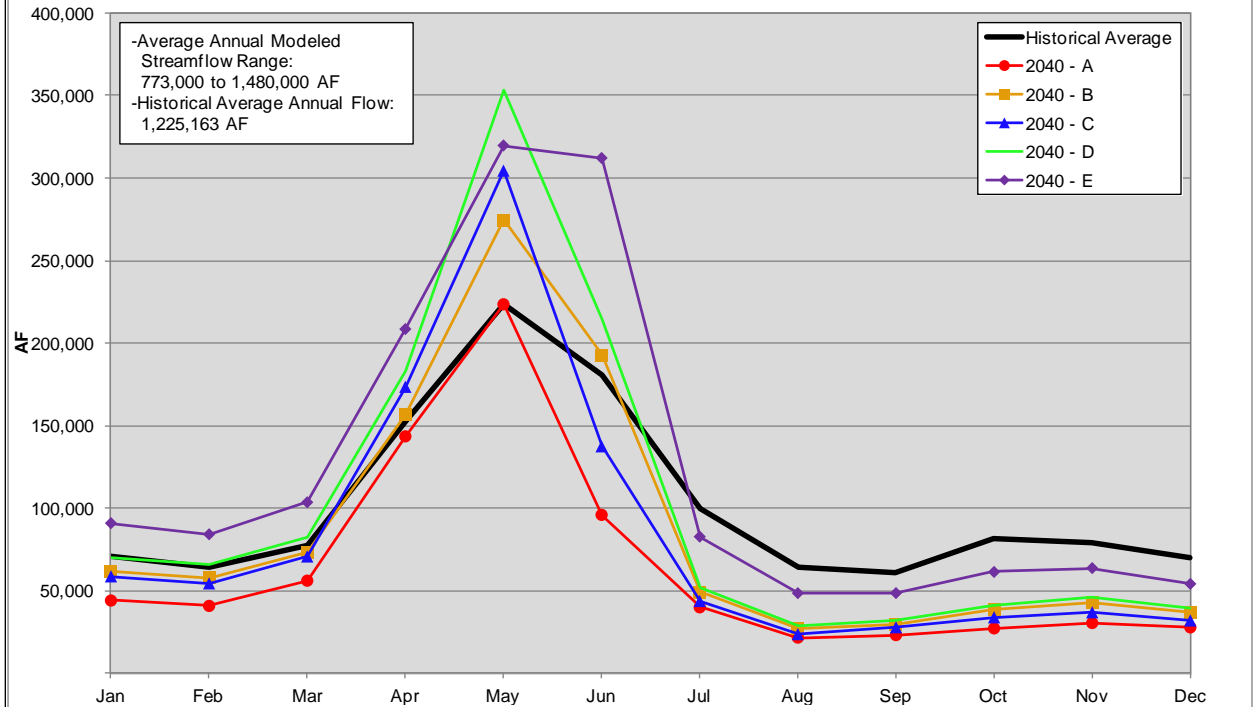
**Figure E16. Cimarron River at Cimarron (09126500)
2040 Average Monthly Modeled Streamflow**



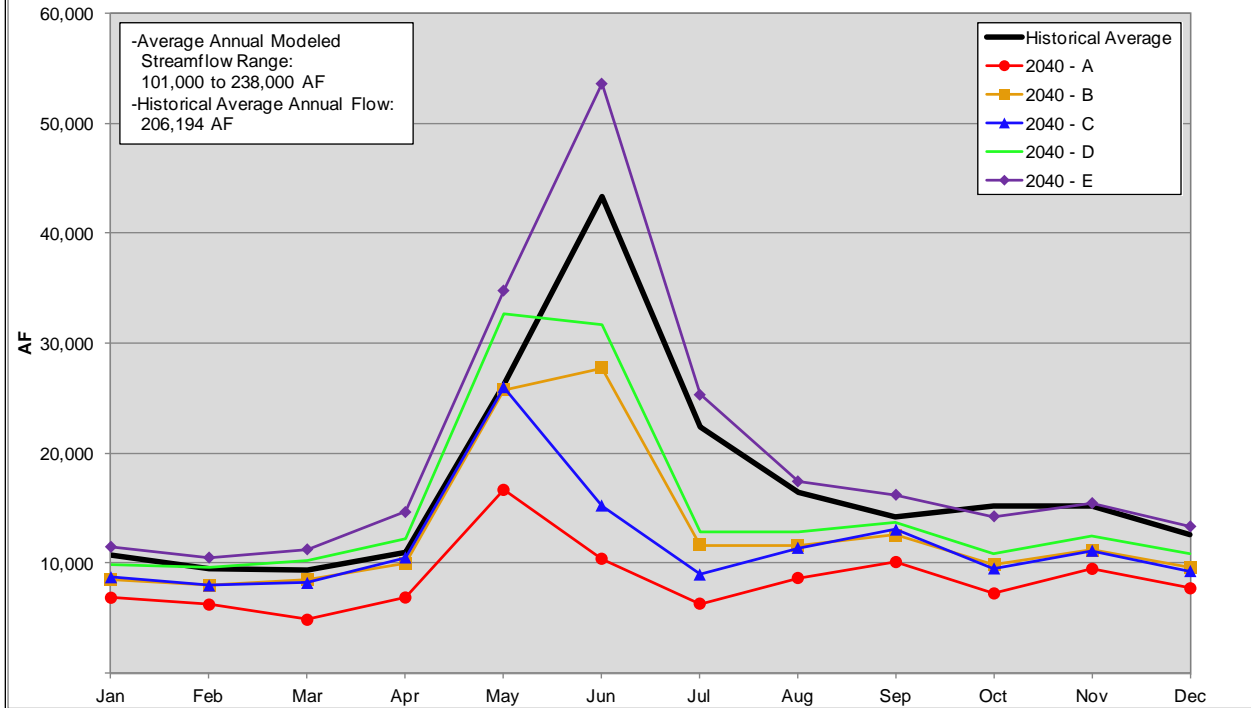
**Figure E17. Gunnison River below Gunnison Tunnel (09128000)
2040 Average Monthly Modeled Streamflow**



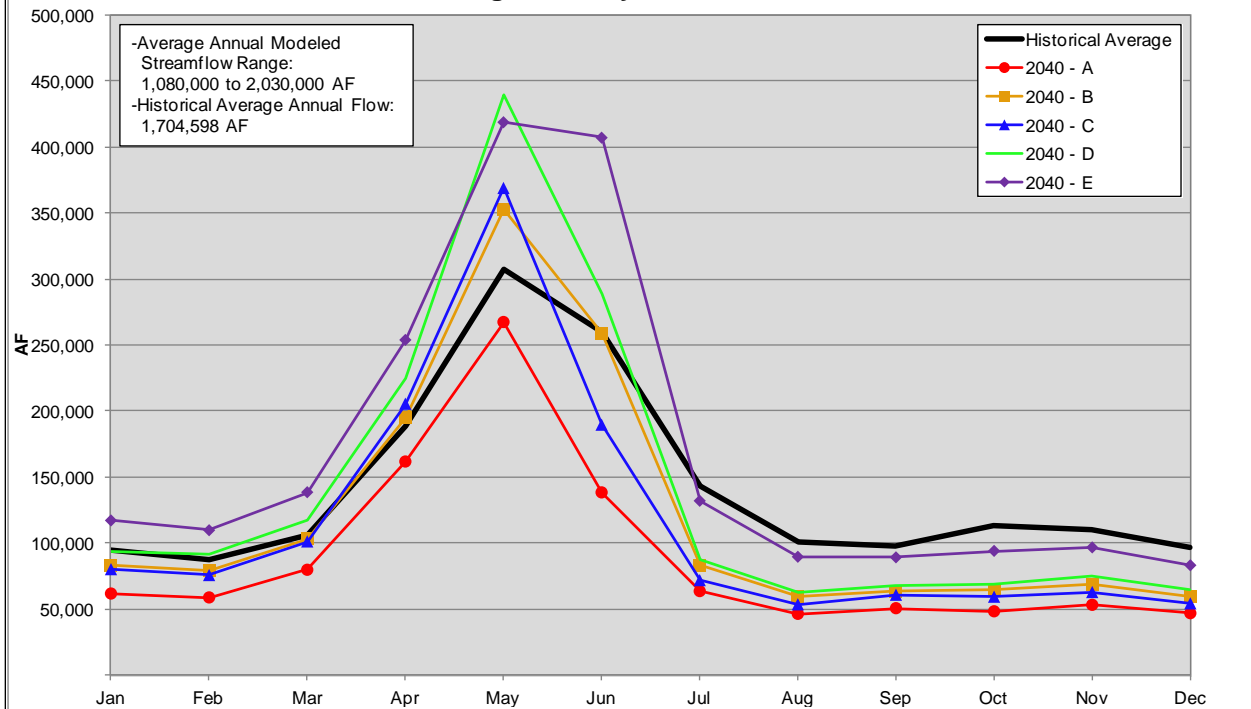
**Figure E18. Gunnison River near Lazear (09136200)
2040 Average Monthly Modeled Streamflow**



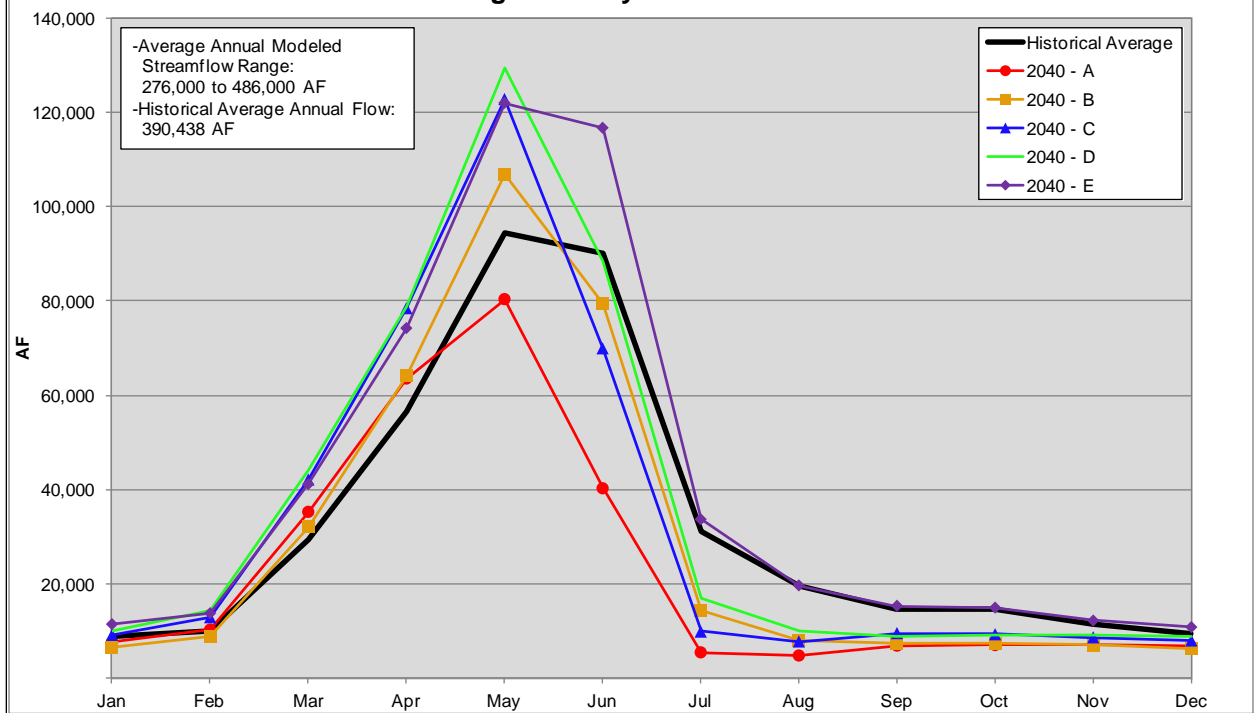
**Figure E19. Uncompahgre River at Delta (09149500)
2040 Average Monthly Modeled Streamflow**



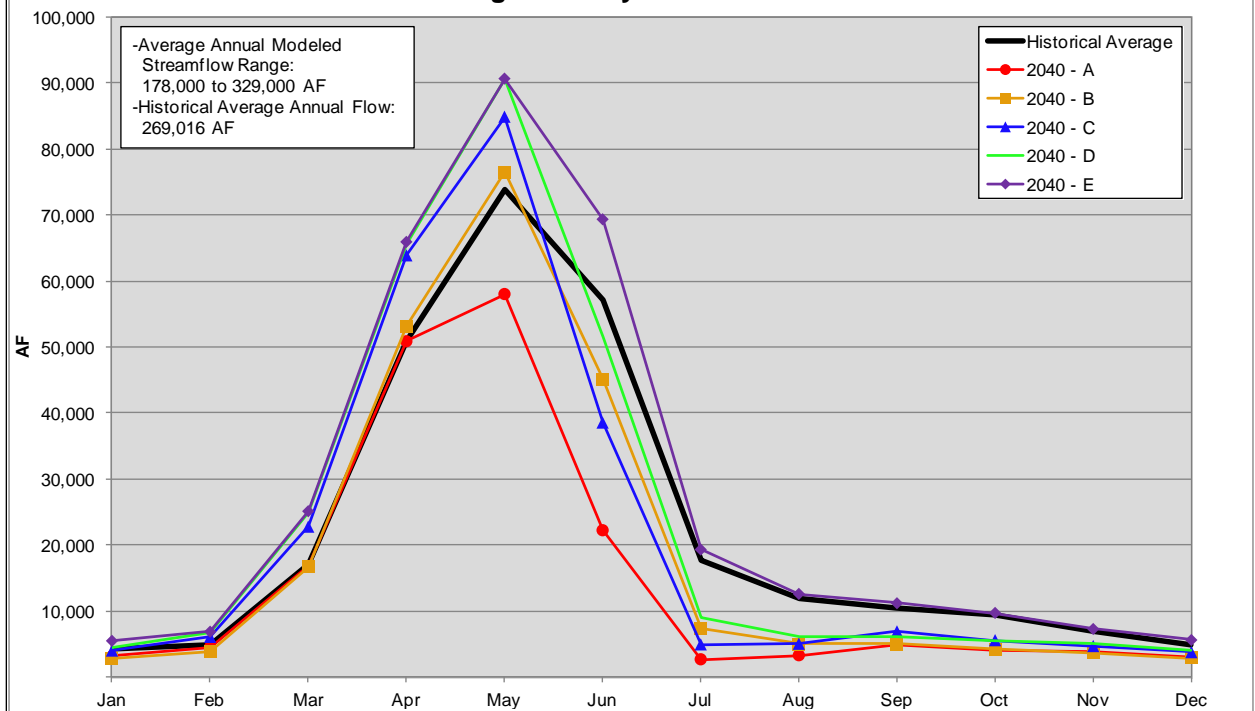
**Figure E20. Gunnison River near Grand Junction (09152500)
2040 Average Monthly Modeled Streamflow**



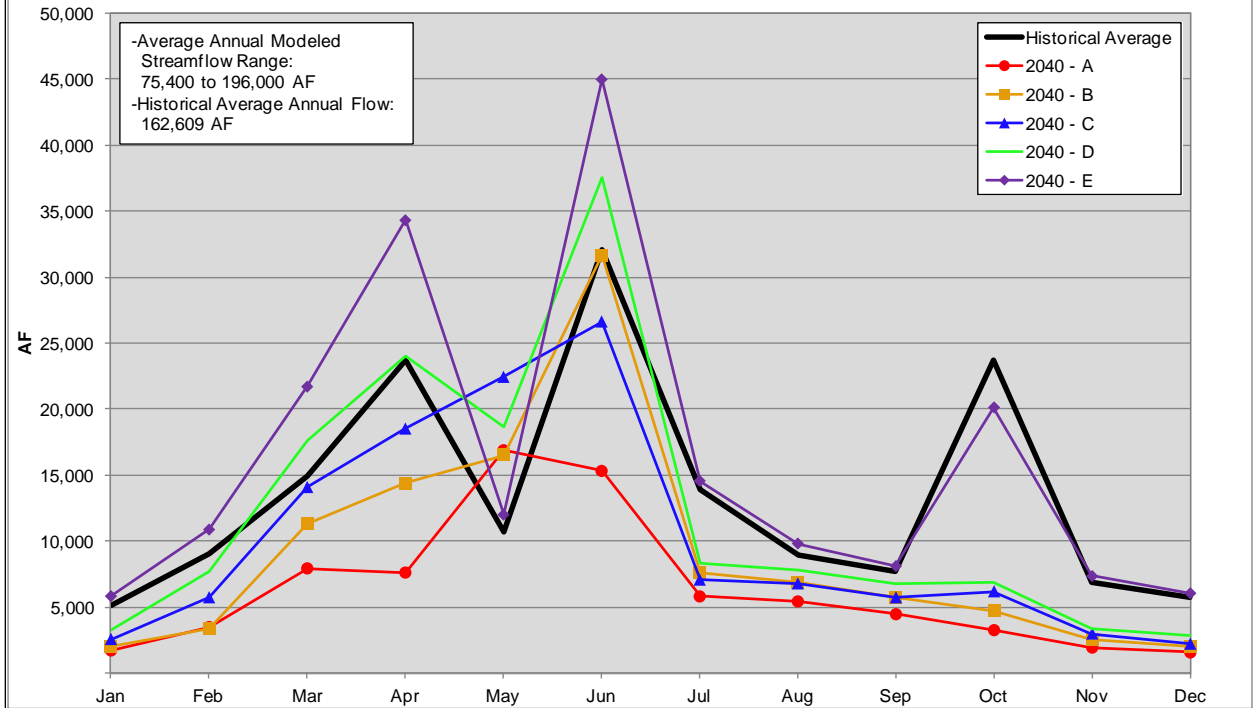
**Figure E21. San Juan River near Carracas (09346400)
2040 Average Monthly Modeled Streamflow**



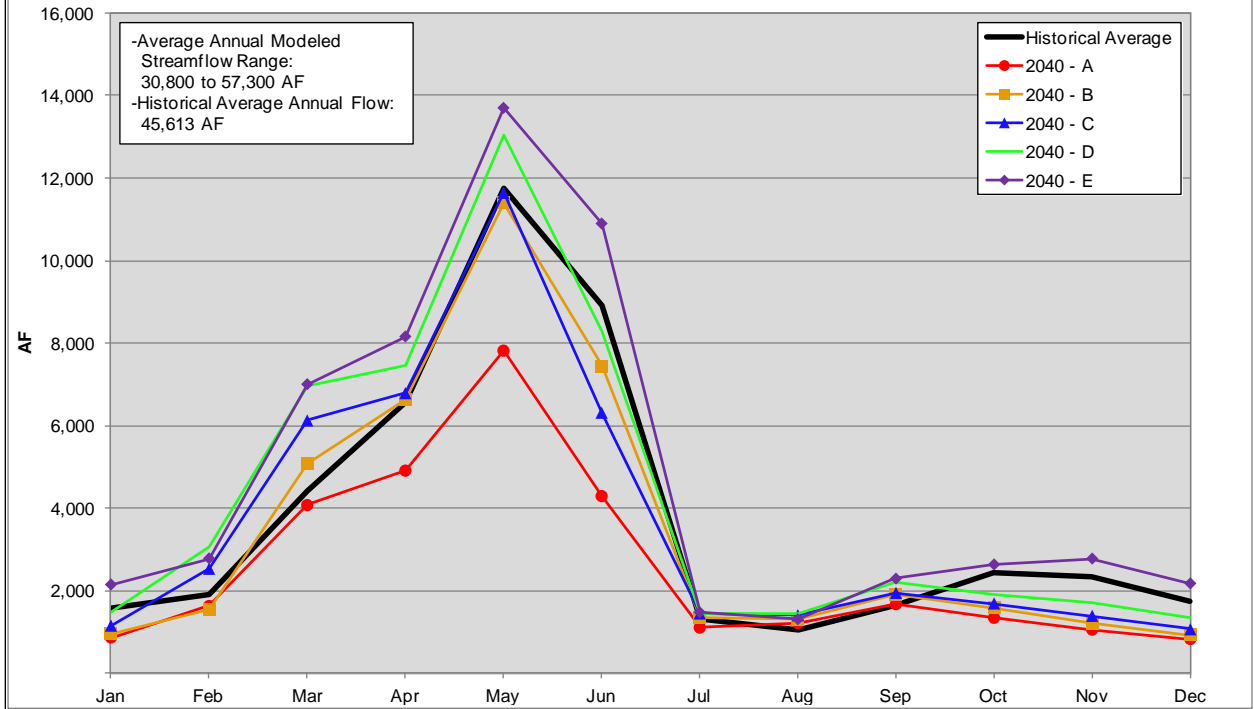
**Figure E22. Piedra River near Arboles (09349800)
2040 Average Monthly Modeled Streamflow**



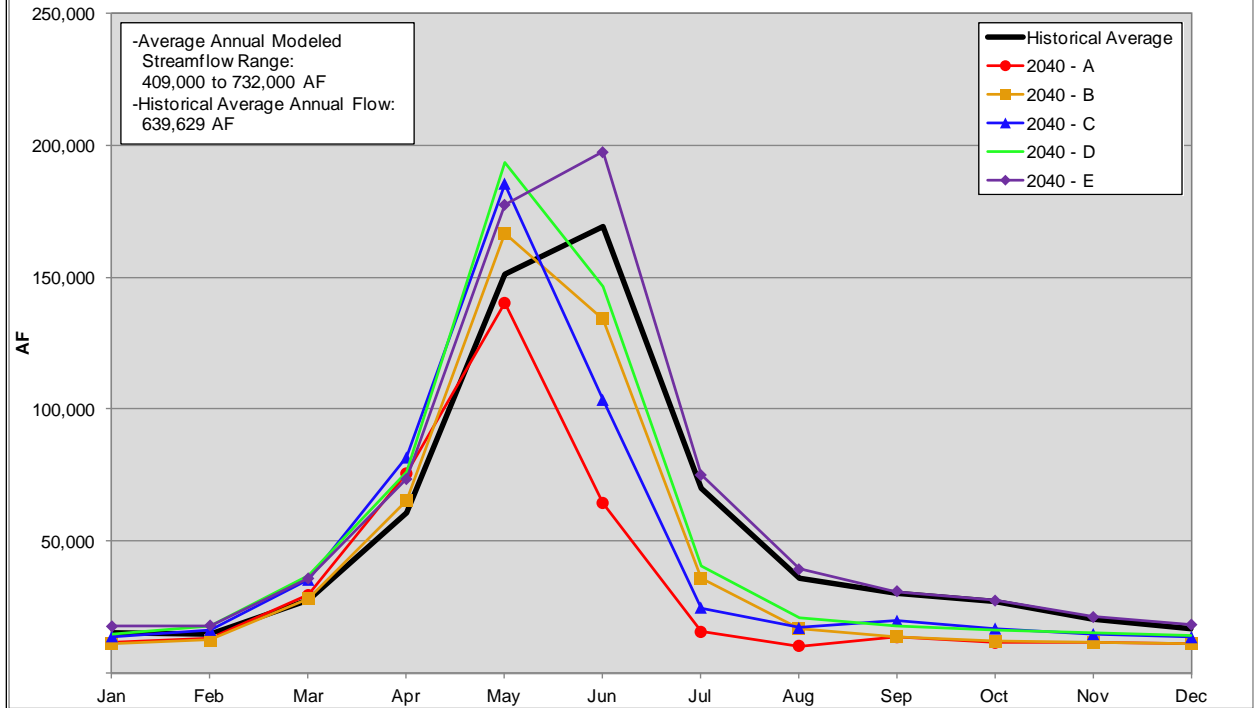
**Figure E23. Los Pinos River at La Boca (09354500)
2040 Average Monthly Modeled Streamflow**



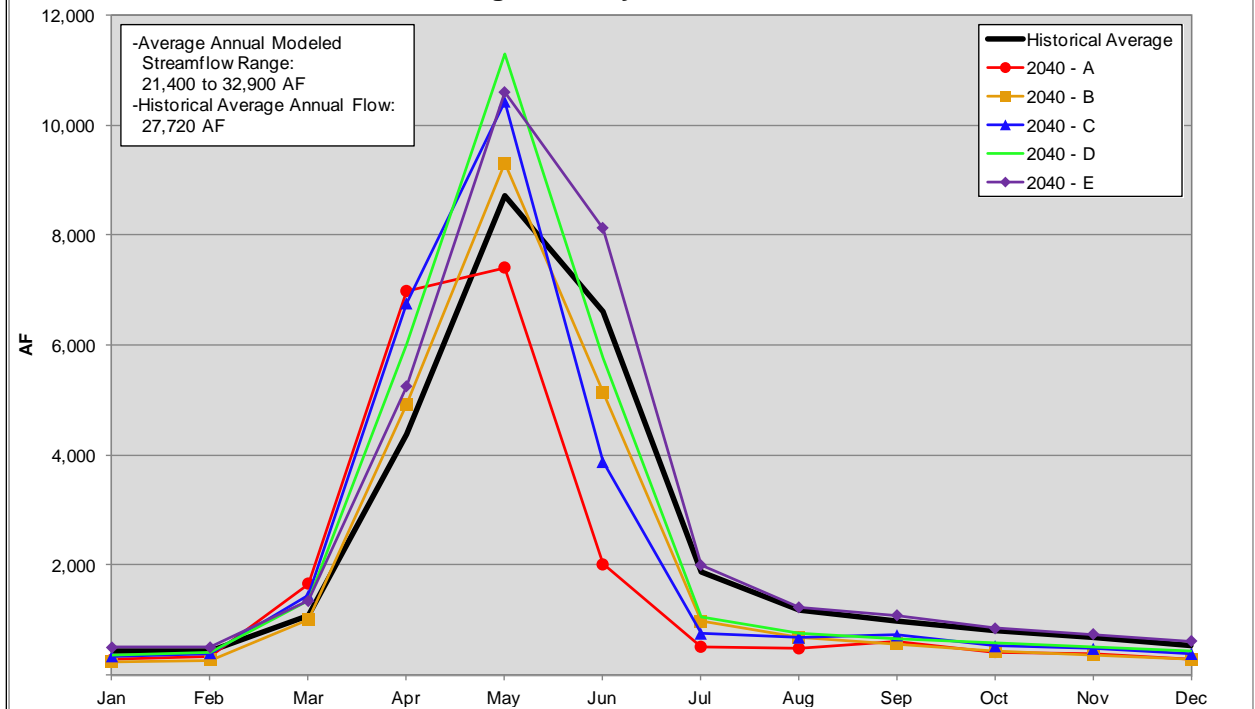
**Figure E24. Florida River at Bondad (09363200)
2040 Average Monthly Modeled Streamflow**

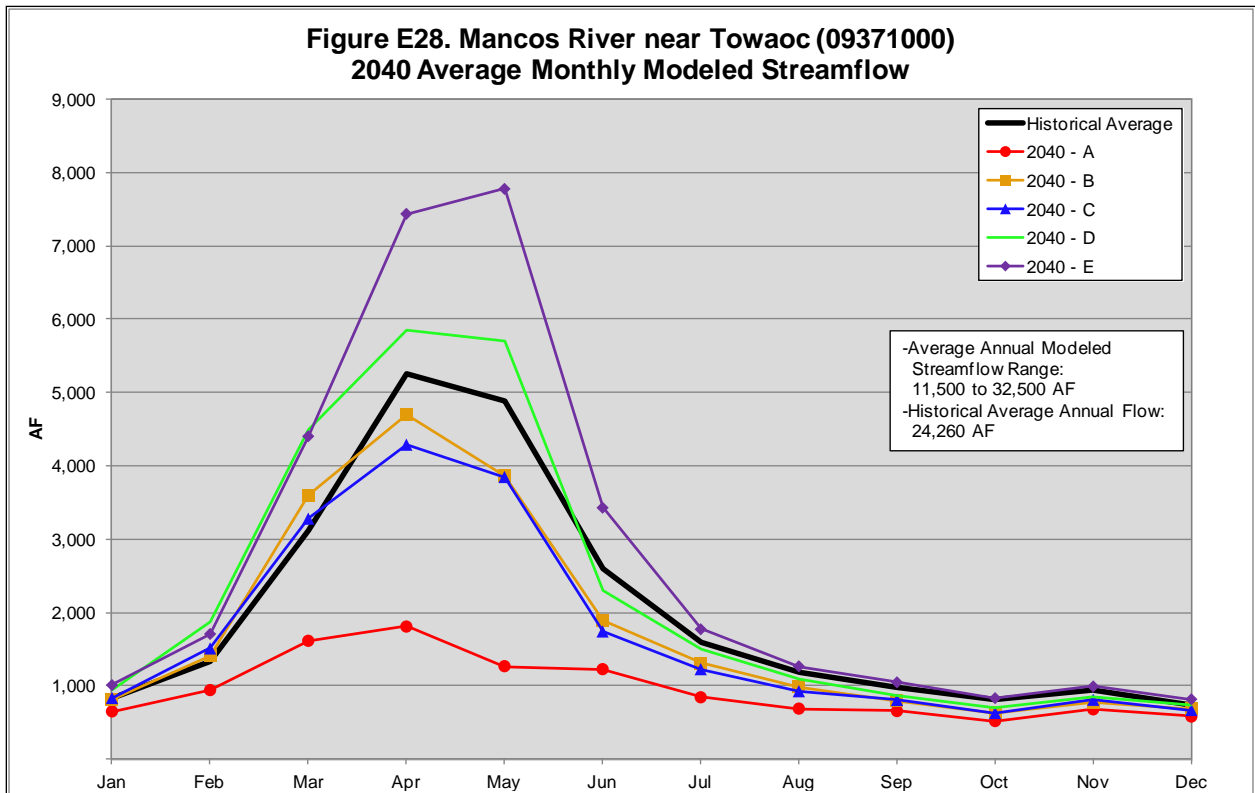
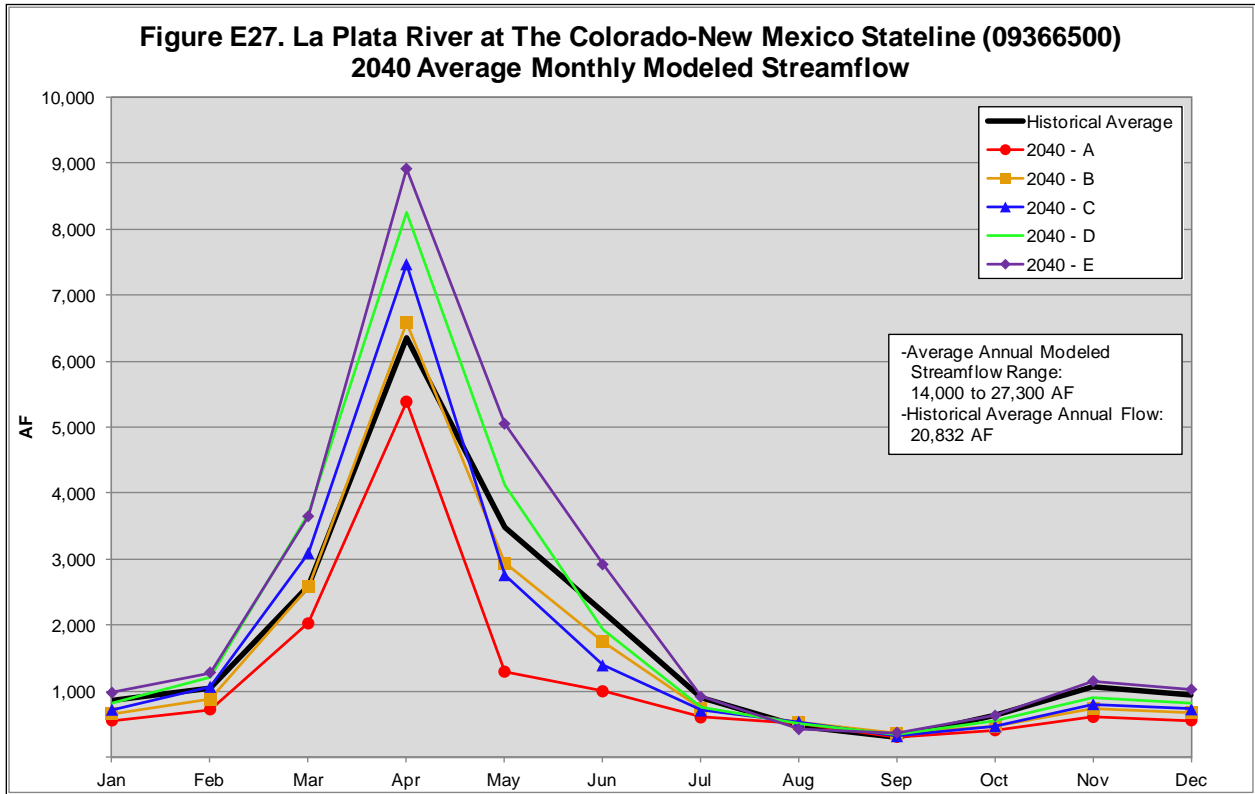


**Figure E25. Animas River near Cedar Hill, NM (09363500)
2040 Average Monthly Modeled Streamflow**

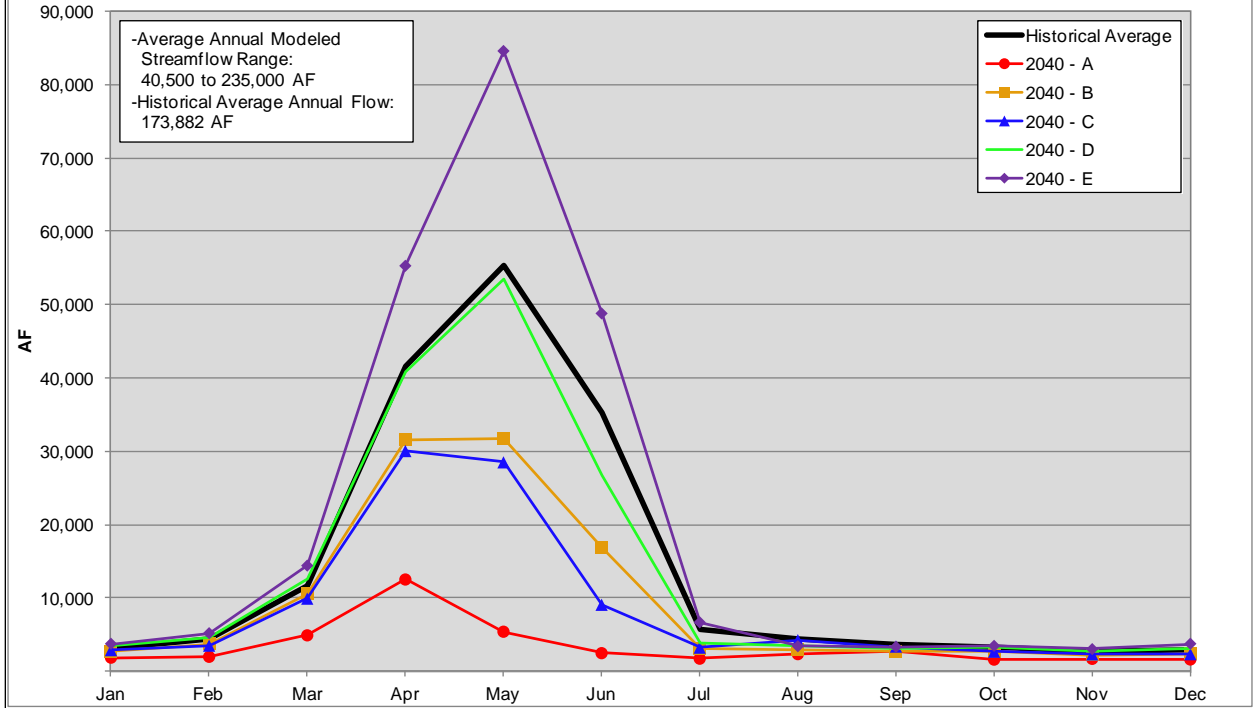


**Figure E26. La Plata River at Hesperus (09365500)
2040 Average Monthly Modeled Streamflow**

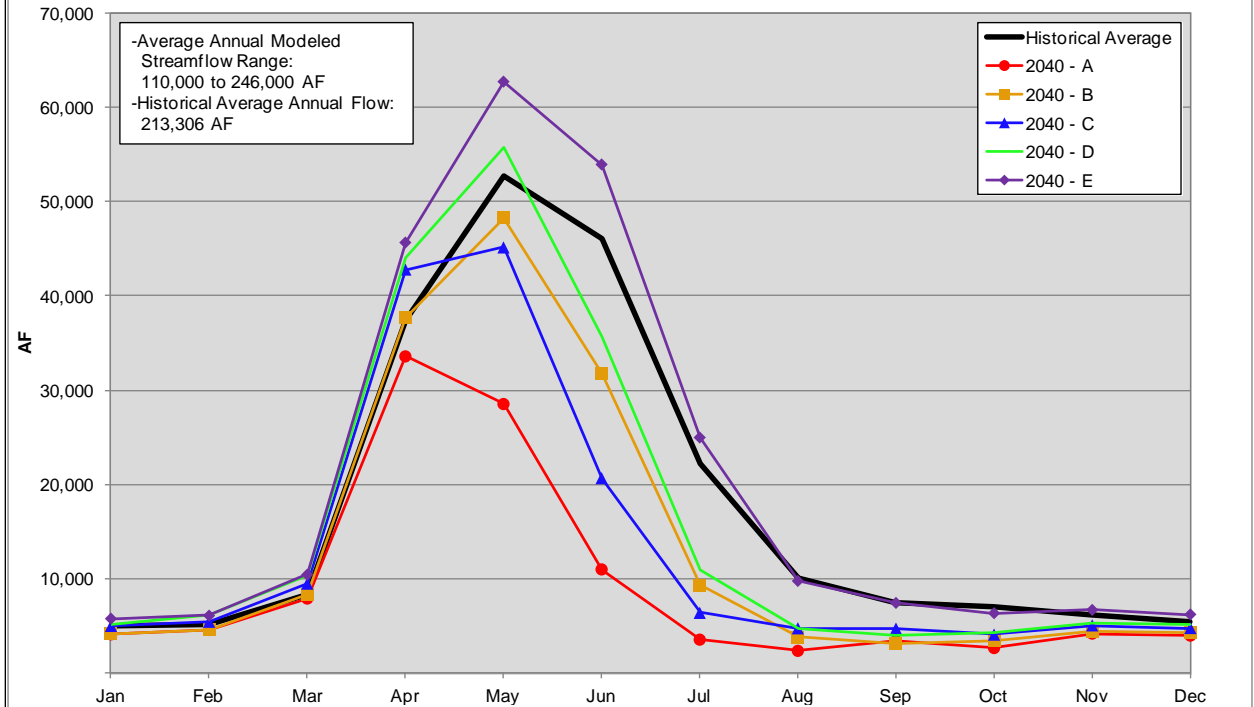




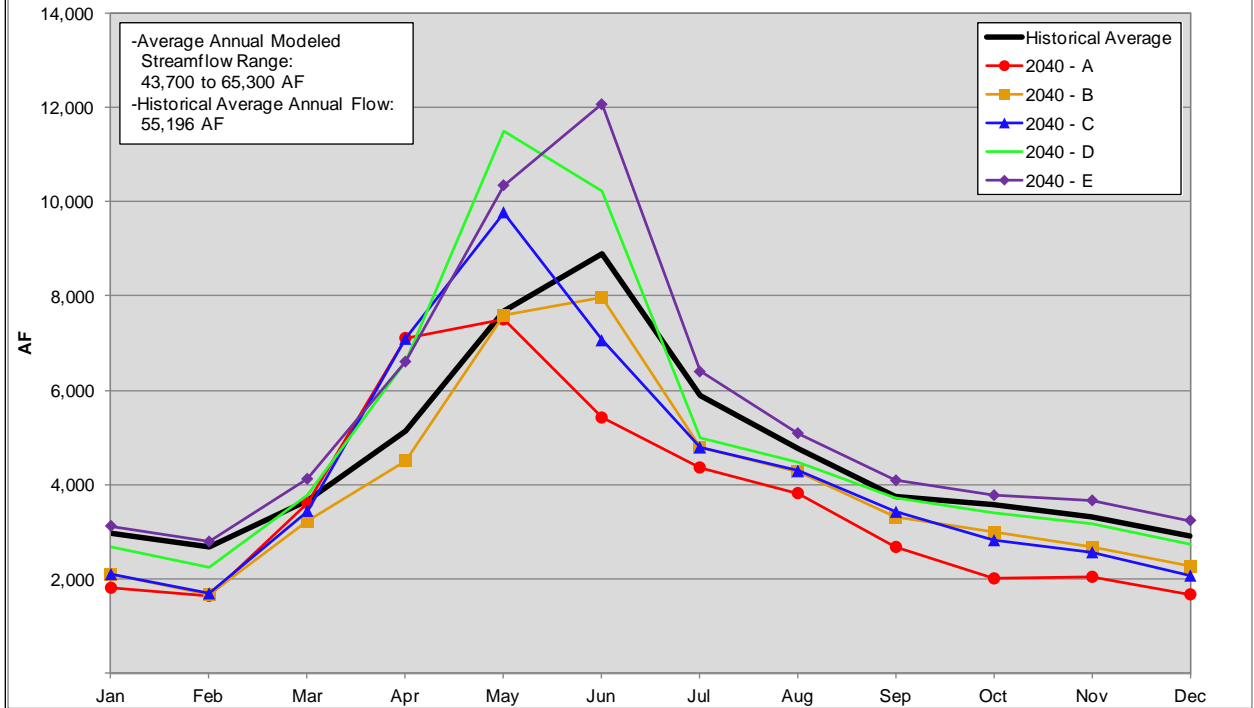
**Figure E29. Dolores River near Bedrock (09171100)
2040 Average Monthly Modeled Streamflow**



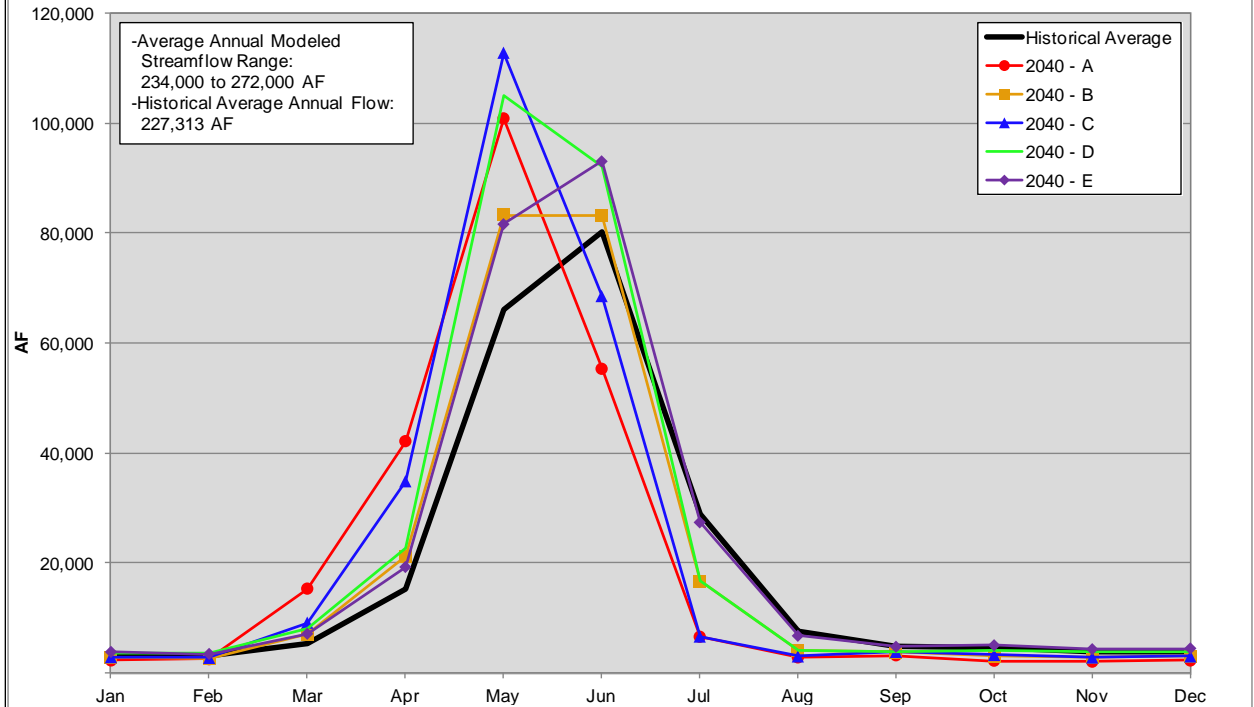
**Figure E30. San Miguel River at Naturita (09175500)
2040 Average Monthly Modeled Streamflow**



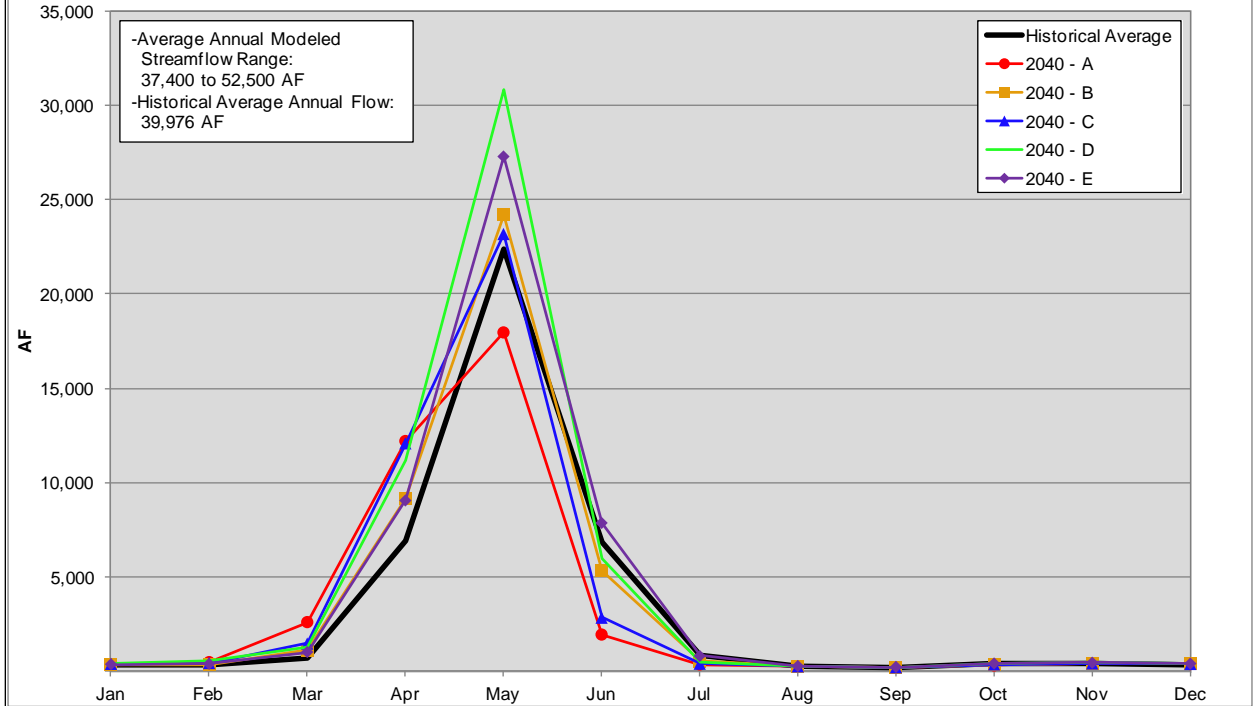
**Figure E31. Yampa River below Stagecoach Reservoir (09237500)
2040 Average Monthly Modeled Streamflow**



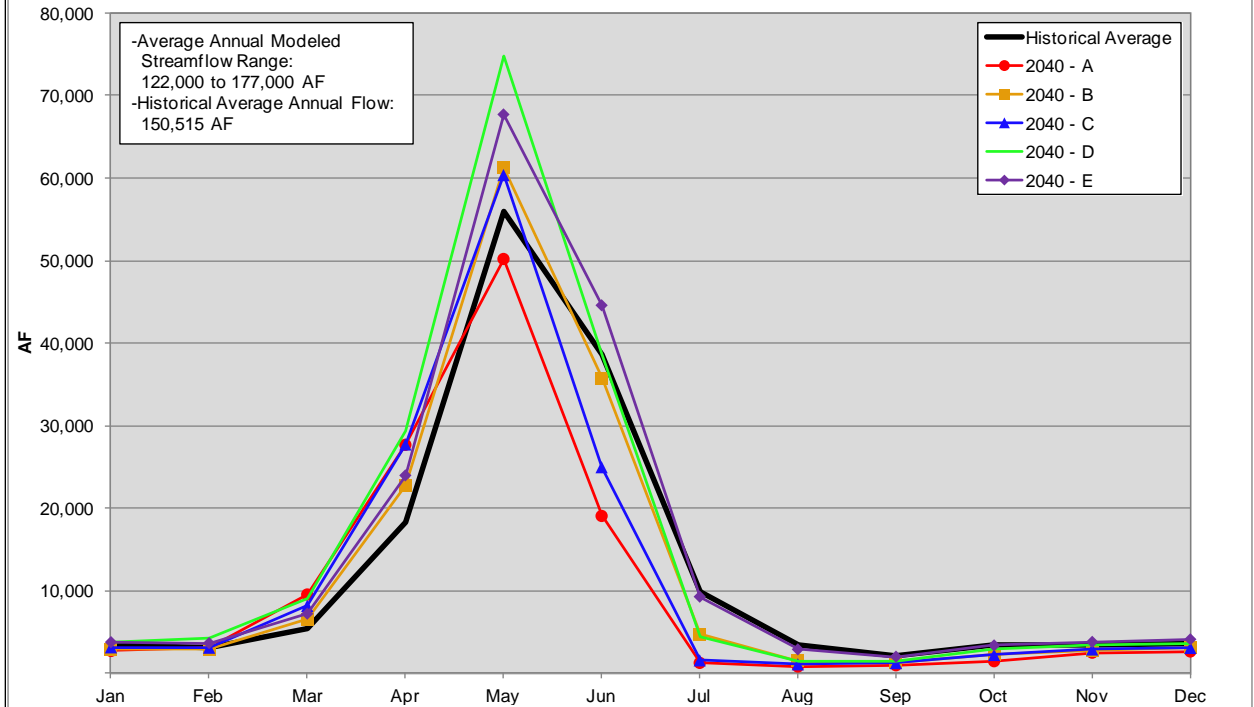
**Figure E32. Elk River at Clark (09241000)
2040 Average Monthly Modeled Streamflow**

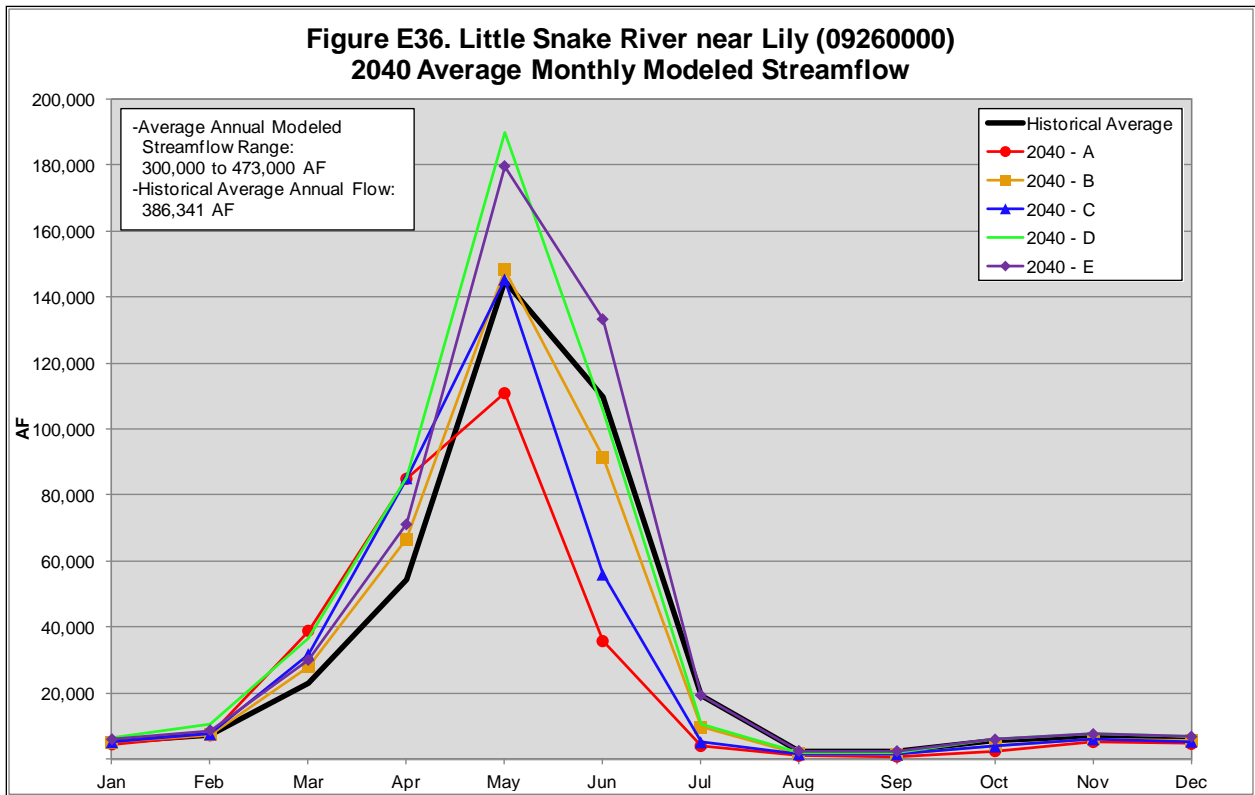
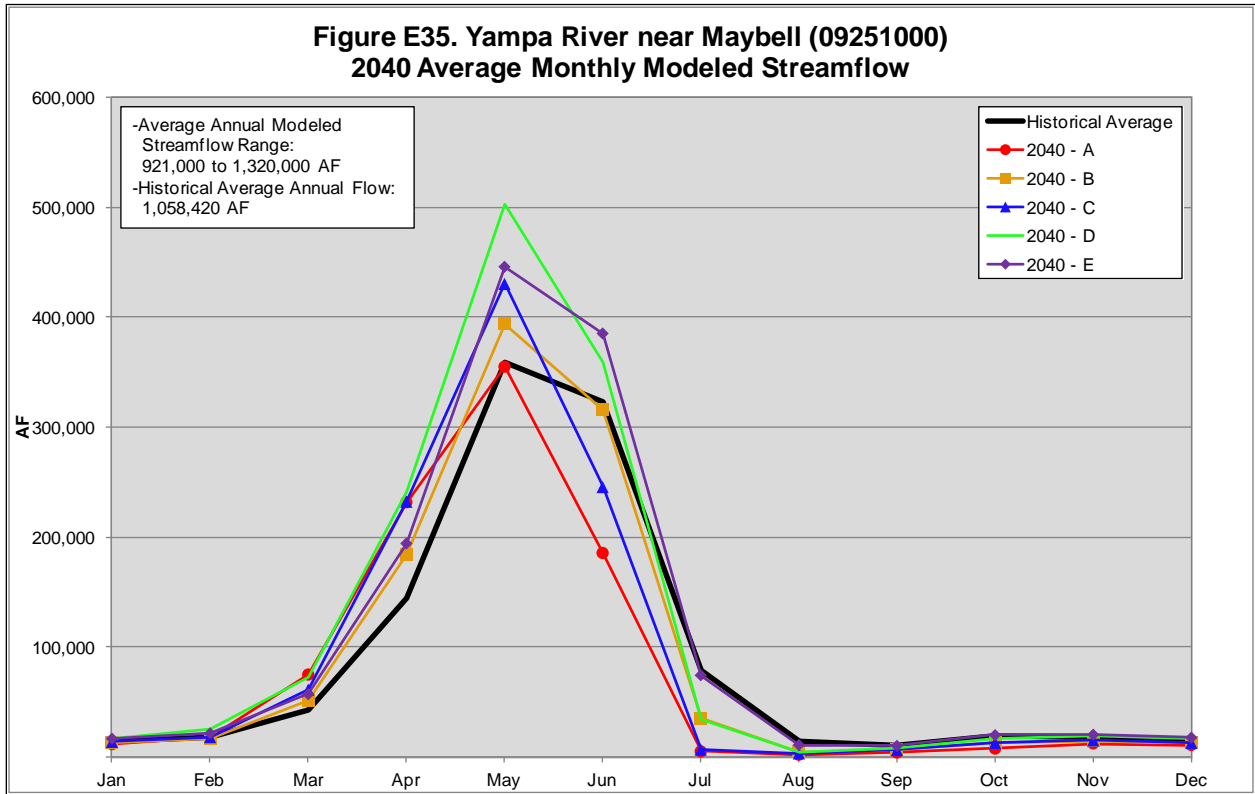


**Figure E33. Elkhead Creek near Elkhead (09245000)
2040 Average Monthly Modeled Streamflow**

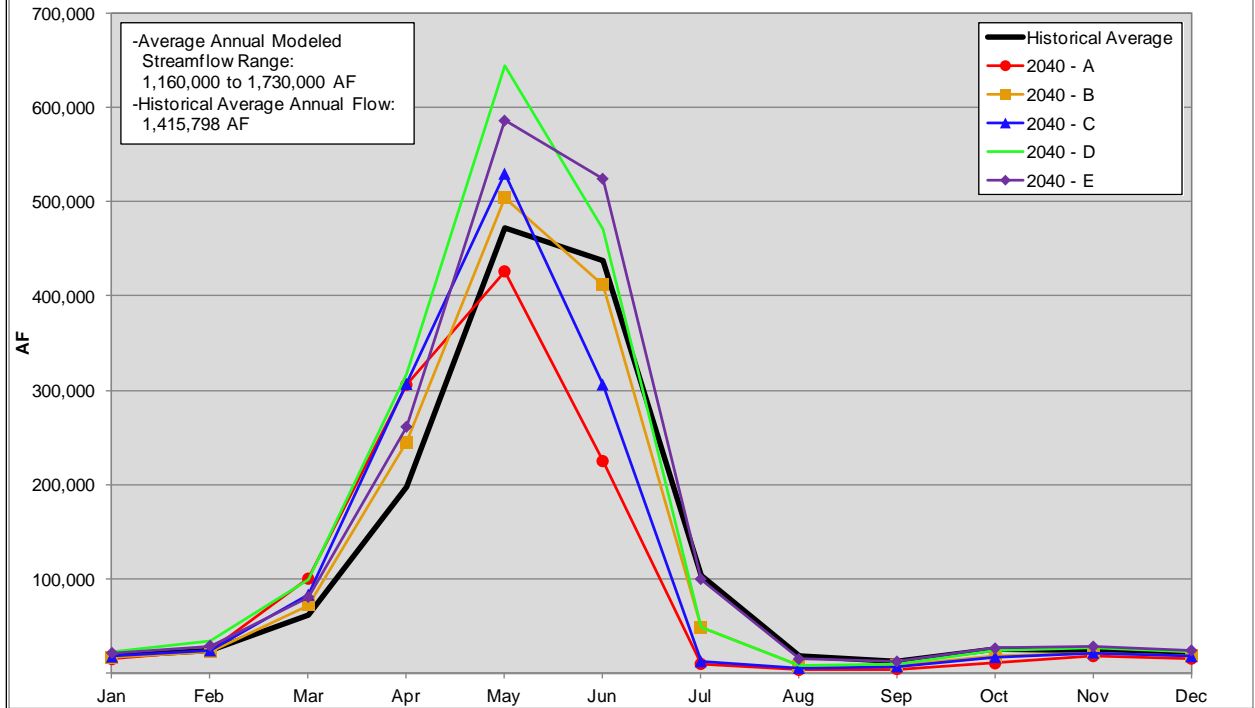


**Figure E34. Williams Fork at Mouth, near Hamilton (09249750)
2040 Average Monthly Modeled Streamflow**

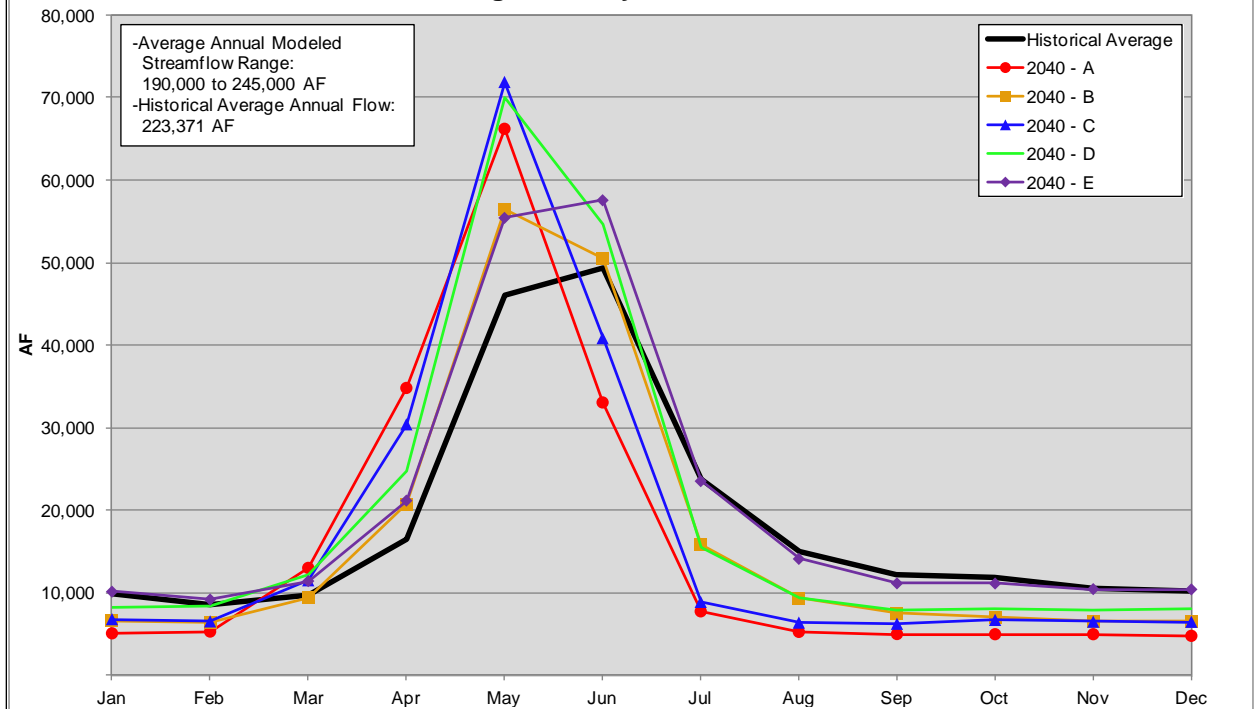




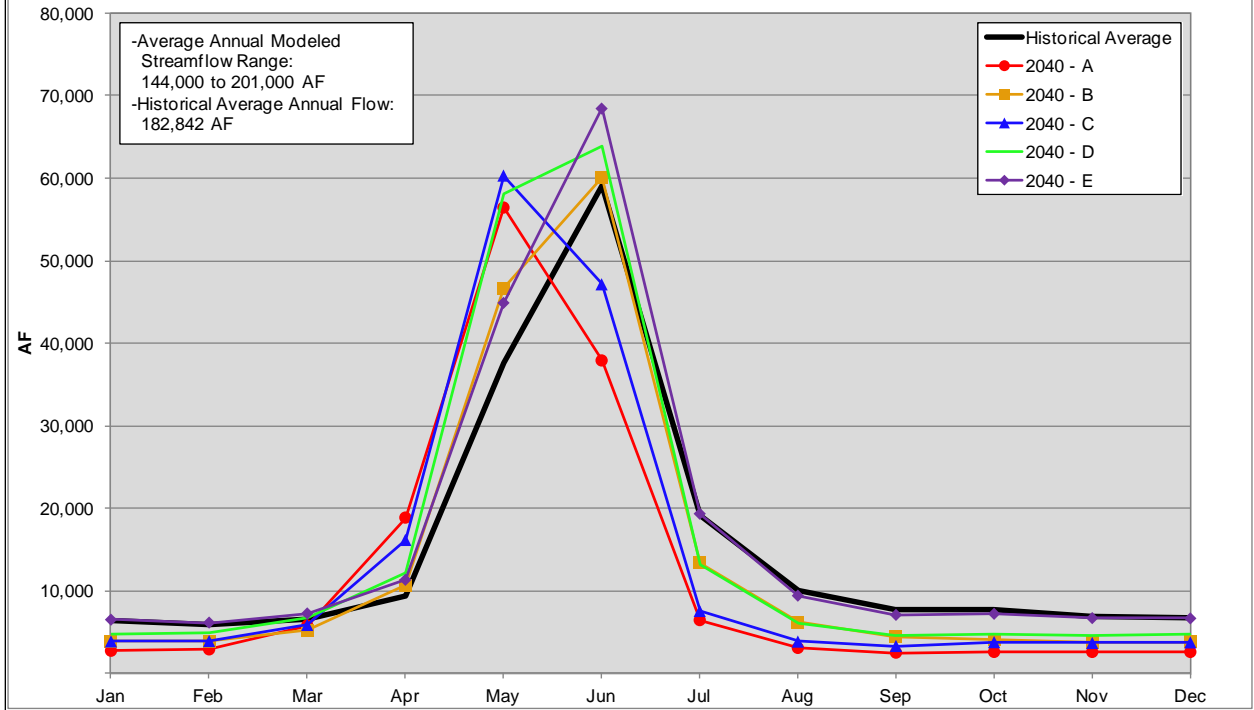
**Figure E37. Yampa River at Deerlodge Park (09260050)
2040 Average Monthly Modeled Streamflow**



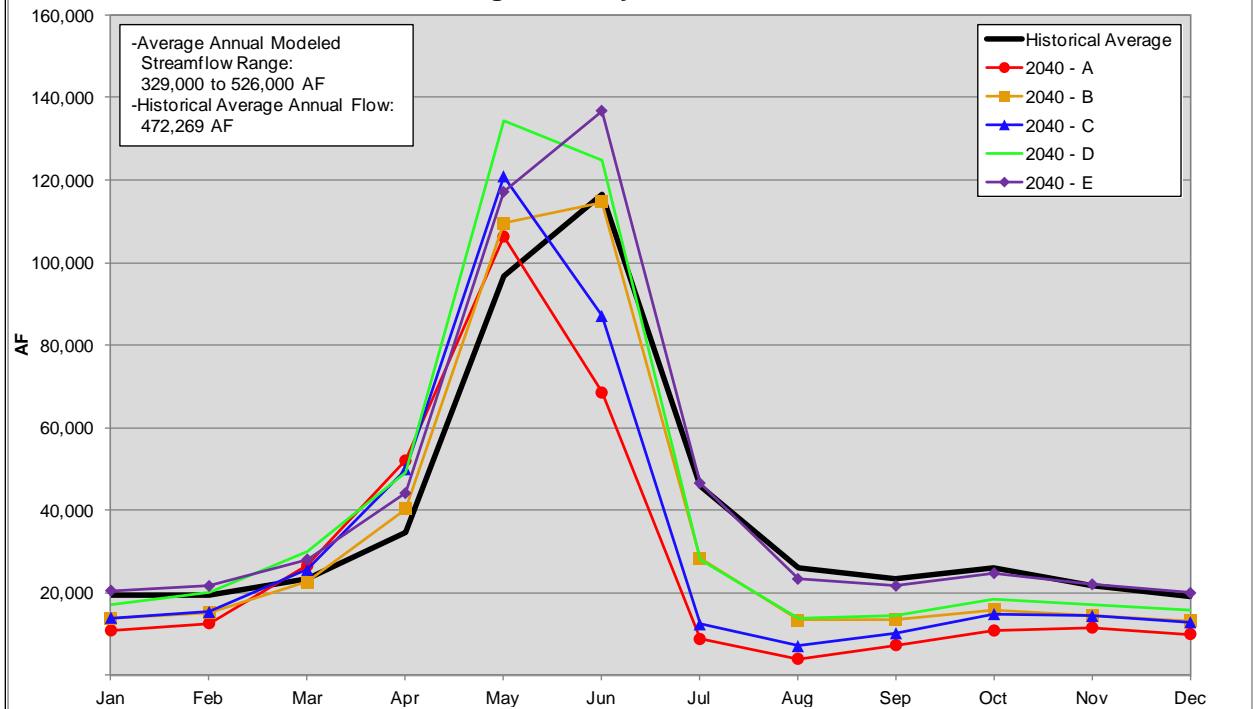
**Figure E38. North Fork White River at Buford (09303000)
2040 Average Monthly Modeled Streamflow**



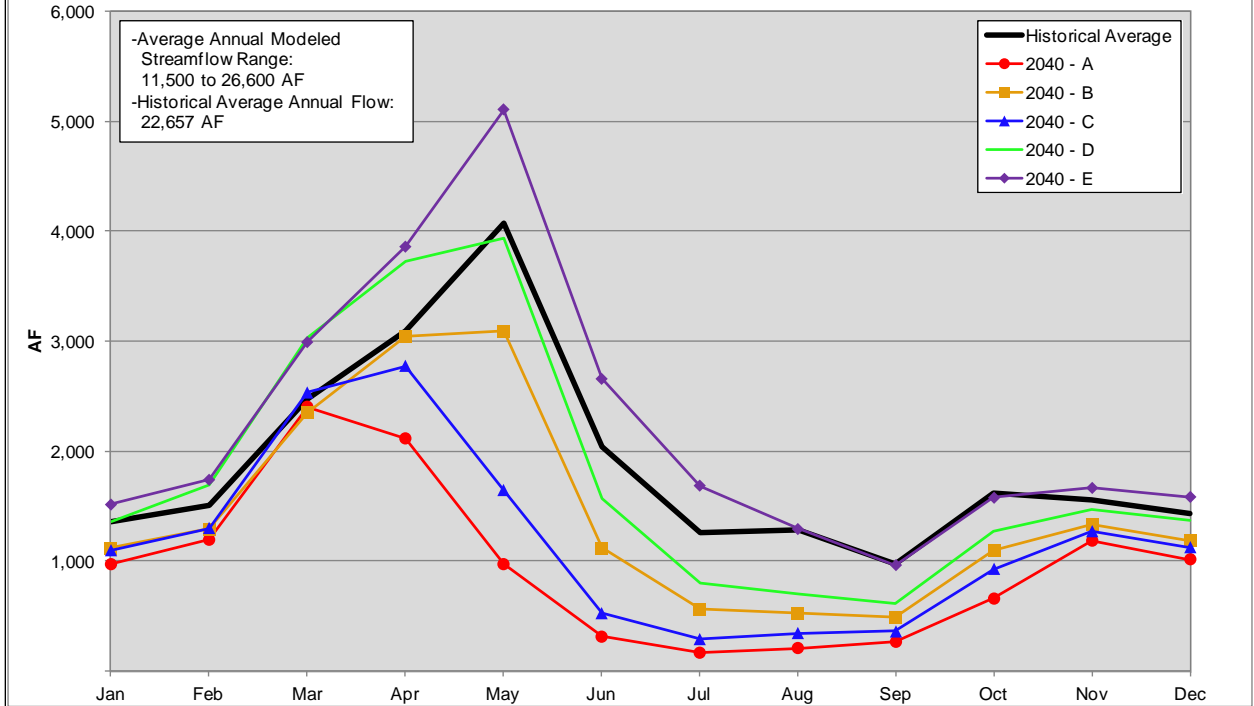
**Figure E39. South Fork White River at Buford (09304000)
2040 Average Monthly Modeled Streamflow**



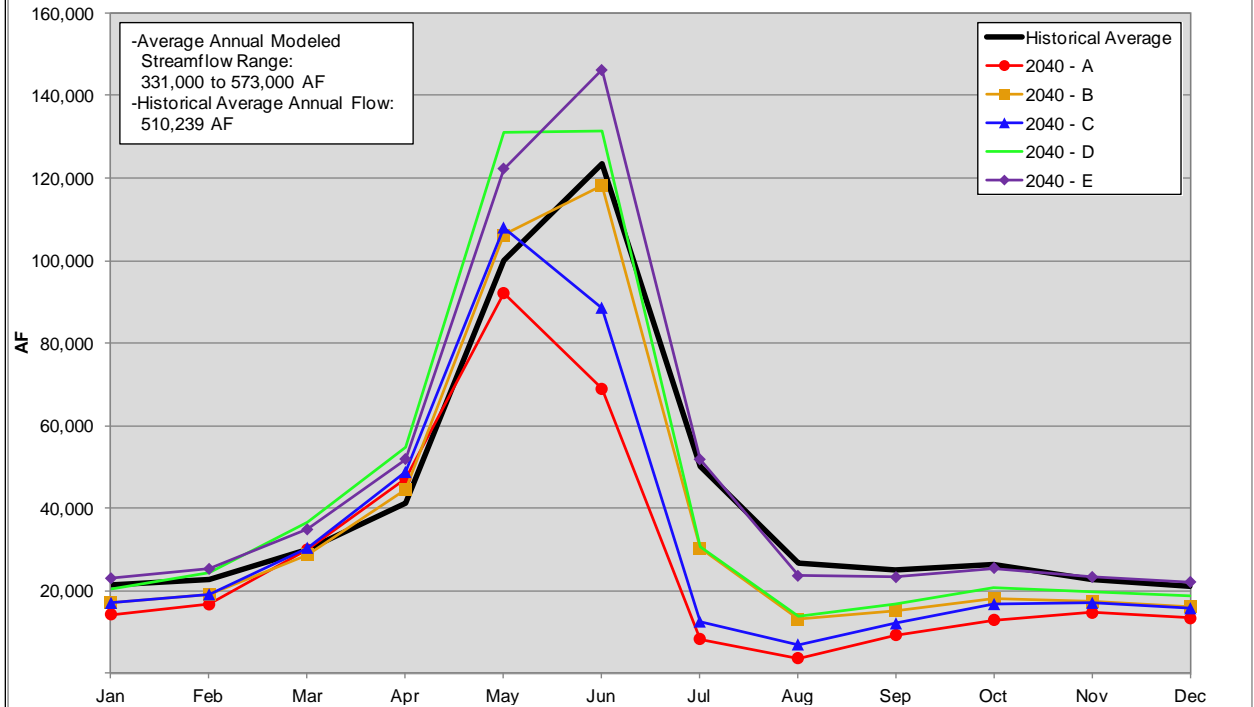
**Figure E40. White River below Meeker (09304800)
2040 Average Monthly Modeled Streamflow**



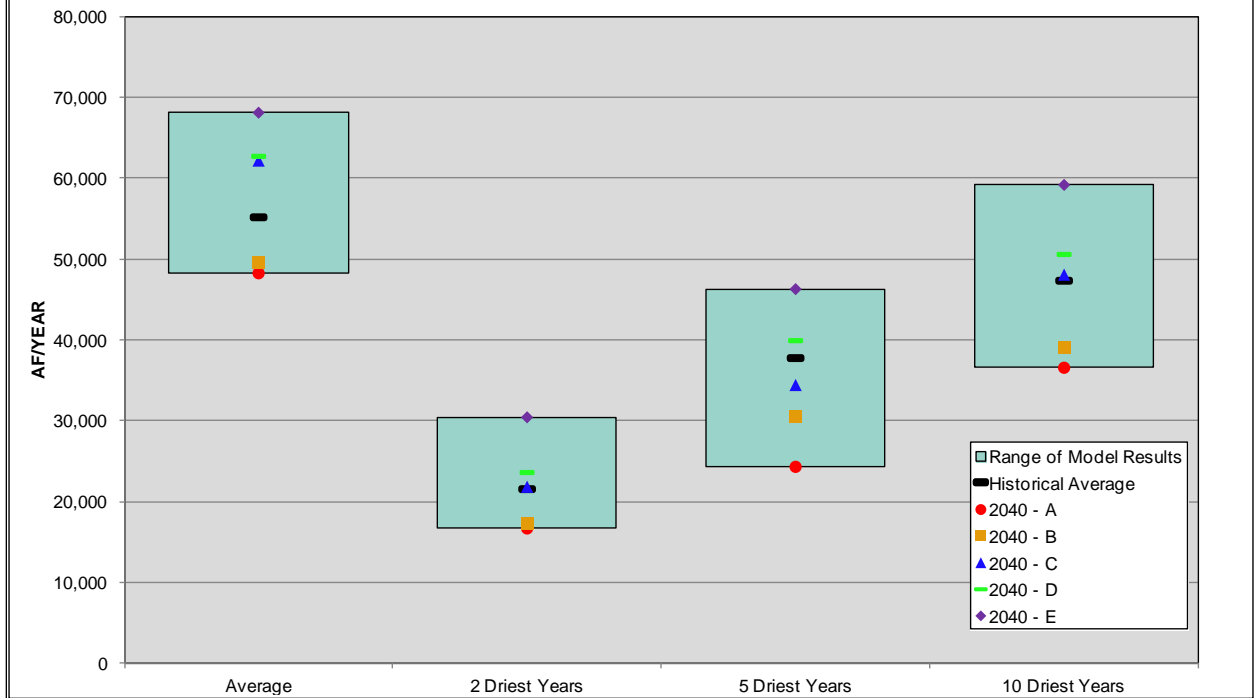
**Figure E41. Piceance Creek at White River (09306222)
2040 Average Monthly Modeled Streamflow**



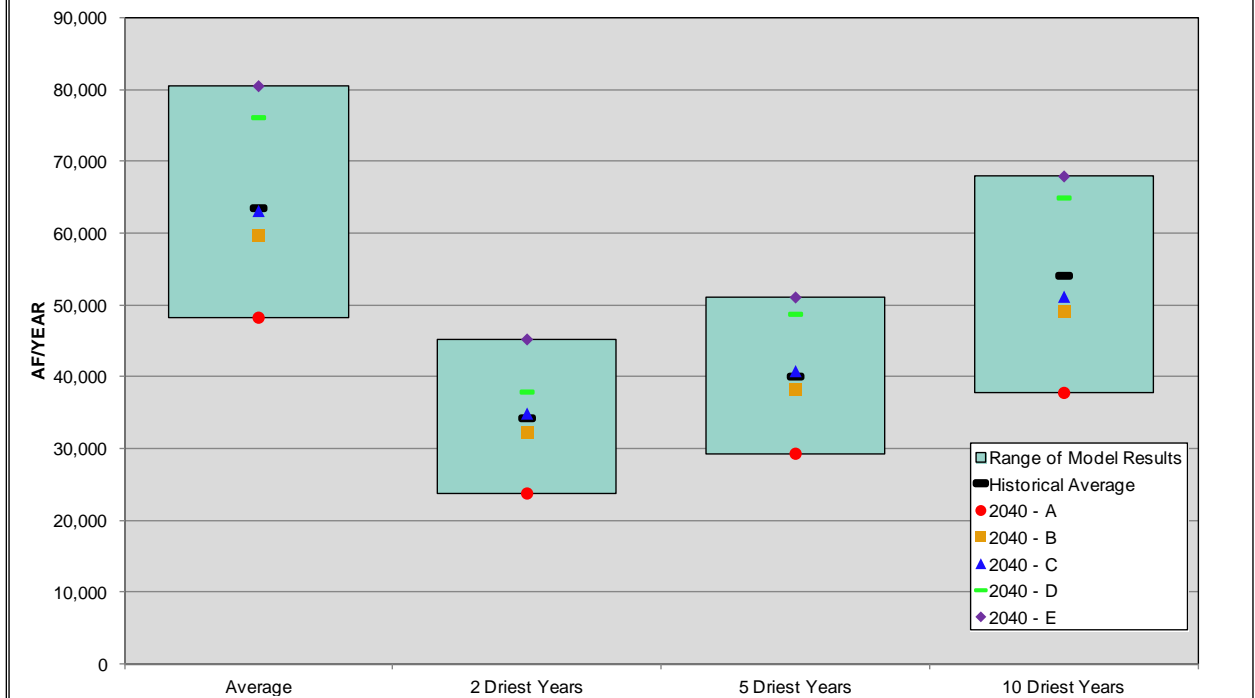
**Figure E42. White River near Colorado State Line, UT (09306395)
2040 Average Monthly Modeled Streamflow**



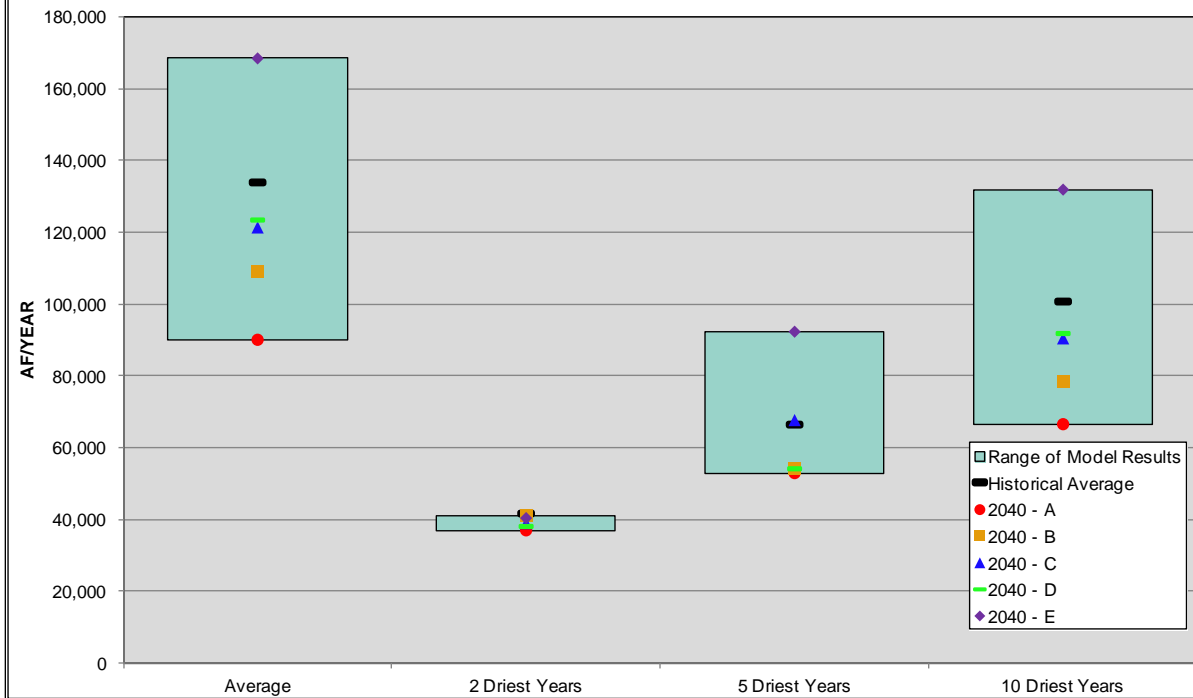
**Figure E43. Colorado River near Grand Lake (09011000)
2040 Modeled Streamflow**



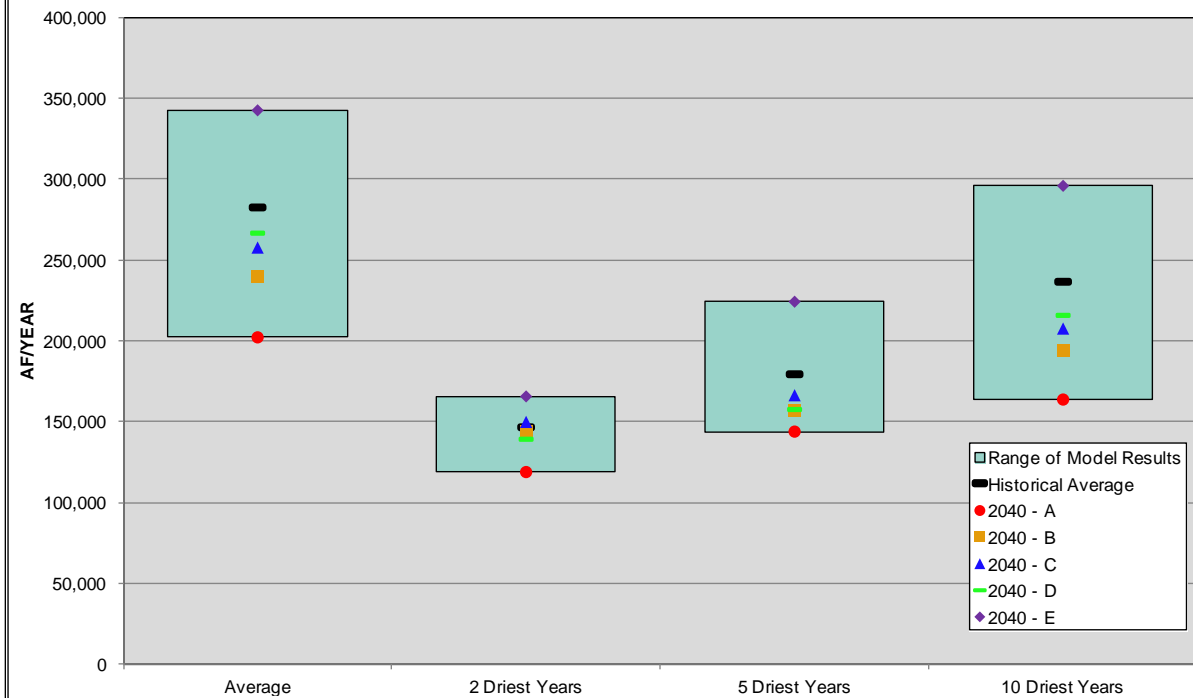
**Figure E44. Muddy Creek at Kremmling (09041500)
2040 Modeled Streamflow**



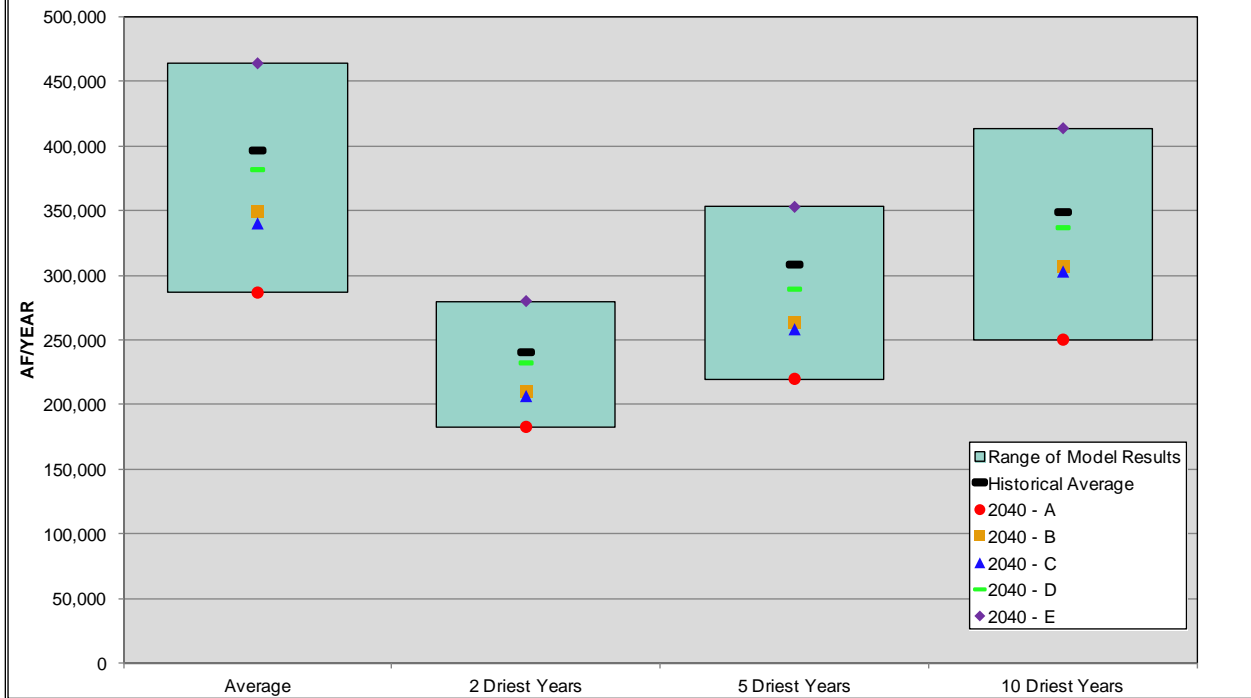
**Figure E45. Blue River below Dillon Reservoir (09050700)
2040 Modeled Streamflow**



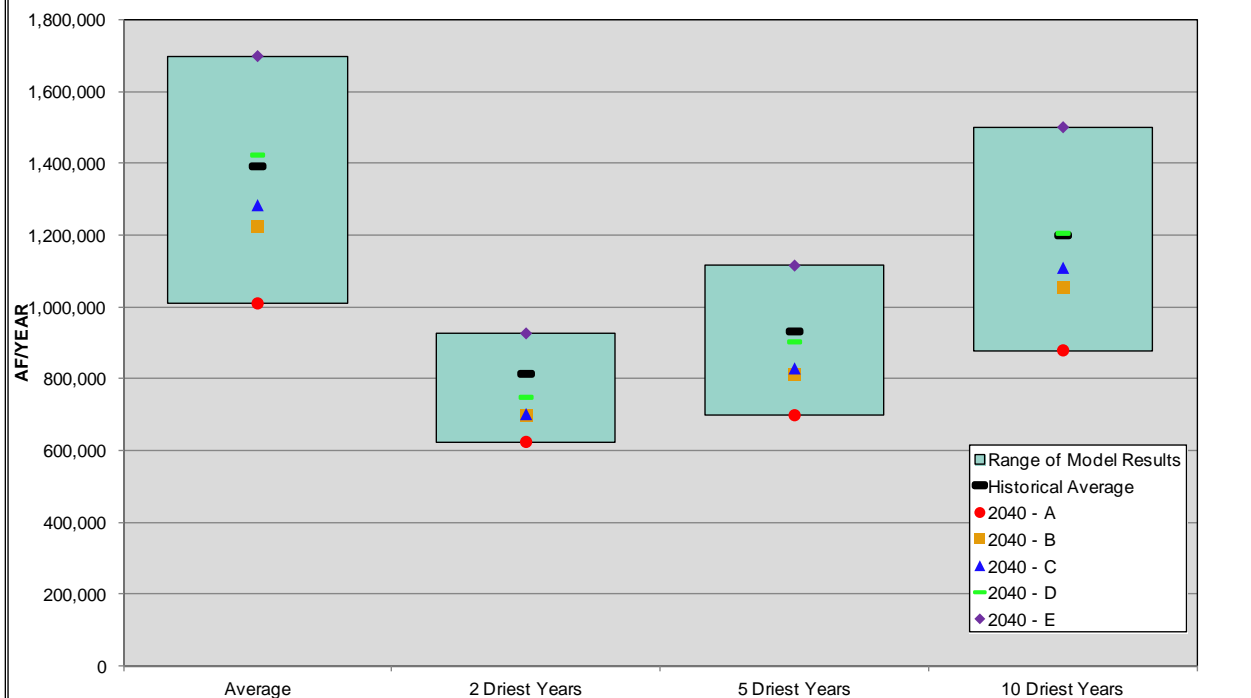
**Figure E46. Blue River below Green Mountain Reservoir (09057500)
2040 Modeled Streamflow**



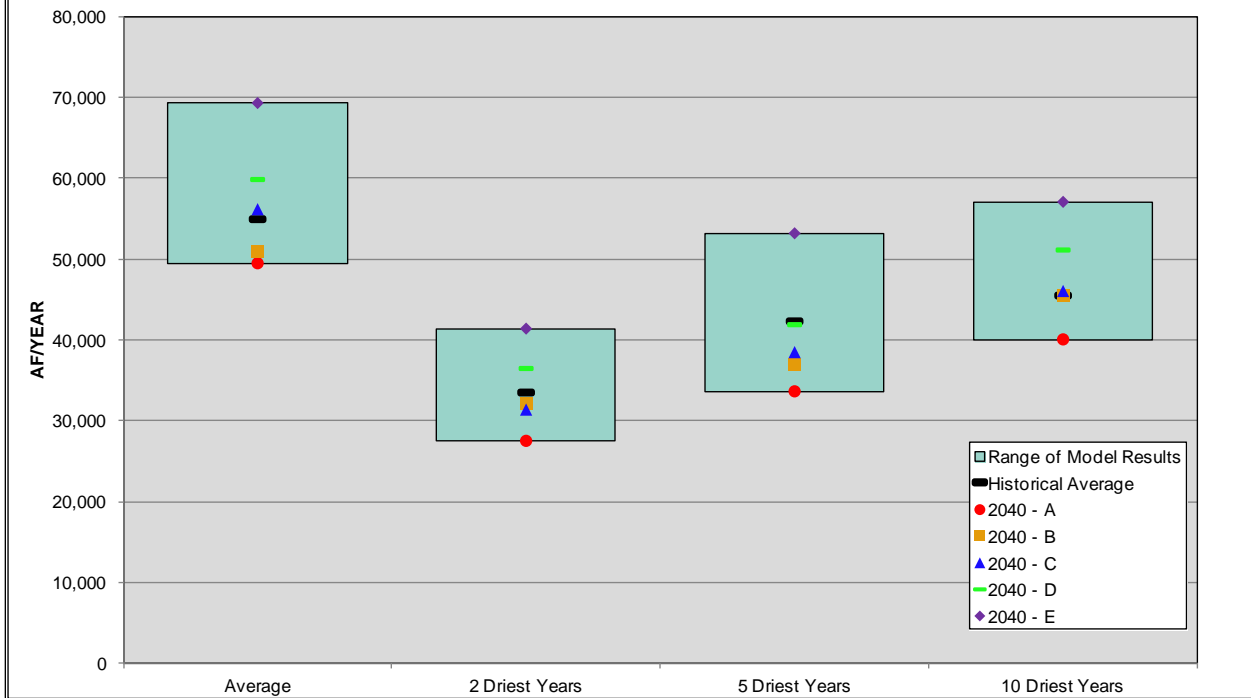
**Figure E47. Eagle River below Gypsum (09070000)
2040 Modeled Streamflow**



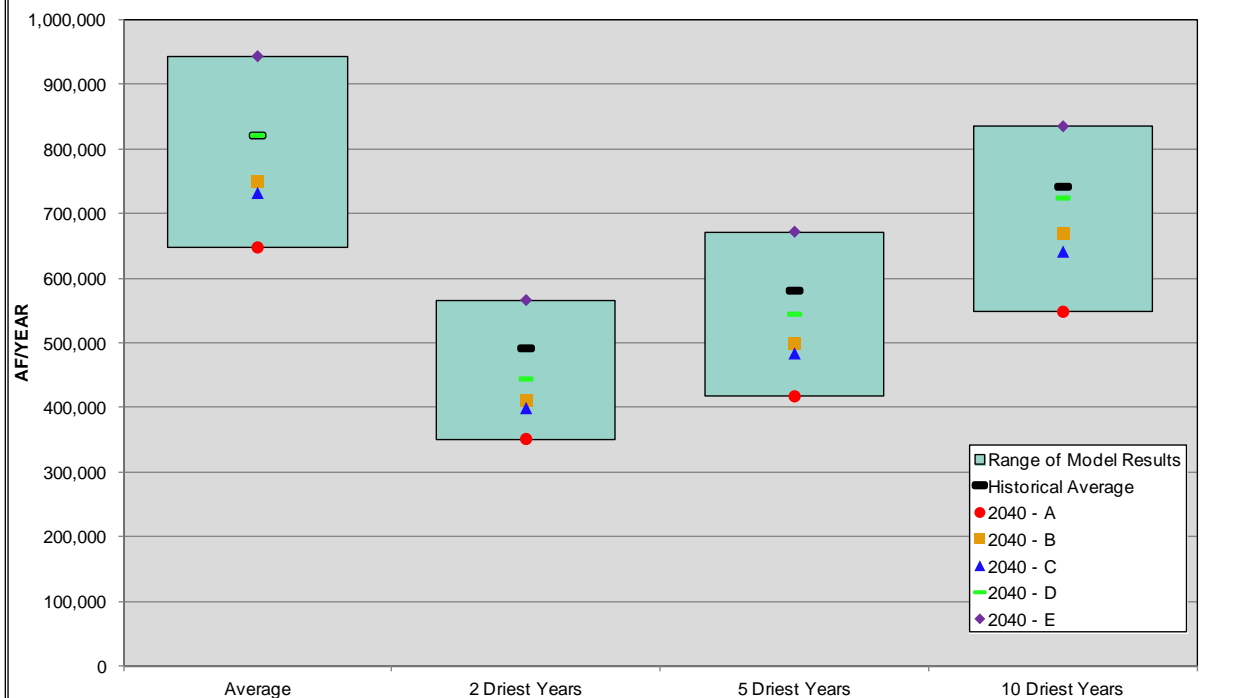
**Figure E48. Colorado River near Dotsero (09070500)
2040 Modeled Streamflow**



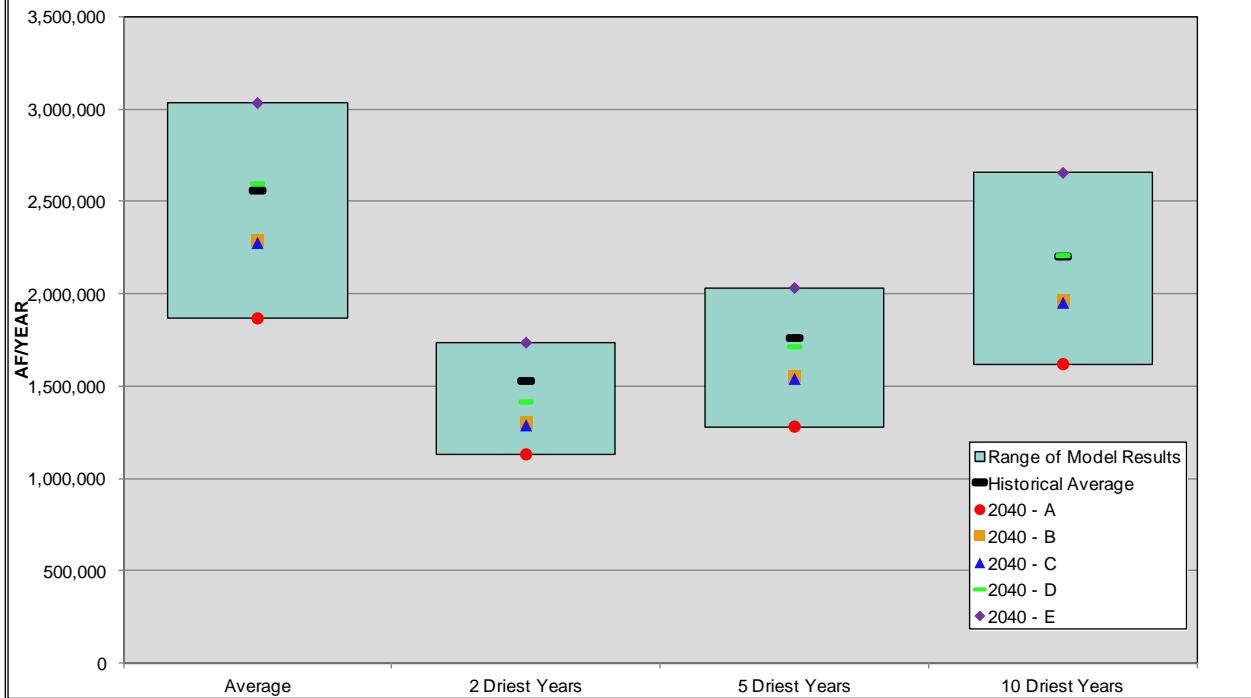
**Figure E49. Roaring Fork River near Aspen (09073400)
2040 Modeled Streamflow**



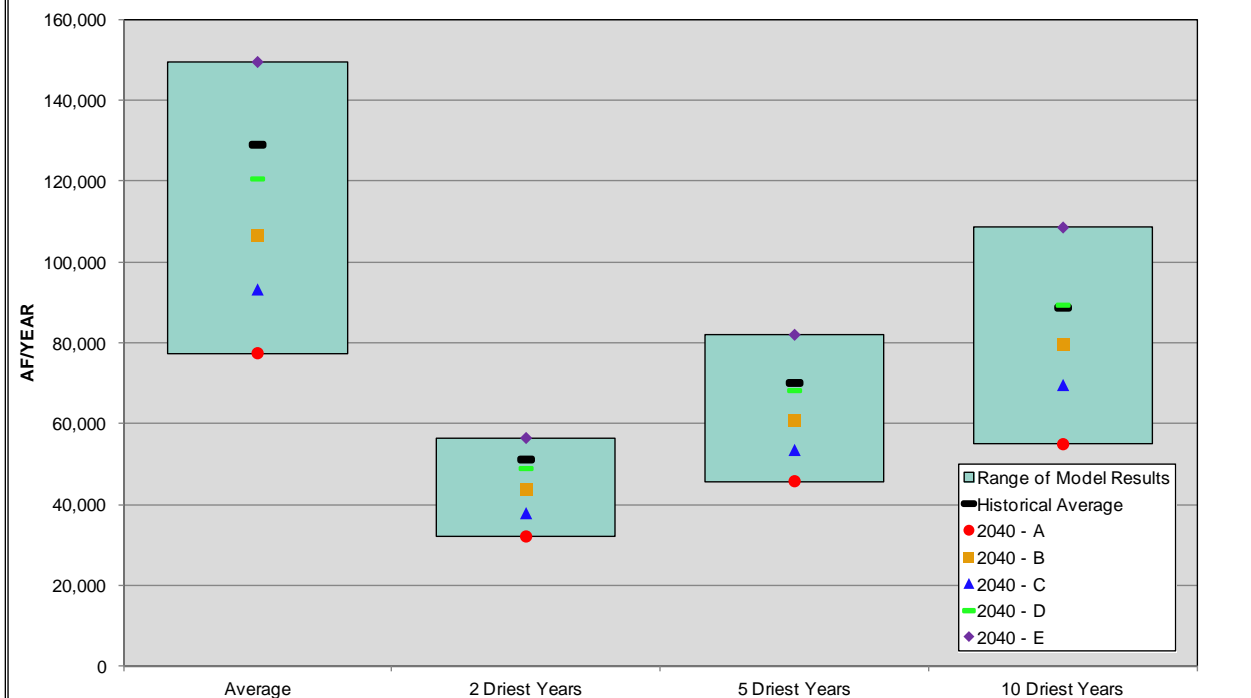
**Figure E50. Roaring Fork River at Glenwood Springs (09085000)
2040 Modeled Streamflow**



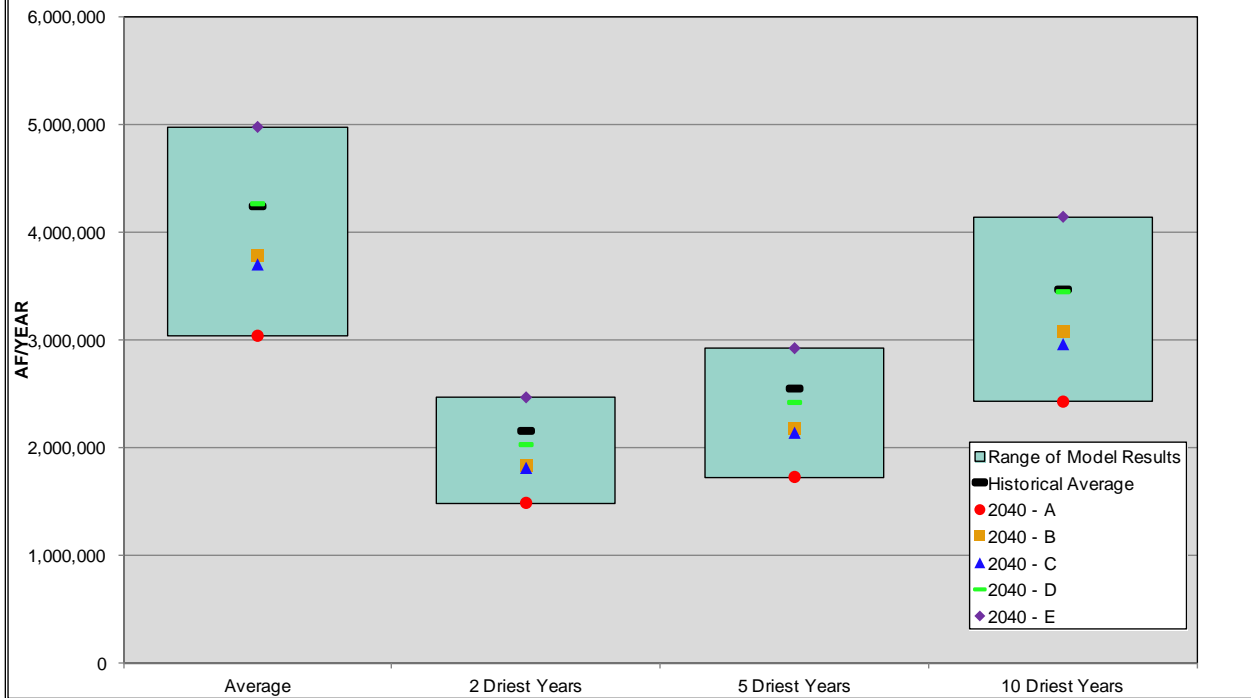
**Figure E51. Colorado River near Cameo (09095500)
2040 Modeled Streamflow**



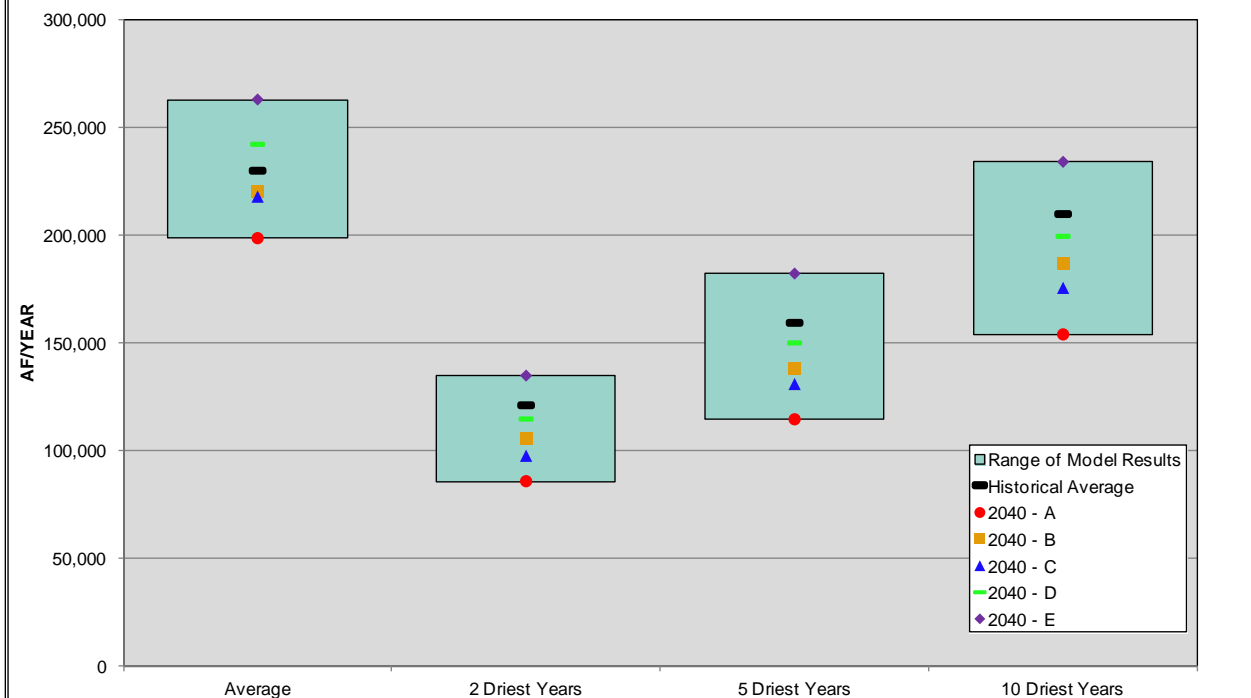
**Figure E52. Plateau Creek near Cameo (09105000)
2040 Modeled Streamflow**



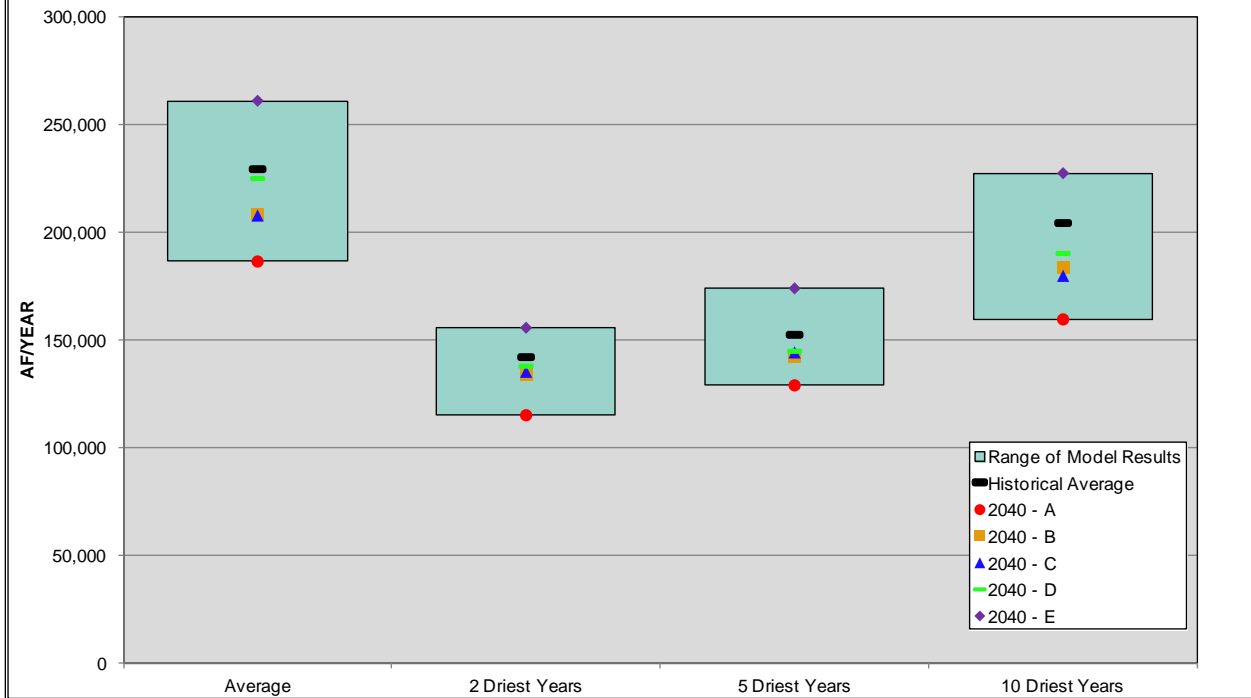
**Figure E53. Colorado River near Colorado-Utah State Line (09163500)
2040 Modeled Streamflow**



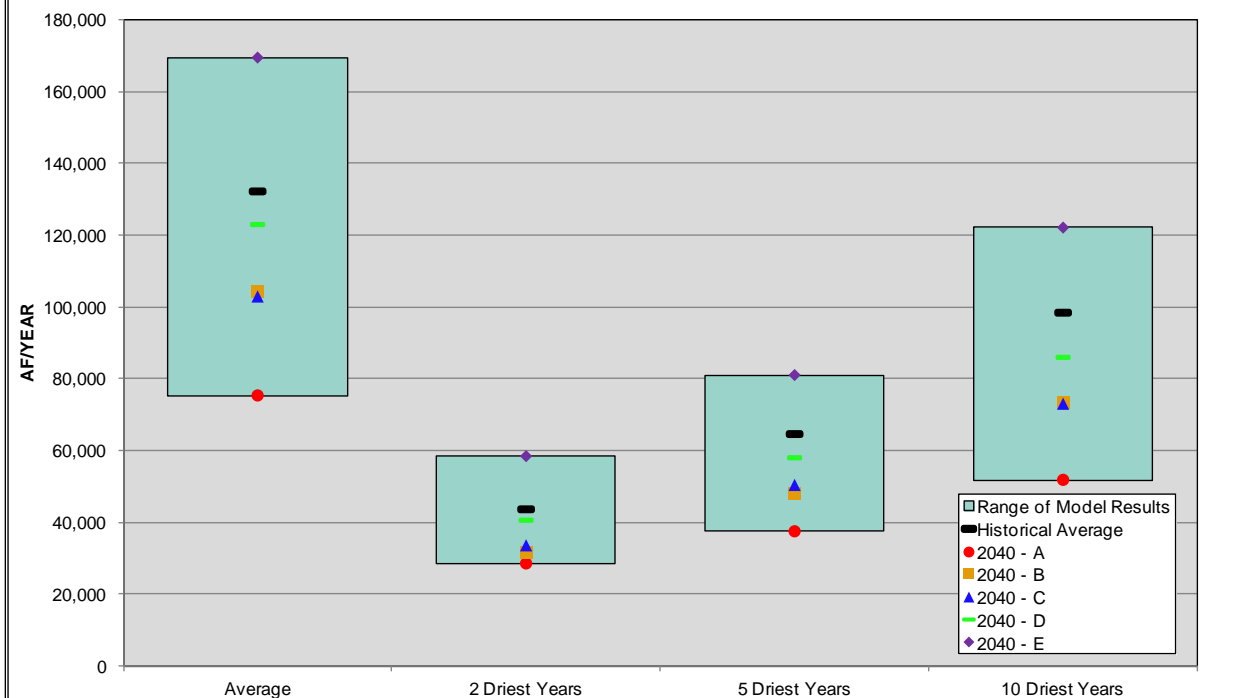
**Figure E54. East River at Almont (09112500)
2040 Modeled Streamflow**



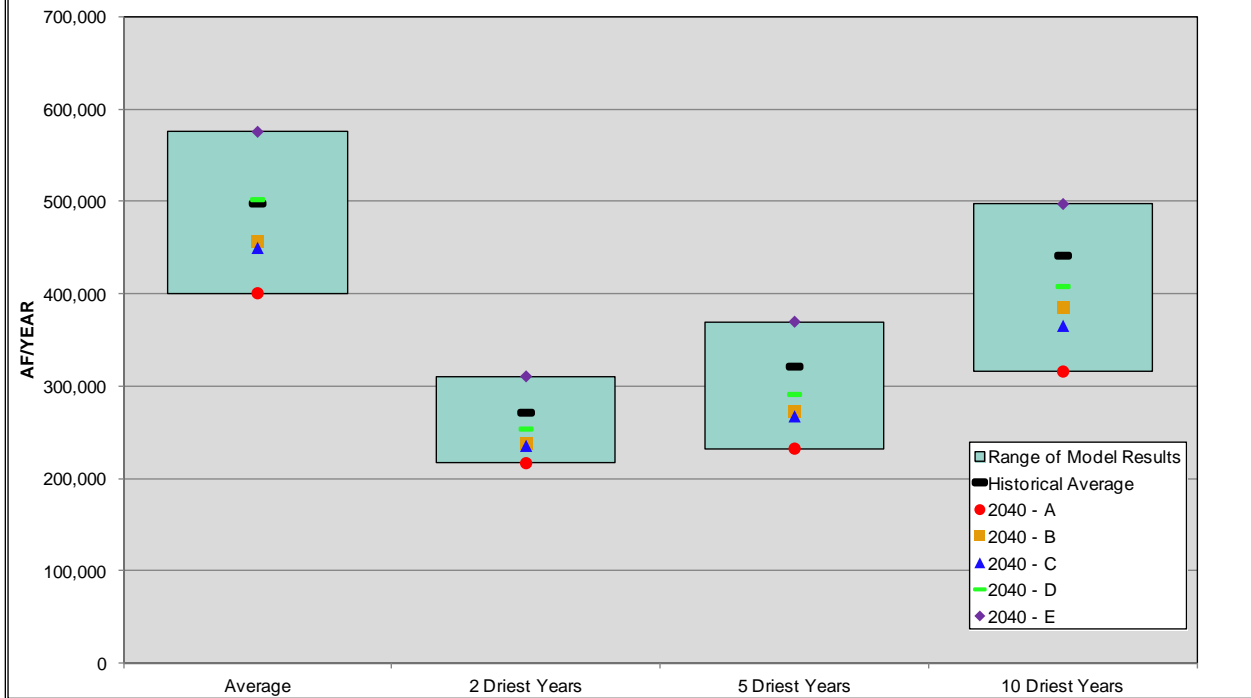
**Figure E55. Taylor River at Almont (09110000)
2040 Modeled Streamflow**



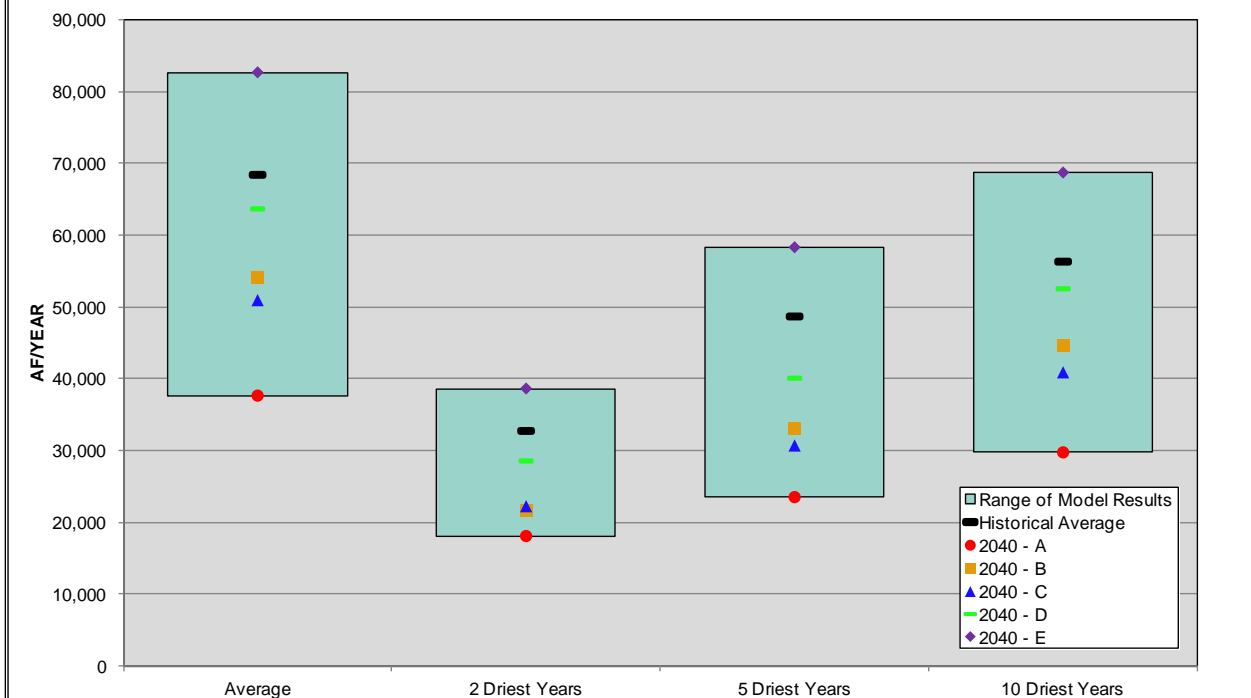
**Figure E56. Tomichi Creek at Gunnison (09119000)
2040 Modeled Streamflow**



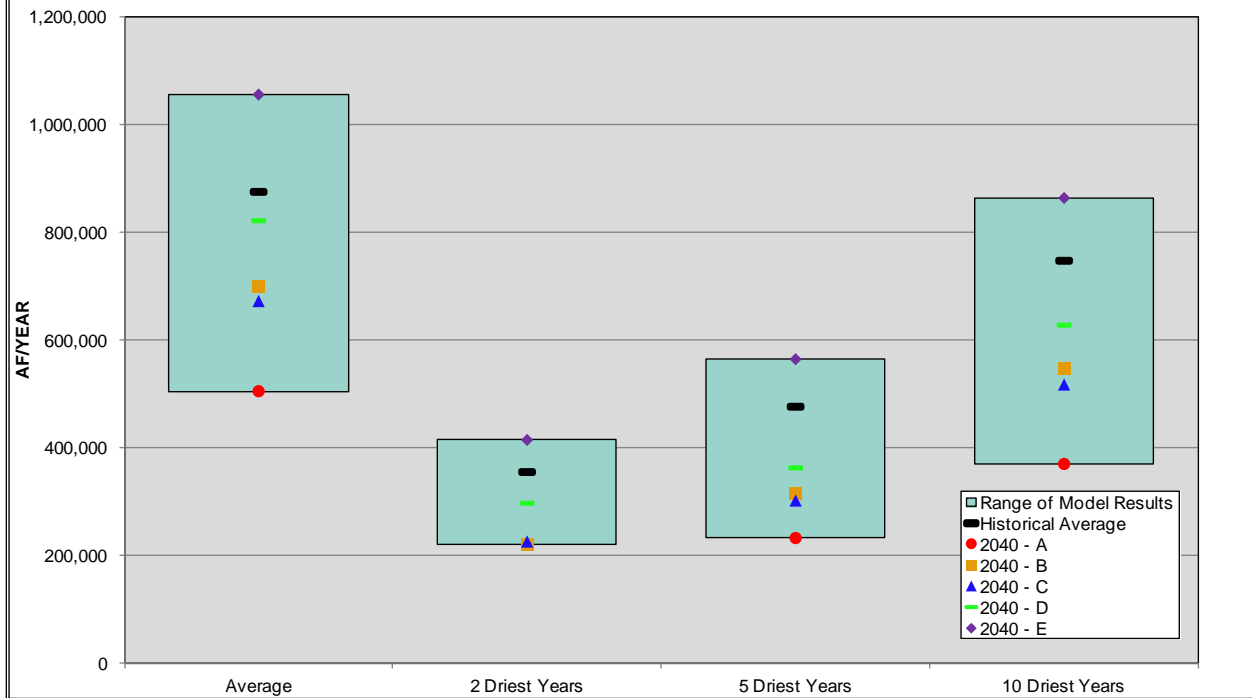
**Figure E57. Gunnison River near Gunnison (09114500)
2040 Modeled Streamflow**



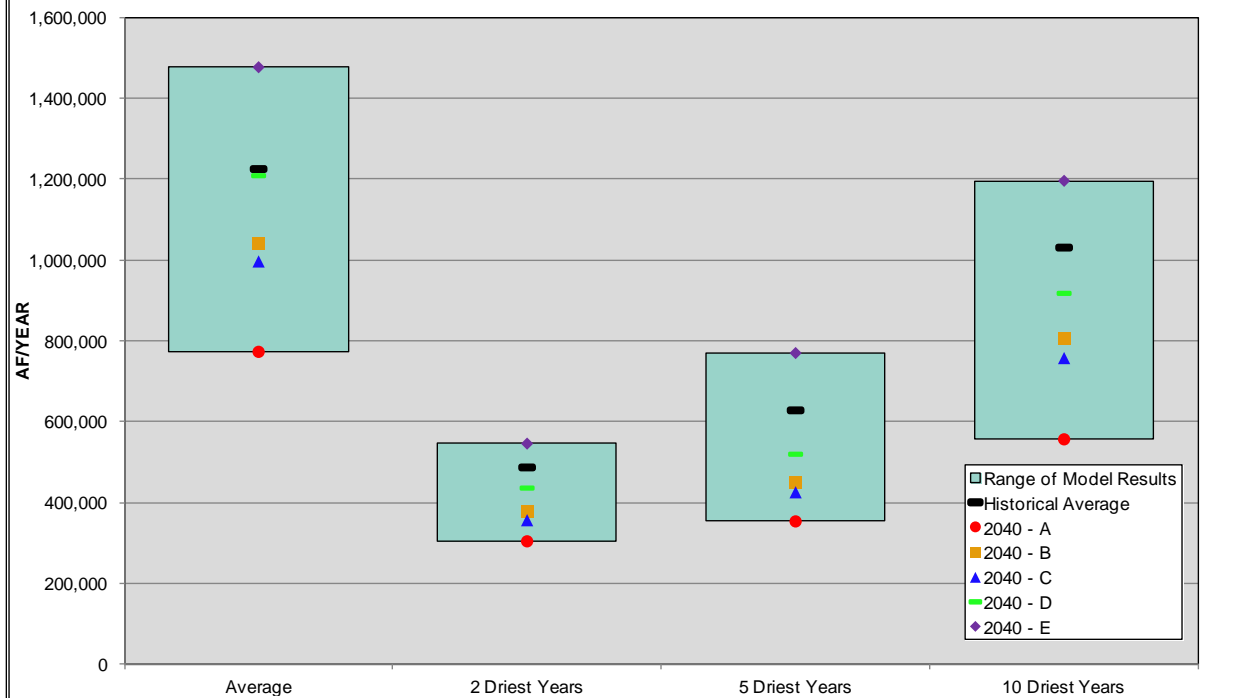
**Figure E58. Cimarron River at Cimarron (09126500)
2040 Modeled Streamflow**



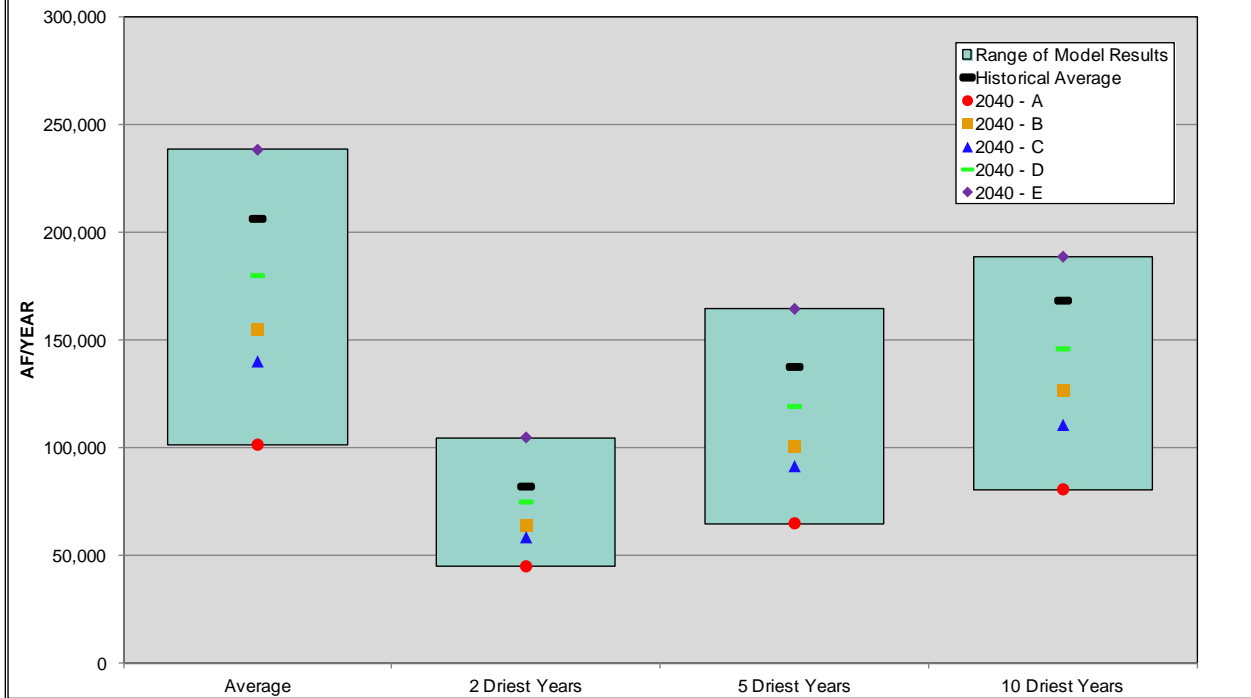
**Figure E59. Gunnison River below Gunnison Tunnel (09128000)
2040 Modeled Streamflow**



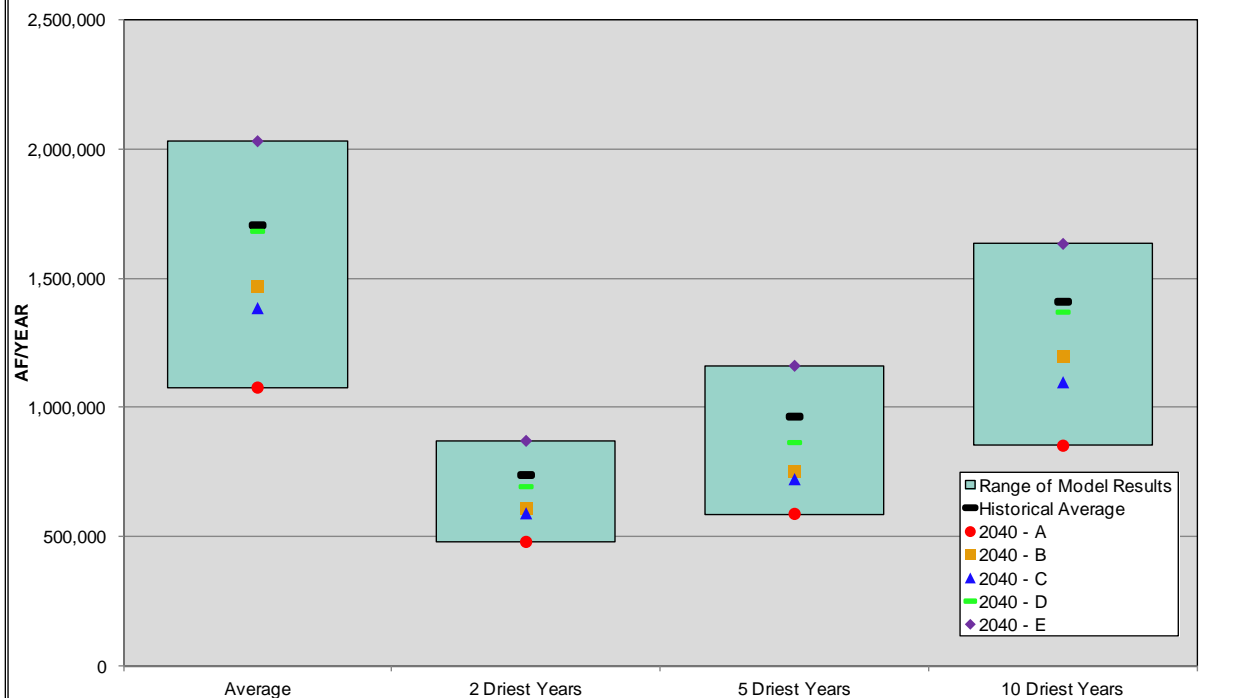
**Figure E60. Gunnison River near Lazear (09136200)
2040 Modeled Streamflow**



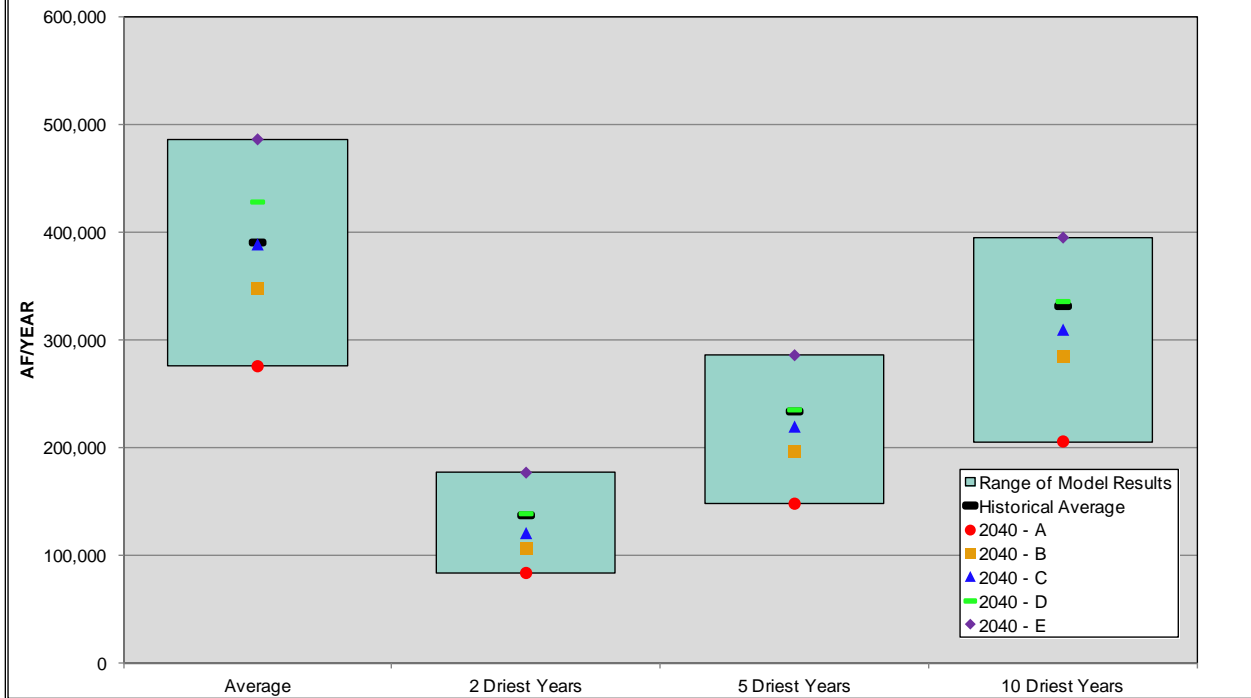
**Figure E61. Uncompahgre River at Delta (09149500)
2040 Modeled Streamflow**



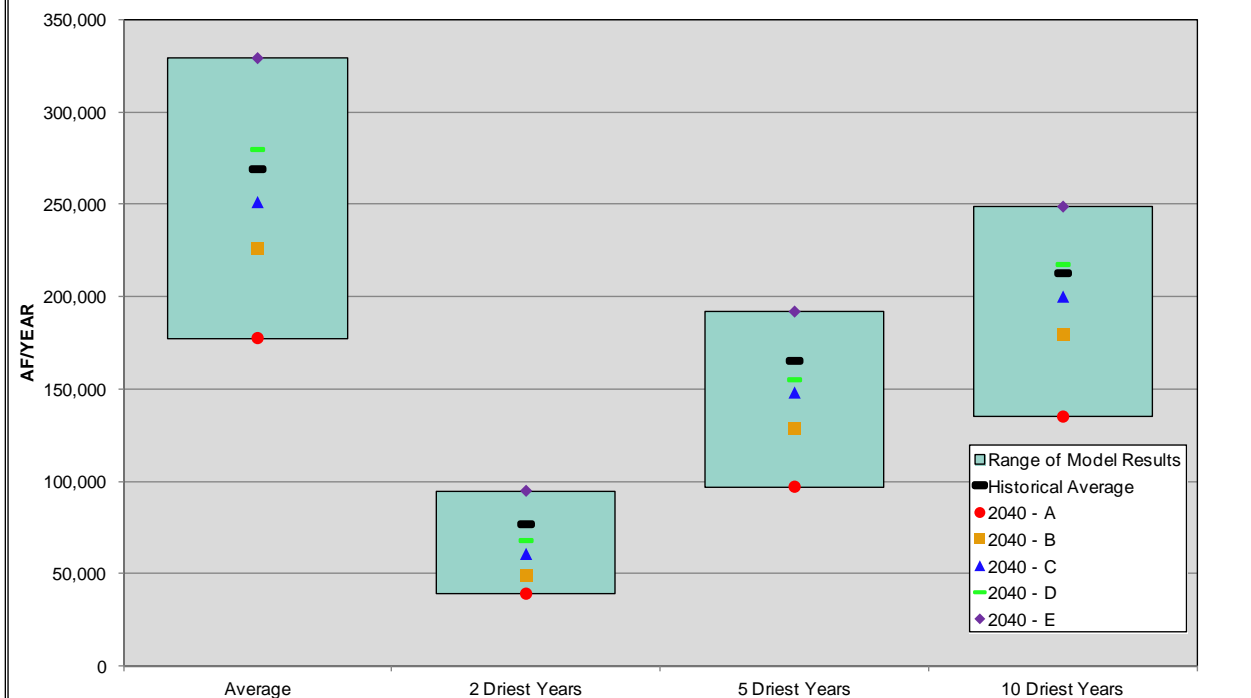
**Figure E62. Gunnison River near Grand Junction (09152500)
2040 Modeled Streamflow**



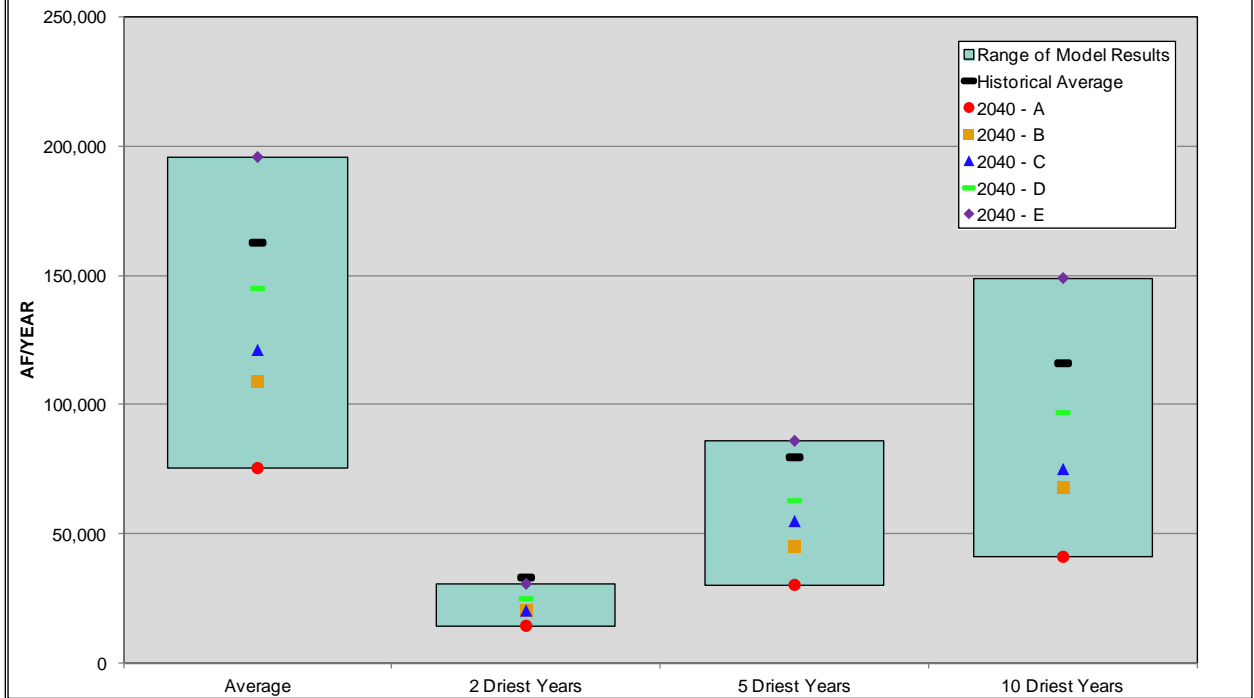
**Figure E63. San Juan River near Carracas (09346400)
2040 Modeled Streamflow**



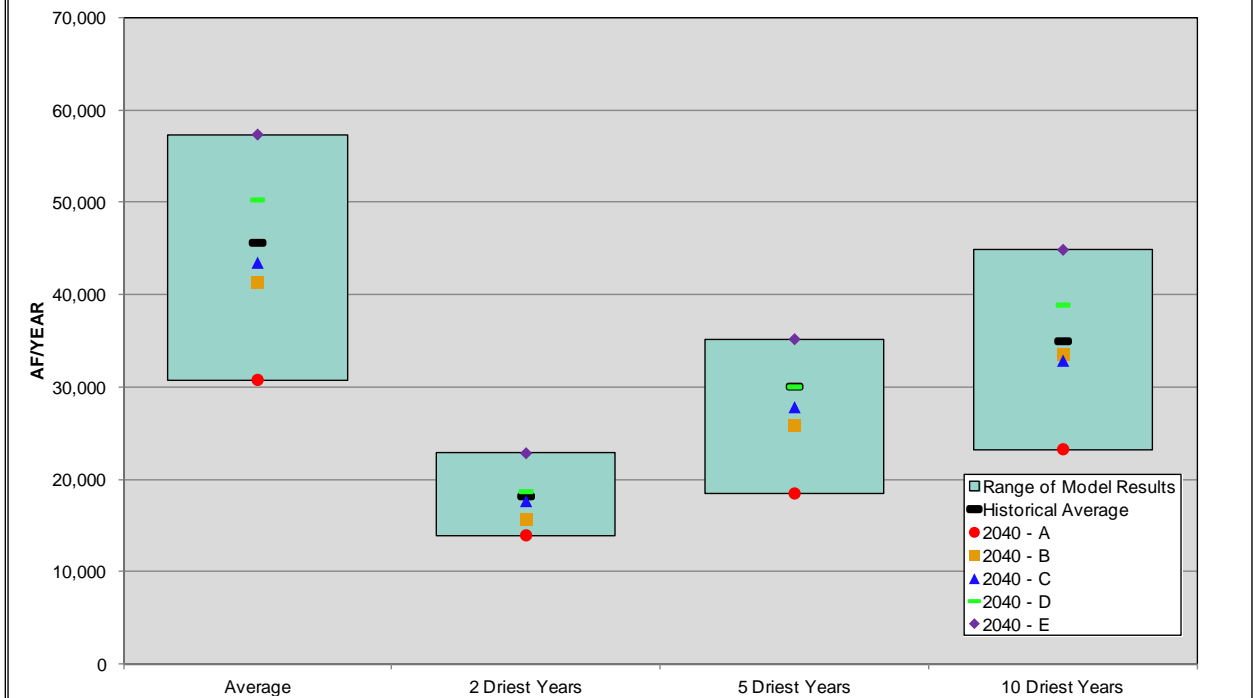
**Figure E64. Piedra River near Arboles (09349800)
2040 Modeled Streamflow**



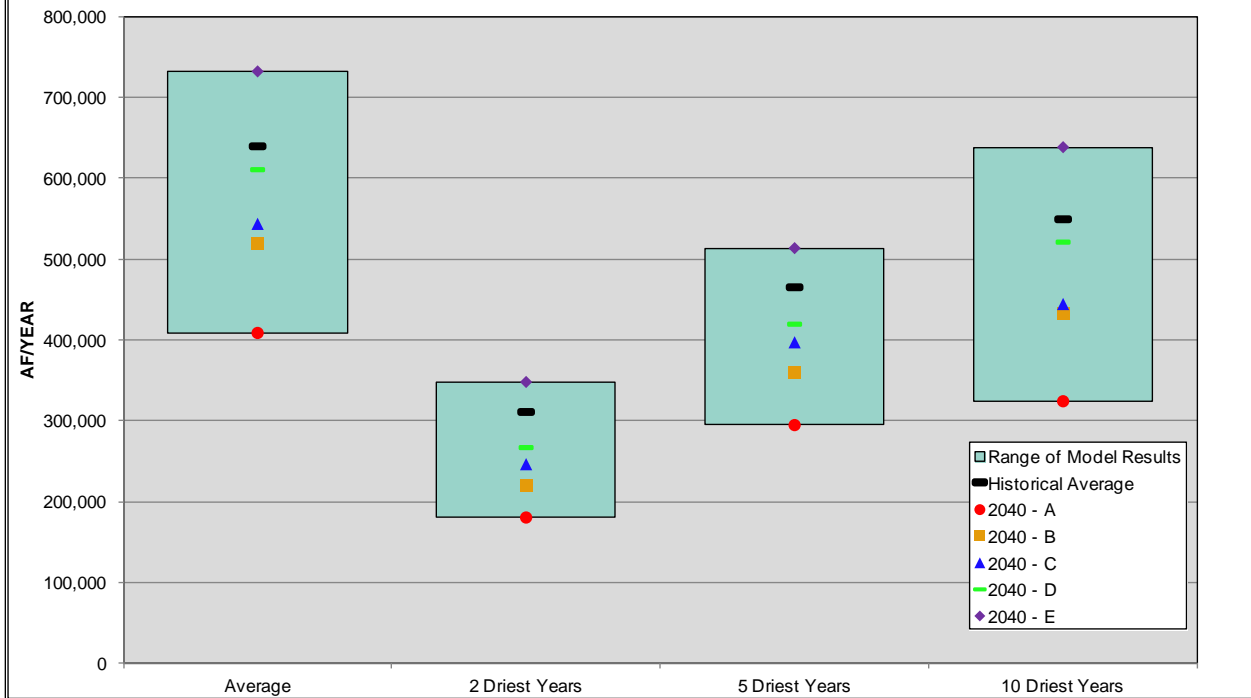
**Figure E65. Los Pinos River at La Boca (09354500)
2040 Modeled Streamflow**



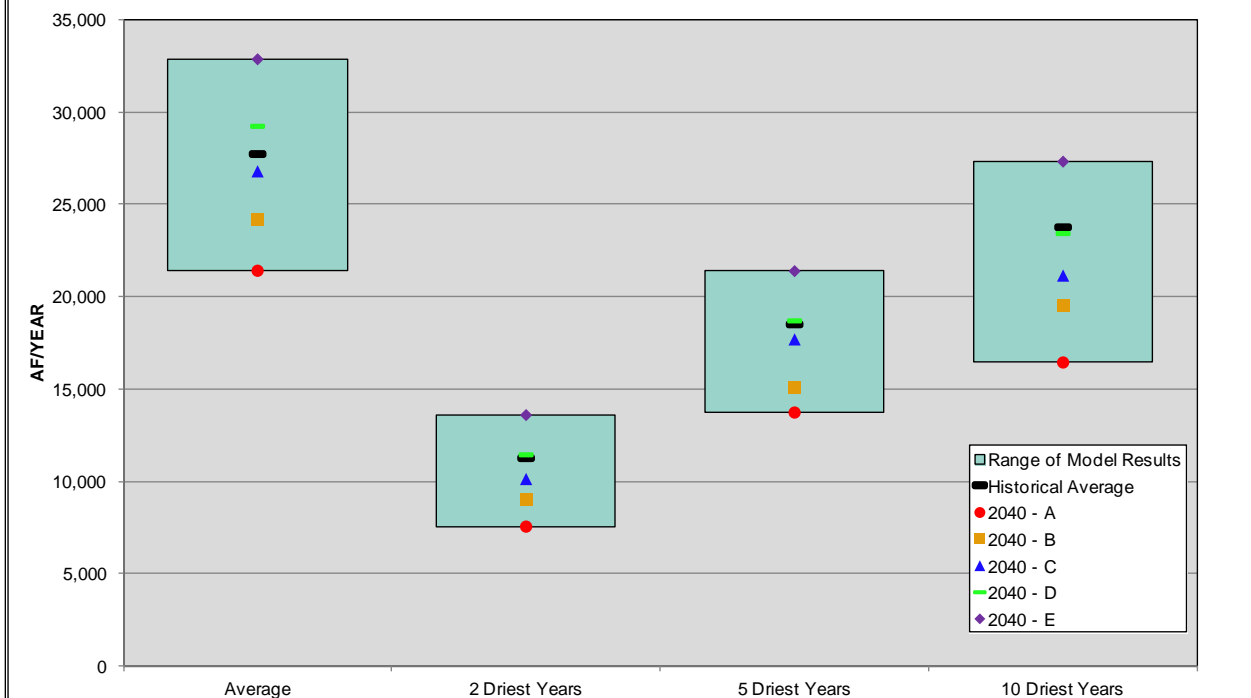
**Figure E66. Florida River at Bondad (09363200)
2040 Modeled Streamflow**



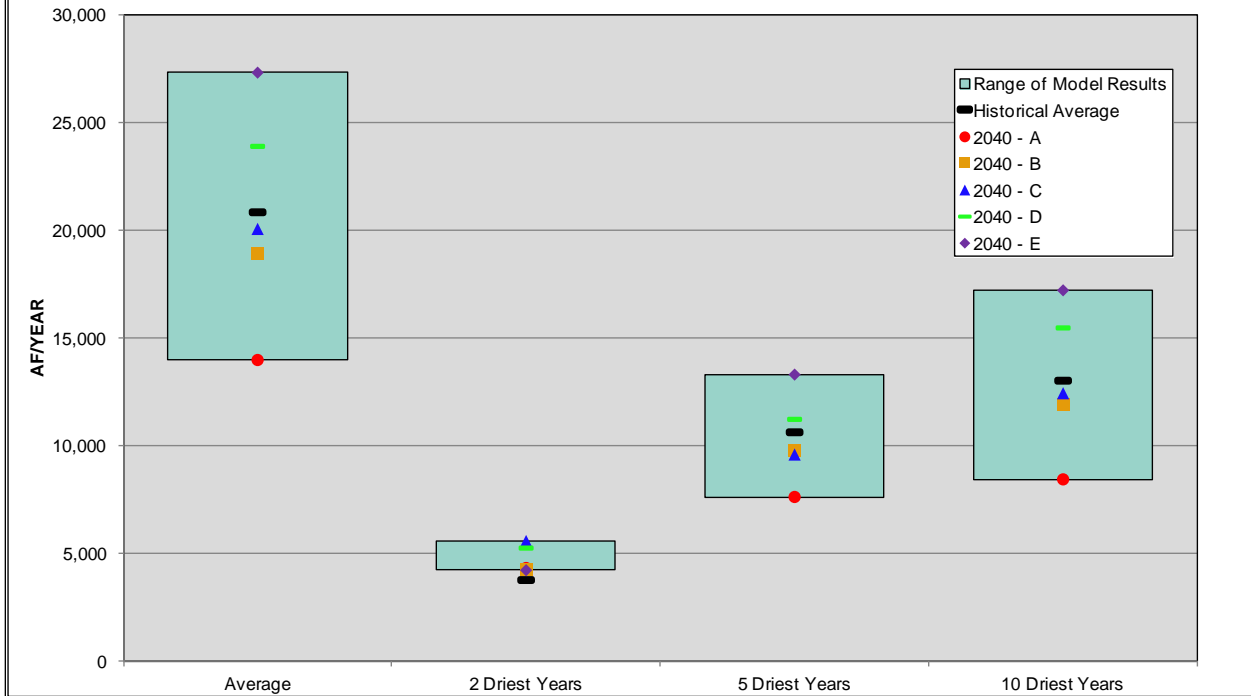
**Figure E67. Animas River near Cedar Hill, NM (09363500)
2040 Modeled Streamflow**



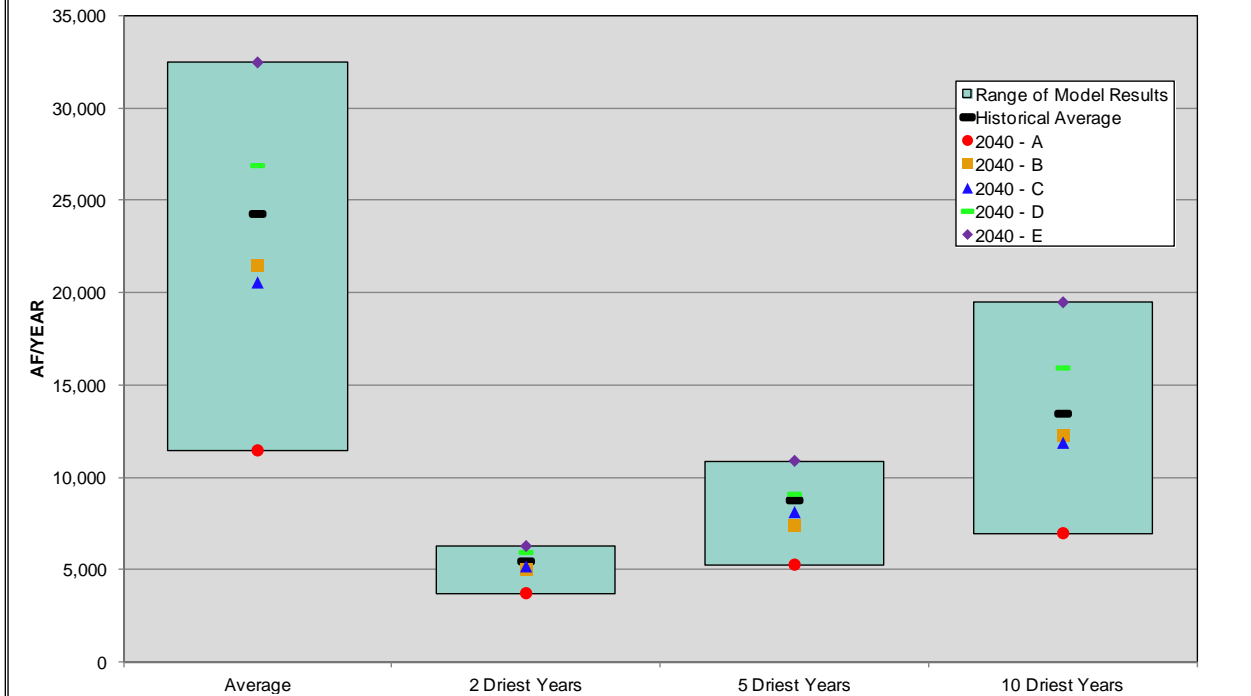
**Figure E68. La Plata River at Hesperus (09365500)
2040 Modeled Streamflow**



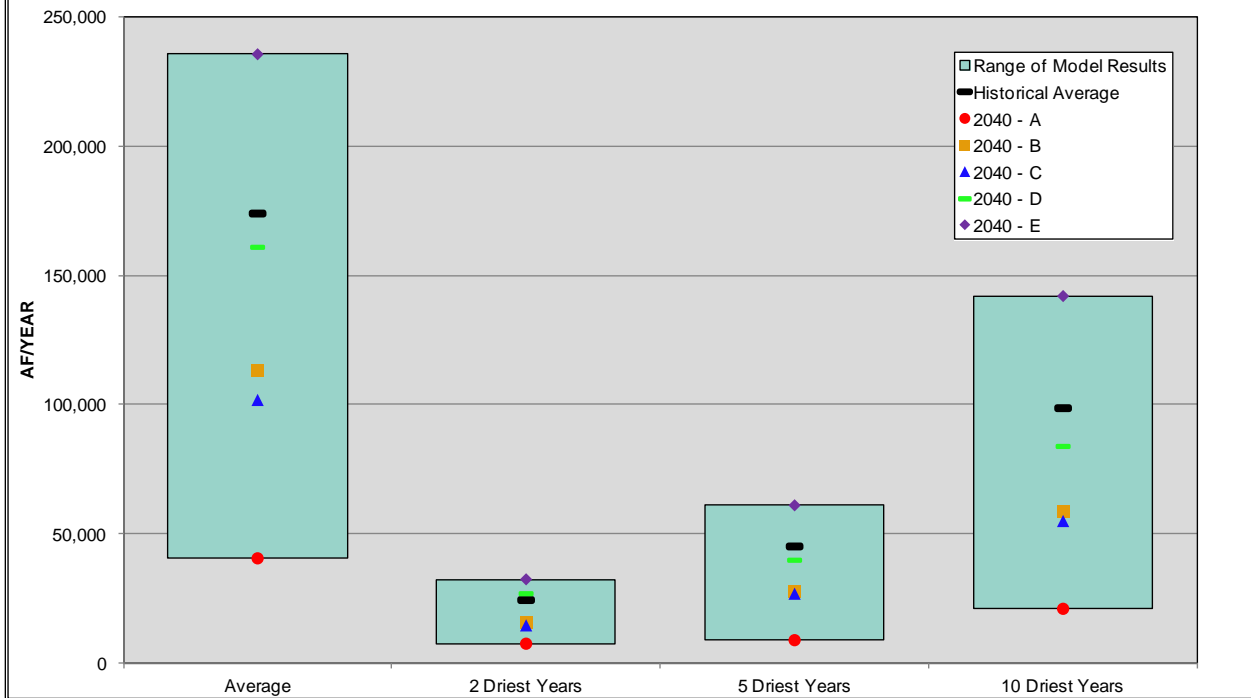
**Figure E69. La Plata River at The Colorado-New Mexico Stateline (09366500)
2040 Modeled Streamflow**



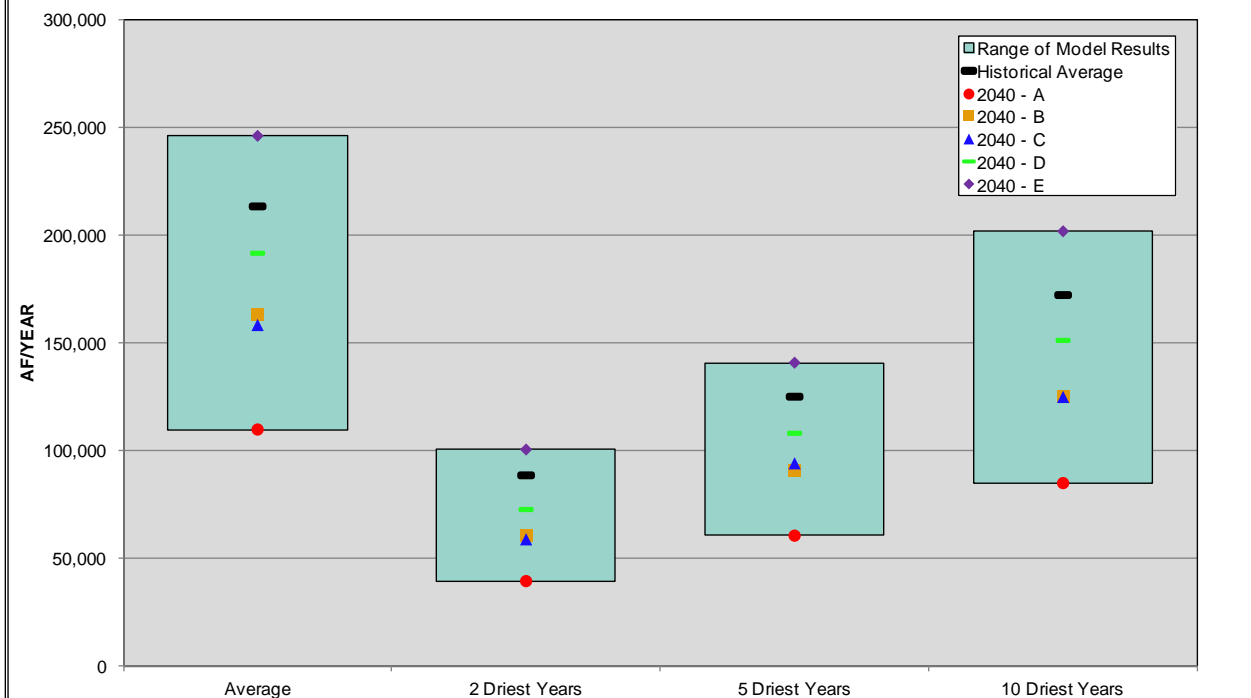
**Figure E70. Mancos River near Towaoc (09371000)
2040 Modeled Streamflow**



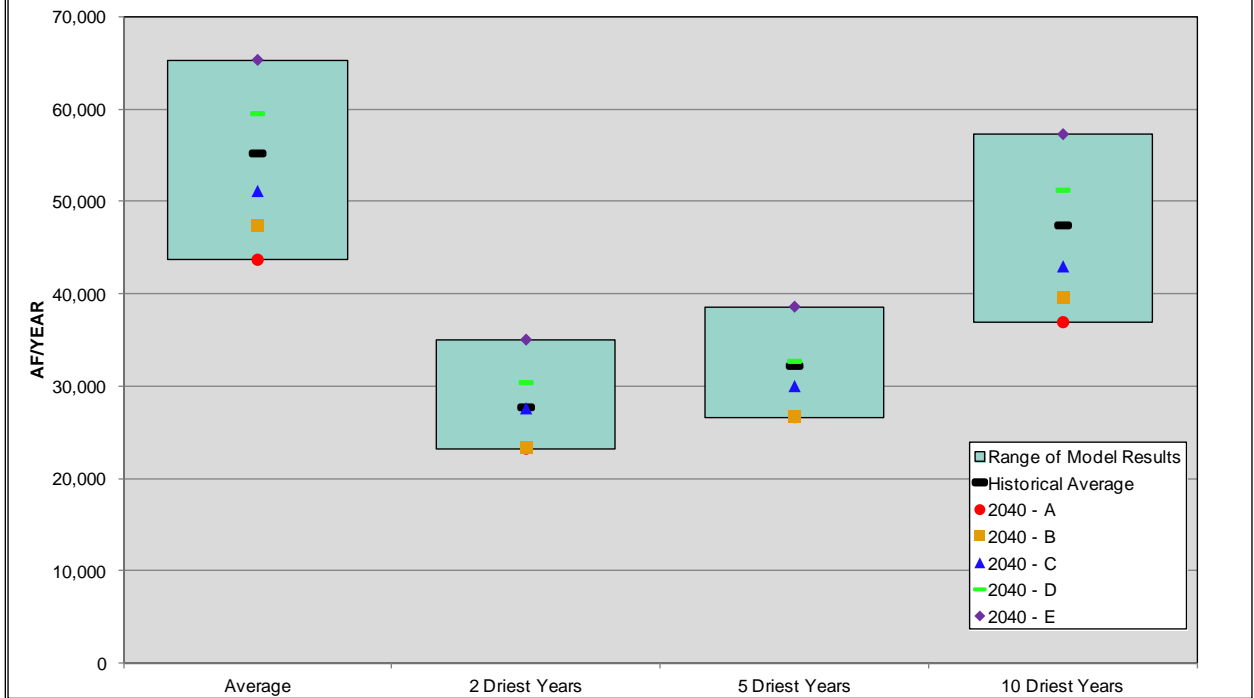
**Figure E71. Dolores River near Bedrock (09171100)
2040 Modeled Streamflow**



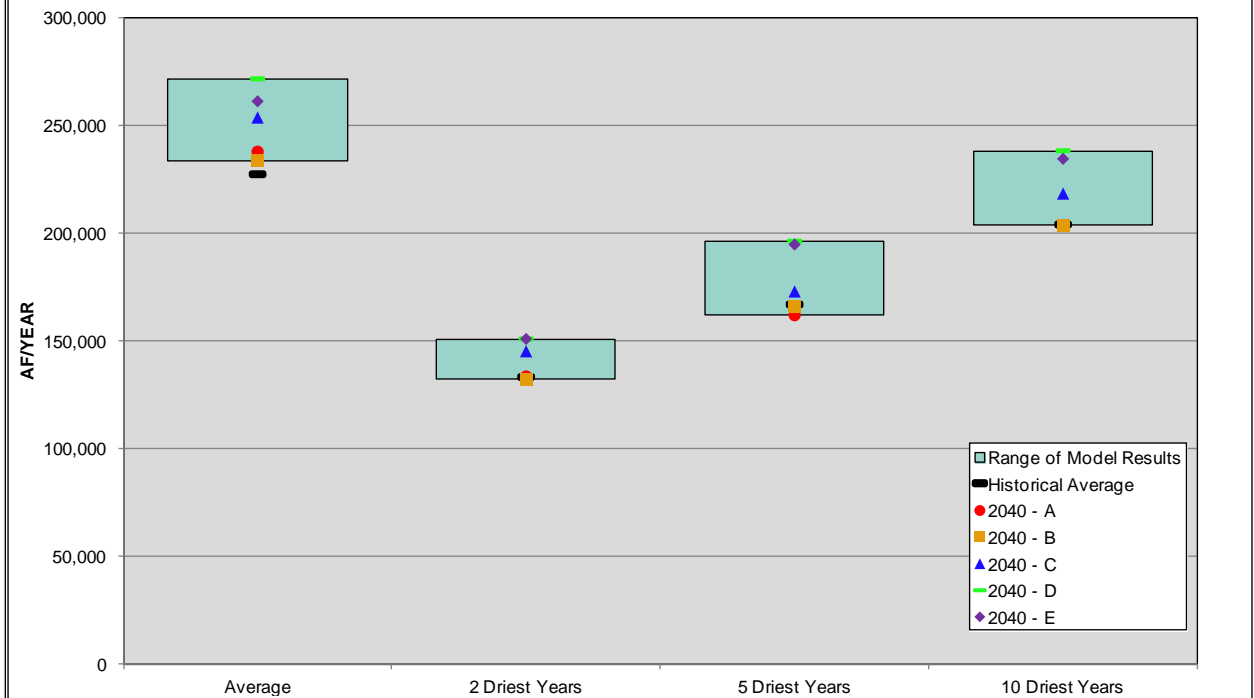
**Figure E72. San Miguel River at Naturita (09175500)
2040 Modeled Streamflow**



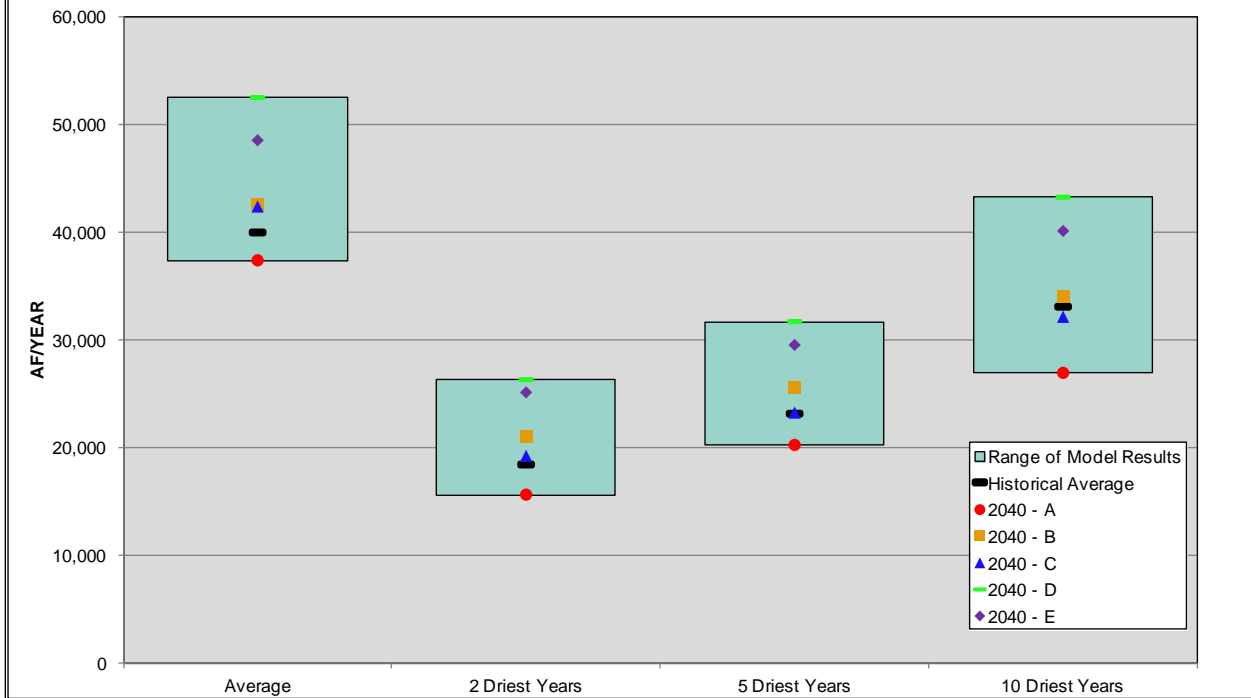
**Figure E73. Yampa River below Stagecoach Reservoir (09237500)
2040 Modeled Streamflow**



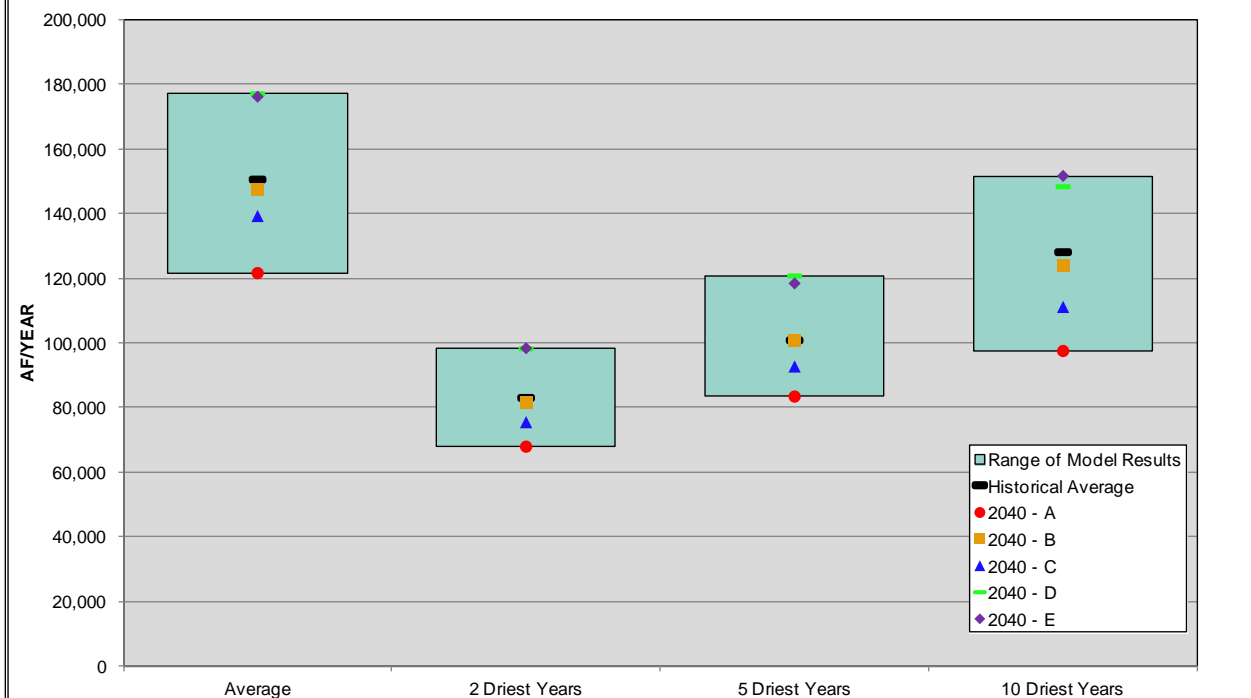
**Figure E74. Elk River at Clark (09241000)
2040 Modeled Streamflow**

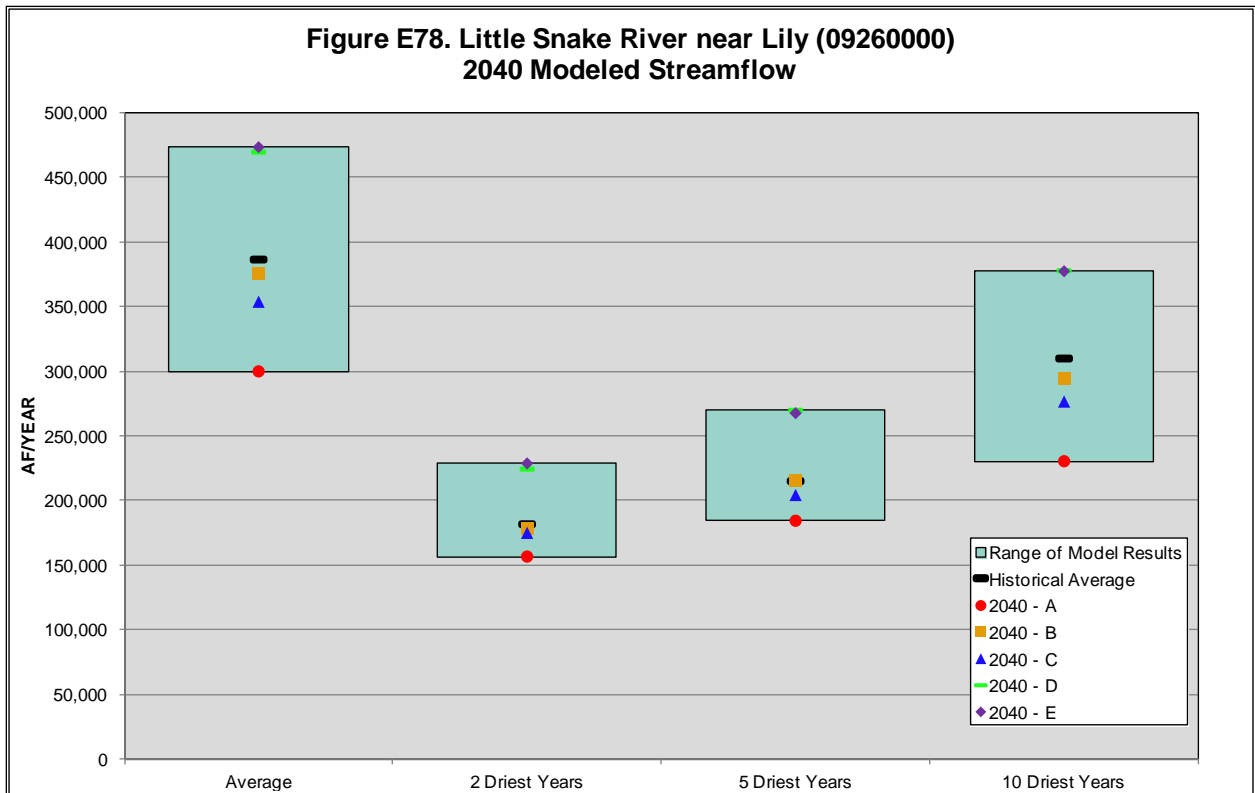
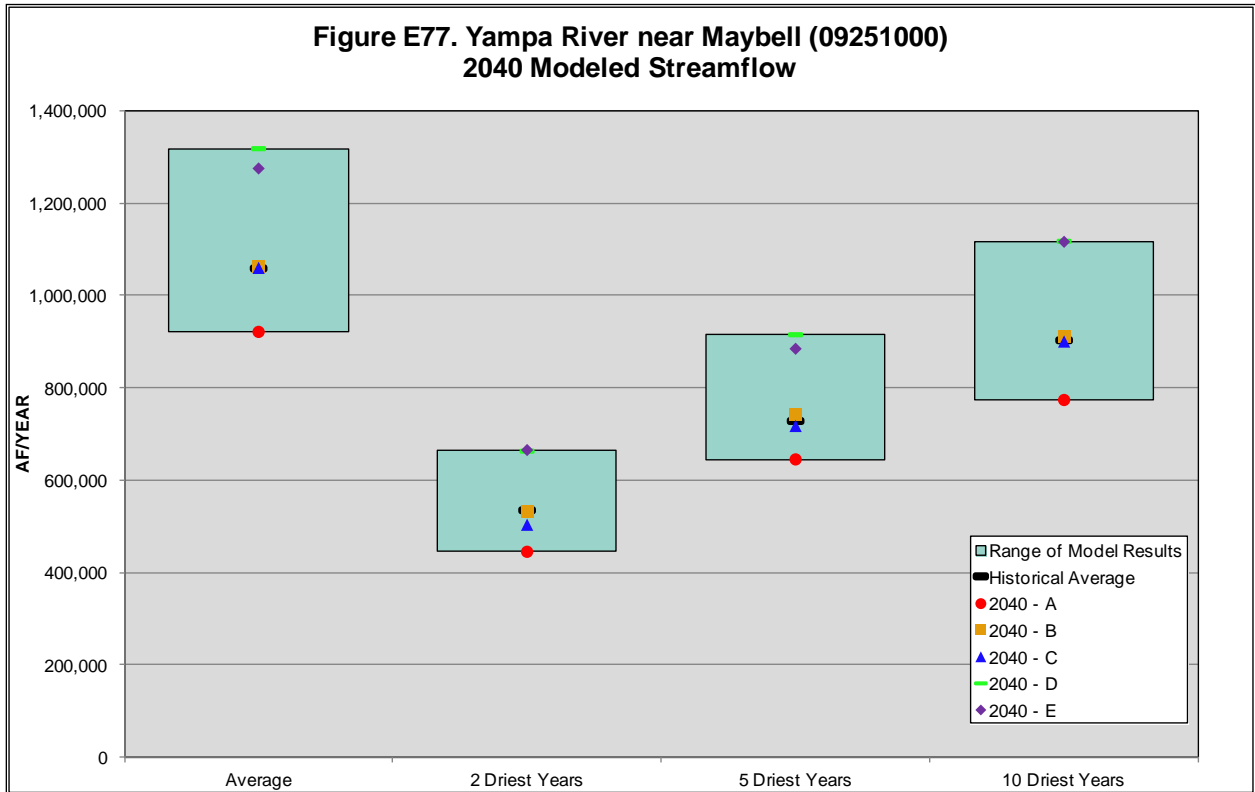


**Figure E75. Elkhead Creek near Elkhead (09245000)
2040 Modeled Streamflow**

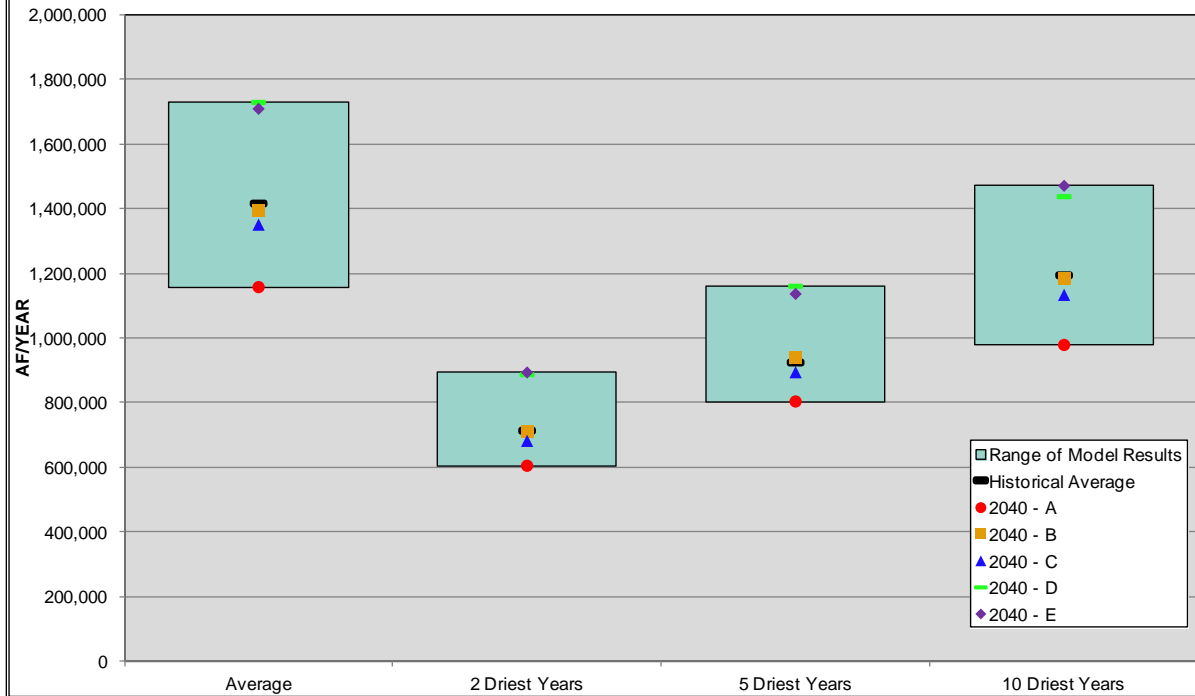


**Figure E76. Williams Fork at Mouth, near Hamilton (09249750)
2040 Modeled Streamflow**

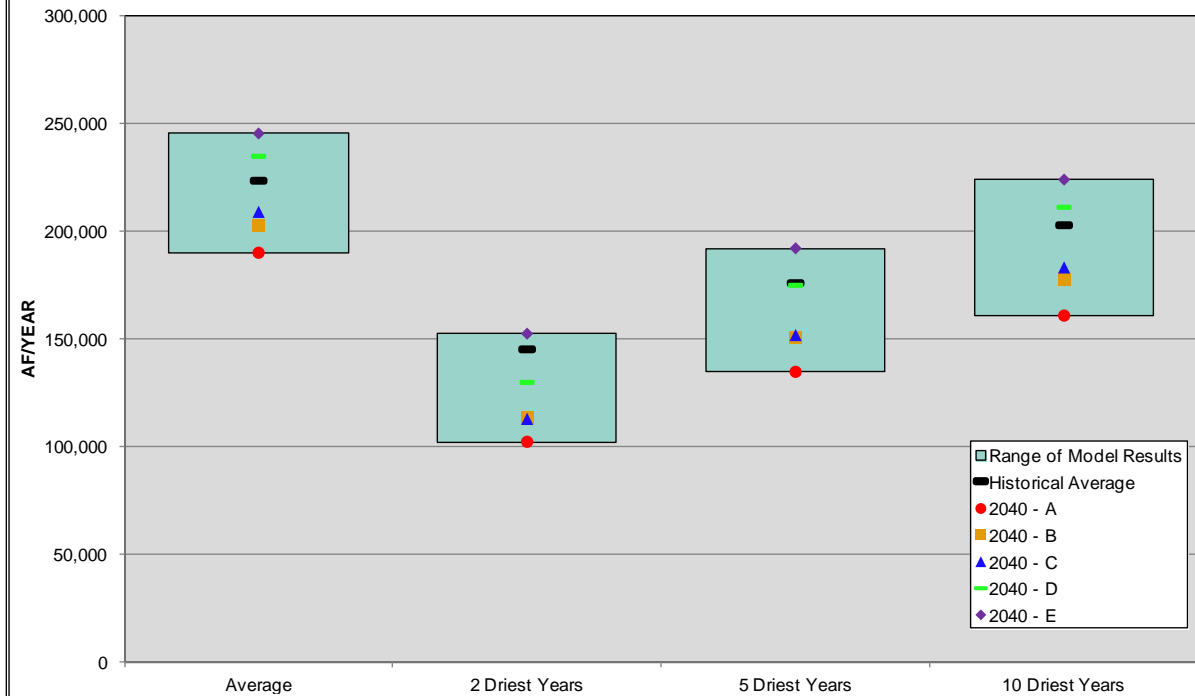




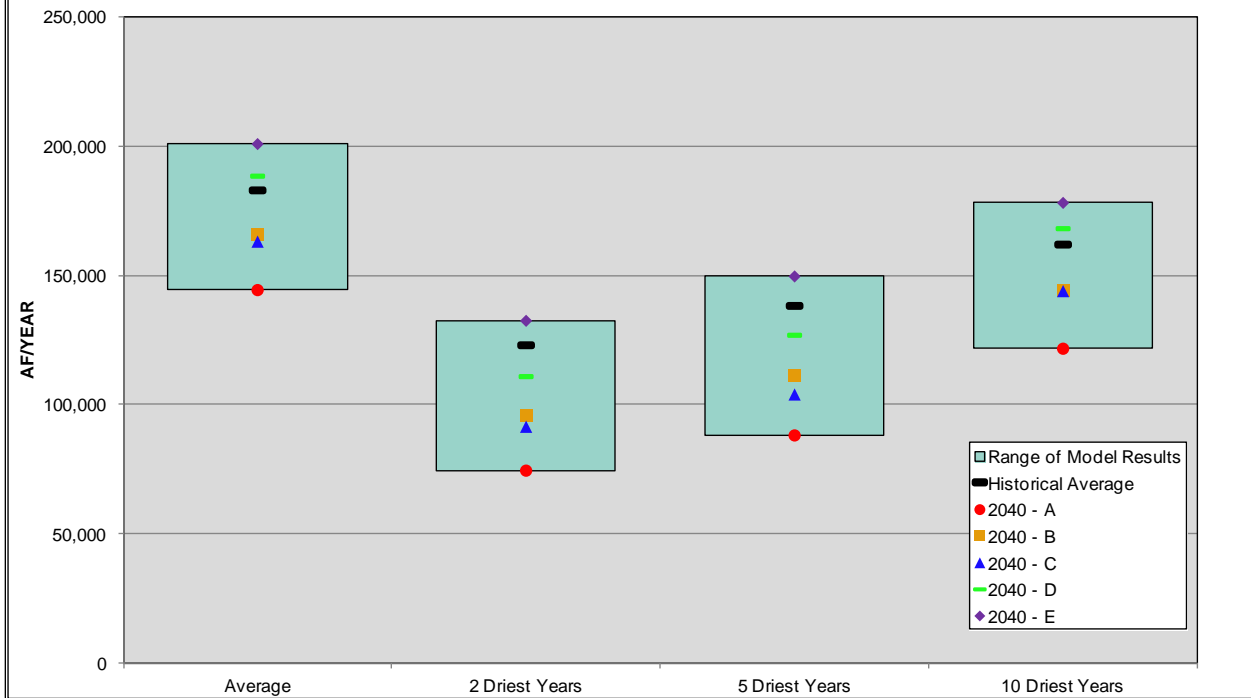
**Figure E79. Yampa River at Deerlodge Park (09260050)
2040 Modeled Streamflow**



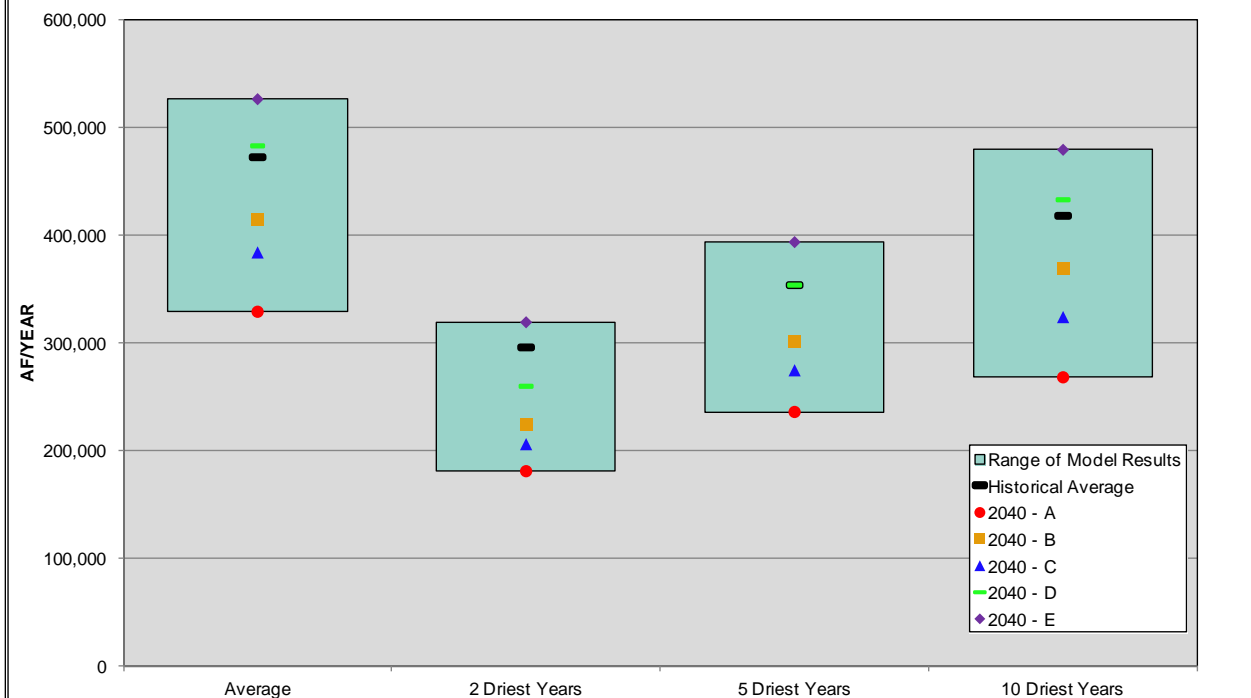
**Figure E80. North Fork White River at Buford (09303000)
2040 Modeled Streamflow**



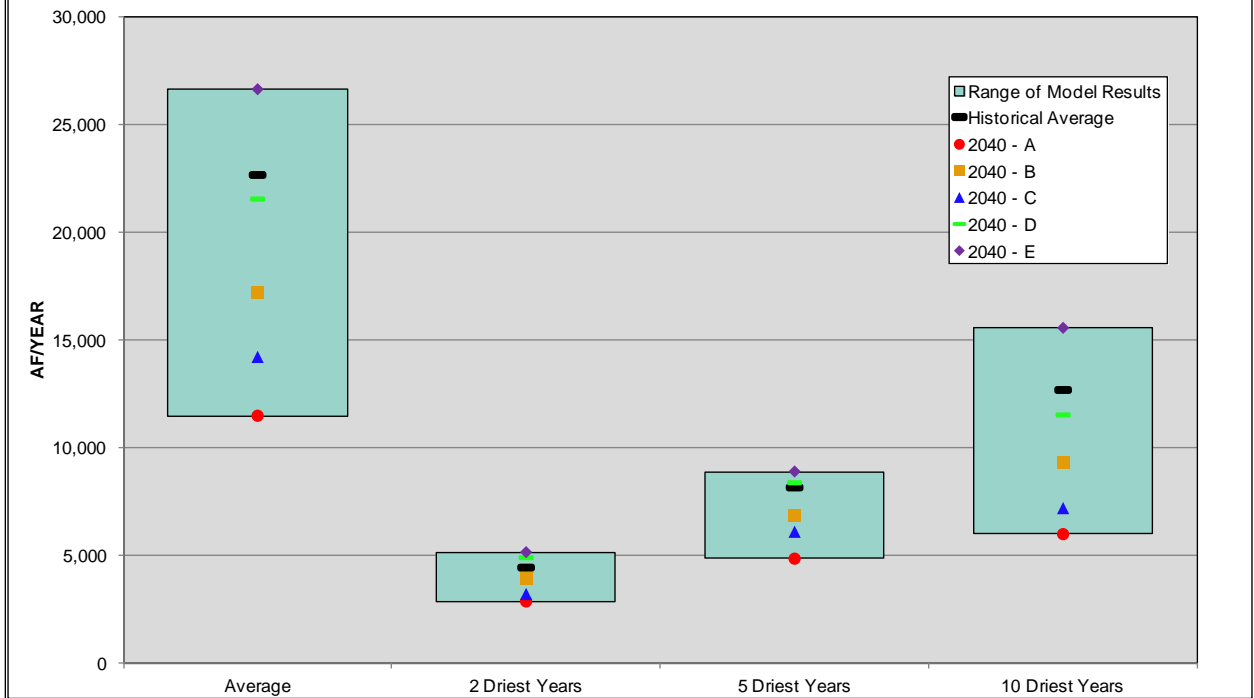
**Figure E81. South Fork White River at Buford (09304000)
2040 Modeled Streamflow**



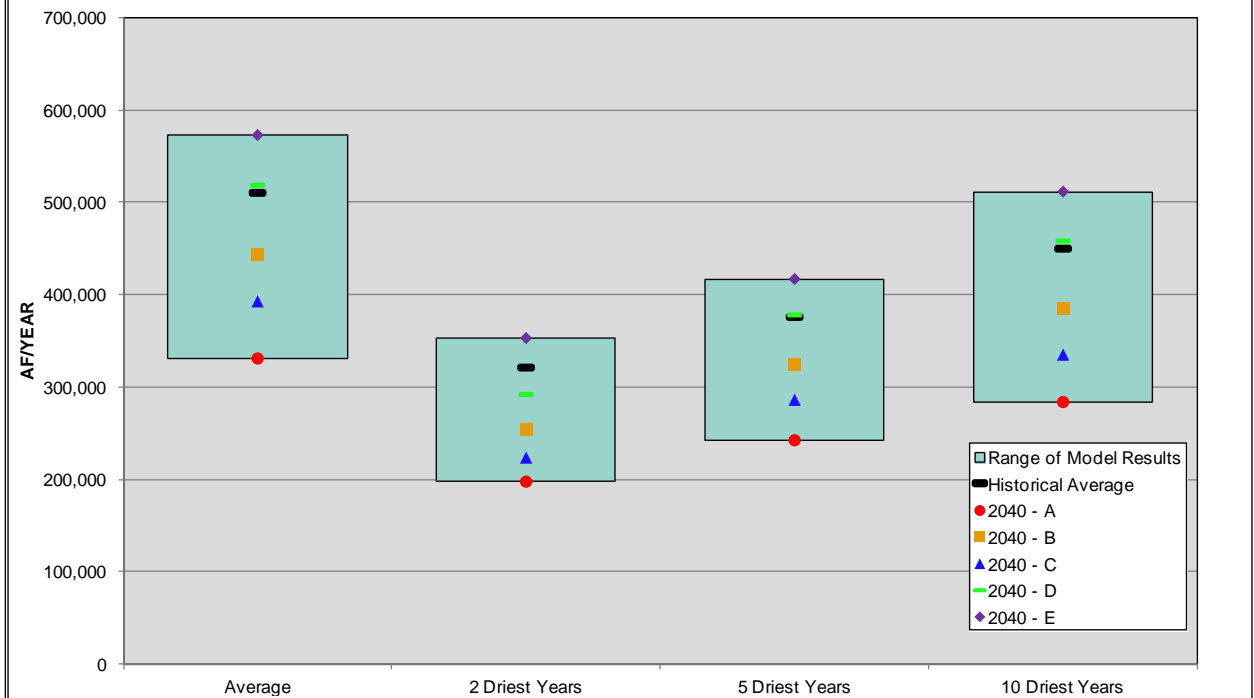
**Figure E82. White River below Meeker (09304800)
2040 Modeled Streamflow**



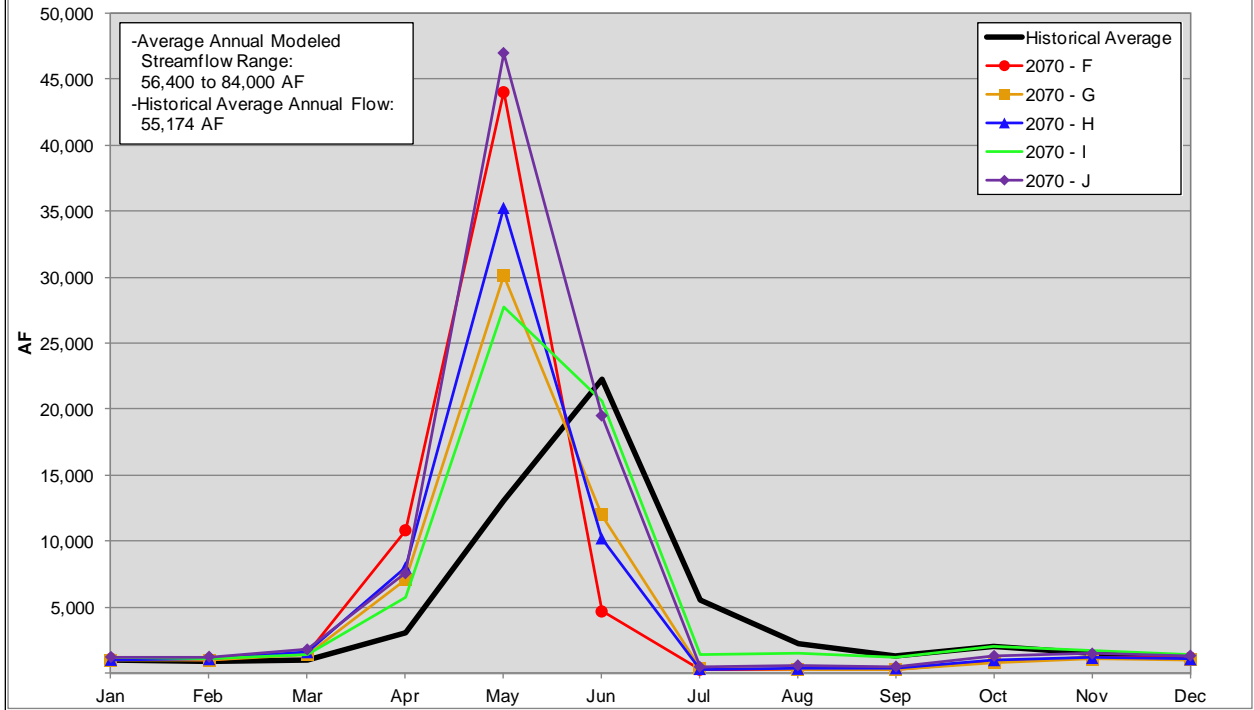
**Figure E83. Piceance Creek at White River (09306222)
2040 Modeled Streamflow**



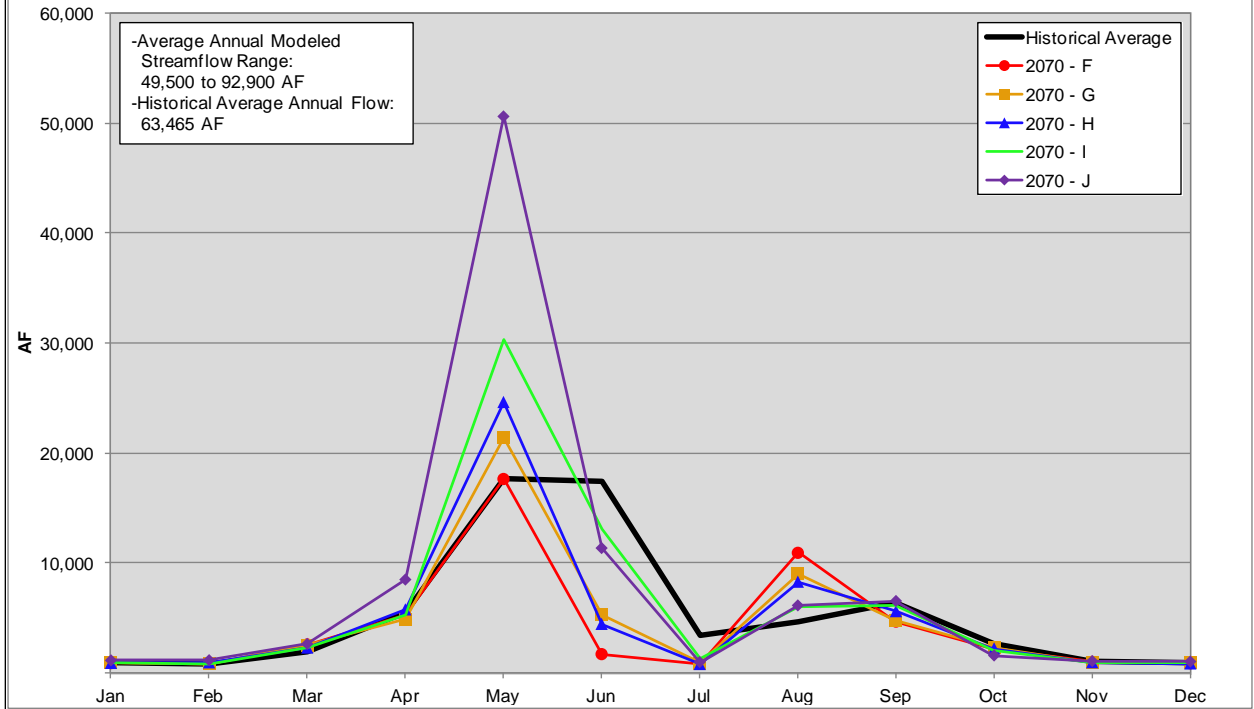
**Figure E84. White River near Colorado State Line, UT (09306395)
2040 Modeled Streamflow**



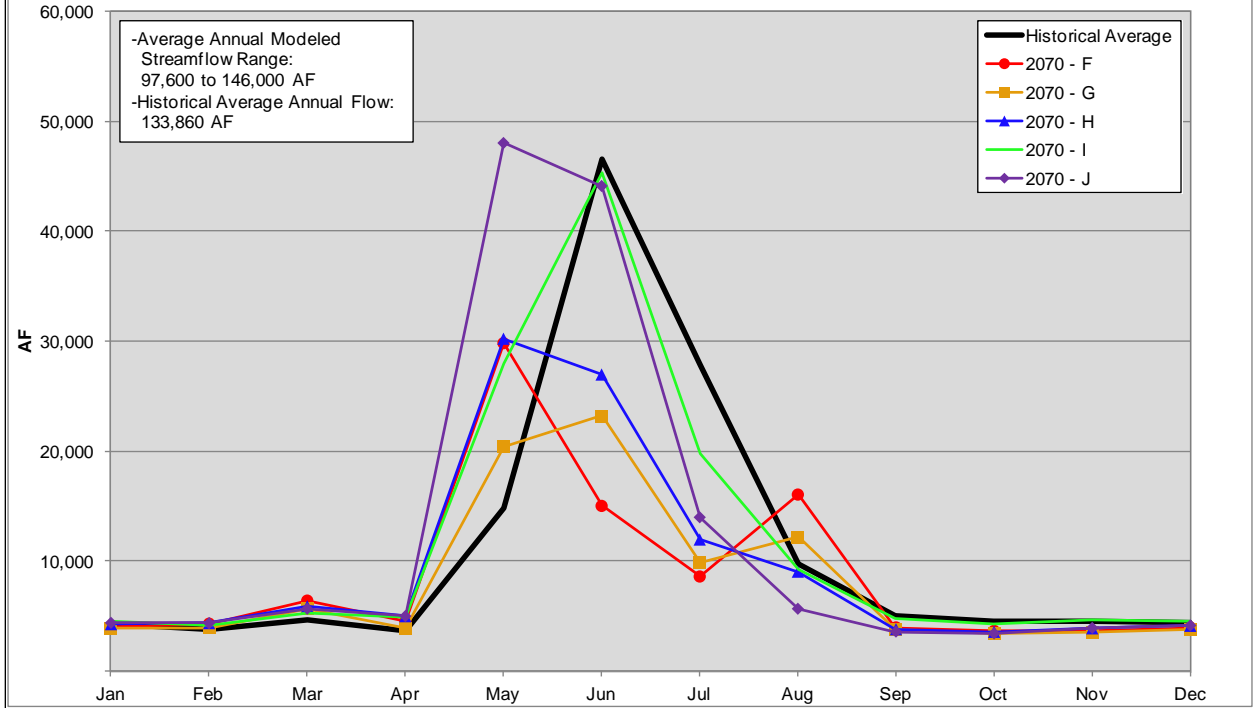
**Figure E85. Colorado River near Grand Lake (09011000)
2070 Average Monthly Modeled Streamflow**



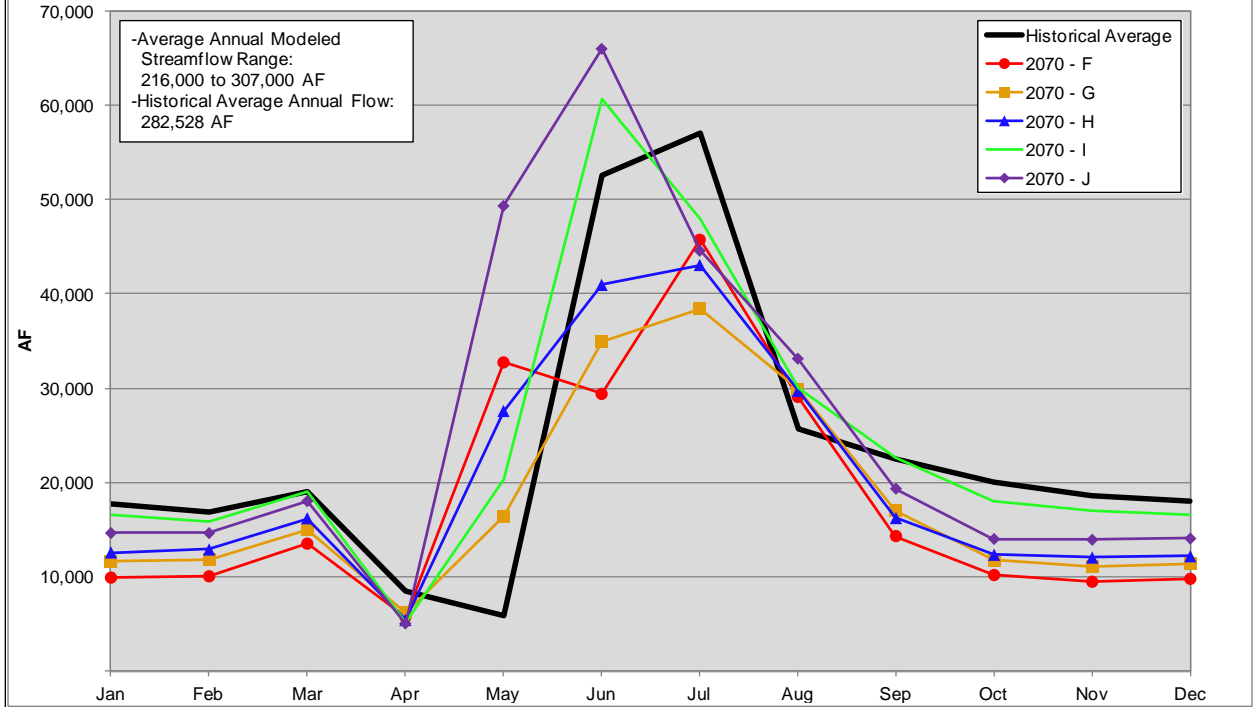
**Figure E86. Muddy Creek at Kremmling (09041500)
2070 Average Monthly Modeled Streamflow**



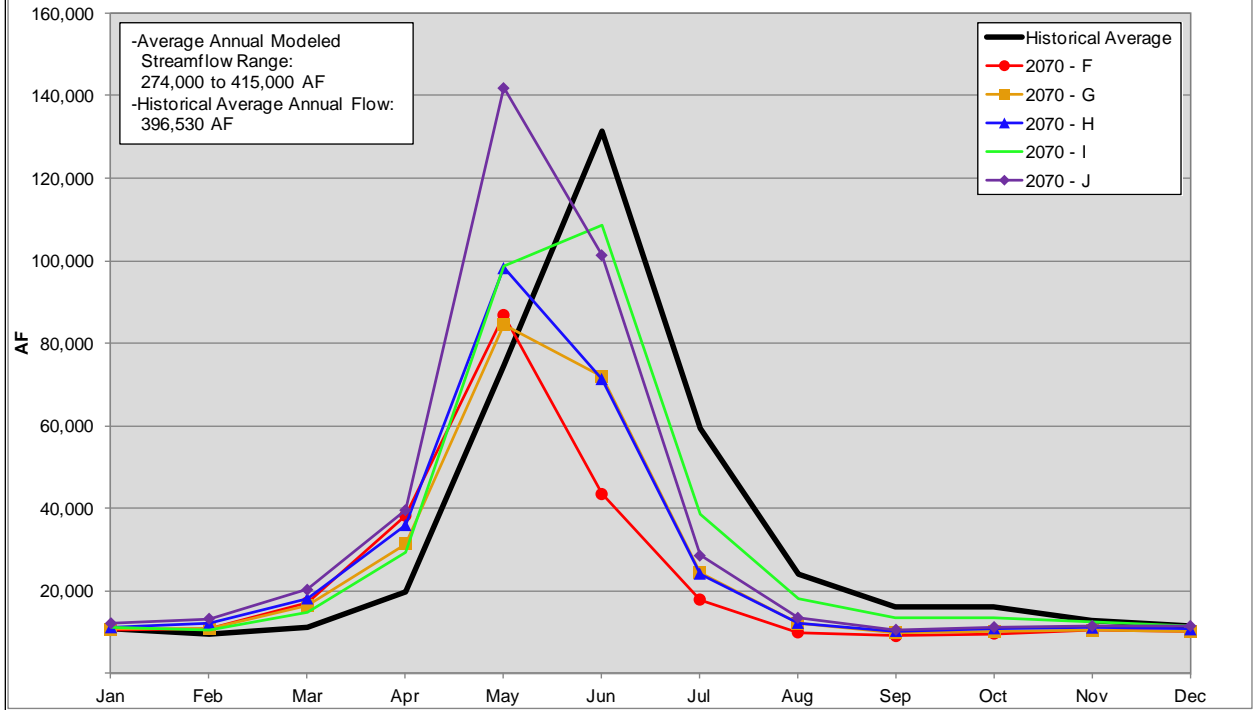
**Figure E87. Blue River below Dillon Reservoir (09050700)
2070 Average Monthly Modeled Streamflow**



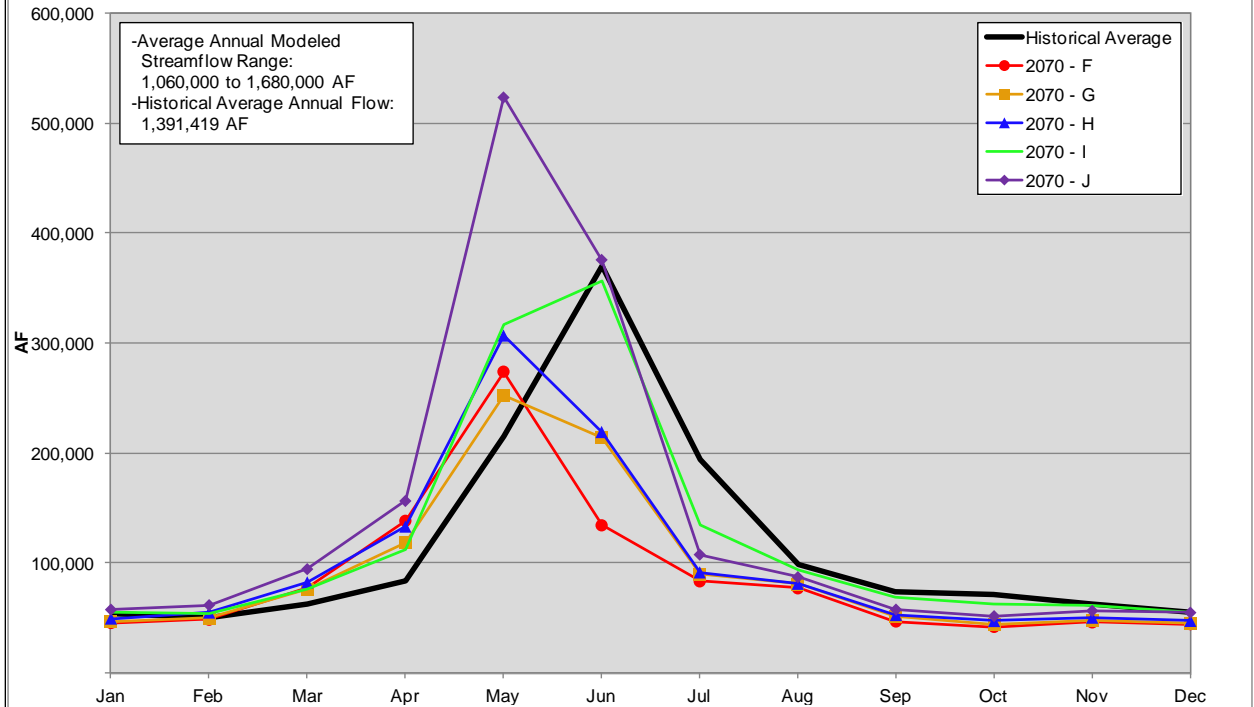
**Figure E88. Blue River below Green Mountain Reservoir (09057500)
2070 Average Monthly Modeled Streamflow**



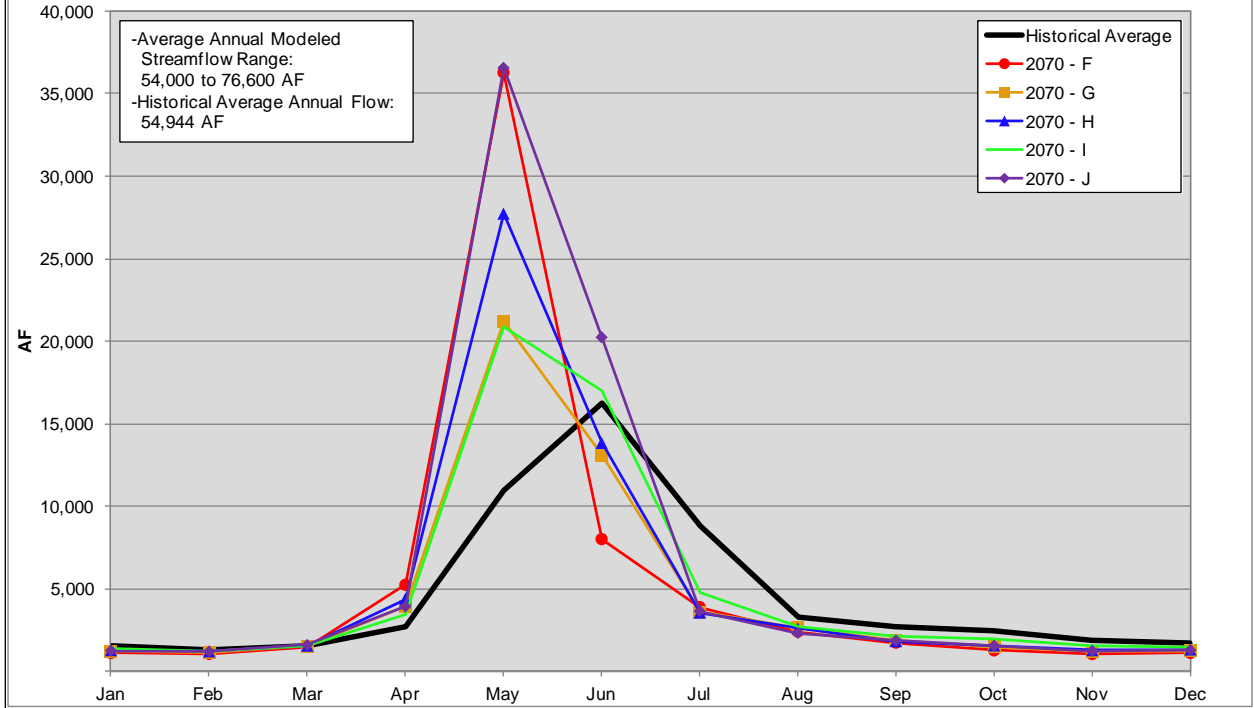
**Figure E89. Eagle River below Gypsum (09070000)
2070 Average Monthly Modeled Streamflow**



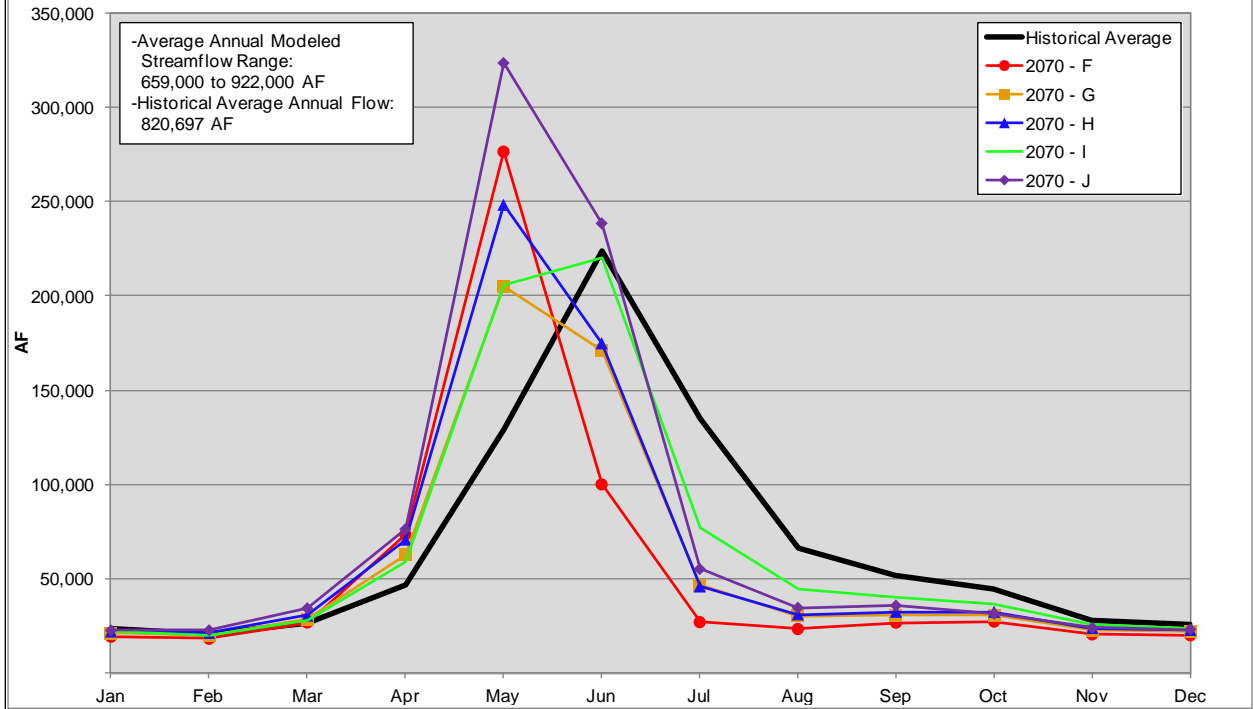
**Figure E90. Colorado River near Dotsero (09070500)
2070 Average Monthly Modeled Streamflow**



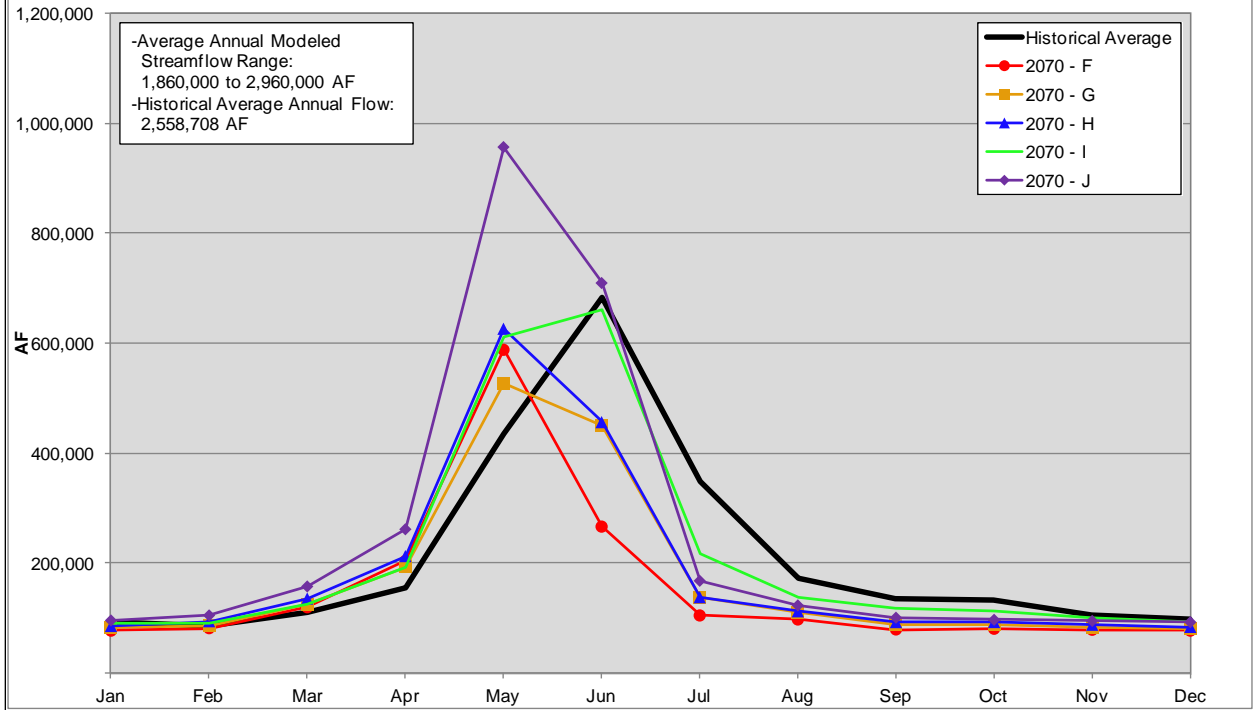
**Figure E91. Roaring Fork River near Aspen (09073400)
2070 Average Monthly Modeled Streamflow**



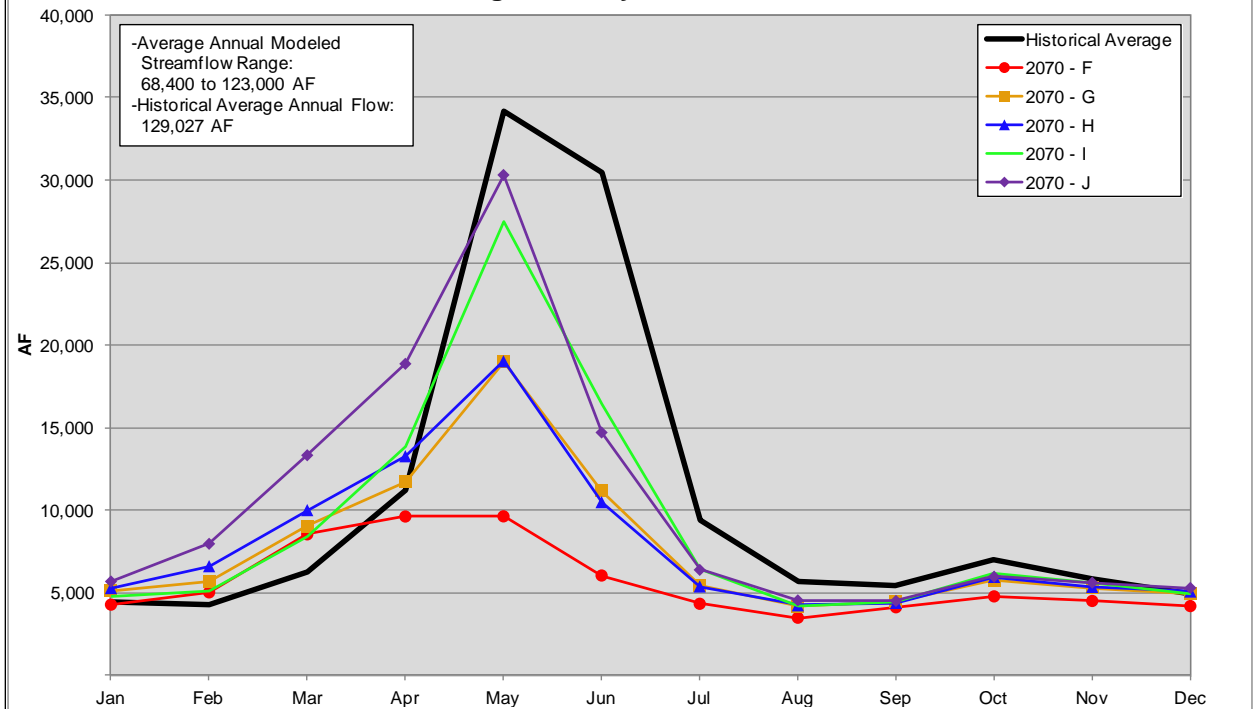
**Figure E92. Roaring Fork River at Glenwood Springs (09085000)
2070 Average Monthly Modeled Streamflow**



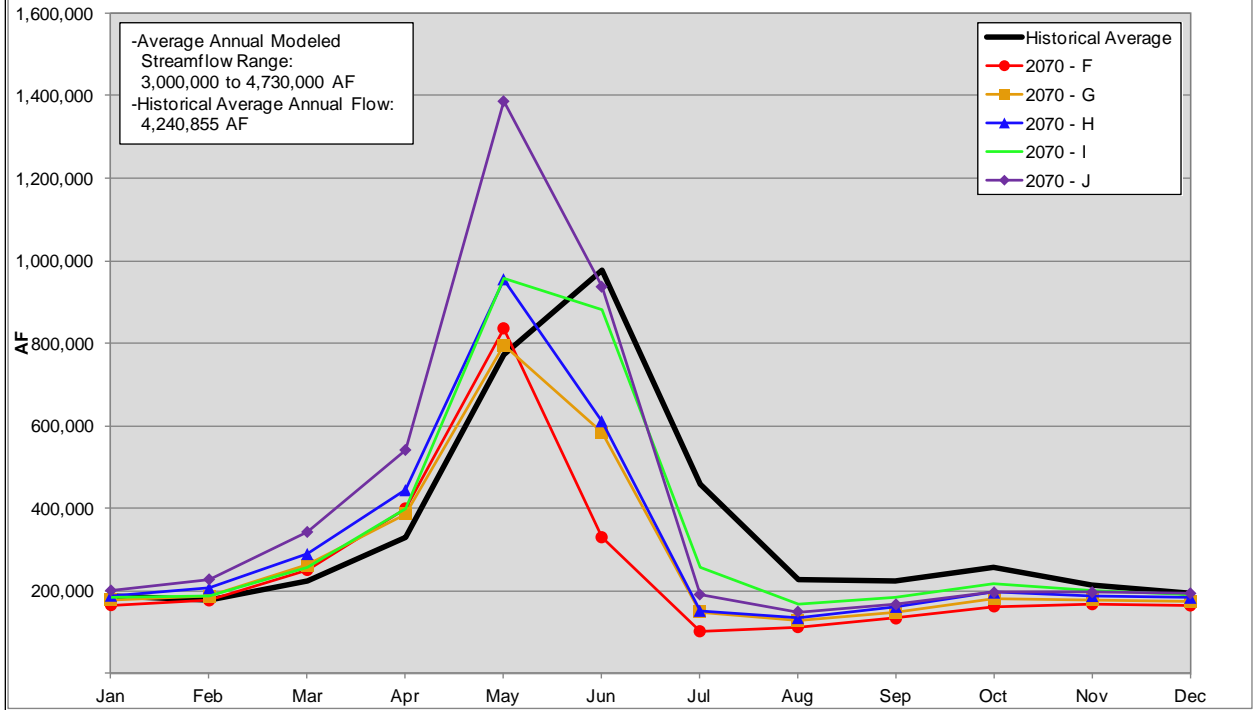
**Figure E93. Colorado River near Cameo (09095500)
2070 Average Monthly Modeled Streamflow**



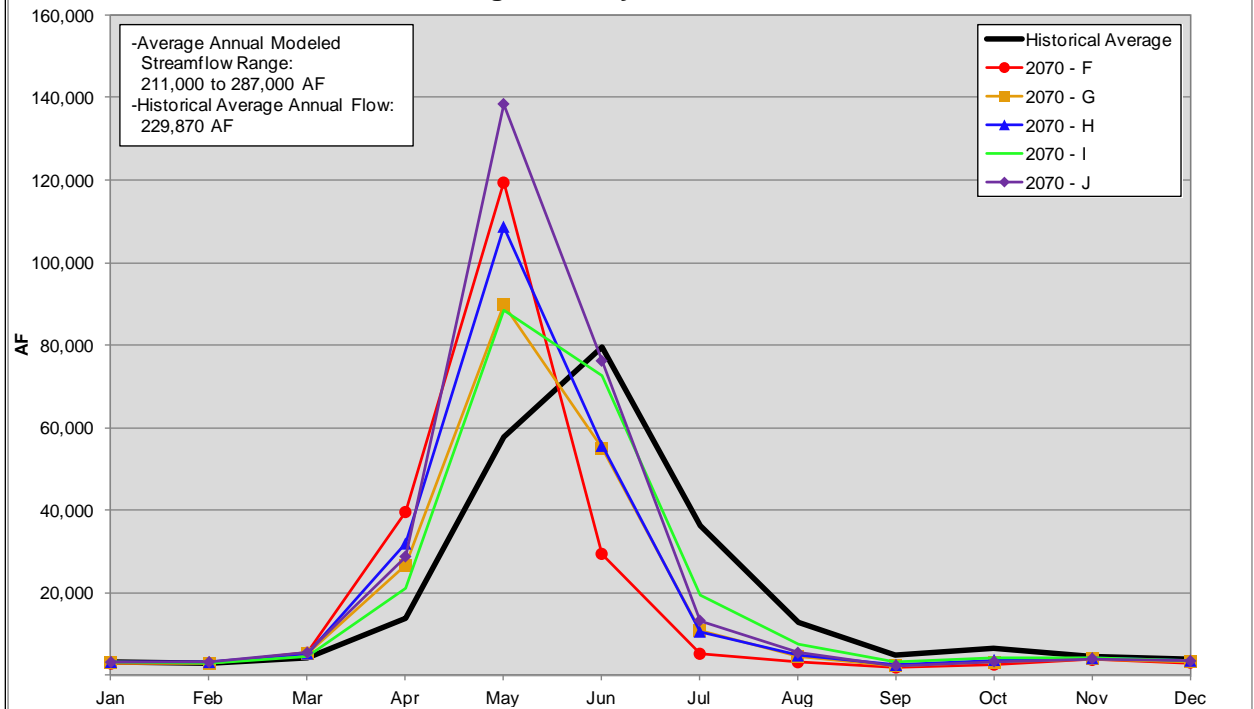
**Figure E94. Plateau Creek near Cameo (09105000)
2070 Average Monthly Modeled Streamflow**



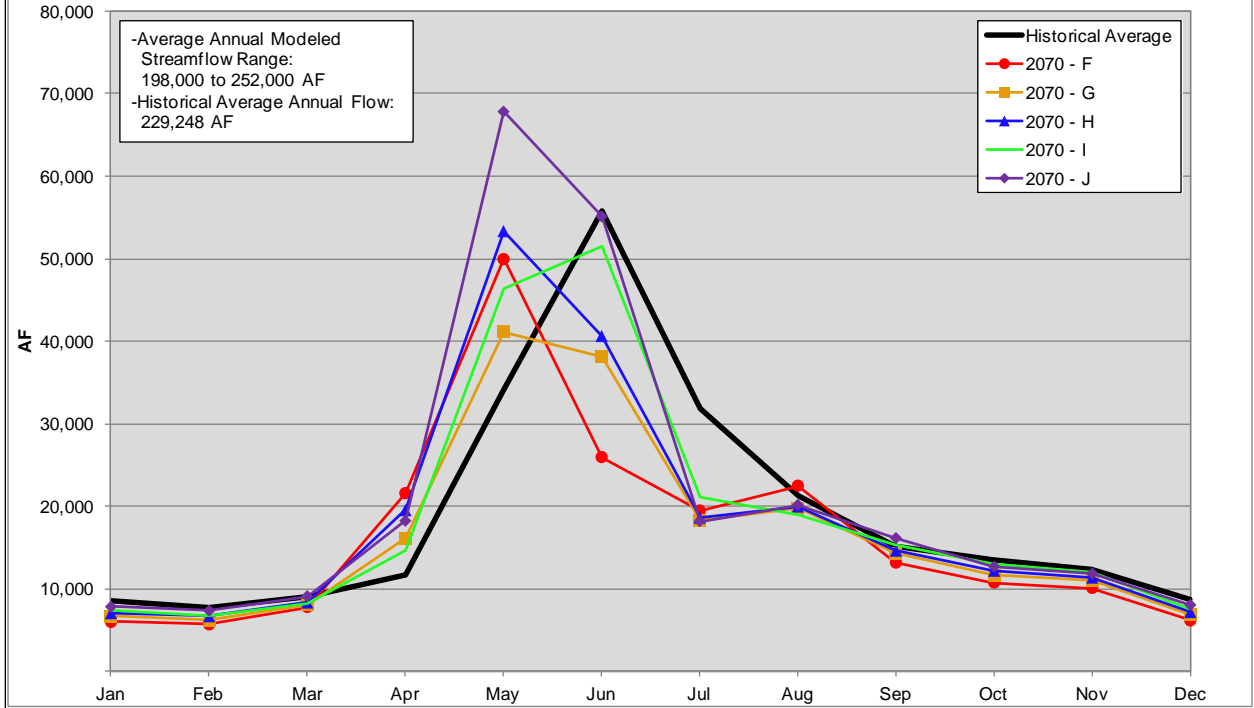
**Figure E95. Colorado River near Colorado-Utah State Line (09163500)
2070 Average Monthly Modeled Streamflow**



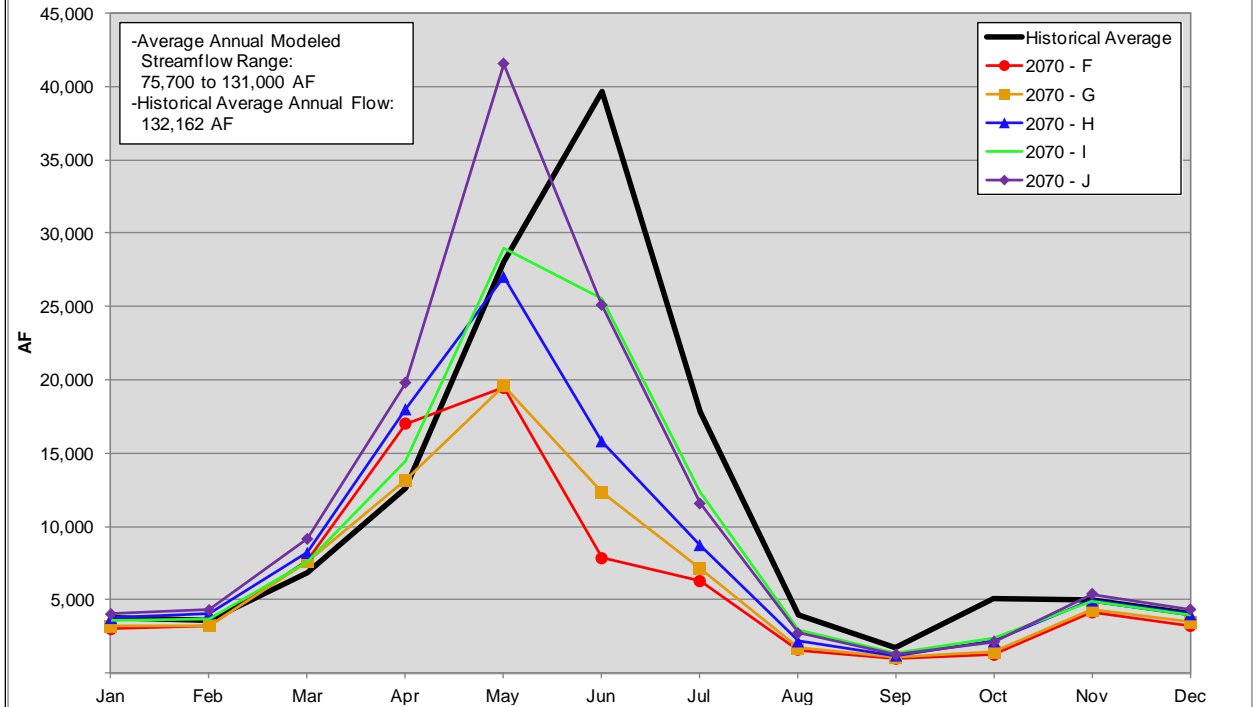
**Figure E96. East River at Almont (09112500)
2070 Average Monthly Modeled Streamflow**



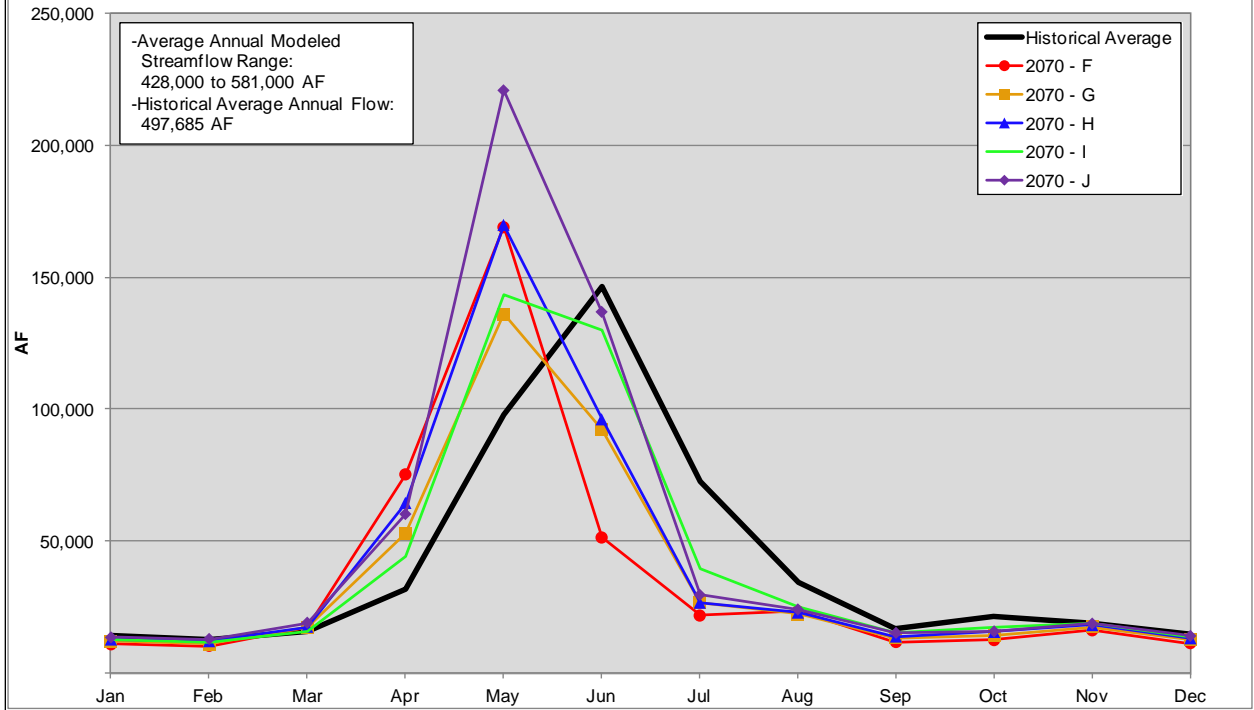
**Figure E97. Taylor River at Almont (09110000)
2070 Average Monthly Modeled Streamflow**



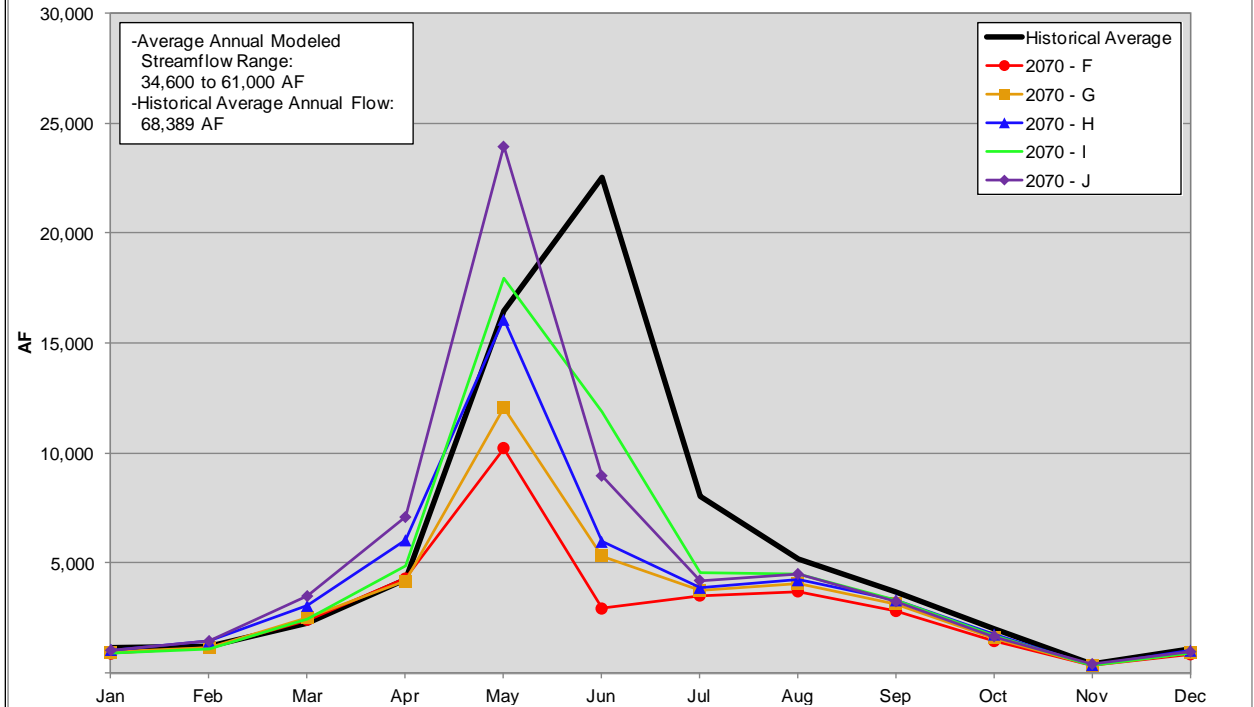
**Figure E98. Tomichi Creek at Gunnison (09119000)
2070 Average Monthly Modeled Streamflow**



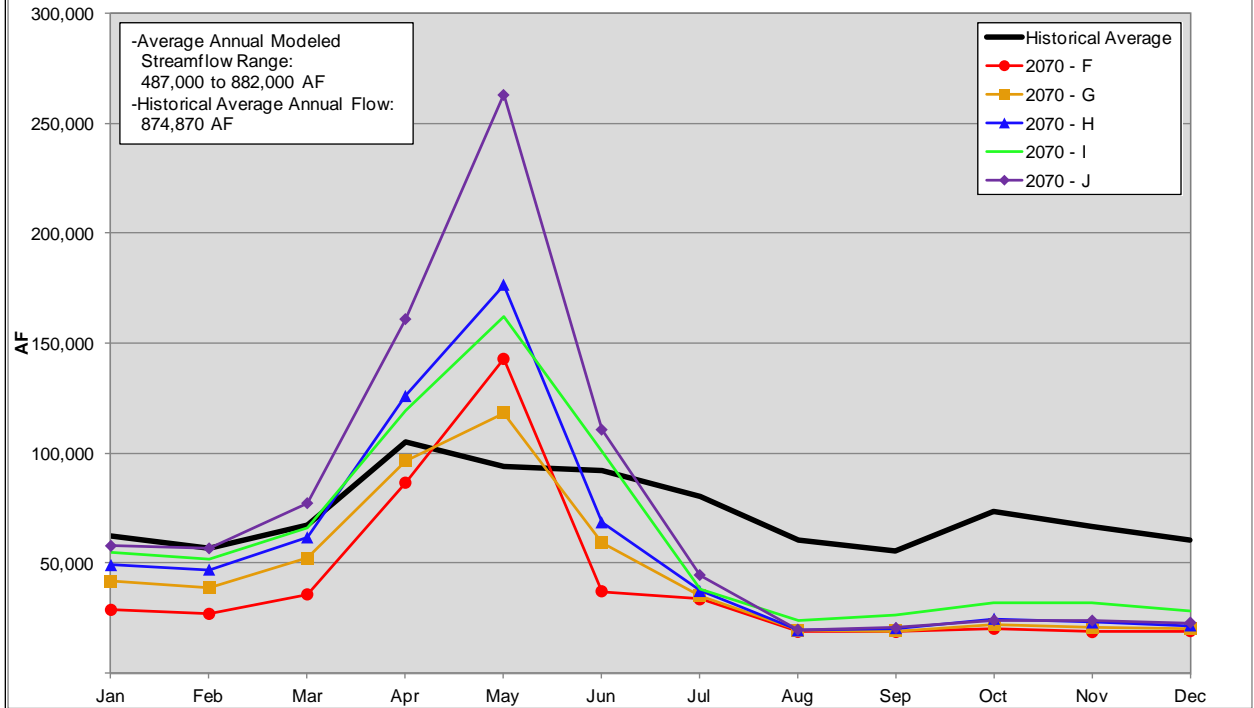
**Figure E99. Gunnison River near Gunnison (09114500)
2070 Average Monthly Modeled Streamflow**



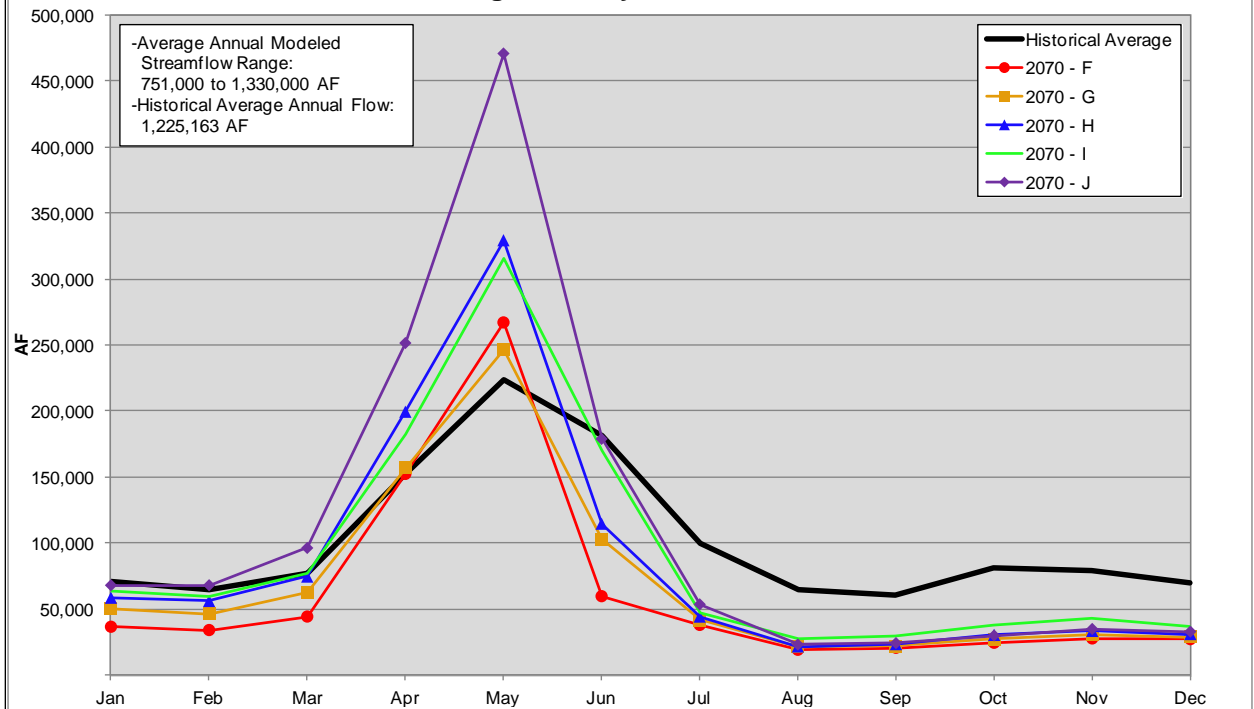
**Figure E100. Cimarron River at Cimarron (09126500)
2070 Average Monthly Modeled Streamflow**



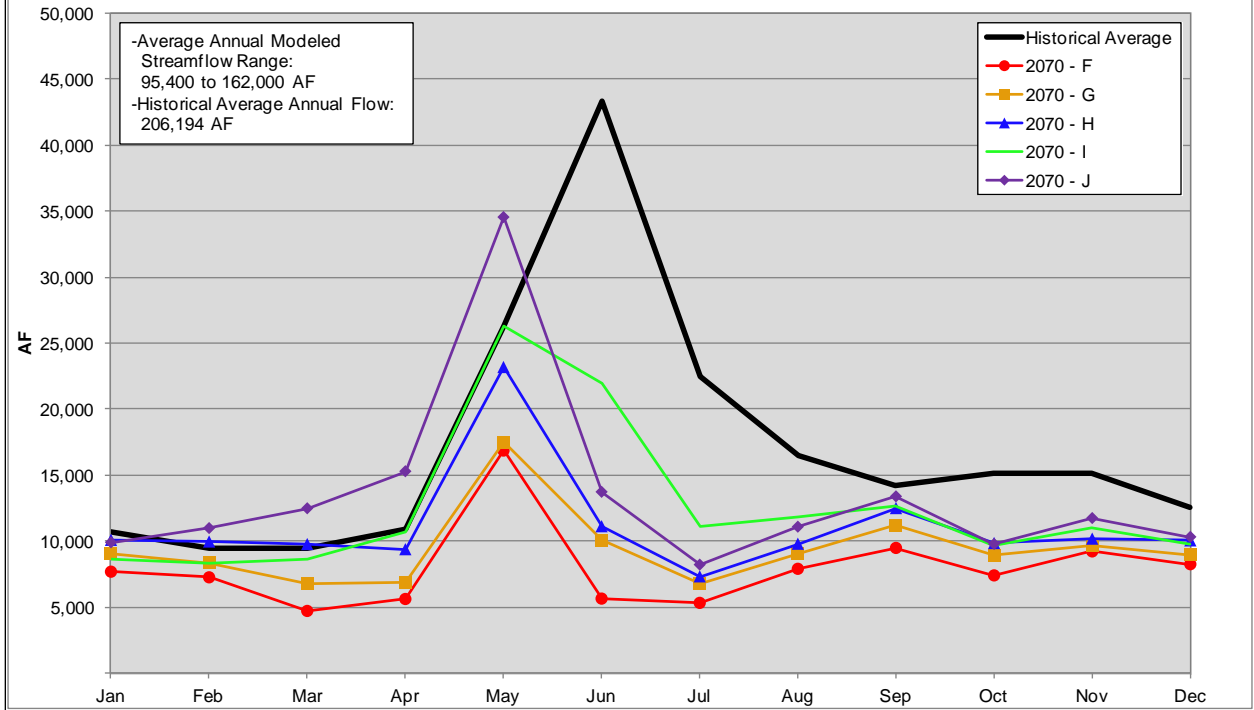
**Figure E101. Gunnison River below Gunnison Tunnel (09128000)
2070 Average Monthly Modeled Streamflow**



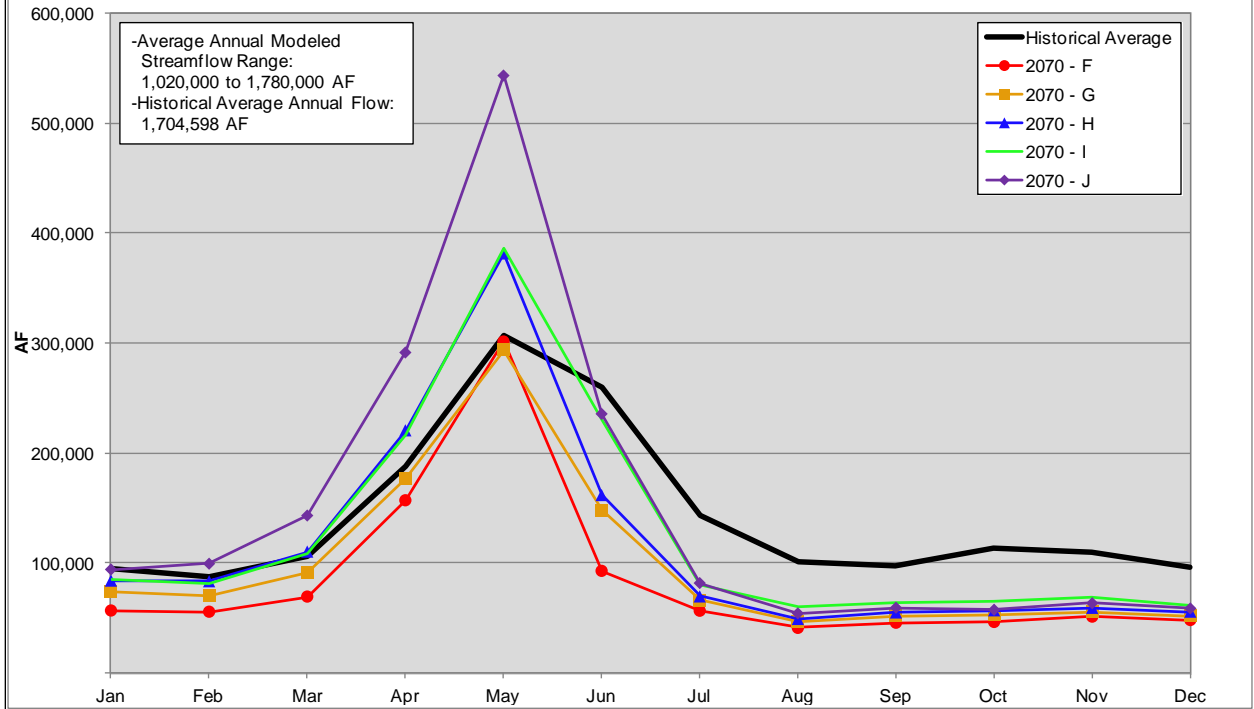
**Figure E102. Gunnison River near Lazear (09136200)
2070 Average Monthly Modeled Streamflow**



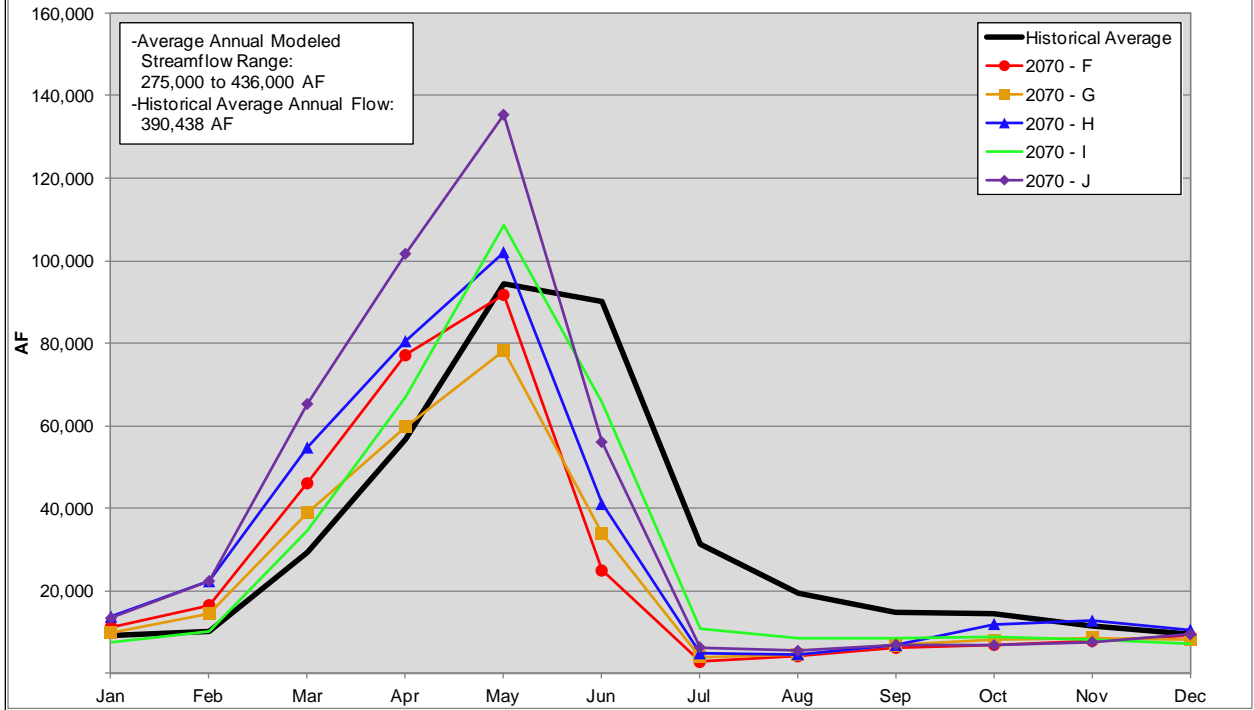
**Figure E103. Uncompahgre River at Delta (09149500)
2070 Average Monthly Modeled Streamflow**



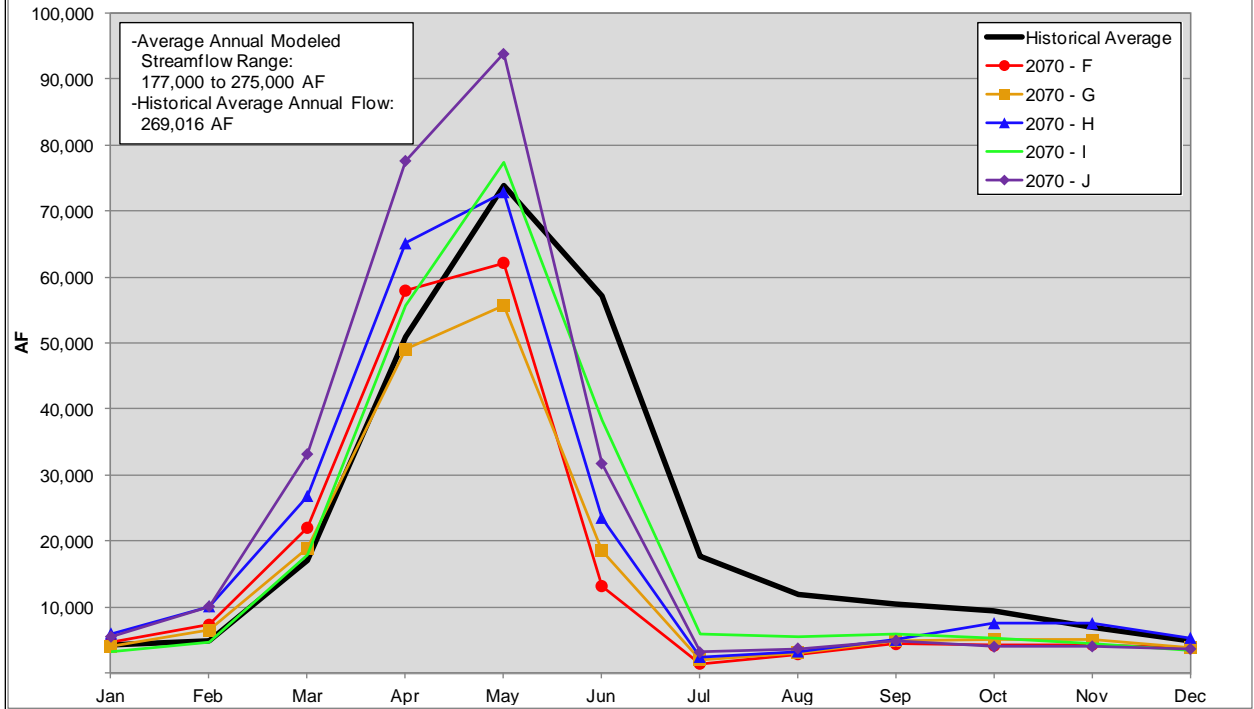
**Figure E104. Gunnison River near Grand Junction (09152500)
2070 Average Monthly Modeled Streamflow**



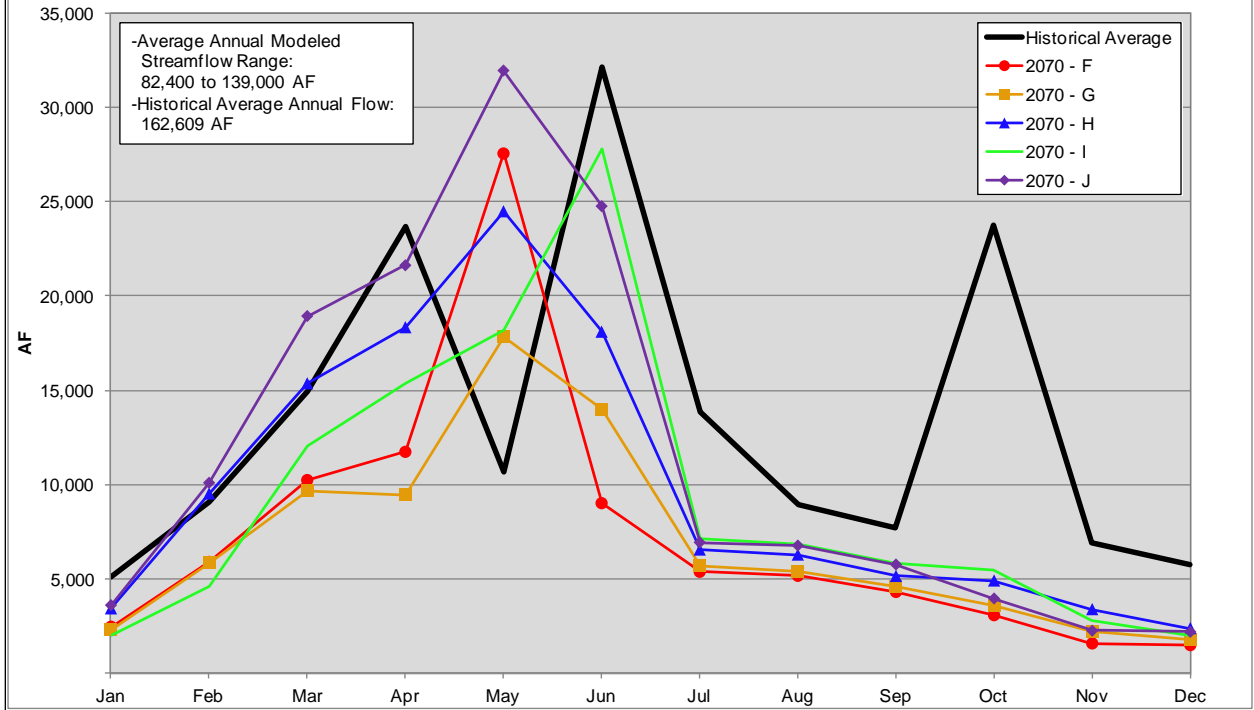
**Figure E105. San Juan River near Carracas (09346400)
2070 Average Monthly Modeled Streamflow**



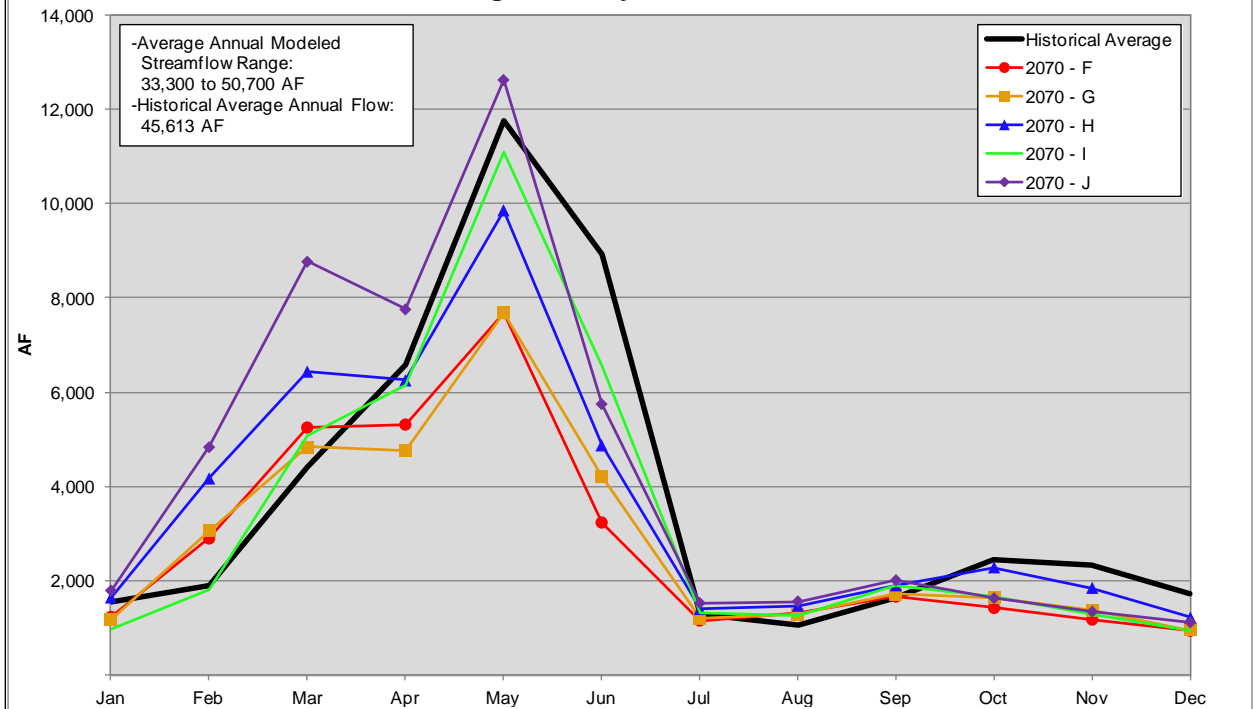
**Figure E106. Piedra River near Arboles (09349800)
2070 Average Monthly Modeled Streamflow**



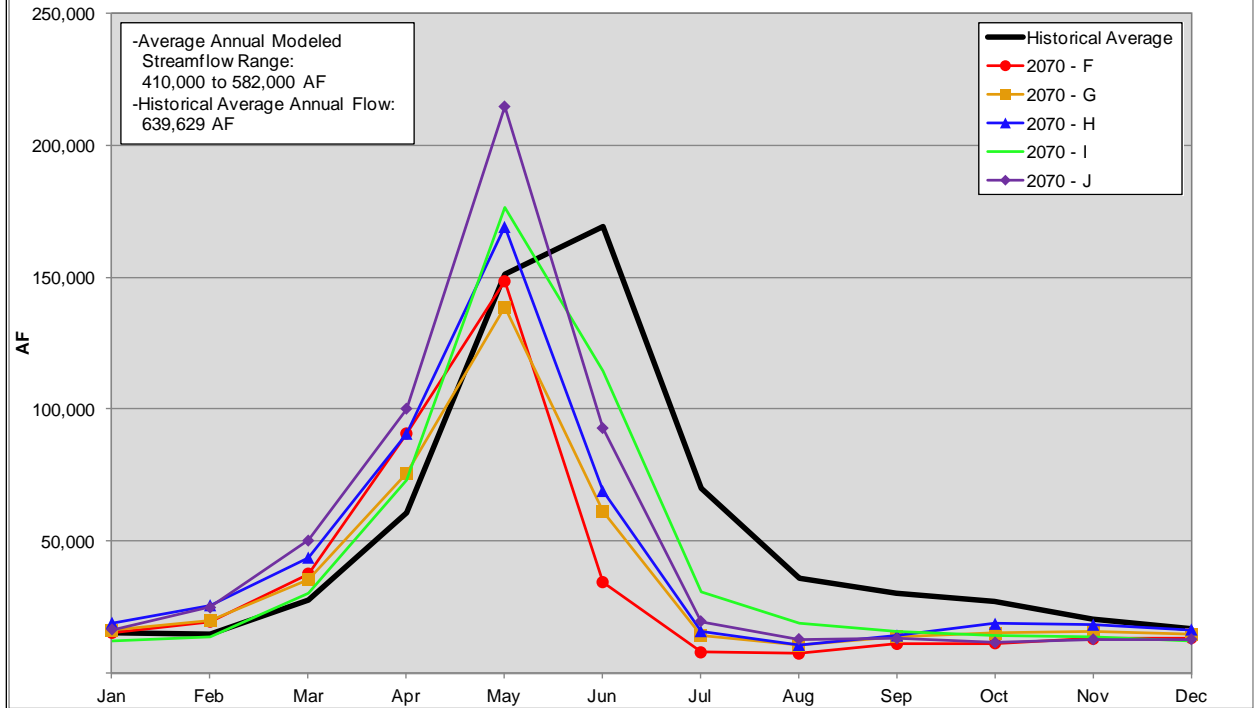
**Figure E107. Los Pinos River at La Boca (09354500)
2070 Average Monthly Modeled Streamflow**



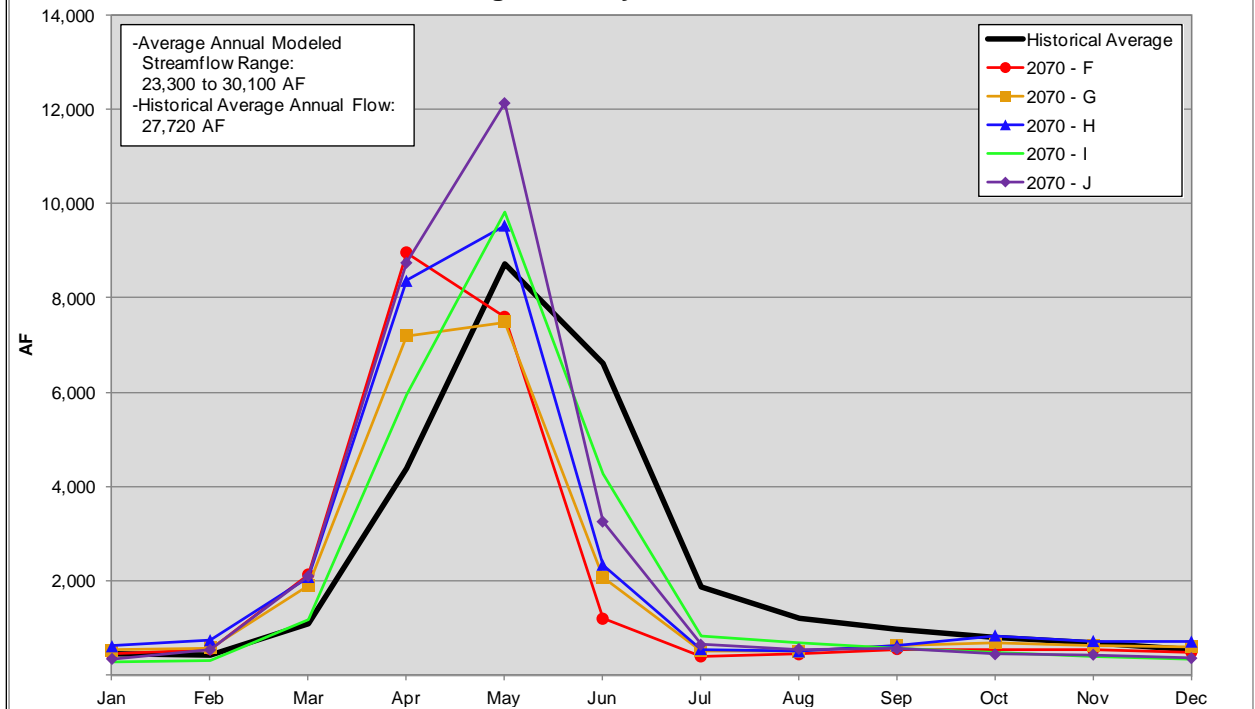
**Figure E108. Florida River at Bondad (09363200)
2070 Average Monthly Modeled Streamflow**

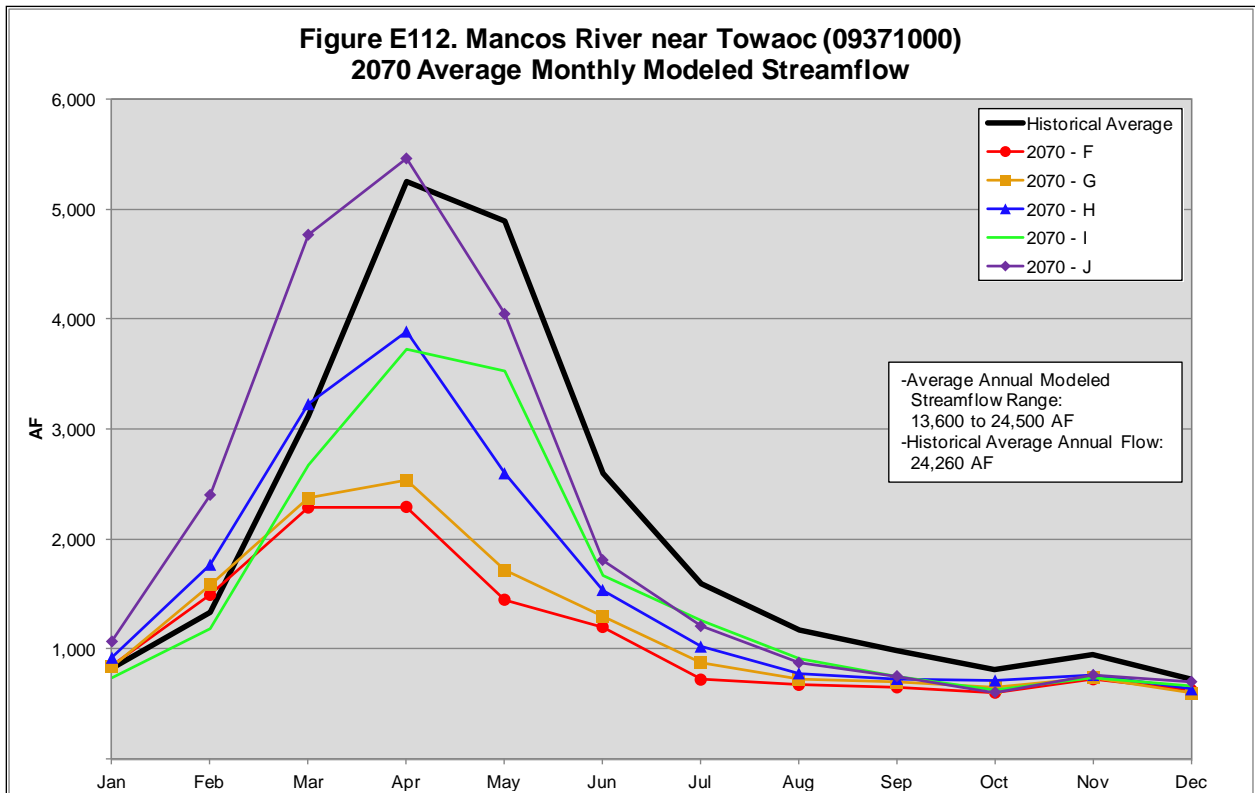
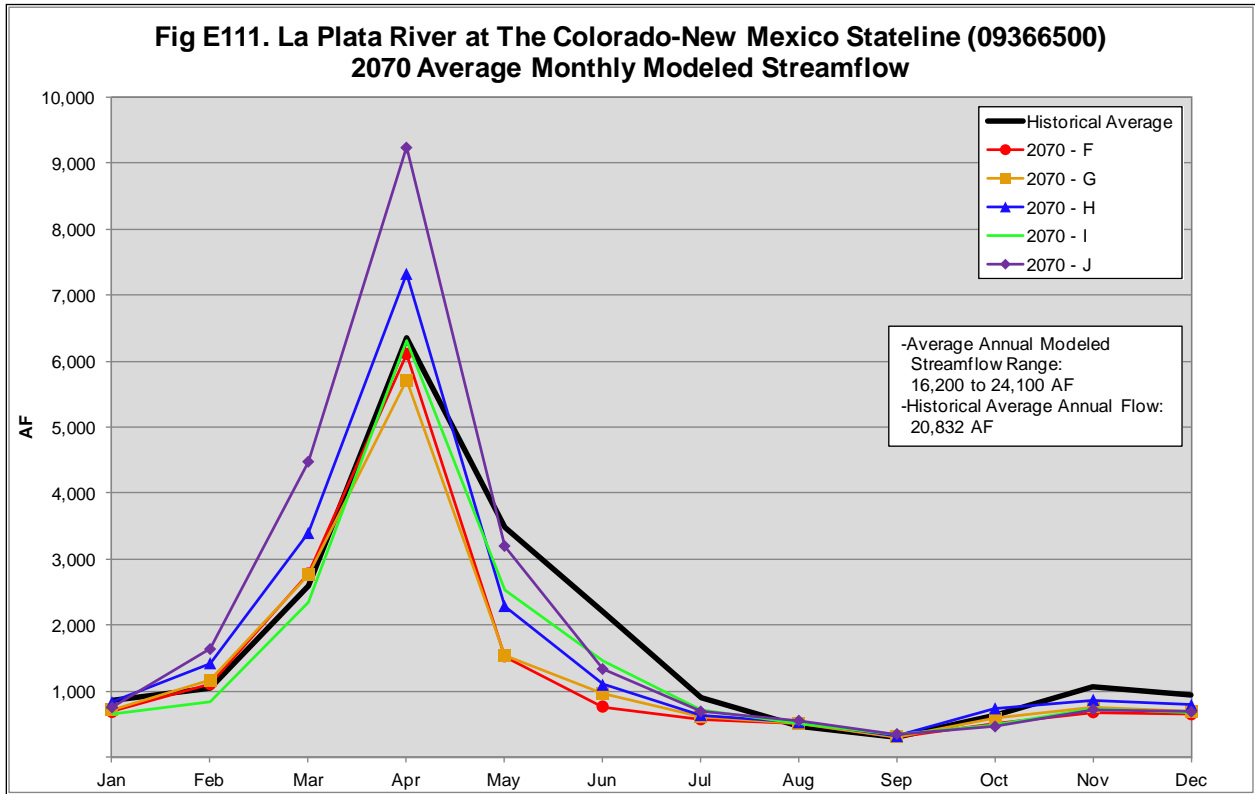


**Figure E109. Animas River near Cedar Hill, NM (09363500)
2070 Average Monthly Modeled Streamflow**

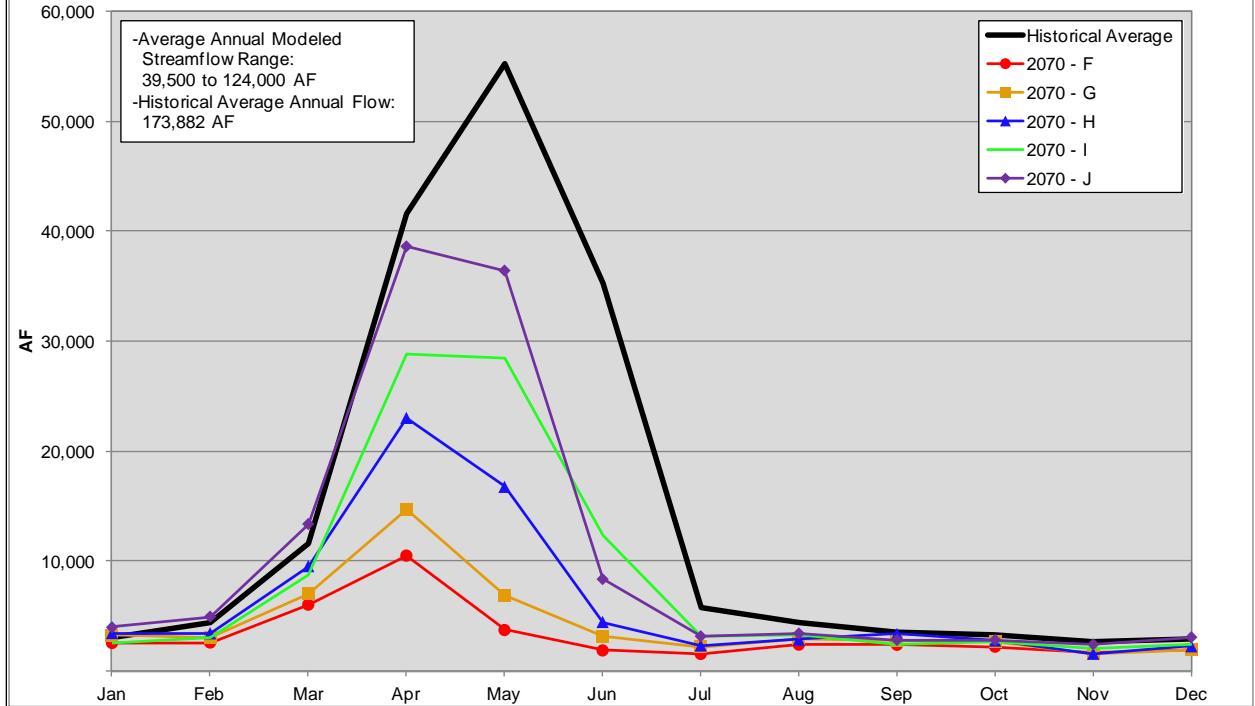


**Figure E110. La Plata River at Hesperus (09365500)
2070 Average Monthly Modeled Streamflow**

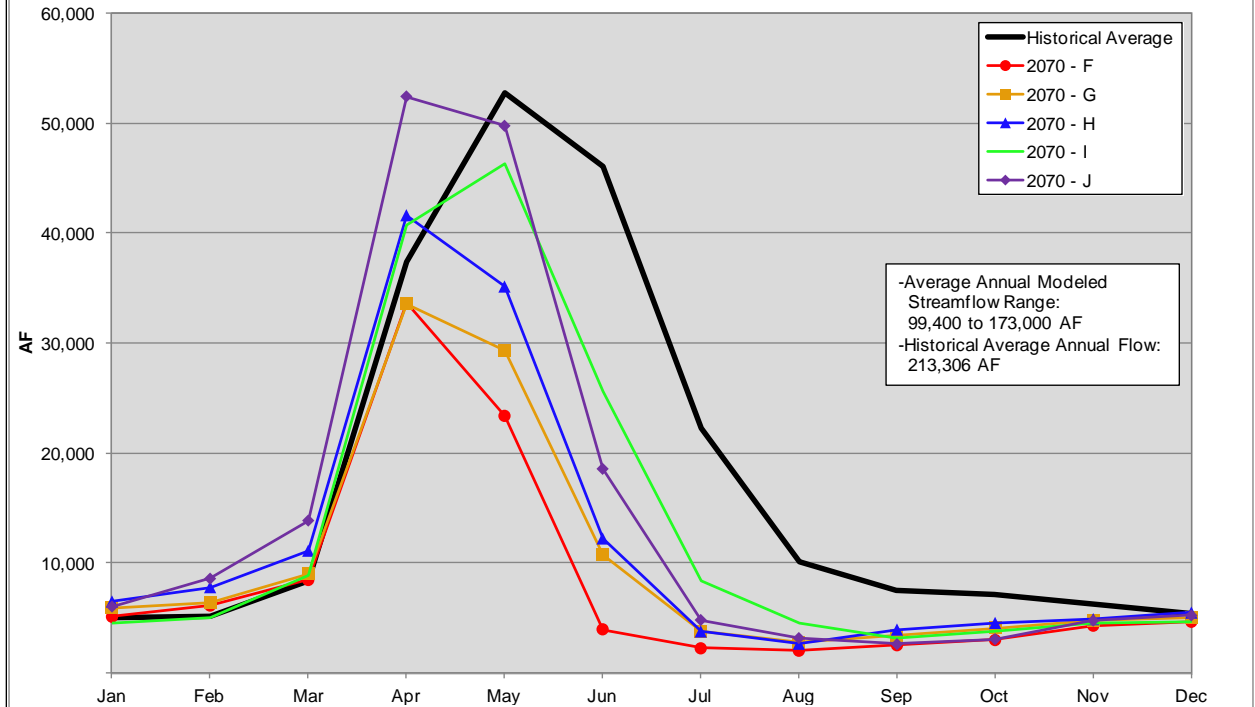




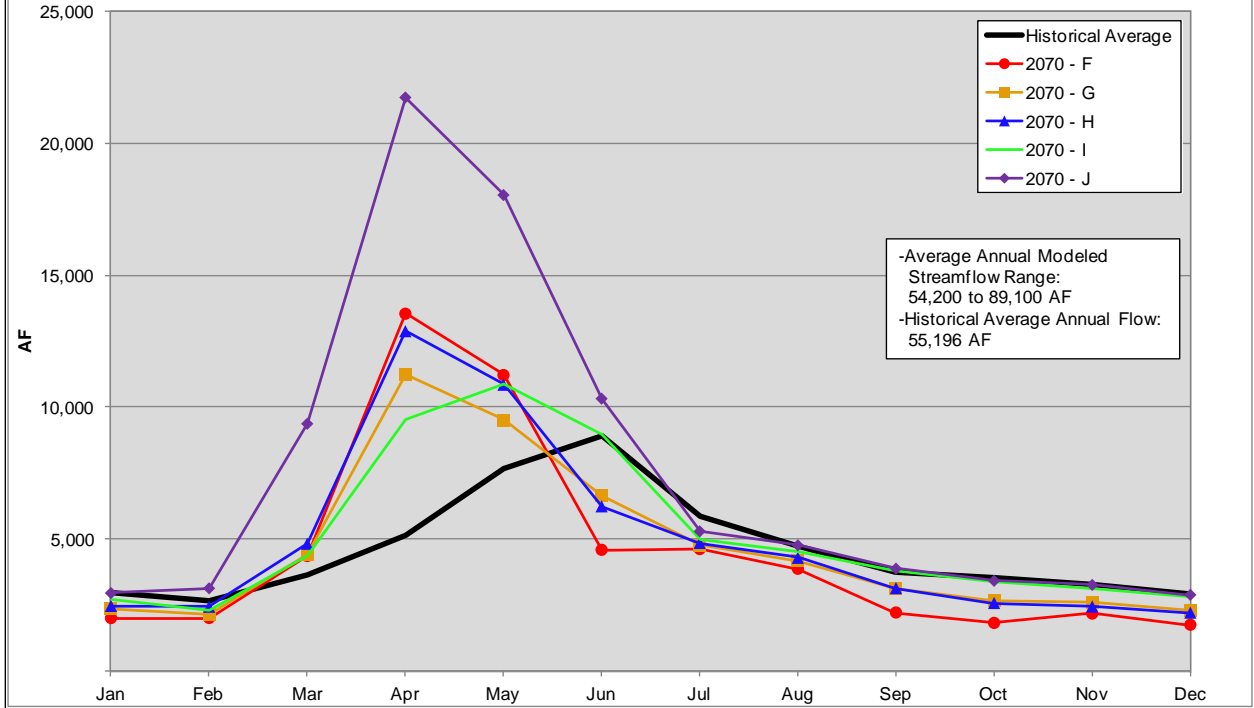
**Figure E113. Dolores River near Bedrock (09171100)
2070 Average Monthly Modeled Streamflow**



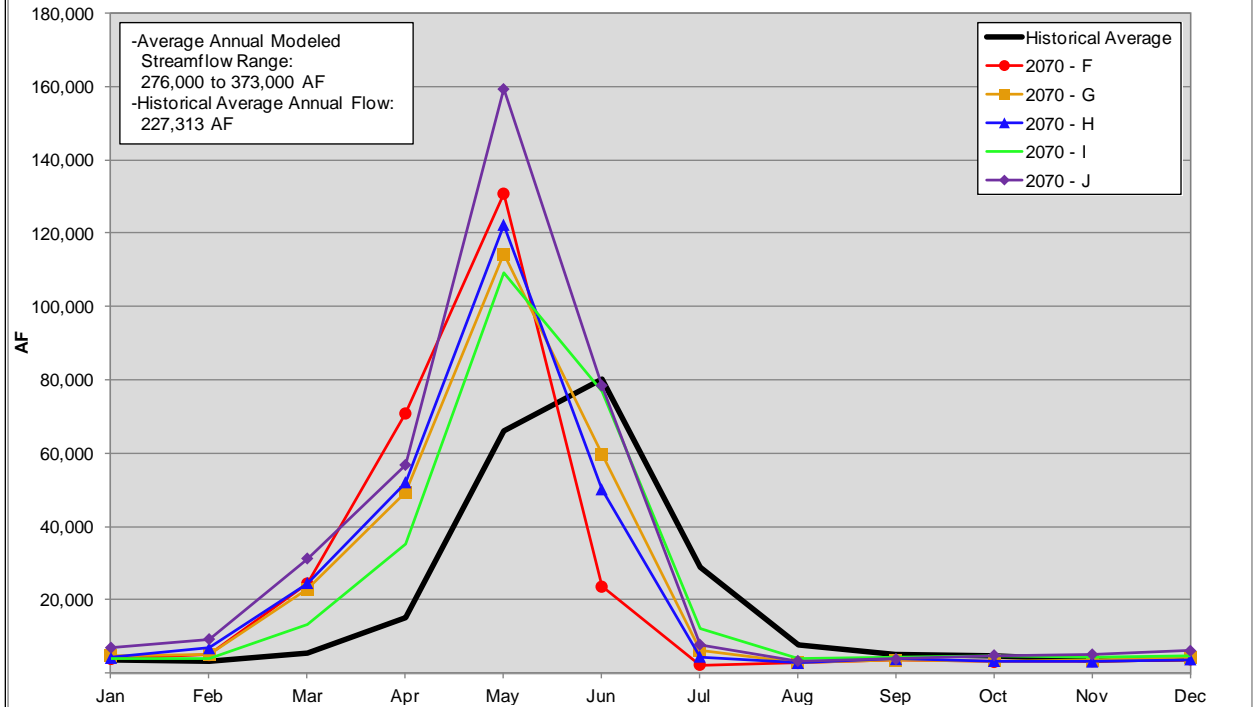
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2070 Average Monthly Modeled Streamflow**



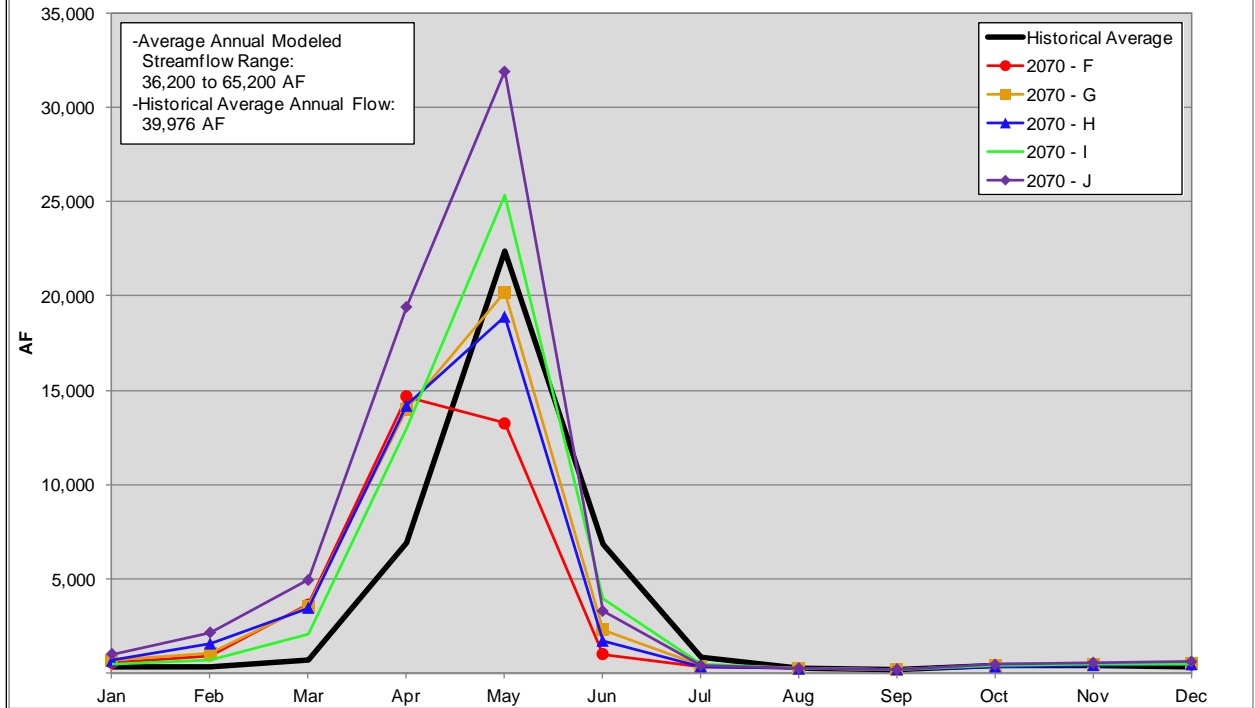
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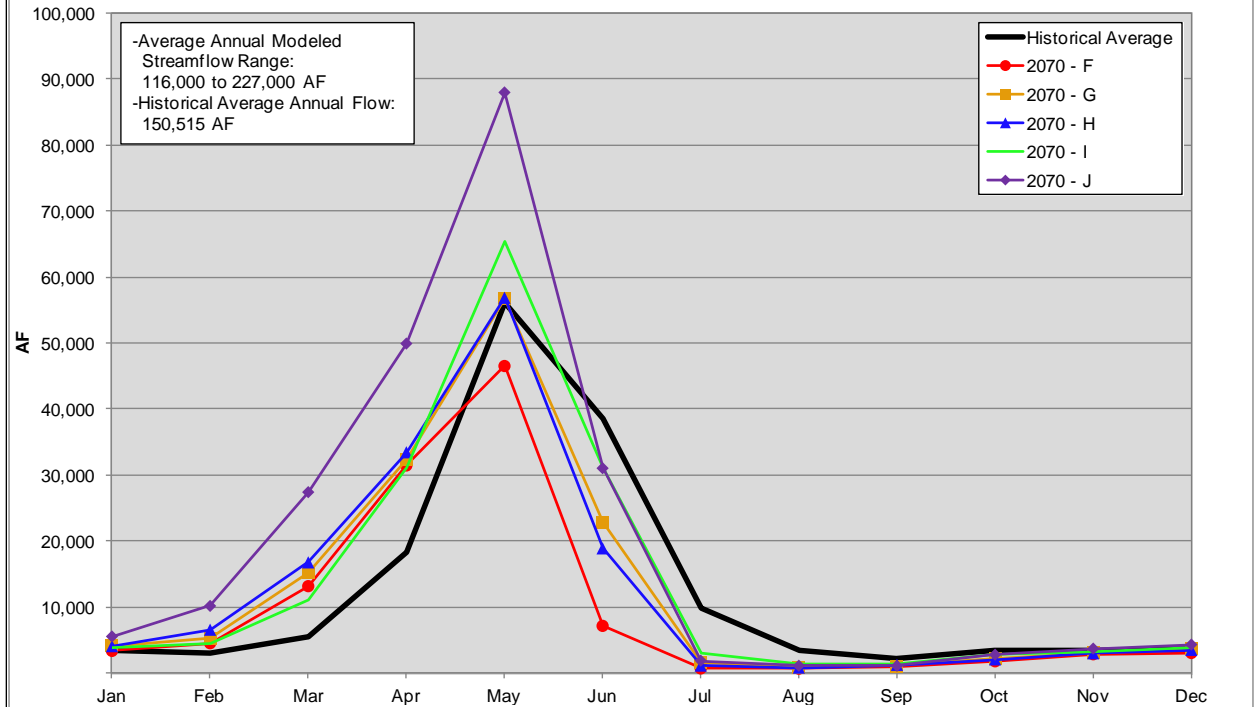
**Figure E116. Elk River at Clark (09241000)
2070 Average Monthly Modeled Streamflow**



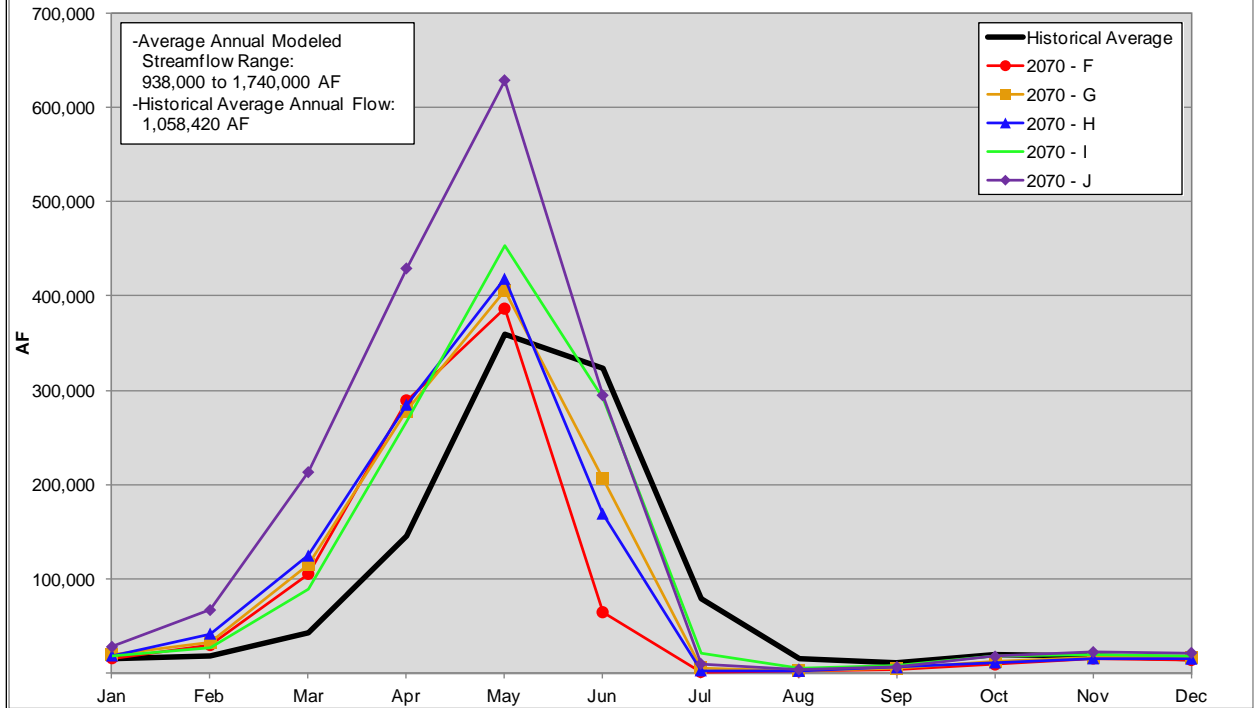
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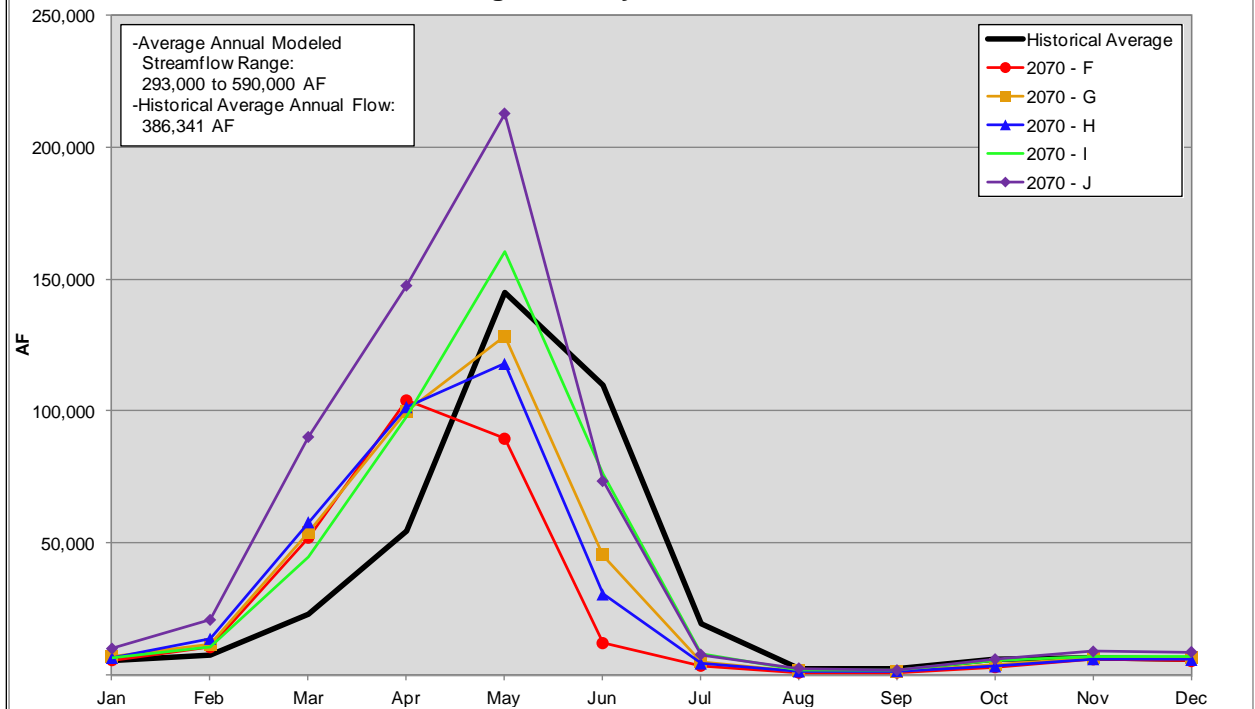
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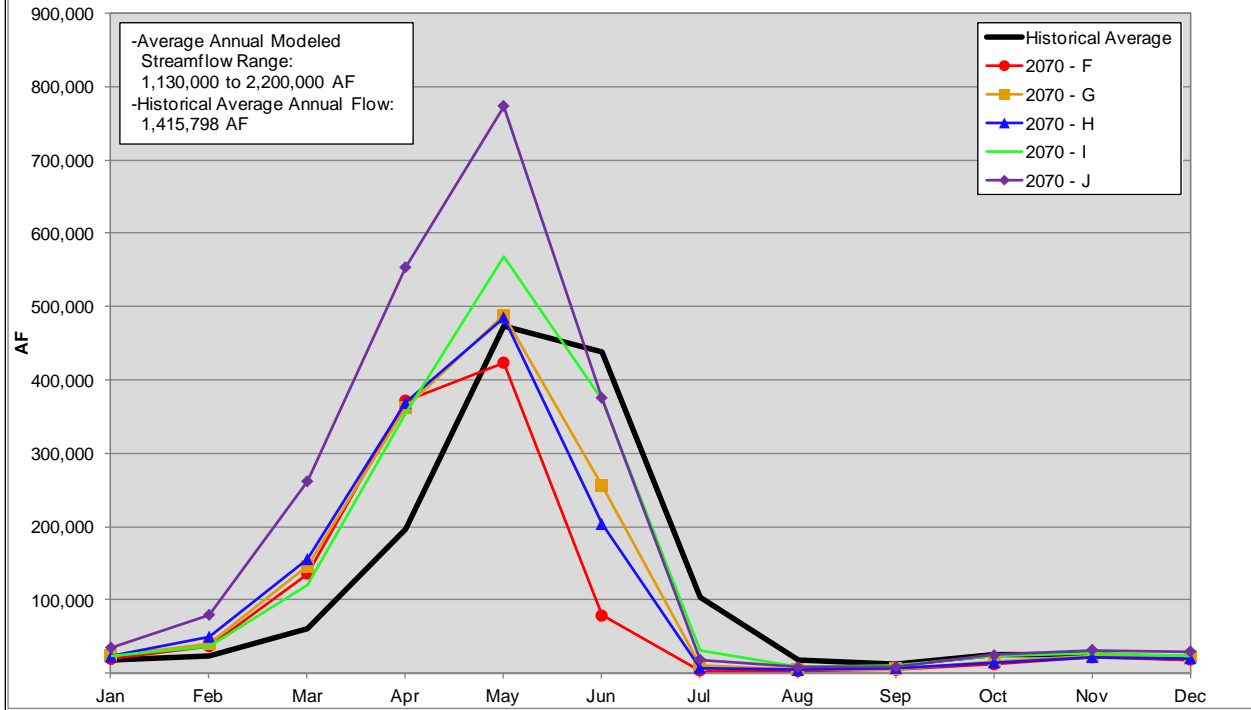
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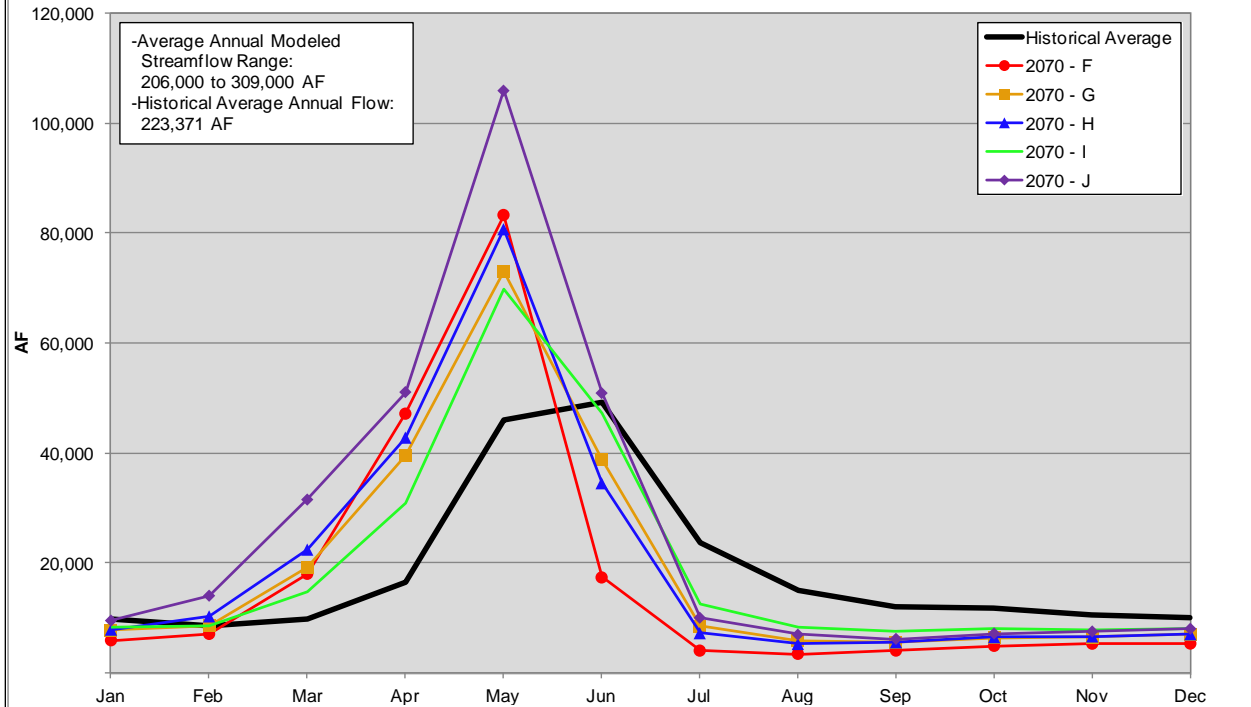
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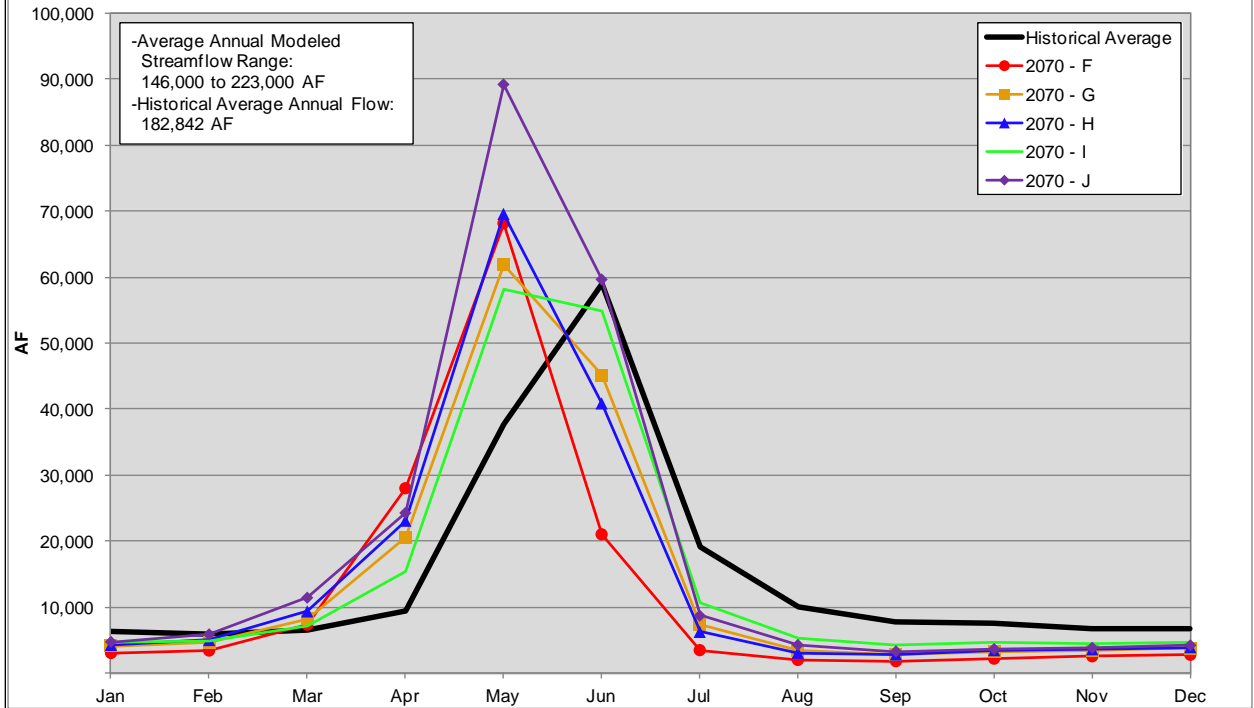
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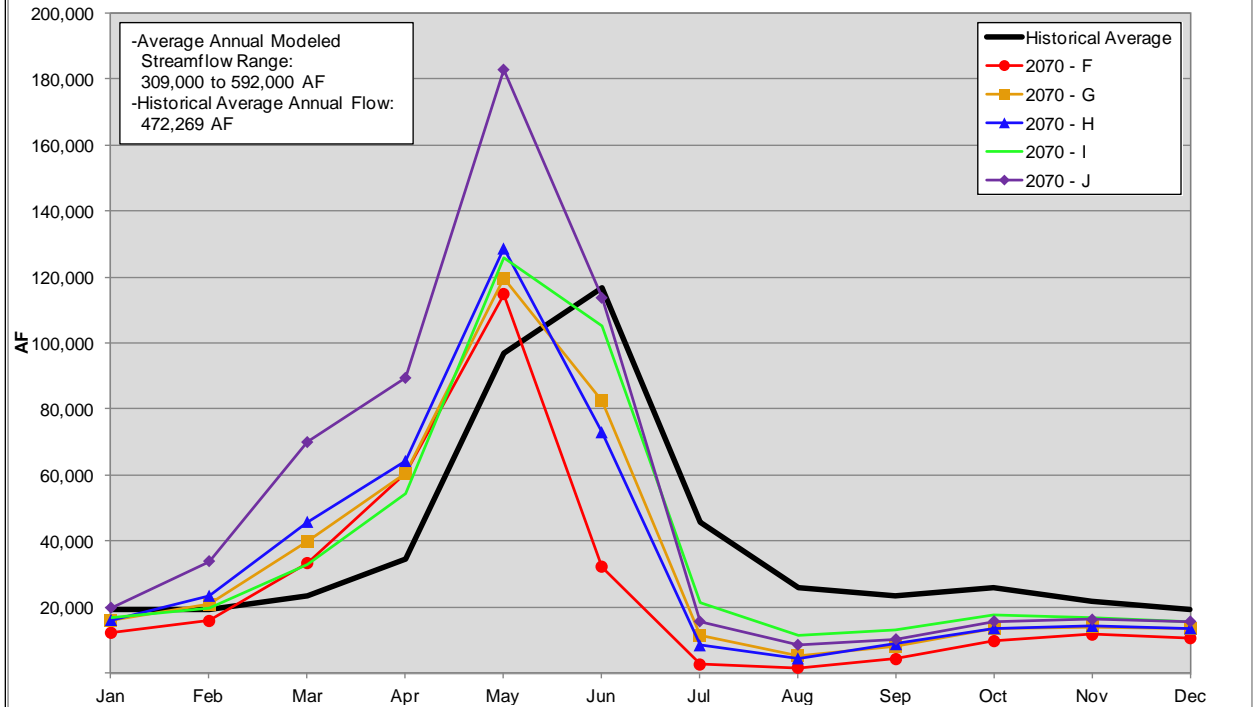
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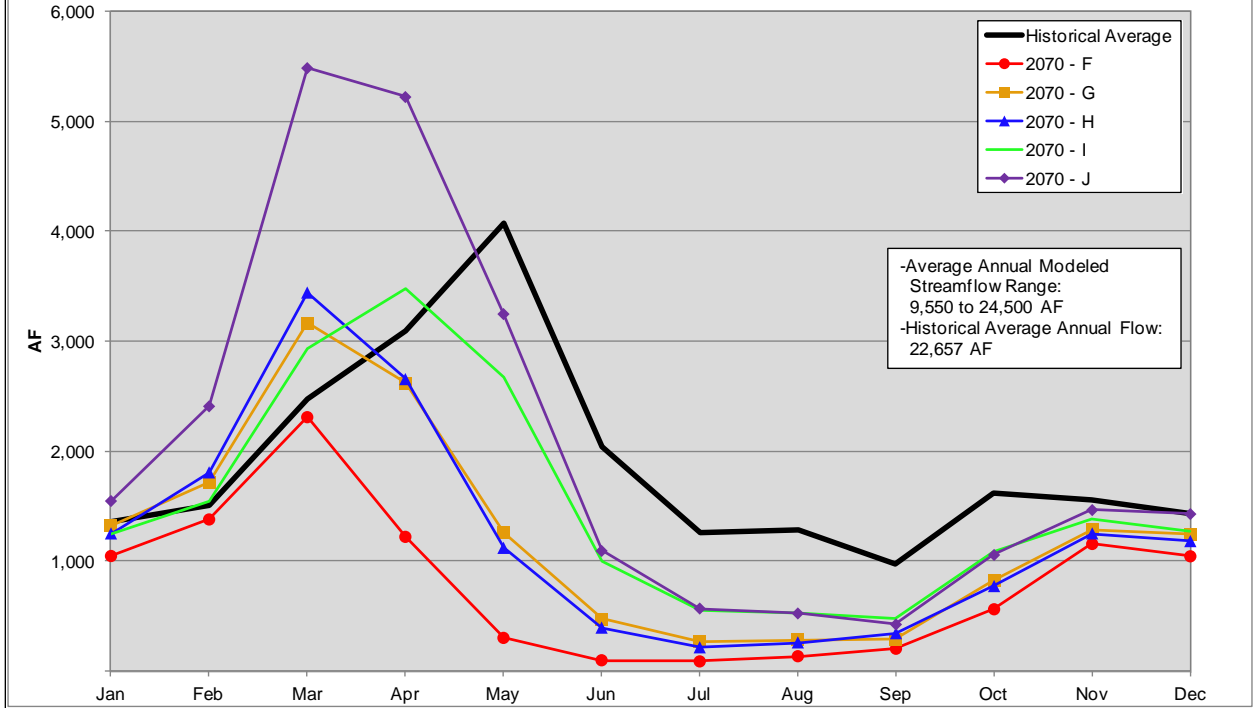
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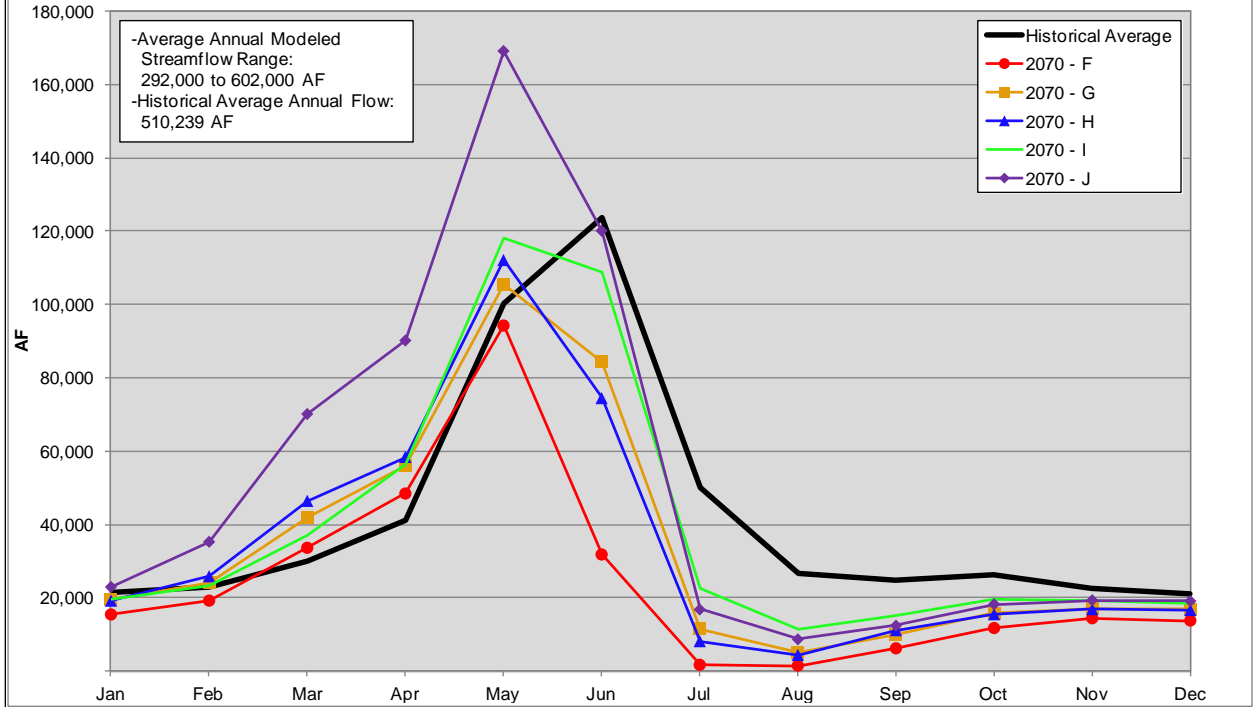
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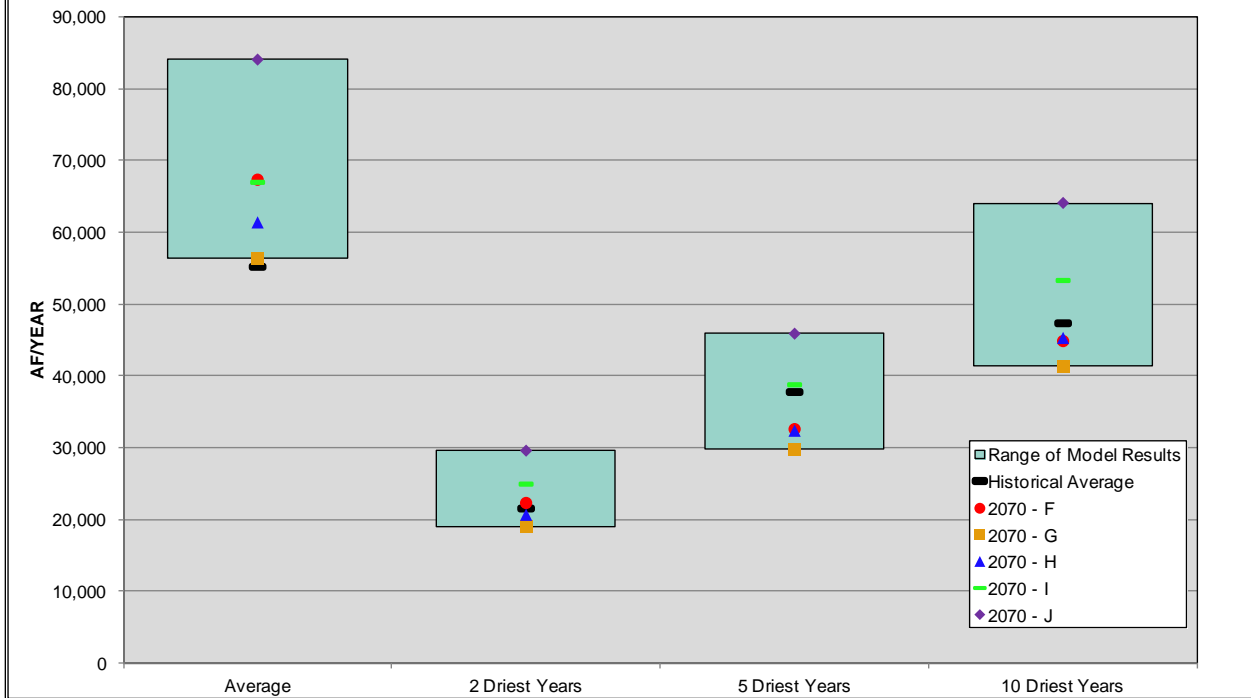
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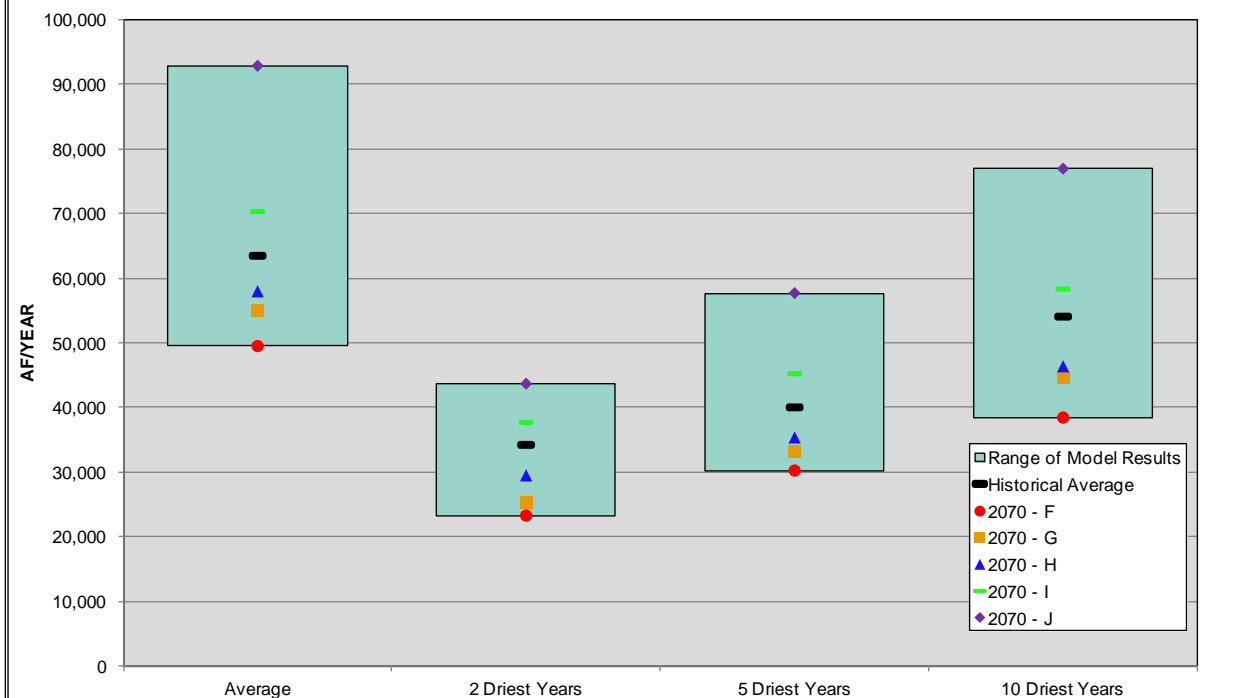
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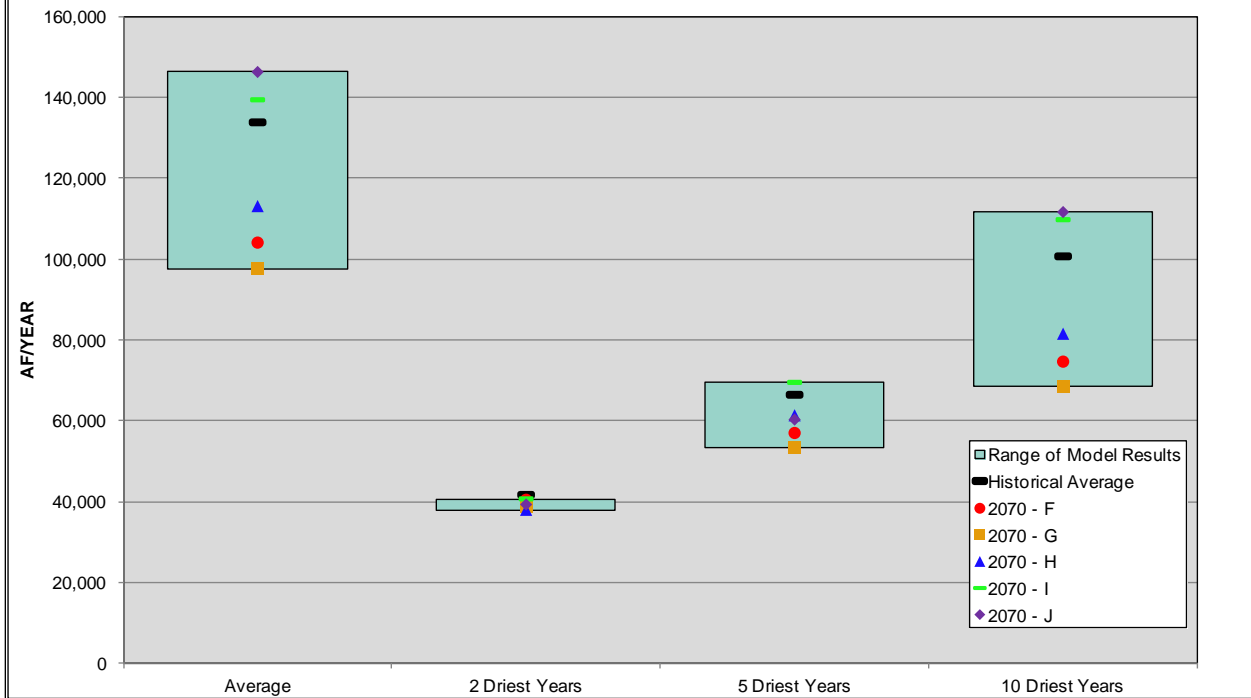
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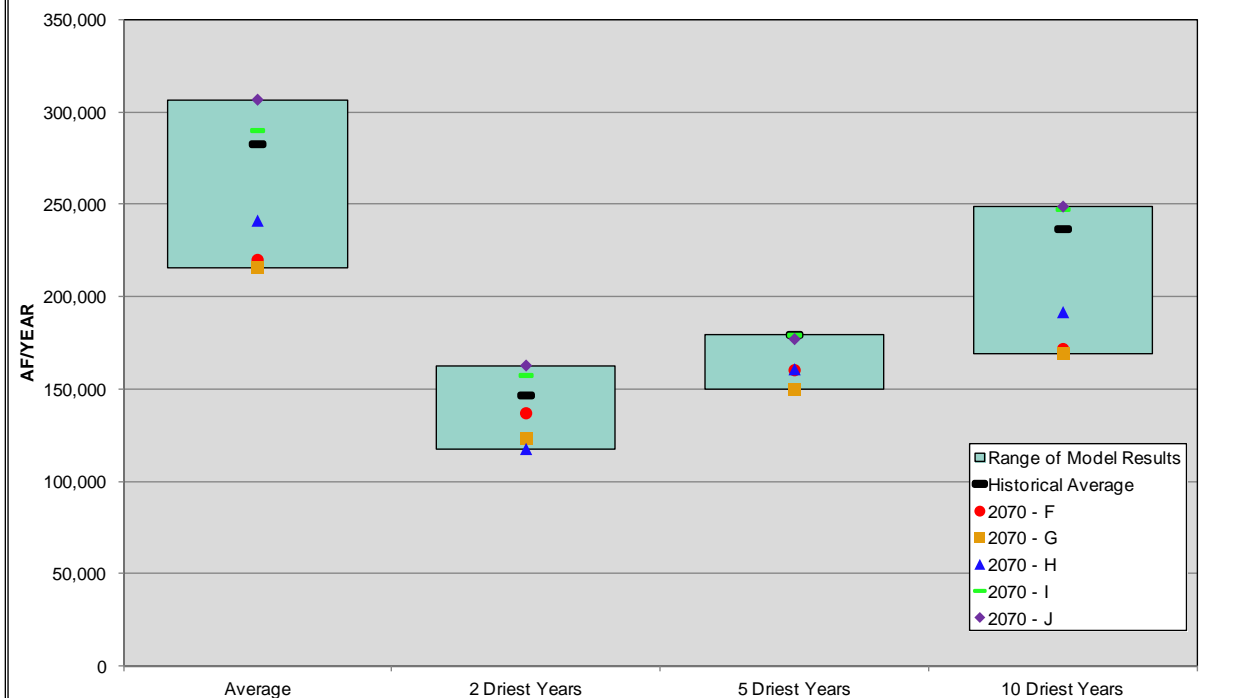
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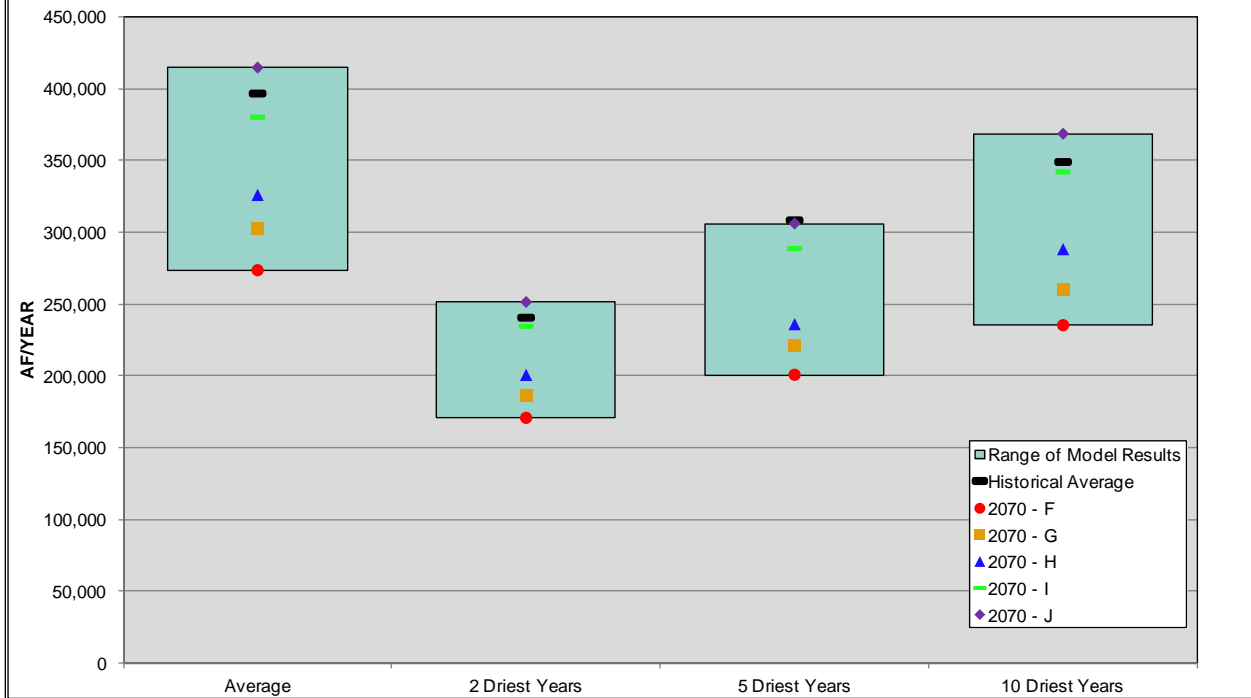
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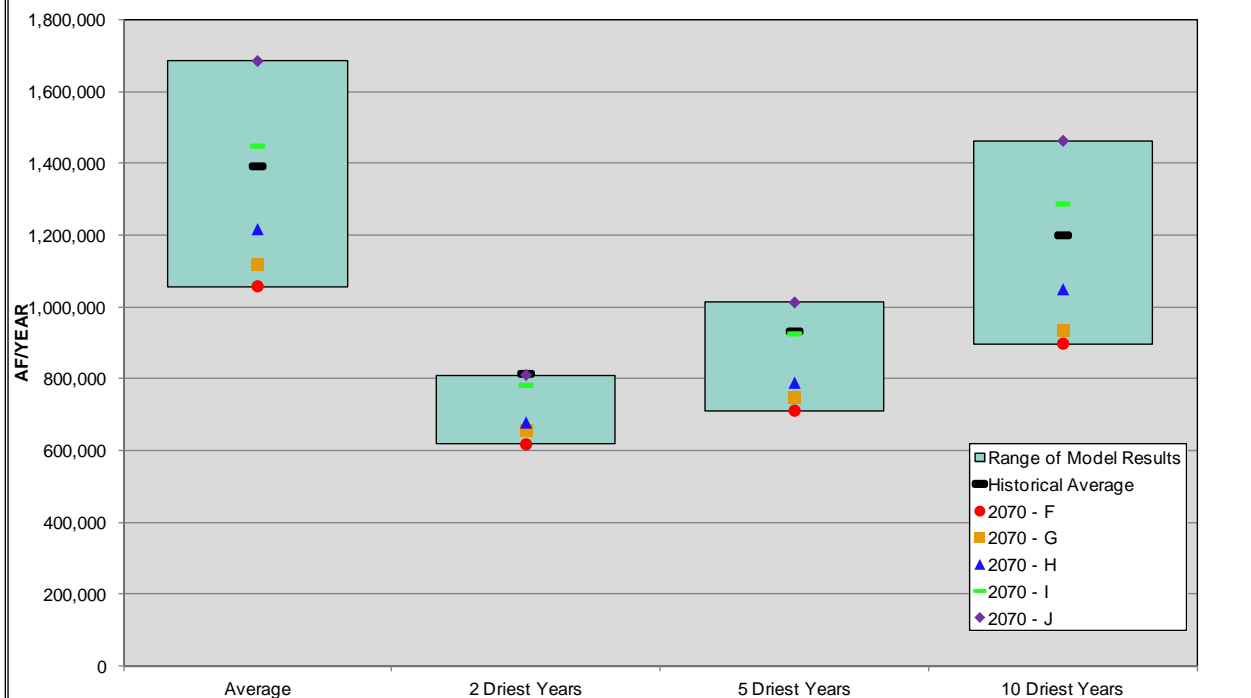
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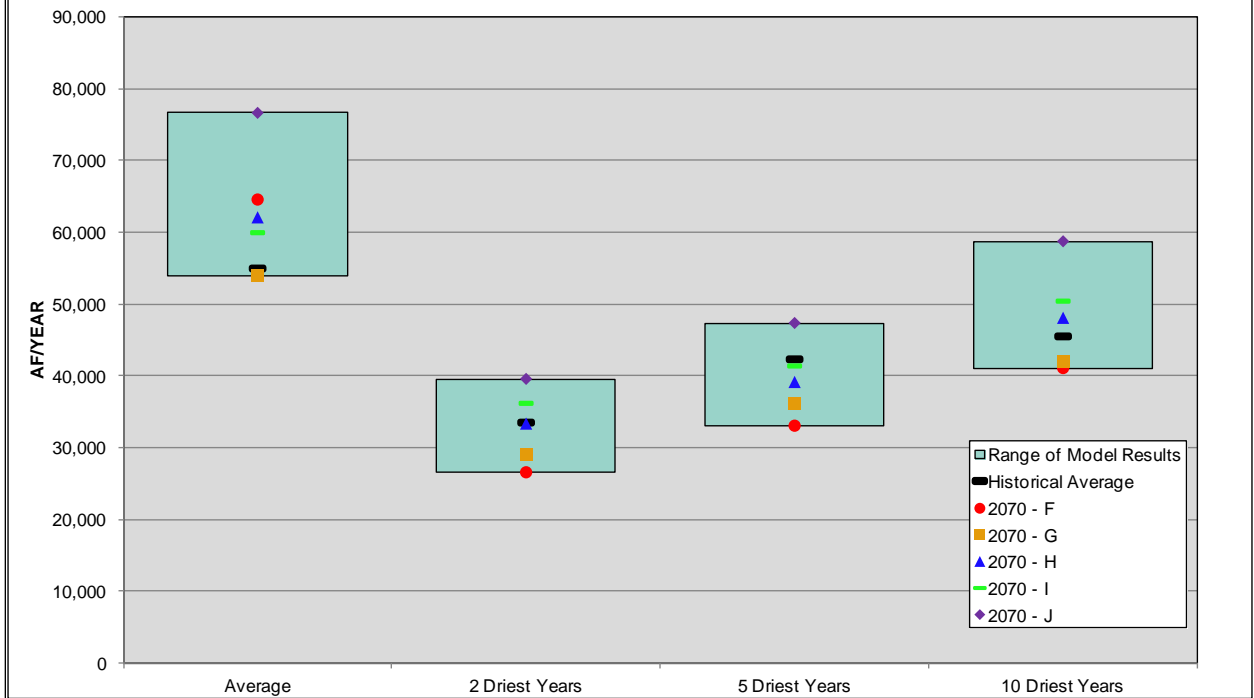
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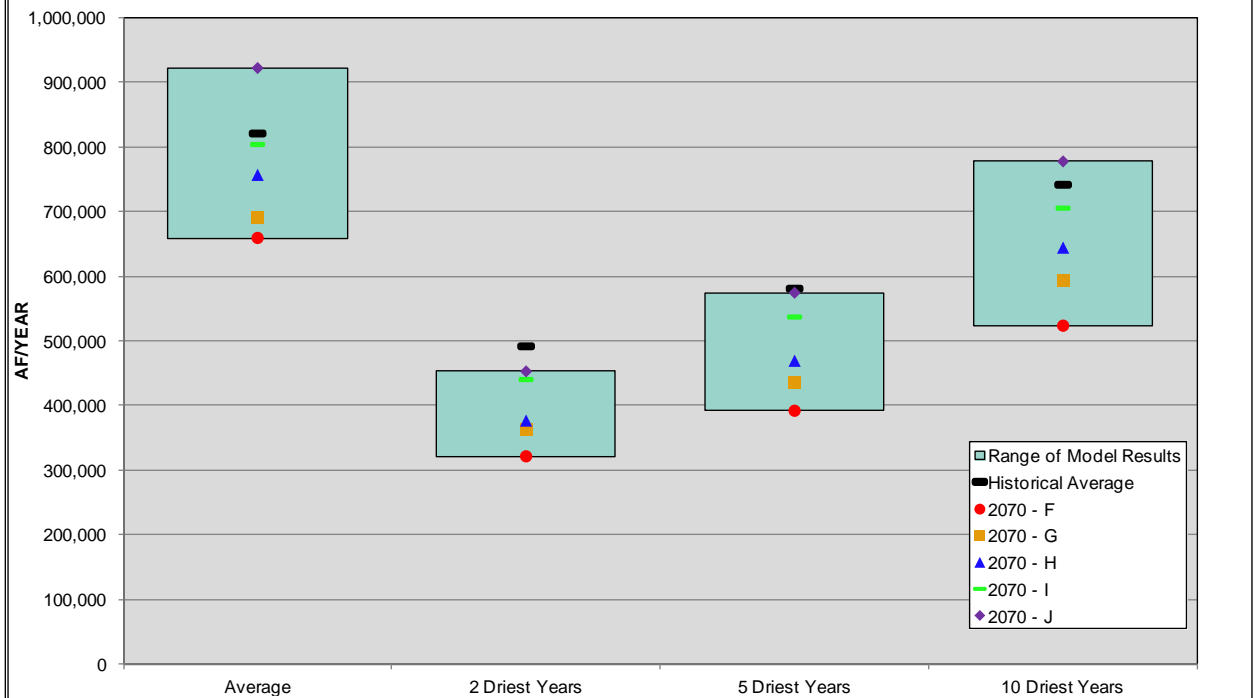
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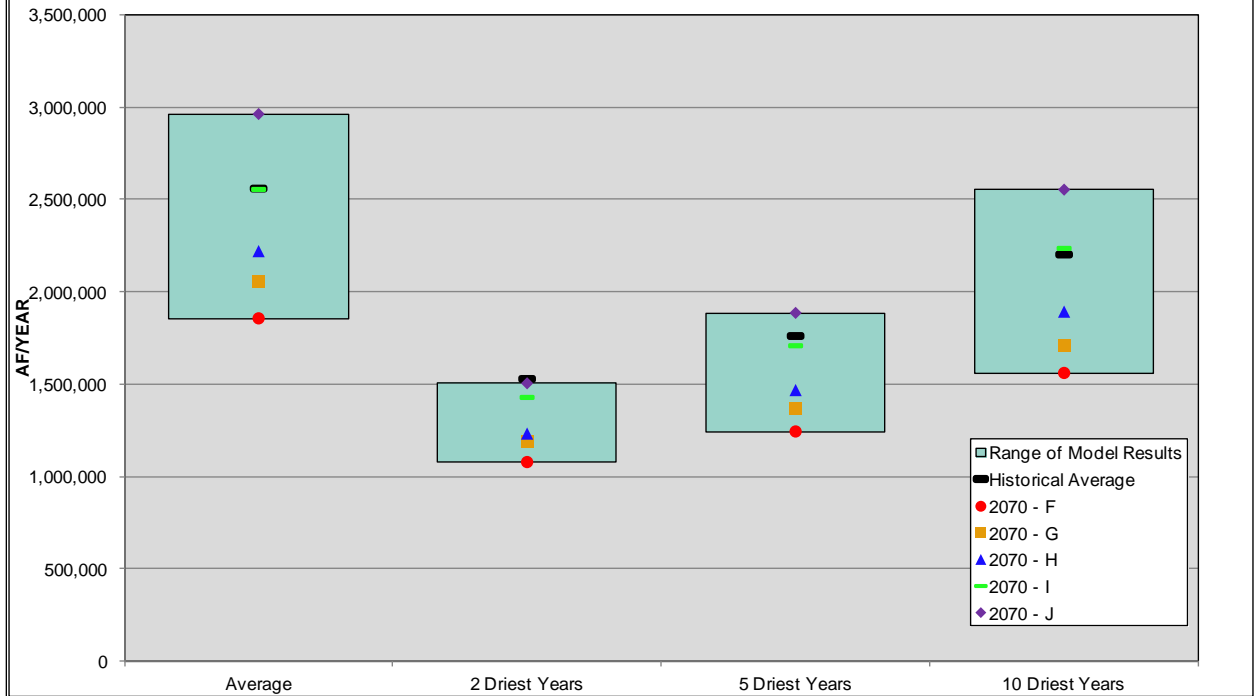
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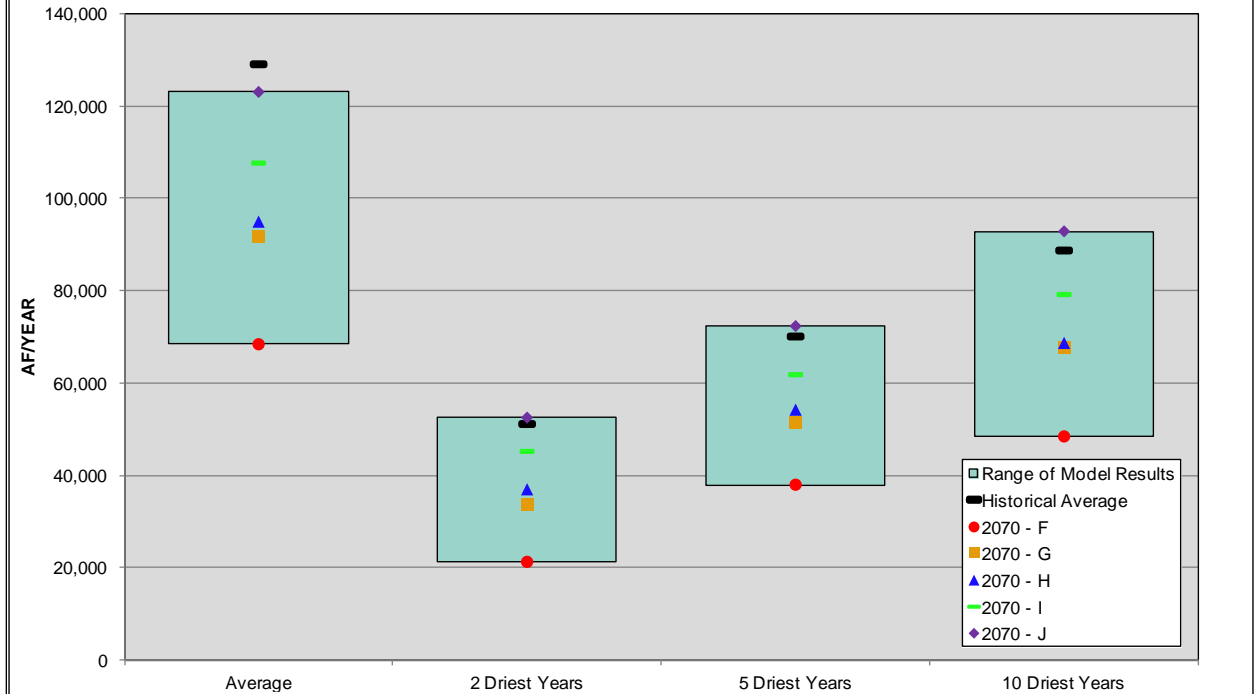
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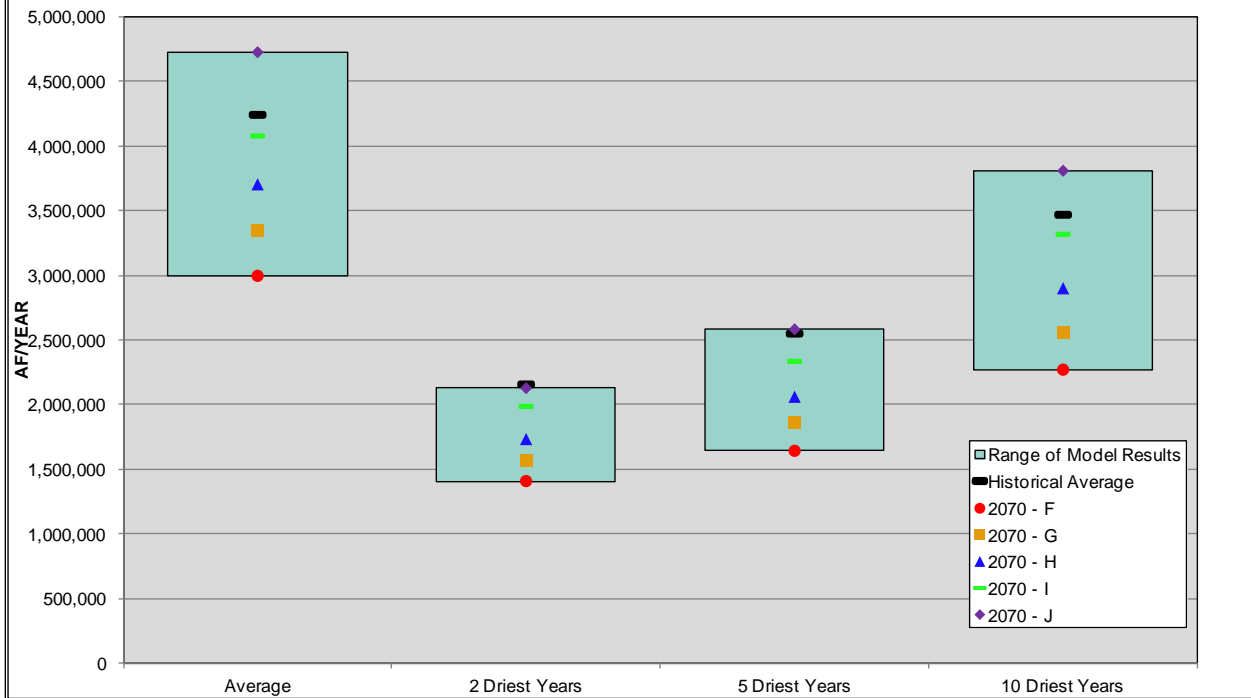
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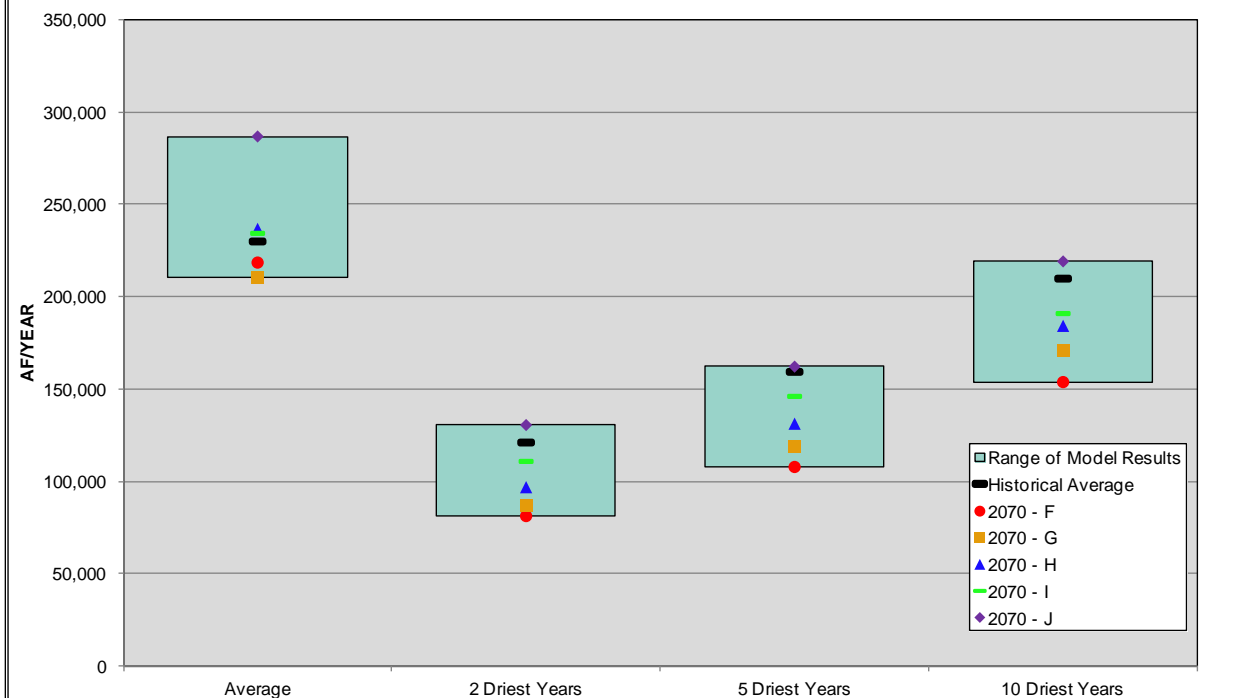
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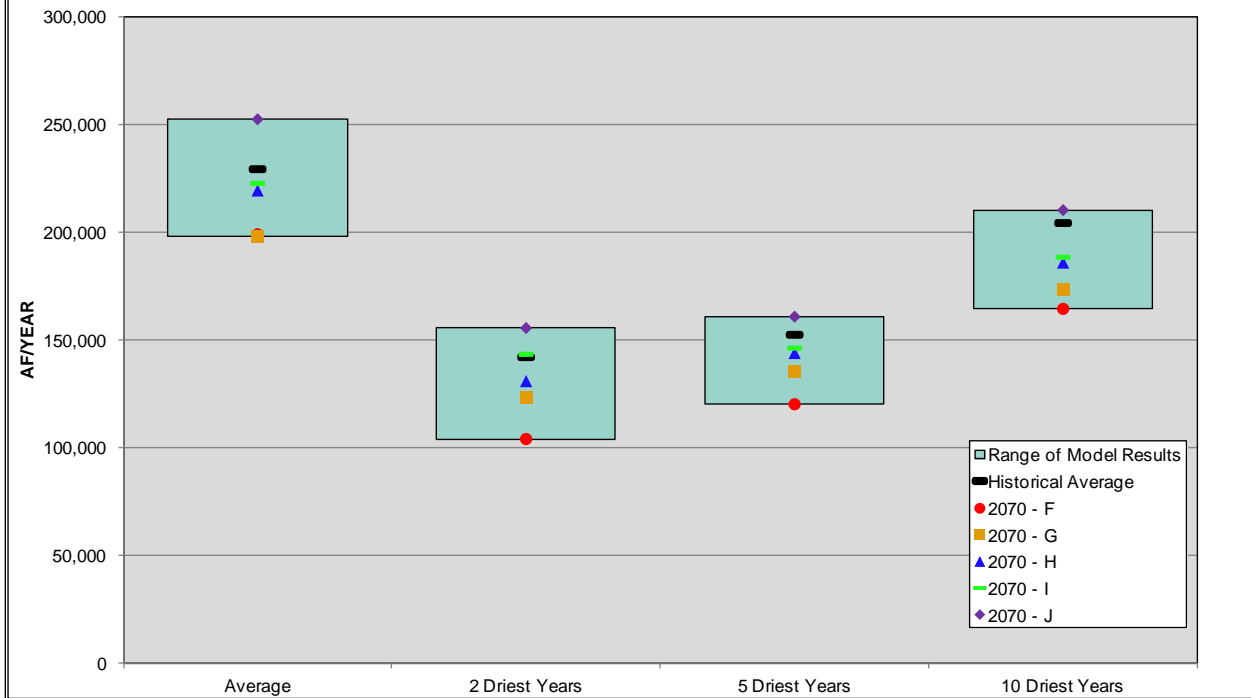
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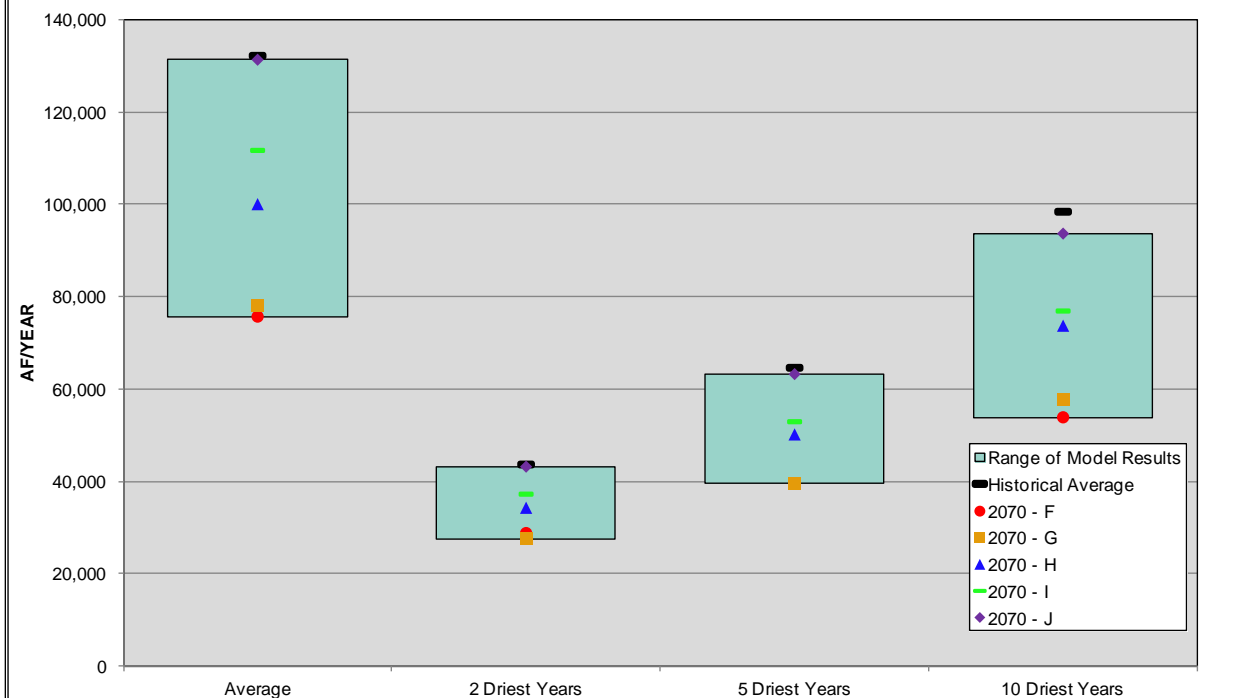
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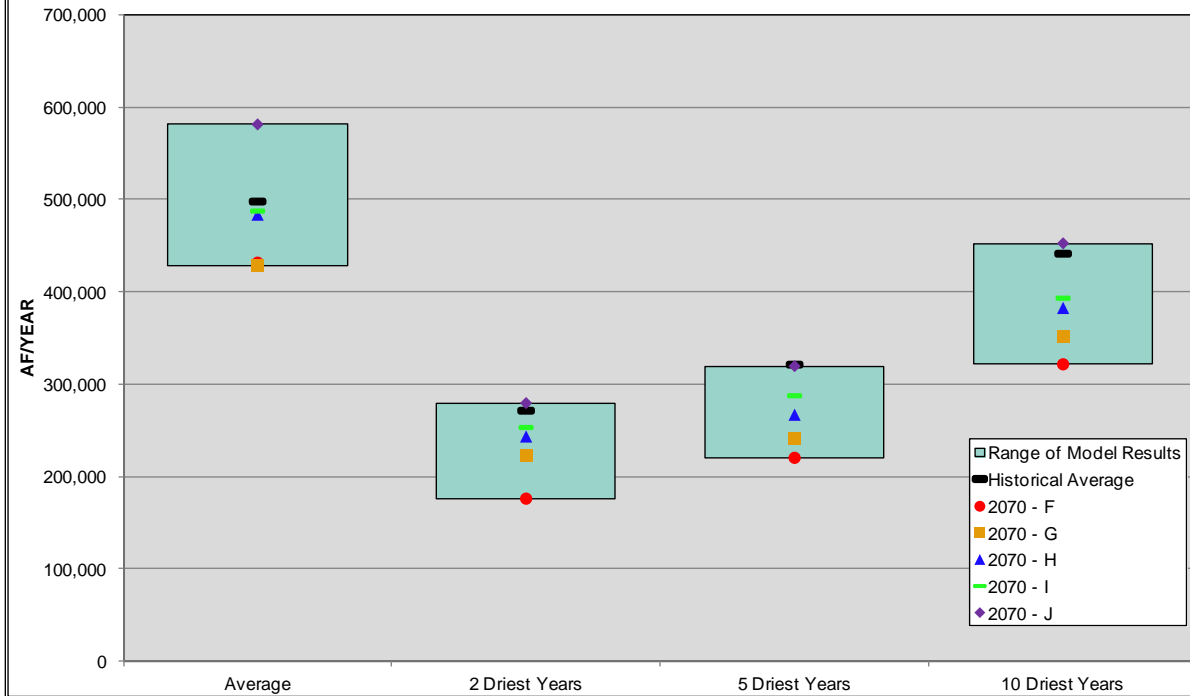
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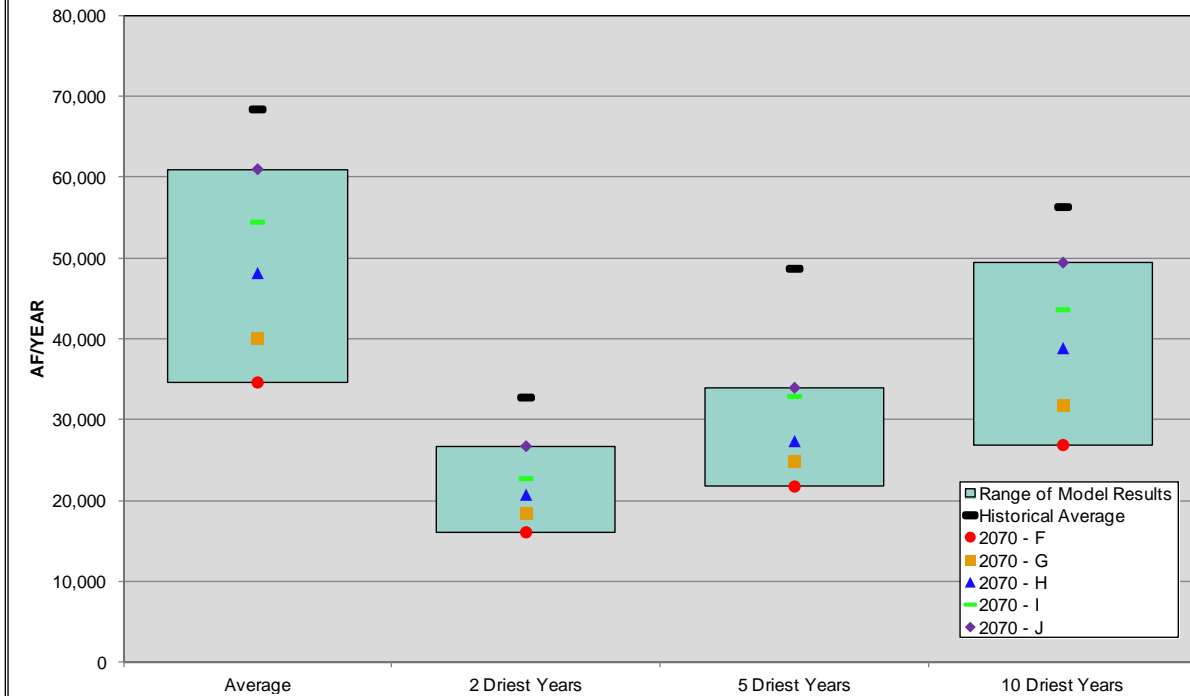
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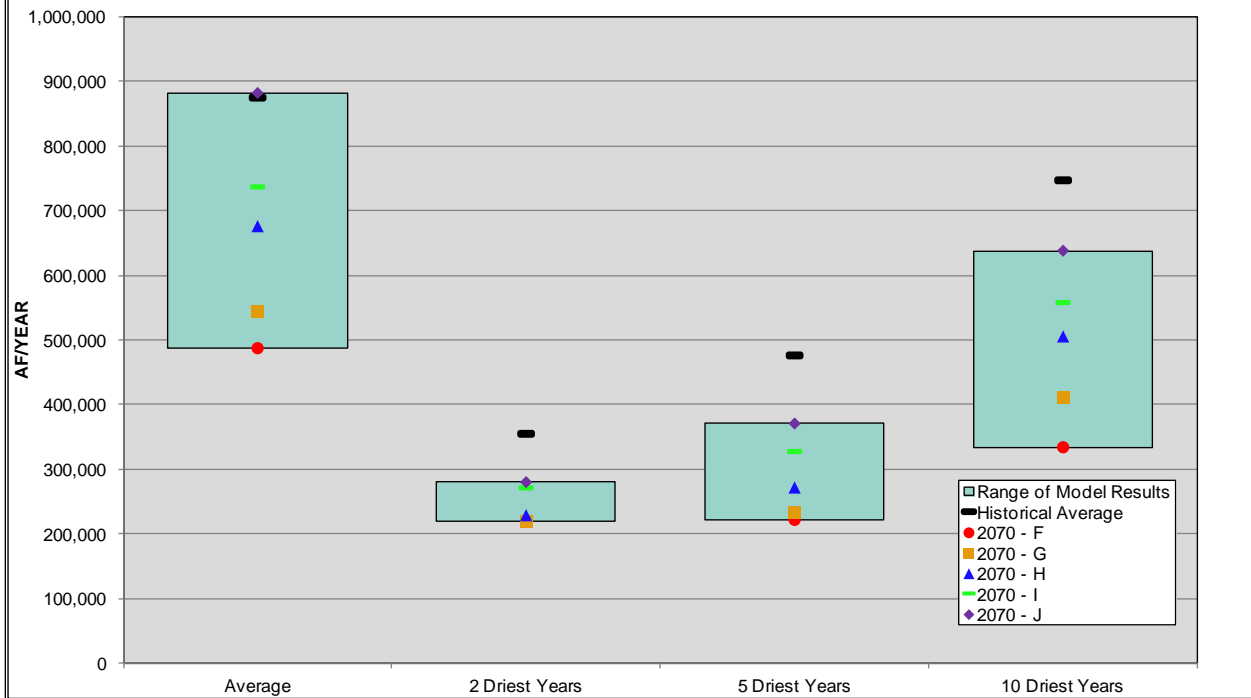
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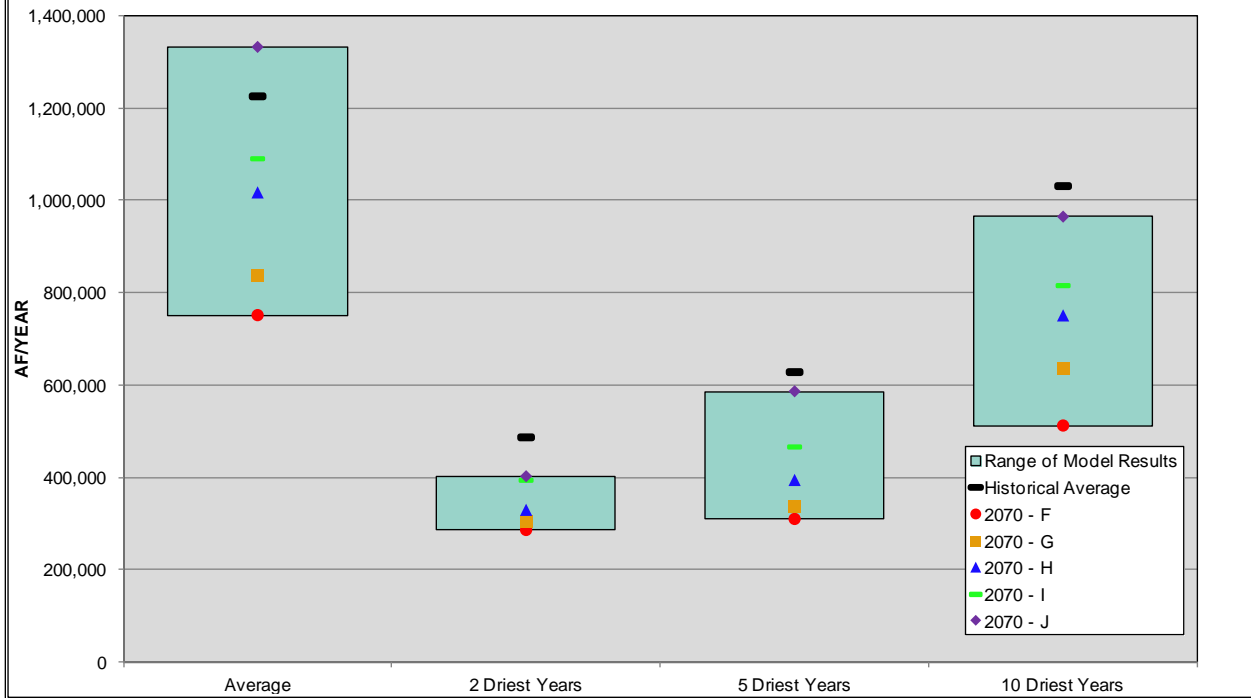
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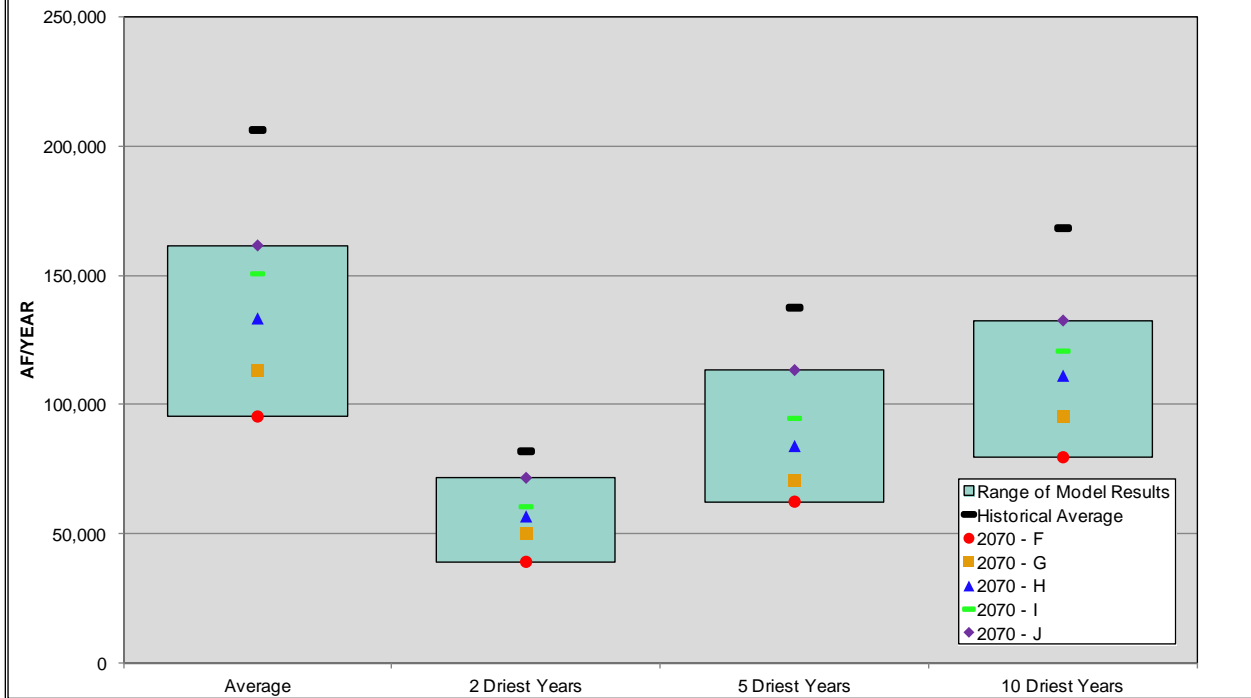
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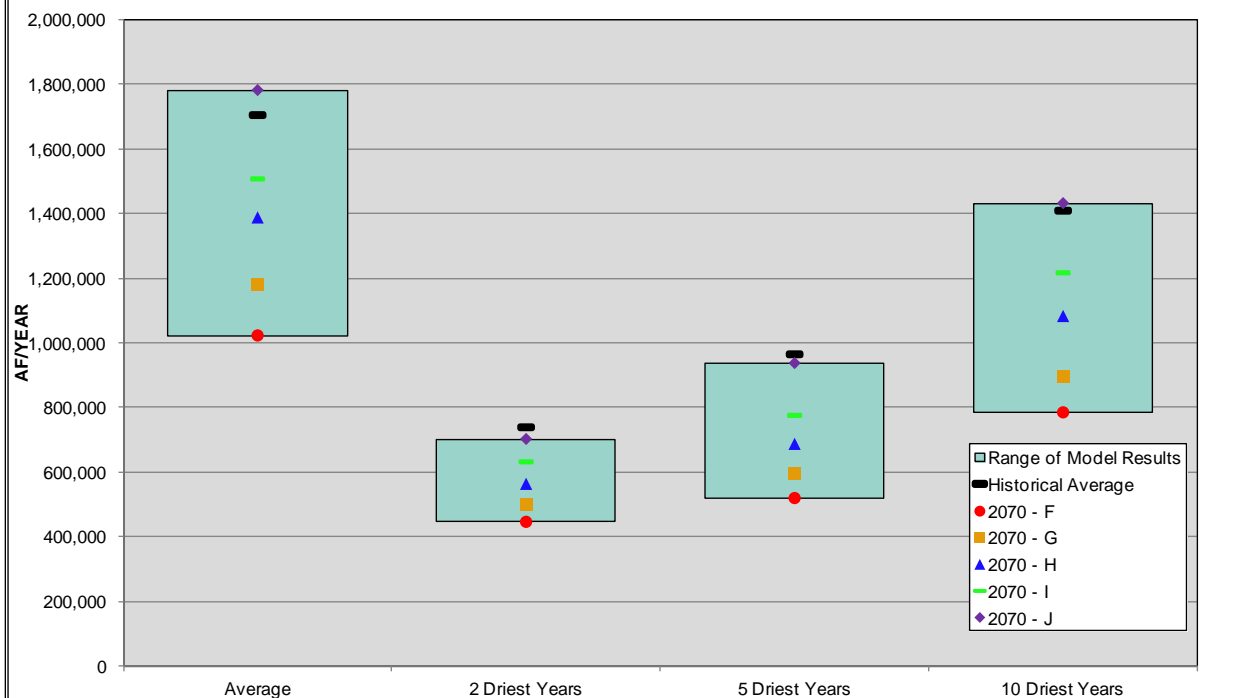
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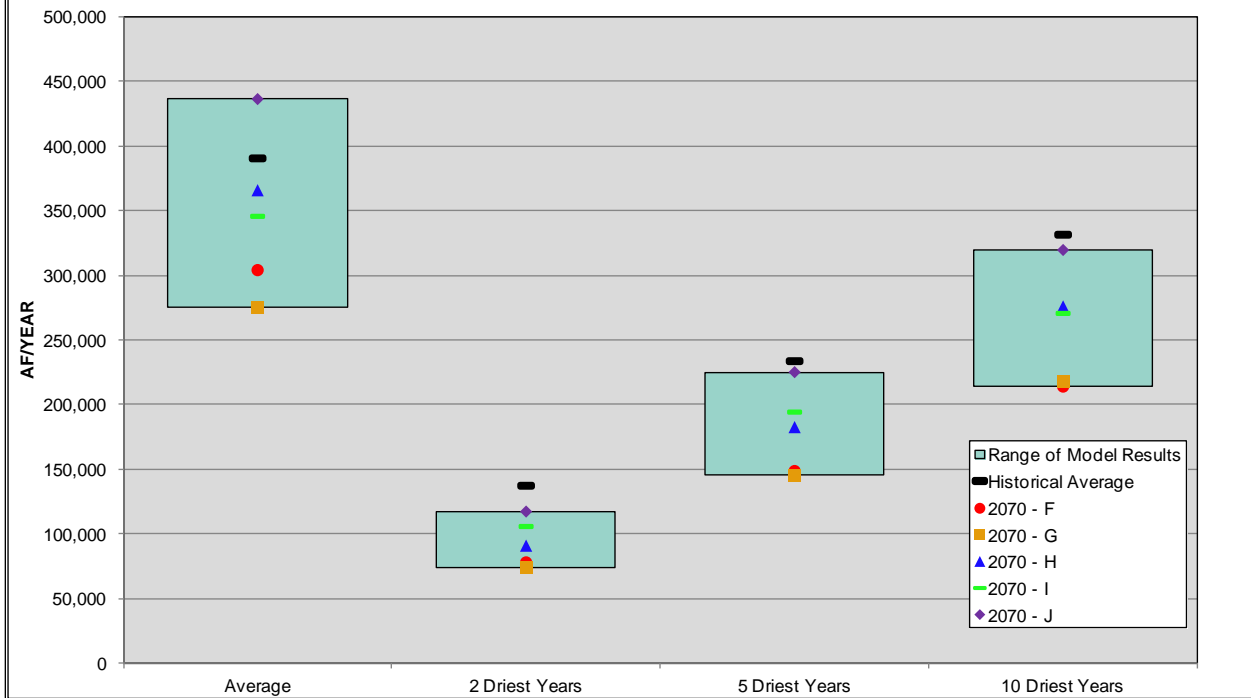
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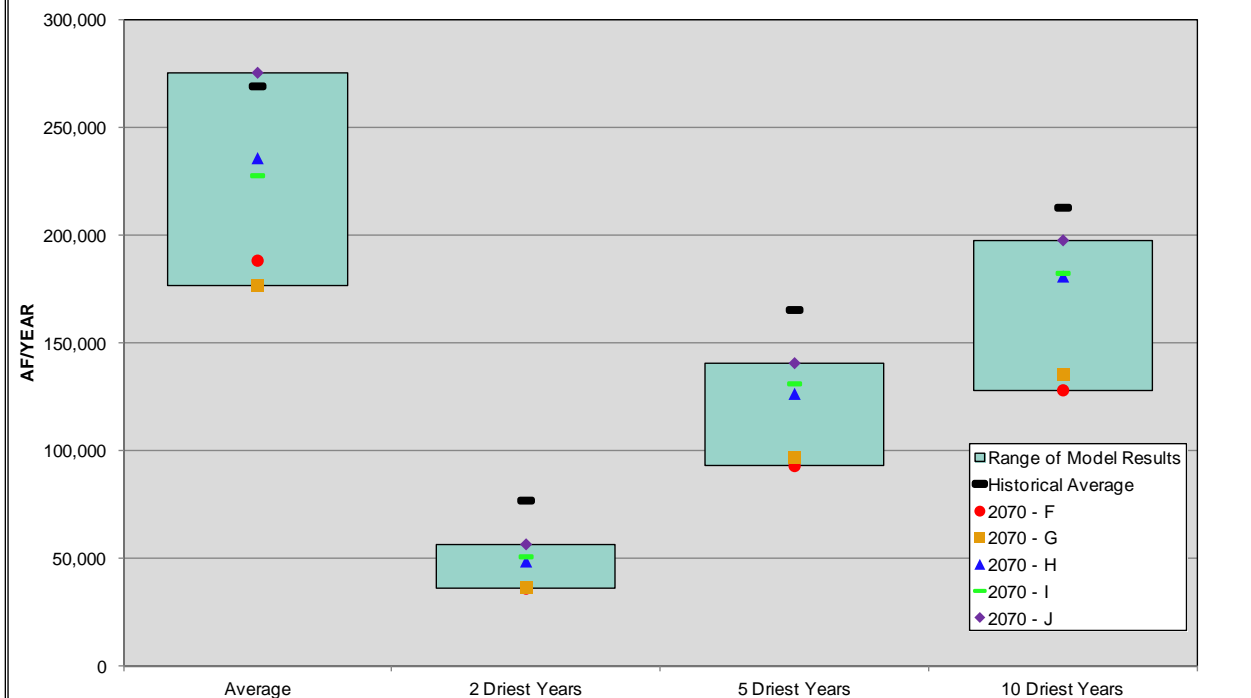
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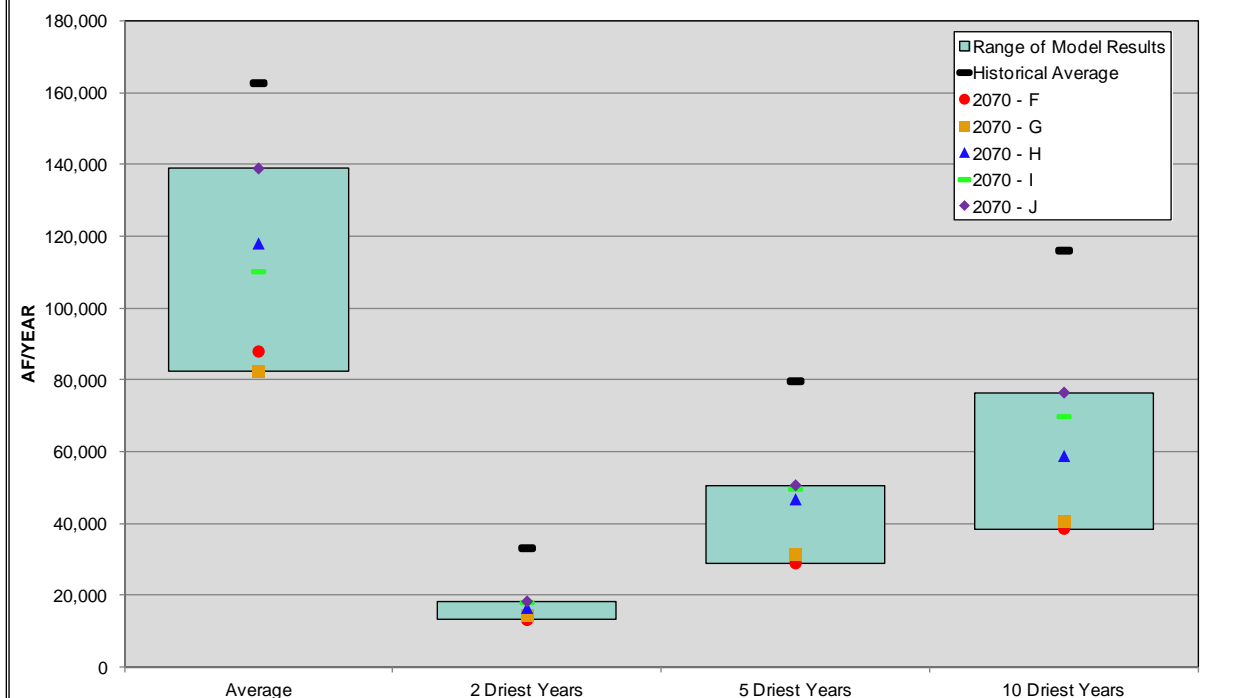
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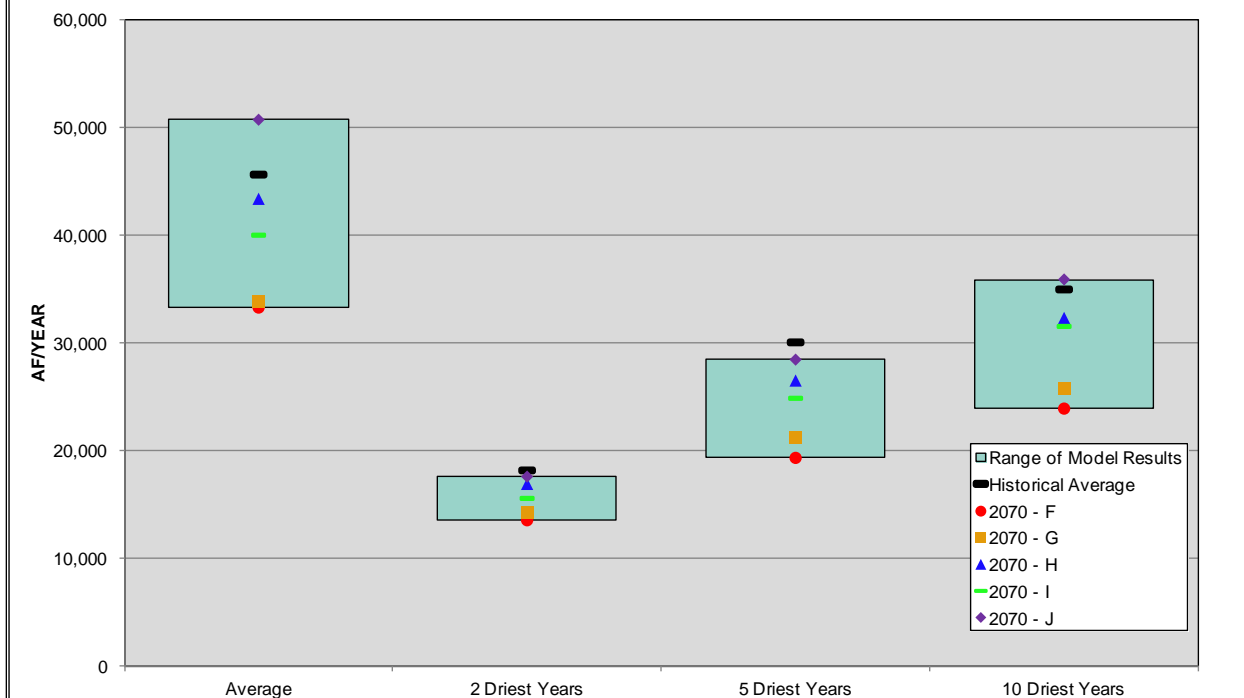
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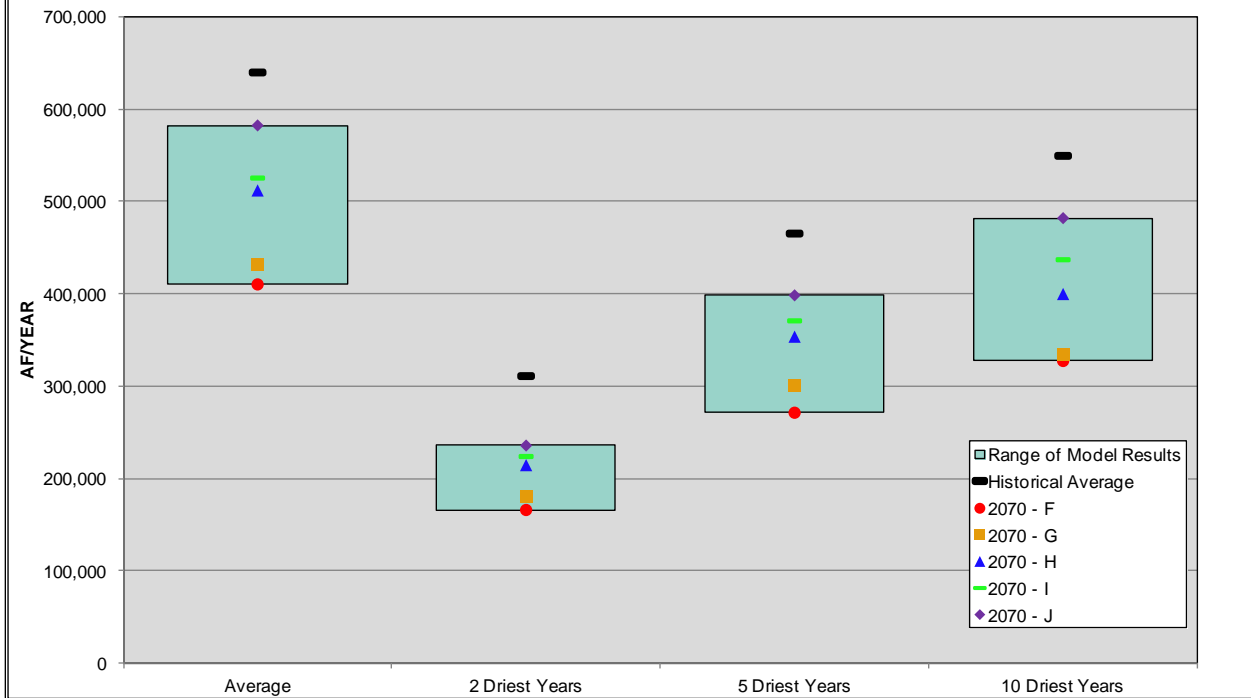
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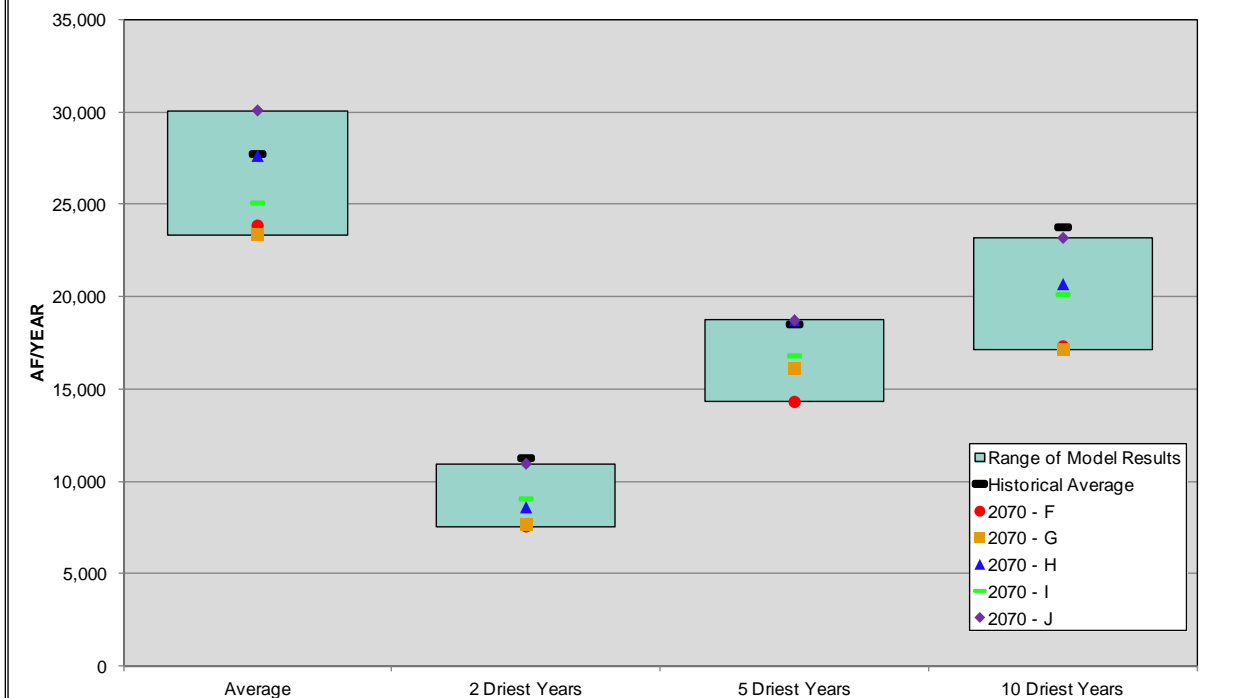
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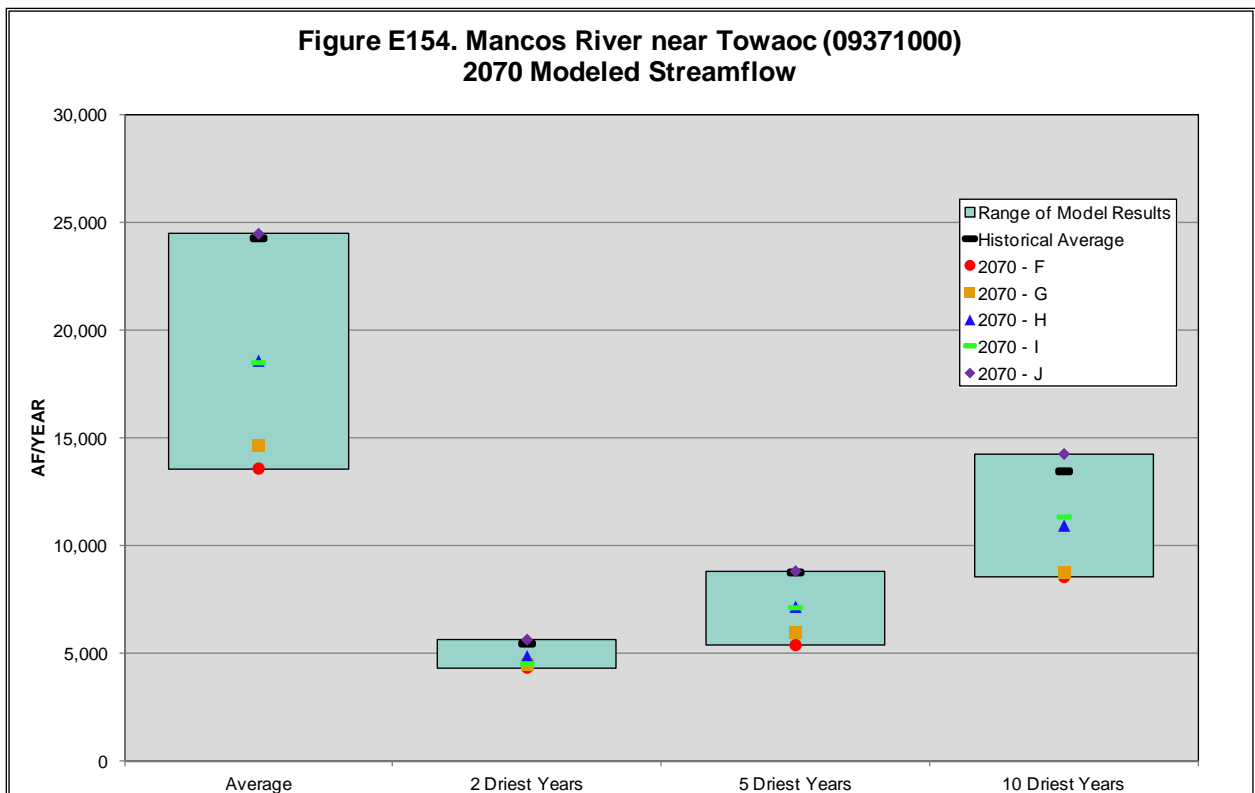
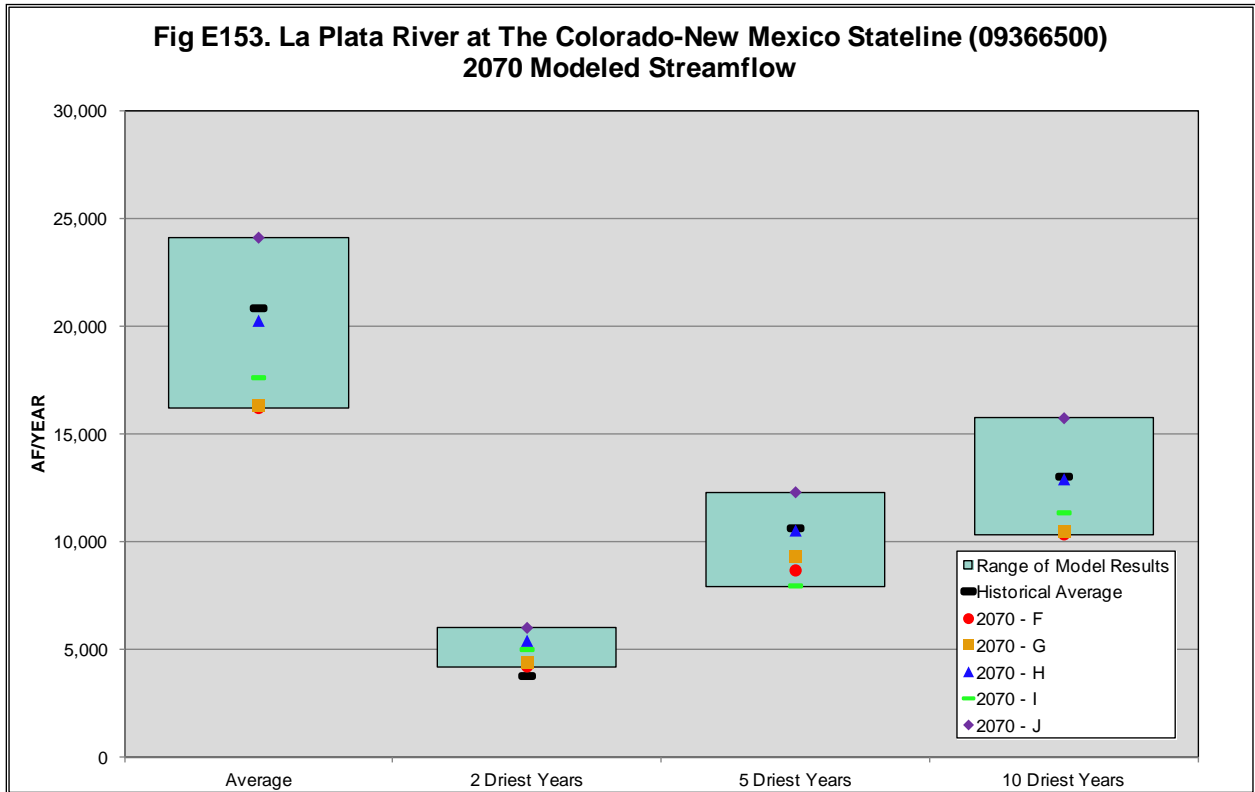


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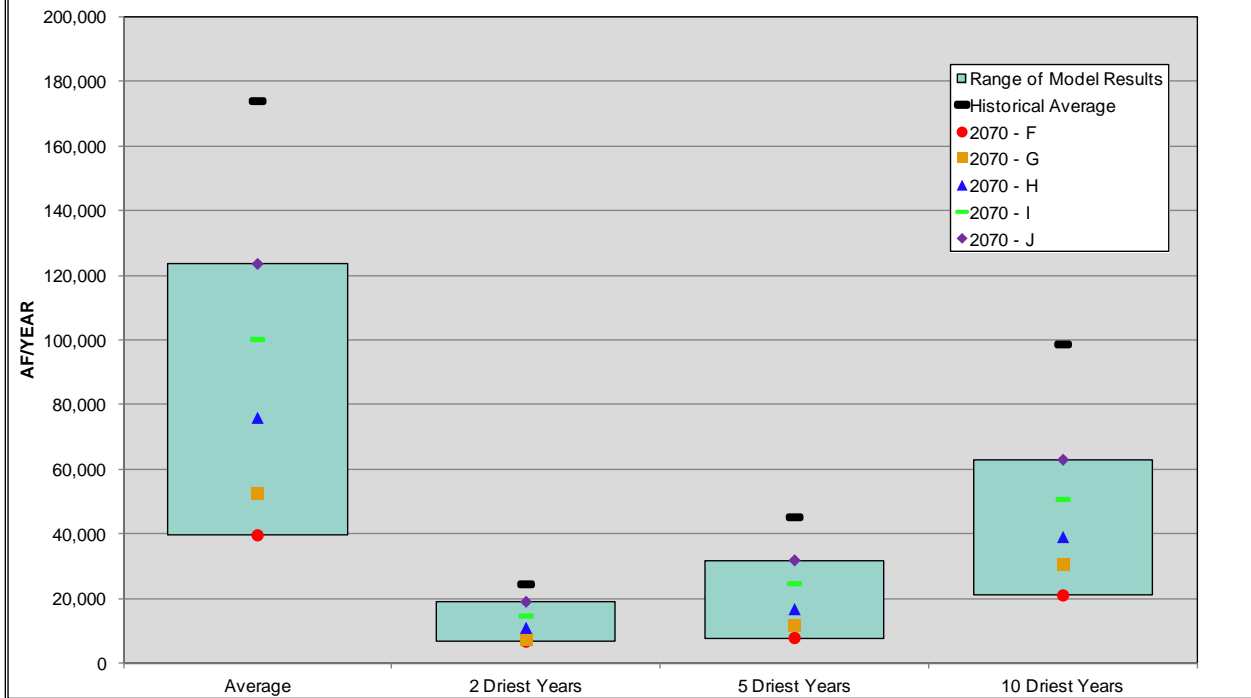


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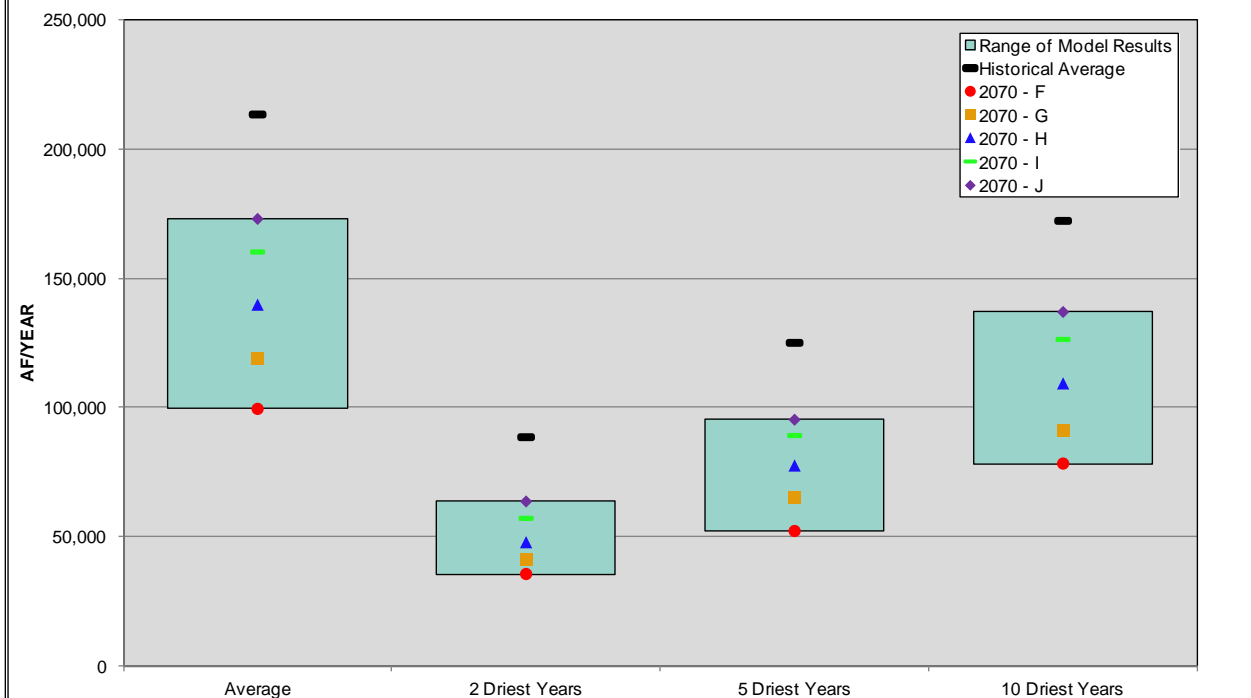




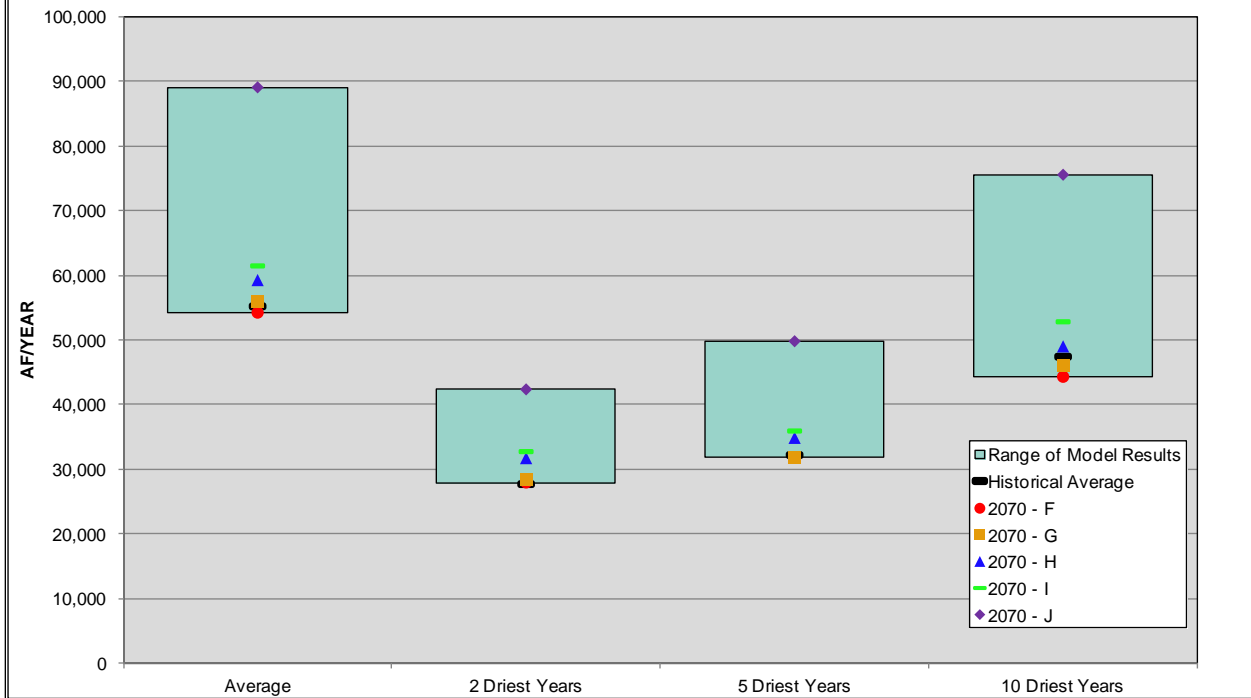
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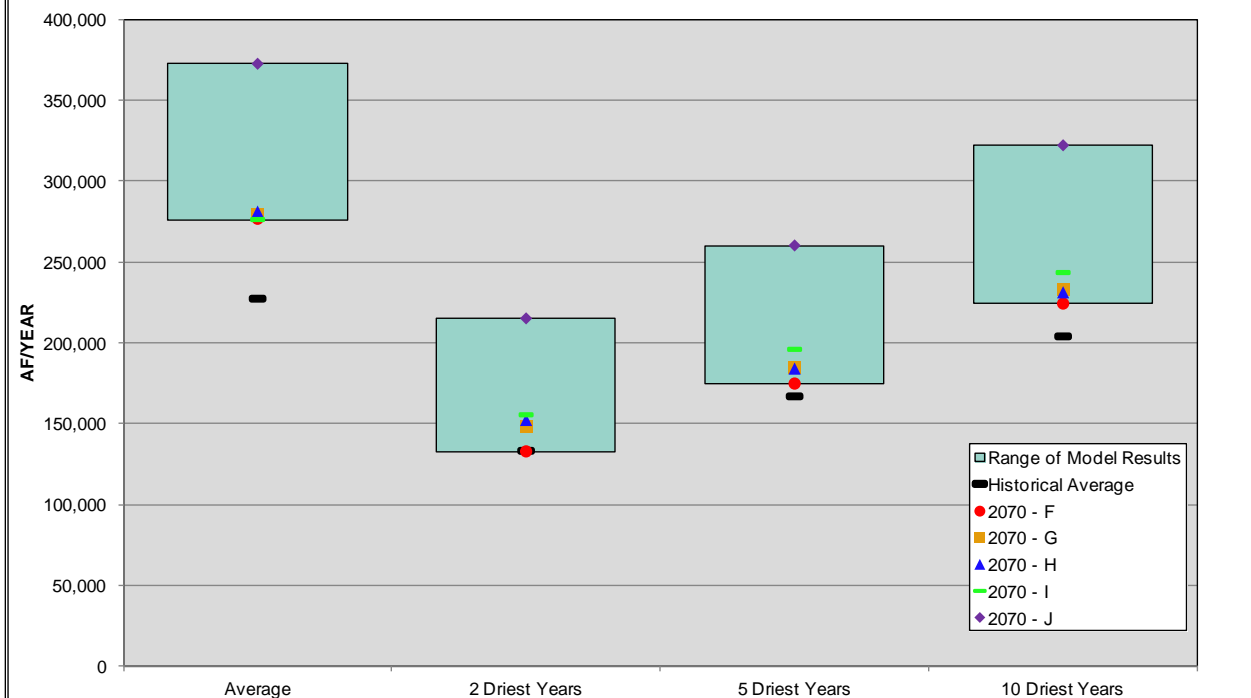
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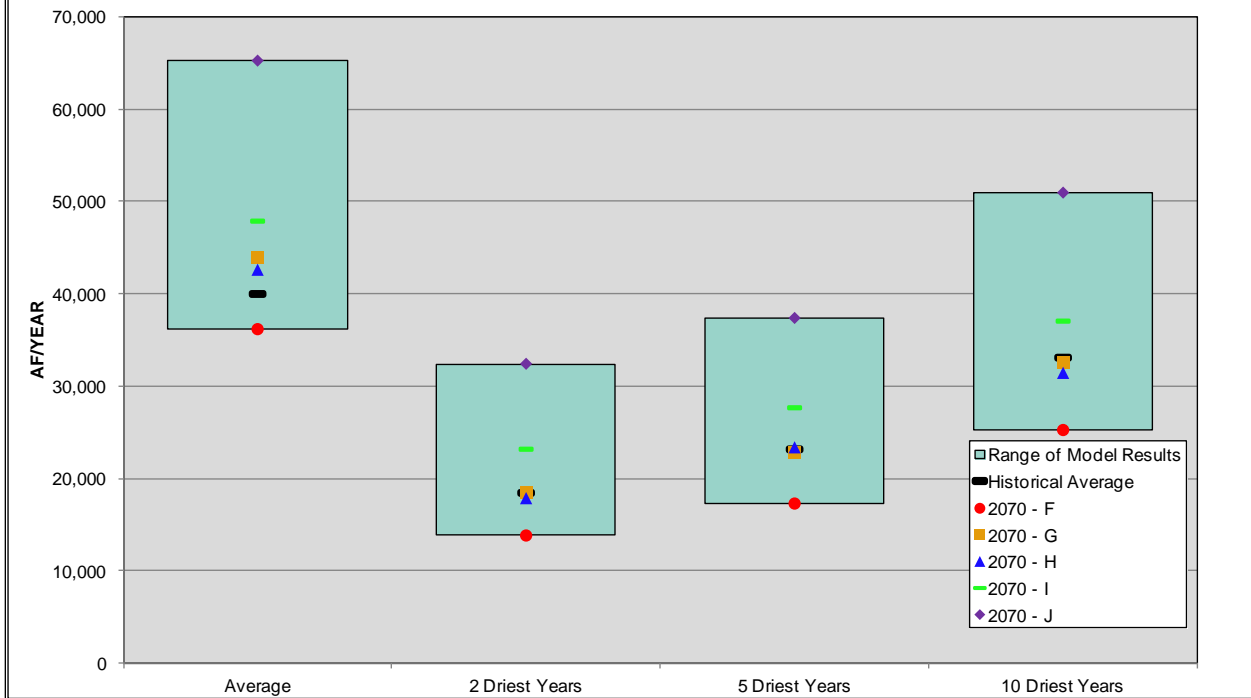
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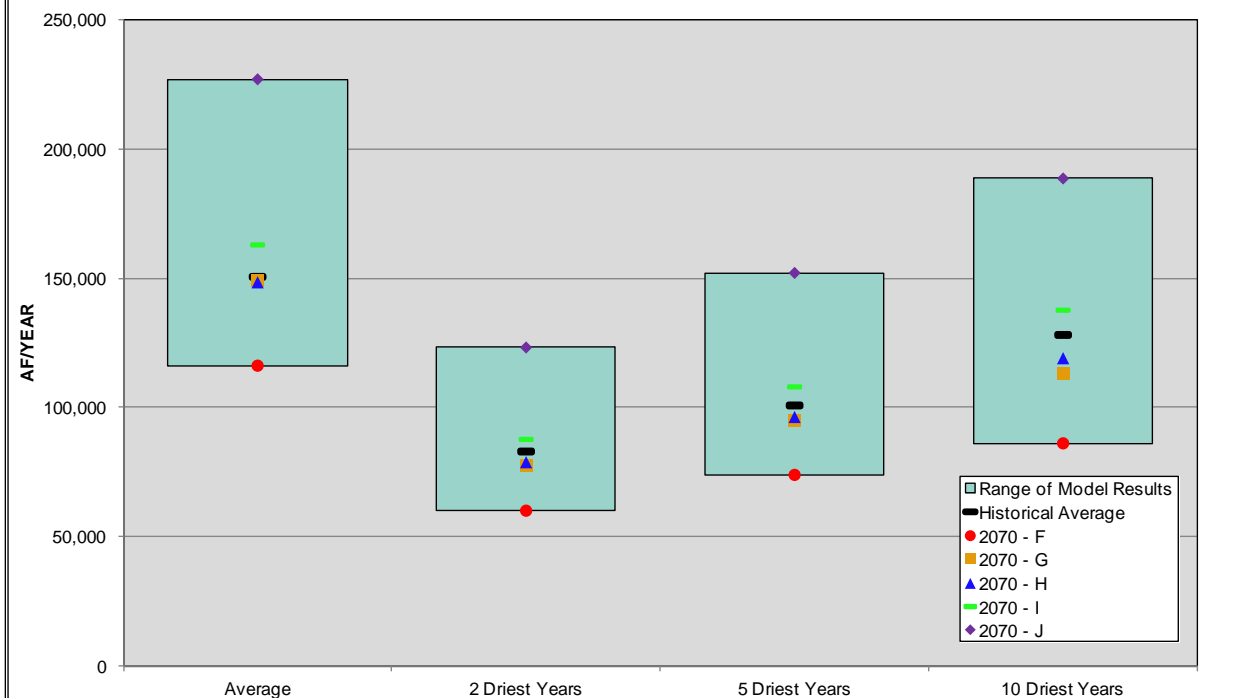
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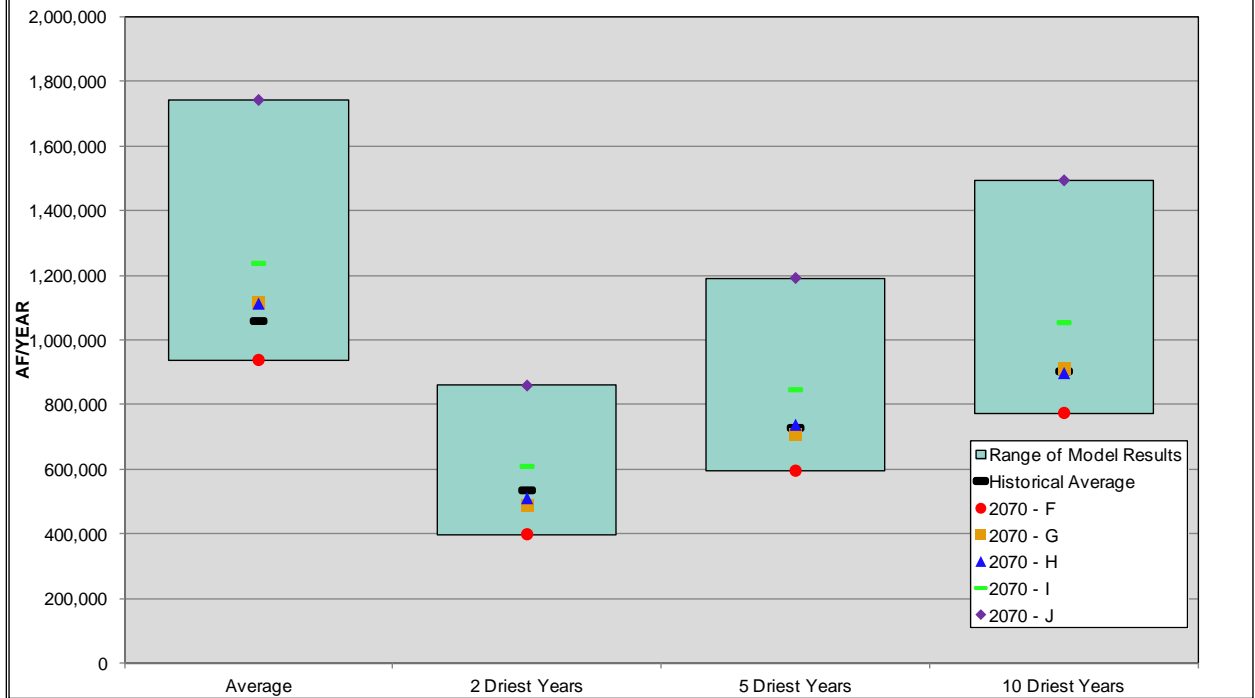
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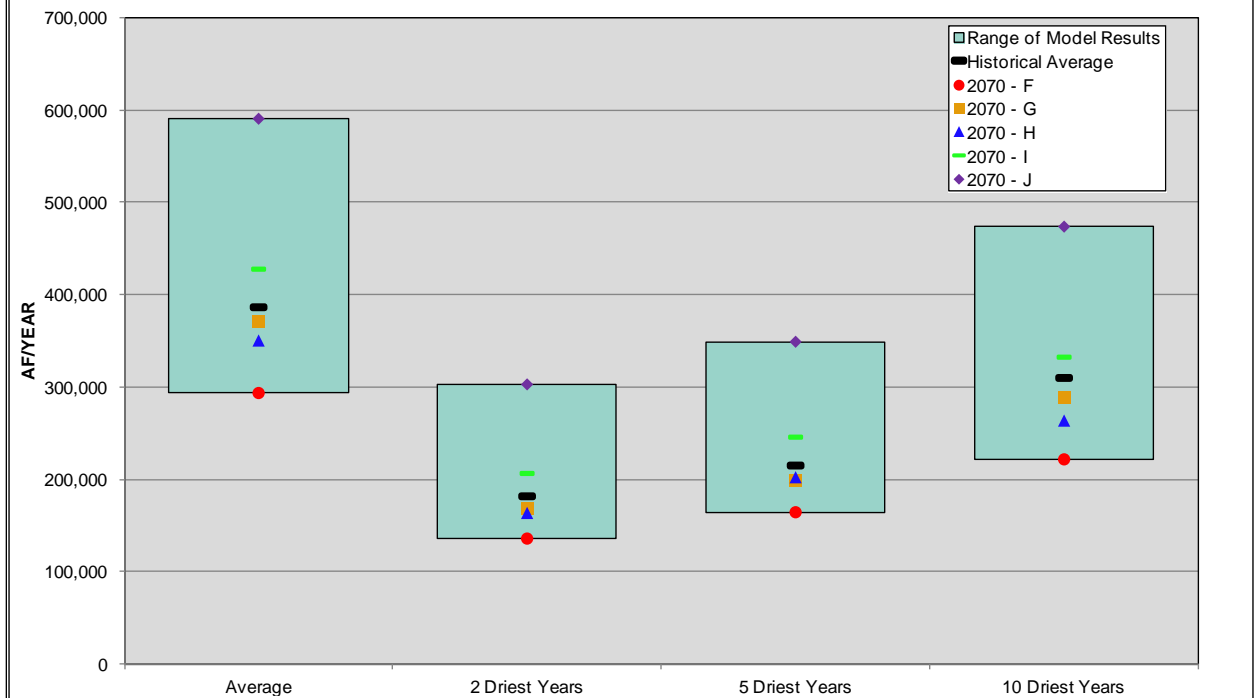
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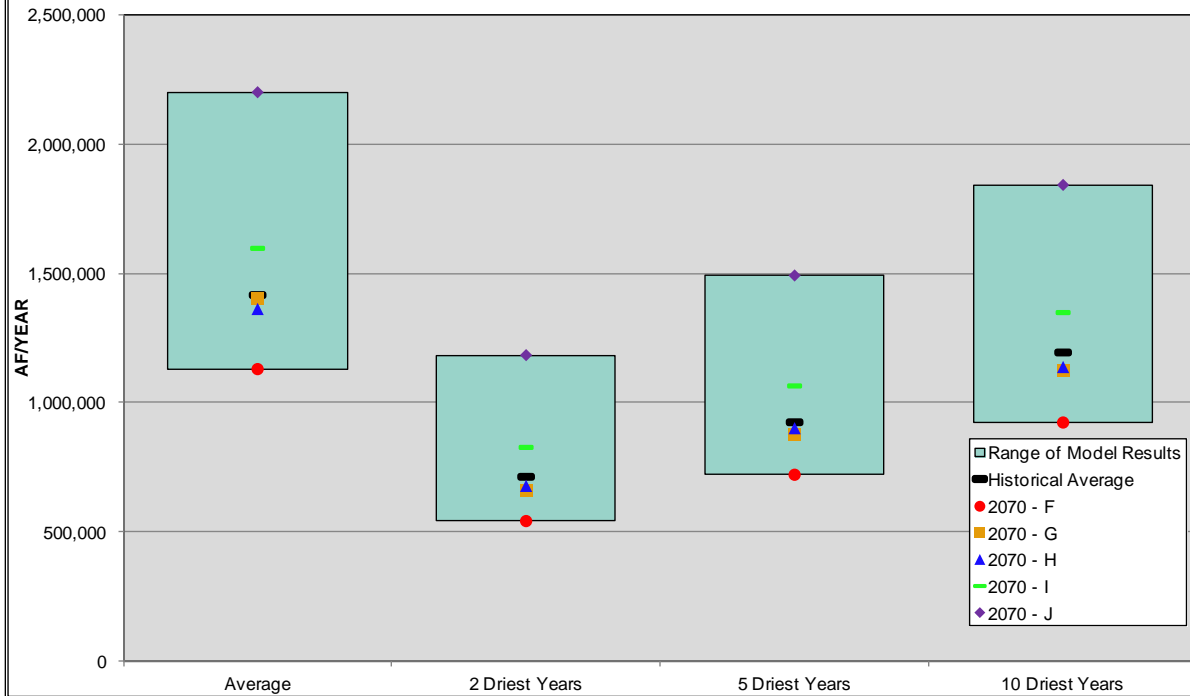
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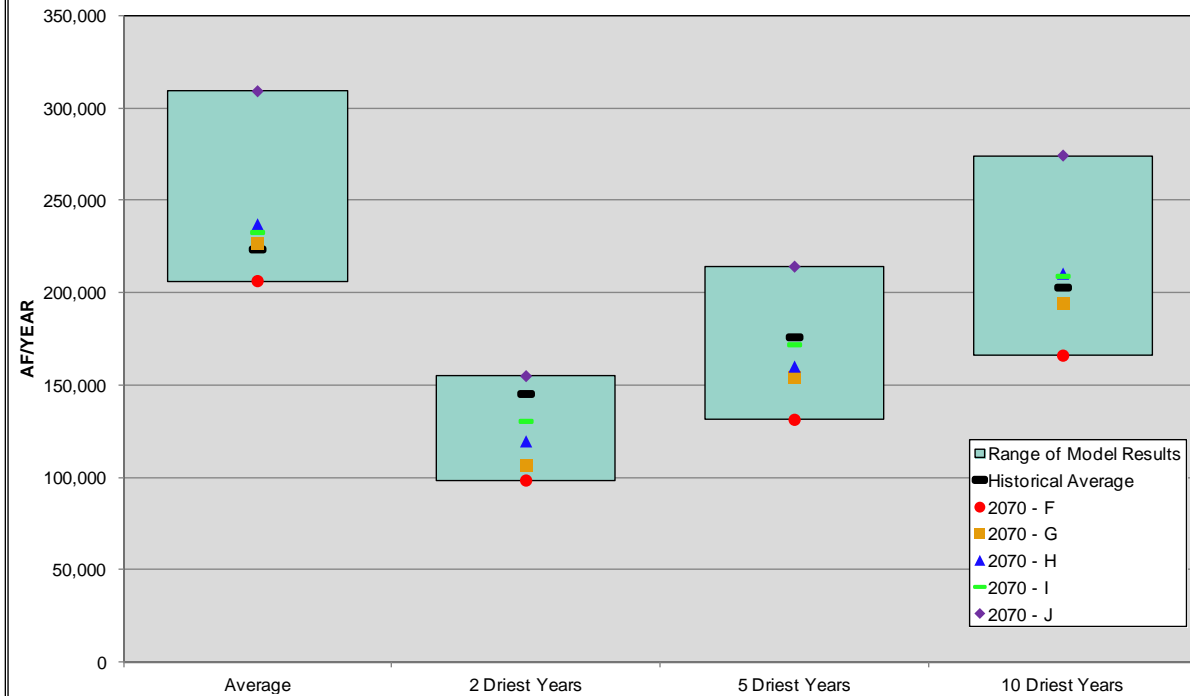
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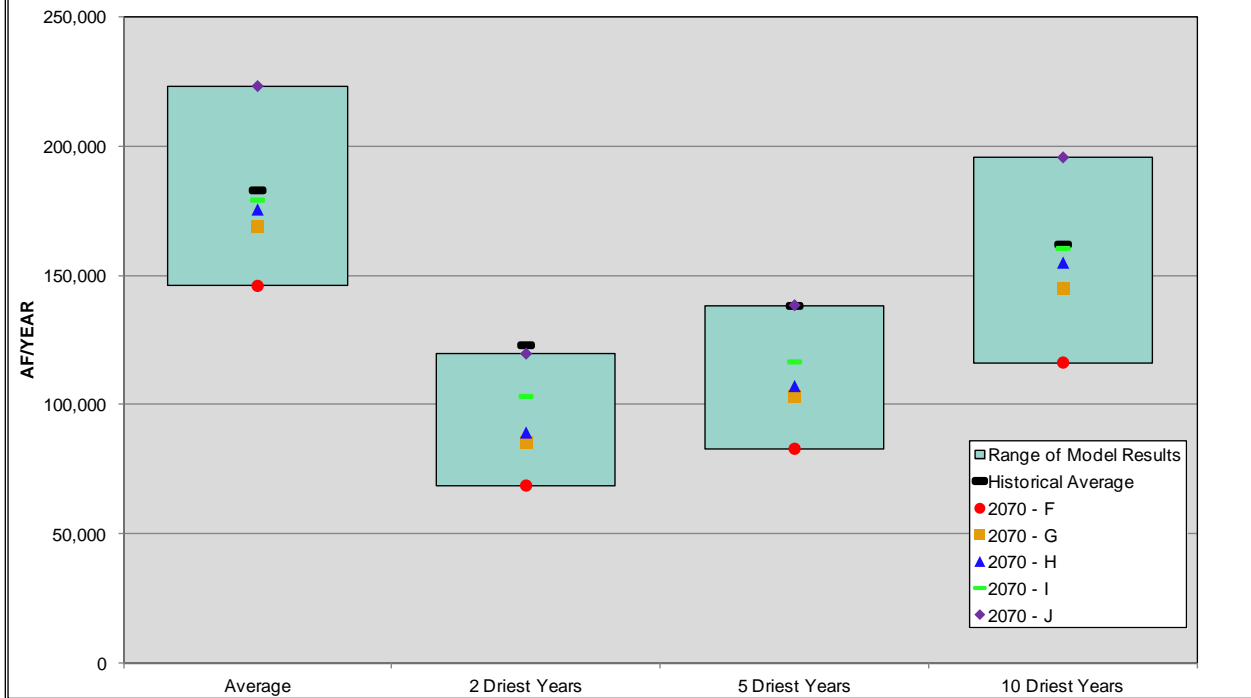
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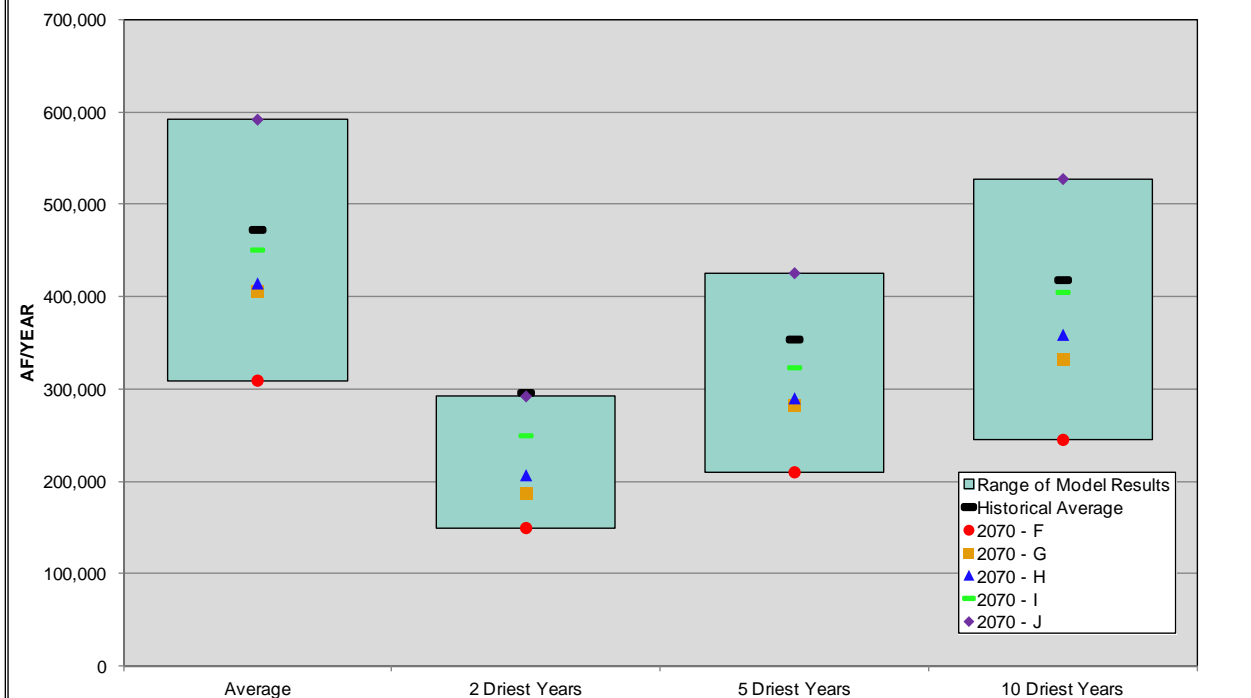
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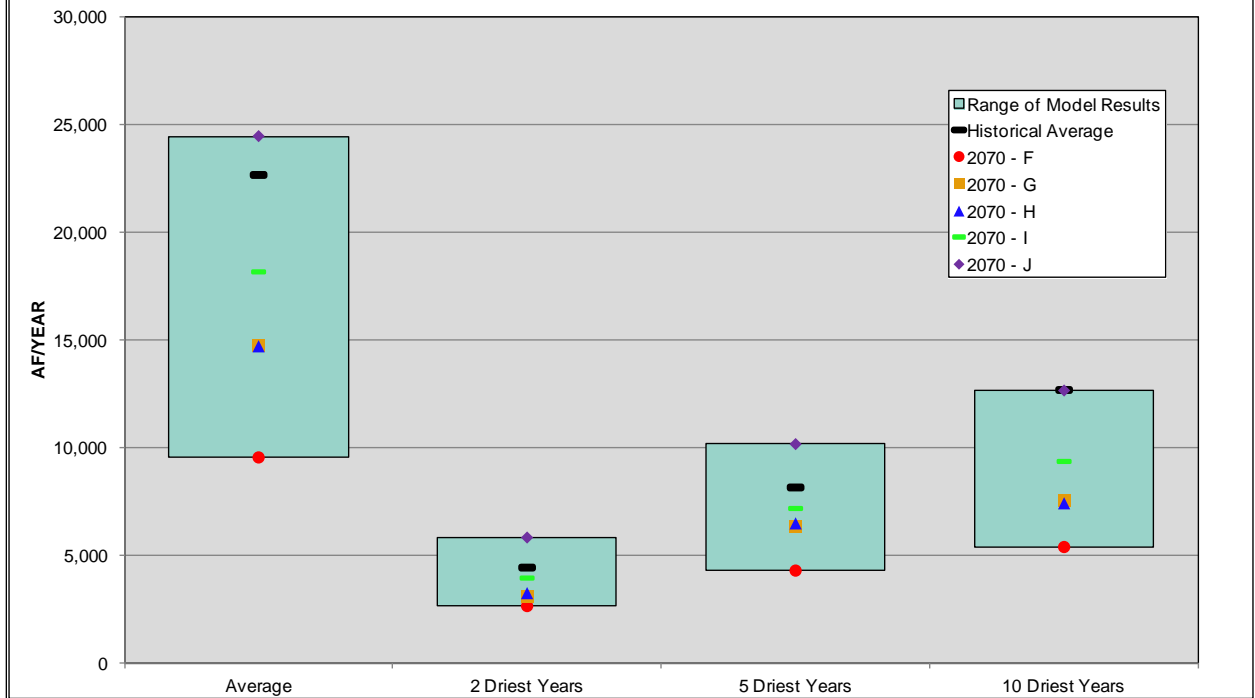
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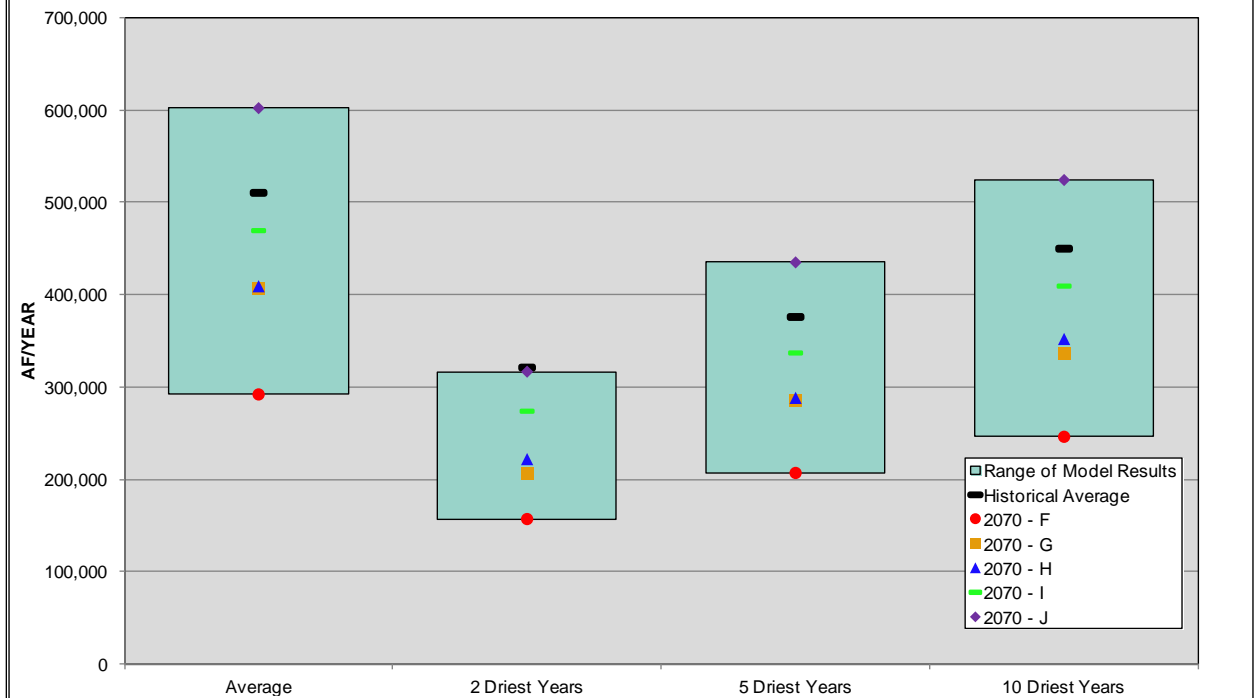
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Appendix F: Water Available to Meet Future Demands



In Association with
AMEC Earth & Environmental
Canyon Water Resources
Leonard Rice Engineers, Inc.
Stratus Consulting

F. Water Available to Meet Future Demands

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Table F1. 2040 Upper Colorado River Basin Average Monthly Water Available to Meet Future Demands








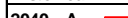
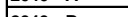
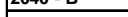
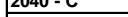



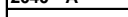

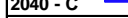
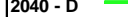

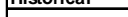
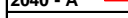

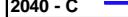
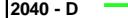


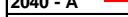
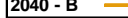
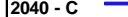




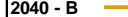
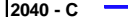
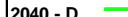
2040 Climate Projections		Average Monthly Water Available to Meet Future Demands (AF)													Reduction in Avg Annual Water Available	
USGS #	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	AF	Percent
Model																
09011000	Colorado River Near Grand Lake															
	Historical 	0	0	0	0	627	7,265	2,020	419	110	44	0	0	10,485	N/A	N/A
	2040 - A 	0	0	0	0	1,860	1,633	36	0	0	0	0	0	3,529	6,956	66%
	2040 - B 	0	0	0	0	1,113	5,181	425	47	0	0	0	0	6,766	3,719	35%
	2040 - C 	0	0	0	0	5,823	10,033	404	37	54	0	0	0	16,351	-5,866	-56%
	2040 - D 	0	0	0	0	3,625	12,875	830	60	12	0	0	0	17,403	-6,918	-66%
	2040 - E 	0	0	0	0	1,337	17,442	3,947	502	150	110	0	0	23,488	-13,003	-124%
09041500	Muddy Creek At Kremmling															
	Historical 	0	0	20	1,279	16,929	17,259	2,953	1,078	1,479	236	19	0	41,252	N/A	N/A
	2040 - A 	0	0	169	1,995	15,696	4,382	89	22	0	0	0	0	22,353	18,900	46%
	2040 - B 	0	0	38	955	18,789	13,283	723	182	184	7	0	0	34,161	7,092	17%
	2040 - C 	0	0	70	2,538	26,480	9,216	354	94	207	6	0	0	38,965	2,288	6%
	2040 - D 	0	16	156	2,189	30,802	17,366	820	175	238	4	0	0	51,766	-10,513	-25%
	2040 - E 	5	38	244	2,521	28,273	23,988	3,061	743	1,677	57	68	13	60,689	-19,436	-47%
09050700	Blue River Below Dillon															
	Historical 	0	0	0	0	1,991	35,569	22,251	4,494	1,094	485	77	0	65,961	N/A	N/A
	2040 - A 	0	0	0	0	5,911	15,820	2,616	353	0	0	0	0	24,699	41,263	63%
	2040 - B 	0	0	0	0	4,053	28,761	10,508	1,482	166	14	0	0	44,985	20,976	32%
	2040 - C 	0	0	0	0	11,966	29,927	7,631	1,056	274	89	0	0	50,943	15,018	23%
	2040 - D 	0	0	9	0	9,719	34,615	11,503	1,636	209	82	0	0	57,772	8,189	12%
	2040 - E 	5	32	41	0	5,850	64,087	25,424	5,348	1,290	628	261	13	102,978	-37,017	-56%
09057500	Blue River Below Green Mountain Reservoir															
	Historical 	0	0	36	261	2,071	48,535	44,921	10,308	3,773	2,142	298	0	112,345	N/A	N/A
	2040 - A 	0	0	896	799	6,014	23,623	4,589	434	0	0	0	0	36,354	75,991	68%
	2040 - B 	0	0	199	577	4,140	41,564	22,177	3,021	355	14	0	0	72,048	40,296	36%
	2040 - C 	0	0	670	821	12,604	46,753	13,917	1,939	846	212	0	0	77,763	34,582	31%
	2040 - D 	0	53	735	735	9,973	53,203	25,120	3,479	753	169	0	0	94,220	18,125	16%
	2040 - E 	5	183	916	584	5,954	90,100	52,268	12,014	4,659	3,353	1,297	114	171,449	-59,104	-53%
09070000	Eagle River Below Gypsum															
	Historical 	0	0	36	3,424	63,583	120,156	44,764	9,103	3,000	2,042	298	0	246,407	N/A	N/A
	2040 - A 	0	0	1,083	16,759	65,483	52,145	4,982	430	0	0	0	0	140,881	105,526	43%
	2040 - B 	0	0	199	7,371	72,515	101,823	21,901	2,395	282	14	0	0	206,499	39,907	16%
	2040 - C 	0	0	656	16,648	84,469	78,985	12,000	1,365	729	212	0	0	195,065	51,341	21%
	2040 - D 	0	53	706	11,529	93,055	107,561	22,467	2,613	633	169	0	0	238,786	7,620	3%
	2040 - E 	5	183	833	7,977	83,557	152,027	50,973	10,644	3,617	3,346	1,125	114	314,401	-67,995	-28%
09070500	Colorado River At Dotsero															
	Historical 	0	0	36	5,805	128,999	286,306	108,373	16,675	4,968	2,348	298	0	553,808	N/A	N/A
	2040 - A 	0	0	1,360	27,619	133,103	109,361	7,678	434	0	0	0	0	279,556	274,252	50%
	2040 - B 	0	0	199	10,288	155,709	239,468	41,894	3,600	355	14	0	0	451,527	102,281	18%
	2040 - C 	0	0	679	27,052	212,988	223,467	23,139	2,257	1,088	212	0	0	490,882	62,926	11%
	2040 - D 	0	53	1,002	17,651	236,698	303,728	48,212	4,265	794	169	0	0	612,571	-58,763	-11%
	2040 - E 	5	183	1,043	13,060	200,408	443,627	135,807	20,800	6,785	3,958	1,495	114	827,286	-273,478	-49%

Table F1. 2040 Upper Colorado River Basin Average Monthly Water Available to Meet Future Demands (cont.)






























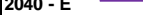
2040 Climate Projections		Average Monthly Water Available to Meet Future Demands (AF)														Reduction in Avg Annual Water Available	
USGS #	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	AF	Percent	
Model																	
09073400	Roaring Fork River Near Aspen																
	Historical 	21	12	27	910	8,961	2,488	1,399	1,095	993	698	246	98	16,947	N/A	N/A	
	2040 - A 	3	1	52	1,759	16,958	3,129	0	51	170	60	5	3	22,191	-5,245	-31%	
	2040 - B 	4	1	11	925	12,220	4,790	91	326	325	155	16	7	18,871	-1,924	-11%	
	2040 - C 	6	3	34	1,653	19,353	4,863	0	135	348	246	51	21	26,715	-9,769	-58%	
	2040 - D 	7	4	24	1,144	17,907	6,773	7	343	380	253	54	23	26,920	-9,973	-59%	
	2040 - E 	47	25	59	1,191	12,445	8,894	1,806	1,385	1,145	871	356	159	28,383	-11,436	-67%	
09085000	Roaring Fork River At Glenwood																
	Historical 	23,435	20,637	26,348	46,486	128,784	222,117	121,927	40,054	40,393	44,311	28,267	25,663	768,422	N/A	N/A	
	2040 - A 	14,654	15,969	25,715	57,727	183,378	153,277	18,812	2,300	8,690	24,594	18,991	16,029	540,136	228,286	30%	
	2040 - B 	18,464	17,568	24,275	48,684	162,189	229,294	66,186	8,881	15,424	31,576	22,104	19,601	664,246	104,176	14%	
	2040 - C 	19,783	18,611	26,147	57,763	207,056	188,198	26,956	4,899	15,041	32,301	23,444	20,928	641,126	127,296	17%	
	2040 - D 	21,270	19,817	26,915	53,777	208,129	238,604	64,596	9,597	18,839	33,449	24,517	22,513	742,025	26,397	3%	
	2040 - E 	25,142	22,276	28,938	54,366	163,595	278,868	132,188	36,502	40,857	45,124	30,372	27,693	885,922	-117,501	-15%	
09095500	Colorado River Near Cameo																
	Historical 	43,383	42,564	59,677	110,756	355,098	580,608	227,538	54,327	54,140	94,283	58,945	47,905	1,729,225	N/A	N/A	
	2040 - A 	20,138	27,057	56,179	114,572	351,731	291,330	23,741	2,300	9,963	37,361	27,656	21,237	983,265	745,960	43%	
	2040 - B 	29,120	32,847	54,465	113,300	400,343	530,224	102,073	11,190	18,884	57,194	38,698	30,652	1,418,990	310,235	18%	
	2040 - C 	32,006	36,306	59,696	123,951	476,694	452,708	42,296	6,405	19,417	57,305	42,009	33,716	1,382,511	346,714	20%	
	2040 - D 	38,579	43,234	67,233	130,878	537,544	615,537	106,534	12,478	23,760	61,715	47,129	39,758	1,724,380	4,845	0%	
	2040 - E 	51,843	51,482	72,172	133,005	477,446	808,712	265,166	51,907	54,377	91,560	66,559	56,338	2,180,566	-451,341	-26%	
09105000	Plateau Creek Near Cameo																
	Historical 	3,486	3,374	5,299	10,255	33,192	29,528	8,524	4,343	4,262	5,997	4,876	3,933	117,070	N/A	N/A	
	2040 - A 	2,790	3,297	7,343	10,479	15,254	7,626	1,773	705	1,103	3,324	3,258	2,738	59,691	57,379	49%	
	2040 - B 	3,298	3,446	6,103	10,621	27,869	18,791	5,219	1,852	2,321	4,623	4,091	3,475	91,708	25,362	22%	
	2040 - C 	3,452	3,735	6,839	11,844	21,697	10,803	3,431	1,324	2,050	4,597	4,094	3,541	77,408	39,662	34%	
	2040 - D 	3,882	4,465	7,155	12,488	32,771	20,661	5,491	2,046	2,898	5,396	4,782	4,095	106,129	10,941	9%	
	2040 - E 	4,303	4,262	7,057	13,283	39,214	33,365	9,461	3,897	4,863	6,927	5,860	4,928	137,419	-20,349	-17%	
09163500	Colorado River Near Colorado-Utah State Line																
	Historical 	185,911	177,020	224,001	328,074	773,211	978,497	458,208	228,036	224,411	255,129	213,537	194,820	4,240,855	N/A	N/A	
	2040 - A 	146,342	152,317	235,094	359,565	716,089	540,517	148,730	122,931	144,444	165,509	159,384	147,915	3,038,839	1,202,016	28%	
	2040 - B 	162,152	161,809	224,092	349,835	836,718	897,690	276,863	158,987	170,197	197,259	178,116	165,861	3,779,578	461,277	11%	
	2040 - C 	169,697	170,155	239,822	388,602	912,086	755,336	183,595	148,921	174,209	201,483	185,155	172,031	3,701,093	539,762	13%	
	2040 - D 	181,603	185,569	250,385	390,476	1,026,614	1,005,731	283,388	165,268	182,703	211,718	196,019	184,568	4,264,042	-23,188	-1%	
	2040 - E 	204,551	197,522	257,082	390,414	968,447	1,272,550	512,529	231,489	234,732	261,691	231,437	214,894	4,977,339	-736,484	-17%	

Table F2. 2040 Gunnison River Basin Average Monthly Water Available to Meet Future Demands





































2040 Climate Projections		Average Monthly Water Available to Meet Future Demands (AF)*												Reduction*** in Avg Annual Water Available		
USGS #	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	AF	Percent
Model																
09110000	Taylor River At Almont															
	Historical 	0	0	0	0	420	1,175	3,661	0	0	0	0	0	5,256	N/A	N/A
	2040 - A 	0	0	0	0	2,697	2,668	0	0	0	0	0	0	5,365	-109	-2%
	2040 - B 	0	0	0	0	1,370	9,931	0	0	0	0	0	0	11,301	-6,045	-115%
	2040 - C 	0	0	0	0	8,011	5,970	0	0	0	0	0	0	13,980	-8,724	-166%
	2040 - D 	0	0	0	0	8,063	13,363	0	0	0	0	0	0	21,426	-16,170	-308%
	2040 - E 	0	0	0	0	3,018	19,316	372	0	0	0	0	0	22,706	-17,450	-332%
09112500	East River At Almont															
	Historical 	0	0	0	0	420	1,175	4,895	0	0	0	0	0	6,491	N/A	N/A
	2040 - A 	0	0	0	0	5,003	3,320	0	0	0	0	0	0	8,323	-1,832	-28%
	2040 - B 	0	0	0	0	2,366	12,526	0	0	0	0	0	0	14,892	-8,401	-129%
	2040 - C 	0	0	0	0	12,617	8,705	0	0	0	0	0	0	21,322	-14,831	-229%
	2040 - D 	0	0	0	0	13,076	17,917	0	0	0	0	0	0	30,993	-24,503	-378%
	2040 - E 	0	0	0	0	3,849	24,572	372	0	0	0	0	0	28,792	-22,302	-344%
09114500	Gunnison River Near Gunnison															
	Historical 	0	0	0	0	420	1,175	6,214	0	0	0	0	0	7,809	N/A	N/A
	2040 - A 	0	0	0	0	6,890	3,320	0	0	0	0	0	0	10,209	-2,400	-31%
	2040 - B 	0	0	0	0	4,801	14,792	0	0	0	0	0	0	19,593	-11,784	-151%
	2040 - C 	0	0	0	0	15,772	10,712	0	0	0	0	0	0	26,485	-18,675	-239%
	2040 - D 	0	0	0	0	16,651	22,013	0	0	0	0	0	0	38,664	-30,855	-395%
	2040 - E 	0	0	0	0	6,620	33,773	372	0	0	0	0	0	40,765	-32,956	-422%
09119000	Tomichi Creek At Gunnison															
	Historical 	0	0	0	0	420	1,175	2,534	0	0	0	0	0	4,129	N/A	N/A
	2040 - A 	0	0	0	0	4,472	1,692	0	0	0	0	0	0	6,164	-2,035	-49%
	2040 - B 	0	0	0	0	2,854	7,131	0	0	0	0	0	0	9,985	-5,856	-142%
	2040 - C 	0	0	0	0	9,702	3,063	0	0	0	0	0	0	12,766	-8,636	-209%
	2040 - D 	0	0	0	0	11,355	9,604	0	0	0	0	0	0	20,960	-16,830	-408%
	2040 - E 	0	0	0	0	5,332	19,957	372	0	0	0	0	0	25,660	-21,531	-521%
09126500	Cimarron River At Cimarron															
	Historical 	0	0	0	993	4,219	7,859	3,014	511	0	0	0	0	16,596	N/A	N/A
	2040 - A 	0	0	0	1,384	6,923	1,496	0	0	0	0	0	0	9,803	6,793	41%
	2040 - B 	0	0	0	1,208	9,236	7,840	0	0	0	0	0	0	18,285	-1,689	-10%
	2040 - C 	0	0	0	2,212	11,408	3,789	0	0	0	0	0	0	17,409	-813	-5%
	2040 - D 	0	0	0	2,192	15,004	9,590	0	0	0	0	0	0	26,786	-10,190	-61%
	2040 - E 	49	0	0	2,174	11,848	19,133	1,829	395	0	0	0	0	35,428	-18,832	-113%
09128000	Gunnison River Below Gunnison Tunnel															
	Historical 	43,815	40,299	48,605	86,630	57,360	56,504	42,530	40,091	37,332	54,014	48,872	41,781	597,832	N/A	N/A
	2040 - A 	18,809	17,767	28,069	68,027	72,387	22,383	0	305	1,836	2,702	3,746	2,023	238,054	359,778	60%
	2040 - B 	35,916	34,395	44,271	84,810	96,707	79,661	847	3,526	7,266	13,311	14,853	10,133	425,697	172,136	29%
	2040 - C 	32,426	30,898	42,350	94,174	123,049	46,869	0	1,262	6,313	8,404	8,757	5,231	399,734	198,098	33%
	2040 - D 	42,865	41,387	52,041	103,978	144,990	94,432	407	5,533	10,171	14,663	17,087	11,926	539,482	58,351	10%
	2040 - E 	63,065	59,377	73,002	128,399	112,533	161,144	16,648	24,213	25,070	33,480	32,470	25,283	754,684	-156,852	-26%

Table F2. 2040 Gunnison River Basin Average Monthly Water Available to Meet Future Demands (cont.)



















2040 Climate Projections		Average Monthly Water Available to Meet Future Demands (AF)													Reduction in Avg Annual Water Available	
USGS #	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	AF	Percent
Model																
09136200	Gunnison River Near Lazear															
	Historical 	59,893	54,379	67,200	139,171	215,624	172,594	84,202	51,161	51,852	70,375	75,517	61,258	1,103,227	N/A	N/A
	2040 - A 	27,579	26,614	40,579	120,218	210,902	84,363	20,909	6,316	10,180	9,410	20,739	12,289	590,097	513,130	47%
	2040 - B 	48,403	46,551	63,323	143,297	265,742	182,712	33,009	13,537	19,328	24,832	35,967	24,987	901,688	201,539	18%
	2040 - C 	45,705	43,073	60,244	156,706	294,773	126,310	26,116	9,225	17,125	19,378	29,921	19,674	848,251	254,977	23%
	2040 - D 	58,969	57,600	74,605	170,400	344,748	206,108	36,078	16,449	23,243	27,883	40,944	29,952	1,086,979	16,249	1%
	2040 - E 	81,601	76,067	96,047	196,629	311,896	304,396	68,687	36,817	40,953	50,667	60,512	46,908	1,371,181	-267,954	-24%
09149500	Uncompahgre River At Delta															
	Historical 	10,567	9,276	9,378	10,819	26,239	43,086	21,186	15,278	14,028	15,096	15,150	12,420	202,522	N/A	N/A
	2040 - A 	5,922	5,280	4,571	6,768	16,517	9,936	4,011	4,893	6,958	4,970	9,137	6,134	85,096	117,426	58%
	2040 - B 	7,960	7,583	8,430	9,832	25,682	27,448	10,067	8,728	10,451	8,412	11,142	8,890	144,626	57,897	29%
	2040 - C 	8,395	7,656	8,099	10,364	25,886	14,819	6,944	7,661	10,408	7,767	11,047	8,398	127,445	75,077	37%
	2040 - D 	9,687	9,302	10,242	12,216	32,664	31,400	11,732	10,328	11,771	9,634	12,478	10,183	171,638	30,884	15%
	2040 - E 	11,489	10,458	11,253	14,638	34,716	53,490	24,616	15,631	15,169	13,678	15,402	12,989	233,530	-31,007	-15%
09152500	Gunnison River Near Grand Junction															
	Historical 	60,530	55,284	71,086	153,002	268,492	219,102	101,529	60,656	57,978	74,751	78,438	61,707	1,262,554	N/A	N/A
	2040 - A 	27,632	26,900	44,573	125,947	227,578	97,496	22,376	7,818	12,025	9,821	21,258	12,289	635,713	626,841	50%
	2040 - B 	48,717	47,138	68,247	159,234	312,964	217,169	40,911	18,600	23,815	25,903	36,918	25,013	1,024,629	237,925	19%
	2040 - C 	46,110	43,911	66,197	169,622	329,249	147,817	29,716	13,071	21,219	20,472	30,970	19,726	938,081	324,473	26%
	2040 - D 	59,691	59,369	82,169	189,147	400,342	247,060	44,463	22,176	28,238	29,746	42,809	30,216	1,235,426	27,128	2%
	2040 - E 	83,004	77,871	103,698	218,409	379,828	365,857	89,718	48,271	49,302	55,283	64,838	48,574	1,584,653	-322,099	-26%

Table F3. 2040 San Juan/Dolores River Basin Average Monthly Water Available to Meet Future Demands































2040 Climate Projections		Average Monthly Water Available to Meet Future Demands (AF)*													Reduction*** in Avg Annual Water Available	
USGS #	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	AF	Percent
Model																
09171100	Dolores River Near Bedrock															
	Historical 	239	960	6,189	36,710	50,786	31,070	1,974	1,285	160	418	82	127	129,999	N/A	N/A
	2040 - A 	237	160	1,788	8,606	3,101	430	4	246	277	37	77	137	15,101	114,899	88%
	2040 - B 	318	664	5,045	26,973	27,524	13,064	289	380	116	105	84	171	74,733	55,267	43%
	2040 - C 	469	657	4,492	25,234	24,663	5,564	193	1,119	288	107	107	211	63,103	66,897	51%
	2040 - D 	610	1,192	6,506	35,934	49,090	22,525	477	659	169	293	120	299	117,873	12,126	9%
	2040 - E 	556	1,429	8,485	49,571	80,121	44,549	2,747	825	234	344	292	539	189,693	-59,693	-46%
09175500	San Miguel River At Naturita															
	Historical 	4,914	5,127	7,987	36,331	51,899	45,238	21,367	9,111	5,393	6,772	5,891	5,012	205,043	N/A	N/A
	2040 - A 	4,013	4,499	6,766	30,523	26,013	10,191	3,294	2,195	2,832	2,507	3,975	3,549	100,358	104,685	51%
	2040 - B 	4,157	4,588	7,832	36,557	47,435	31,139	9,029	3,535	2,705	3,311	4,312	4,035	158,635	46,408	23%
	2040 - C 	4,908	5,358	8,495	39,793	43,705	20,021	6,174	4,472	3,992	3,911	4,882	4,336	150,047	54,996	27%
	2040 - D 	5,091	6,053	9,395	42,092	54,778	35,020	10,631	4,456	3,546	4,134	5,102	4,769	185,069	19,974	10%
	2040 - E 	5,745	6,051	9,817	44,440	61,559	52,982	24,104	8,475	6,065	6,052	6,493	5,803	237,587	-32,544	-16%
09346400	San Juan River Near Carracas															
	Historical 	8,932	10,044	29,416	56,643	94,348	90,219	31,080	19,383	14,774	14,531	11,524	9,293	390,186	N/A	N/A
	2040 - A 	7,591	10,299	35,283	63,565	80,405	40,240	5,352	4,604	6,877	6,899	7,161	6,710	274,985	115,200	30%
	2040 - B 	6,574	8,875	32,100	64,109	106,816	79,461	14,352	7,954	7,271	7,248	7,009	6,146	347,914	42,272	11%
	2040 - C 	9,119	12,929	42,128	78,484	122,844	69,962	9,807	7,708	9,547	9,264	8,665	7,916	388,373	1,813	0%
	2040 - D 	10,022	14,238	44,195	78,923	129,501	88,267	16,870	9,893	8,948	9,018	9,184	8,629	427,688	-37,502	-10%
	2040 - E 	11,354	13,781	41,156	74,254	122,034	116,749	33,631	19,620	15,359	14,929	12,226	10,748	485,840	-95,655	-25%
09349800	Piedra River Near Arboles															
	Historical 	1,824	2,643	12,772	46,770	69,500	52,924	13,527	7,877	8,118	6,883	4,477	2,538	229,852	N/A	N/A
	2040 - A 	1,027	2,504	12,654	46,703	53,792	18,436	735	598	2,759	1,999	1,592	1,056	143,855	85,997	37%
	2040 - B 	662	1,842	12,656	49,010	72,214	40,948	4,326	1,615	2,733	1,951	1,454	832	190,243	39,609	17%
	2040 - C 	1,749	3,971	18,607	59,717	80,586	34,462	2,284	1,768	4,655	3,295	2,405	1,533	215,032	14,820	6%
	2040 - D 	2,181	4,573	20,735	61,507	86,222	47,386	5,763	2,613	3,915	3,118	2,713	1,812	242,538	-12,686	-6%
	2040 - E 	3,068	4,675	20,886	61,762	86,319	65,167	15,192	8,627	8,829	7,276	4,900	3,190	289,891	-60,040	-26%
09354500	Los Pinos River At La Boca															
	Historical 	5,128	9,091	14,918	23,718	10,694	32,106	13,801	8,893	7,729	23,753	6,920	5,758	162,510	N/A	N/A
	2040 - A 	1,717	3,490	7,936	7,619	16,886	15,302	5,750	5,340	4,437	3,200	1,938	1,567	75,182	87,328	54%
	2040 - B 	2,013	3,380	11,326	14,376	16,528	31,636	7,595	6,867	5,683	4,724	2,561	2,010	108,699	53,811	33%
	2040 - C 	2,591	5,752	14,103	18,534	22,450	26,632	7,067	6,795	5,739	6,186	3,005	2,234	121,088	41,421	25%
	2040 - D 	3,272	7,719	17,671	24,022	18,638	37,540	8,249	7,817	6,752	6,876	3,398	2,900	144,855	17,654	11%
	2040 - E 	5,832	10,877	21,704	34,311	12,005	44,983	14,505	9,769	8,111	20,133	7,352	6,052	195,635	-33,125	-20%

Table F3. 2040 San Juan/Dolores River Basin Average Monthly Water Available to Meet Future Demands (cont.)











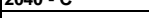

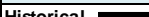

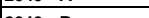
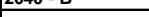




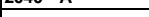




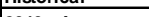

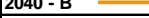


2040 Climate Projections		Average Monthly Water Available to Meet Future Demands (AF)													Reduction in Avg Annual Water Available	
USGS #	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	AF	Percent
Model																
09363200	Florida River At Bondad															
	Historical 	523	906	3,216	5,430	10,581	7,886	1,047	814	1,254	1,624	1,368	736	35,385	N/A	N/A
	2040 - A 	74	771	2,975	3,864	6,666	3,229	612	763	1,154	537	208	63	20,916	14,469	41%
	2040 - B 	102	618	3,933	5,462	10,235	6,419	994	883	1,371	707	284	115	31,124	4,261	12%
	2040 - C 	228	1,565	4,939	5,629	10,500	5,267	965	956	1,411	840	473	217	32,991	2,394	7%
	2040 - D 	484	2,052	5,770	6,309	11,903	7,265	1,095	1,019	1,631	1,009	735	424	39,698	-4,313	-12%
	2040 - E 	1,059	1,742	5,800	7,011	12,537	9,889	1,211	1,035	1,784	1,787	1,726	1,135	46,717	-11,332	-32%
09363500	Animas River Near Cedar Hill, Nm															
	Historical 	15,250	14,883	27,076	55,814	144,698	164,134	66,096	32,284	27,314	23,536	19,591	16,789	607,466	N/A	N/A
	2040 - A 	11,637	13,231	28,930	68,388	135,867	62,289	13,711	8,344	11,736	9,694	11,127	11,172	386,125	221,341	36%
	2040 - B 	11,175	12,524	27,972	60,008	160,450	130,836	33,300	14,954	12,095	10,219	11,237	10,988	495,757	111,709	18%
	2040 - C 	13,909	16,415	34,859	74,287	179,566	100,832	22,662	15,004	17,679	14,596	14,369	13,517	517,698	89,768	15%
	2040 - D 	14,663	17,824	36,375	69,962	186,627	142,623	37,814	18,522	15,926	14,273	14,996	14,069	583,675	23,791	4%
	2040 - E 	17,583	18,016	35,364	67,603	170,355	192,155	71,034	35,804	27,932	23,975	20,559	18,175	698,554	-91,088	-15%
09365500	La Plata River At Hesperus															
	Historical 	22	33	537	2,765	797	253	0	65	17	172	191	80	4,932	N/A	N/A
	2040 - A 	5	40	914	4,044	92	0	0	0	3	48	52	19	5,217	-285	-6%
	2040 - B 	4	7	480	3,110	1,261	121	0	0	0	53	45	21	5,102	-170	-3%
	2040 - C 	11	48	826	4,809	1,163	0	0	4	7	72	83	37	7,060	-2,128	-43%
	2040 - D 	25	56	765	4,153	2,303	209	0	0	0	112	116	61	7,800	-2,868	-58%
	2040 - E 	60	83	774	3,587	1,711	776	0	9	37	170	230	143	7,578	-2,646	-54%
09366500	La Plata River At Colorado-New Mexico State Line															
	Historical 	840	1,004	2,362	5,529	2,555	1,900	839	464	307	453	995	901	18,149	N/A	N/A
	2040 - A 	538	698	1,728	4,205	484	943	598	503	306	300	563	531	11,396	6,753	37%
	2040 - B 	639	849	2,357	5,659	1,962	1,519	728	529	361	370	694	648	16,315	1,834	10%
	2040 - C 	698	1,037	2,723	6,224	1,620	1,244	704	534	318	346	750	696	16,893	1,256	7%
	2040 - D 	786	1,188	3,315	7,102	2,923	1,678	750	508	341	426	837	784	20,639	-2,490	-14%
	2040 - E 	948	1,247	3,318	7,843	3,938	2,553	859	423	369	455	1,069	988	24,010	-5,861	-32%
09371000	Mancos River Near Towaoc															
	Historical 	739	1,249	3,029	5,167	4,795	2,516	1,499	1,086	897	724	860	642	23,204	N/A	N/A
	2040 - A 	560	859	1,523	1,719	1,176	1,137	755	603	567	429	593	490	10,410	12,793	55%
	2040 - B 	725	1,331	3,504	4,616	3,770	1,803	1,215	896	706	538	690	594	20,389	2,815	12%
	2040 - C 	743	1,427	3,188	4,200	3,756	1,653	1,136	835	719	538	722	579	19,497	3,706	16%
	2040 - D 	850	1,781	4,402	5,754	5,611	2,220	1,412	994	771	612	767	647	25,823	-2,619	-11%
	2040 - E 	919	1,624	4,312	7,347	7,685	3,340	1,680	1,175	959	740	903	725	31,409	-8,206	-35%

Table F4. 2040 Yampa River Basin Average Monthly Water Available to Meet Future Demands

2040 Climate Projections		Average Monthly Water Available to Meet Future Demands (AF)*												Reduction*** In Avg Annual Water Available		
USGS #	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	AF	Percent
Model																
09237500	Yampa River Below Stagecoach Reservoir															
	Historical	602	494	1,096	2,426	6,795	7,385	2,147	1,349	1,087	981	792	611	25,764	N/A	N/A
	2040 - A	66	57	1,426	5,662	6,053	2,856	62	163	285	272	131	58	17,090	8,673	34%
	2040 - B	184	91	826	2,431	6,817	6,517	632	764	750	686	414	257	20,370	5,394	21%
	2040 - C	159	90	1,080	5,689	8,982	4,981	97	589	676	591	343	177	23,454	2,309	9%
	2040 - D	437	345	1,458	4,978	11,219	8,712	602	842	917	855	647	489	31,501	-5,737	-22%
	2040 - E	698	602	1,627	4,494	9,944	10,759	2,297	1,331	1,183	1,102	994	741	35,772	-10,009	-39%
09241000	Elk River At Clark															
	Historical	146	95	1,448	11,265	59,448	71,781	20,829	1,659	326	635	369	342	168,343	N/A	N/A
	2040 - A	40	73	9,522	37,745	85,674	44,606	862	0	0	0	19	22	178,563	-10,220	-6%
	2040 - B	55	21	3,009	17,333	75,000	73,024	8,763	0	60	22	171	93	177,551	-9,209	-5%
	2040 - C	128	41	4,753	30,970	99,337	57,381	836	0	119	63	216	123	193,966	-25,623	-15%
	2040 - D	383	385	4,000	18,847	95,856	81,639	8,691	8	119	376	603	463	211,370	-43,027	-26%
	2040 - E	372	286	3,026	15,368	74,660	83,785	19,210	838	339	730	768	695	200,077	-31,734	-19%
09245000	Elkhead Creek Near Elkhead															
	Historical	164	213	567	6,710	22,414	6,694	528	23	20	91	133	140	37,696	N/A	N/A
	2040 - A	45	214	2,253	11,205	17,925	1,659	2	0	0	5	34	38	33,380	4,316	11%
	2040 - B	163	212	919	8,962	24,199	5,092	125	0	0	34	84	90	39,880	-2,184	-6%
	2040 - C	153	260	1,235	11,625	23,182	2,535	17	0	0	33	69	56	39,166	-1,470	-4%
	2040 - D	221	403	1,116	11,145	30,816	5,702	78	0	1	64	109	154	49,808	-12,111	-32%
	2040 - E	197	272	873	8,968	27,292	7,671	440	23	21	90	148	162	46,158	-8,461	-22%
09249750	Williams Fork At Mouth, Near Hamilton															
	Historical	3,352	3,013	5,229	18,203	56,006	38,580	9,859	3,107	1,755	3,441	3,483	3,511	149,539	N/A	N/A
	2040 - A	2,664	3,013	9,106	27,664	50,188	19,027	614	139	347	1,332	2,468	2,522	119,084	30,455	20%
	2040 - B	2,873	2,829	6,248	22,752	61,254	35,734	4,434	1,089	783	2,171	2,769	2,961	145,899	3,639	2%
	2040 - C	3,100	3,076	7,791	27,708	60,356	24,951	964	629	737	2,165	2,858	2,946	137,281	12,257	8%
	2040 - D	3,664	4,233	8,596	29,374	74,855	38,641	4,214	1,145	1,012	2,843	3,372	3,541	175,491	-25,952	-17%
	2040 - E	3,745	3,634	6,920	23,955	67,710	44,575	9,189	2,544	1,614	3,334	3,780	3,999	174,998	-25,459	-17%
09251000	Yampa River Near Maybell															
	Historical	13,189	16,142	36,214	137,822	329,646	317,487	77,952	12,867	7,261	18,701	16,993	14,122	998,395	N/A	N/A
	2040 - A	10,227	16,160	60,762	215,473	318,734	182,200	4,409	367	1,612	7,165	12,045	10,252	839,406	158,989	16%
	2040 - B	11,668	15,186	43,326	173,803	358,576	310,461	34,116	3,132	3,649	12,454	14,432	12,486	993,288	5,107	1%
	2040 - C	12,194	16,168	50,628	216,918	388,270	241,338	5,924	1,597	3,700	12,325	14,728	12,157	975,945	22,450	2%
	2040 - D	15,246	23,092	60,763	227,296	457,408	352,619	33,658	3,257	4,760	16,594	18,326	15,303	1,228,321	-229,926	-23%
	2040 - E	15,119	19,588	48,420	184,773	408,684	378,788	73,491	9,286	7,093	19,160	19,691	16,694	1,200,787	-202,393	-20%
09260000	Little Snake River Near Lily															
	Historical	5,235	7,301	21,999	54,403	144,786	109,592	19,372	2,102	2,207	5,790	6,697	5,815	385,301	N/A	N/A
	2040 - A	4,476	7,188	37,019	84,895	110,854	35,706	3,629	931	703	2,403	5,165	4,597	297,567	87,733	23%
	2040 - B	5,064	7,465	26,504	66,591	148,321	91,445	9,575	1,520	1,348	4,169	6,171	5,575	373,749	11,551	3%
	2040 - C	5,144	7,497	30,077	85,119	145,286	55,912	4,842	1,411	1,303	3,821	6,021	5,290	351,723	33,577	9%
	2040 - D	6,450	10,514	34,854	85,294	189,890	105,706	10,576	2,048	1,970	5,838	7,660	6,760	467,562	-82,261	-21%
	2040 - E	5,992	8,705	28,837	71,112	179,671	133,285	19,331	2,402	2,345	5,927	7,562	6,776	471,945	-86,644	-22%
09260050	Yampa River At Deerlodge Park															
	Historical	18,705	24,090	61,020	197,171	472,447	437,107	104,118	17,965	12,135	25,565	24,543	20,497	1,415,362	N/A	N/A
	2040 - A	14,896	23,735	100,195	305,763	426,031	224,787	9,689	3,390	4,309	10,403	18,072	15,393	1,156,664	258,698	18%
	2040 - B	17,065	23,302	72,391	244,900	504,102	411,952	48,154	7,404	7,584	17,851	21,622	18,751	1,395,078	20,284	1%
	2040 - C	17,589	24,205	83,297	306,825	529,703	306,024	12,595	5,603	7,270	17,156	21,685	18,031	1,349,982	65,380	5%
	2040 - D	22,102	34,579	99,346	317,407	643,665	470,062	48,733	8,491	9,822	24,009	27,187	22,884	1,728,287	-312,925	-22%
	2040 - E	21,452	29,064	80,761	261,297	585,919	524,250	99,688	14,877	12,302	26,282	28,221	24,130	1,708,243	-292,881	-21%

Table F5. 2040 White River Basin Average Monthly Water Available to Meet Future Demands

2040 Climate Projections		Average Monthly Water Available to Meet Future Demands (AF)*													Reduction*** in Avg Annual Water Available	
USGS #	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	AF	Percent
Model																
09303000	North Fork White River At Buford, Co															
	Historical	0	0	64	3,016	37,817	40,667	9,886	981	344	416	0	0	93,190	N/A	N/A
	2040 - A	0	0	964	10,723	48,321	22,988	170	0	0	0	0	0	83,166	10,024	11%
	2040 - B	0	23	182	5,778	47,634	41,447	3,680	0	0	0	0	0	98,743	-5,553	-6%
	2040 - C	0	0	490	10,049	58,377	31,184	450	0	0	0	0	0	100,549	-7,360	-8%
	2040 - D	16	171	1,314	10,644	61,865	45,799	3,445	0	0	0	0	0	123,254	-30,064	-32%
	2040 - E	0	58	766	7,705	47,399	49,215	9,908	878	315	575	0	0	116,818	-23,629	-25%
09304000	South Fork White River At Buford															
	Historical	0	0	64	1,806	30,977	51,514	9,394	786	269	361	0	0	95,171	N/A	N/A
	2040 - A	0	0	581	7,487	42,139	26,523	170	0	0	0	0	0	76,900	18,272	19%
	2040 - B	0	23	108	3,408	39,570	51,612	3,676	0	0	0	0	0	98,397	-3,225	-3%
	2040 - C	0	0	340	6,739	50,499	36,763	605	0	0	0	0	0	94,947	225	0%
	2040 - D	15	113	735	5,818	51,714	55,878	3,476	0	0	0	0	0	117,750	-22,578	-24%
	2040 - E	0	58	575	4,680	38,892	61,464	9,375	641	279	457	0	0	116,420	-21,248	-22%
09304800	White River Below Meeker															
	Historical	0	0	64	4,363	57,439	82,062	15,494	1,027	344	416	0	0	161,208	N/A	N/A
	2040 - A	0	0	964	10,761	50,942	34,593	170	0	0	0	0	0	97,429	63,779	40%
	2040 - B	0	23	188	6,790	63,965	78,447	5,459	0	0	0	0	0	154,871	6,337	4%
	2040 - C	0	0	490	10,741	66,280	52,276	641	0	0	0	0	0	130,427	30,781	19%
	2040 - D	16	231	1,921	13,682	88,790	90,532	5,460	0	0	0	0	0	200,631	-39,423	-24%
	2040 - E	0	58	1,037	10,649	78,656	103,712	16,573	1,001	315	578	0	0	212,578	-51,370	-32%
09306222	Piceance Creek At White River															
	Historical	0	0	64	1,536	4,072	2,022	1,083	364	112	274	0	0	9,527	N/A	N/A
	2040 - A	0	0	492	1,782	968	289	10	0	0	0	0	0	3,540	5,987	63%
	2040 - B	0	16	173	2,229	3,088	1,100	303	0	0	0	0	0	6,908	2,619	27%
	2040 - C	0	0	394	2,374	1,644	507	31	0	0	0	0	0	4,949	4,579	48%
	2040 - D	16	91	973	3,352	3,932	1,549	450	0	0	0	0	0	10,362	-835	-9%
	2040 - E	0	51	686	3,208	5,105	2,651	1,439	383	131	304	0	0	13,958	-4,430	-46%
09306395	White River Near Colorado-Utah State Line															
	Historical	21,497	22,783	29,804	41,284	100,168	123,533	49,998	26,537	24,868	26,208	22,642	20,918	510,239	N/A	N/A
	2040 - A	14,238	16,646	29,926	47,191	92,098	68,880	8,265	3,618	9,222	12,881	14,604	13,281	330,851	179,388	35%
	2040 - B	17,036	19,056	28,623	44,570	106,123	118,268	30,143	13,025	15,185	18,122	17,384	16,228	443,761	66,478	13%
	2040 - C	17,014	19,089	30,376	48,756	108,018	88,569	12,495	6,948	12,050	16,727	17,030	15,711	392,784	117,455	23%
	2040 - D	20,342	24,271	36,419	54,820	131,197	131,419	30,557	13,742	16,735	20,542	19,760	18,759	518,562	-8,323	-2%
	2040 - E	22,970	25,250	34,815	51,876	122,287	146,190	51,805	23,565	23,238	25,460	23,285	22,081	572,822	-62,583	-12%

Table F6. 2070 Upper Colorado River Basin Average Monthly Water Available to Meet Future Demands

2070 Climate Projections		Average Monthly Water Available to Meet Future Demands (AF)													Reduction in Avg Annual Water Available	
USGS #	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	AF	Percent
Model																
09011000	Colorado River Near Grand Lake															
	Historical	0	0	0	0	627	7,265	2,020	419	110	44	0	0	10,485	N/A	N/A
	2070 - F	0	0	0	0	18,448	2,652	27	0	0	0	0	0	21,128	-10,643	-102%
	2070 - G	0	0	0	0	6,242	4,275	77	0	0	0	0	0	10,594	-109	-1%
	2070 - H	0	0	0	0	10,163	4,816	81	3	0	0	0	0	15,062	-4,577	-44%
	2070 - I	0	0	0	0	6,657	12,369	960	226	154	114	0	0	20,479	-9,994	-95%
	2070 - J	0	0	0	0	25,749	15,728	233	49	0	0	0	0	41,759	-31,274	-298%
09041500	Muddy Creek At Kremmling															
	Historical	0	0	20	1,279	16,929	17,259	2,953	1,078	1,479	236	19	0	41,252	N/A	N/A
	2070 - F	0	18	479	3,608	16,178	1,125	44	22	54	0	0	0	21,527	19,725	48%
	2070 - G	0	17	380	3,112	20,026	4,795	125	64	26	0	0	0	28,546	12,707	31%
	2070 - H	0	17	563	4,215	23,464	4,065	138	97	173	4	0	0	32,736	8,516	21%
	2070 - I	0	16	351	3,521	29,808	12,738	755	307	831	193	37	0	48,556	-7,304	-18%
	2070 - J	0	169	1,109	8,027	50,602	10,991	360	41	246	17	11	13	71,586	-30,334	-74%
09050700	Blue River Below Dillon															
	Historical	0	0	0	0	1,991	35,569	22,251	4,494	1,094	485	77	0	65,961	N/A	N/A
	2070 - F	0	0	8	0	16,844	7,603	1,182	210	54	0	0	0	25,902	40,059	61%
	2070 - G	0	0	7	0	8,334	16,692	2,694	431	26	0	0	0	28,185	37,776	57%
	2070 - H	0	0	80	0	17,201	18,895	3,553	503	124	32	0	0	40,388	25,573	39%
	2070 - I	0	11	124	0	13,688	35,691	12,817	2,930	823	388	153	0	66,626	-665	-1%
	2070 - J	0	0	101	0	32,439	36,199	6,135	716	156	89	0	0	75,835	-9,874	-15%
09057500	Blue River Below Green Mountain Reservoir															
	Historical	0	0	36	261	2,071	48,535	44,921	10,308	3,773	2,142	298	0	112,345	N/A	N/A
	2070 - F	0	191	2,116	741	19,740	12,384	2,051	210	54	0	0	0	37,487	74,858	67%
	2070 - G	0	245	1,984	805	9,176	26,350	4,694	638	26	0	0	0	43,919	68,426	61%
	2070 - H	0	276	3,617	855	19,368	31,673	5,904	772	298	32	0	0	62,794	49,551	44%
	2070 - I	0	150	2,119	923	14,534	55,417	26,410	5,665	2,317	1,703	473	0	109,712	2,633	2%
	2070 - J	0	871	6,913	1,239	39,523	60,452	12,842	1,383	597	234	77	39	124,171	-11,826	-11%
09070000	Eagle River Below Gypsum															
	Historical	0	0	36	3,424	63,583	120,156	44,764	9,103	3,000	2,042	298	0	246,407	N/A	N/A
	2070 - F	0	306	3,113	27,596	71,444	23,163	1,921	210	54	0	0	0	127,807	118,600	48%
	2070 - G	266	2,376	20,169	70,520	53,929	5,013	493	26	0	0	0	0	152,792	93,615	38%
	2070 - H	0	342	4,624	26,055	84,711	53,280	5,862	553	298	32	0	0	175,758	70,649	29%
	2070 - I	0	150	2,097	17,678	88,432	95,322	22,789	4,068	1,716	1,603	473	0	234,327	12,079	5%
	2070 - J	0	902	9,159	32,916	132,675	88,549	11,461	1,008	573	234	77	39	277,594	-31,188	-13%
09070500	Colorado River At Dotsero															
	Historical	0	0	36	5,805	128,999	286,306	108,373	16,675	4,968	2,348	298	0	553,808	N/A	N/A
	2070 - F	0	427	4,372	56,247	188,423	52,149	2,206	210	54	0	0	0	304,087	249,721	45%
	2070 - G	0	266	3,380	36,526	166,683	130,733	8,158	638	26	0	0	0	346,411	207,397	37%
	2070 - H	0	660	6,295	50,560	220,626	135,720	8,862	772	298	32	0	0	423,825	129,983	23%
	2070 - I	0	150	2,714	29,458	230,267	273,380	49,036	8,284	3,779	1,898	473	0	599,440	-45,632	-8%
	2070 - J	0	1,477	14,118	72,911	436,682	291,885	21,010	1,621	703	234	77	39	840,758	-286,950	-52%

Table F6. 2070 Upper Colorado River Basin Average Monthly Water Available to Meet Future Demands (cont.)

2070 Climate Projections		Average Monthly Water Available to Meet Future Demands (AF)													Reduction in Avg Annual Water Available	
USGS #	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	AF	Percent
Model																
09073400	Roaring Fork River Near Aspen															
	Historical	21	12	27	910	8,961	2,488	1,399	1,095	993	698	246	98	16,947	N/A	N/A
	2070 - F	10	7	114	3,300	34,305	1,485	0	5	120	58	16	15	39,435	-22,489	-133%
	2070 - G	14	9	98	2,085	19,175	4,011	0	60	187	133	42	29	25,842	-8,895	-52%
	2070 - H	14	12	94	2,524	25,741	4,493	0	43	219	182	61	34	33,417	-16,470	-97%
	2070 - I	15	8	47	1,636	18,913	5,405	32	407	510	369	120	56	27,518	-10,571	-62%
	2070 - J	11	17	119	2,080	34,596	8,720	0	90	233	141	41	29	46,079	-29,133	-172%
09085000	Roaring Fork River At Glenwood															
	Historical	23,435	20,637	26,348	46,486	128,784	222,117	121,927	40,054	40,393	44,311	28,267	25,663	768,422	N/A	N/A
	2070 - F	17,314	17,618	26,387	68,880	270,997	85,361	2,898	589	6,312	19,876	19,104	18,152	553,488	214,934	28%
	2070 - G	19,546	19,413	28,220	61,990	202,093	161,594	17,262	2,586	8,414	25,109	21,978	20,456	588,660	179,762	23%
	2070 - H	20,943	21,137	30,497	69,869	246,197	165,798	17,680	2,831	11,041	28,005	23,420	21,793	659,210	109,212	14%
	2070 - I	22,041	20,241	28,028	59,292	205,241	216,309	56,102	10,708	21,047	34,831	25,619	23,573	723,031	45,390	6%
	2070 - J	22,315	22,620	34,335	76,279	323,292	234,108	31,130	4,246	11,134	28,145	23,876	22,878	834,358	-65,936	-9%
09095500	Colorado River Near Cameo															
	Historical	43,383	42,564	59,677	110,756	355,098	580,608	227,538	54,327	54,140	94,283	58,945	47,905	1,729,225	N/A	N/A
	2070 - F	28,088	37,082	62,784	126,125	461,930	144,714	3,498	589	7,197	30,529	29,353	28,119	960,009	769,216	44%
	2070 - G	33,321	42,398	71,330	132,962	420,271	330,722	23,118	2,705	9,643	38,578	34,590	31,560	1,171,199	558,026	32%
	2070 - H	36,652	49,806	83,087	147,934	516,113	336,196	22,680	3,041	13,762	44,380	38,844	34,951	1,327,447	401,778	23%
	2070 - I	42,518	46,896	73,997	138,795	512,228	544,367	94,315	16,399	28,011	67,273	53,057	44,693	1,662,549	66,676	4%
	2070 - J	46,603	60,438	104,359	207,032	850,866	591,316	46,319	5,353	13,361	48,516	46,343	43,520	2,064,026	-334,801	-19%
09105000	Plateau Creek Near Cameo															
	Historical	3,486	3,374	5,299	10,255	33,192	29,528	8,524	4,343	4,262	5,997	4,876	3,933	117,070	N/A	N/A
	2070 - F	3,282	4,122	7,542	8,708	8,667	4,437	533	419	837	3,315	3,554	3,196	48,612	68,458	58%
	2070 - G	4,138	4,794	8,036	10,788	18,009	9,900	2,492	865	1,144	4,439	4,342	3,956	72,902	44,167	38%
	2070 - H	4,288	5,710	9,013	12,313	18,049	9,307	2,466	844	1,506	4,746	4,408	4,079	76,729	40,340	34%
	2070 - I	3,747	4,196	7,409	12,919	26,479	15,461	4,686	2,038	2,869	5,189	4,616	3,956	93,565	23,504	20%
	2070 - J	4,685	7,064	12,335	17,909	29,339	13,767	3,896	1,422	1,657	4,701	4,663	4,297	105,735	11,335	10%
09163500	Colorado River Near Colorado-Utah State Line															
	Historical	185,911	177,020	224,001	328,074	773,211	978,497	458,208	228,036	224,411	255,129	213,537	194,820	4,240,855	N/A	N/A
	2070 - F	165,101	176,423	250,240	399,116	835,908	329,493	101,524	111,781	132,702	161,953	167,265	164,183	2,995,689	1,245,165	29%
	2070 - G	178,134	185,633	261,618	386,316	795,495	584,151	148,293	128,447	148,229	181,325	177,679	173,726	3,349,045	891,809	21%
	2070 - H	187,940	206,066	288,902	443,634	954,933	610,877	151,329	133,741	160,897	195,454	187,218	182,947	3,703,937	536,918	13%
	2070 - I	184,121	186,185	257,504	400,177	956,840	880,326	256,119	166,402	185,328	216,252	199,838	188,835	4,077,926	162,929	4%
	2070 - J	200,365	227,341	342,300	540,999	1,386,364	936,734	190,686	148,967	166,602	195,696	196,103	193,432	4,725,589	-484,734	-11%

Table F7. 2070 Gunnison River Basin Average Monthly Water Available to Meet Future Demands



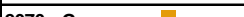


















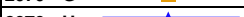














2070 Climate Projections		Average Monthly Water Available to Meet Future Demands (AF)*													Reduction*** in Avg Annual Water Available	
USGS #	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	AF	Percent
Model																
09110000	Taylor River At Almont															
	Historical 	0	0	0	0	420	1,175	3,661	0	0	0	0	0	5,256	N/A	N/A
	2070 - F 	0	0	0	585	17,264	0	0	0	0	0	0	0	17,849	-12,593	-240%
	2070 - G 	0	0	0	0	5,973	4,163	0	0	0	0	0	0	10,137	-4,881	-93%
	2070 - H 	0	0	0	418	15,527	4,775	0	0	0	0	0	0	20,721	-15,465	-294%
	2070 - I 	0	0	0	0	6,994	9,683	0	0	0	0	0	0	16,678	-11,422	-217%
	2070 - J 	0	0	0	15	26,502	14,213	0	0	0	0	0	0	40,730	-35,474	-675%
09112500	East River At Almont															
	Historical 	0	0	0	0	420	1,175	4,895	0	0	0	0	0	6,491	N/A	N/A
	2070 - F 	0	0	0	1,519	36,767	0	0	0	0	0	0	0	38,286	-31,796	-490%
	2070 - G 	0	0	0	0	10,328	5,594	0	0	0	0	0	0	15,922	-9,431	-145%
	2070 - H 	0	0	0	2,077	29,515	6,339	0	0	0	0	0	0	37,932	-31,441	-484%
	2070 - I 	0	0	0	0	10,988	12,159	0	0	0	0	0	0	23,147	-16,657	-257%
	2070 - J 	0	0	0	742	50,054	17,528	0	0	0	0	0	0	68,323	-61,833	-953%
09114500	Gunnison River Near Gunnison															
	Historical 	0	0	0	0	420	1,175	6,214	0	0	0	0	0	7,809	N/A	N/A
	2070 - F 	0	0	0	1,519	40,133	0	0	0	0	0	0	0	41,652	-33,843	-433%
	2070 - G 	0	0	0	0	10,980	7,347	0	0	0	0	0	0	18,327	-10,518	-135%
	2070 - H 	0	0	0	2,582	33,242	8,247	0	0	0	0	0	0	44,071	-36,262	-464%
	2070 - I 	0	0	0	0	14,387	14,293	0	0	0	0	0	0	28,680	-20,871	-267%
	2070 - J 	0	0	0	1,537	67,026	21,292	0	0	0	0	0	0	89,855	-82,046	-1051%
09119000	Tomichi Creek At Gunnison															
	Historical 	0	0	0	0	420	1,175	2,534	0	0	0	0	0	4,129	N/A	N/A
	2070 - F 	0	0	0	1,239	9,455	0	0	0	0	0	0	0	10,694	-6,565	-159%
	2070 - G 	0	0	0	0	6,353	2,156	0	0	0	0	0	0	8,509	-4,380	-106%
	2070 - H 	0	0	0	1,996	12,179	2,336	0	0	0	0	0	0	16,512	-12,383	-300%
	2070 - I 	0	0	0	0	8,632	6,626	0	0	0	0	0	0	15,258	-11,129	-270%
	2070 - J 	0	0	0	1,103	23,450	7,874	0	0	0	0	0	0	32,427	-28,297	-685%
09126500	Cimarron River At Cimarron															
	Historical 	0	0	0	993	4,219	7,859	3,014	511	0	0	0	0	16,596	N/A	N/A
	2070 - F 	0	0	0	1,988	8,117	102	0	0	0	0	0	0	10,207	6,389	38%
	2070 - G 	0	0	0	1,842	7,488	1,600	0	0	0	0	0	0	10,929	5,667	34%
	2070 - H 	0	0	0	3,899	11,819	2,179	0	0	0	0	0	0	17,897	-1,301	-8%
	2070 - I 	0	0	0	2,229	12,048	5,758	0	0	0	0	0	0	20,036	-3,440	-21%
	2070 - J 	0	0	0	4,421	19,025	4,112	0	0	0	0	0	0	27,558	-10,963	-66%
09128000	Gunnison River Below Gunnison Tunnel															
	Historical 	43,815	40,299	48,605	86,630	57,360	56,504	42,530	40,091	37,332	54,014	48,872	41,781	597,832	N/A	N/A
	2070 - F 	10,273	10,019	16,510	67,352	109,574	5,004	0	0	0	444	822	654	220,652	377,180	63%
	2070 - G 	23,239	22,031	33,378	77,775	83,668	25,907	7	23	614	2,485	2,920	1,711	273,758	324,074	54%
	2070 - H 	30,691	30,257	43,152	107,529	139,784	32,919	0	15	1,977	5,027	5,211	3,283	399,844	197,988	33%
	2070 - I 	36,671	35,204	47,408	101,090	125,347	65,022	0	4,607	8,083	12,325	14,134	9,935	459,826	138,006	23%
	2070 - J 	39,413	39,911	58,779	142,492	218,330	67,596	0	541	2,391	4,490	6,050	4,533	584,527	13,305	2%

Table F7. 2070 Gunnison River Basin Average Monthly Water Available to Meet Future Demands (cont.)














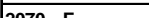
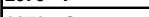



2070 Climate Projections		Average Monthly Water Available to Meet Future Demands (AF)													Reduction in Avg Annual Water Available	
USGS #	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	AF	Percent
Model																
09136200	Gunnison River Near Lazear															
	Historical 	59,893	54,379	67,200	139,171	215,624	172,594	84,202	51,161	51,852	70,375	75,517	61,258	1,103,227	N/A	N/A
	2070 - F 	22,237	22,615	29,319	118,223	246,131	45,128	17,241	4,323	7,007	7,497	18,331	13,492	551,542	551,685	50%
	2070 - G 	38,826	36,555	50,293	135,231	234,719	91,972	23,126	6,246	10,093	12,715	22,259	16,947	678,982	424,245	38%
	2070 - H 	48,332	47,937	65,962	175,925	316,024	103,437	25,906	6,999	12,460	16,259	25,771	20,310	865,323	237,905	22%
	2070 - I 	50,341	48,931	67,516	166,316	306,358	160,076	31,114	14,096	19,713	24,557	36,068	26,255	951,343	151,884	14%
	2070 - J 	58,385	61,517	90,982	234,400	458,661	168,364	35,693	9,179	14,858	16,806	29,629	23,676	1,202,150	-98,923	-9%
09149500	Uncompahgre River At Delta															
	Historical 	10,567	9,276	9,378	10,819	26,239	43,086	21,186	15,278	14,028	15,096	15,150	12,420	202,522	N/A	N/A
	2070 - F 	6,894	6,613	4,222	5,535	16,701	4,940	2,862	3,763	5,832	4,811	8,779	6,722	77,673	124,850	62%
	2070 - G 	8,647	7,863	6,533	6,756	17,376	9,680	4,725	5,247	8,103	6,817	9,382	7,868	98,997	103,525	51%
	2070 - H 	9,897	9,698	9,689	9,237	23,035	10,688	5,510	5,930	9,535	7,779	9,950	9,187	120,136	82,387	41%
	2070 - I 	8,262	7,983	8,611	10,696	26,197	21,462	9,583	8,798	10,510	8,305	11,011	9,025	140,442	62,080	31%
	2070 - J 	9,821	10,824	12,490	15,292	34,457	13,383	7,400	7,160	11,251	8,266	11,730	9,708	151,781	50,741	25%
09152500	Gunnison River Near Grand Junction															
	Historical 	60,530	55,284	71,086	153,002	268,492	219,102	101,529	60,656	57,978	74,751	78,438	61,707	1,262,554	N/A	N/A
	2070 - F 	22,739	23,804	34,159	120,645	260,758	52,558	17,477	5,176	8,002	8,116	19,218	13,614	586,267	676,287	54%
	2070 - G 	40,001	38,260	56,356	141,239	254,145	106,797	24,832	8,314	12,876	14,144	23,430	17,335	737,730	524,824	42%
	2070 - H 	49,936	51,528	75,390	184,492	341,545	120,266	27,802	9,441	15,681	17,998	27,247	21,228	942,555	319,999	25%
	2070 - I 	50,835	49,934	73,577	180,762	347,076	188,495	37,502	18,925	24,148	26,062	37,377	26,370	1,061,064	201,490	16%
	2070 - J 	60,053	67,458	108,077	255,525	503,036	193,224	38,937	12,644	19,005	18,345	31,519	24,158	1,331,980	-69,426	-5%

Table F8. 2070 San Juan/Dolores River Basin Average Monthly Water Available to Meet Future Demands

2070 Climate Projections		Average Monthly Water Available to Meet Future Demands (AF)*														Reduction*** in Avg Annual Water Available	
USGS #	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	AF	Percent	
Model																	
09171100	Dolores River Near Bedrock																
	Historical	239	960	6,189	36,710	50,786	31,070	1,974	1,285	160	418	82	127	129,999	N/A	N/A	
	2070 - F	650	520	2,221	7,179	1,898	160	0	268	215	213	91	242	13,656	116,344	89%	
	2070 - G	981	775	2,709	10,875	4,016	802	79	483	272	348	61	244	21,644	108,355	83%	
	2070 - H	1,125	901	4,133	18,879	13,291	1,549	68	358	469	289	43	328	41,434	88,566	68%	
	2070 - I	270	446	4,015	24,207	24,691	8,725	275	544	57	141	45	251	63,668	66,332	51%	
	2070 - J	1,303	1,608	6,400	33,747	32,477	4,719	143	583	110	136	105	469	81,799	48,200	37%	
09175500	San Miguel River At Naturita																
	Historical	4,914	5,127	7,987	36,331	51,899	45,238	21,367	9,111	5,393	6,772	5,891	5,012	205,043	N/A	N/A	
	2070 - F	4,977	5,876	6,996	29,623	20,541	3,614	2,054	1,812	1,987	2,856	3,873	3,943	88,153	116,890	57%	
	2070 - G	5,796	6,194	7,755	30,869	27,490	10,381	3,596	2,647	2,829	3,909	4,322	4,322	110,109	94,934	46%	
	2070 - H	6,346	7,400	9,402	37,989	33,194	11,969	3,632	2,563	3,430	4,340	4,362	4,721	129,347	75,696	37%	
	2070 - I	4,429	4,972	8,080	38,515	45,305	25,085	8,179	4,215	2,698	3,620	4,411	4,311	153,821	51,222	25%	
	2070 - J	5,917	8,187	12,021	49,019	48,392	18,079	4,678	3,032	2,216	2,982	4,605	4,734	163,863	41,180	20%	
09346400	San Juan River Near Carracas																
	Historical	8,932	10,044	29,416	56,643	94,348	90,219	31,080	19,383	14,774	14,531	11,524	9,293	390,186	N/A	N/A	
	2070 - F	11,184	16,473	46,023	77,065	91,702	24,824	2,594	3,861	6,116	6,692	7,792	8,835	303,161	87,025	22%	
	2070 - G	9,814	14,359	38,987	59,749	78,105	33,840	3,847	4,273	6,760	7,854	8,541	7,983	274,112	116,073	30%	
	2070 - H	13,567	22,302	54,707	80,482	102,068	41,008	4,740	4,518	6,827	11,818	12,753	10,290	365,079	25,107	6%	
	2070 - I	7,587	10,192	34,594	66,867	108,589	65,627	10,823	8,395	8,475	8,811	8,287	7,063	345,310	44,876	12%	
	2070 - J	13,244	22,315	65,258	101,664	135,376	56,012	6,186	5,344	6,873	6,752	7,577	9,303	435,904	-45,718	-12%	
09349800	Piedra River Near Arboles																
	Historical	1,824	2,643	12,772	46,770	69,500	52,924	13,527	7,877	8,118	6,883	4,477	2,538	229,852	N/A	N/A	
	2070 - F	2,519	5,261	17,862	53,772	57,906	9,768	10	436	2,239	2,056	2,176	1,753	155,758	74,094	32%	
	2070 - G	1,911	4,424	14,733	44,868	51,411	14,858	318	549	2,742	2,895	2,837	1,785	143,330	86,522	38%	
	2070 - H	3,755	8,015	22,668	60,939	68,605	19,678	554	585	2,841	5,371	5,348	3,154	201,513	28,339	12%	
	2070 - I	1,045	2,517	13,723	51,610	73,015	34,250	2,988	2,166	3,614	2,978	2,302	1,245	191,453	38,398	17%	
	2070 - J	3,352	8,014	29,004	73,406	89,515	27,781	986	820	2,659	1,837	1,859	1,581	240,814	-10,962	-5%	
09354500	Los Pinos River At La Boca																
	Historical	5,128	9,091	14,918	23,718	10,694	32,106	13,801	8,893	7,729	23,753	6,920	5,758	162,510	N/A	N/A	
	2070 - F	2,462	5,899	10,239	11,736	27,558	9,007	5,279	5,065	4,280	3,013	1,578	1,486	87,603	74,906	46%	
	2070 - G	2,315	5,862	9,682	9,463	17,848	13,989	5,633	5,358	4,560	3,542	2,209	1,761	82,222	80,288	49%	
	2070 - H	3,437	9,527	15,371	18,347	24,495	18,093	6,543	6,263	5,156	4,878	3,396	2,391	117,898	44,612	27%	
	2070 - I	2,022	4,629	12,075	15,335	18,201	27,799	7,056	6,838	5,803	5,457	2,777	2,015	110,006	52,504	32%	
	2070 - J	3,606	10,097	18,938	21,628	31,958	24,756	6,918	6,761	5,749	3,959	2,250	2,189	138,810	23,700	15%	
09363200	Florida River At Bondad																
	Historical	523	906	3,216	5,430	10,581	7,886	1,047	814	1,254	1,624	1,368	736	35,385	N/A	N/A	
	2070 - F	378	1,987	4,137	4,277	6,536	2,172	514	804	1,146	639	342	143	23,076	12,309	35%	
	2070 - G	326	2,146	3,708	3,692	6,536	3,135	660	805	1,193	840	520	149	23,711	11,674	33%	
	2070 - H	716	3,197	5,293	5,137	8,710	3,799	800	968	1,350	1,451	966	342	32,729	2,656	8%	
	2070 - I	119	893	3,923	4,987	9,942	5,511	913	872	1,357	809	367	132	29,827	5,558	16%	
	2070 - J	843	3,846	7,602	6,636	11,475	4,693	968	1,058	1,453	750	405	256	39,984	-4,600	-13%	

Table F8. 2070 San Juan/Dolores River Basin Average Monthly Water Available to Meet Future Demands (cont.)

































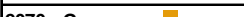





















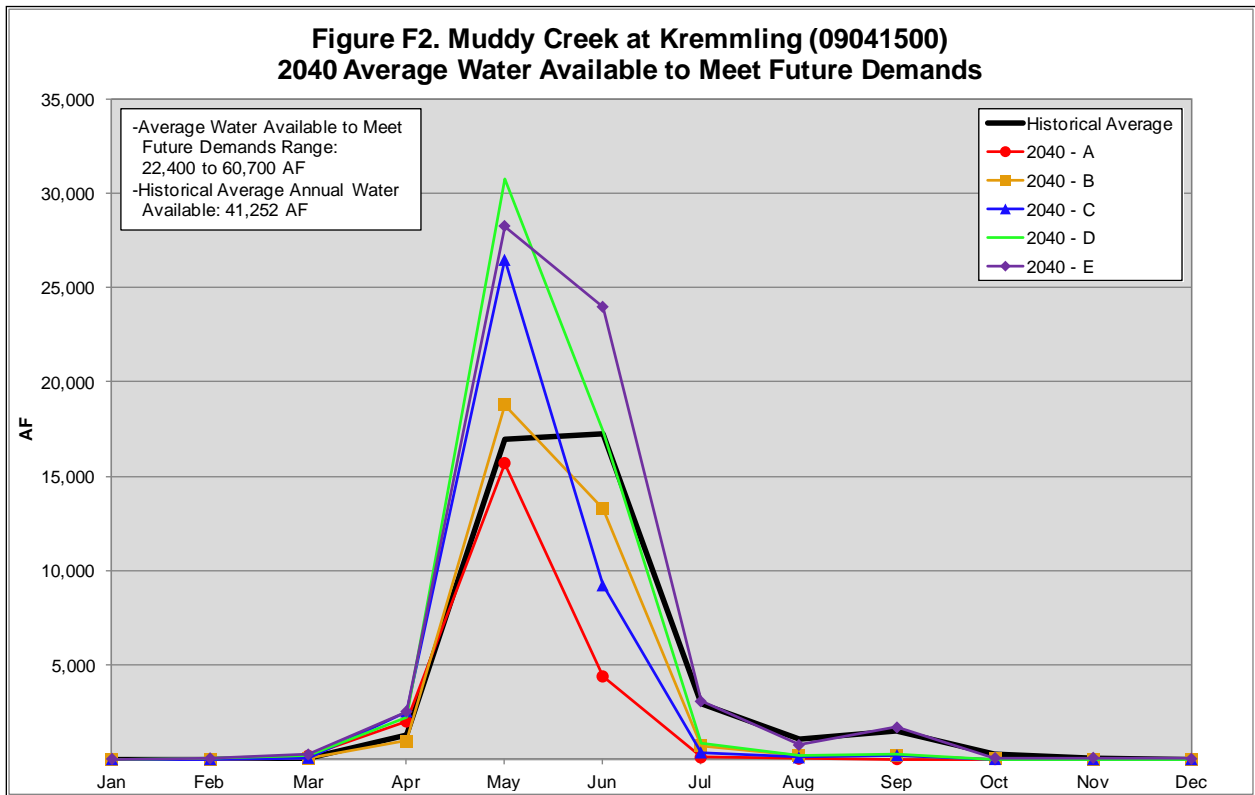
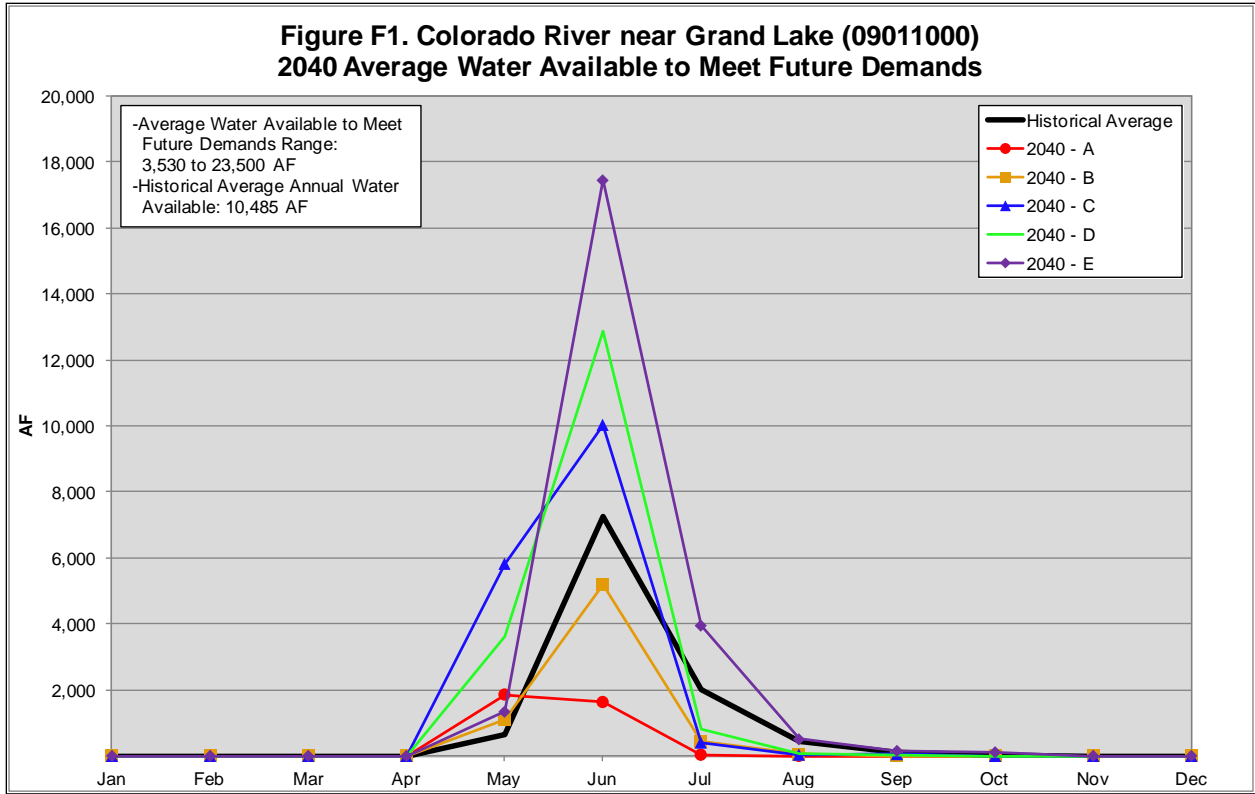
2070 Climate Projections		Average Monthly Water Available to Meet Future Demands (AF)													Reduction in Avg Annual Water Available	
USGS #	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	AF	Percent
Model																
09363500	Animas River Near Cedar Hill, Nm															
	Historical 	15,250	14,883	27,076	55,814	144,698	164,134	66,096	32,284	27,314	23,536	19,591	16,789	607,466	N/A	N/A
	2070 - F 	15,203	19,498	36,946	82,187	144,947	32,675	6,064	5,572	9,382	9,558	12,658	13,235	387,923	219,543	36%
	2070 - G 	16,017	20,078	34,913	68,451	134,646	59,112	12,327	8,508	11,981	13,011	15,447	14,668	409,160	198,306	33%
	2070 - H 	18,982	25,708	43,077	82,441	164,500	66,780	14,024	8,868	12,486	16,407	17,940	16,433	487,644	119,822	20%
	2070 - I 	12,255	13,669	29,792	66,563	170,452	111,221	28,223	16,494	13,703	12,159	13,204	12,272	500,007	107,459	18%
	2070 - J 	16,482	24,840	49,431	91,230	208,417	90,369	17,646	10,970	11,385	9,843	12,491	12,773	555,878	51,588	8%
09365500	La Plata River At Hesperus															
	Historical 	22	33	537	2,765	797	253	0	65	17	172	191	80	4,932	N/A	N/A
	2070 - F 	92	176	1,240	4,589	324	0	0	0	0	107	109	131	6,768	-1,836	-37%
	2070 - G 	108	189	1,104	4,321	345	0	0	0	0	148	141	161	6,518	-1,585	-32%
	2070 - H 	147	296	1,273	5,477	880	0	0	0	4	258	179	194	8,707	-3,775	-77%
	2070 - I 	11	17	603	3,972	1,036	0	0	0	0	83	74	41	5,835	-903	-18%
	2070 - J 	38	170	1,287	6,471	1,490	0	0	0	0	71	76	61	9,664	-4,732	-96%
09366500	La Plata River At Colorado-New Mexico State Line															
	Historical 	840	1,004	2,362	5,529	2,555	1,900	839	464	307	453	995	901	18,149	N/A	N/A
	2070 - F 	662	1,070	2,357	4,712	770	757	570	507	310	400	622	620	13,356	4,793	26%
	2070 - G 	695	1,127	2,340	4,500	766	923	608	511	307	464	697	664	13,602	4,547	25%
	2070 - H 	803	1,384	2,878	5,864	1,291	1,042	638	528	320	607	797	753	16,905	1,244	7%
	2070 - I 	627	818	2,084	5,247	1,439	1,281	696	513	344	378	680	638	14,745	3,404	19%
	2070 - J 	733	1,602	3,840	7,637	1,888	1,244	691	550	350	366	676	659	20,236	-2,087	-11%
09371000	Mancos River Near Towaoc															
	Historical 	739	1,249	3,029	5,167	4,795	2,516	1,499	1,086	897	724	860	642	23,204	N/A	N/A
	2070 - F 	758	1,411	2,197	2,205	1,358	1,114	635	591	565	514	640	538	12,526	10,678	46%
	2070 - G 	747	1,506	2,280	2,445	1,624	1,206	785	639	610	565	655	510	13,573	9,631	42%
	2070 - H 	832	1,686	3,137	3,800	2,508	1,450	934	691	642	625	678	544	17,527	5,677	24%
	2070 - I 	647	1,100	2,583	3,643	3,443	1,585	1,168	828	664	536	658	572	17,428	5,776	25%
	2070 - J 	979	2,320	4,677	5,373	3,957	1,722	1,118	787	667	518	678	613	23,409	-206	-1%

Table F9. 2070 Yampa River Basin Average Monthly Water Available to Meet Future Demands

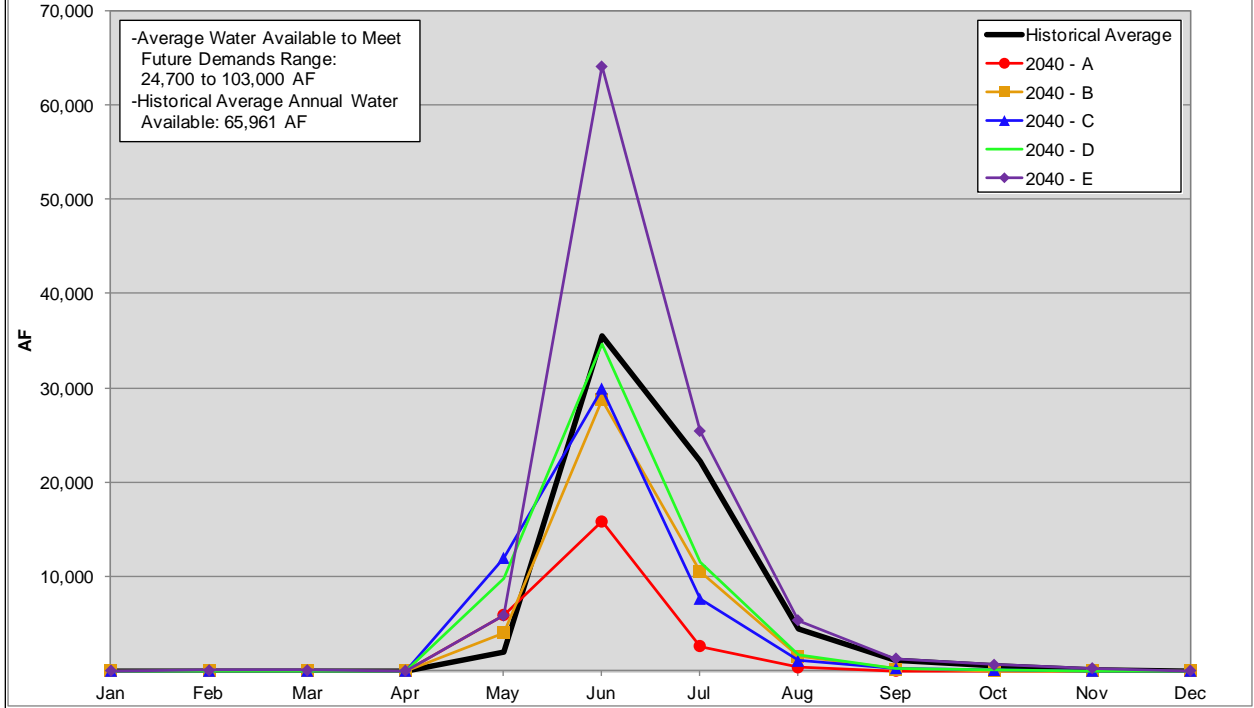
2070 Climate Projections		Average Monthly Water Available to Meet Future Demands (AF)*														Reduction*** in Avg Annual Water Available	
USGS #	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	AF	Percent	
Model																	
09237500	Yampa River Below Stagecoach Reservoir																
	Historical	602	494	1,096	2,426	6,795	7,385	2,147	1,349	1,087	981	792	611	25,764	N/A	N/A	
	2070 - F	132	241	2,311	12,128	8,278	625	0	69	75	123	148	81	24,211	1,552	6%	
	2070 - G	286	327	2,418	9,930	8,200	3,977	82	239	446	489	316	297	27,007	-1,243	-5%	
	2070 - H	316	552	2,972	11,635	9,536	3,316	51	283	454	440	262	230	30,046	-4,282	-17%	
	2070 - I	451	387	2,146	8,262	10,309	6,864	332	818	935	863	632	512	32,509	-6,745	-26%	
	2070 - J	670	1,304	7,875	21,031	17,787	7,854	152	695	772	890	689	545	60,265	-34,501	-134%	
09241000	Elk River At Clark																
	Historical	146	95	1,448	11,265	59,448	71,781	20,829	1,659	326	635	369	342	168,343	N/A	N/A	
	2070 - F	652	1,567	16,577	64,368	103,442	14,229	0	0	19	32	379	562	201,826	-33,483	-20%	
	2070 - G	980	1,466	16,192	44,901	97,578	48,655	691	0	15	135	543	792	211,947	-43,604	-26%	
	2070 - H	751	3,170	17,341	47,726	102,455	39,120	188	0	115	54	395	451	211,766	-43,424	-26%	
	2070 - I	564	692	8,325	31,132	97,548	66,157	4,787	0	247	612	932	832	211,828	-43,485	-26%	
	2070 - J	2,244	5,372	25,534	52,855	141,033	66,614	1,479	0	97	698	1,408	1,768	299,101	-130,759	-78%	
09245000	Elkhead Creek Near Elkhead																
	Historical	164	213	567	6,710	22,414	6,694	528	23	20	91	133	140	37,696	N/A	N/A	
	2070 - F	173	660	3,154	12,887	12,398	543	0	0	0	7	41	72	29,936	7,760	21%	
	2070 - G	298	872	3,160	13,216	20,112	1,986	11	0	0	33	79	94	39,862	-2,166	-6%	
	2070 - H	282	1,364	2,939	13,343	18,712	1,370	1	0	0	31	74	72	38,187	-491	-1%	
	2070 - I	255	537	1,855	12,762	25,349	3,697	53	1	3	77	113	156	44,859	-7,162	-19%	
	2070 - J	650	1,910	4,504	19,028	31,826	2,960	6	0	0	67	101	237	61,288	-23,592	-63%	
09249750	Williams Fork At Mouth, Near Hamilton																
	Historical	3,352	3,013	5,229	18,203	56,006	38,580	9,859	3,107	1,755	3,441	3,483	3,511	149,539	N/A	N/A	
	2070 - F	3,331	4,514	12,389	31,449	46,517	7,009	0	40	276	1,634	2,844	2,936	112,939	36,599	24%	
	2070 - G	4,103	5,225	14,451	32,390	56,717	22,810	872	203	478	2,122	3,096	3,558	146,025	3,513	2%	
	2070 - H	4,058	6,569	15,580	33,449	56,859	18,874	449	235	707	2,004	2,995	3,414	145,193	4,346	3%	
	2070 - I	3,791	4,449	10,507	31,113	65,487	31,096	2,793	1,100	1,036	2,763	3,328	3,699	161,162	-11,624	-8%	
	2070 - J	5,518	10,165	25,888	49,918	87,972	31,032	1,374	780	669	2,768	3,702	4,211	223,996	-74,457	-50%	
09251000	Yampa River Near Maybell																
	Historical	13,189	16,142	36,214	137,822	329,646	317,487	77,952	12,867	7,261	18,701	16,993	14,122	998,395	N/A	N/A	
	2070 - F	13,654	25,791	83,074	264,268	338,536	63,077	64	109	1,589	8,367	14,843	12,884	826,258	172,137	17%	
	2070 - G	16,987	28,442	91,476	257,404	363,945	202,644	4,632	597	2,185	11,240	16,256	15,461	1,011,268	-12,873	-1%	
	2070 - H	16,230	35,719	96,677	263,256	371,808	166,168	1,967	655	3,411	10,711	15,124	14,238	995,965	2,430	0%	
	2070 - I	15,992	24,576	72,955	251,417	410,860	286,370	20,202	3,314	5,275	16,682	18,477	16,429	1,142,549	-144,154	-14%	
	2070 - J	24,473	57,746	169,459	400,036	566,218	290,476	8,687	2,023	3,476	16,791	21,518	20,117	1,581,020	-582,625	-58%	
09260000	Little Snake River Near Lily																
	Historical	5,235	7,301	21,999	54,403	144,786	109,592	19,372	2,102	2,207	5,790	6,697	5,815	385,301	N/A	N/A	
	2070 - F	5,649	10,562	49,561	103,998	89,496	11,979	2,950	837	921	2,987	5,954	5,295	290,189	95,112	25%	
	2070 - G	7,065	11,579	51,398	99,946	128,165	45,474	4,806	1,534	1,104	3,974	6,733	6,471	368,251	17,050	4%	
	2070 - H	6,502	13,735	55,426	101,493	117,869	30,521	3,954	1,326	1,446	3,297	6,022	5,766	347,356	37,944	10%	
	2070 - I	6,514	10,520	42,469	97,812	160,450	76,255	7,914	1,876	1,979	5,241	7,235	6,789	425,056	-39,755	-10%	
	2070 - J	10,010	20,889	87,225	147,480	212,699	73,455	7,510	2,498	1,792	5,991	8,910	8,736	587,195	-201,895	-52%	
09260050	Yampa River At Deerlodge Park																
	Historical	18,705	24,090	61,020	197,171	472,447	437,107	104,118	17,965	12,135	25,565	24,543	20,497	1,415,362	N/A	N/A	
	2070 - F	19,477	36,800	135,879	371,528	423,317	78,337	3,669	2,708	4,508	12,162	21,696	18,684	1,128,766	286,596	20%	
	2070 - G	24,246	40,560	145,797	361,946	488,116	255,918	11,194	4,713	5,654	16,357	24,068	22,535	1,401,105	14,257	1%	
	2070 - H	22,881	49,696	155,587	368,343	485,132	203,443	7,233	4,399	7,244	14,932	22,103	20,518	1,361,513	53,849	4%	
	2070 - I	22,827	35,784	119,294	354,558	567,728	372,344	31,432	8,222	9,951	23,095	26,764	23,871	1,595,870	-180,508	-13%	
	2070 - J	34,846	79,574	261,687	553,466	773,402	375,390	18,677	8,133	8,553	24,395	31,800	29,699	2,199,620	-784,258	-55%	

Table F10. 2070 White River Basin Average Monthly Water Available to Meet Future Demands

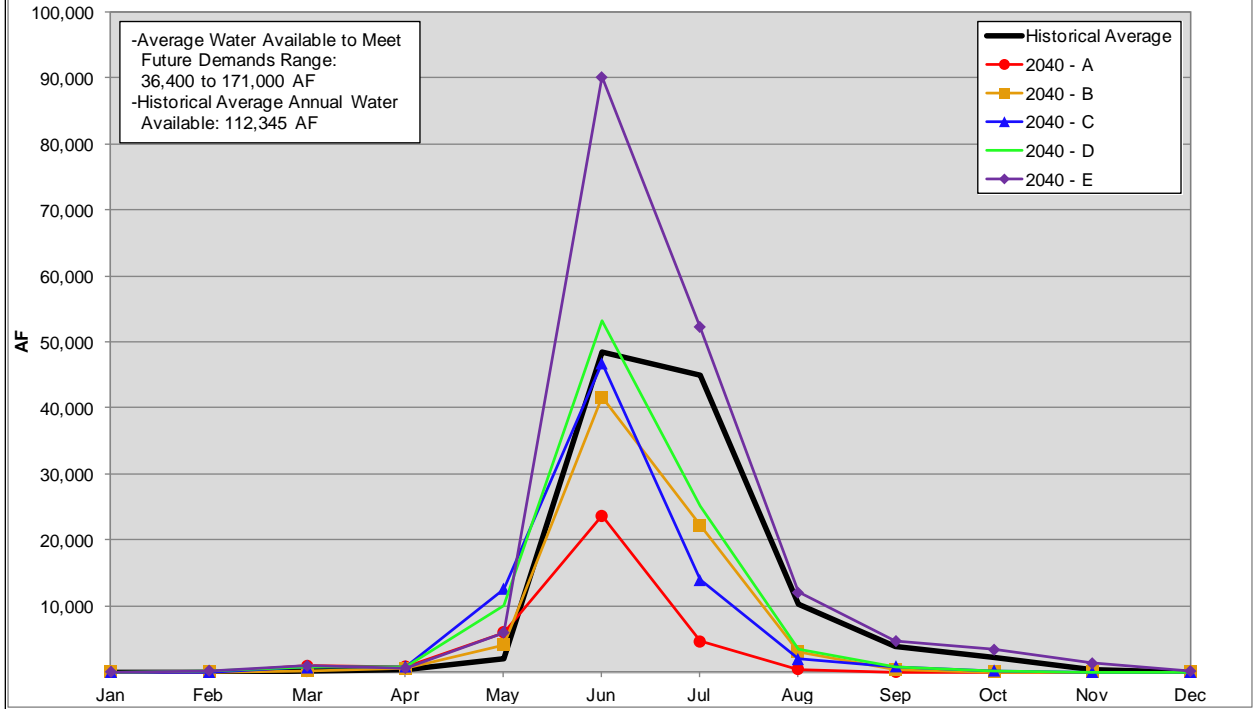
2070 Climate Projections		Average Monthly Water Available to Meet Future Demands (AF)*													Reduction*** in Avg Annual Water Available	
USGS #	Location Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	AF	Percent
Model																
09303000	North Fork White River At Buford, Co															
	Historical 	0	0	64	3,016	37,817	40,667	9,886	981	344	416	0	0	93,190	N/A	N/A
	2070 - F 	0	93	3,060	12,300	53,958	6,431	0	0	0	0	0	0	75,844	17,346	19%
	2070 - G 	62	564	5,617	16,676	57,721	29,527	512	0	0	0	0	0	110,678	-17,489	-19%
	2070 - H 	0	1,115	7,839	18,395	64,213	24,715	211	0	0	0	0	0	116,489	-23,299	-25%
	2070 - I 	0	257	2,169	13,047	60,117	38,166	1,711	0	0	0	0	0	115,467	-22,277	-24%
	2070 - J 	119	4,114	18,818	36,140	96,085	41,943	616	0	0	0	0	0	197,834	-104,644	-112%
09304000	South Fork White River At Buford															
	Historical 	0	0	64	1,806	30,977	51,514	9,394	786	269	361	0	0	95,171	N/A	N/A
	2070 - F 	0	92	1,415	10,621	48,421	6,324	0	0	0	0	0	0	66,873	28,298	30%
	2070 - G 	48	299	2,165	10,724	50,835	34,745	699	0	0	0	0	0	99,515	-4,344	-5%
	2070 - H 	0	514	3,095	12,235	57,179	29,199	233	0	0	0	0	0	102,455	-7,284	-8%
	2070 - I 	0	112	1,172	7,873	51,041	46,026	1,809	0	0	0	0	0	108,033	-12,862	-14%
	2070 - J 	97	1,259	5,917	18,736	82,219	50,839	892	0	0	0	0	16	159,976	-64,805	-68%
09304800	White River Below Meeker															
	Historical 	0	0	64	4,363	57,439	82,062	15,494	1,027	344	416	0	0	161,208	N/A	N/A
	2070 - F 	0	93	3,060	12,300	55,506	7,891	0	0	0	0	0	0	78,851	82,357	51%
	2070 - G 	136	873	6,238	17,153	64,054	49,116	875	0	0	0	0	0	138,445	22,763	14%
	2070 - H 	0	1,330	10,243	19,086	70,736	40,135	233	0	0	0	0	0	141,763	19,445	12%
	2070 - I 	0	257	2,448	15,555	76,025	69,776	2,702	0	0	0	0	0	166,763	-5,555	-3%
	2070 - J 	661	6,649	27,979	47,428	126,703	80,468	1,154	0	0	0	0	18	291,059	-129,851	-81%
09306222	Piceance Creek At White River															
	Historical 	0	0	64	1,536	4,072	2,022	1,083	364	112	274	0	0	9,527	N/A	N/A
	2070 - F 	0	49	869	1,099	296	53	0	0	0	0	0	0	2,367	7,161	75%
	2070 - G 	76	301	1,746	2,349	1,250	453	46	0	0	0	0	0	6,221	3,306	35%
	2070 - H 	0	455	2,076	2,471	1,118	370	19	0	0	0	0	0	6,510	3,017	32%
	2070 - I 	0	16	1,174	3,113	2,672	972	179	0	0	0	0	0	8,127	1,400	15%
	2070 - J 	135	1,055	4,682	5,183	3,245	1,067	137	0	0	0	0	18	15,522	-5,995	-63%
09306395	White River Near Colorado-Utah State Line															
	Historical 	21,497	22,783	29,804	41,284	100,168	123,533	49,998	26,537	24,868	26,208	22,642	20,918	510,239	N/A	N/A
	2070 - F 	15,426	19,201	33,607	48,409	94,222	31,790	1,694	1,493	6,195	11,724	14,405	13,781	291,948	218,291	43%
	2070 - G 	19,419	24,142	41,736	55,992	105,491	84,327	11,550	4,952	9,981	15,736	16,930	16,809	407,067	103,172	20%
	2070 - H 	19,203	25,862	46,414	58,400	112,101	74,436	8,150	4,400	11,150	15,501	16,887	16,642	409,147	101,092	20%
	2070 - I 	19,707	23,300	37,194	56,279	118,160	108,912	22,630	11,272	14,926	19,467	19,148	18,326	469,321	40,918	8%
	2070 - J 	22,918	35,236	70,104	90,142	169,097	120,074	16,780	8,636	12,375	18,239	19,303	19,066	601,969	-91,730	-18%



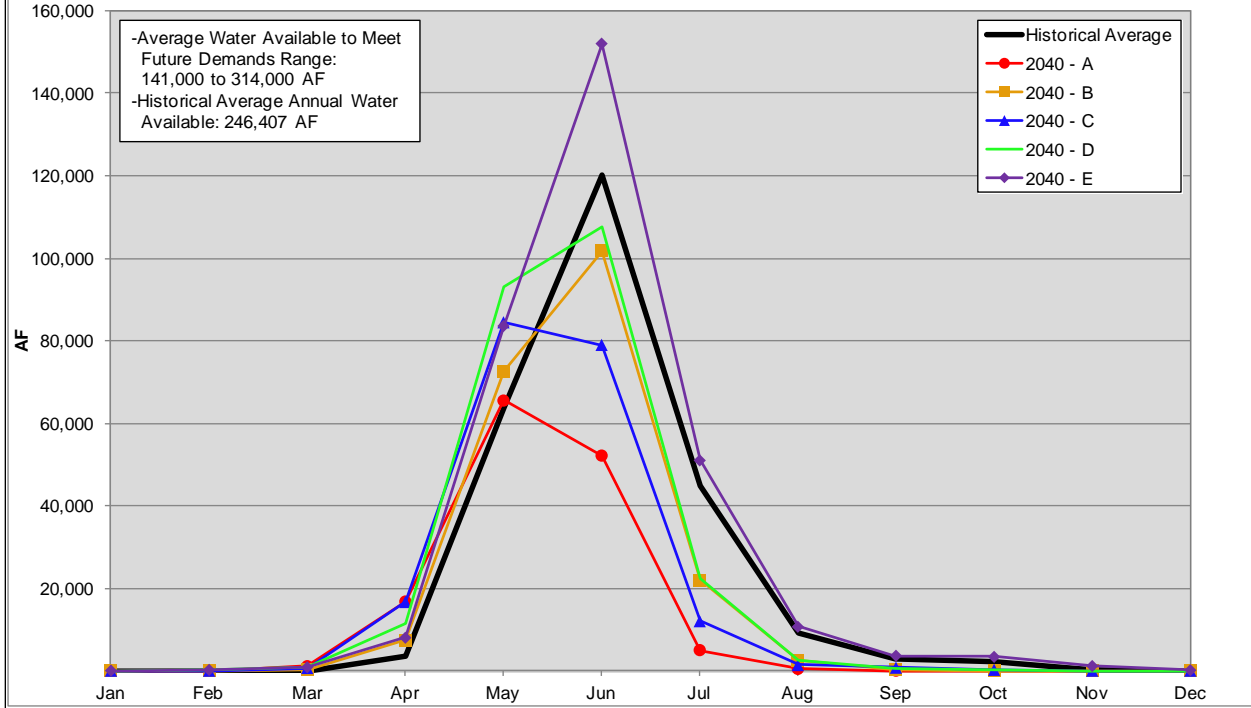
**Figure F3. Blue River below Dillon Reservoir (09050700)
2040 Average Water Available to Meet Future Demands**



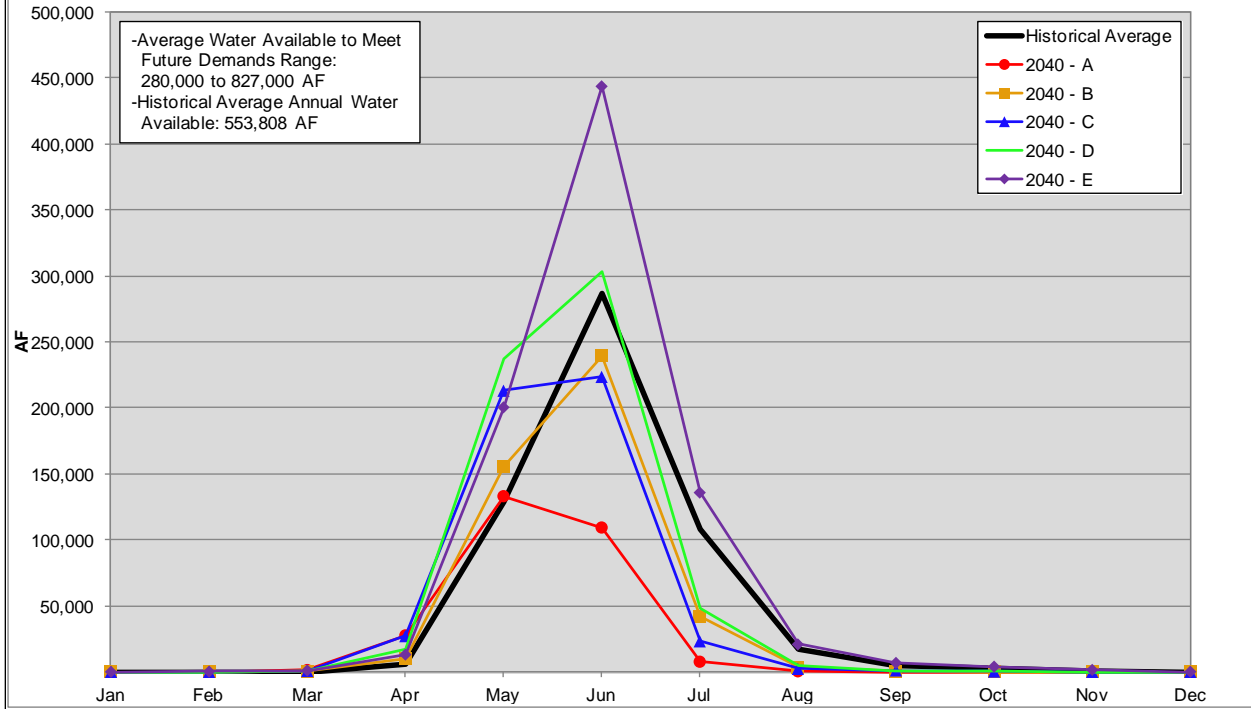
**Figure F4. Blue River below Green Mountain Reservoir (09057500)
2040 Average Water Available to Meet Future Demands**



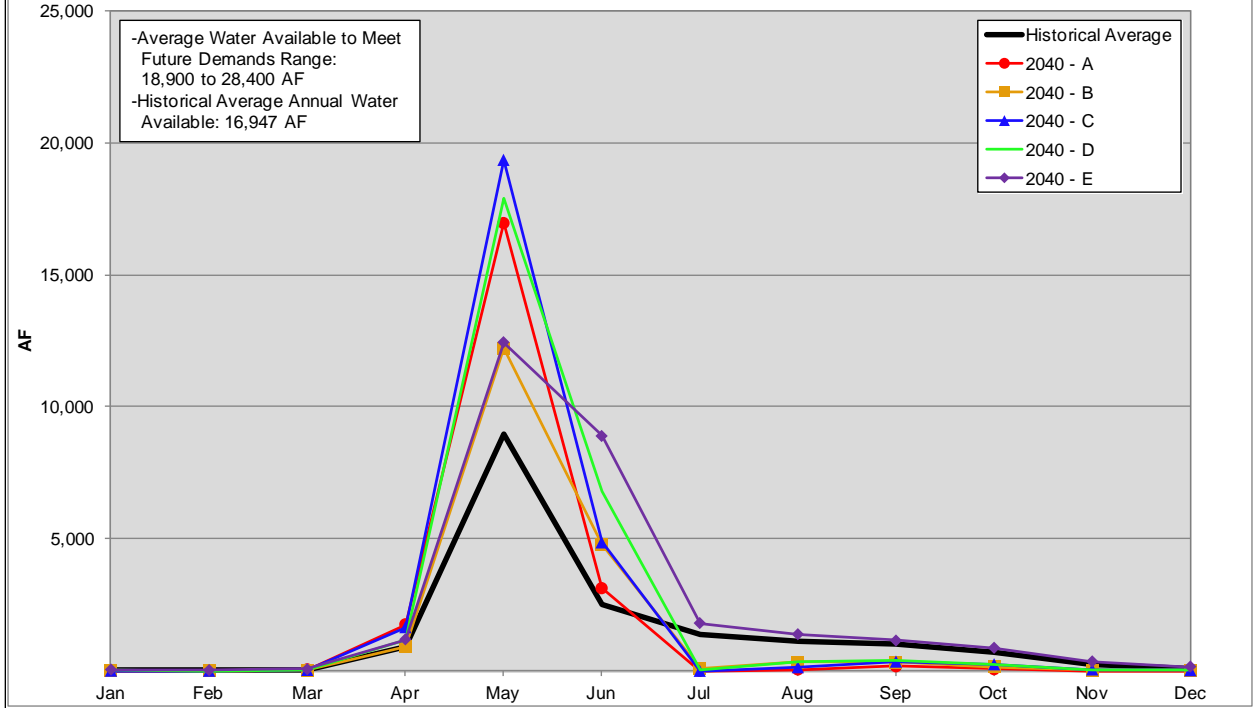
**Figure F5. Eagle River below Gypsum (09070000)
2040 Average Water Available to Meet Future Demands**



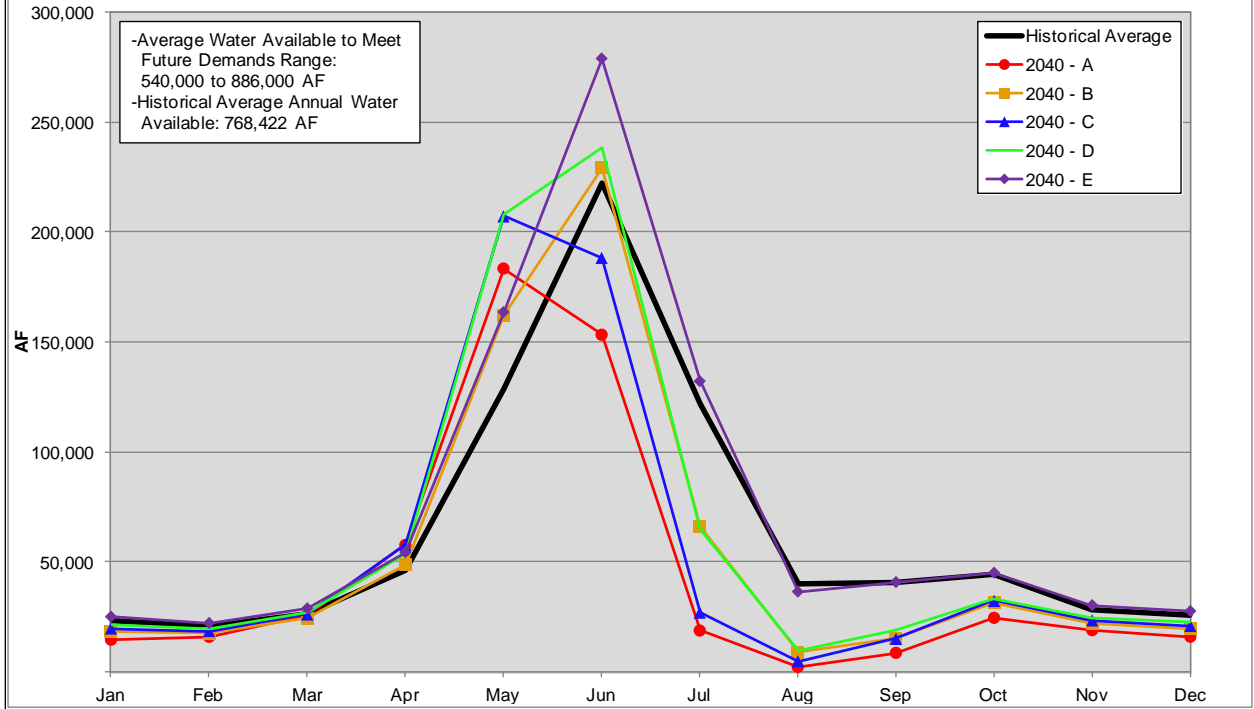
**Figure F6. Colorado River near Dotsero (09070500)
2040 Average Water Available to Meet Future Demands**



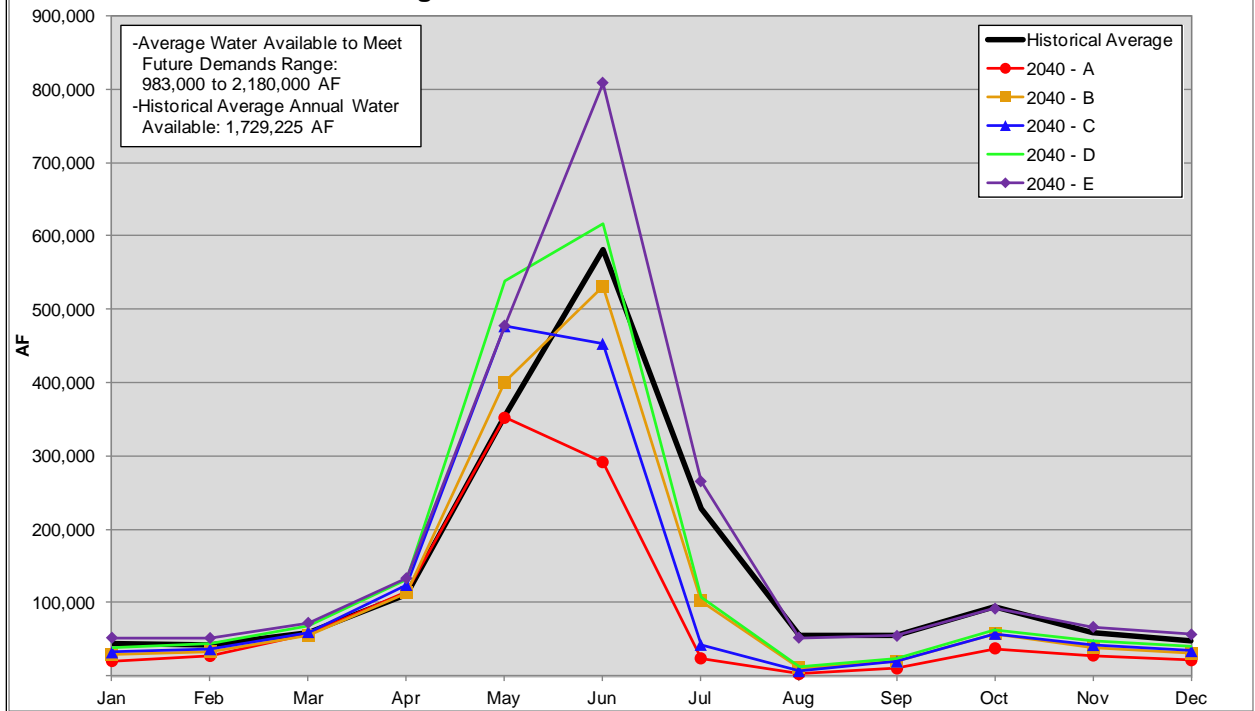
**Figure F7. Roaring Fork River near Aspen (09073400)
2040 Average Water Available to Meet Future Demands**



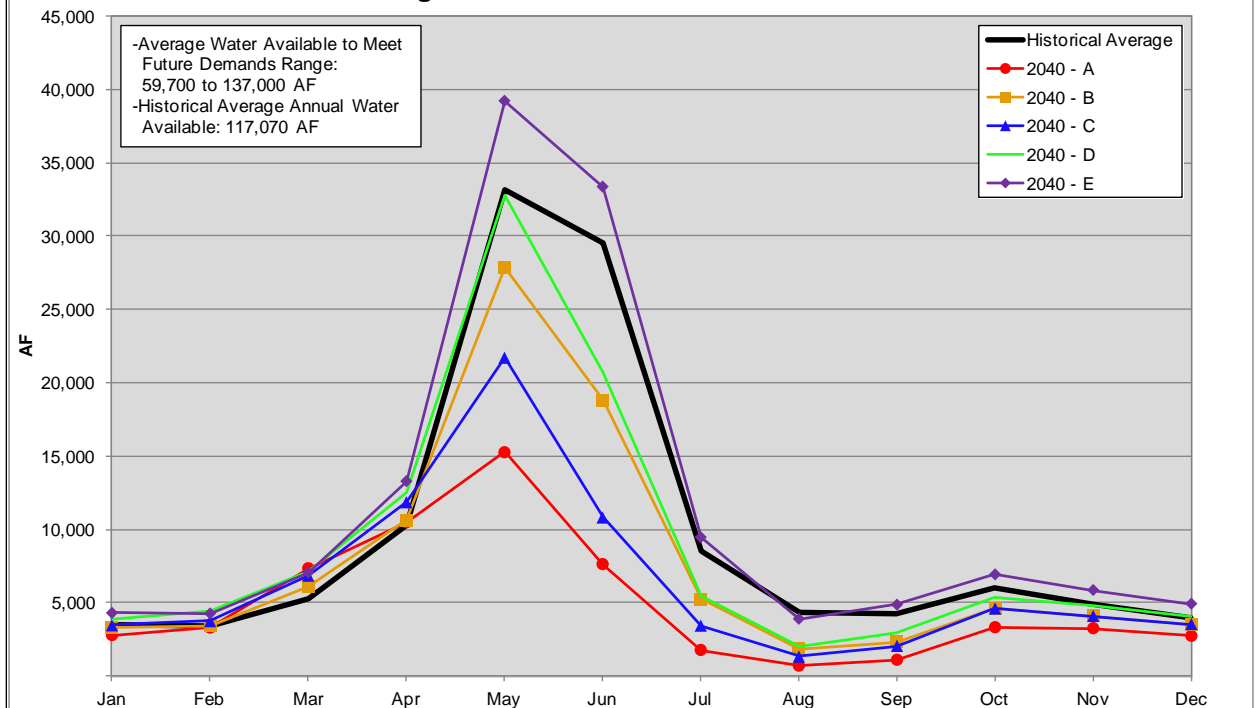
**Figure F8. Roaring Fork River at Glenwood Springs (09085000)
2040 Average Water Available to Meet Future Demands**



**Figure F9. Colorado River near Cameo (09095500)
2040 Average Water Available to Meet Future Demands**



**Figure F10. Plateau Creek near Cameo (09105000)
2040 Average Water Available to Meet Future Demands**



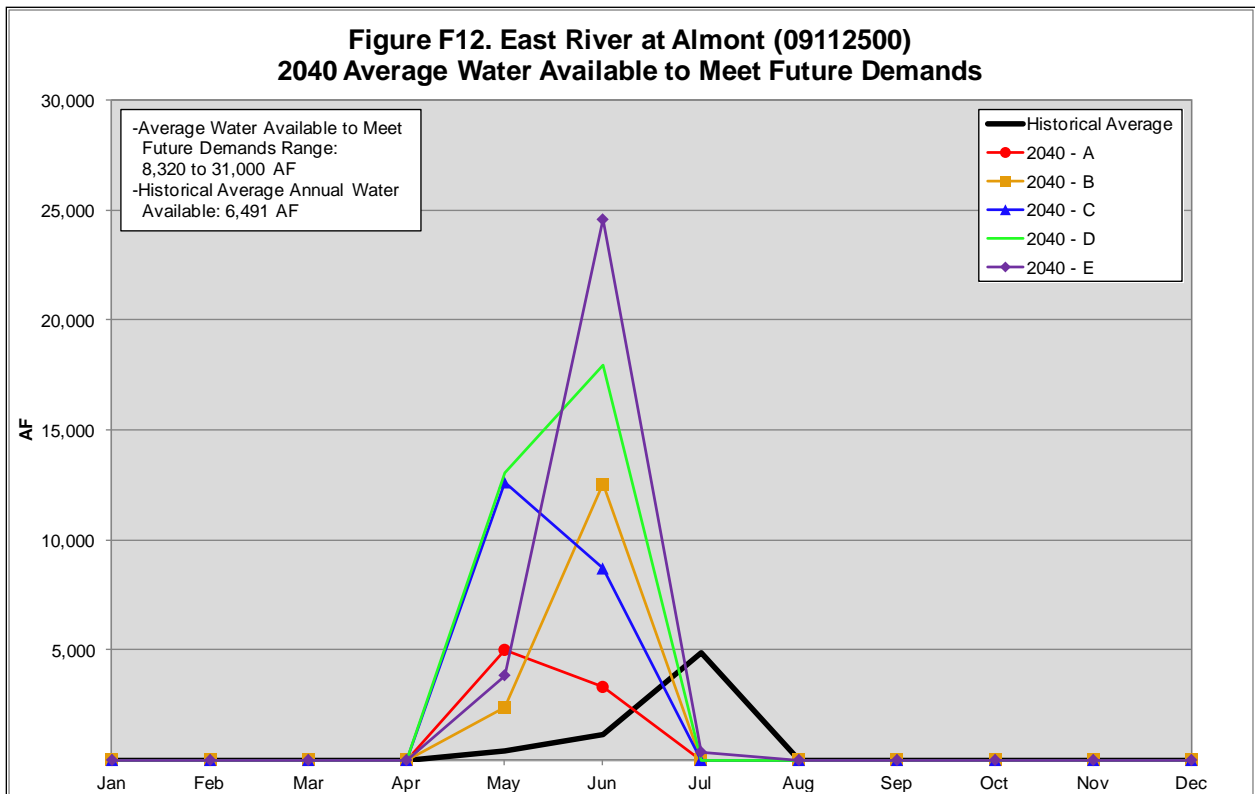
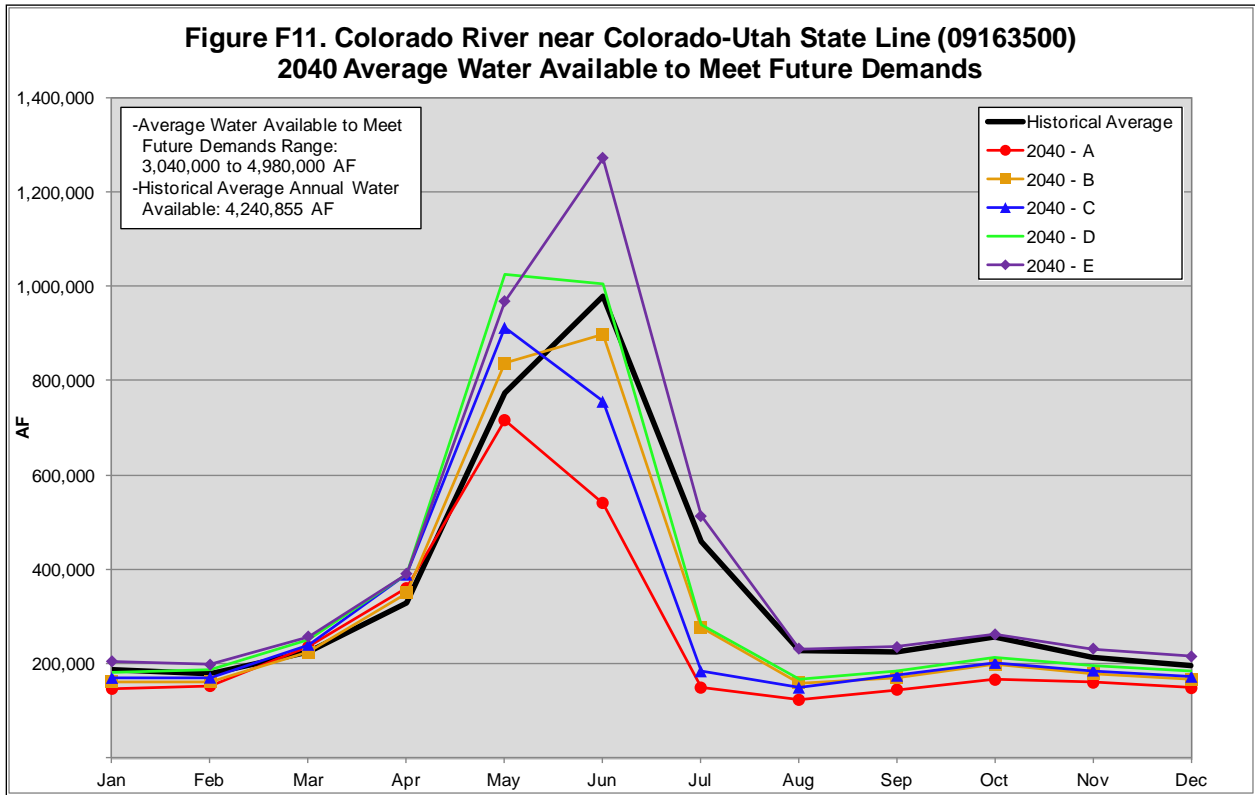


Figure F13. Taylor River at Almont (09110000)
2040 Average Water Available to Meet Future Demands

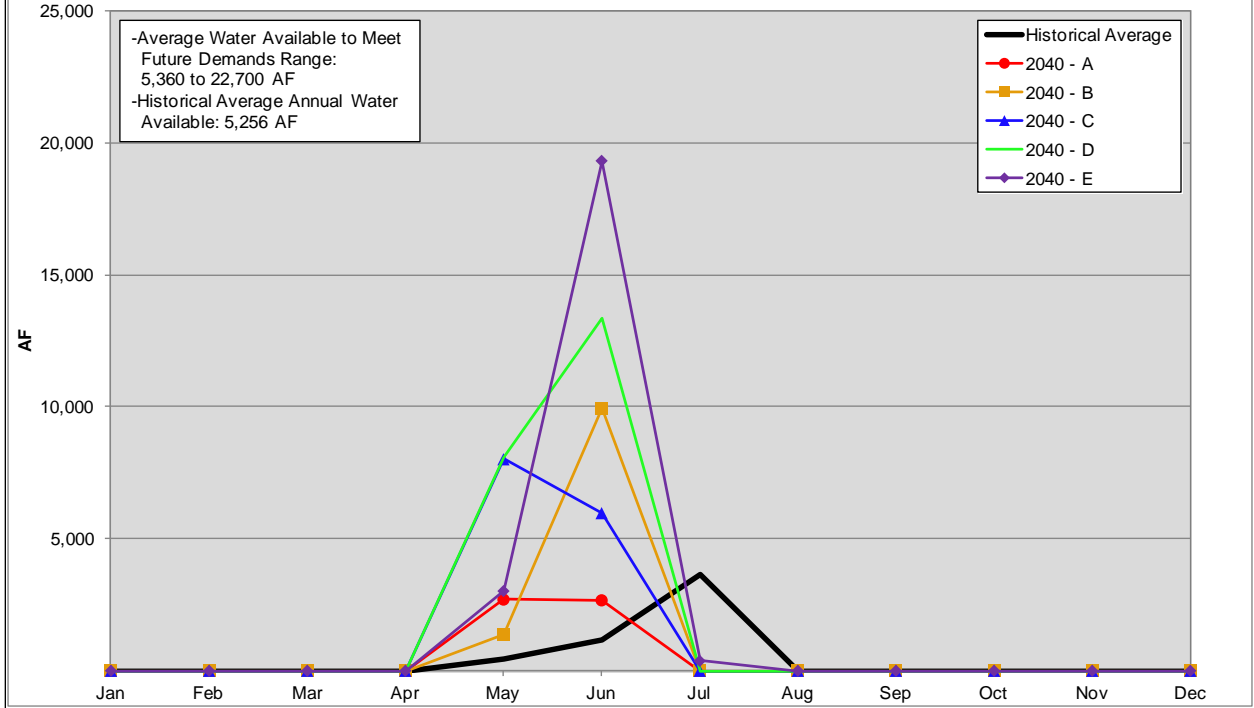
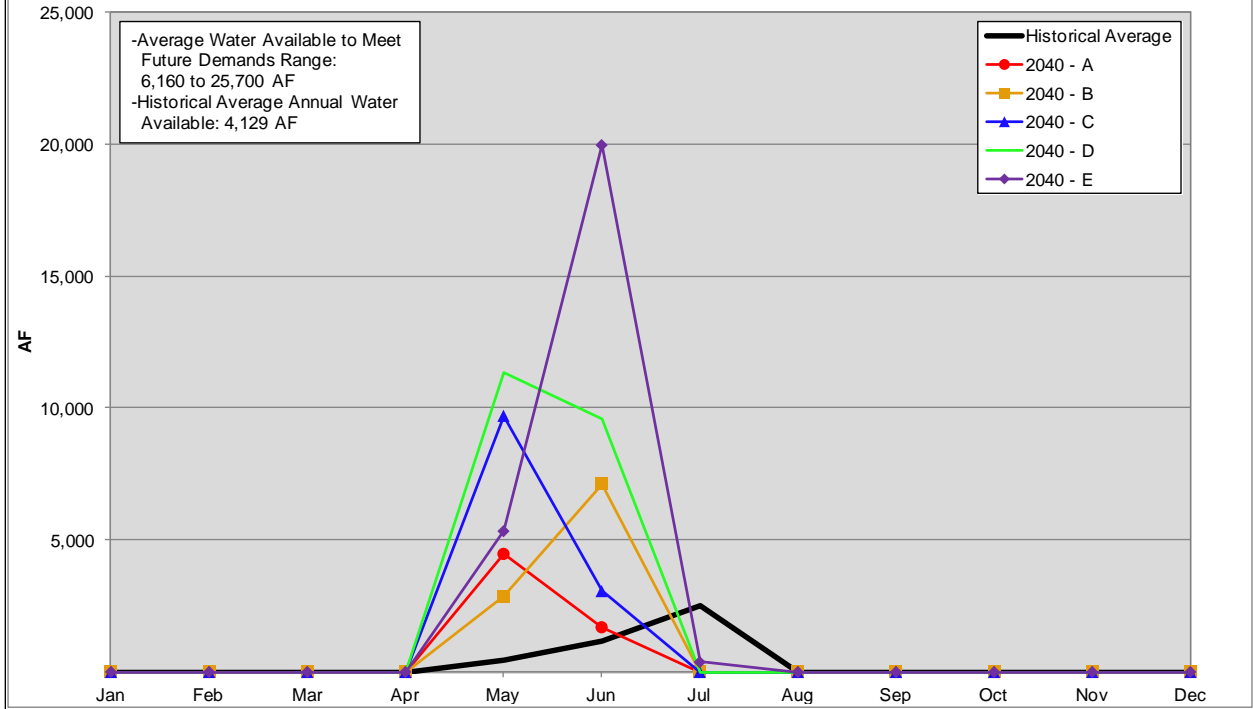
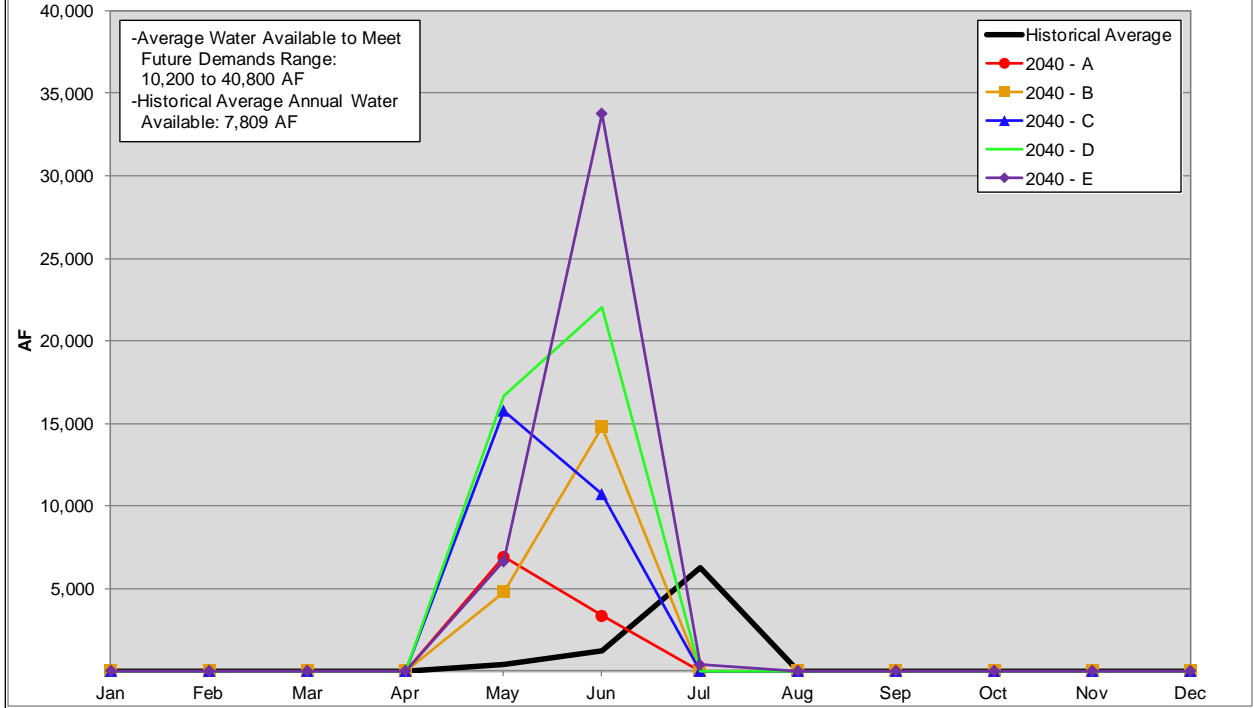


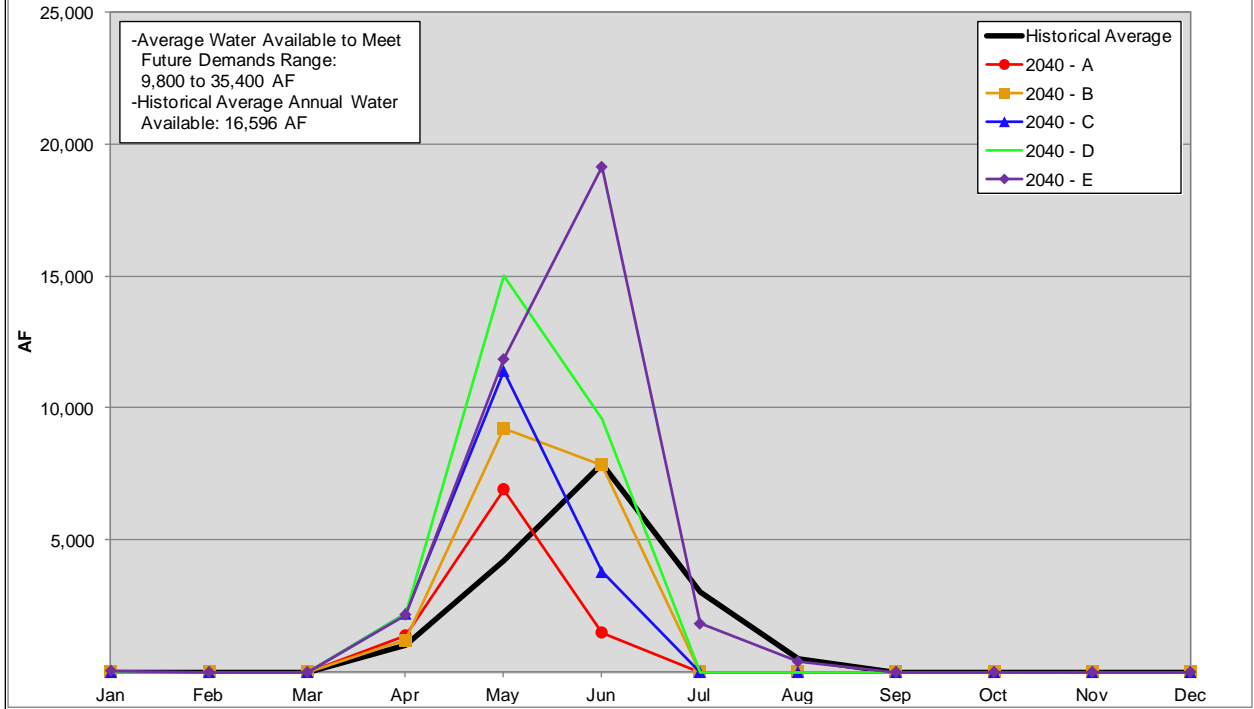
Figure F14. Tomichi Creek at Gunnison (09119000)
2040 Average Water Available to Meet Future Demands



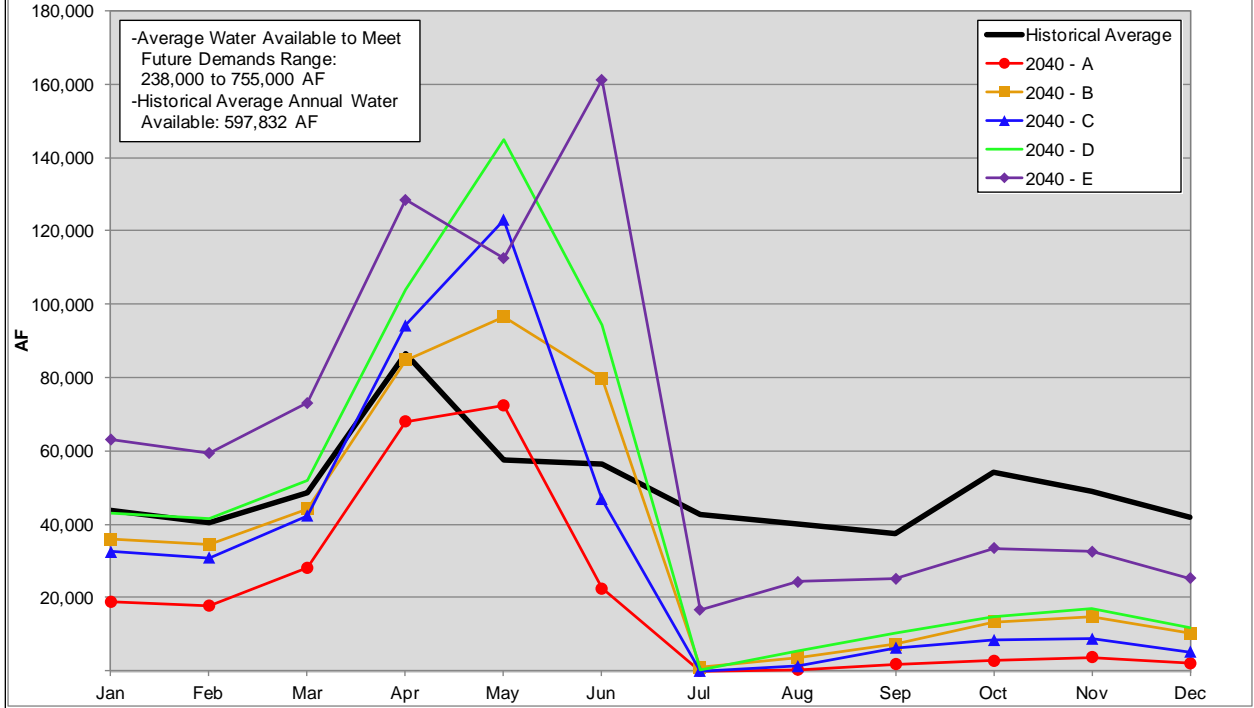
**Figure F15. Gunnison River near Gunnison (09114500)
2040 Average Water Available to Meet Future Demands**



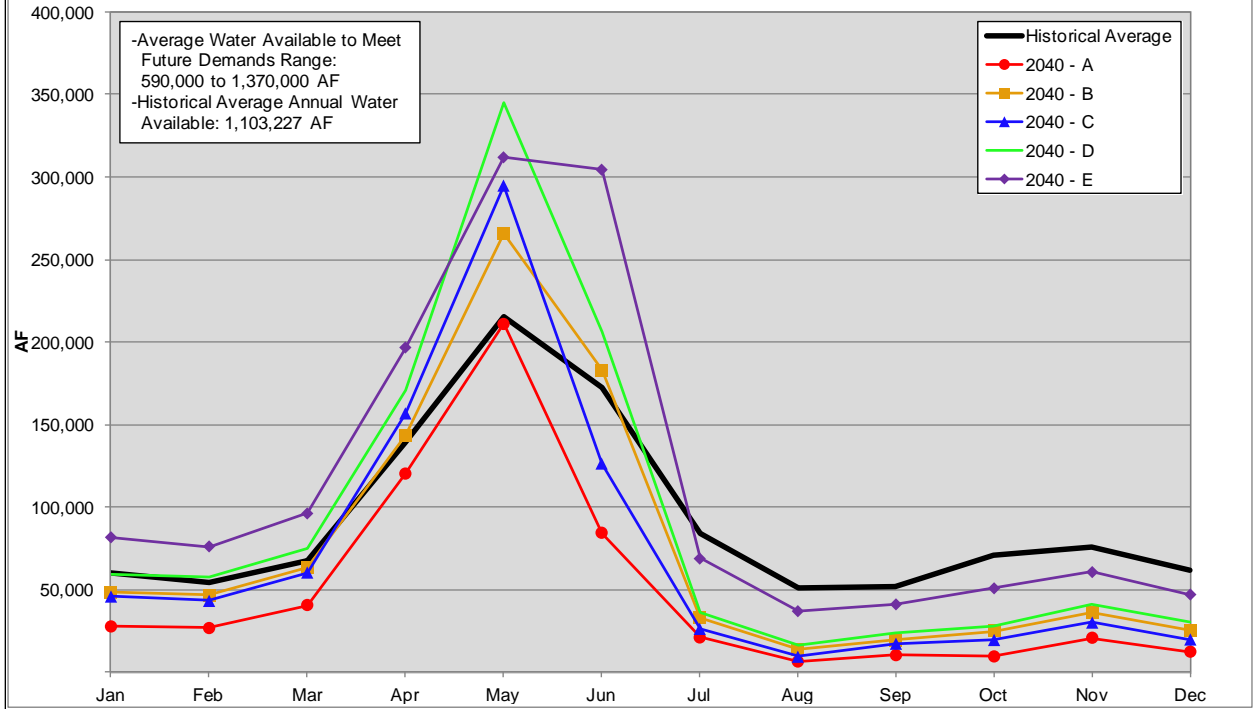
**Figure F16. Cimarron River at Cimarron (09126500)
2040 Average Water Available to Meet Future Demands**



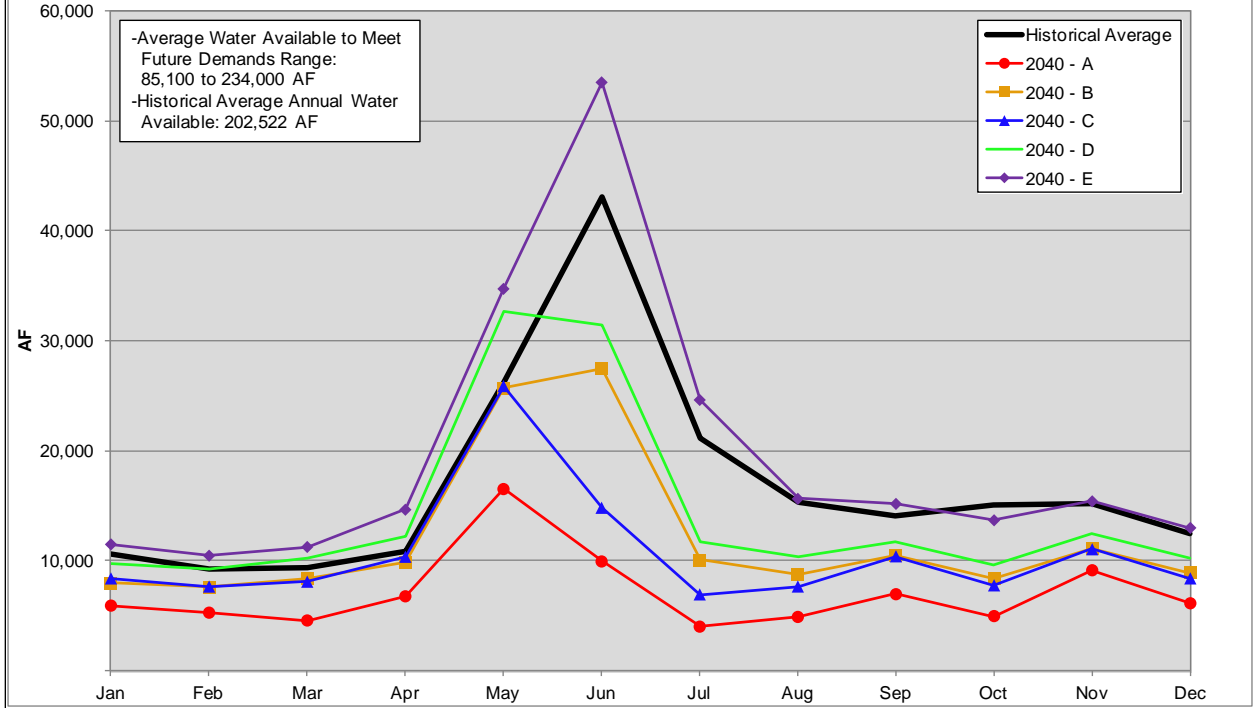
**Figure F17. Gunnison River below Gunnison Tunnel (09128000)
2040 Average Water Available to Meet Future Demands**



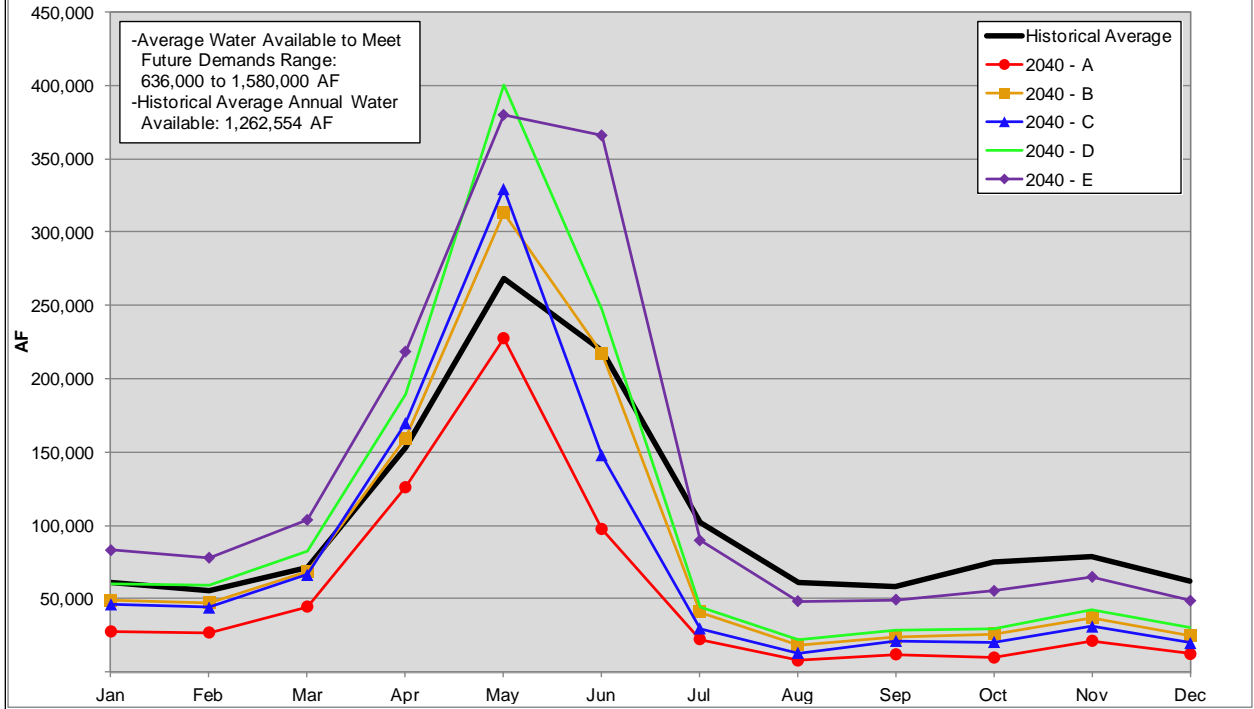
**Figure F18. Gunnison River near Lazear (09136200)
2040 Average Water Available to Meet Future Demands**



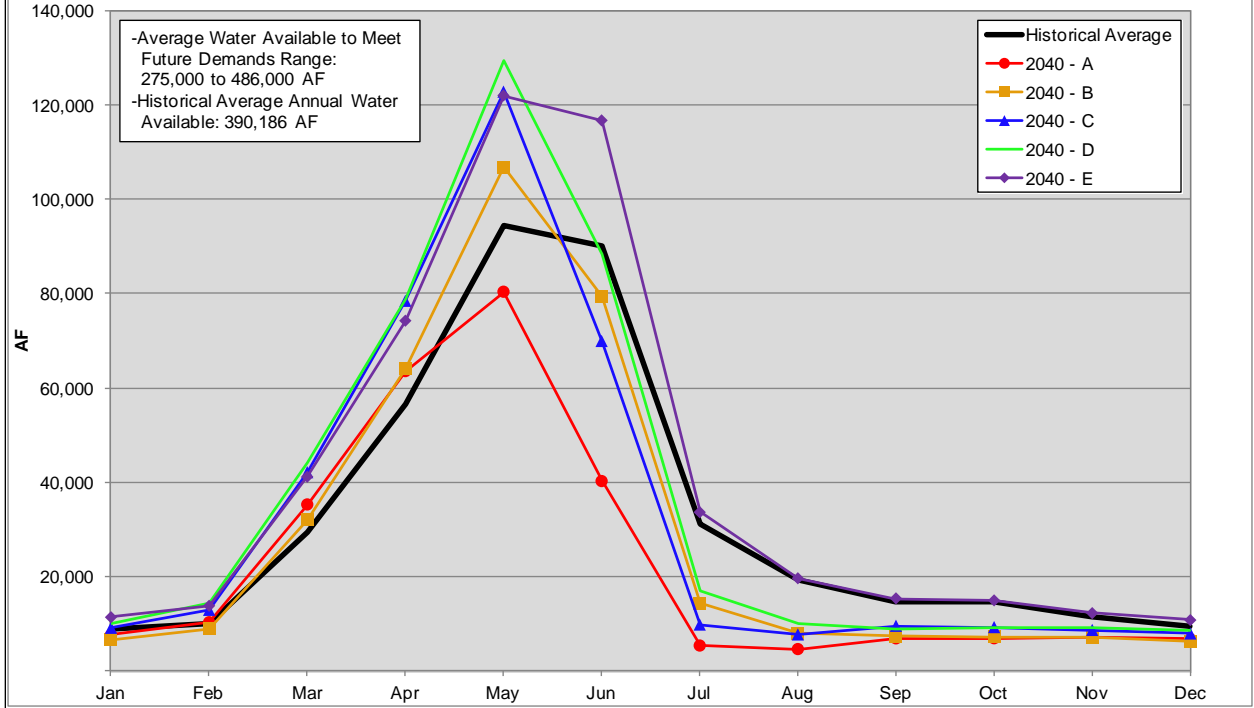
**Figure F19. Uncompahgre River at Delta (09149500)
2040 Average Water Available to Meet Future Demands**



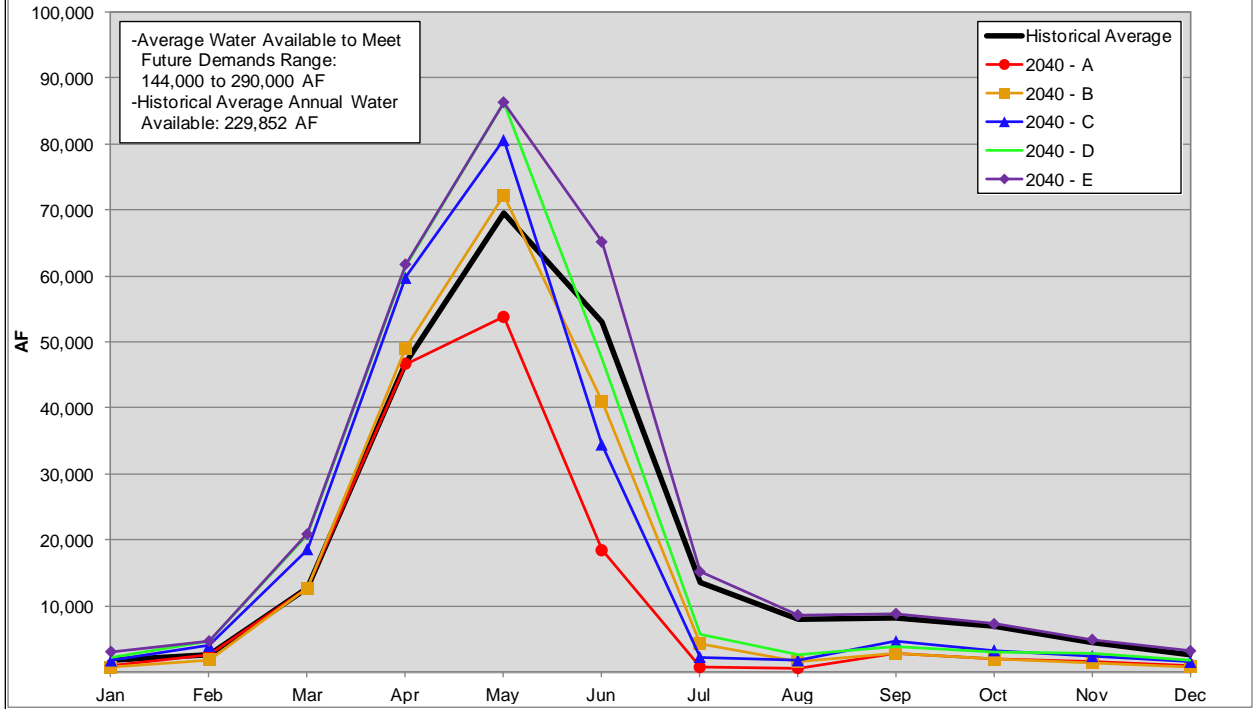
**Figure F20. Gunnison River near Grand Junction (09152500)
2040 Average Water Available to Meet Future Demands**



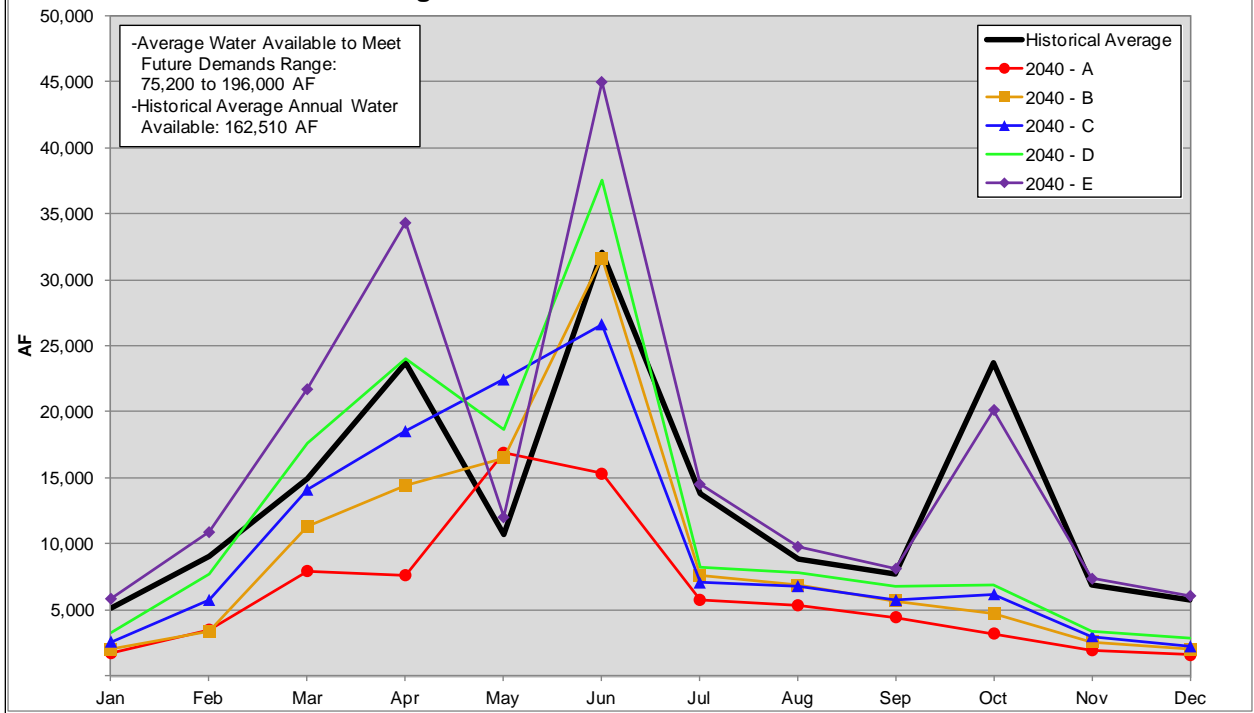
**Figure F21. San Juan River near Carracas (09346400)
2040 Average Water Available to Meet Future Demands**



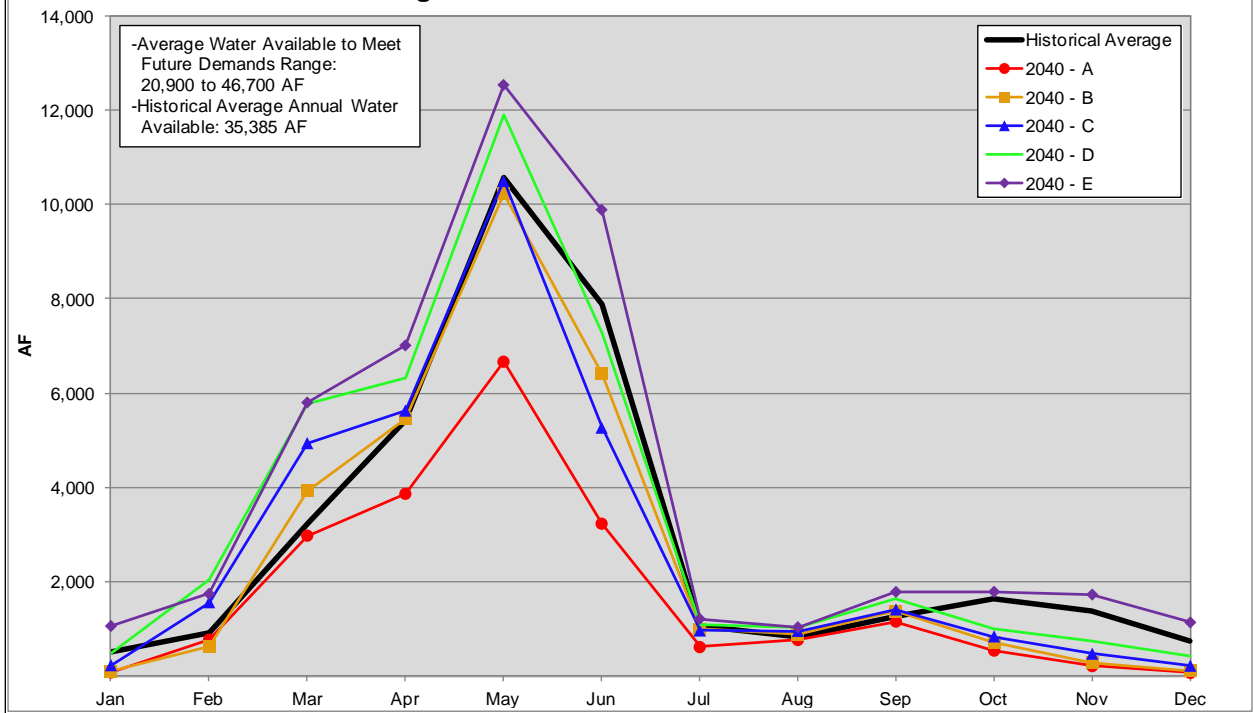
**Figure F22. Piedra River near Arboles (09349800)
2040 Average Water Available to Meet Future Demands**



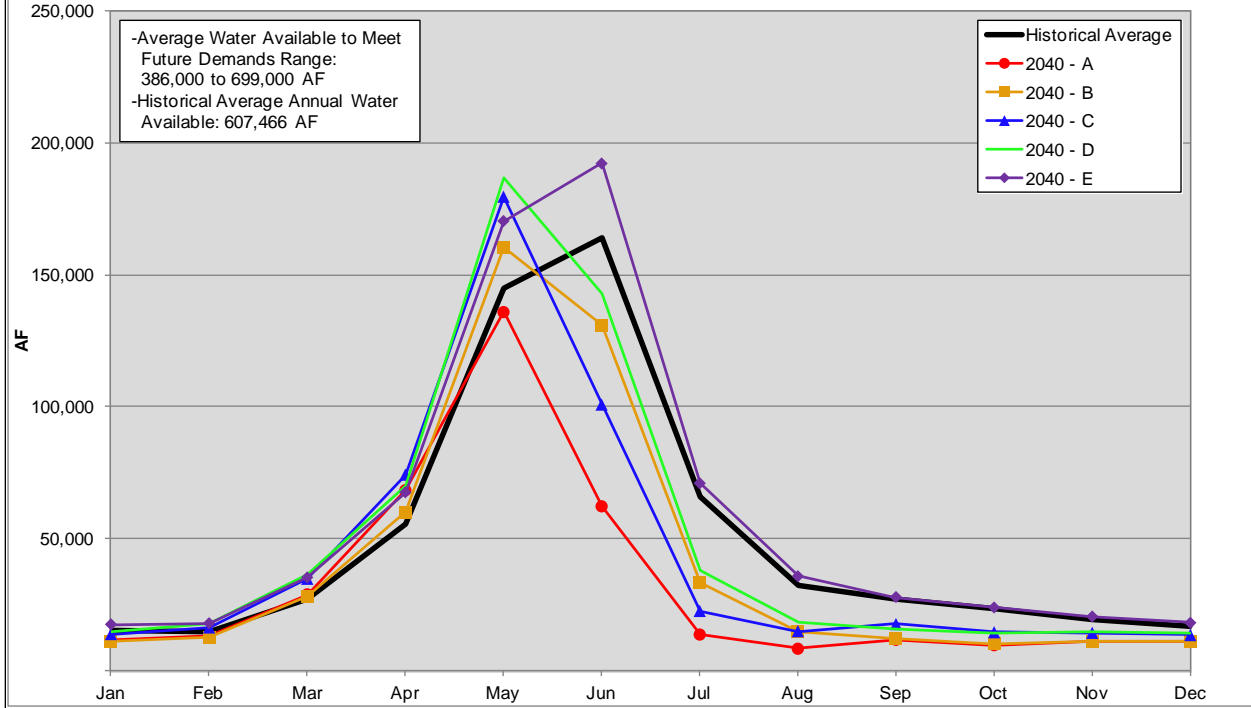
**Figure F23. Los Pinos River at La Boca (09354500)
2040 Average Water Available to Meet Future Demands**



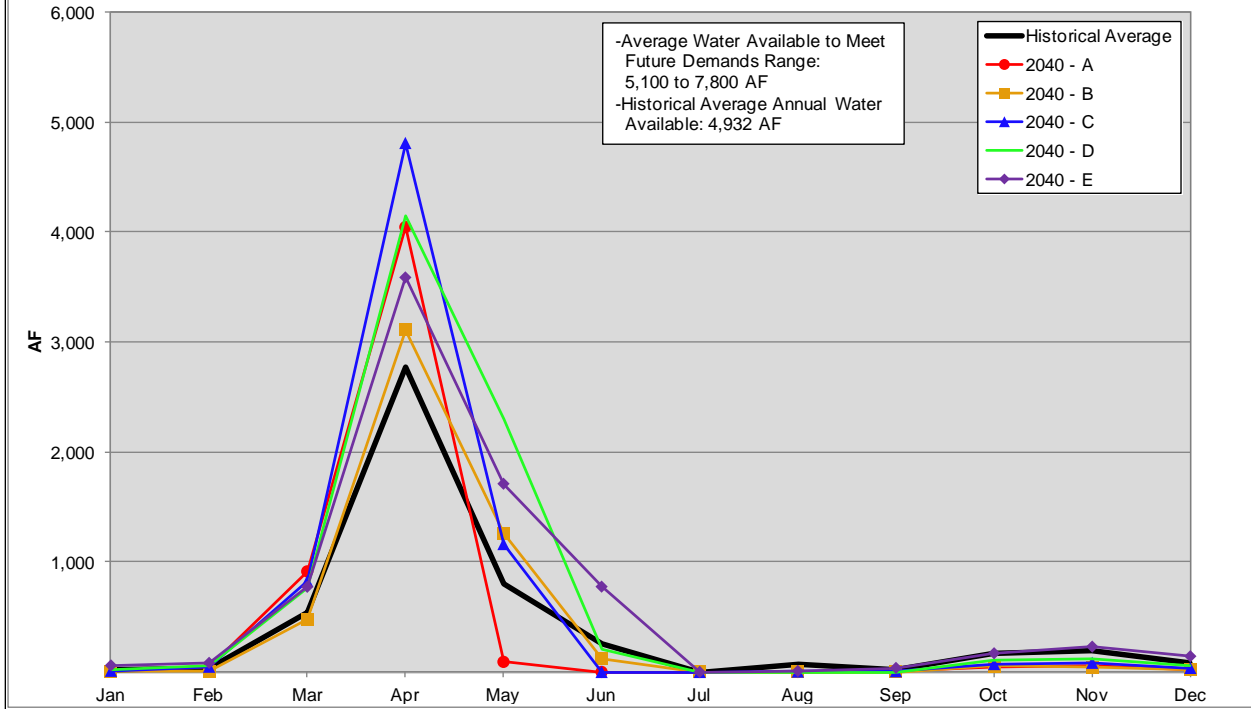
**Figure F24. Florida River at Bondad (09363200)
2040 Average Water Available to Meet Future Demands**



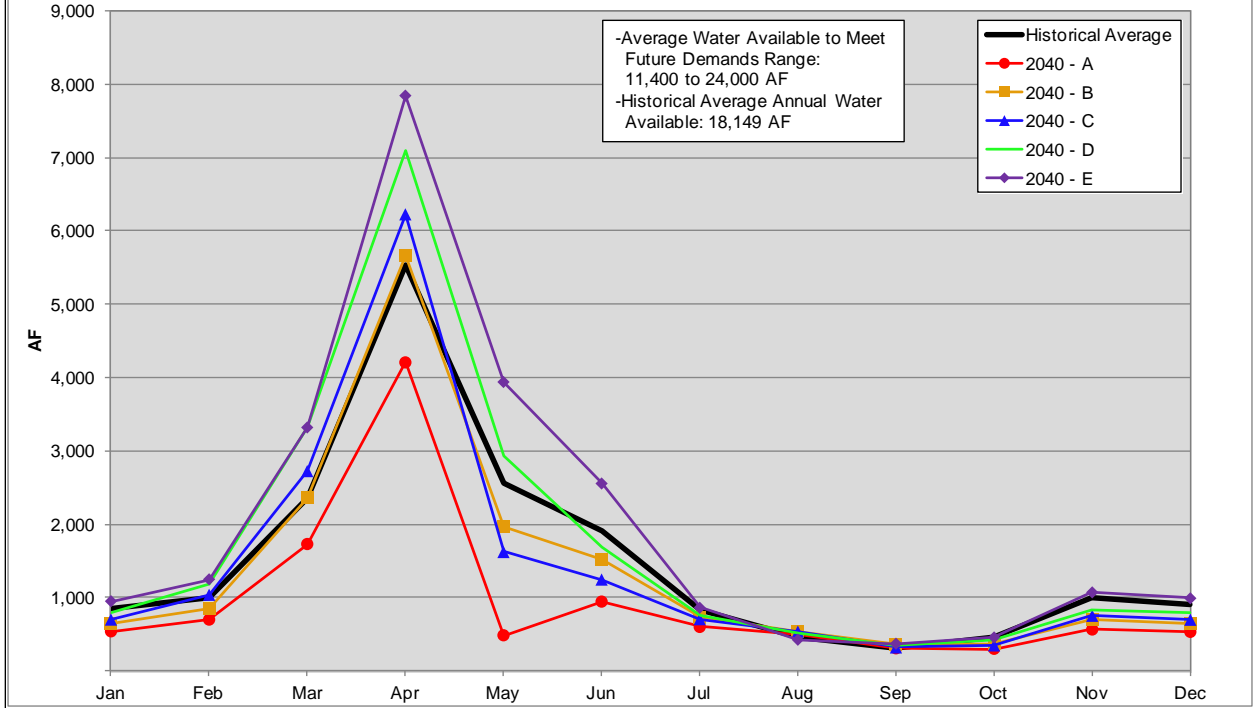
**Figure F25. Animas River near Cedar Hill, NM (09363500)
2040 Average Water Available to Meet Future Demands**



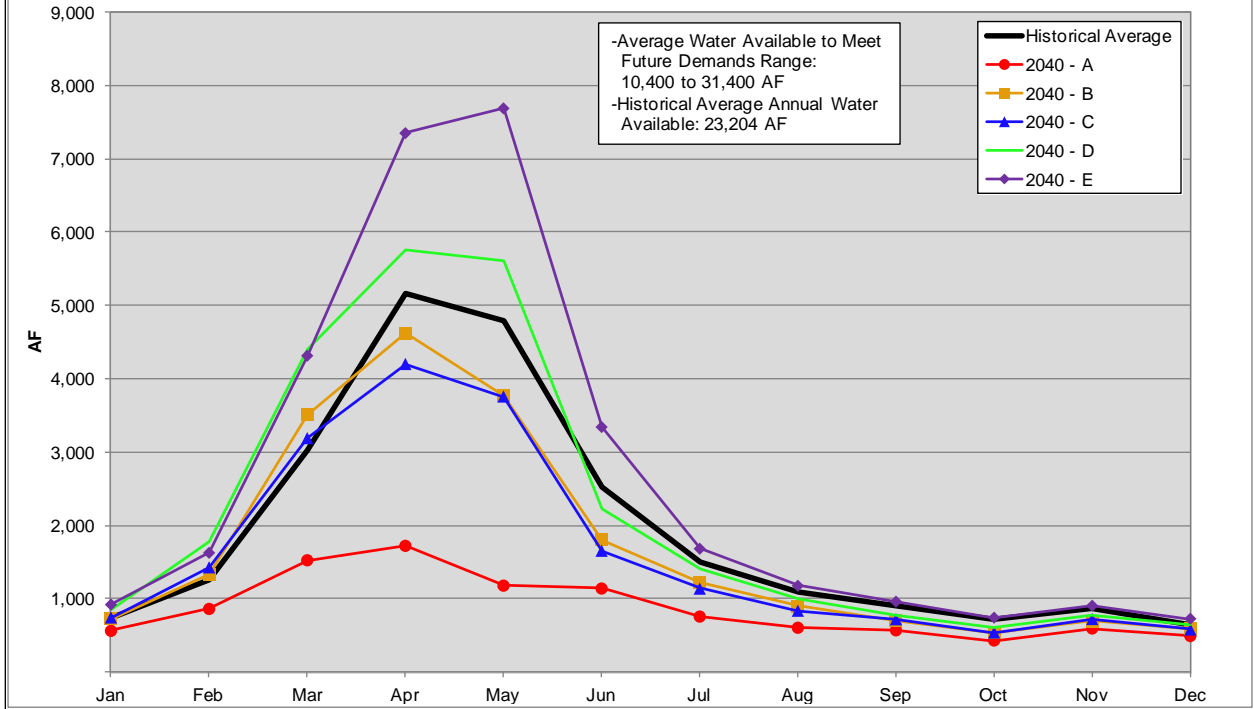
**Figure F26. La Plata River at Hesperus (09365500)
2040 Average Water Available to Meet Future Demands**



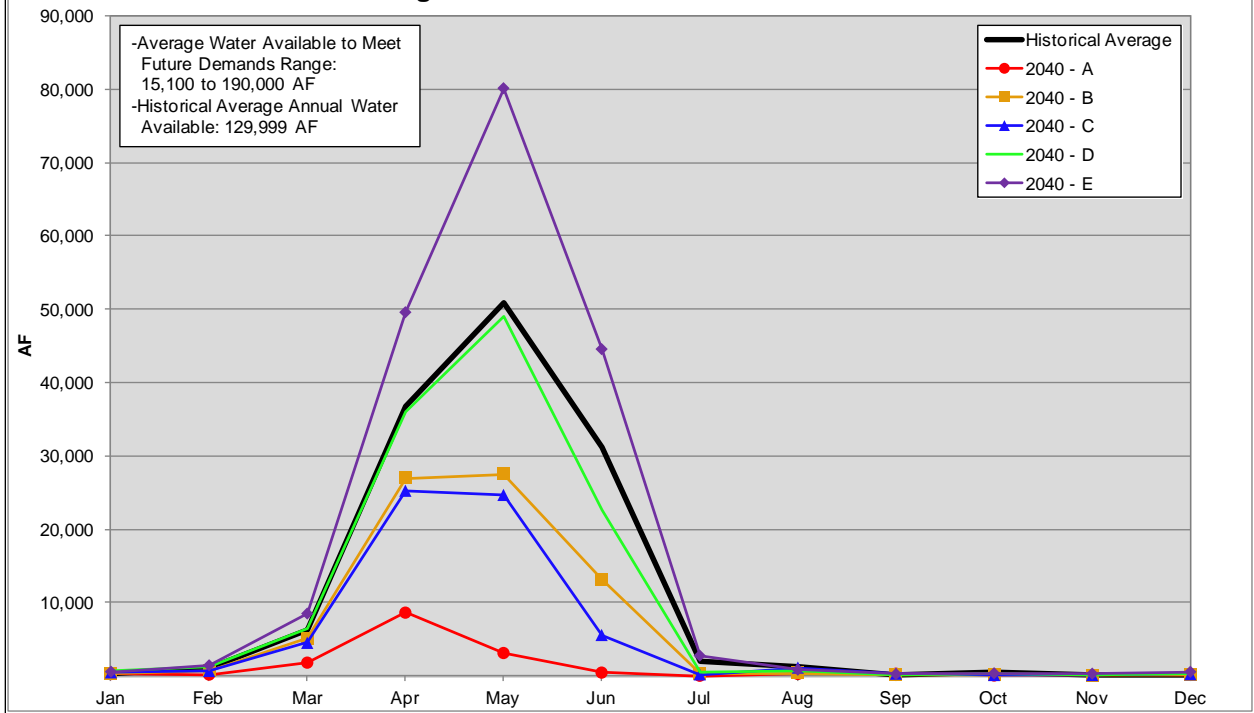
**Figure F27. La Plata River at The Colorado-New Mexico Stateline (09366500)
2040 Average Water Available to Meet Future Demands**



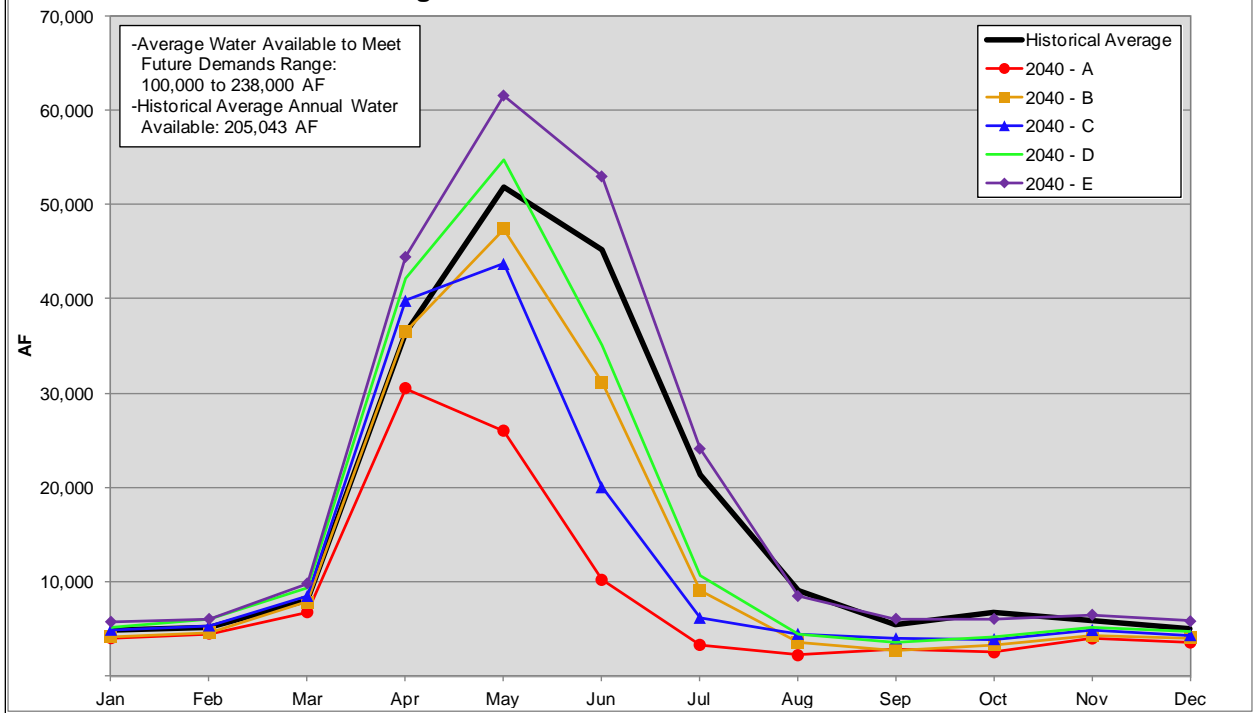
**Figure F28. Mancos River near Towaoc (09371000)
2040 Average Water Available to Meet Future Demands**



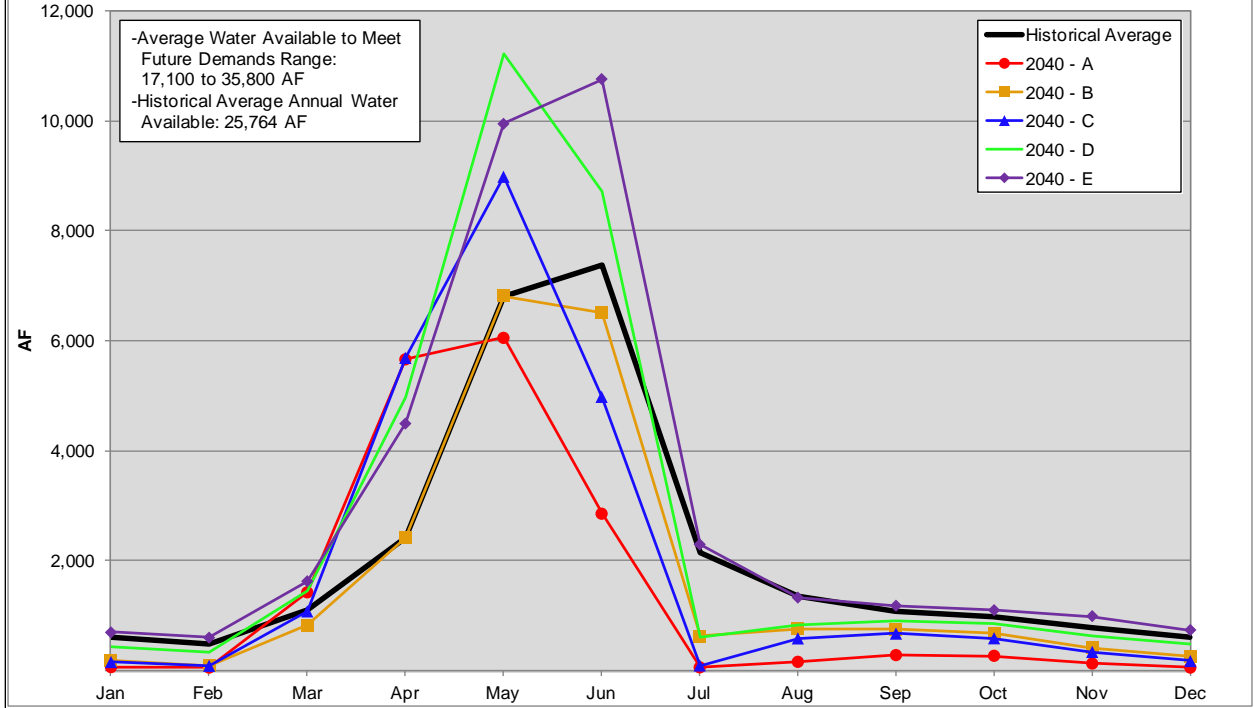
**Figure F29. Dolores River near Bedrock (09171100)
2040 Average Water Available to Meet Future Demands**



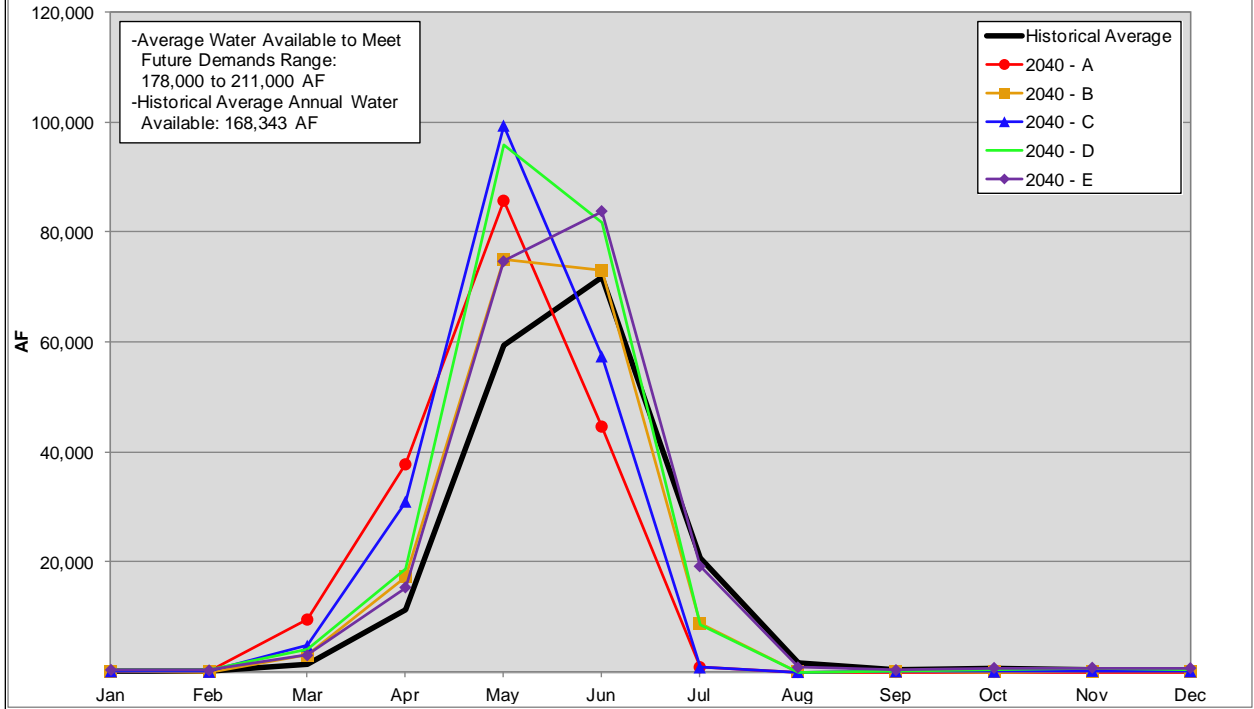
**Figure F30. San Miguel River at Naturita (09175500)
2040 Average Water Available to Meet Future Demands**



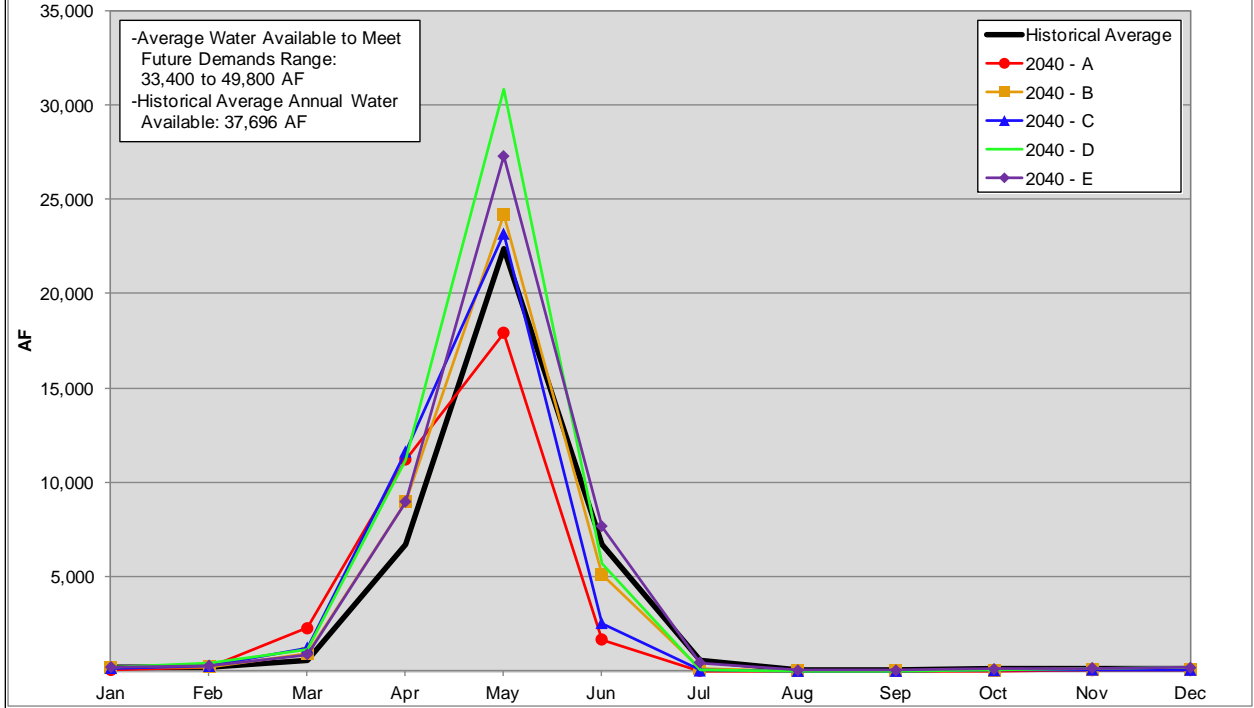
**Figure F31. Yampa River below Stagecoach Reservoir (09237500)
2040 Average Water Available to Meet Future Demands**



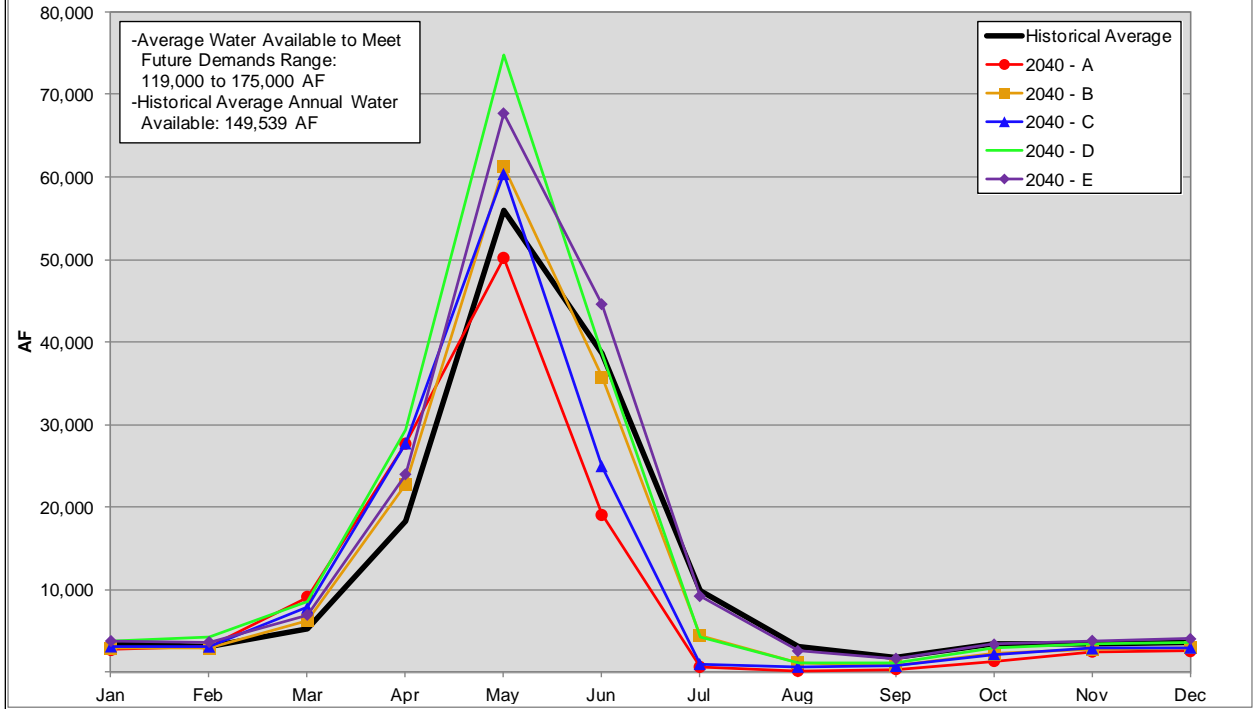
**Figure F32. Elk River at Clark (09241000)
2040 Average Water Available to Meet Future Demands**



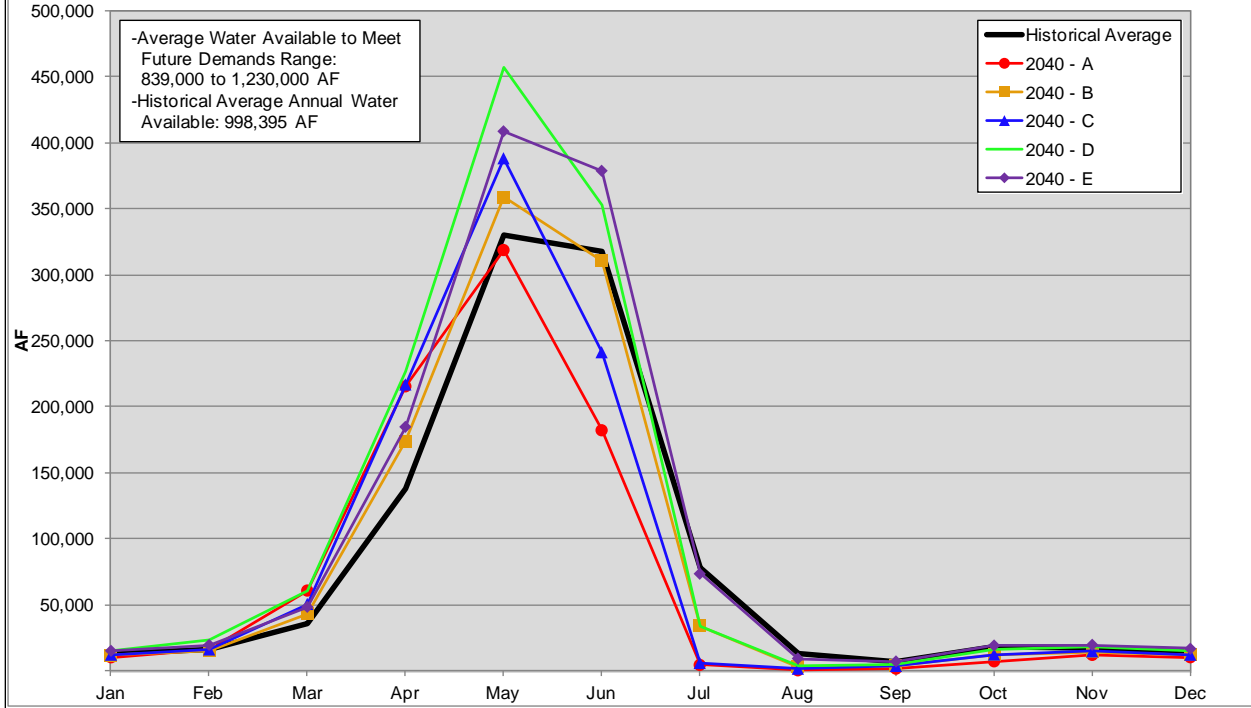
**Figure F33. Elkhead Creek near Elkhead (09245000)
2040 Average Water Available to Meet Future Demands**



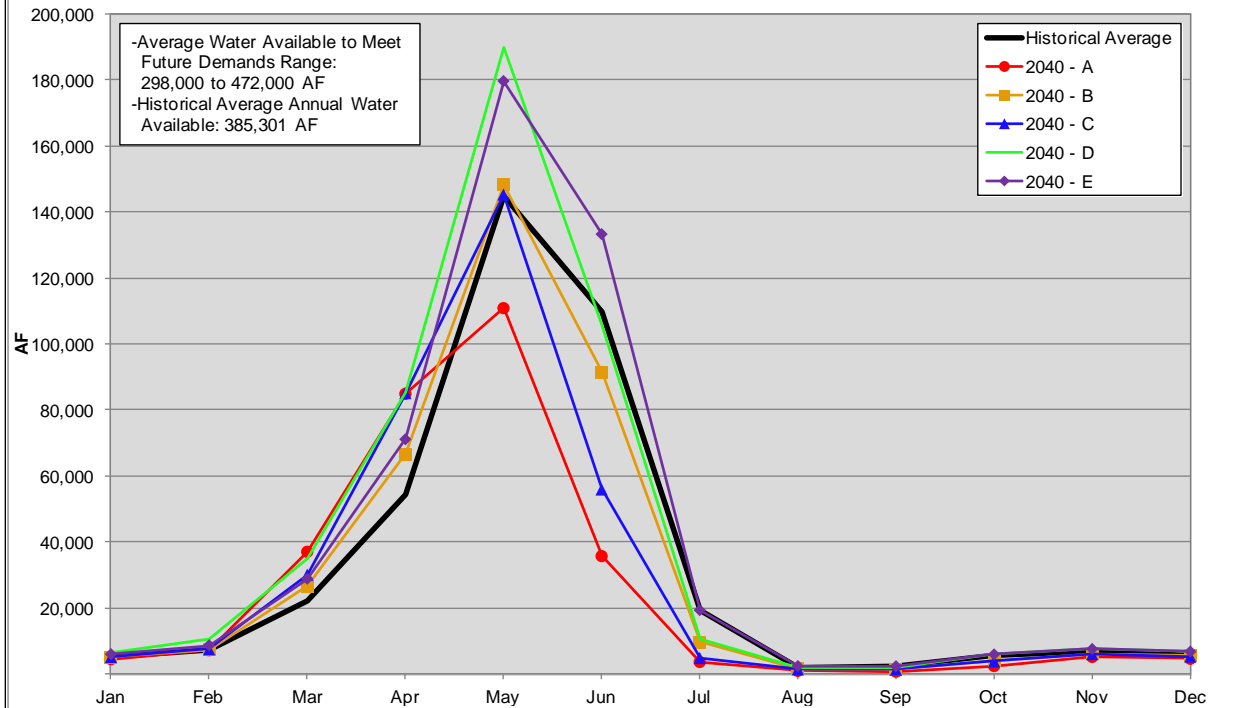
**Figure F34. Williams Fork at Mouth, near Hamilton (09249750)
2040 Average Water Available to Meet Future Demands**



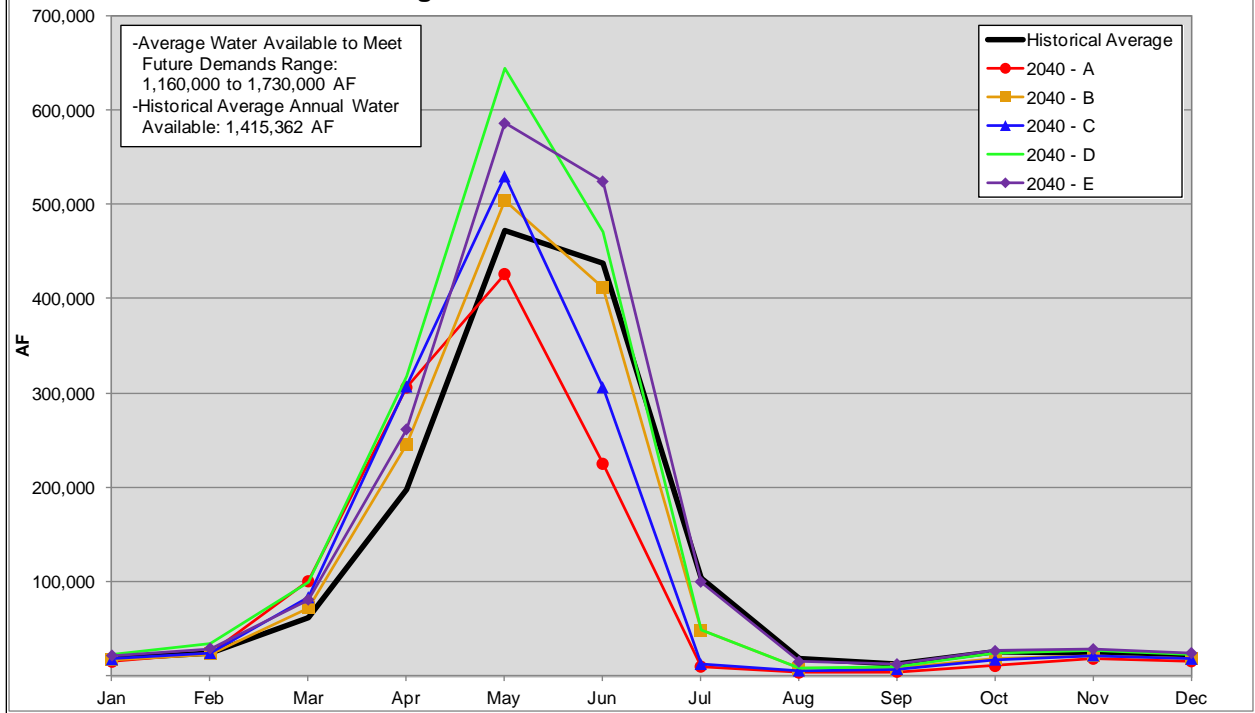
**Figure F35. Yampa River near Maybell (09251000)
2040 Average Water Available to Meet Future Demands**



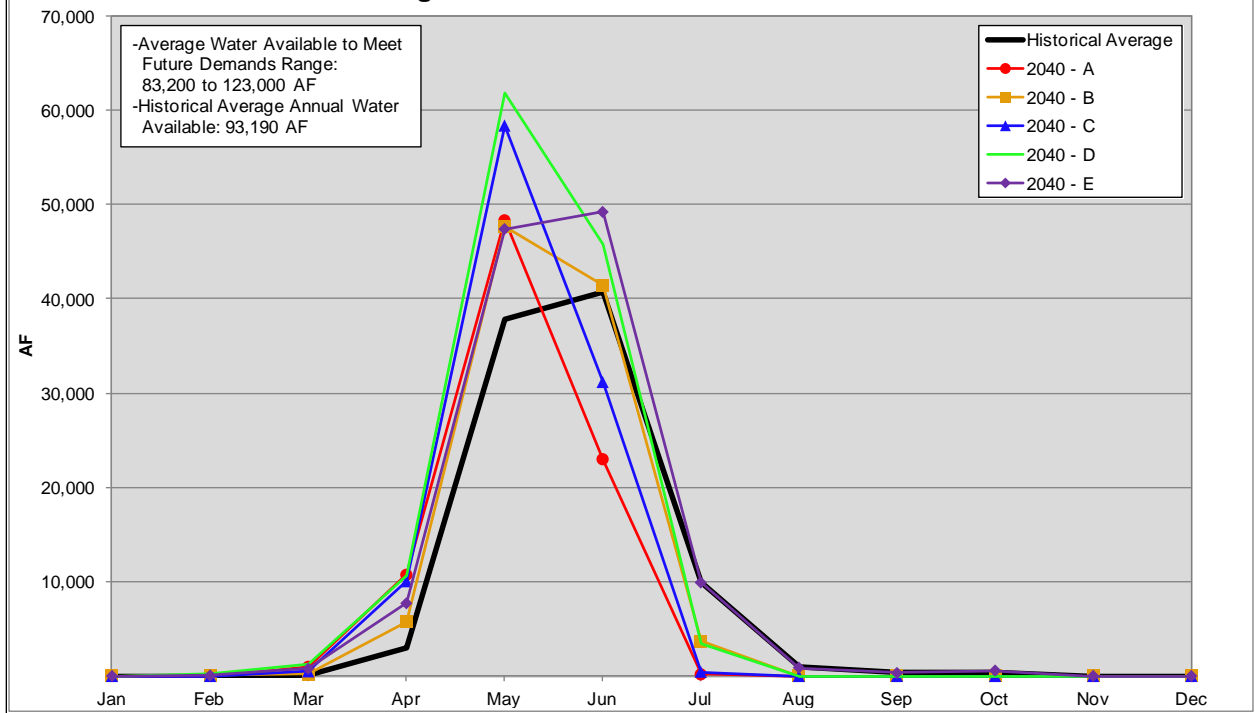
**Figure F36. Little Snake River near Lily (09260000)
2040 Average Water Available to Meet Future Demands**



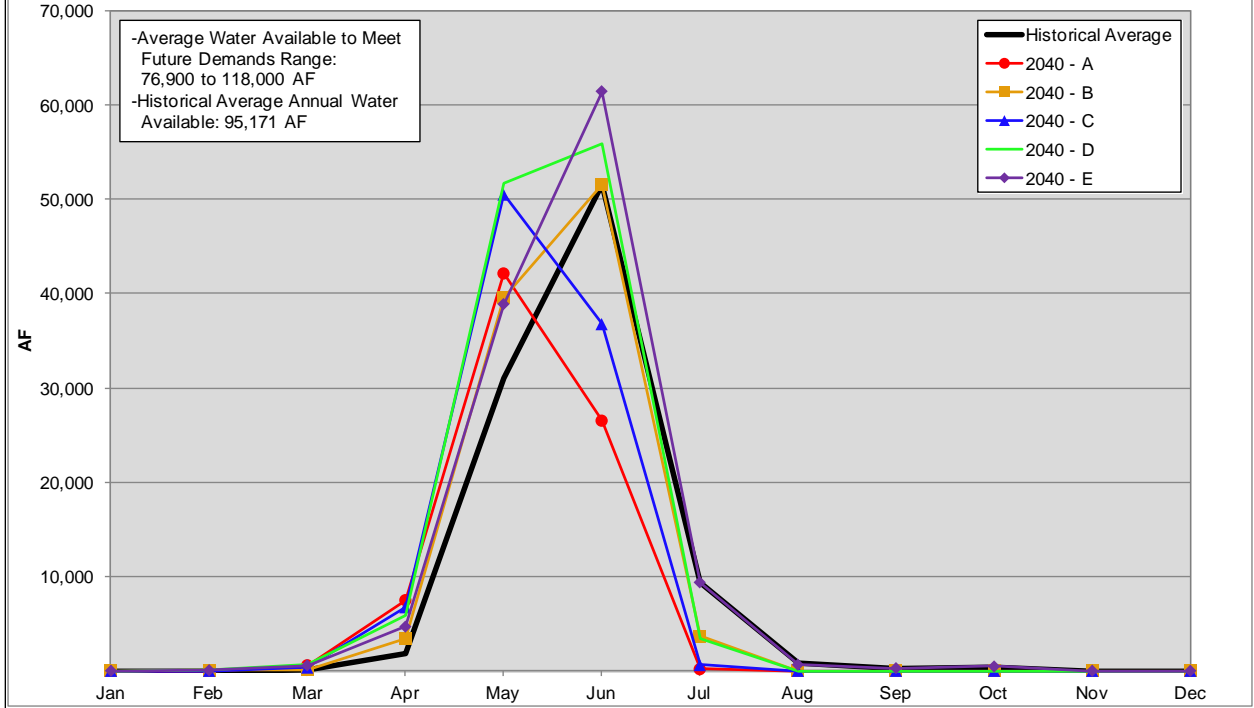
**Figure F37. Yampa River at Deerlodge Park (09260050)
2040 Average Water Available to Meet Future Demands**



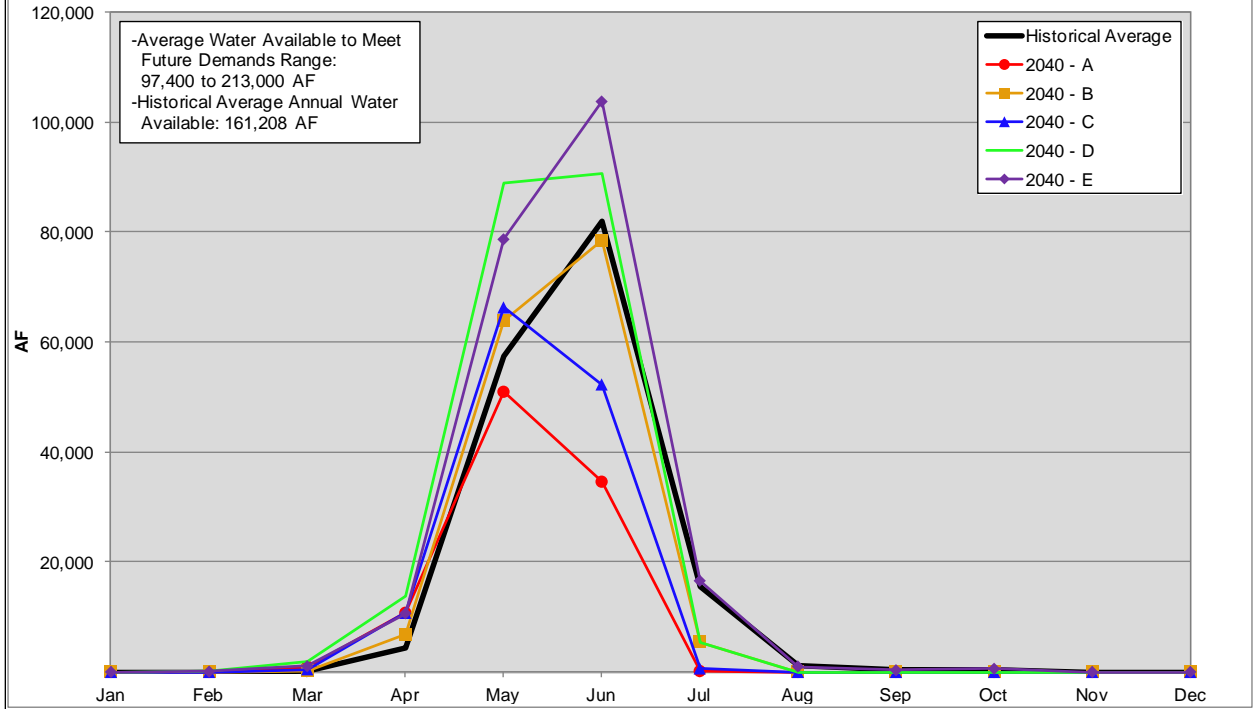
**Figure F38. North Fork White River at Buford (09303000)
2040 Average Water Available to Meet Future Demands**



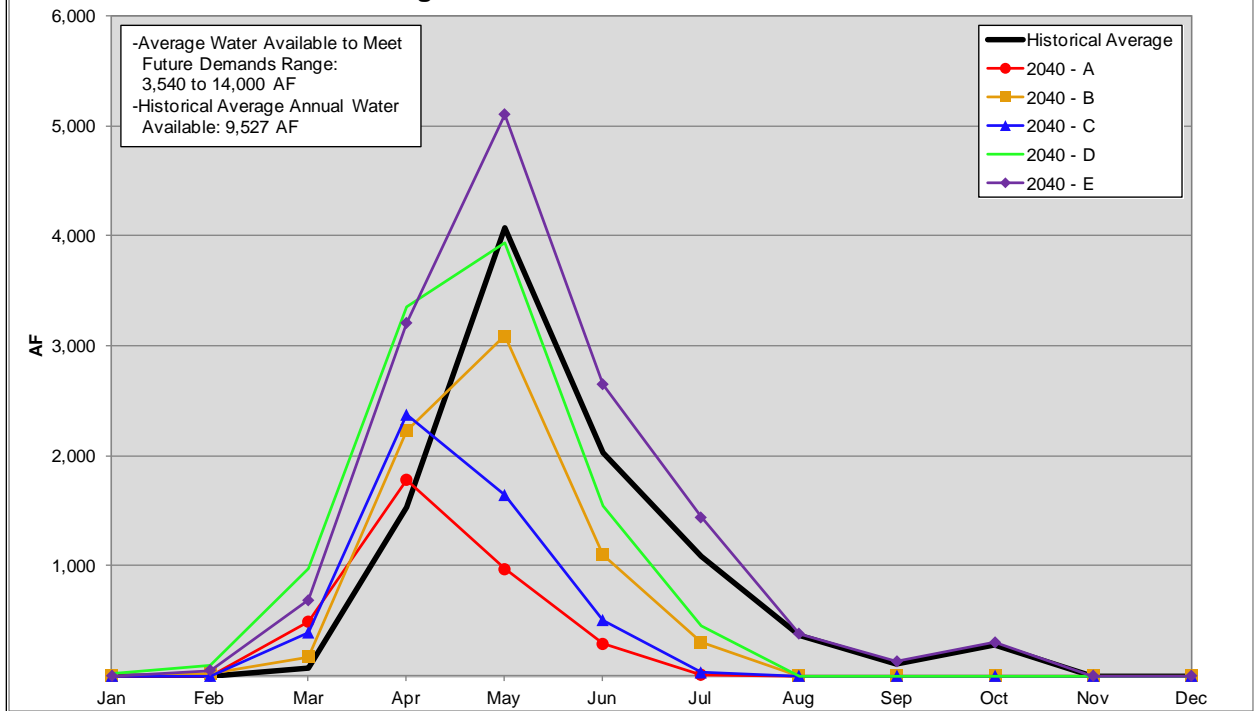
**Figure F39. South Fork White River at Buford (09304000)
2040 Average Water Available to Meet Future Demands**



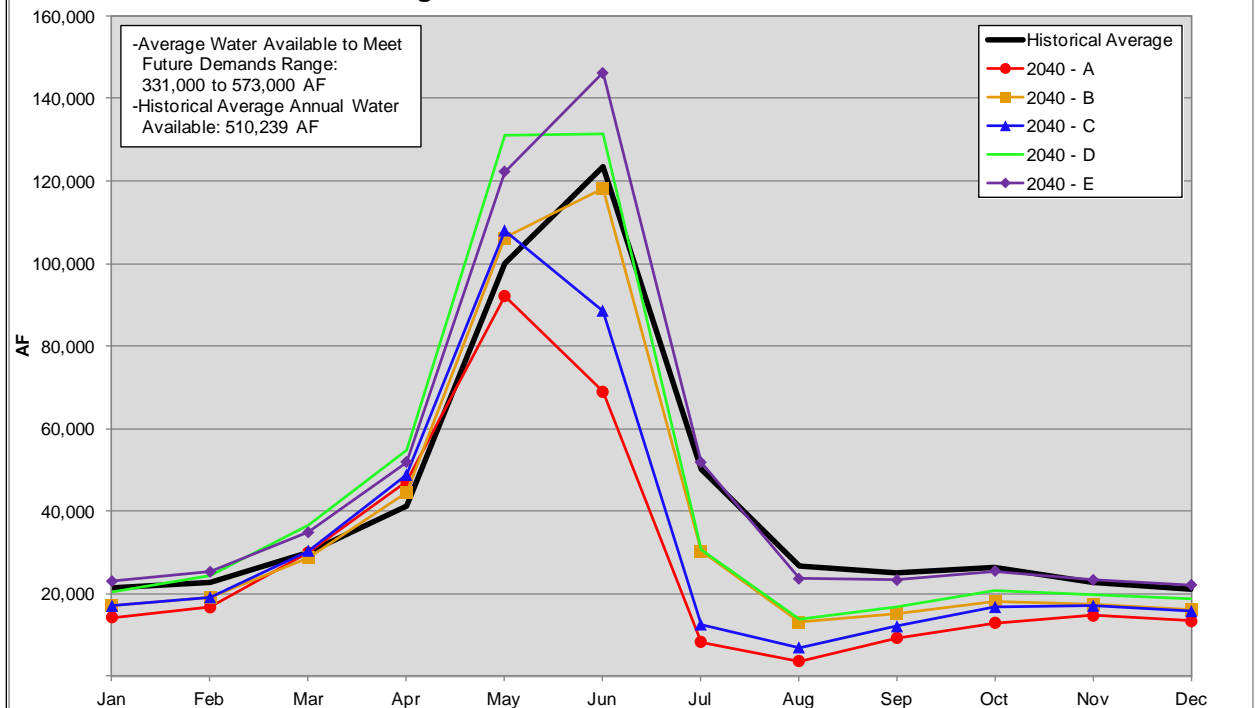
**Figure F40. White River below Meeker (09304800)
2040 Average Water Available to Meet Future Demands**



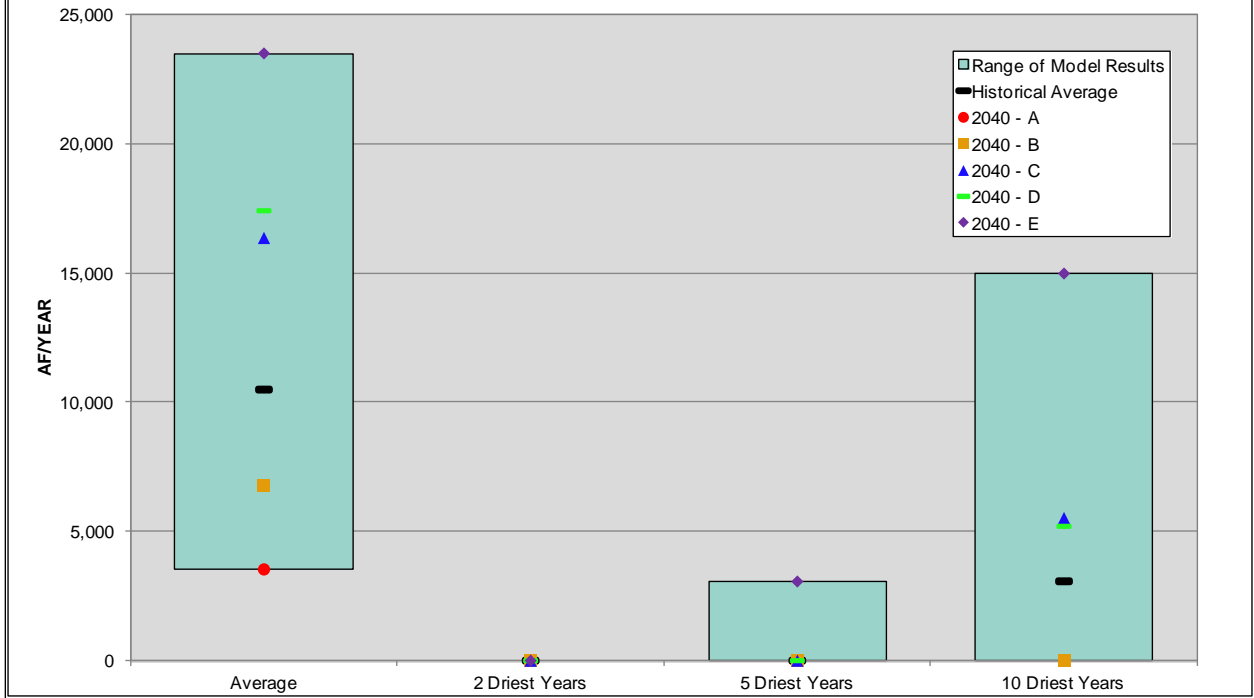
**Figure F41. Piceance Creek at White River (09306222)
2040 Average Water Available to Meet Future Demands**



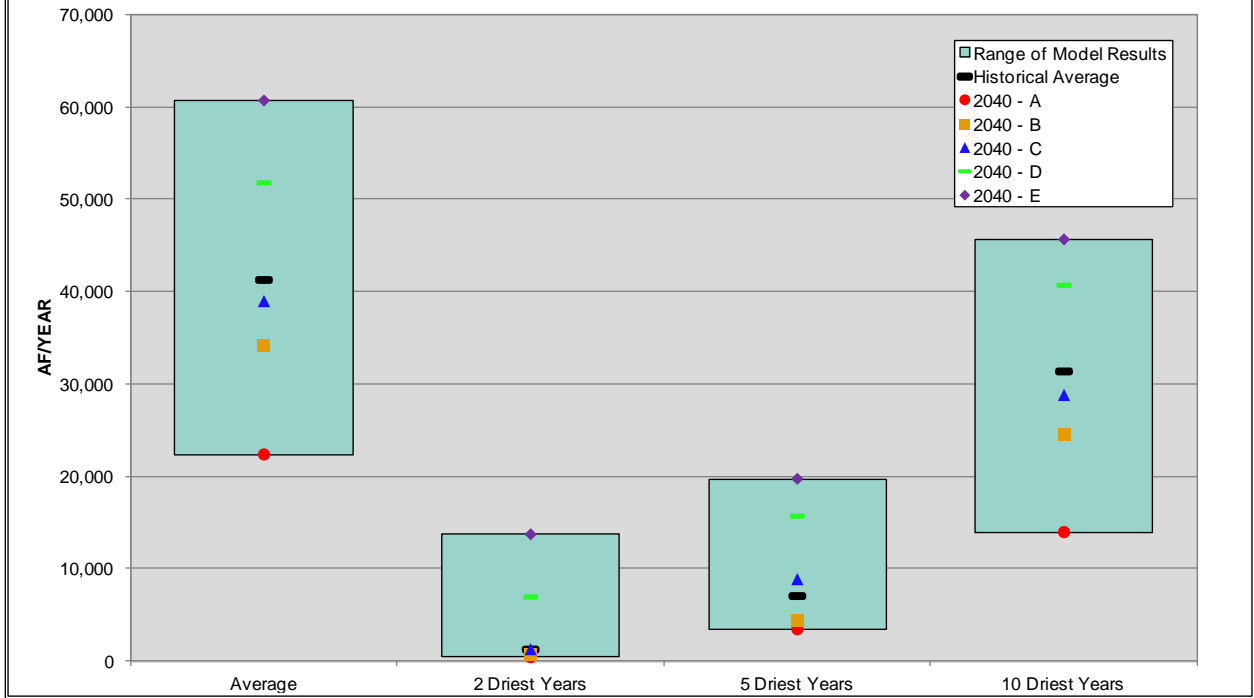
**Figure F42. White River near Colorado State Line, UT (09306395)
2040 Average Water Available to Meet Future Demands**



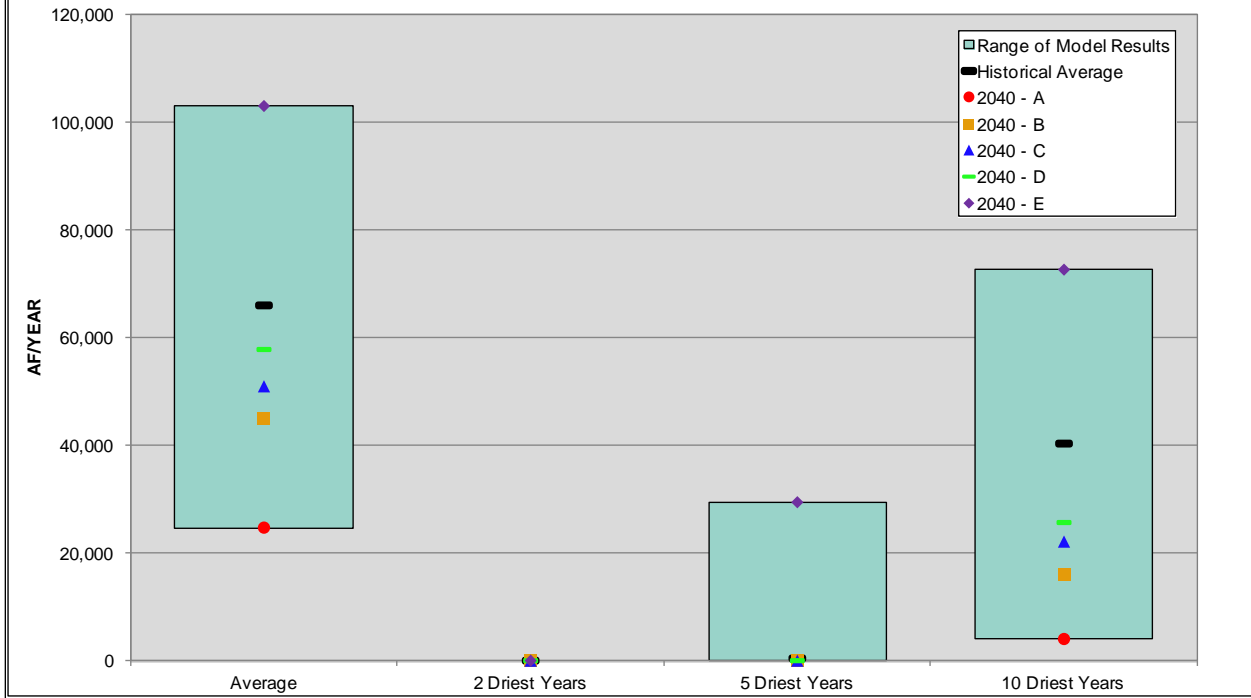
**Figure F43. Colorado River near Grand Lake (09011000)
2040 Water Available to Meet Future Demands**



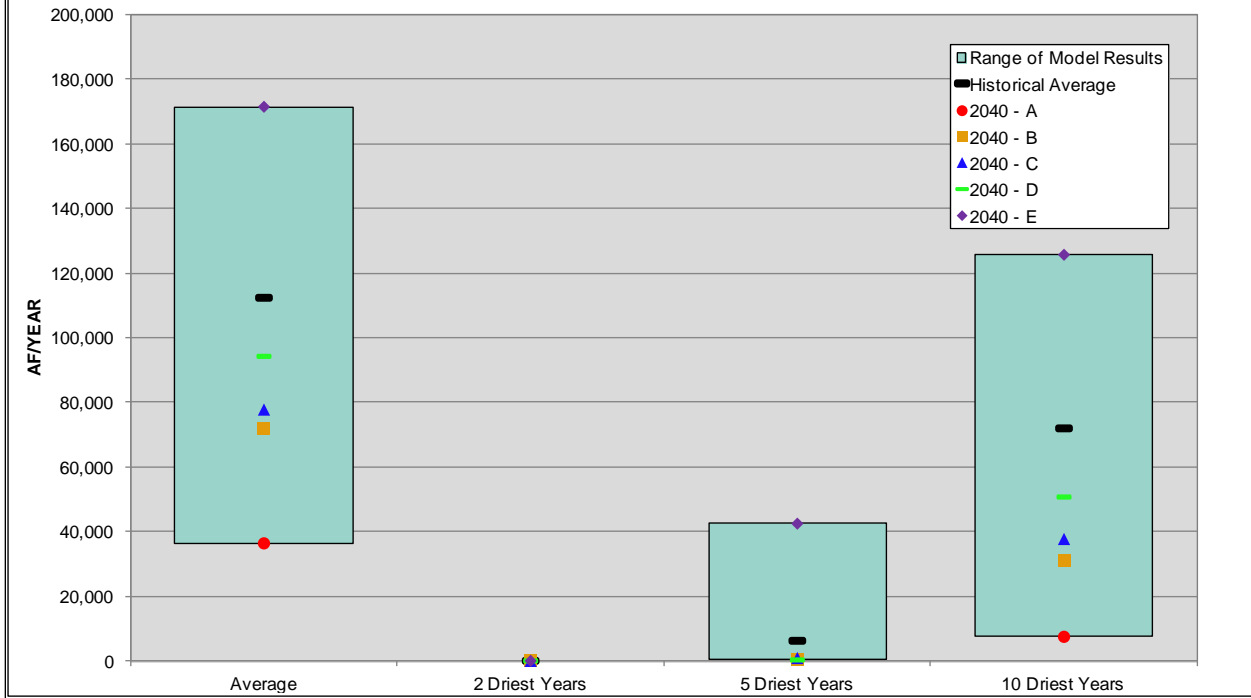
**Figure F44. Muddy Creek at Kremmling (09041500)
2040 Water Available to Meet Future Demands**



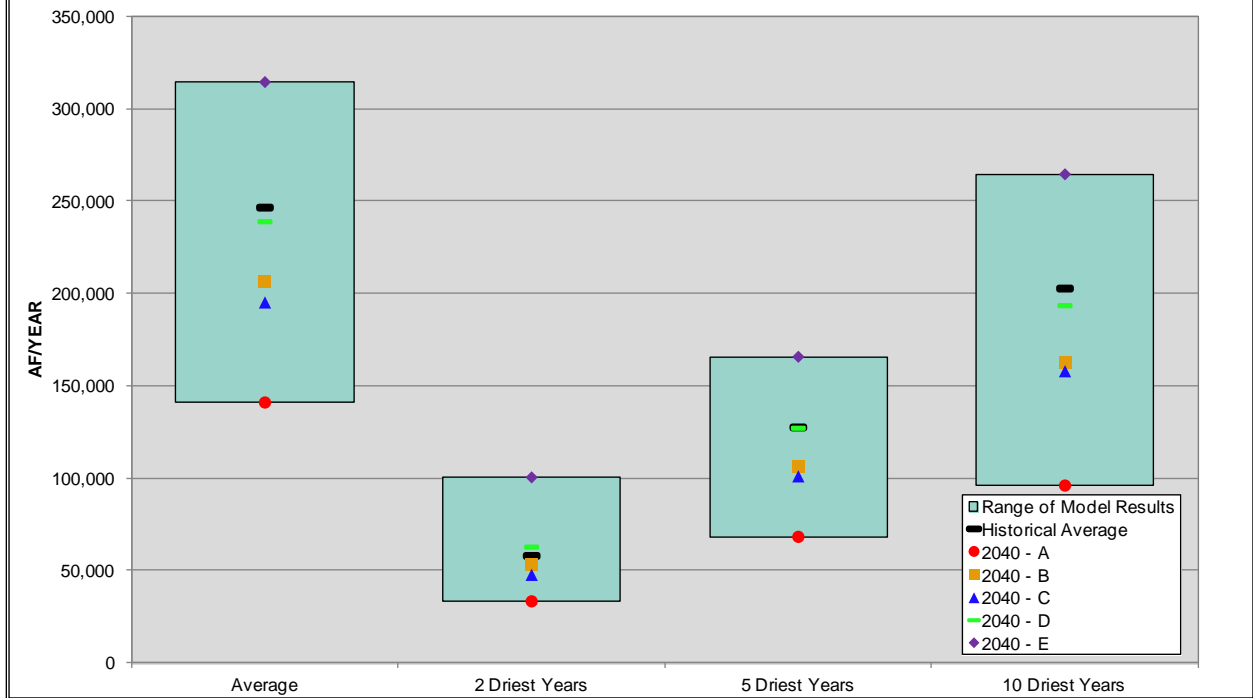
**Figure F45. Blue River below Dillon Reservoir (09050700)
2040 Water Available to Meet Future Demands**



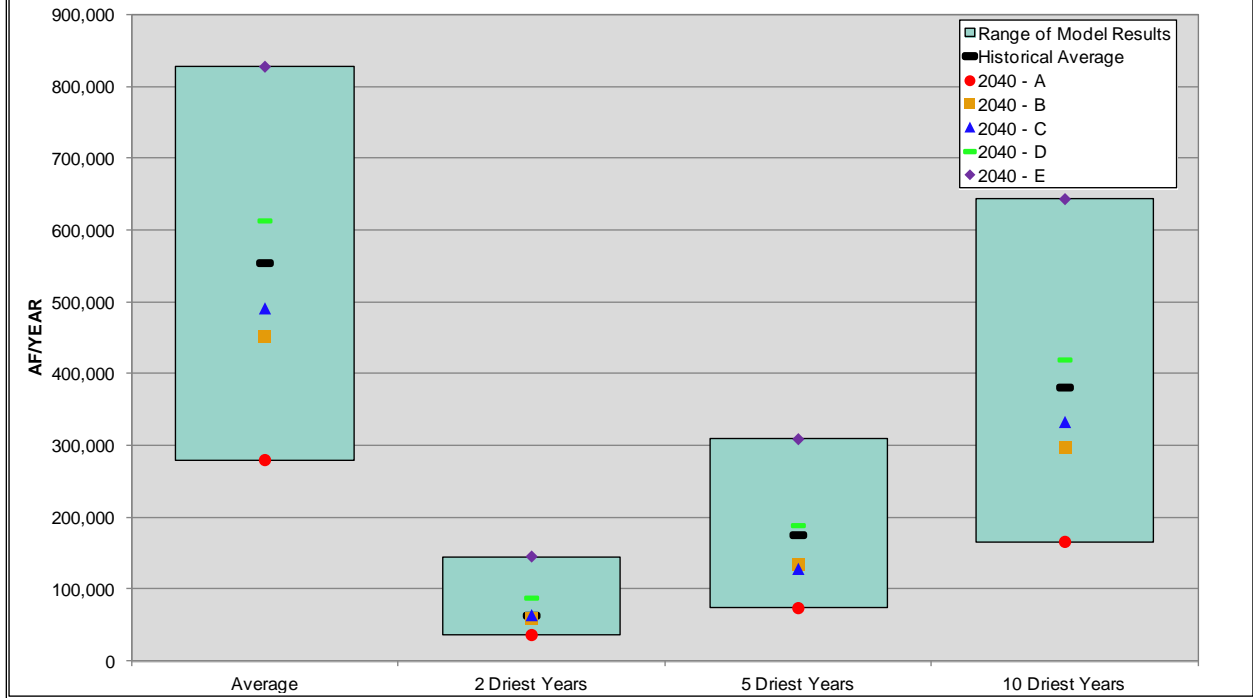
**Figure F46. Blue River below Green Mountain Reservoir (09057500)
2040 Water Available to Meet Future Demands**



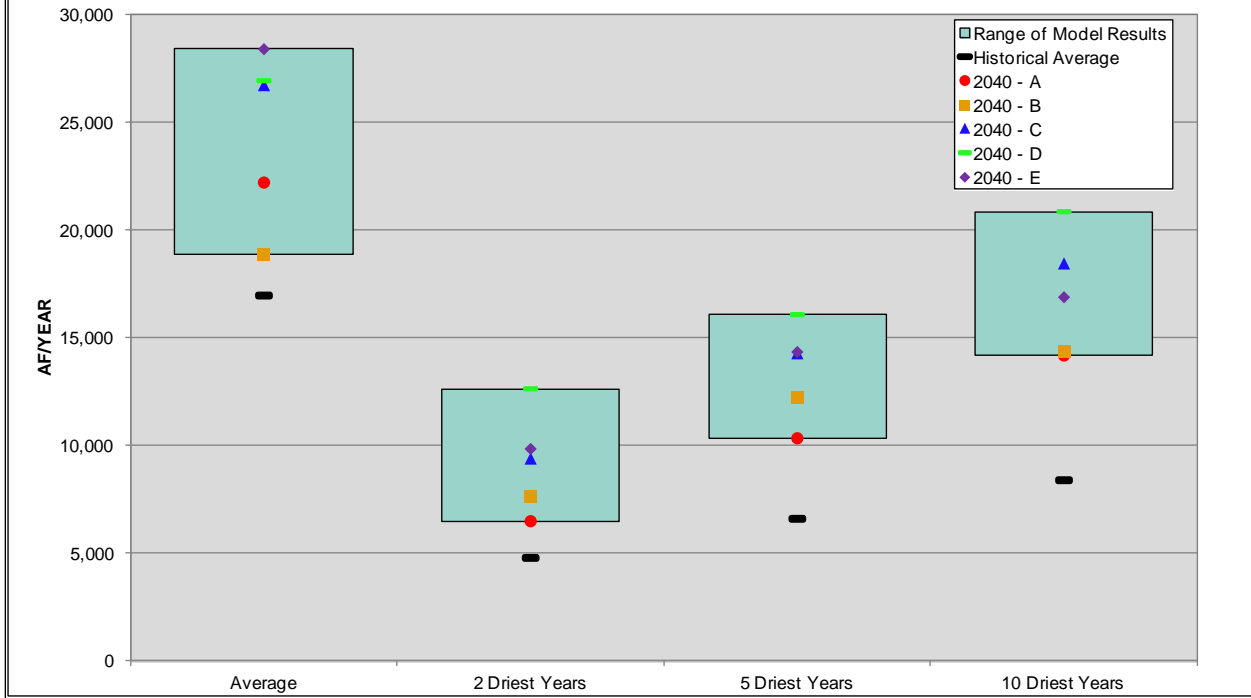
**Figure F47. Eagle River below Gypsum (09070000)
2040 Water Available to Meet Future Demands**



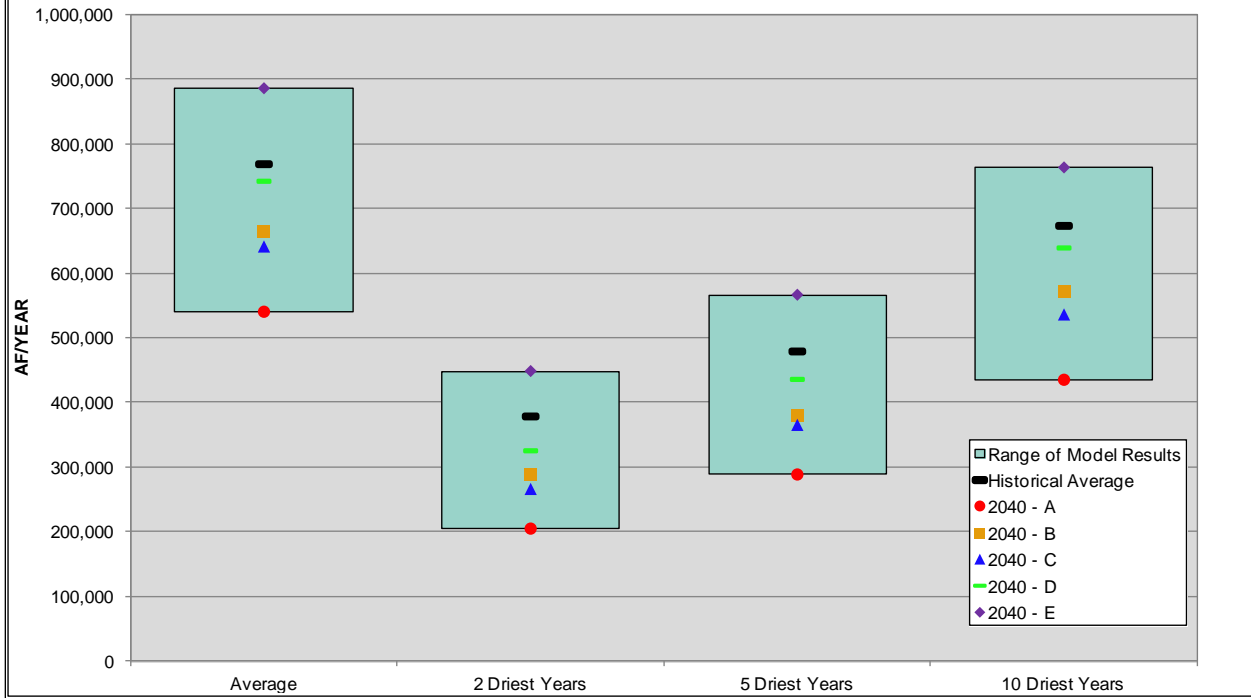
**Figure F48. Colorado River near Dotsero (09070500)
2040 Water Available to Meet Future Demands**



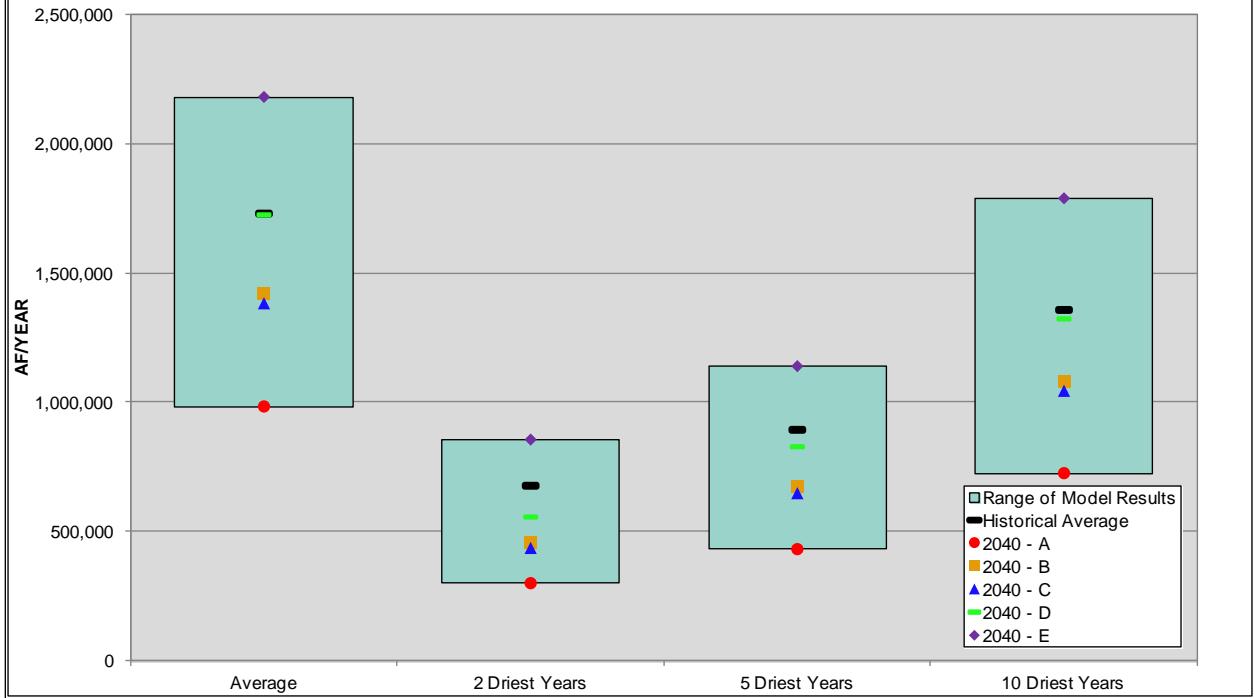
**Figure F49. Roaring Fork River near Aspen (09073400)
2040 Water Available to Meet Future Demands**



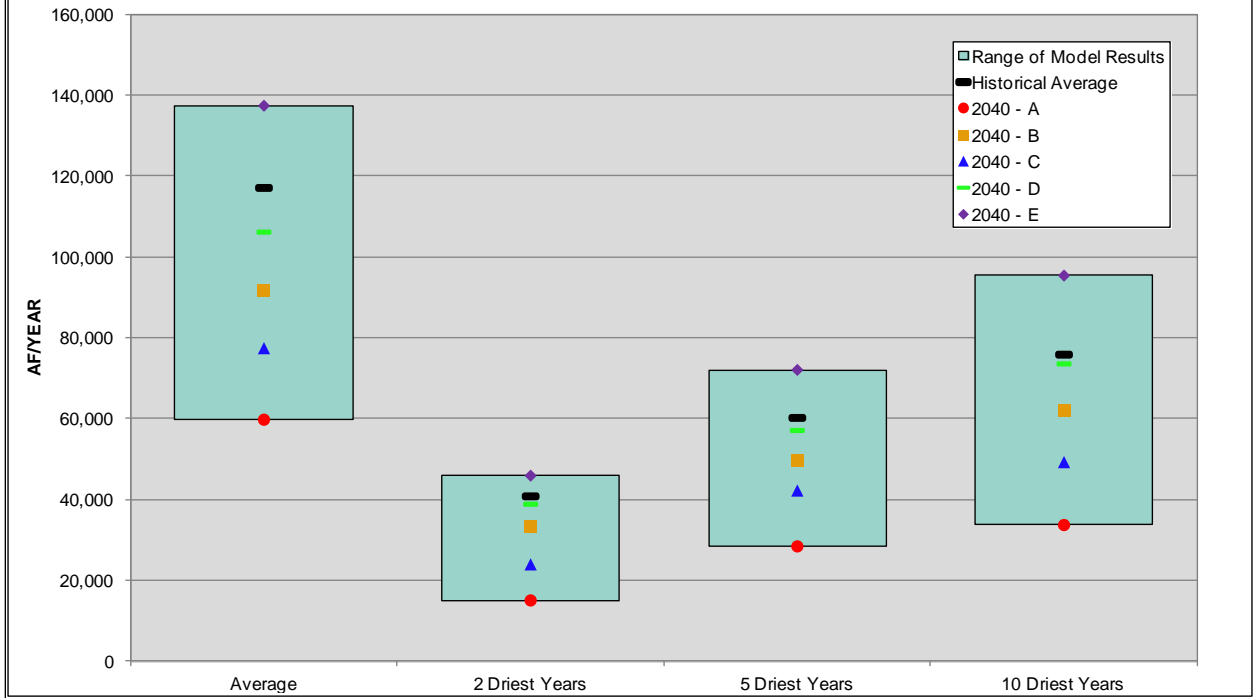
**Figure F50. Roaring Fork River at Glenwood Springs (09085000)
2040 Water Available to Meet Future Demands**



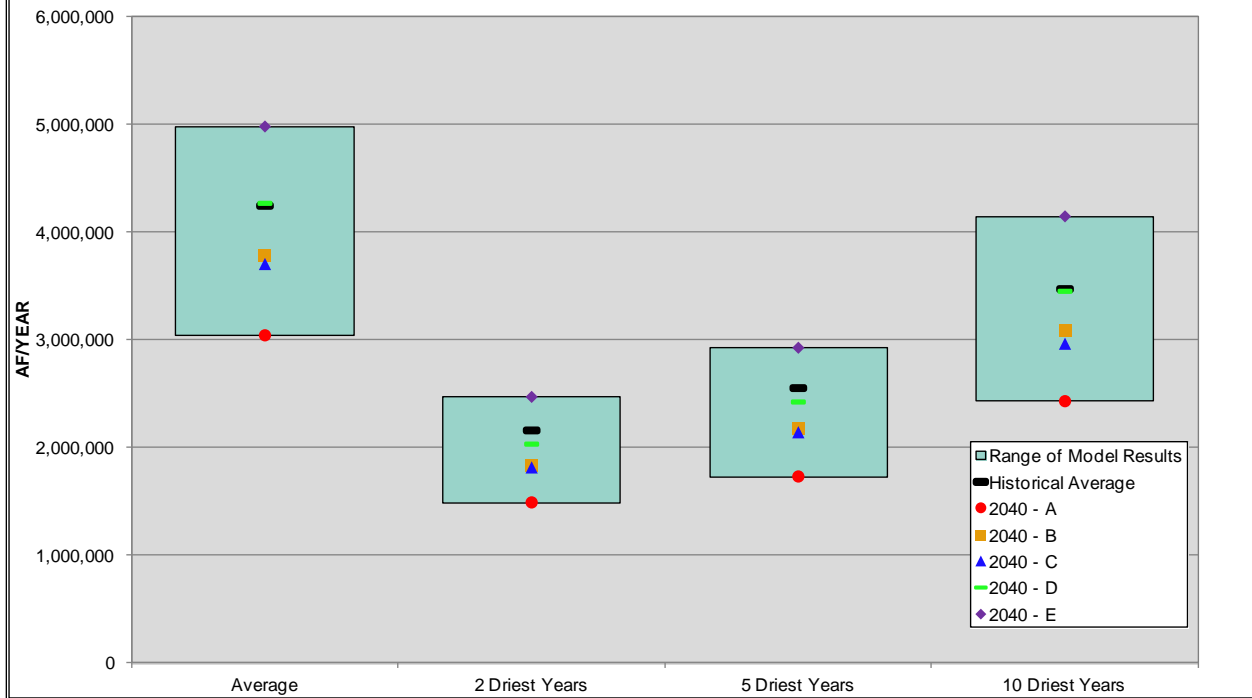
**Figure F51. Colorado River near Cameo (09095500)
2040 Water Available to Meet Future Demands**



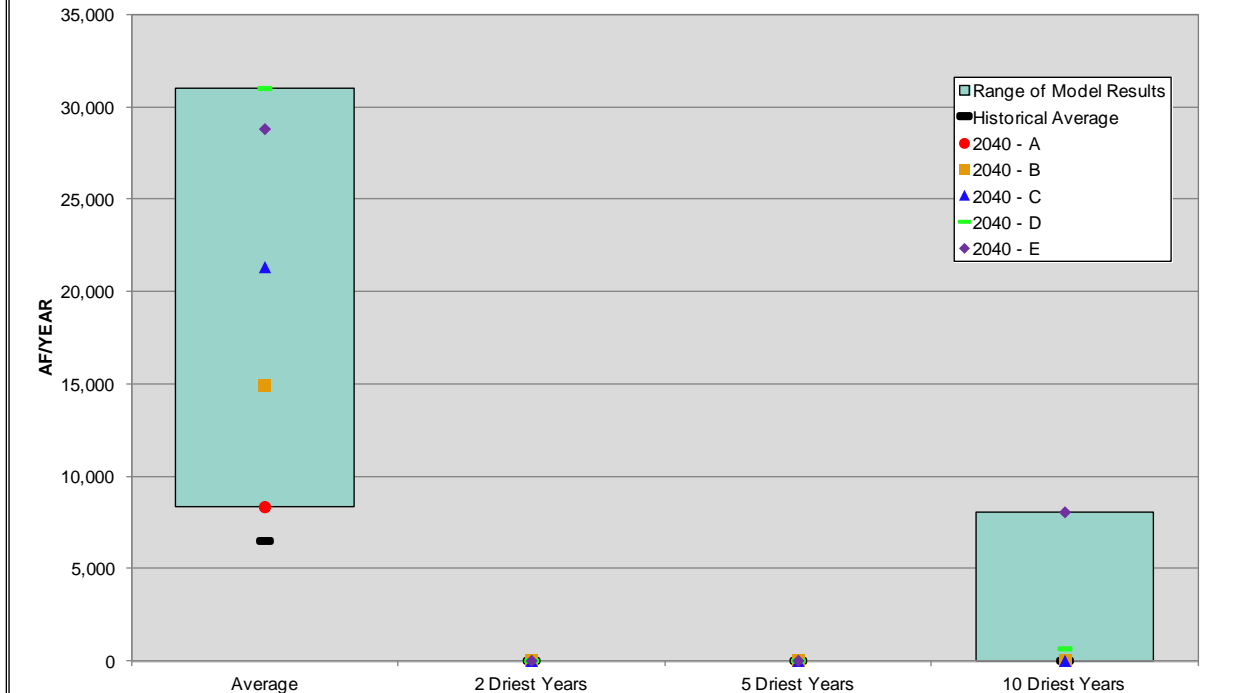
**Figure F52. Plateau Creek near Cameo (09105000)
2040 Water Available to Meet Future Demands**



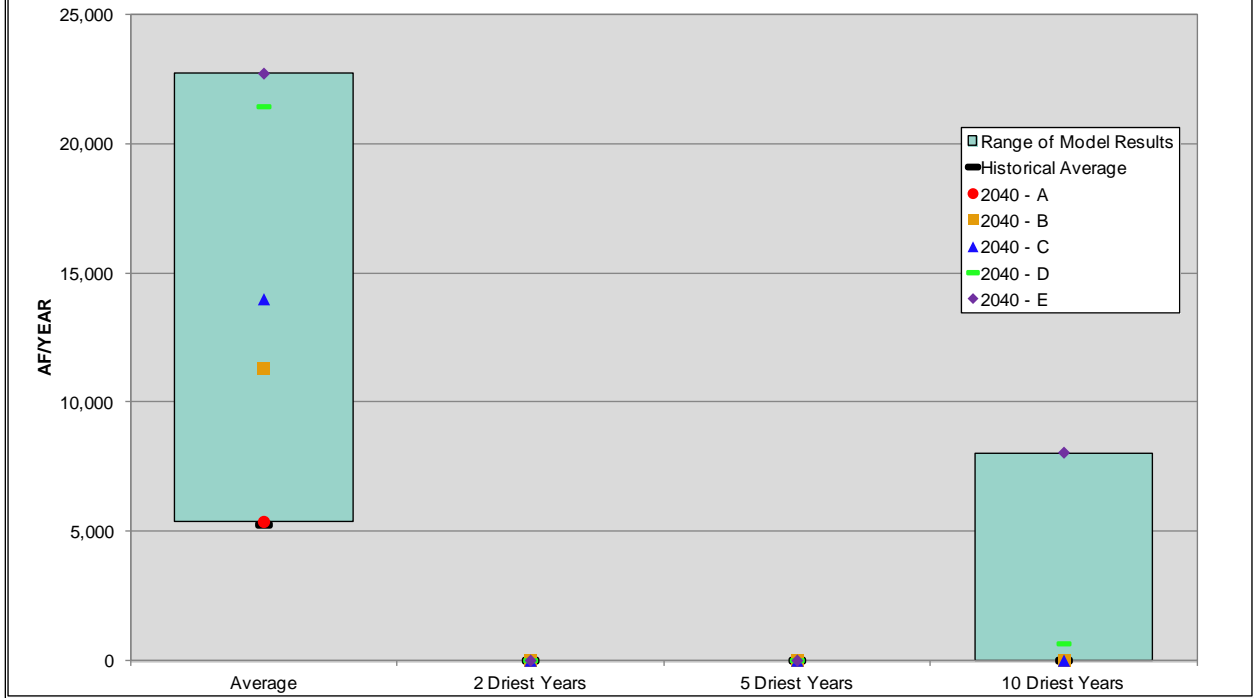
**Figure F53. Colorado River near Colorado-Utah State Line (09163500)
2040 Water Available to Meet Future Demands**



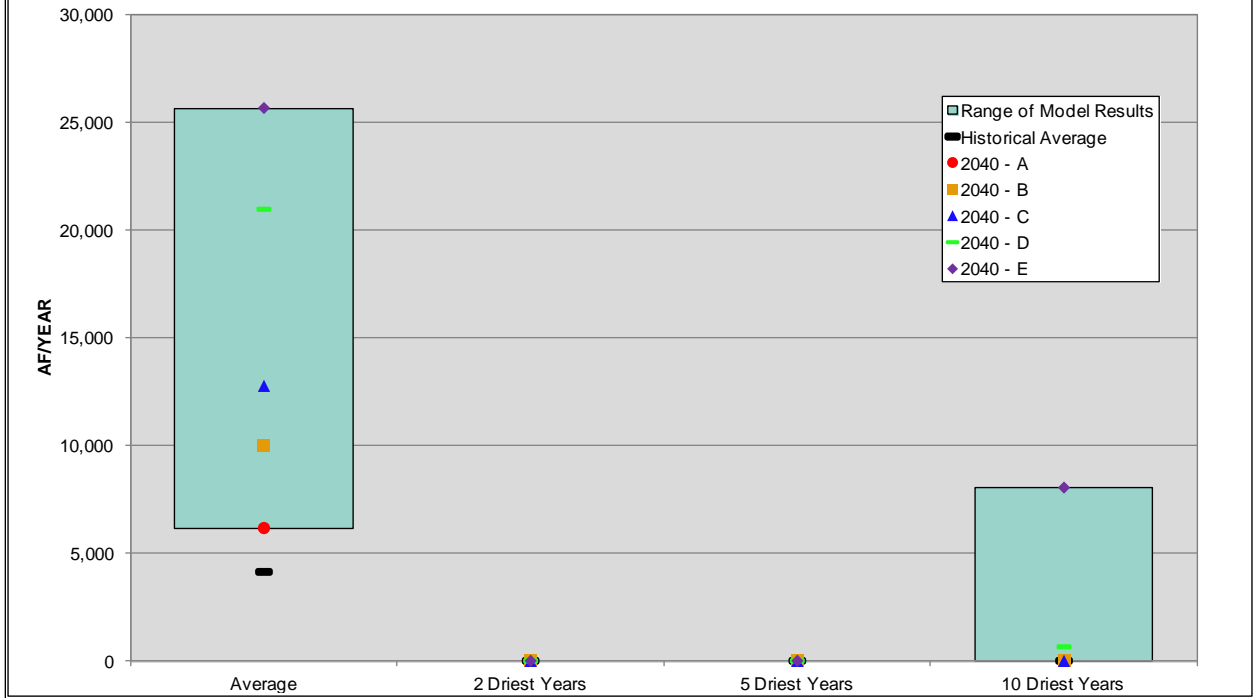
**Figure F54. East River at Almont (09112500)
2040 Water Available to Meet Future Demands**



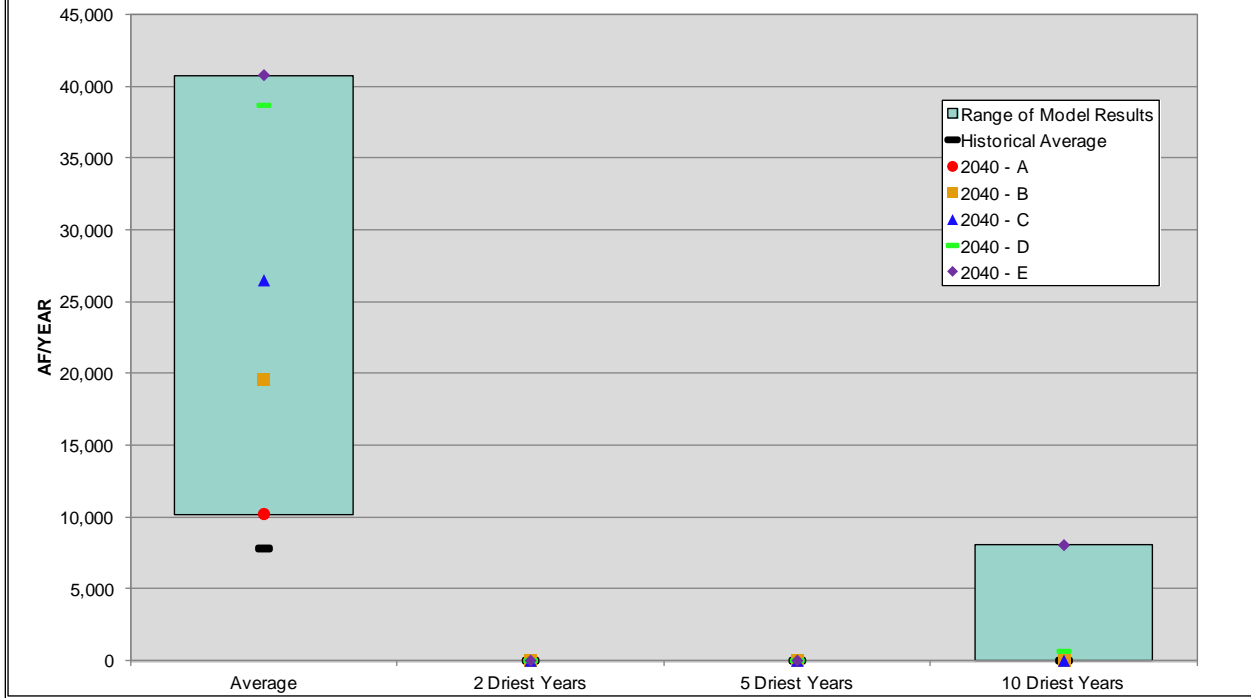
**Figure F55. Taylor River at Almont (09110000)
2040 Water Available to Meet Future Demands**



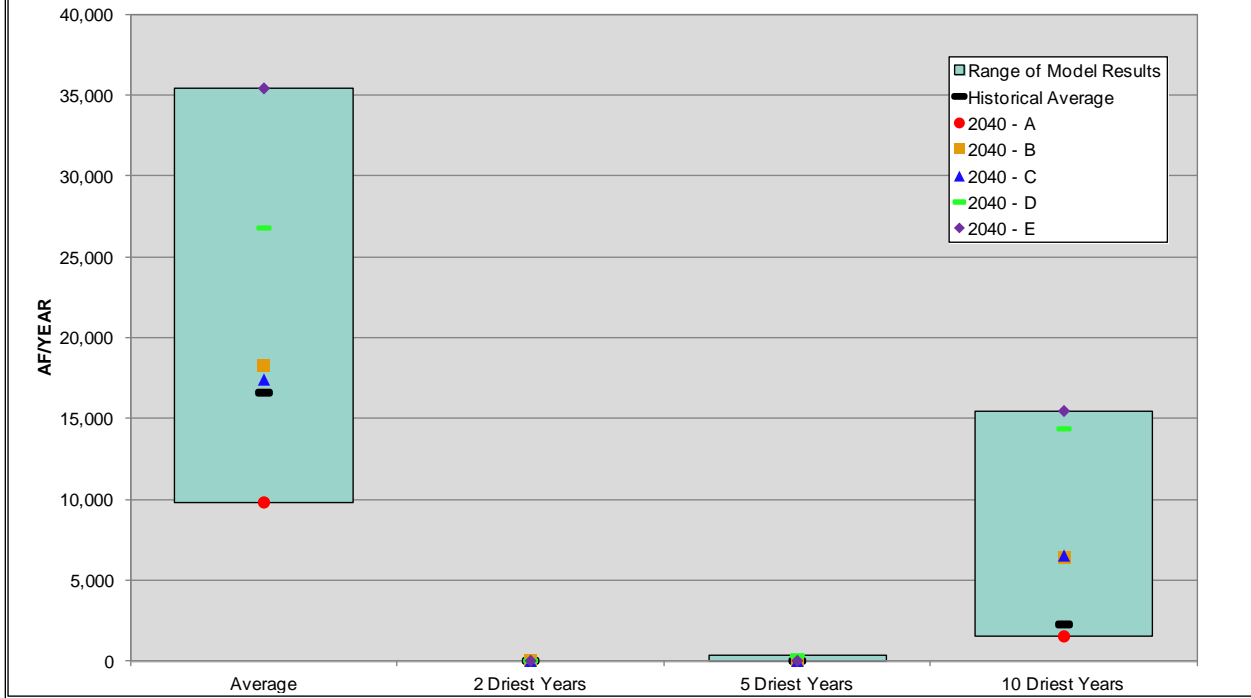
**Figure F56. Tomichi Creek at Gunnison (09119000)
2040 Water Available to Meet Future Demands**



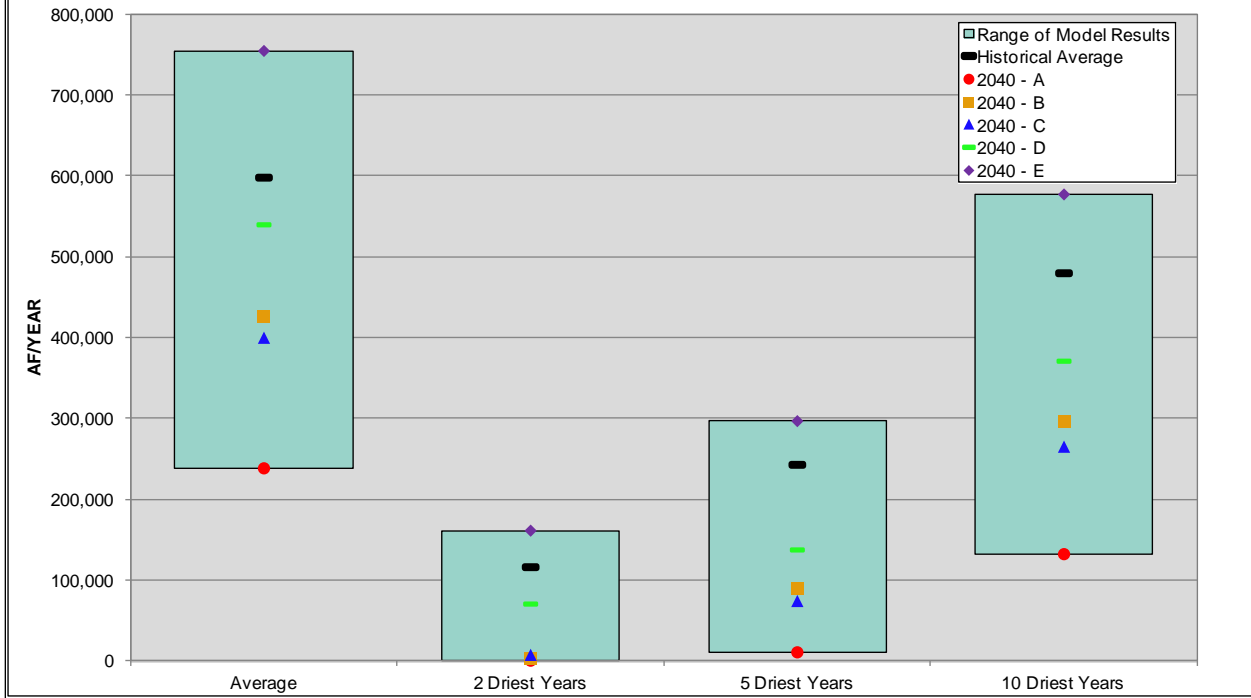
**Figure F57. Gunnison River near Gunnison (09114500)
2040 Water Available to Meet Future Demands**



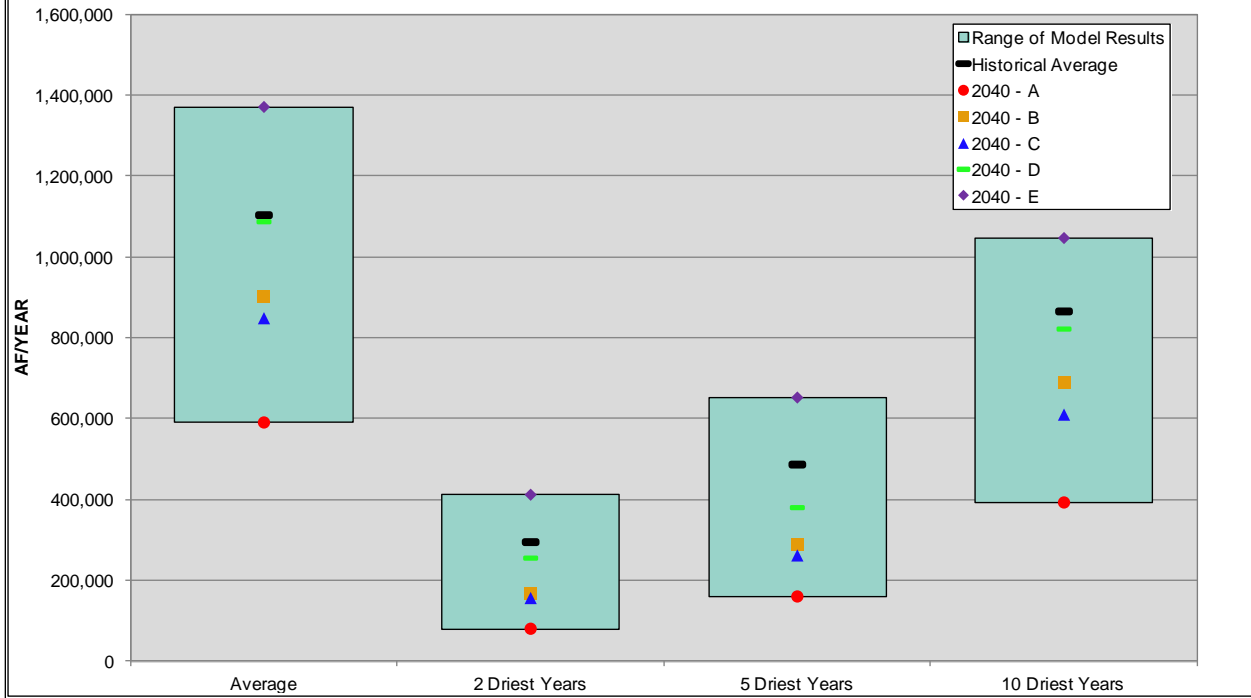
**Figure F58. Cimarron River at Cimarron (09126500)
2040 Water Available to Meet Future Demands**



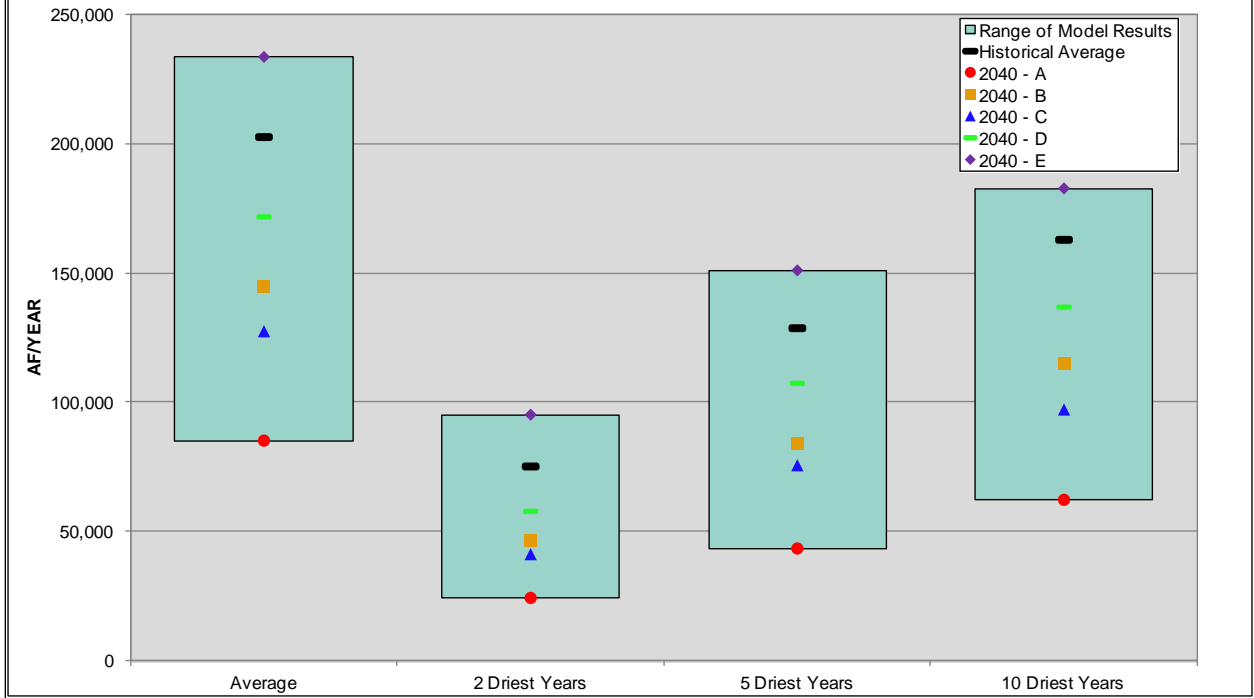
**Figure F59. Gunnison River below Gunnison Tunnel (09128000)
2040 Water Available to Meet Future Demands**



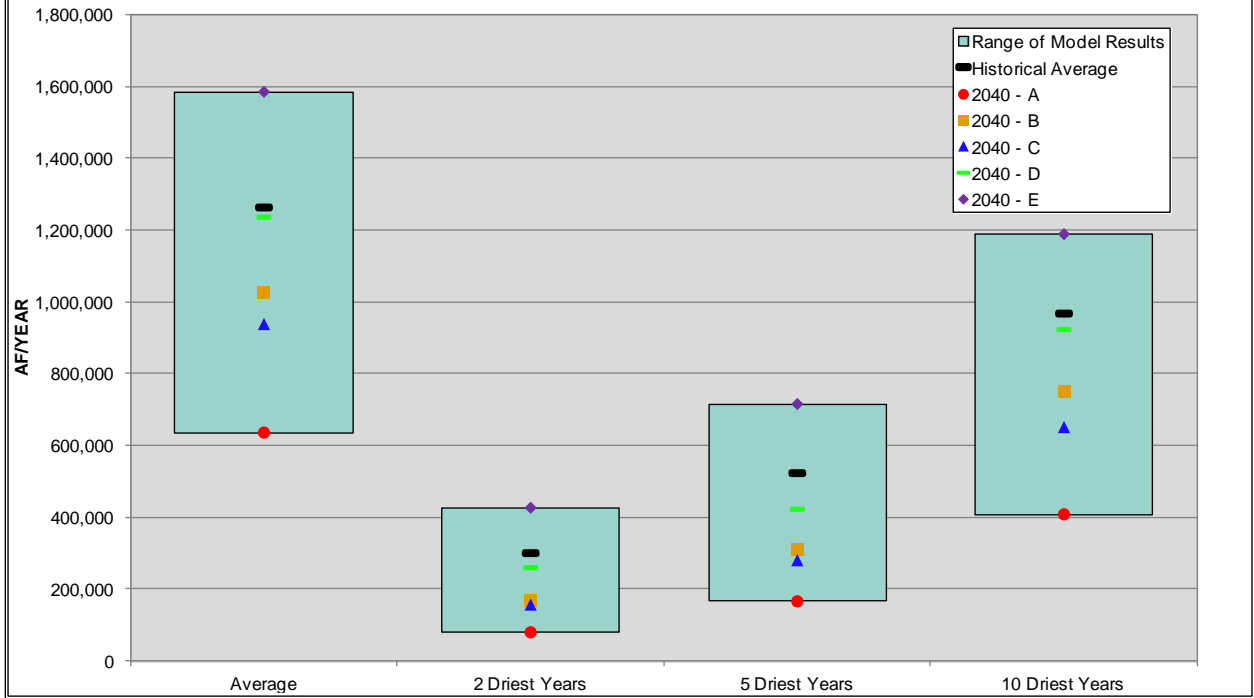
**Figure F60. Gunnison River near Lazear (09136200)
2040 Water Available to Meet Future Demands**



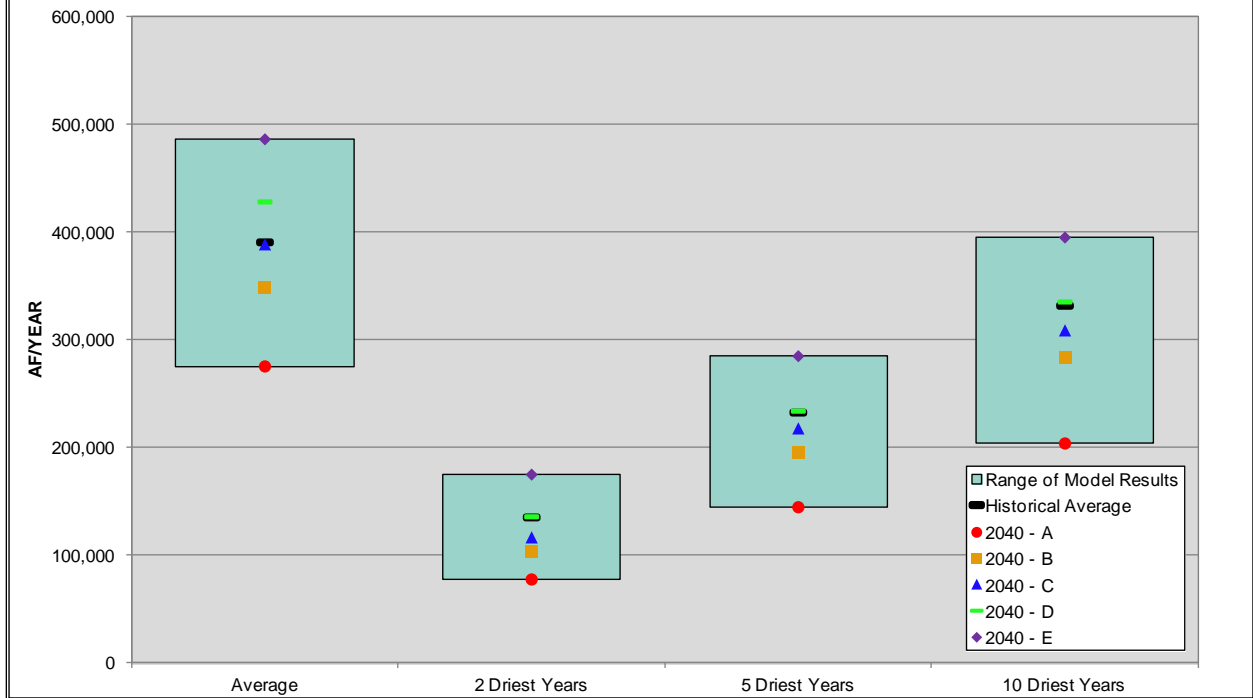
**Figure F61. Uncompahgre River at Delta (09149500)
2040 Water Available to Meet Future Demands**



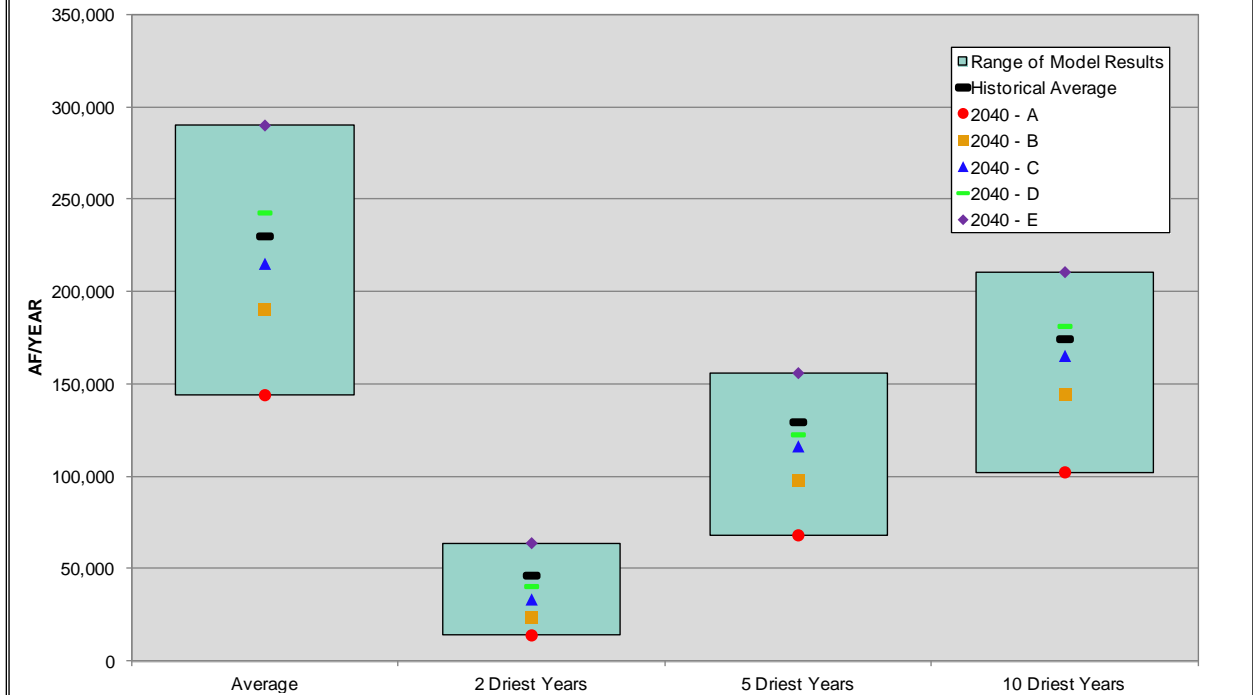
**Figure F62. Gunnison River near Grand Junction (09152500)
2040 Water Available to Meet Future Demands**



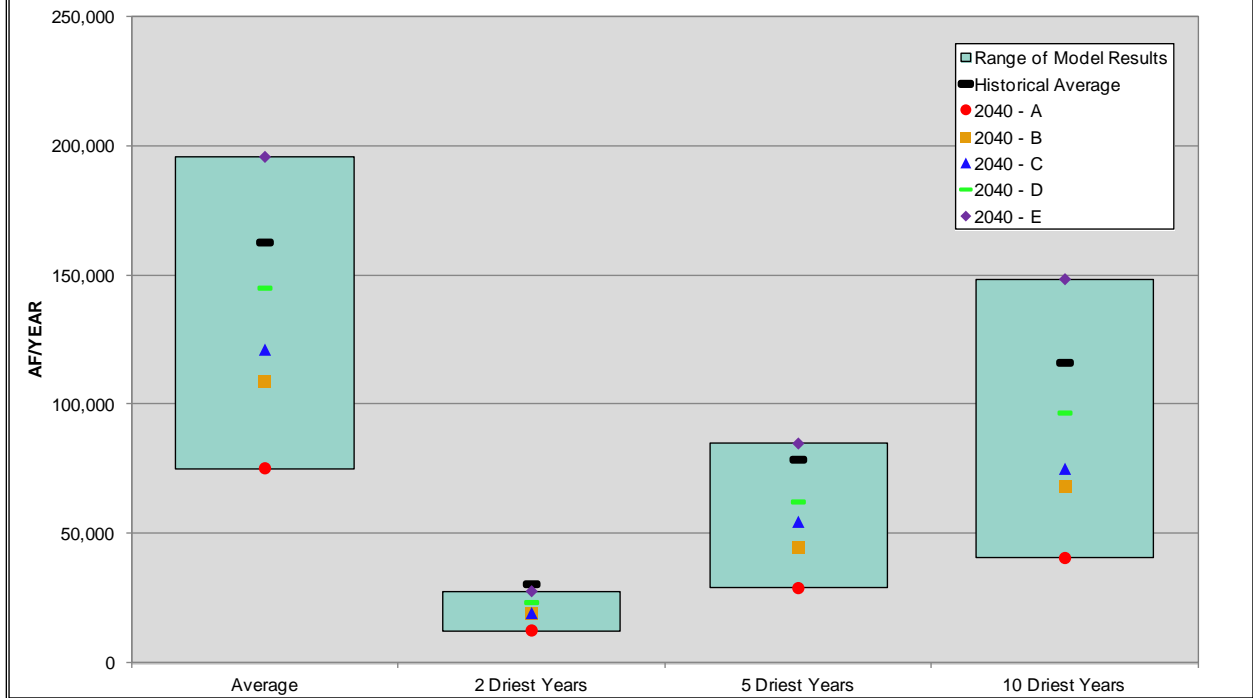
**Figure F63. San Juan River near Carracas (09346400)
2040 Water Available to Meet Future Demands**



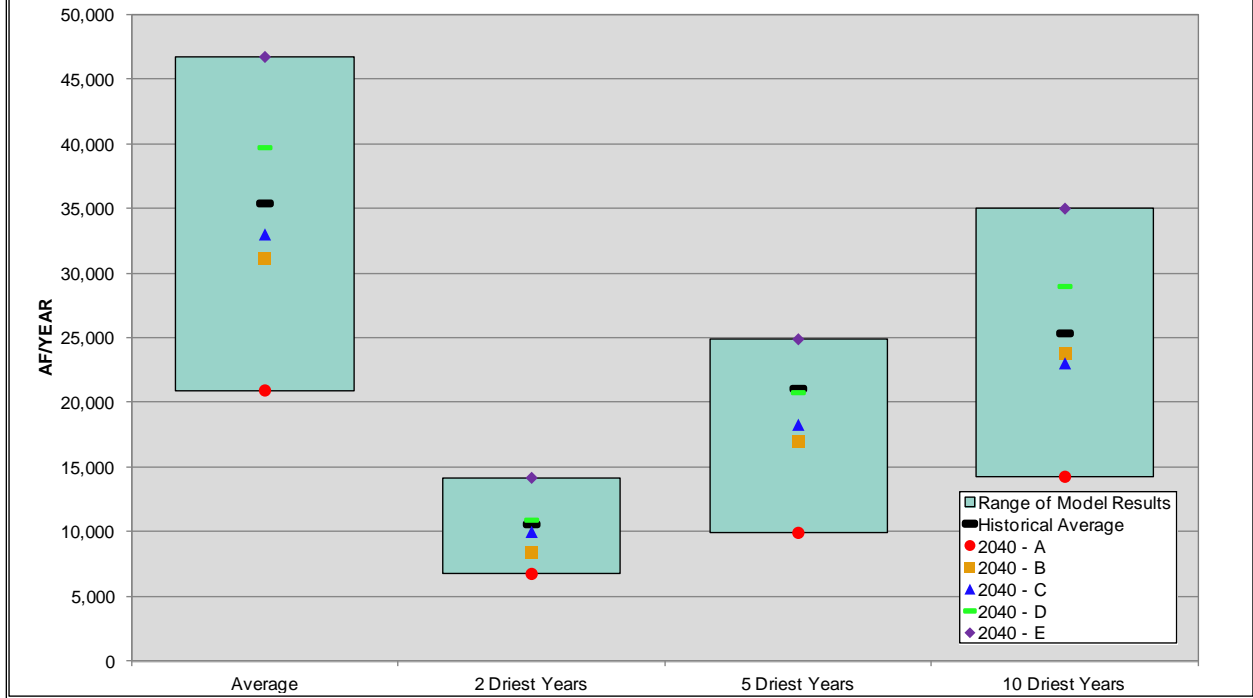
**Figure F64. Piedra River near Arboles (09349800)
2040 Water Available to Meet Future Demands**



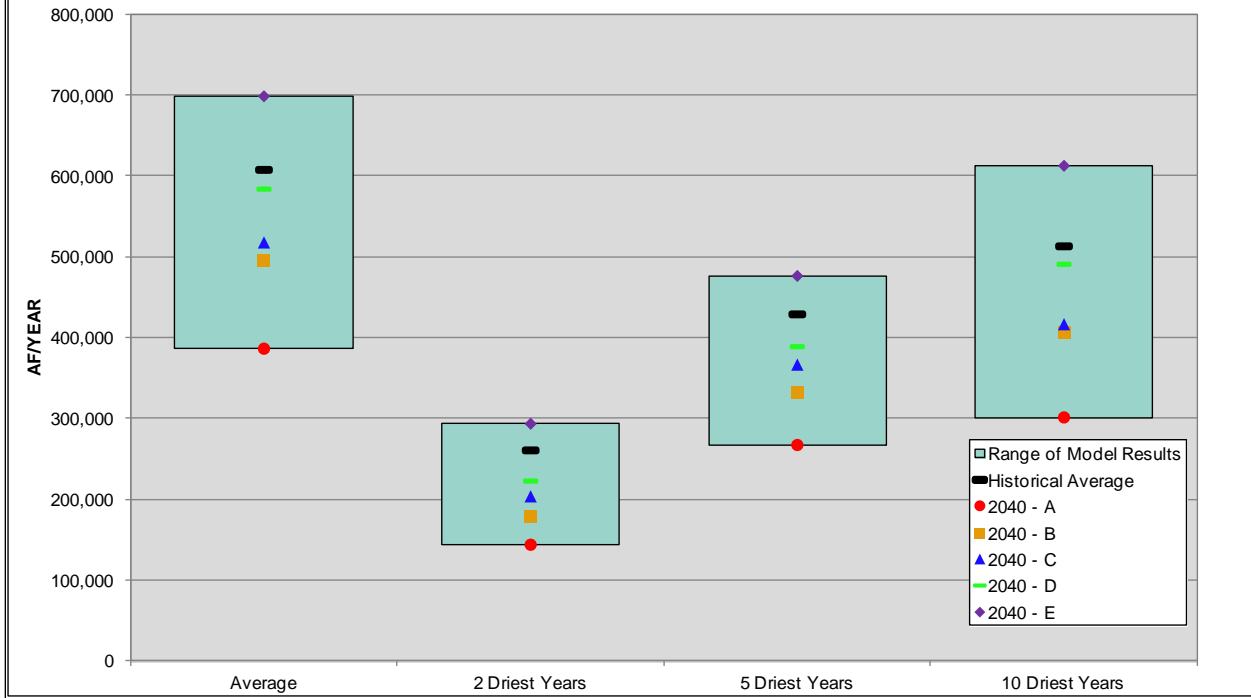
**Figure F65. Los Pinos River at La Boca (09354500)
2040 Water Available to Meet Future Demands**



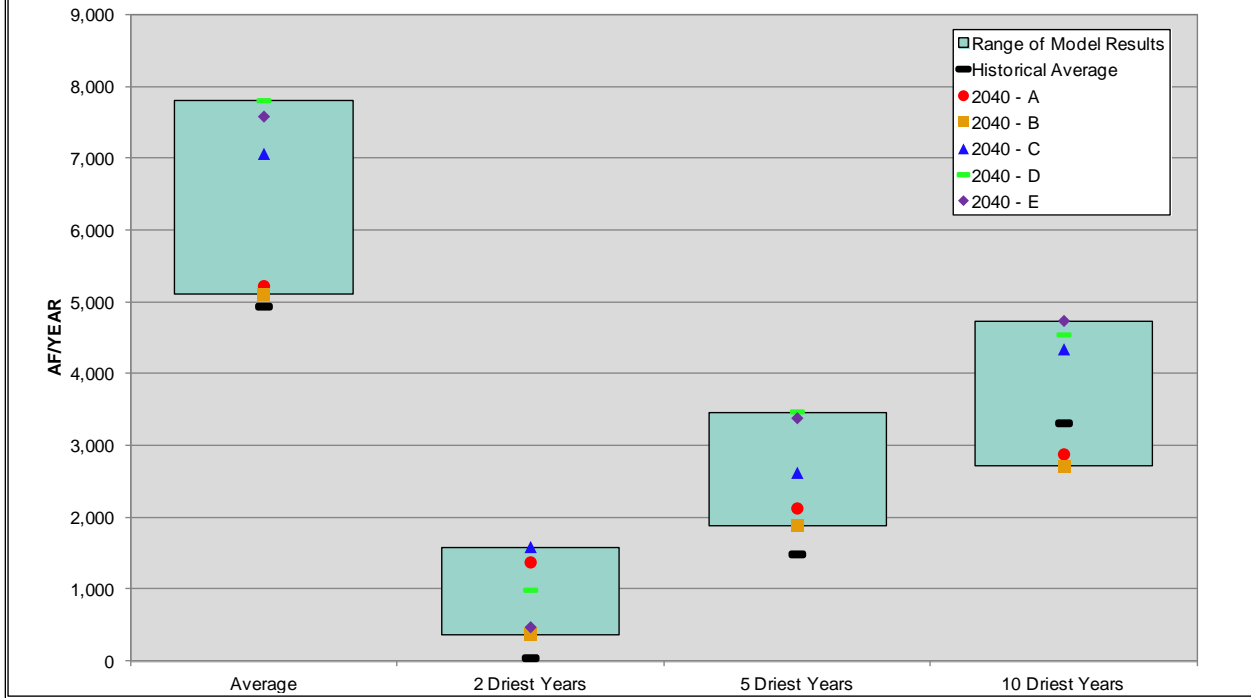
**Figure F66. Florida River at Bondad (09363200)
2040 Water Available to Meet Future Demands**

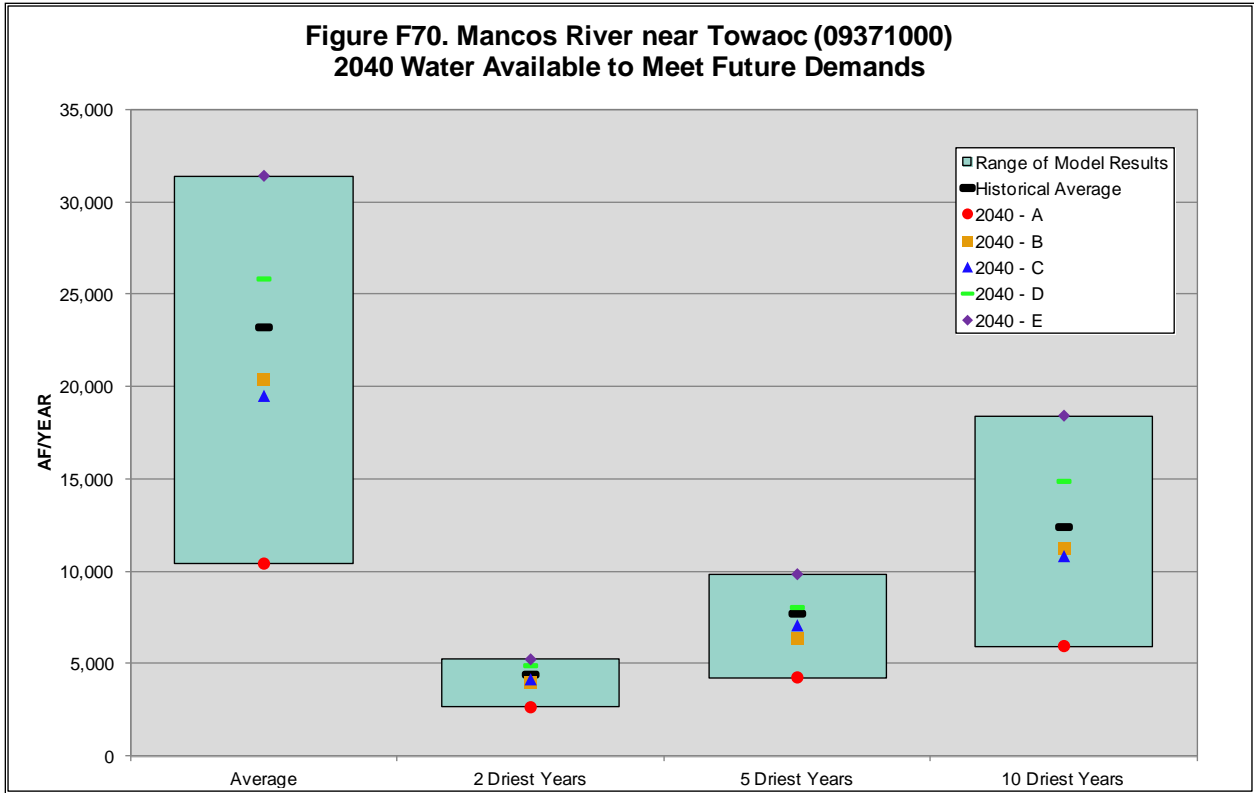
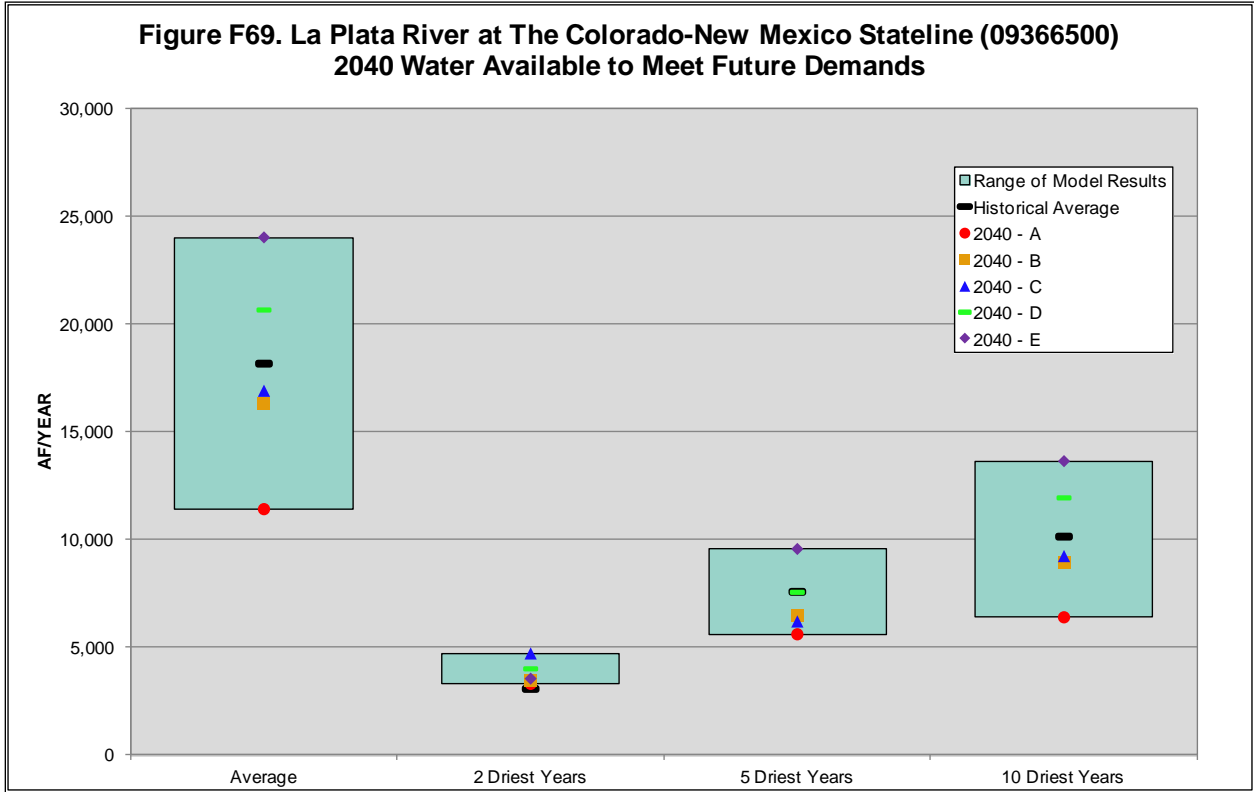


**Figure F67. Animas River near Cedar Hill, NM (09363500)
2040 Water Available to Meet Future Demands**

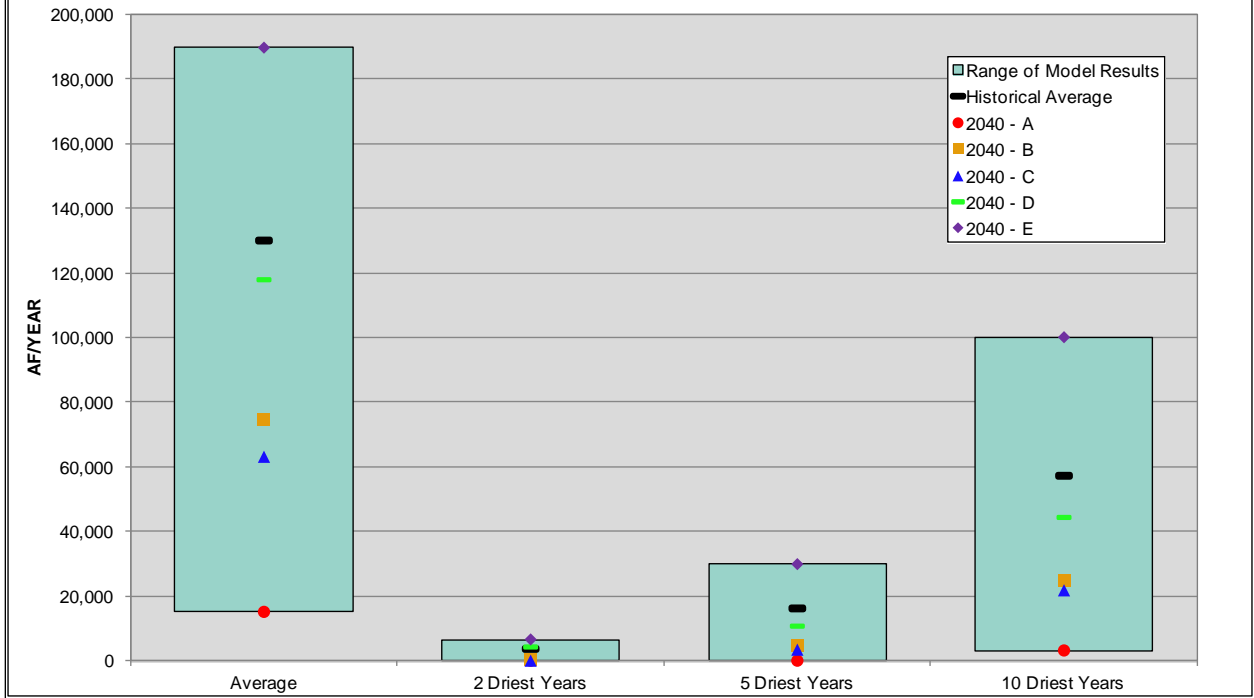


**Figure F68. La Plata River at Hesperus (09365500)
2040 Water Available to Meet Future Demands**

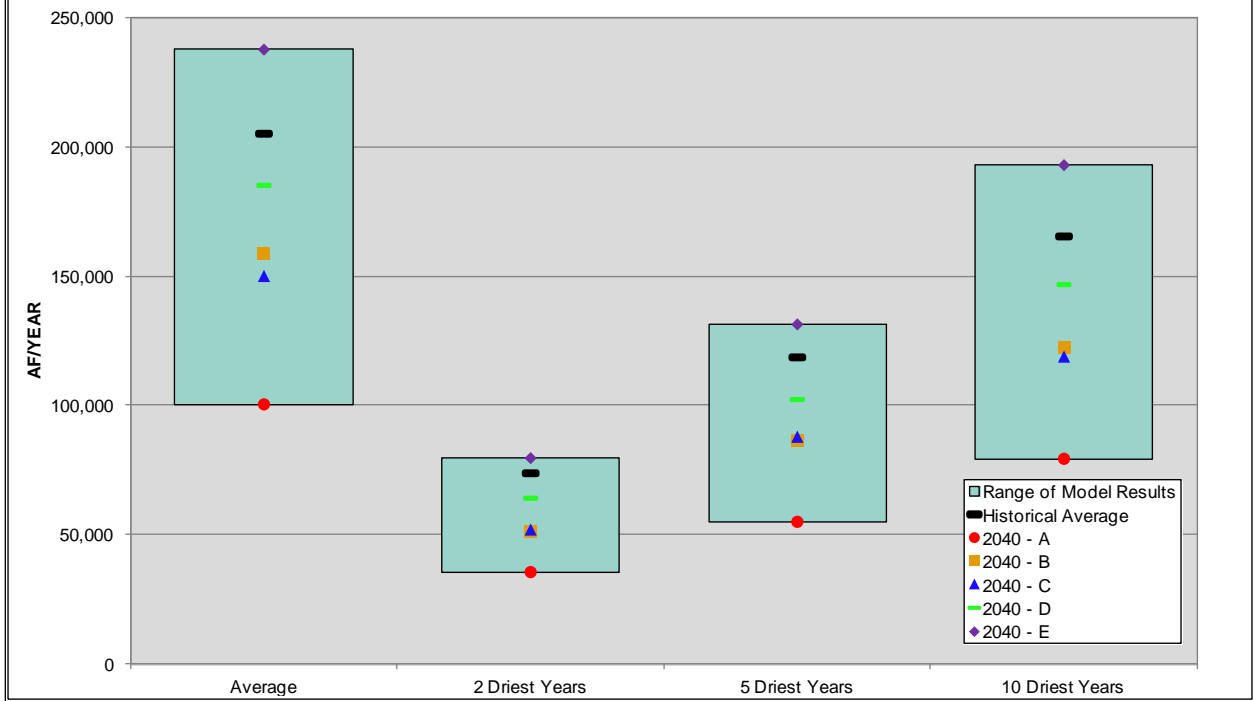




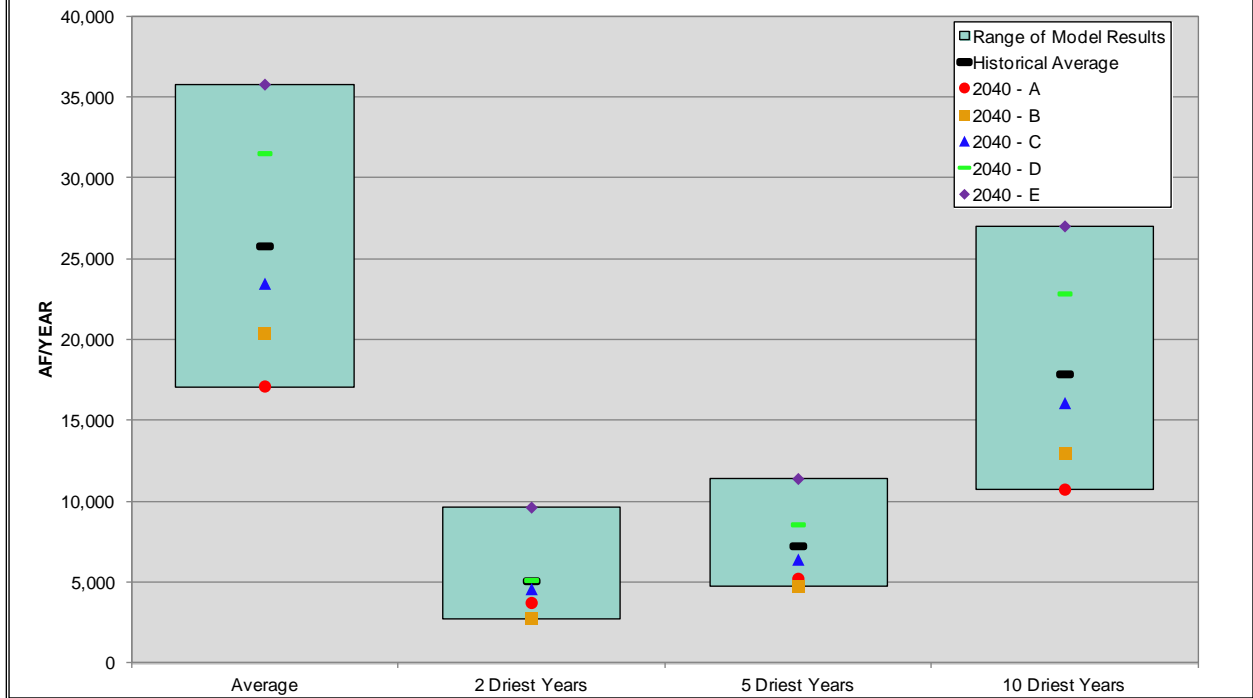
**Figure F71. Dolores River near Bedrock (09171100)
2040 Water Available to Meet Future Demands**



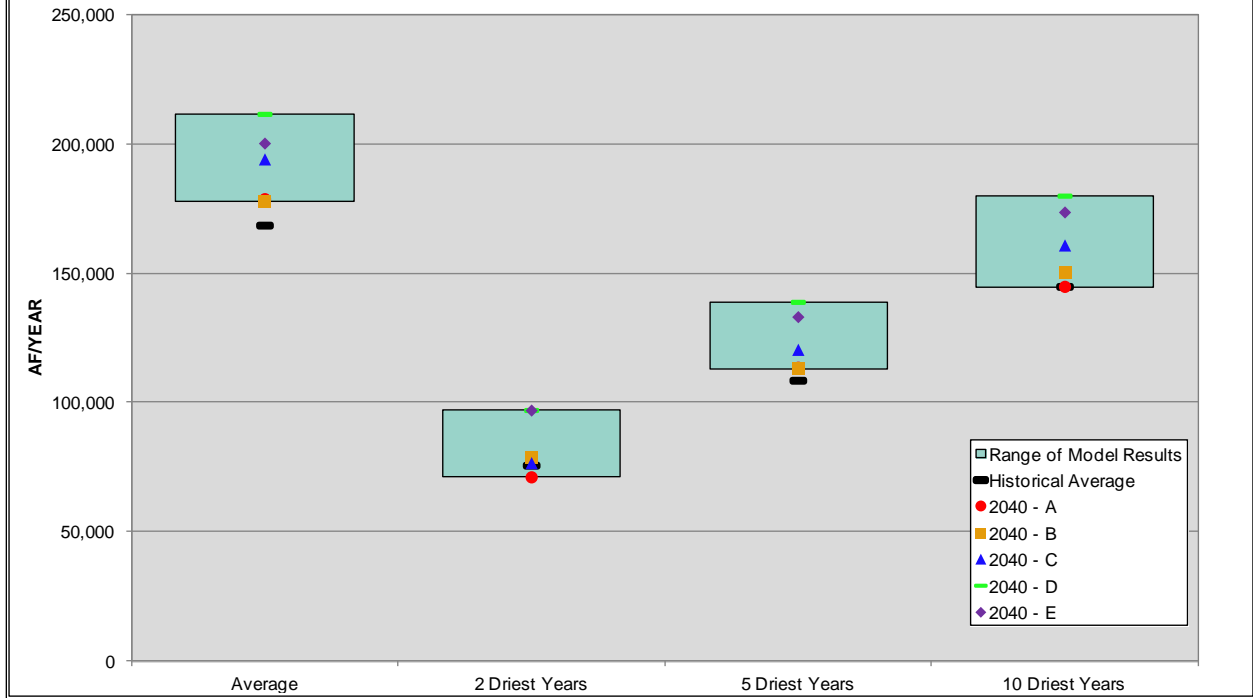
**Figure F72. San Miguel River at Naturita (09175500)
2040 Water Available to Meet Future Demands**



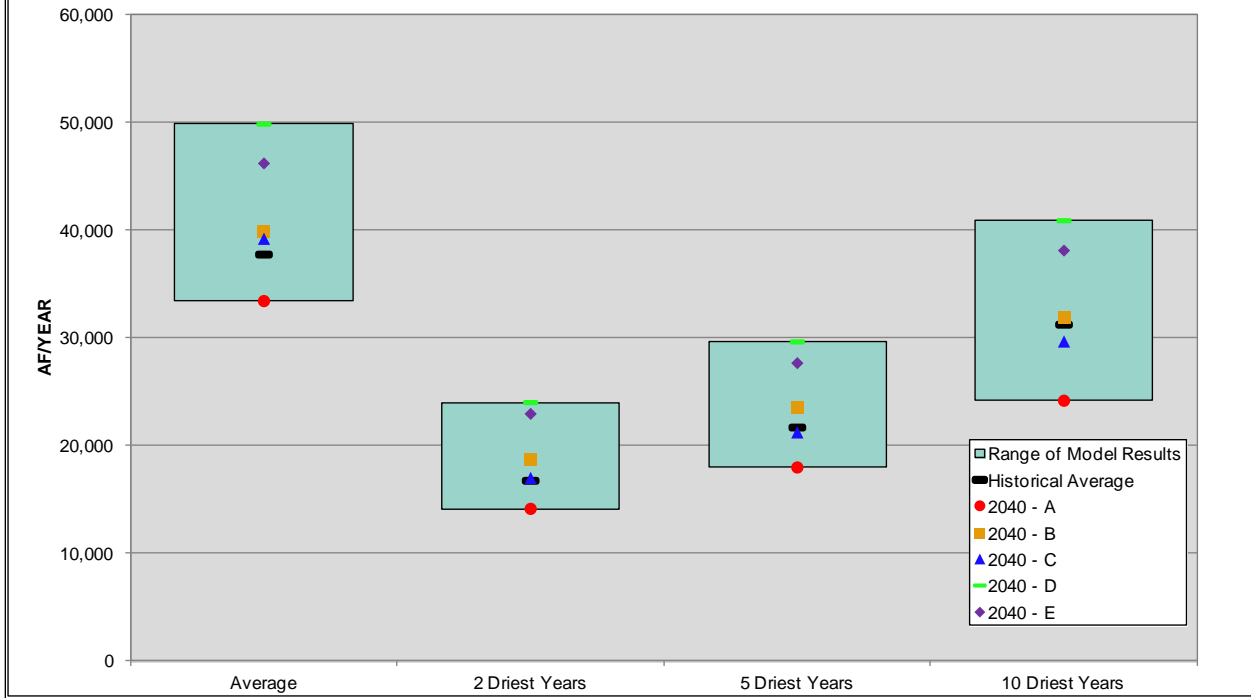
**Figure F73. Yampa River below Stagecoach Reservoir (09237500)
2040 Water Available to Meet Future Demands**



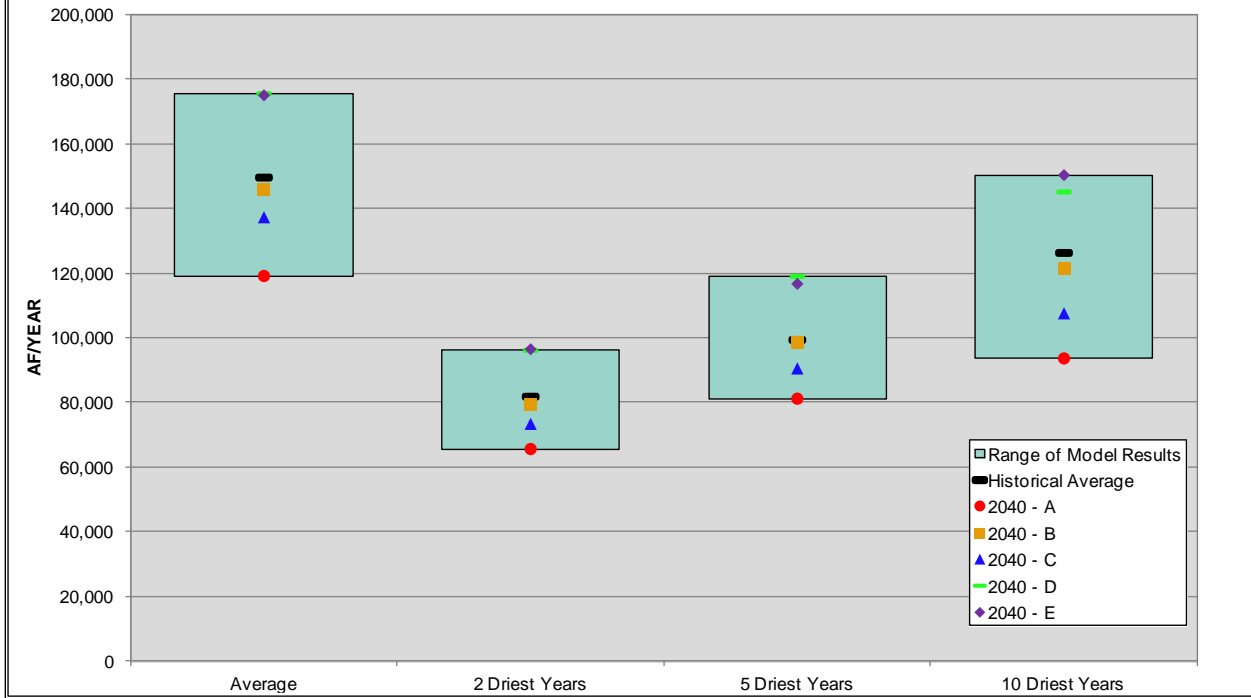
**Figure F74. Elk River at Clark (09241000)
2040 Water Available to Meet Future Demands**

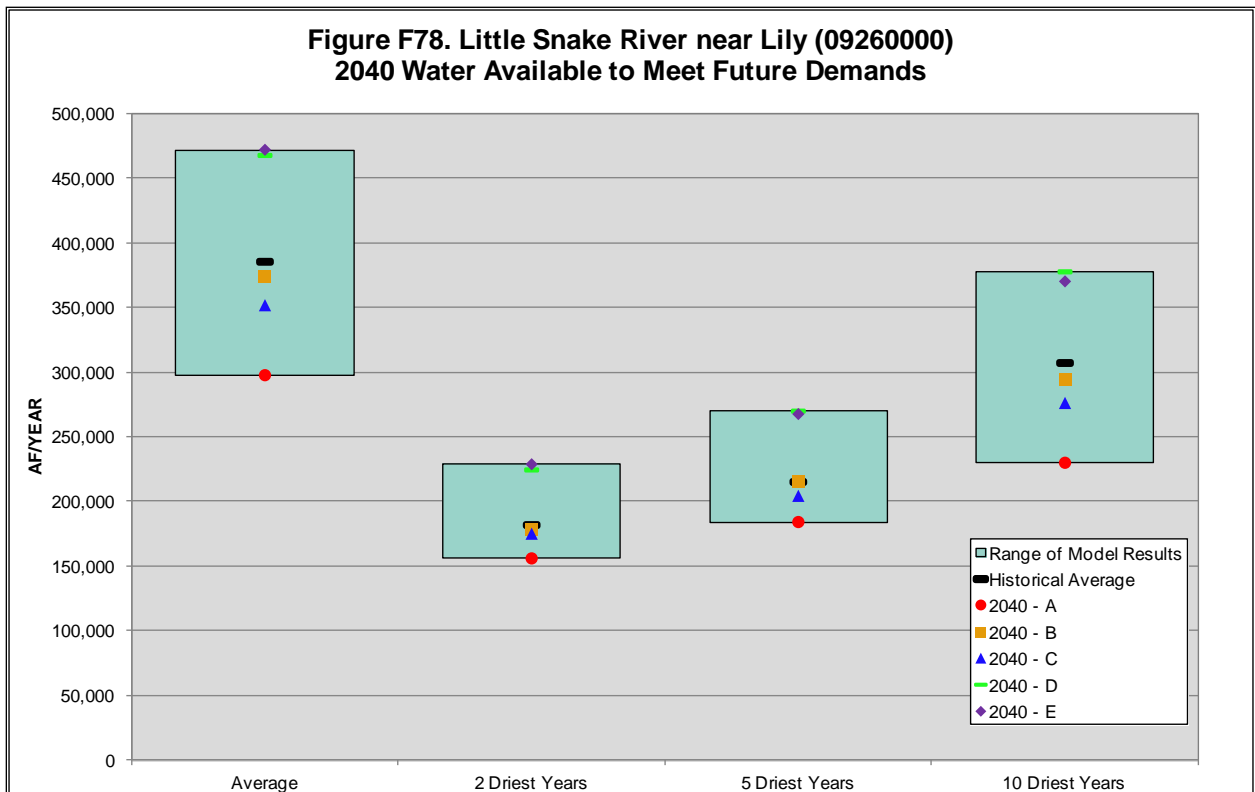
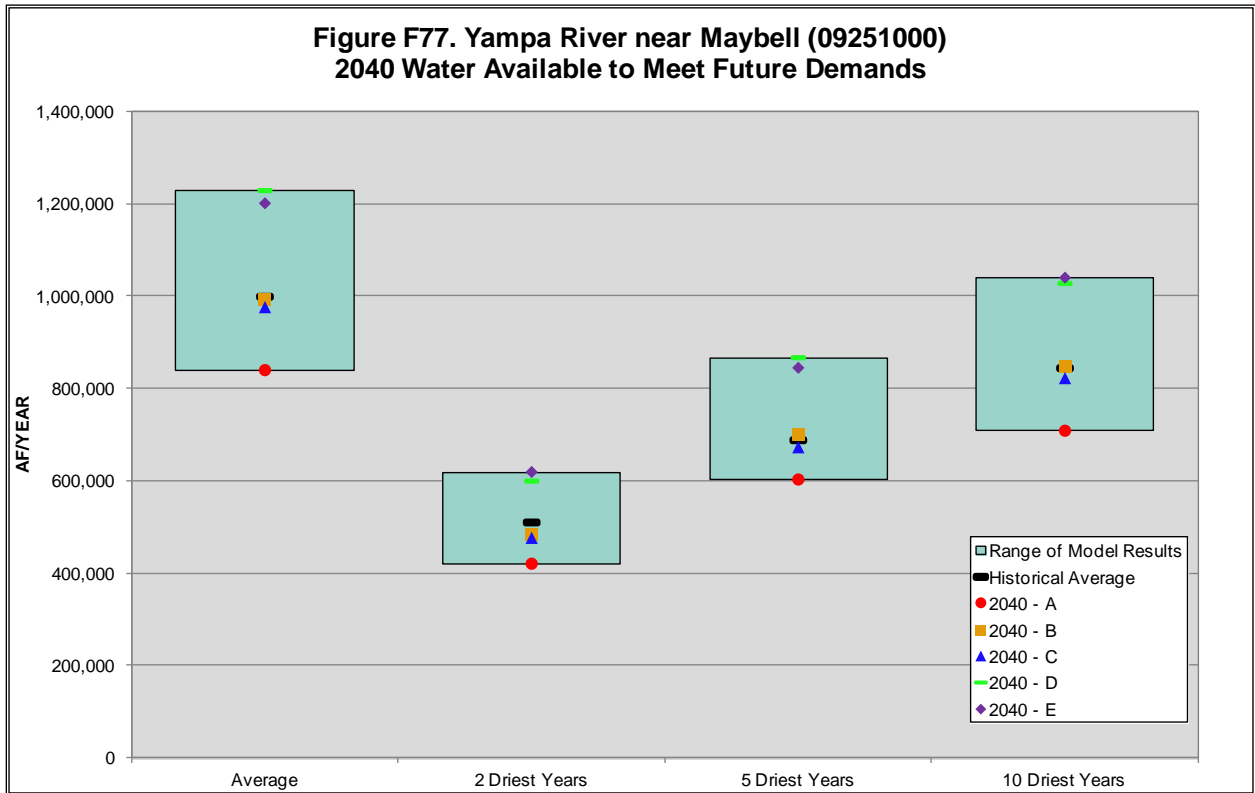


**Figure F75. Elkhead Creek near Elkhead (09245000)
2040 Water Available to Meet Future Demands**

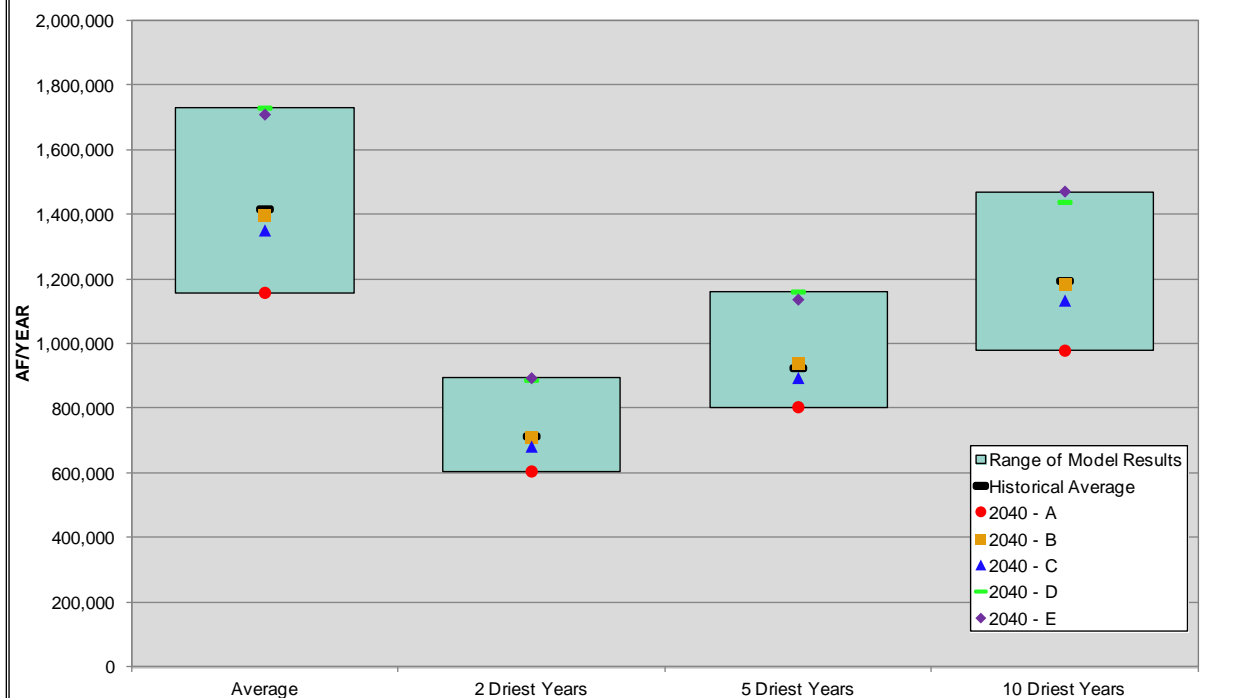


**Figure F76. Williams Fork at Mouth, near Hamilton (09249750)
2040 Water Available to Meet Future Demands**

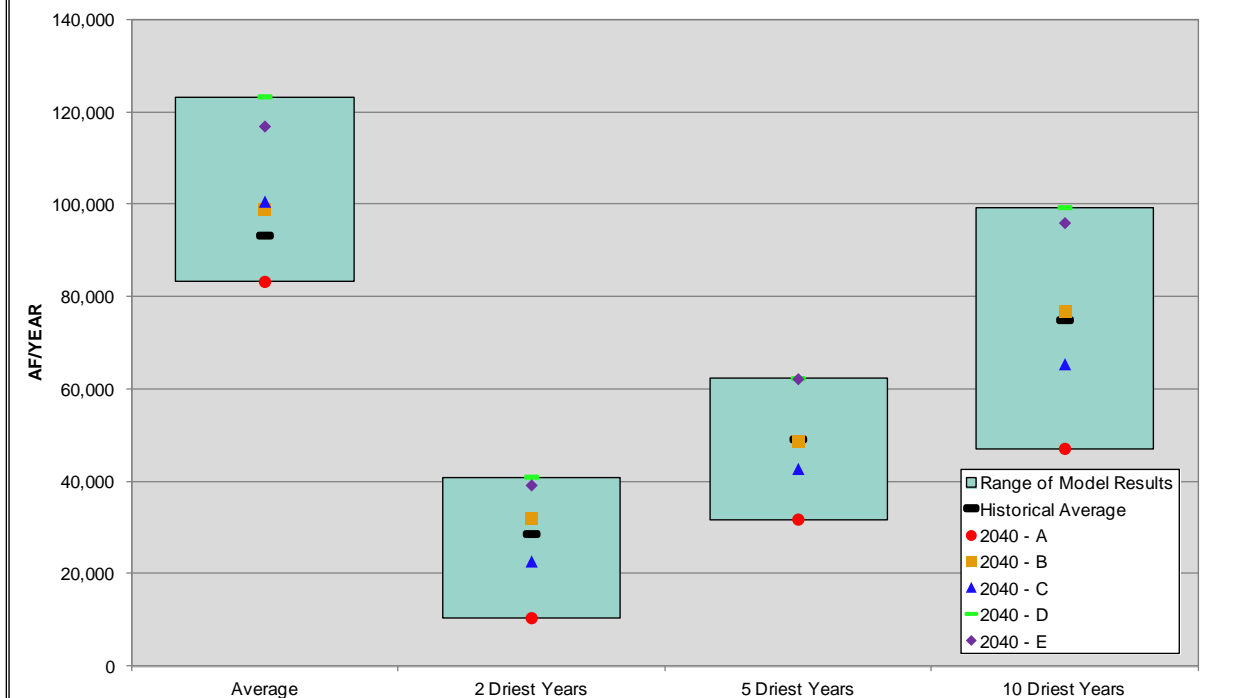




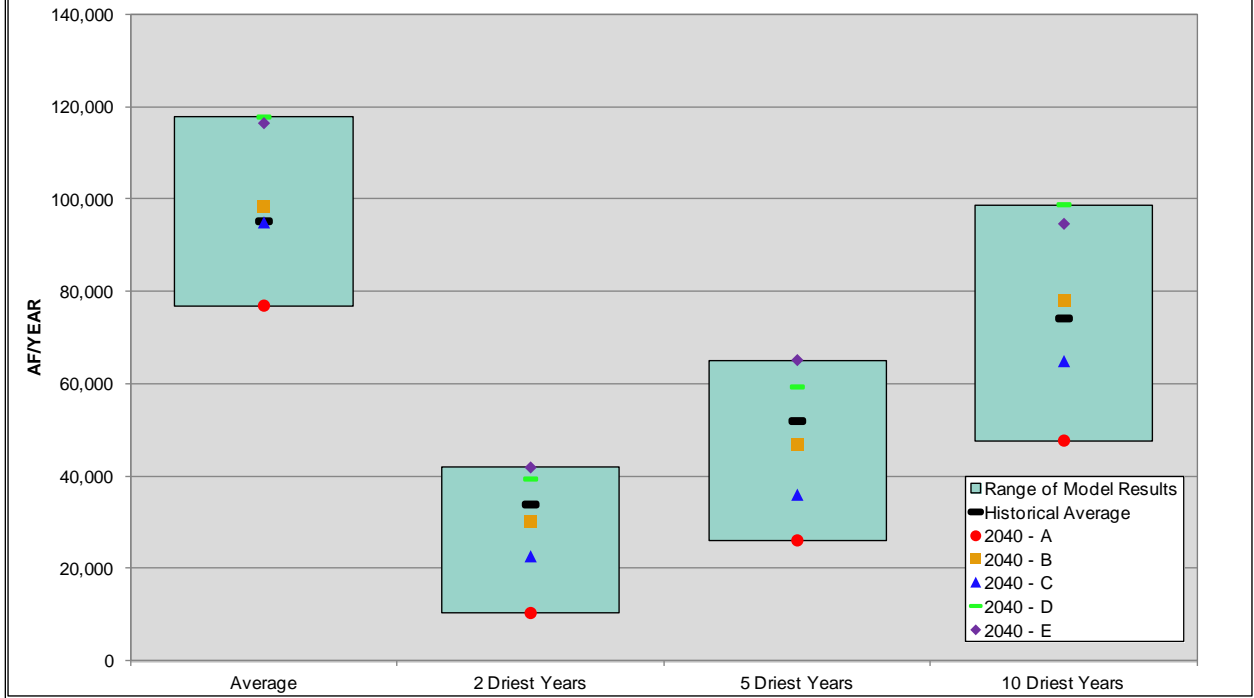
**Figure F79. Yampa River at Deerlodge Park (09260050)
2040 Water Available to Meet Future Demands**



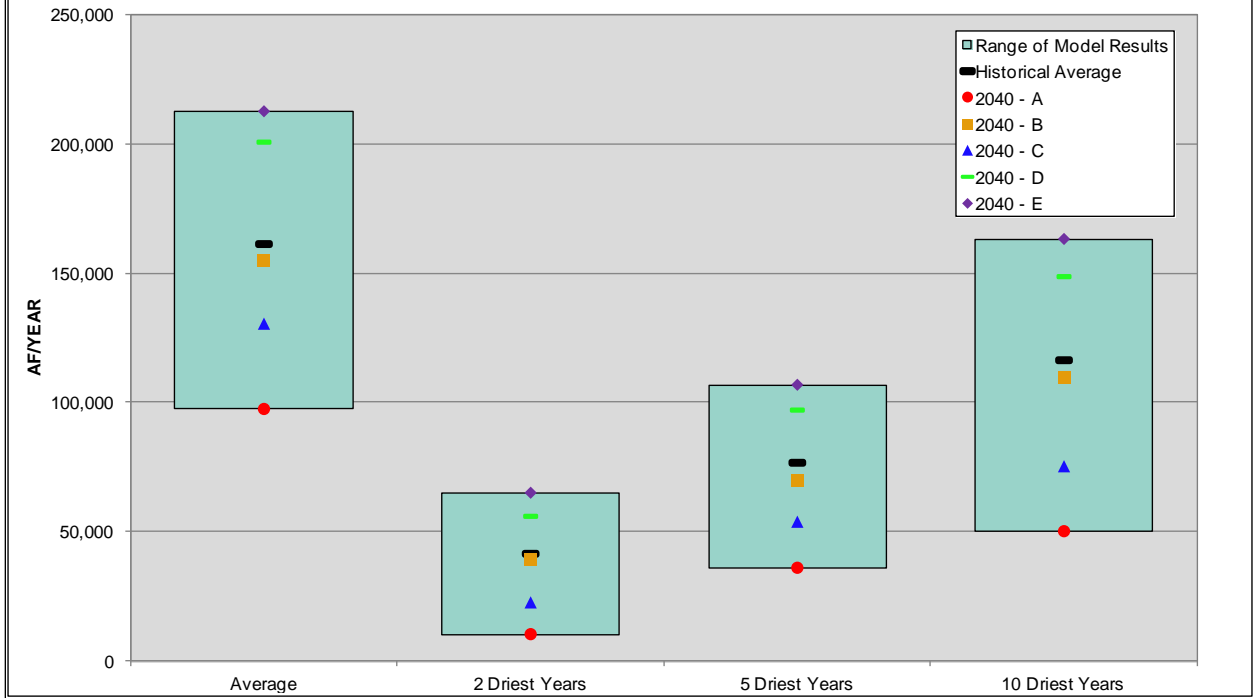
**Figure F80. North Fork White River at Buford (09303000)
2040 Water Available to Meet Future Demands**



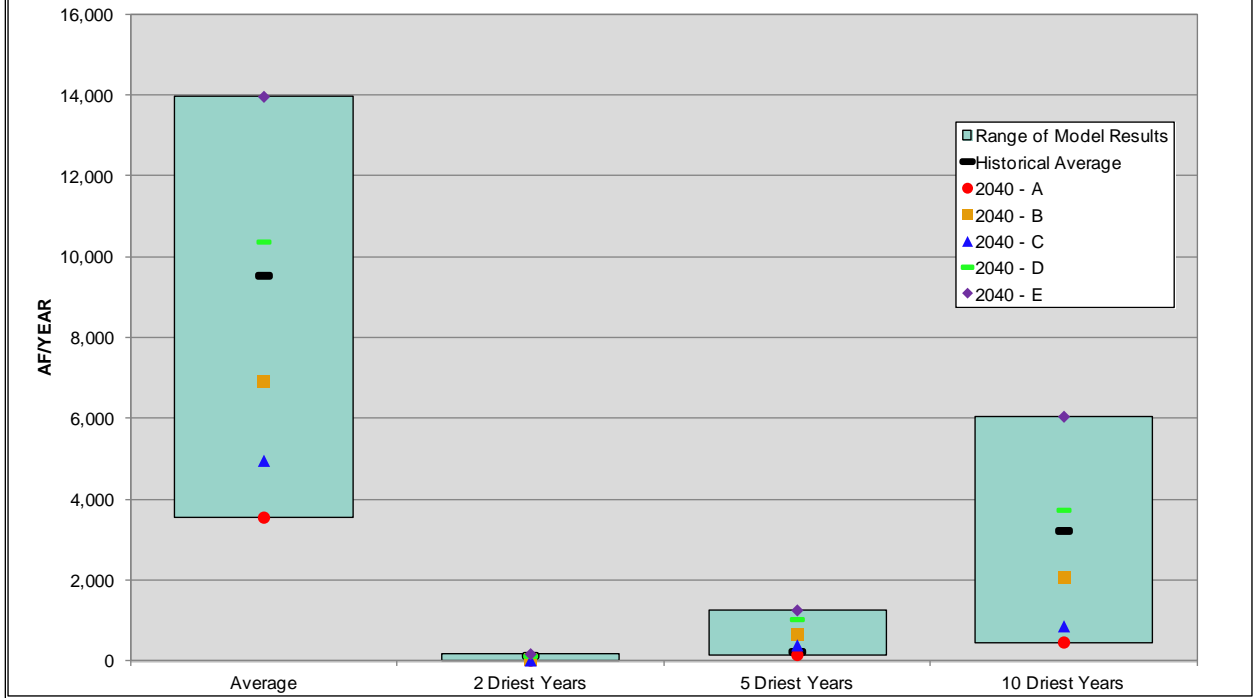
**Figure F81. South Fork White River at Buford (09304000)
2040 Water Available to Meet Future Demands**



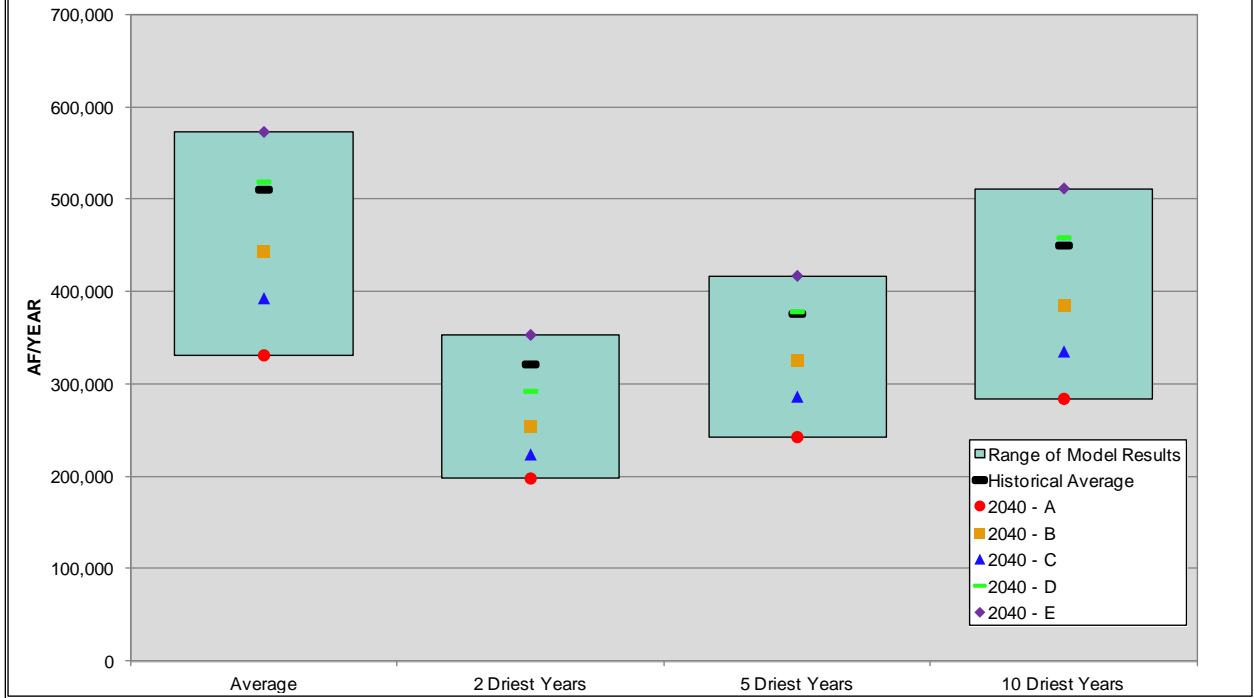
**Figure F82. White River below Meeker (09304800)
2040 Water Available to Meet Future Demands**



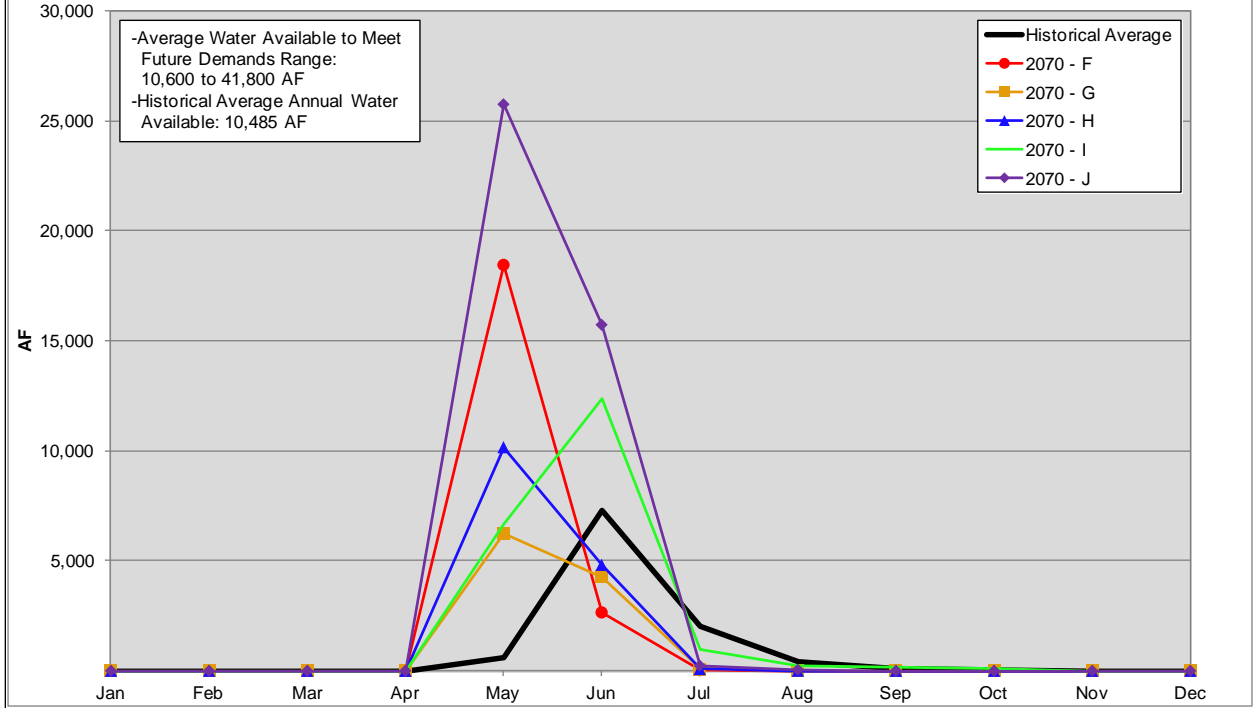
**Figure F83. Piceance Creek at White River (09306222)
2040 Water Available to Meet Future Demands**



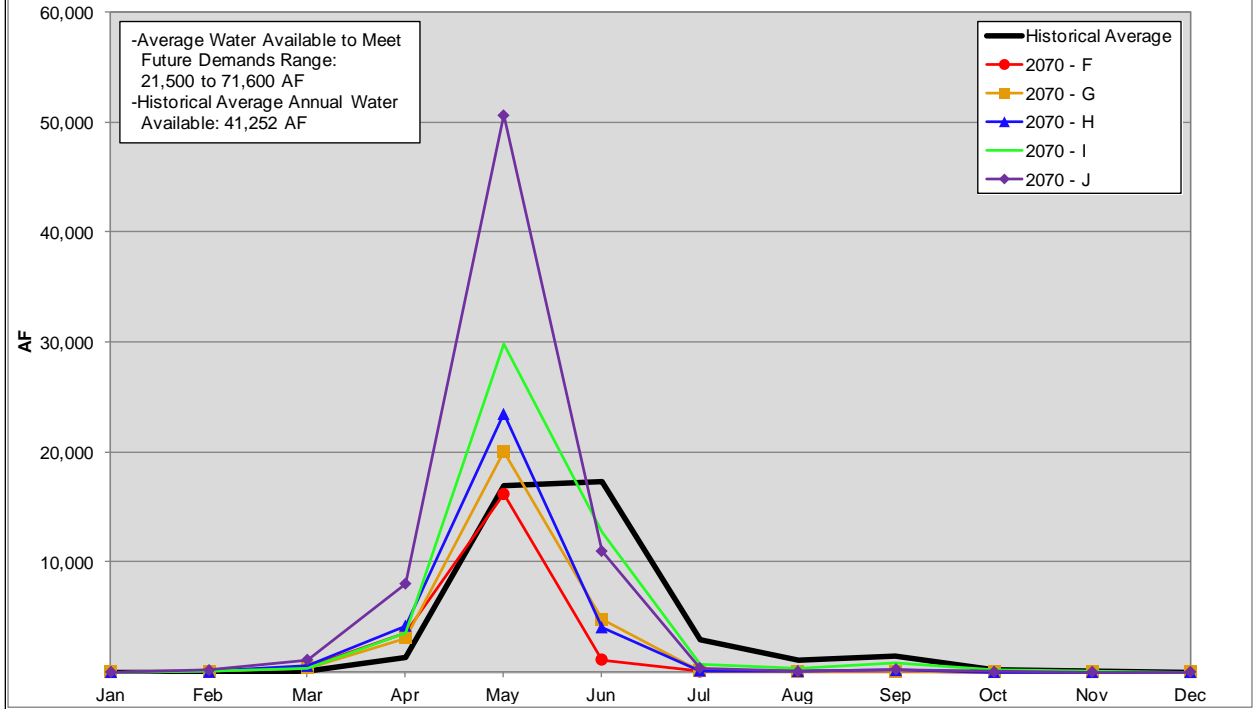
**Figure F84. White River near Colorado State Line, UT (09306395)
2040 Water Available to Meet Future Demands**



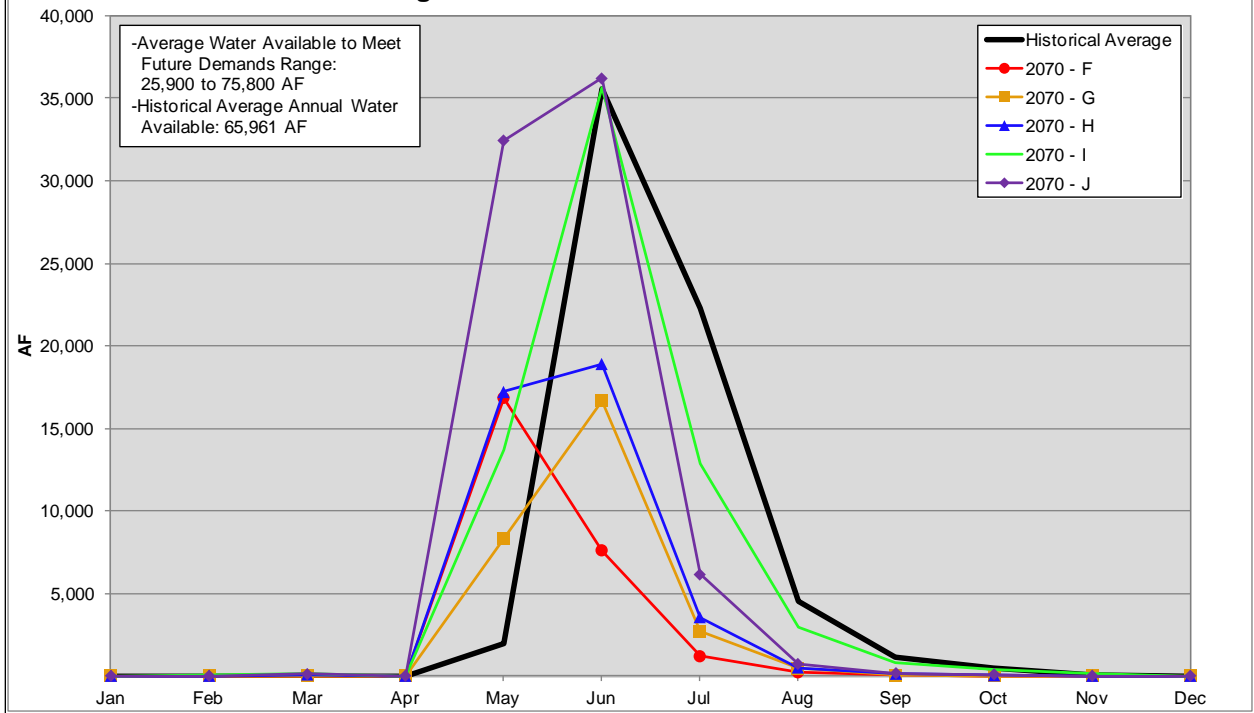
**Figure F85. Colorado River near Grand Lake (09011000)
2070 Average Water Available to Meet Future Demands**



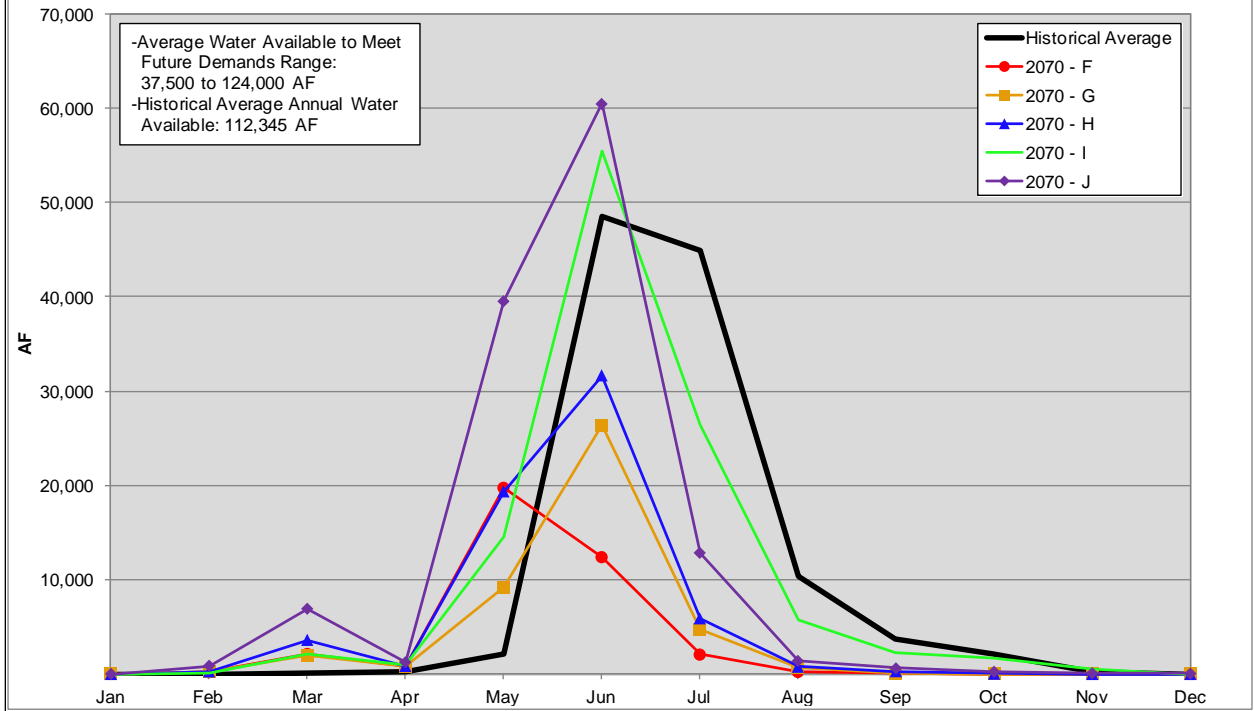
**Figure F86. Muddy Creek at Kremmling (09041500)
2070 Average Water Available to Meet Future Demands**



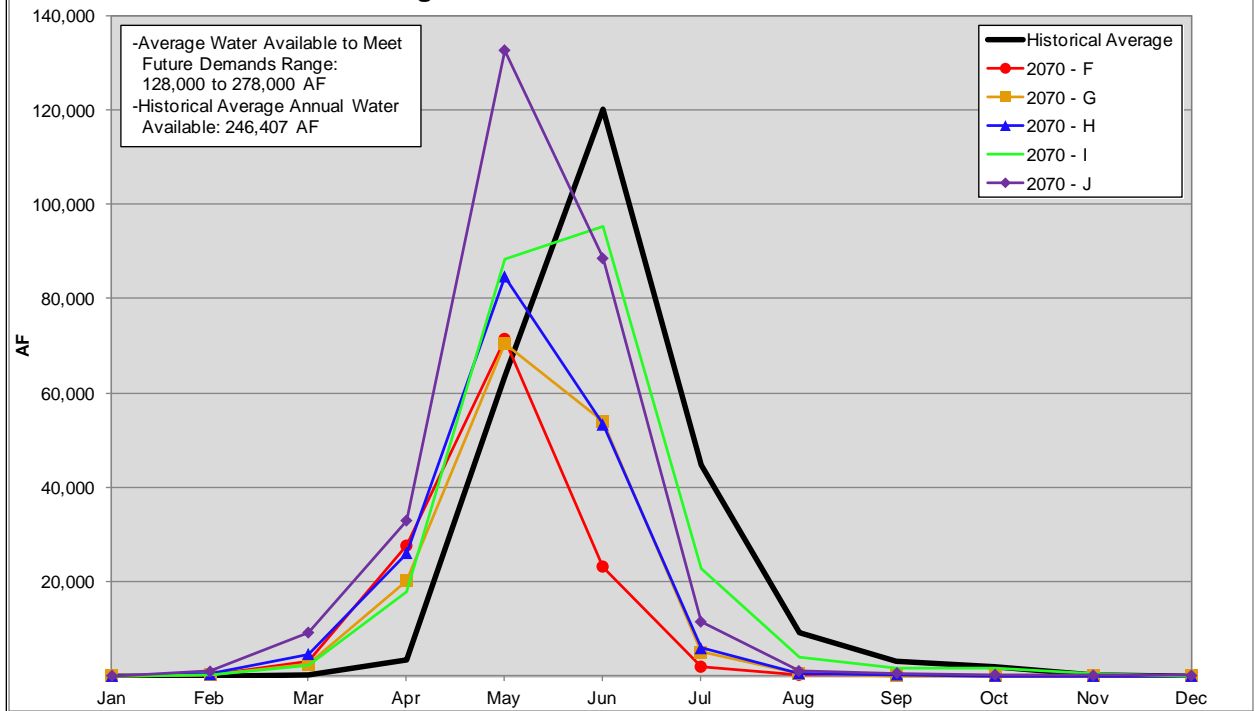
**Figure F87. Blue River below Dillon Reservoir (09050700)
2070 Average Water Available to Meet Future Demands**



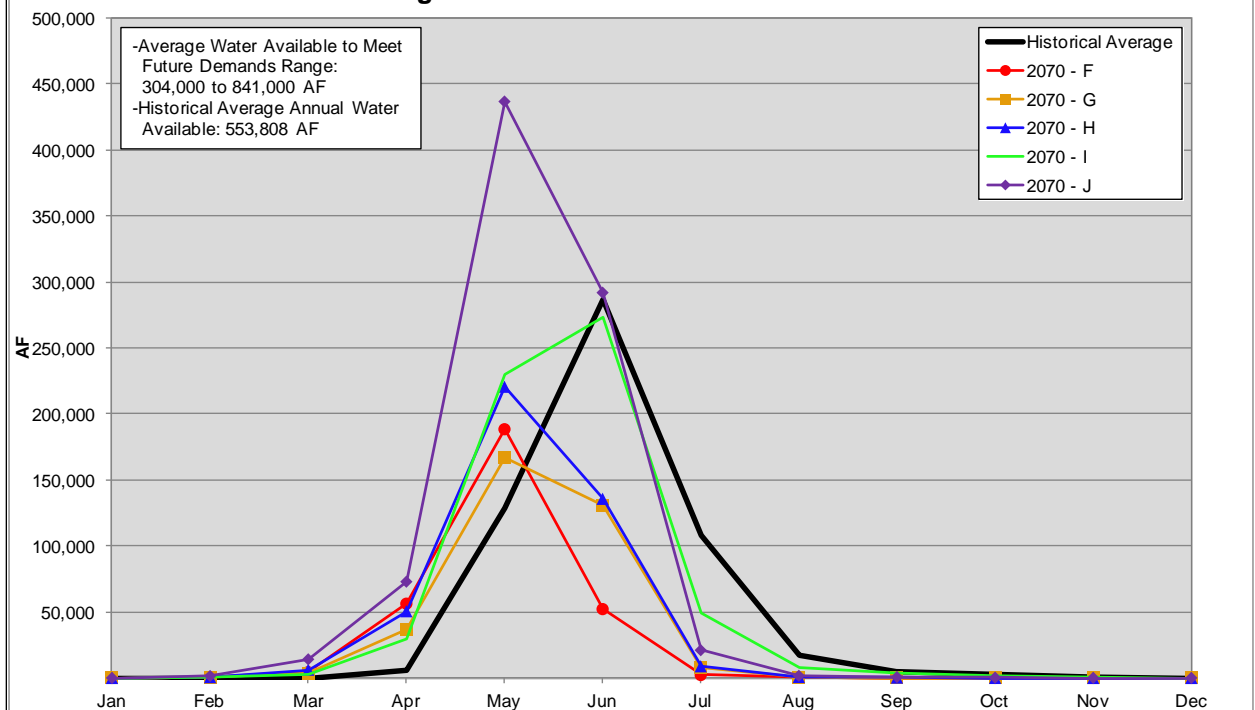
**Figure F88. Blue River below Green Mountain Reservoir (09057500)
2070 Average Water Available to Meet Future Demands**



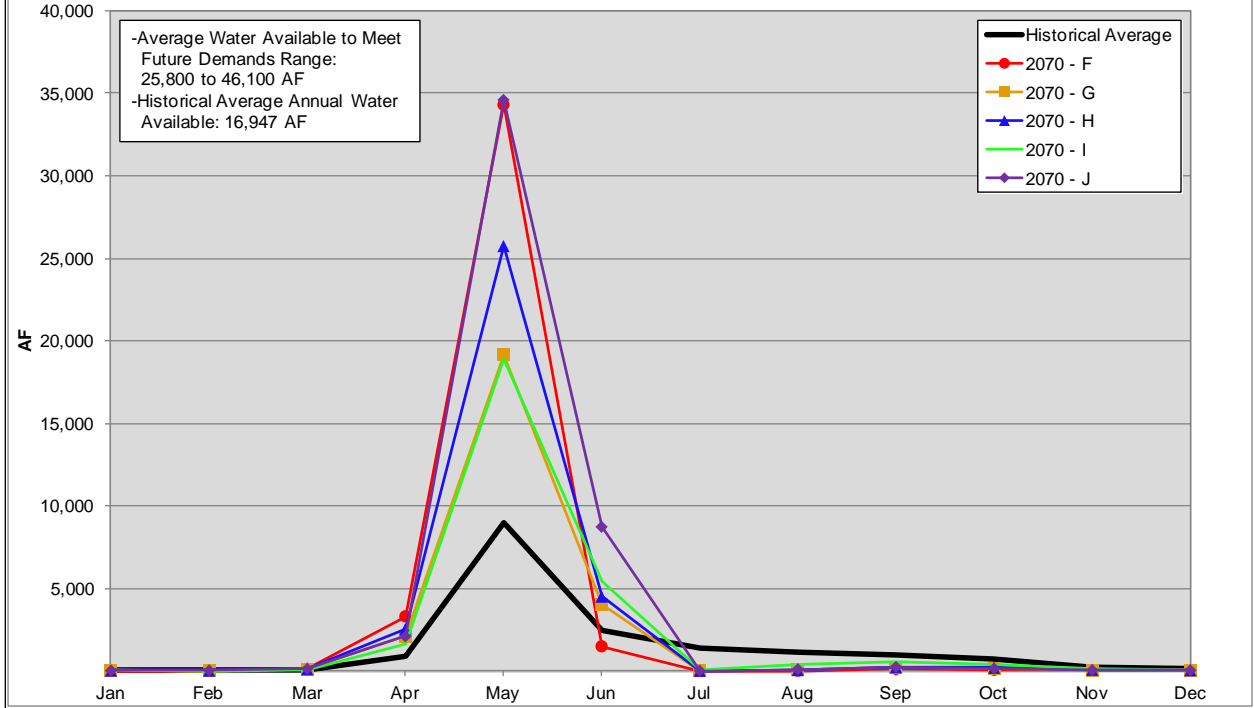
**Figure F89. Eagle River below Gypsum (09070000)
2070 Average Water Available to Meet Future Demands**



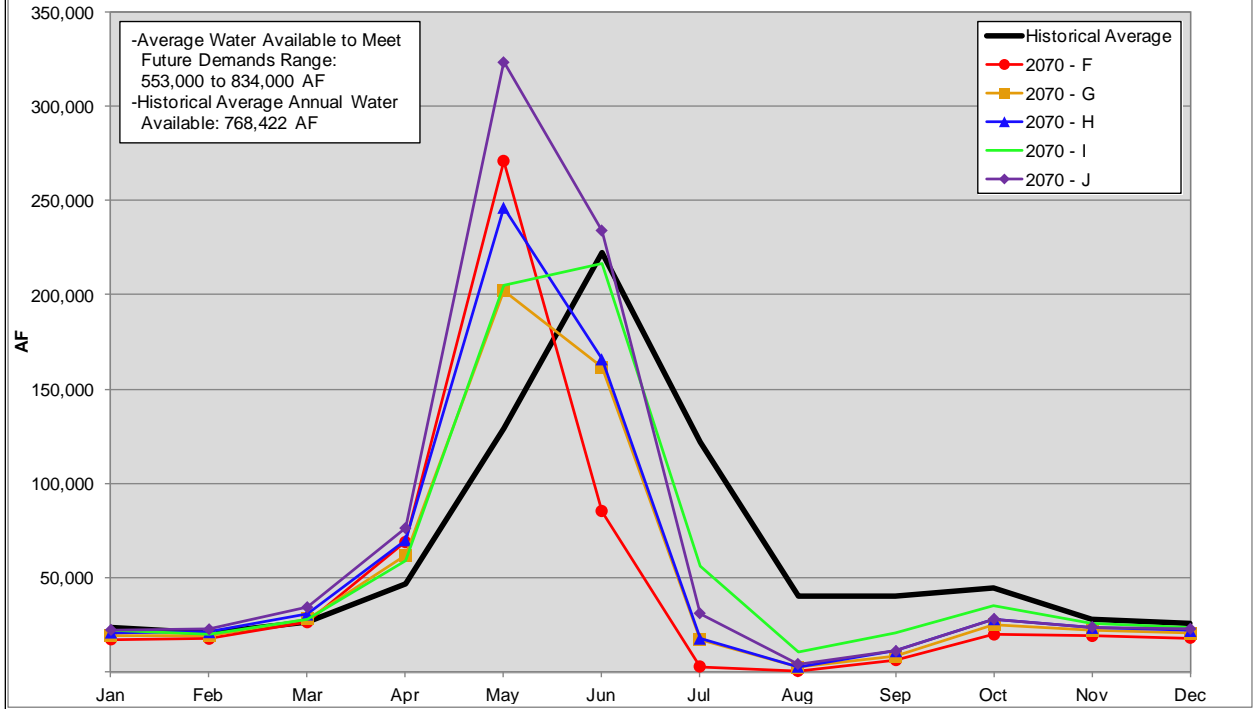
**Figure F90. Colorado River near Dotsero (09070500)
2070 Average Water Available to Meet Future Demands**



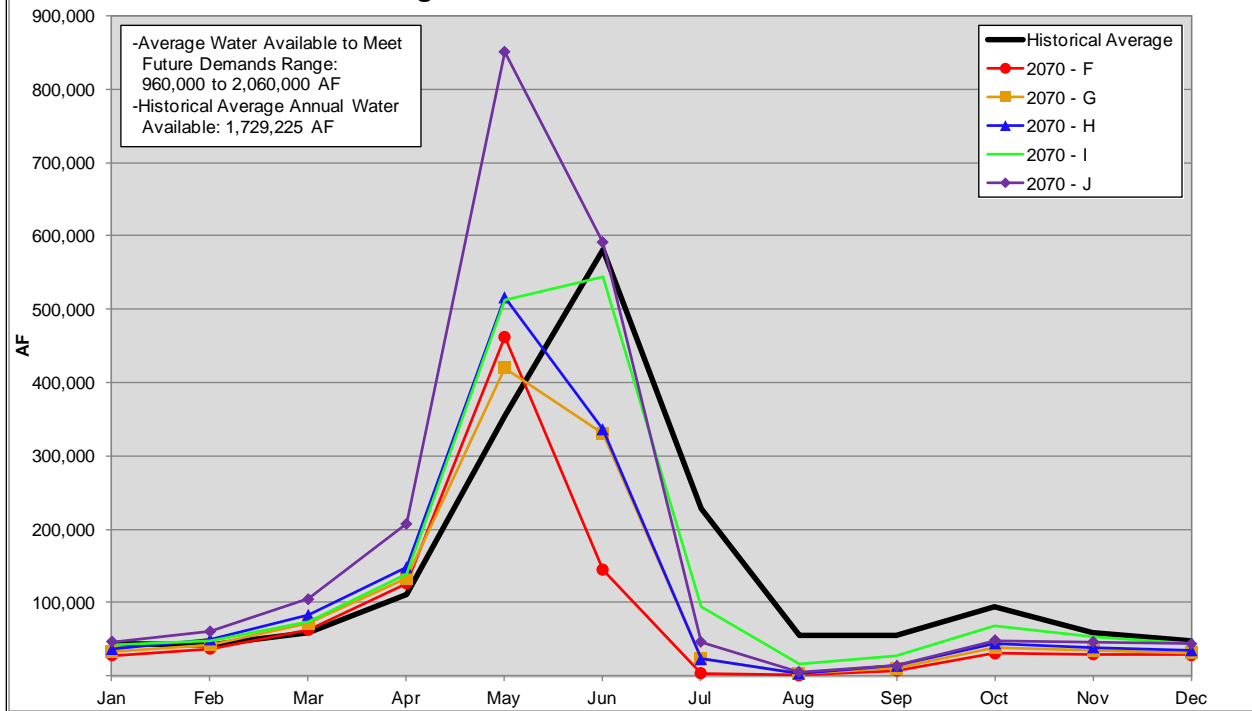
**Figure F91. Roaring Fork River near Aspen (09073400)
2070 Average Water Available to Meet Future Demands**



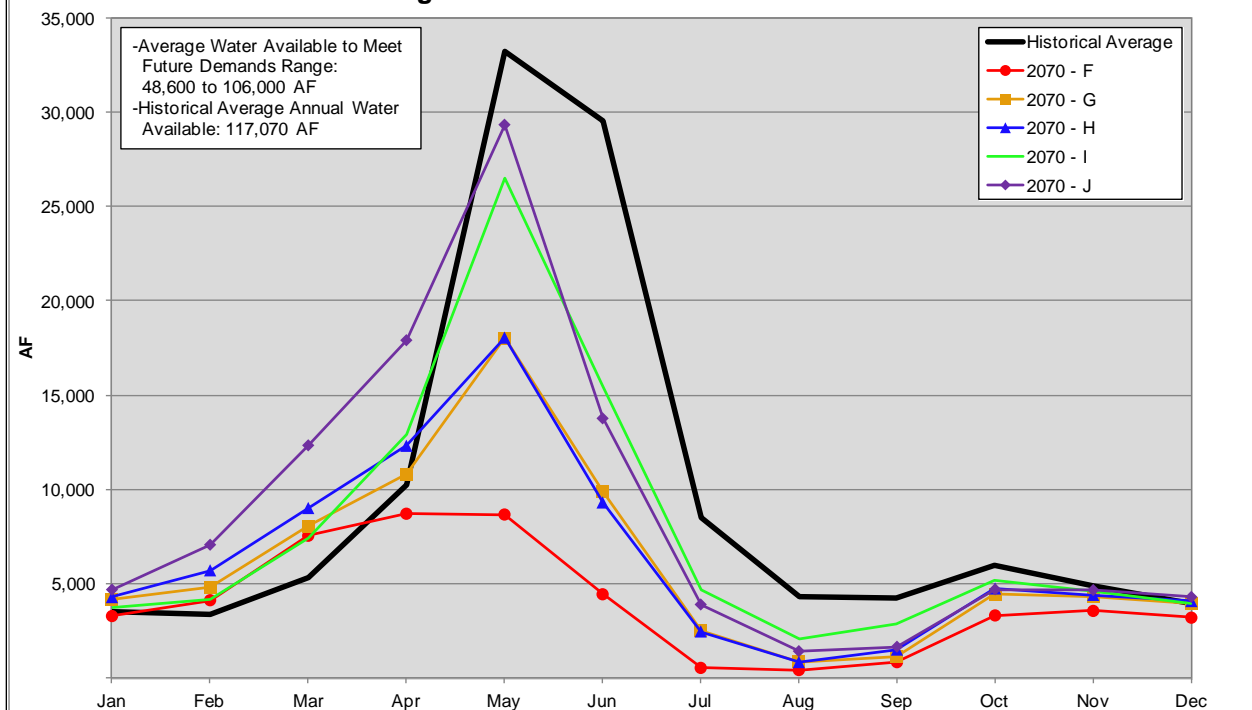
**Figure F92. Roaring Fork River at Glenwood Springs (09085000)
2070 Average Water Available to Meet Future Demands**



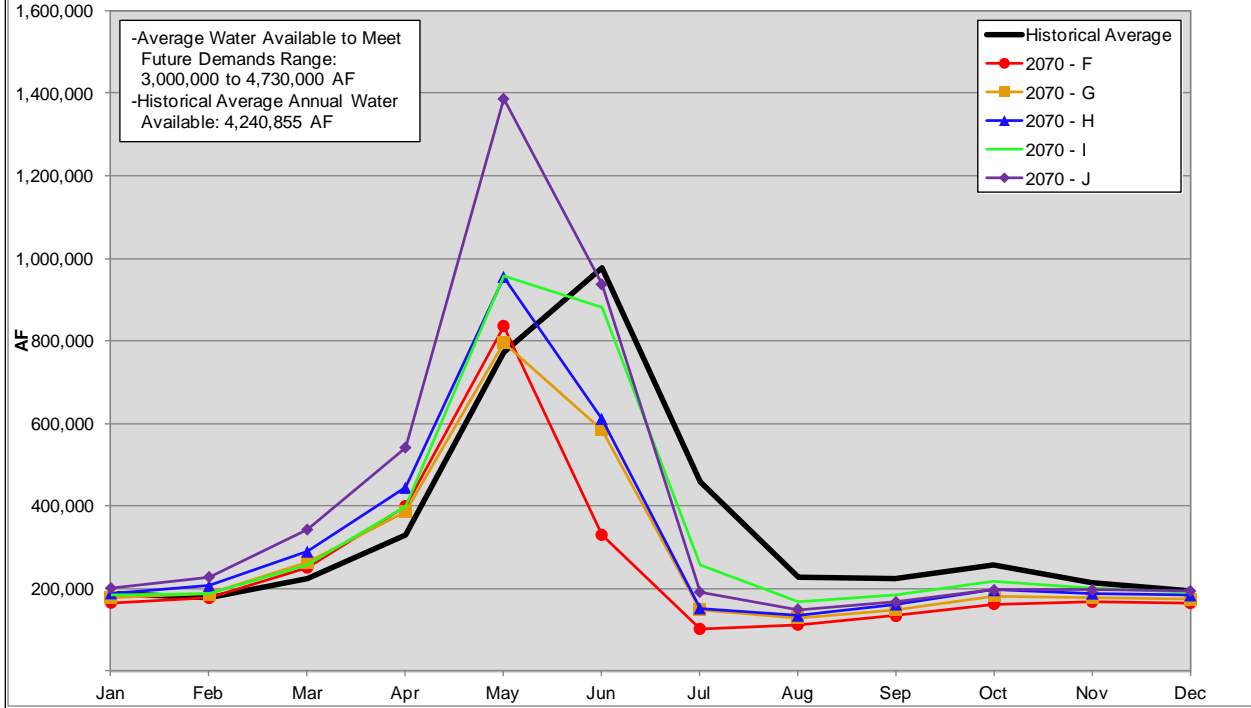
**Figure F93. Colorado River near Cameo (09095500)
2070 Average Water Available to Meet Future Demands**



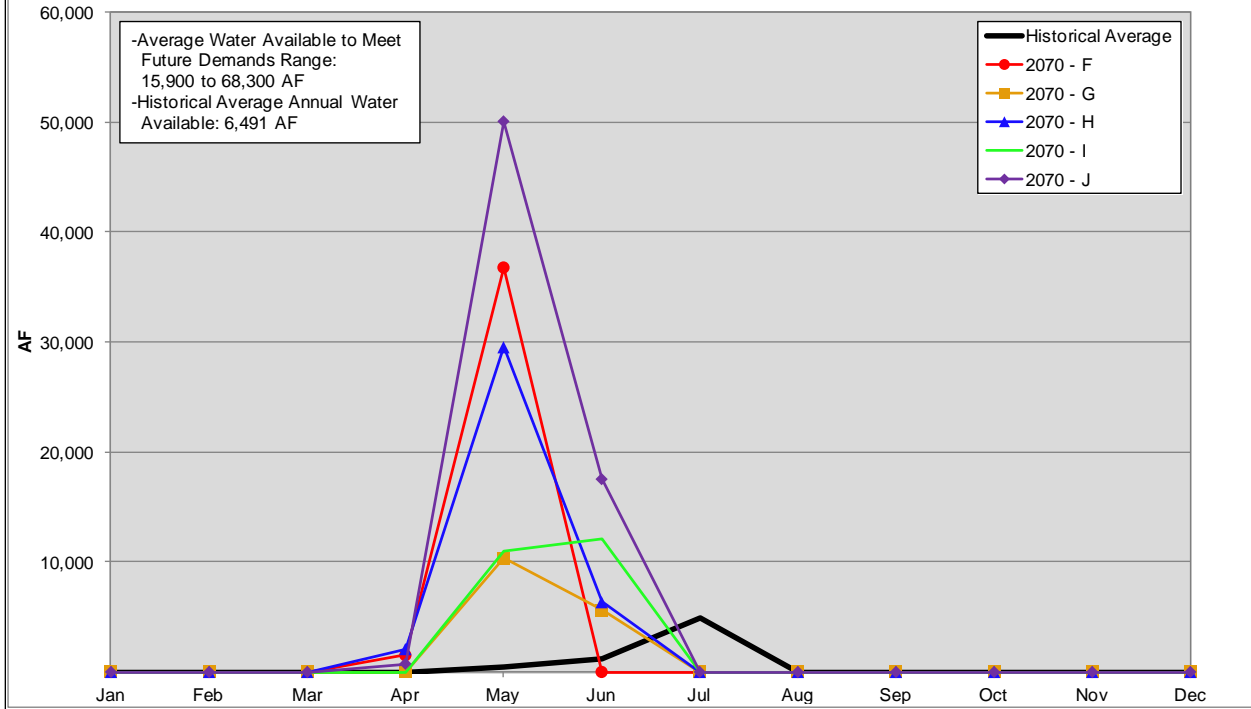
**Figure F94. Plateau Creek near Cameo (09105000)
2070 Average Water Available to Meet Future Demands**



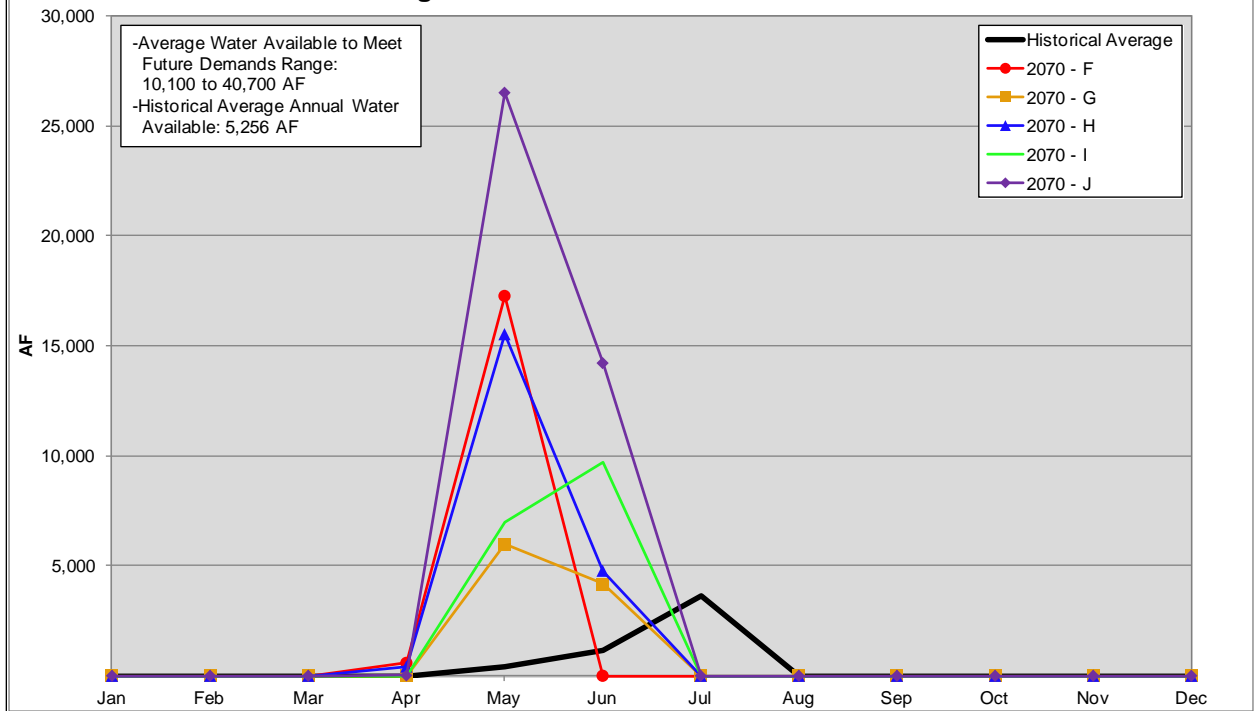
**Figure F95. Colorado River near Colorado-Utah State Line (09163500)
2070 Average Water Available to Meet Future Demands**



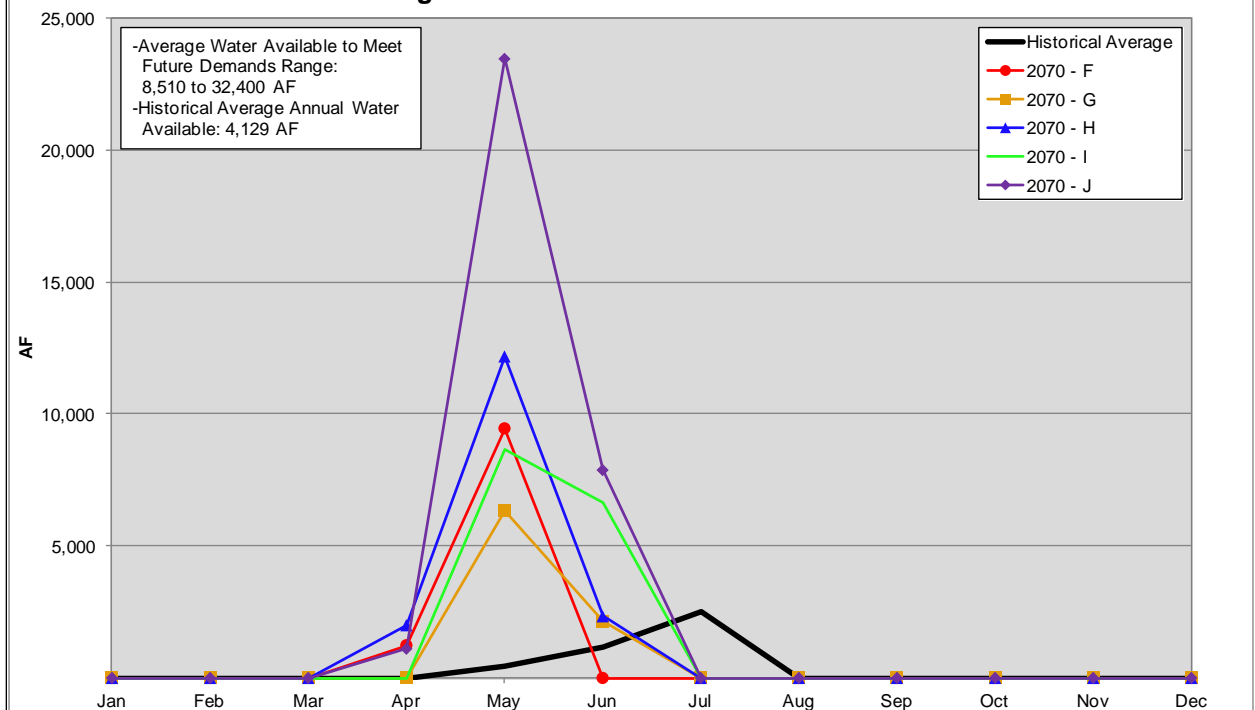
**Figure F96. East River at Almont (09112500)
2070 Average Water Available to Meet Future Demands**



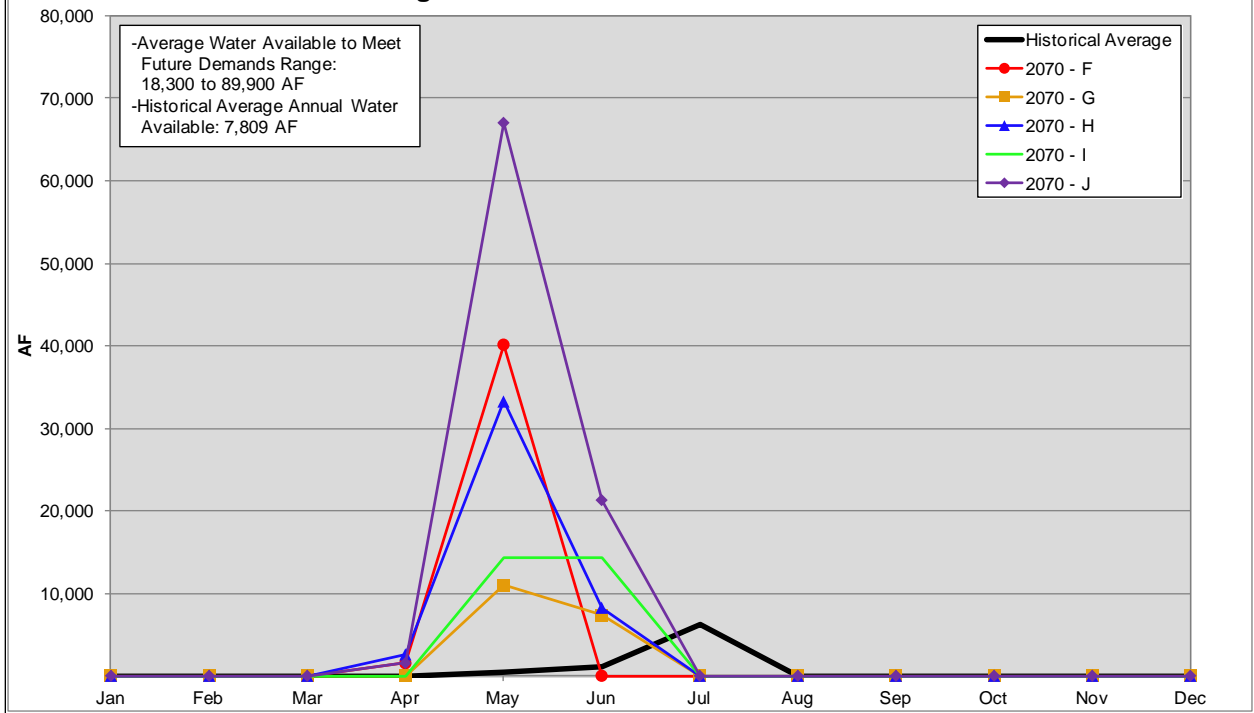
**Figure F97. Taylor River at Almont (09110000)
2070 Average Water Available to Meet Future Demands**



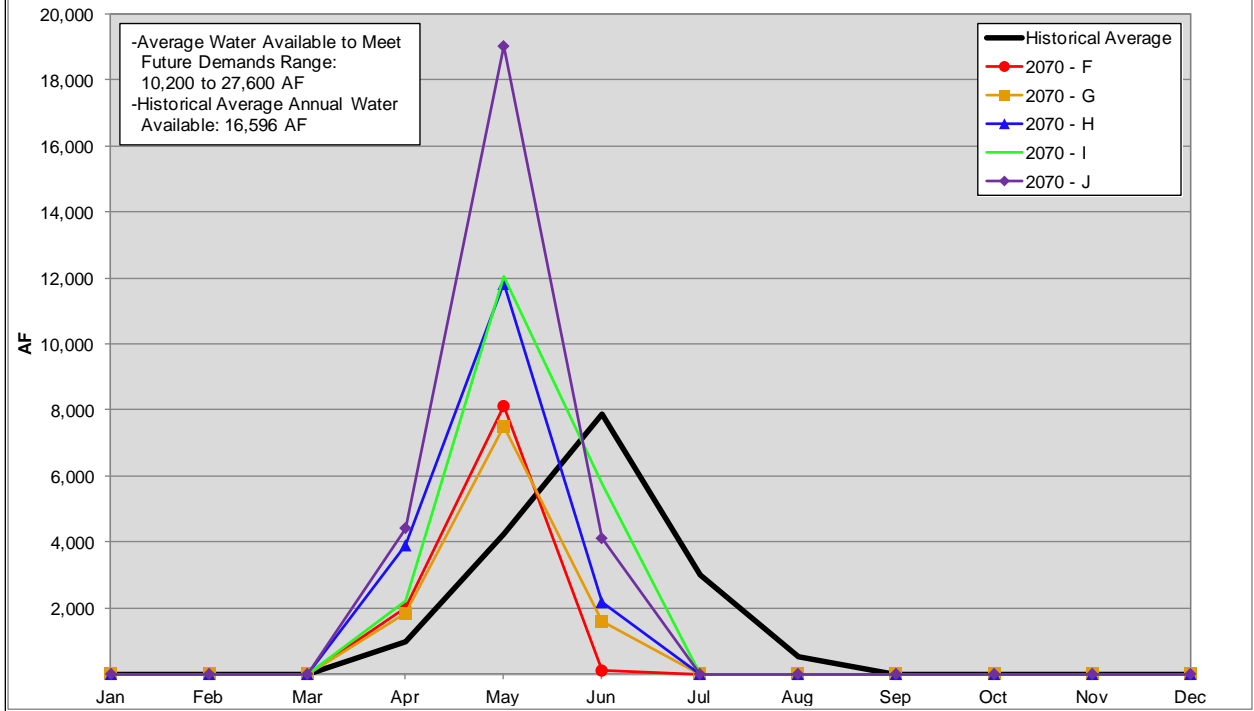
**Figure F98. Tomichi Creek at Gunnison (09119000)
2070 Average Water Available to Meet Future Demands**



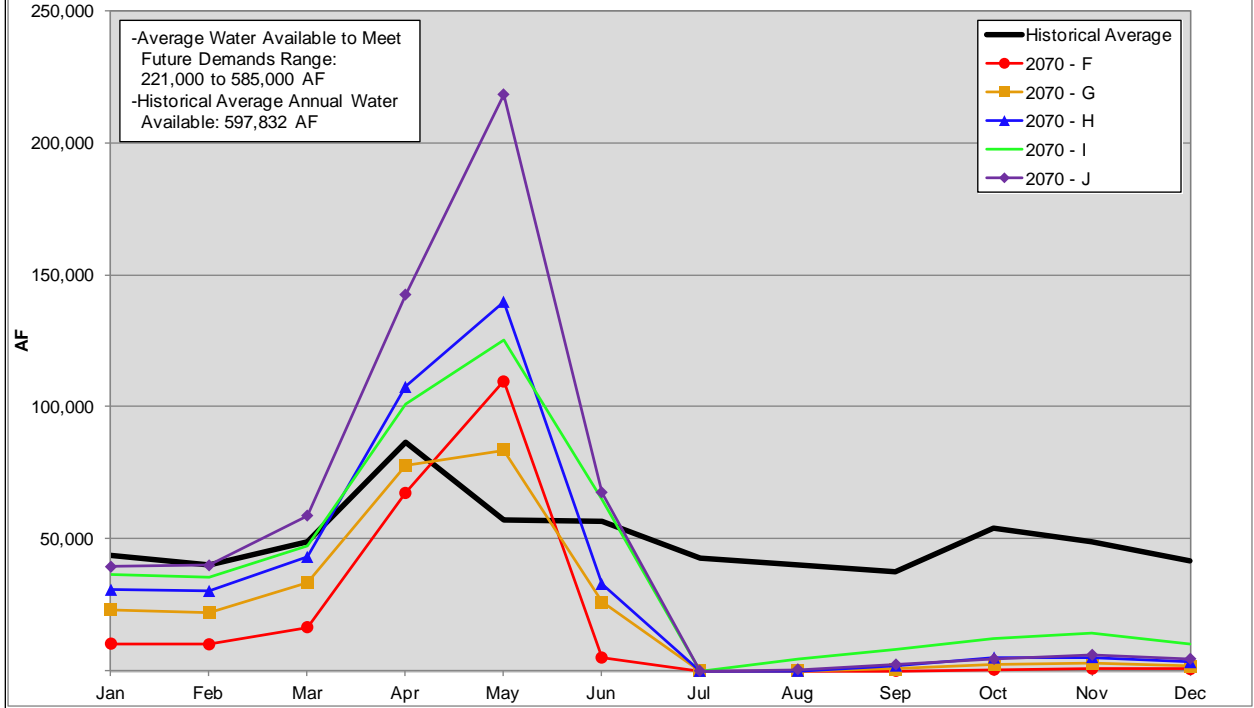
**Figure F99. Gunnison River near Gunnison (09114500)
2070 Average Water Available to Meet Future Demands**



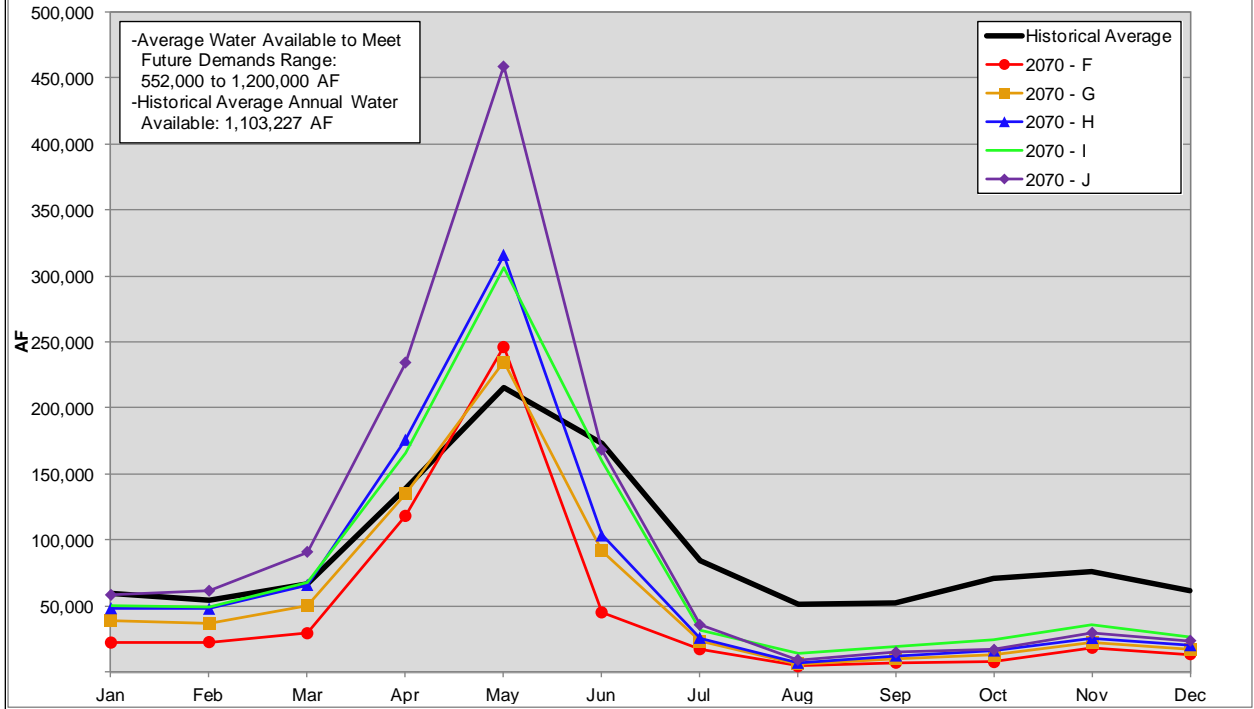
**Figure F100. Cimarron River at Cimarron (09126500)
2070 Average Water Available to Meet Future Demands**



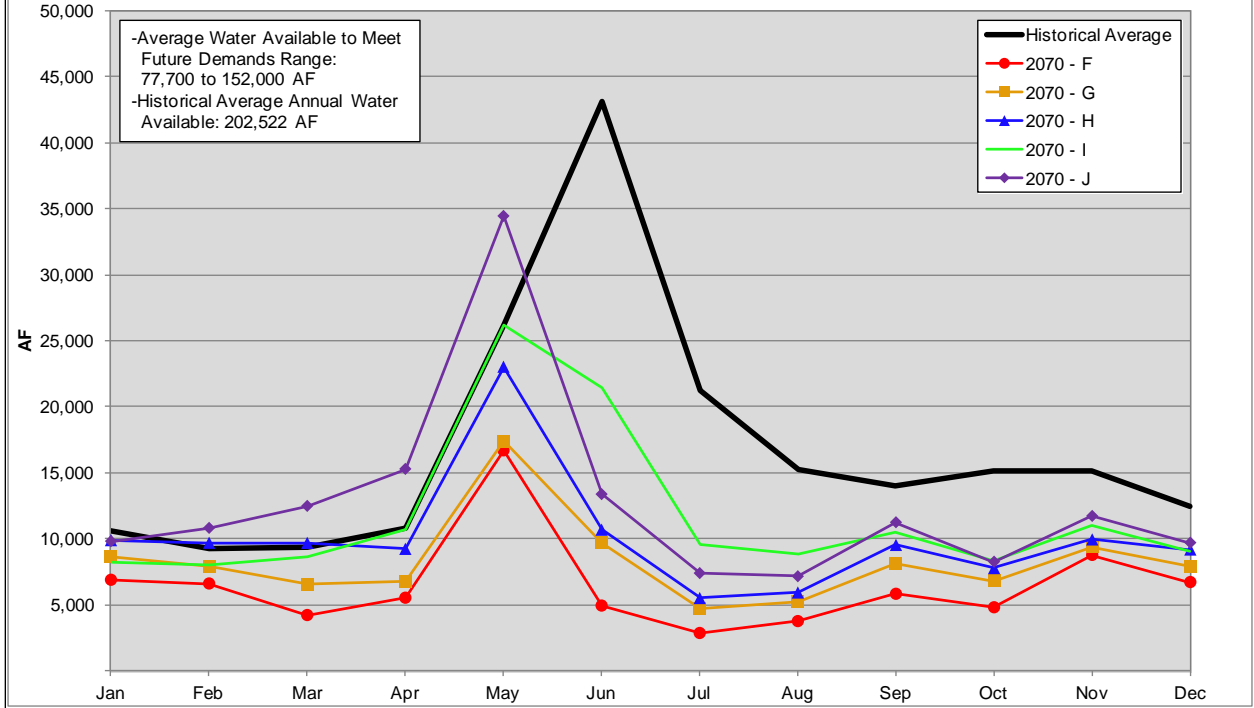
**Figure F101. Gunnison River below Gunnison Tunnel (09128000)
2070 Average Water Available to Meet Future Demands**



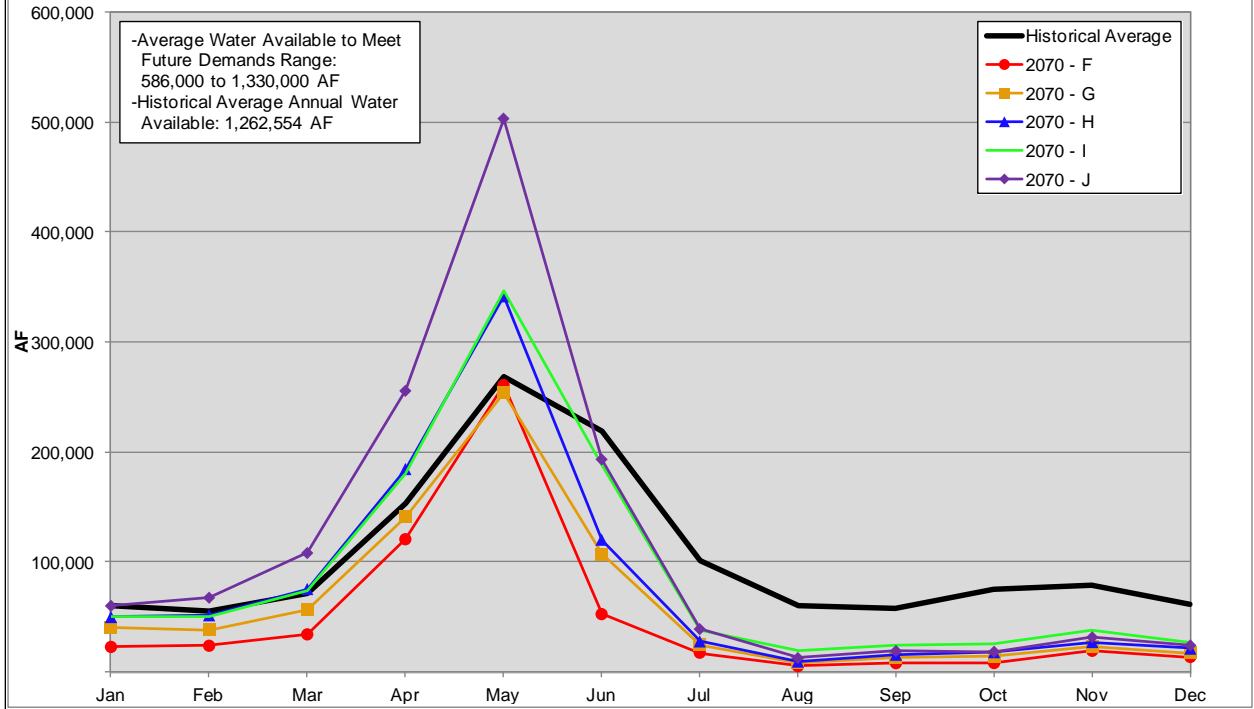
**Figure F102. Gunnison River near Lazear (09136200)
2070 Average Water Available to Meet Future Demands**



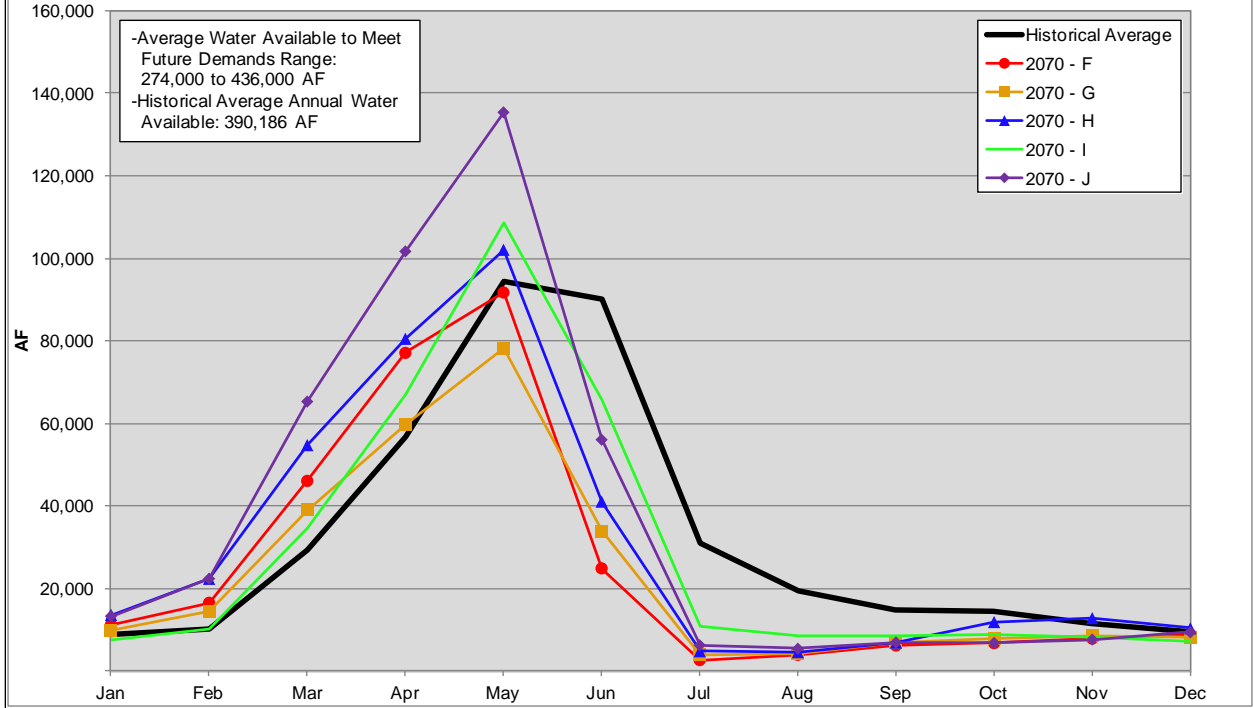
**Figure F103. Uncompahgre River at Delta (09149500)
2070 Average Water Available to Meet Future Demands**



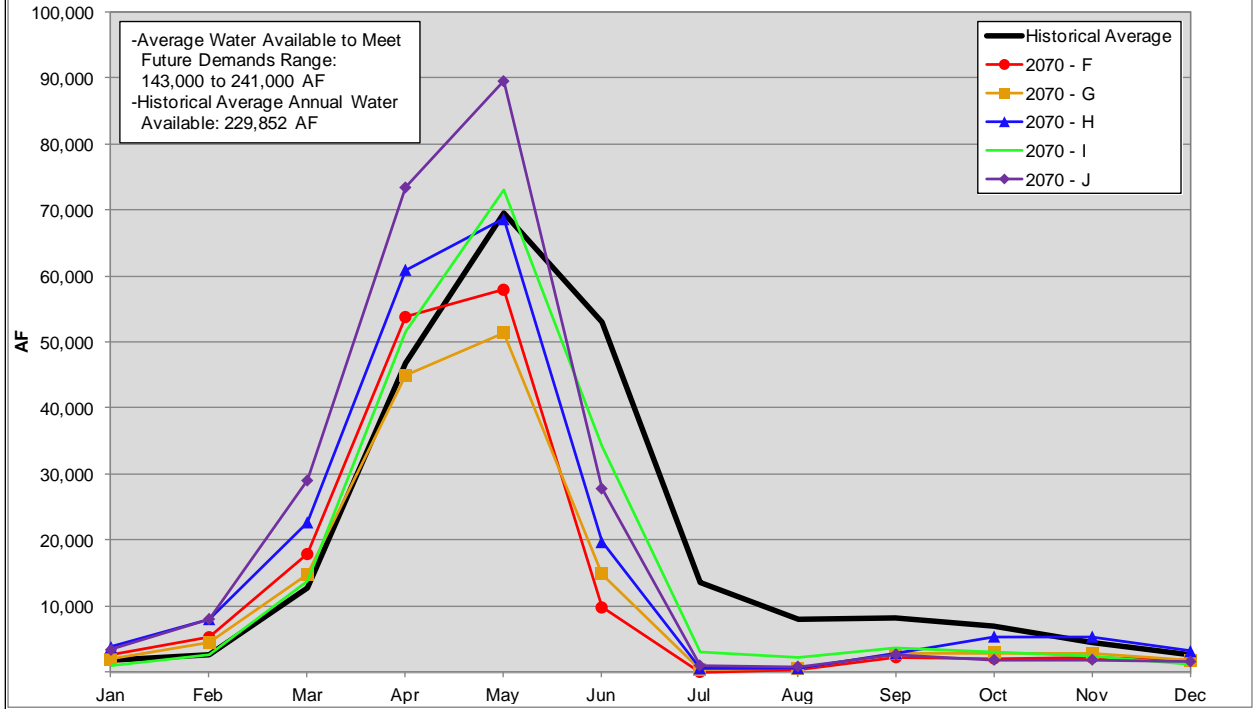
**Figure F104. Gunnison River near Grand Junction (09152500)
2070 Average Water Available to Meet Future Demands**



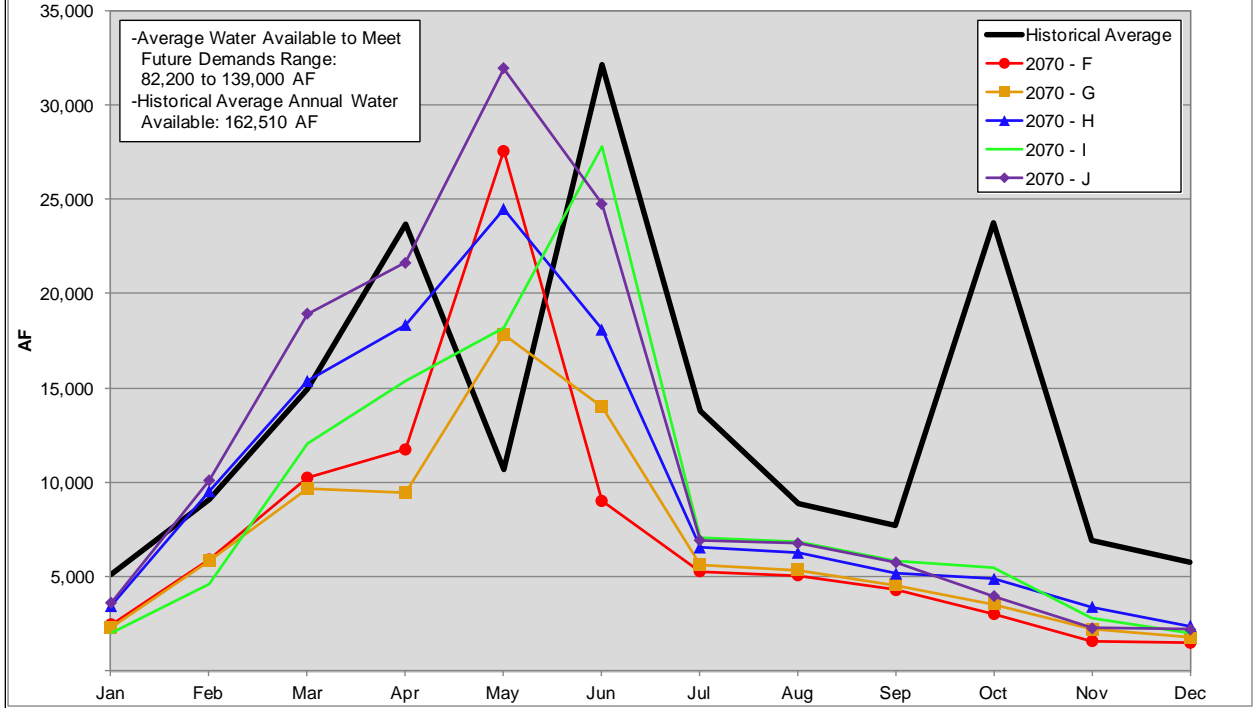
**Figure F105. San Juan River near Carracas (09346400)
2070 Average Water Available to Meet Future Demands**



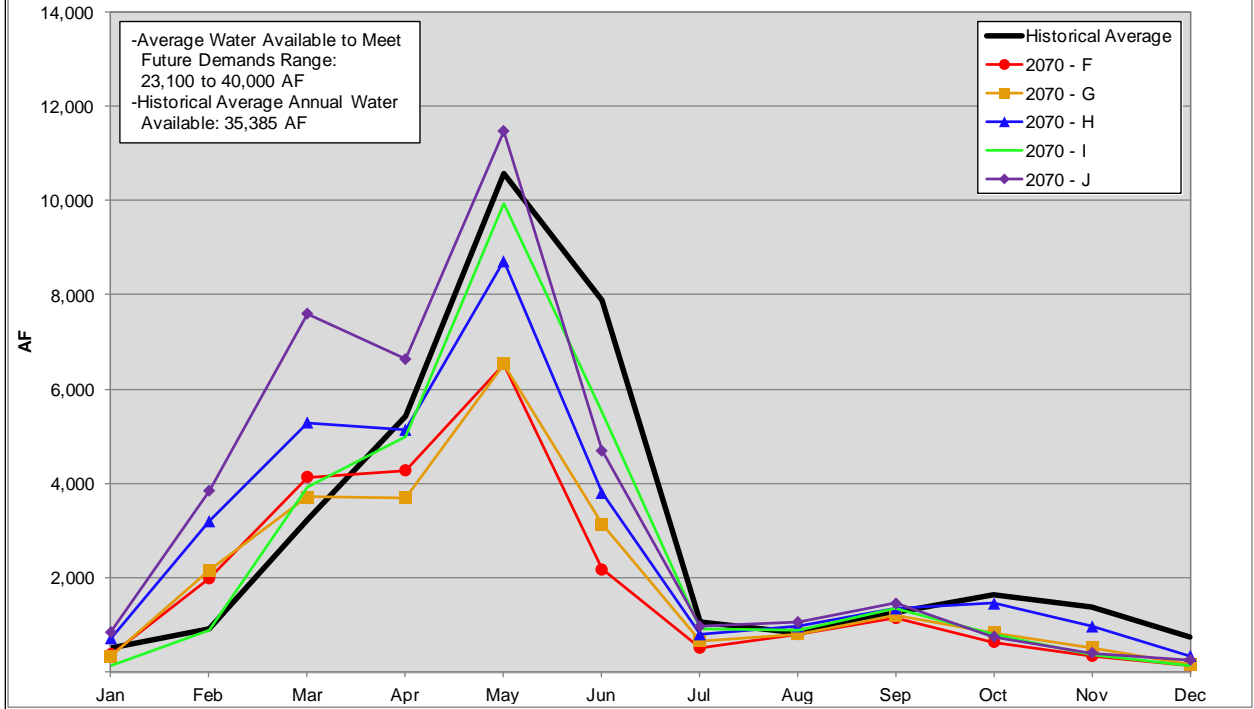
**Figure F106. Piedra River near Arboles (09349800)
2070 Average Water Available to Meet Future Demands**



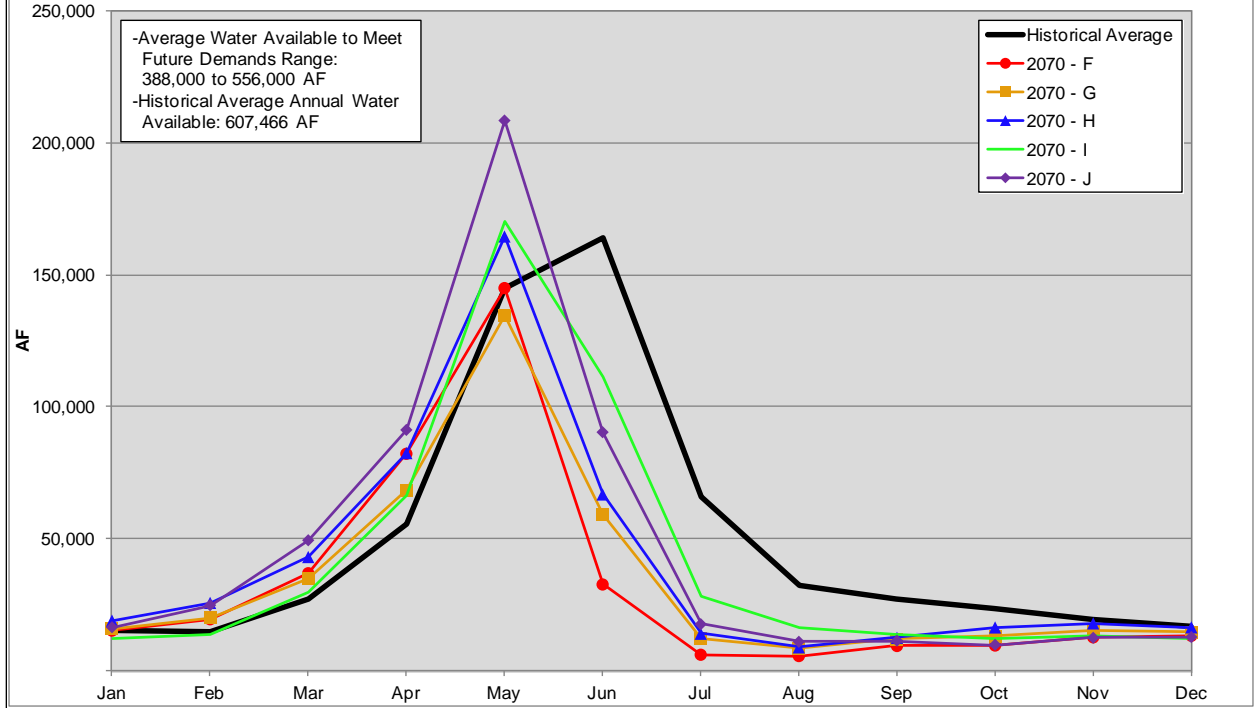
**Figure F107. Los Pinos River at La Boca (09354500)
2070 Average Water Available to Meet Future Demands**



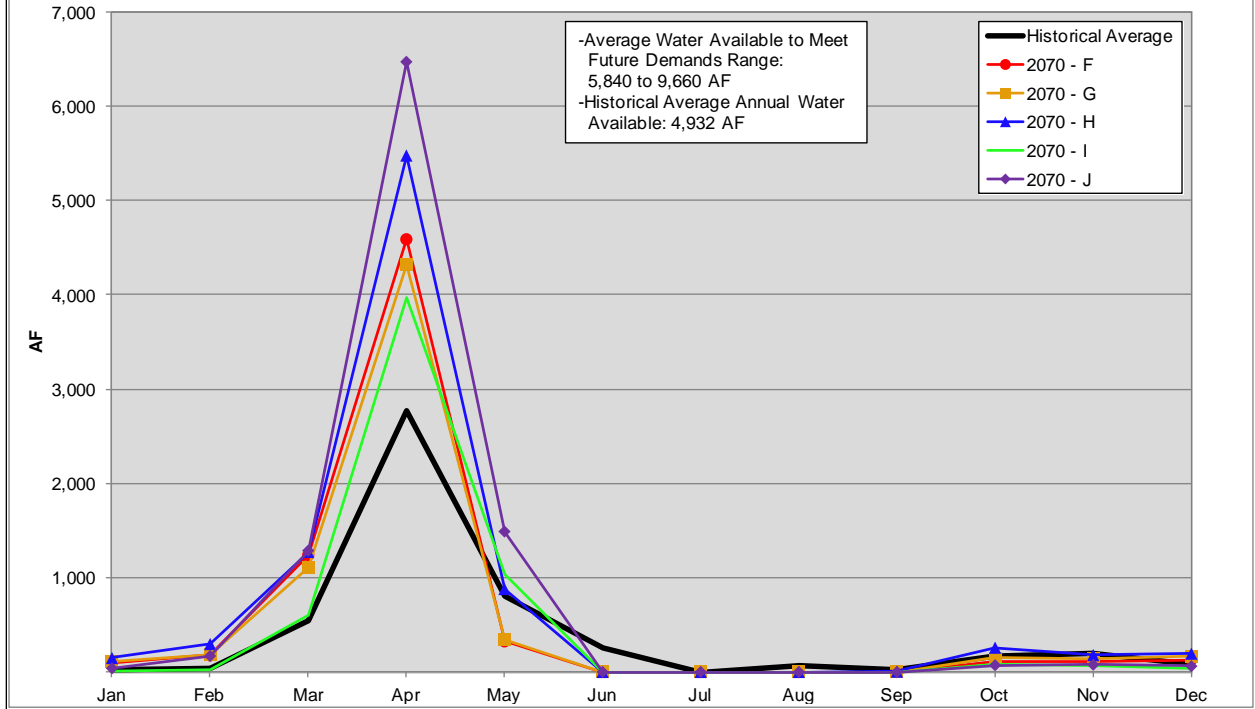
**Figure F108. Florida River at Bondad (09363200)
2070 Average Water Available to Meet Future Demands**



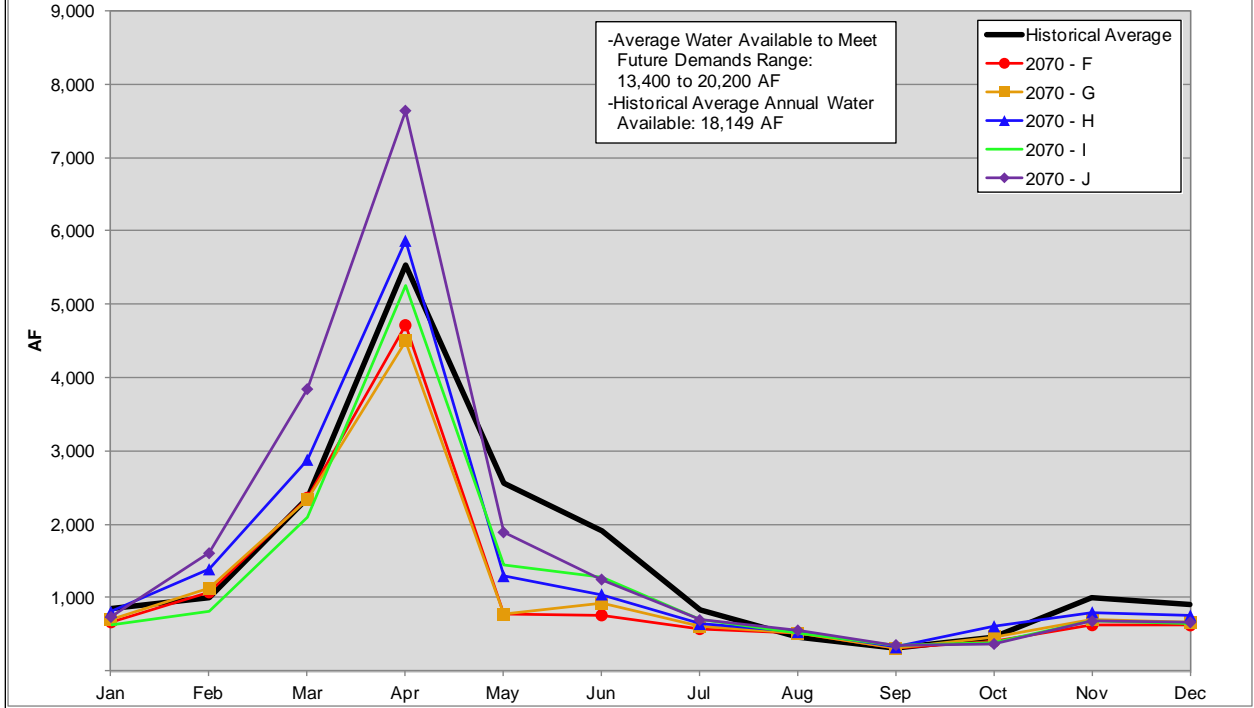
**Figure F109. Animas River near Cedar Hill, NM (09363500)
2070 Average Water Available to Meet Future Demands**



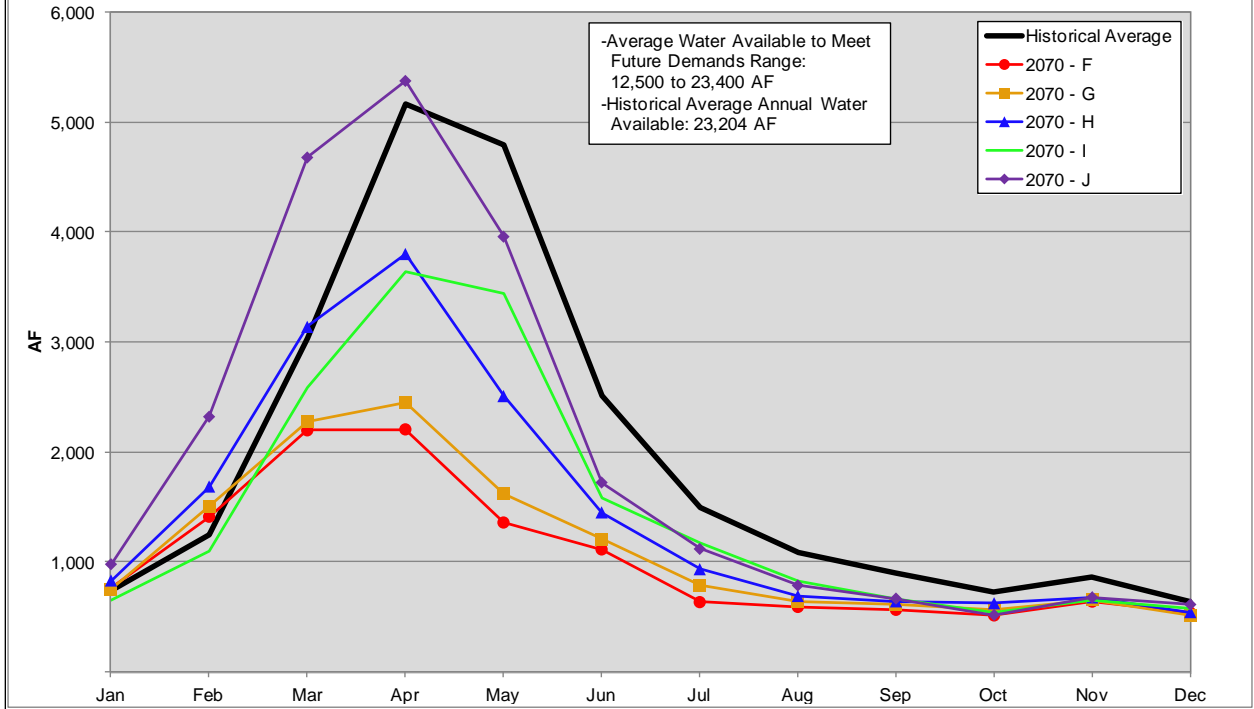
**Figure F110. La Plata River at Hesperus (09365500)
2070 Average Water Available to Meet Future Demands**



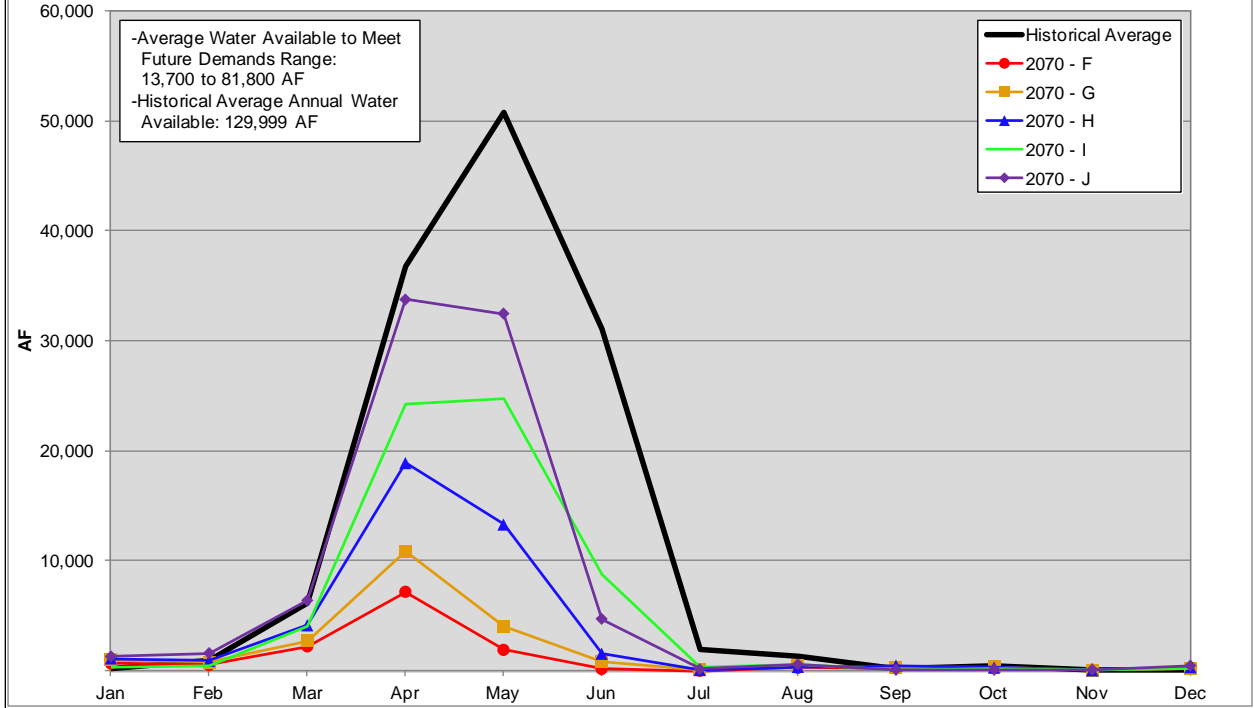
**Fig F111. La Plata River at The Colorado-New Mexico Stateline (09366500)
2070 Average Water Available to Meet Future Demands**



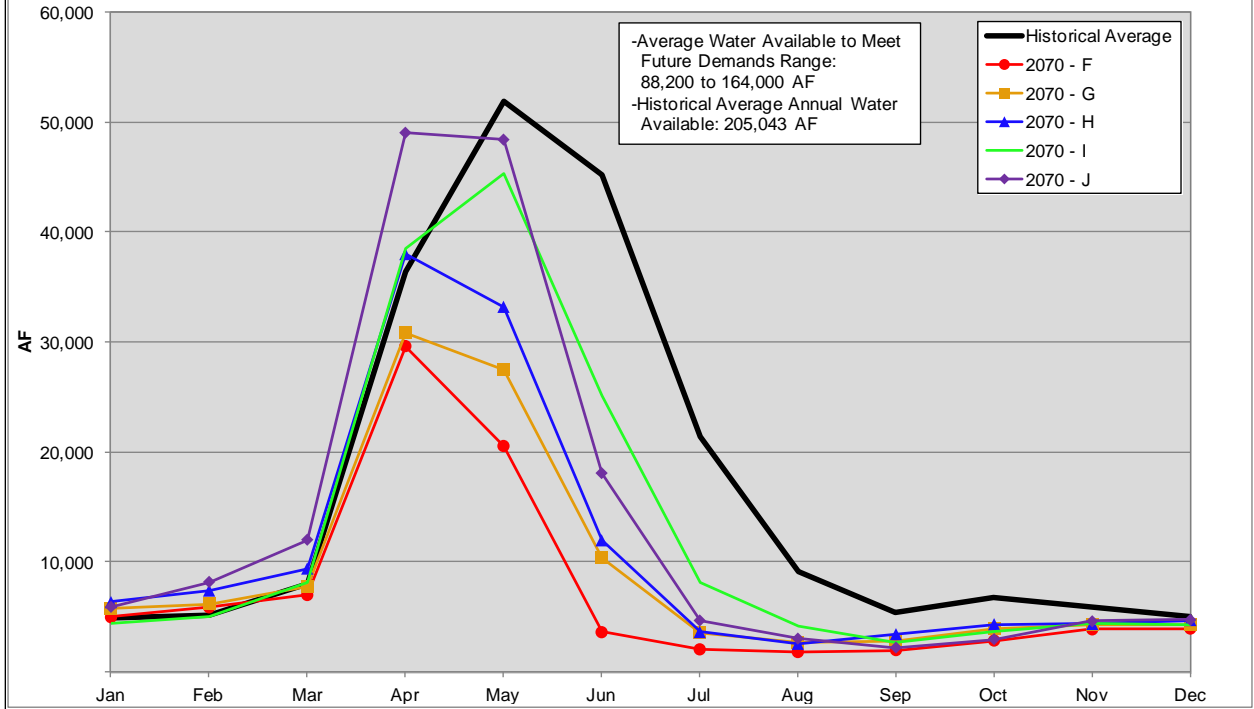
**Figure F112. Mancos River near Towaoc (09371000)
2070 Average Water Available to Meet Future Demands**



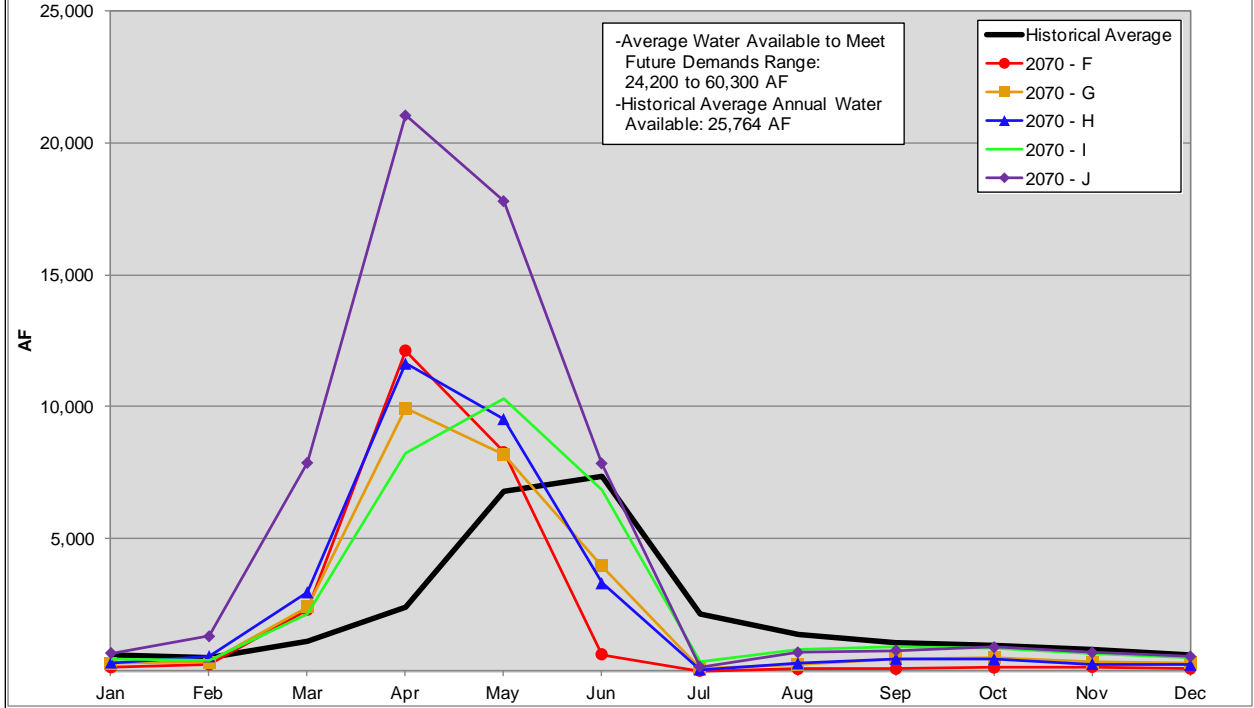
**Figure F113. Dolores River near Bedrock (09171100)
2070 Average Water Available to Meet Future Demands**



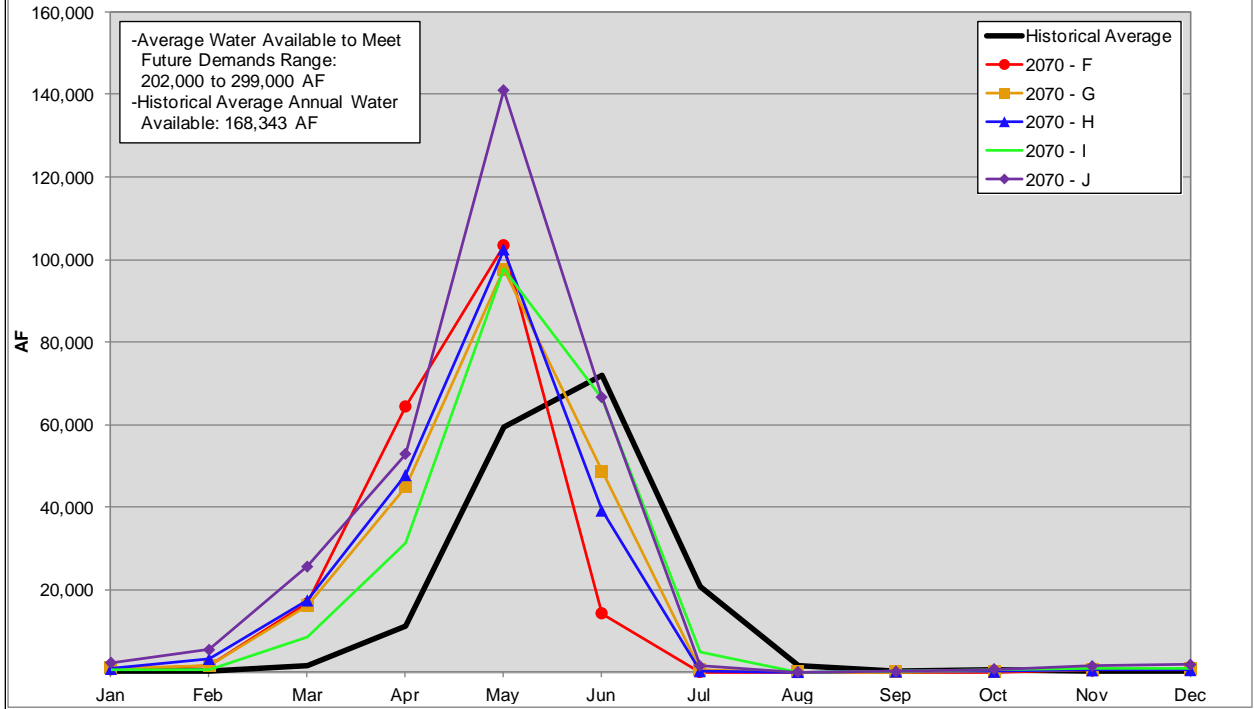
**Figure F114. San Miguel River at Naturita (09175500)
2070 Average Water Available to Meet Future Demands**



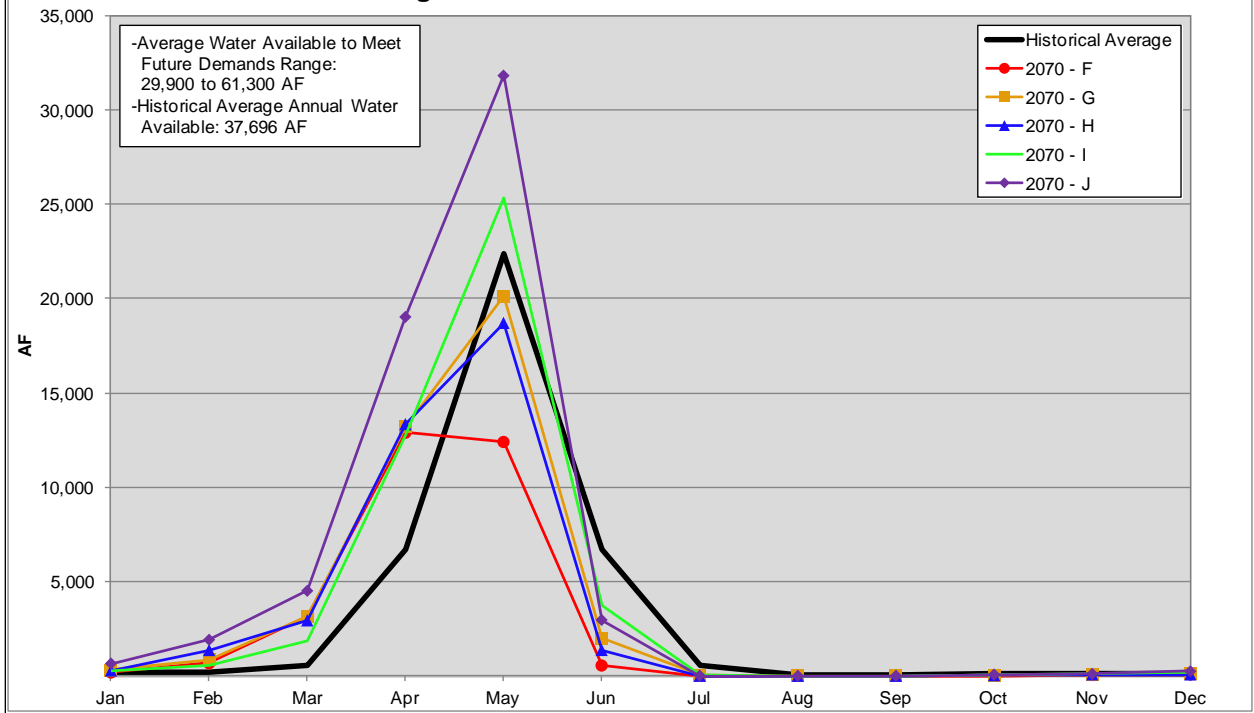
**Figure F115. Yampa River below Stagecoach Reservoir (09237500)
2070 Average Water Available to Meet Future Demands**



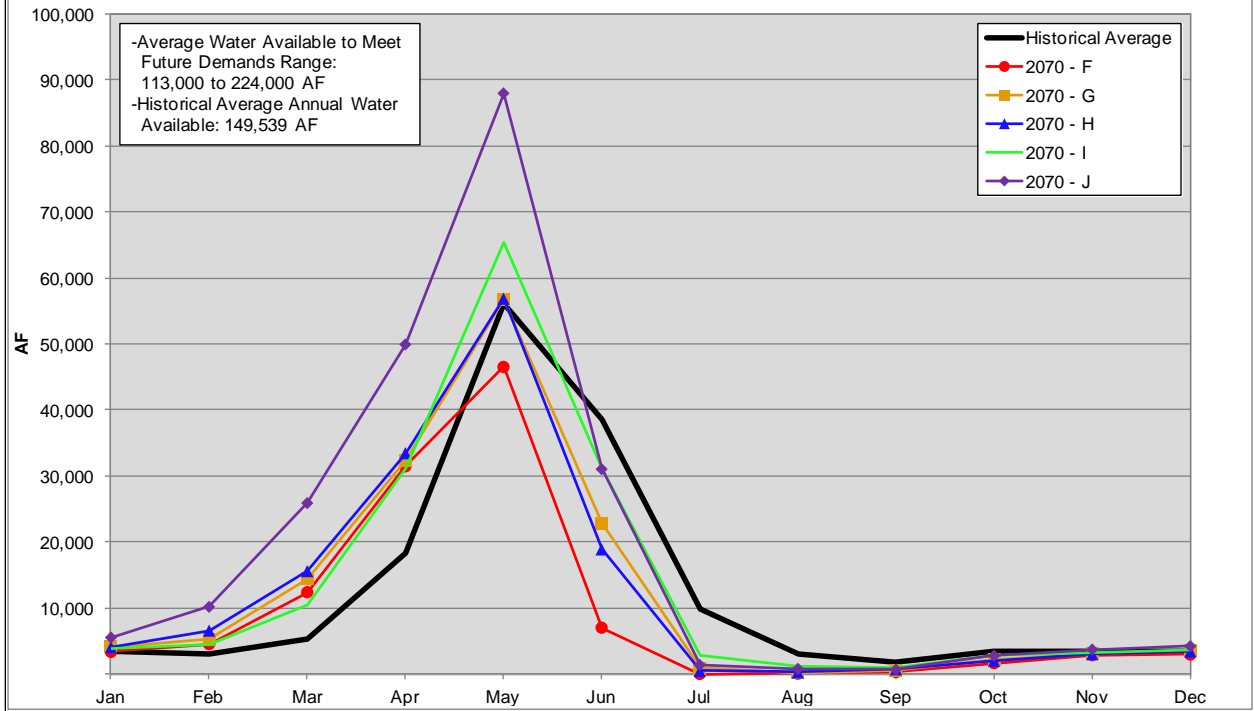
**Figure F116. Elk River at Clark (09241000)
2070 Average Water Available to Meet Future Demands**



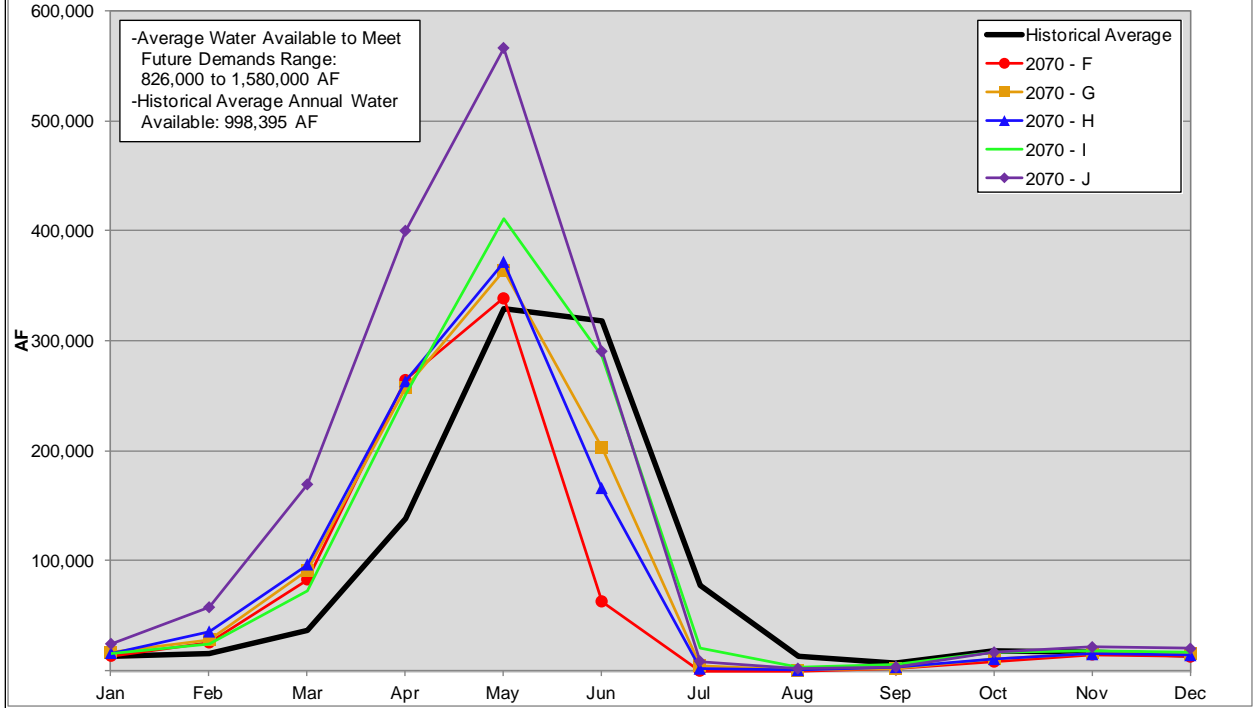
**Figure F117. Elkhead Creek near Elkhead (09245000)
2070 Average Water Available to Meet Future Demands**



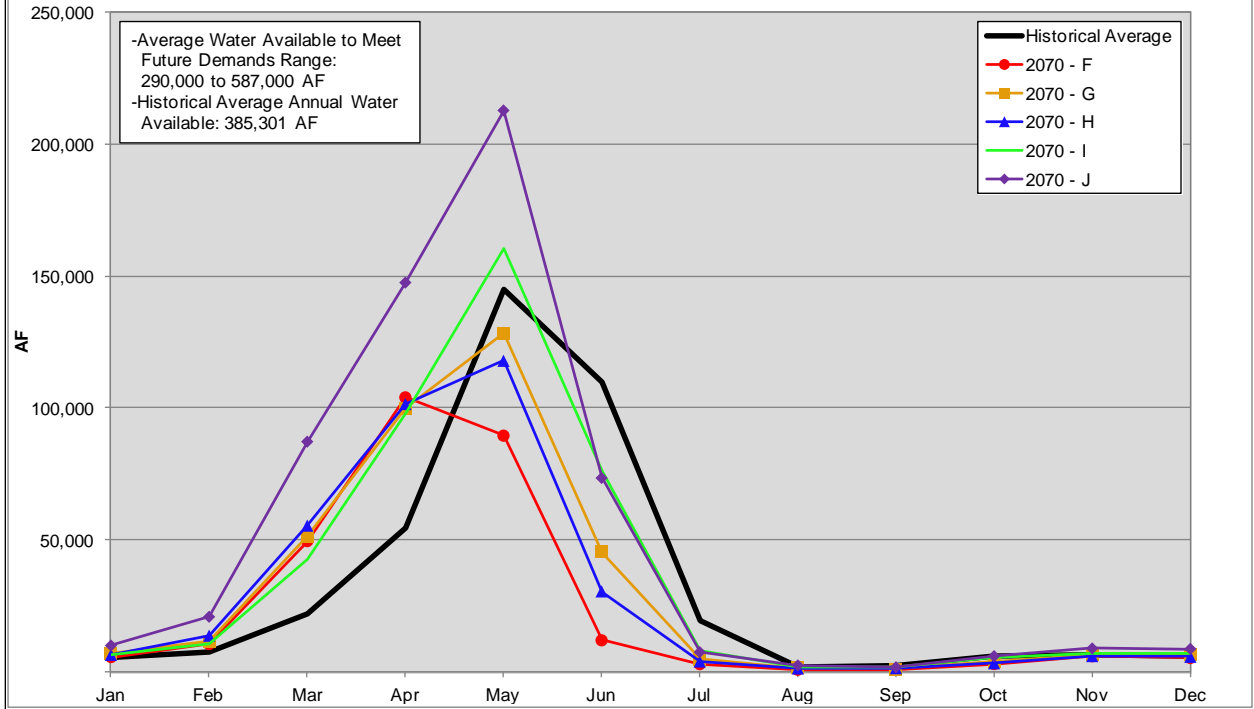
**Figure F118. Williams Fork at Mouth, near Hamilton (09249750)
2070 Average Water Available to Meet Future Demands**



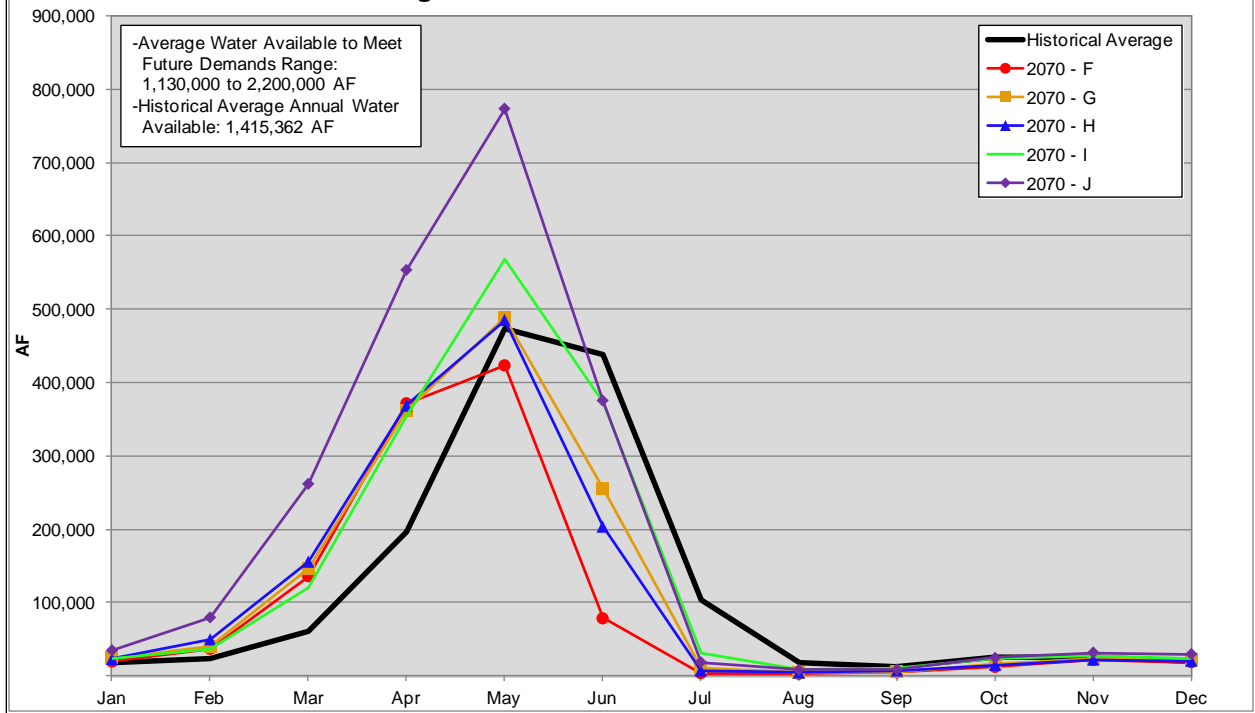
**Figure F119. Yampa River near Maybell (09251000)
2070 Average Water Available to Meet Future Demands**



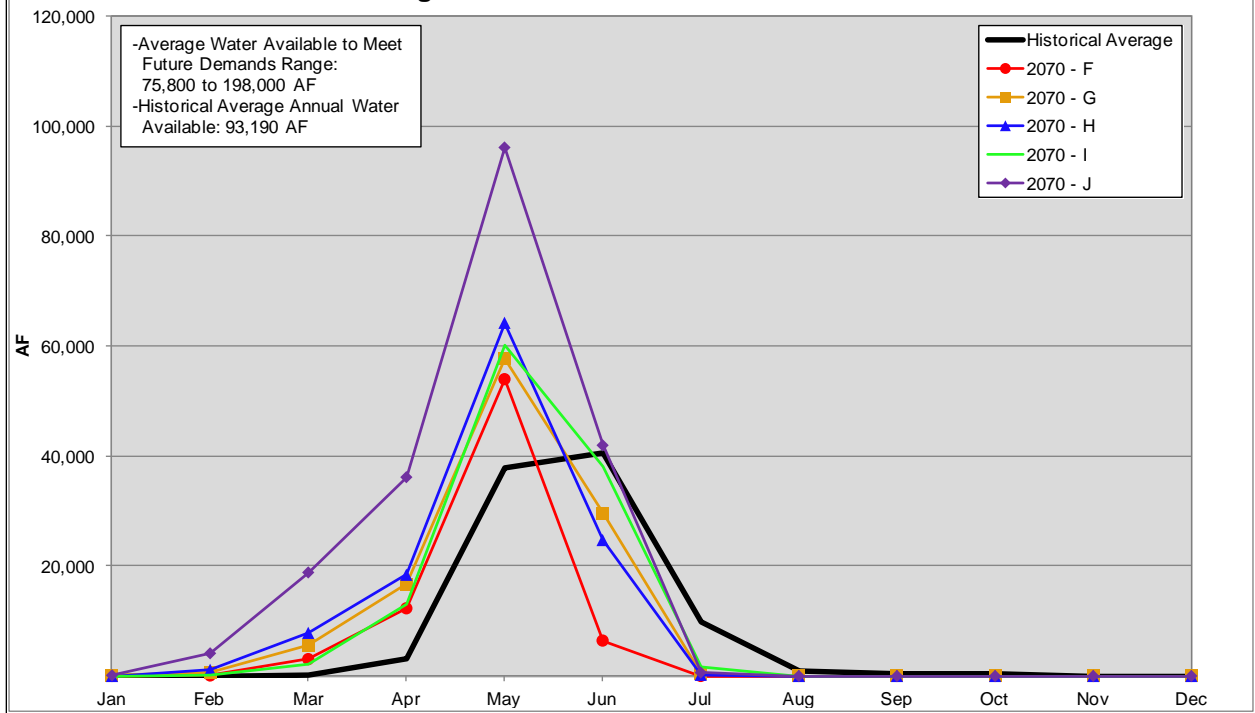
**Figure F120. Little Snake River near Lily (09260000)
2070 Average Water Available to Meet Future Demands**



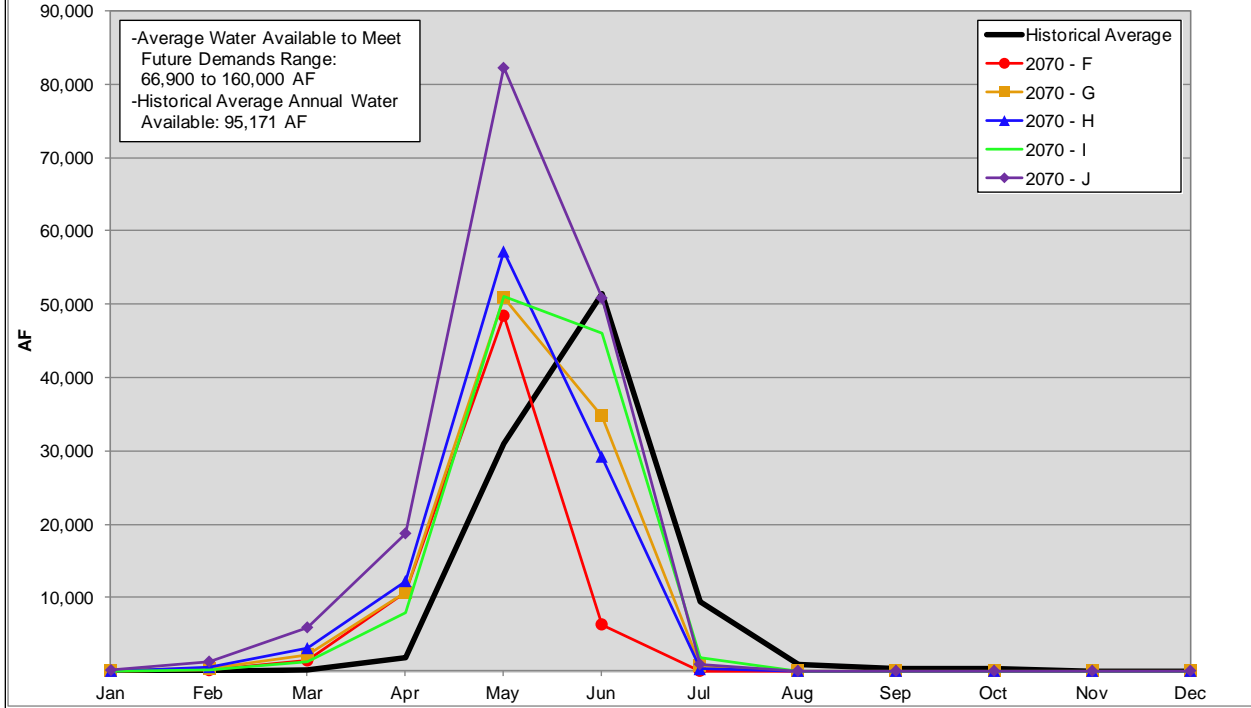
**Figure F121. Yampa River at Deerlodge Park (09260050)
2070 Average Water Available to Meet Future Demands**



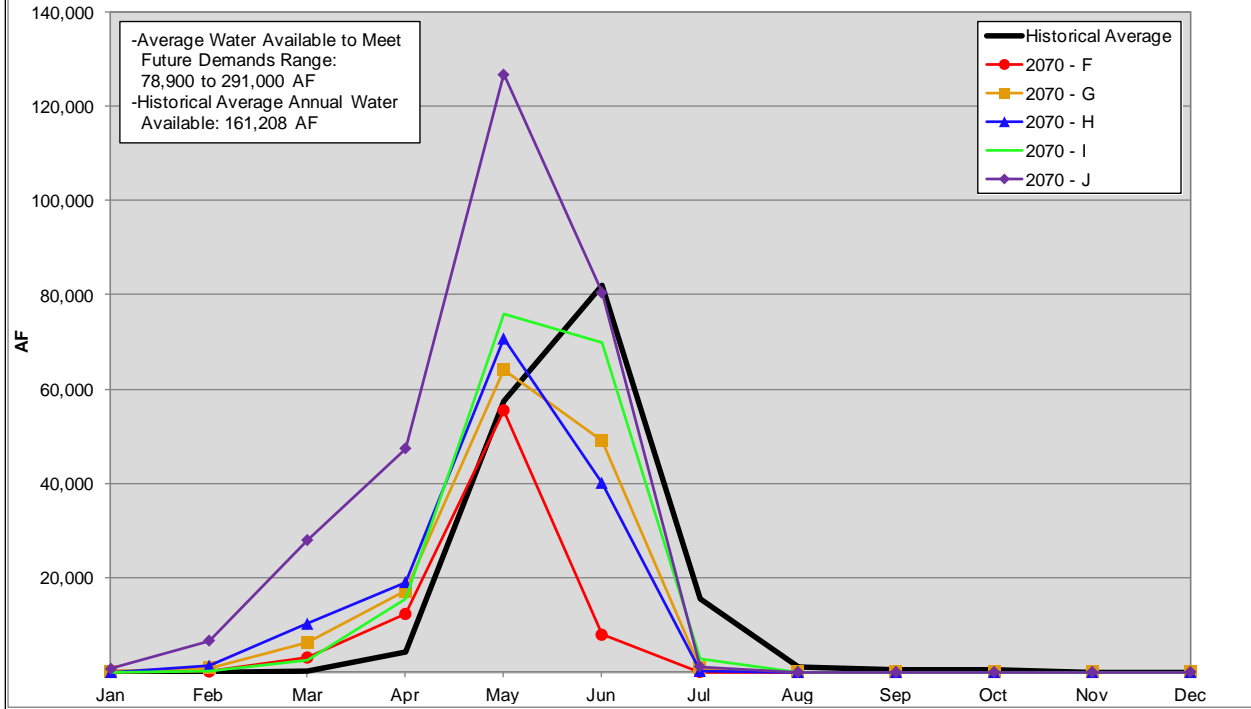
**Figure F122. North Fork White River at Buford (09303000)
2070 Average Water Available to Meet Future Demands**



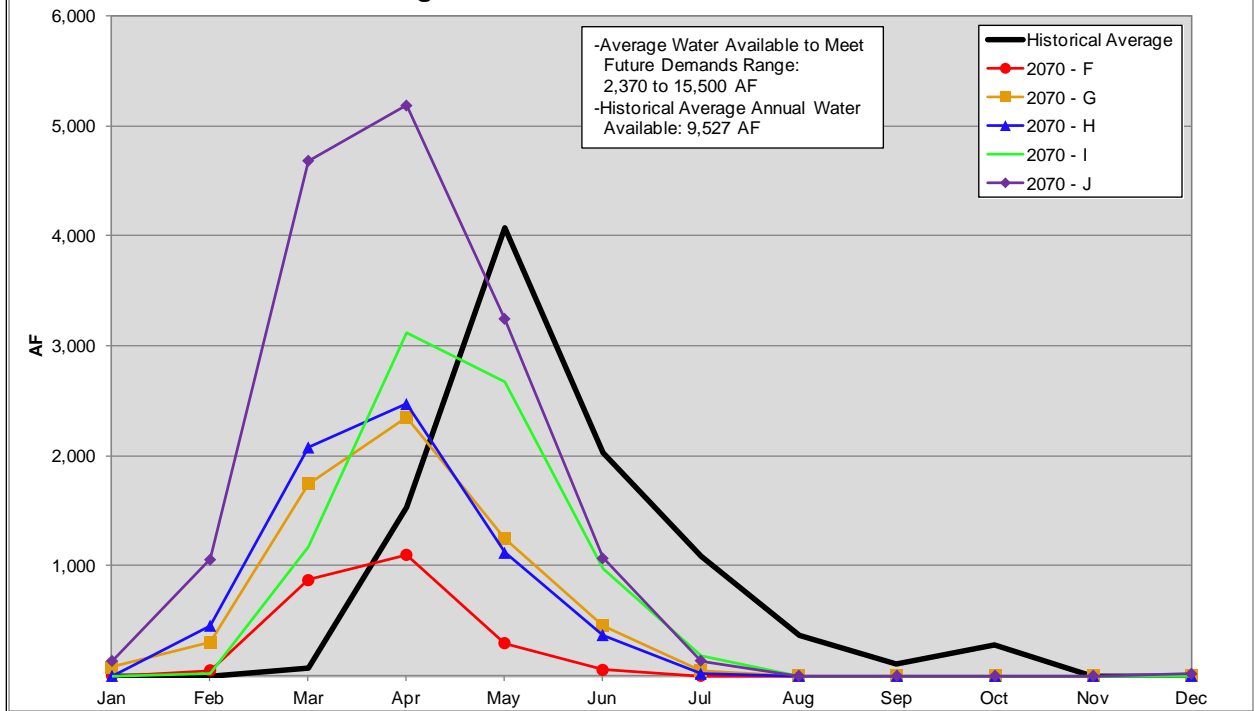
**Figure F123. South Fork White River at Buford (09304000)
2070 Average Water Available to Meet Future Demands**



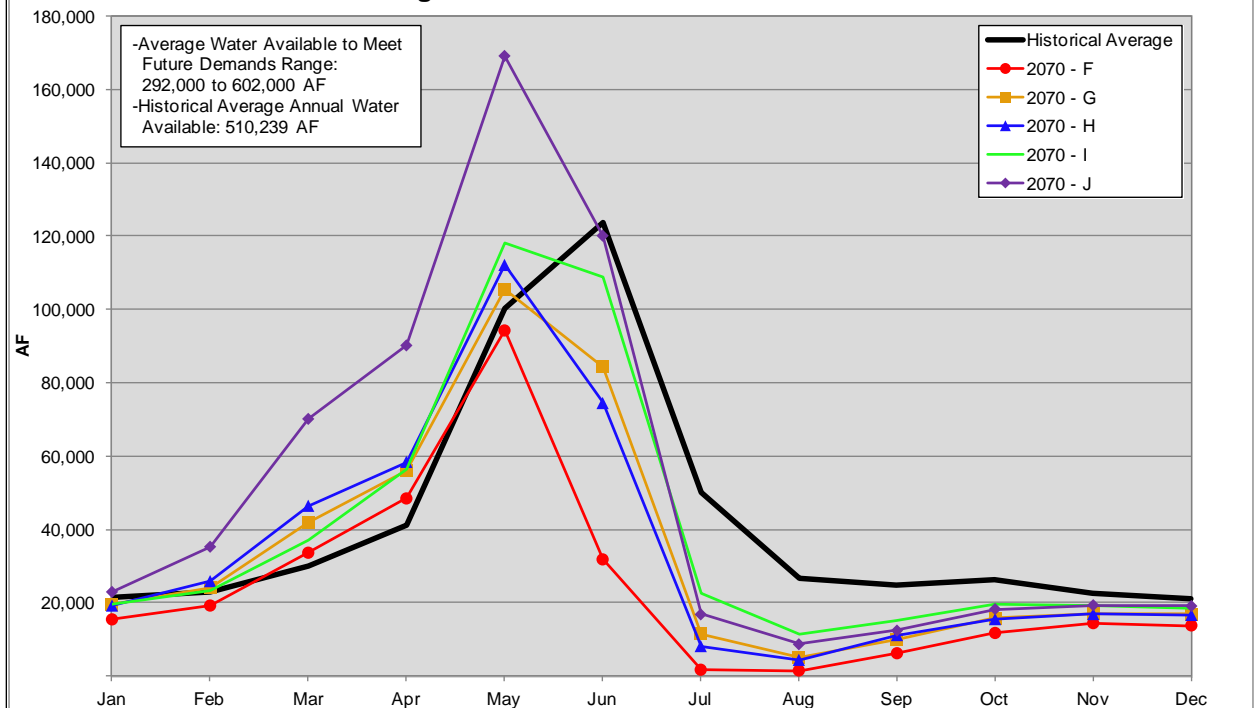
**Figure F124. White River below Meeker (09304800)
2070 Average Water Available to Meet Future Demands**



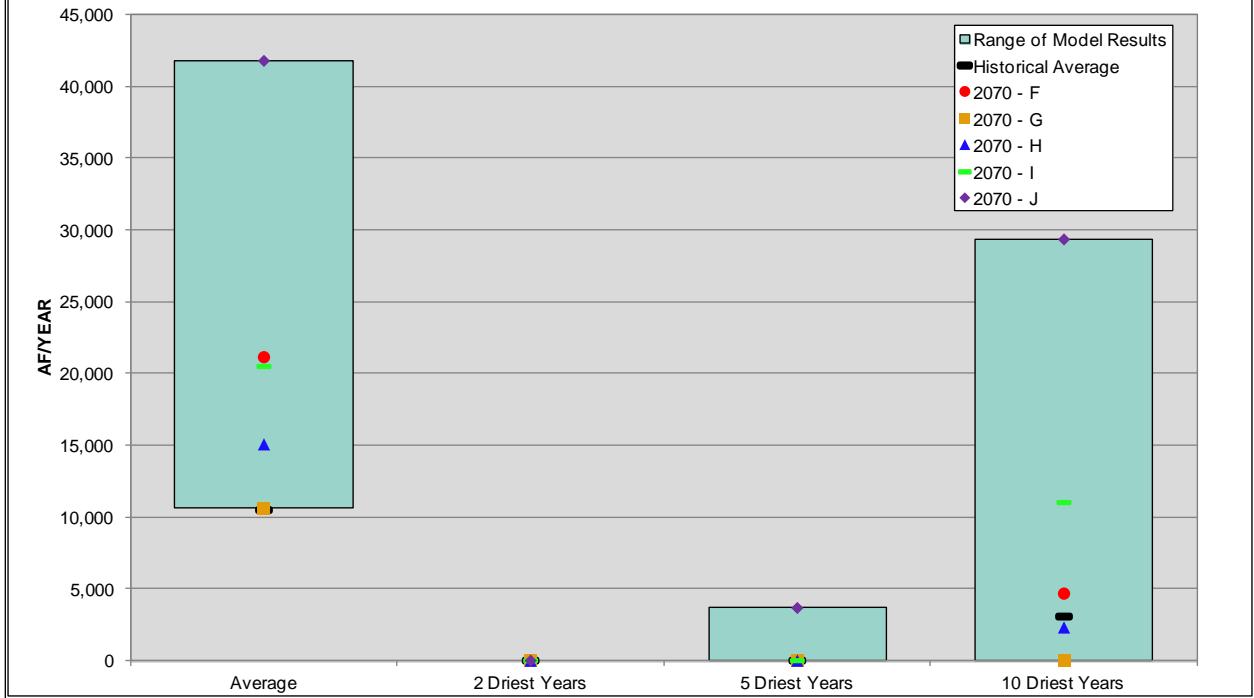
**Figure F125. Piceance Creek at White River (09306222)
2070 Average Water Available to Meet Future Demands**



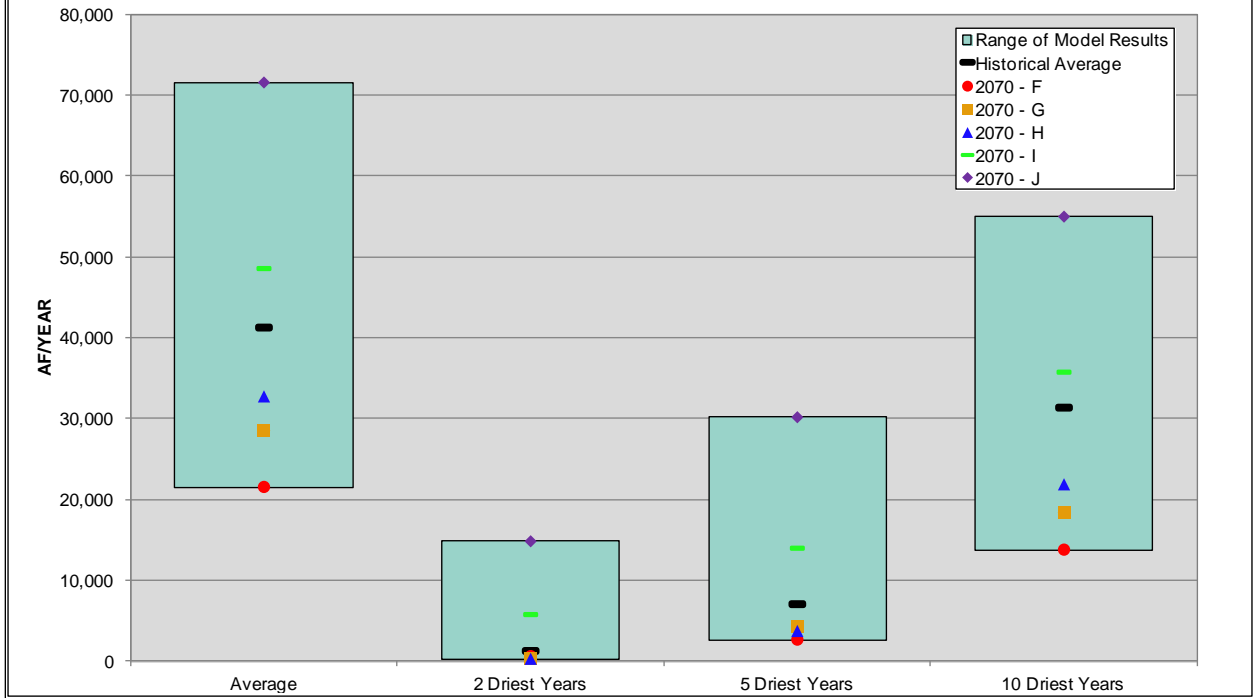
**Figure F126. White River near Colorado State Line, UT (09306395)
2070 Average Water Available to Meet Future Demands**



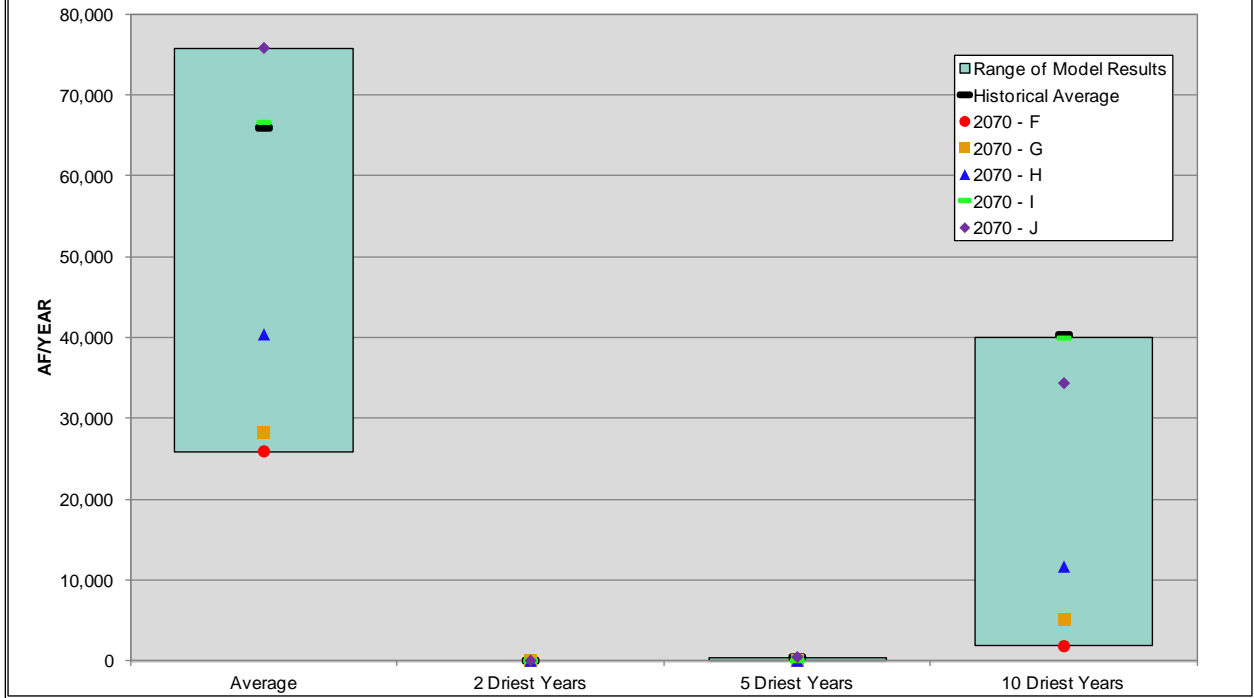
**Figure F127. Colorado River near Grand Lake (09011000)
2070 Water Available to Meet Future Demands**



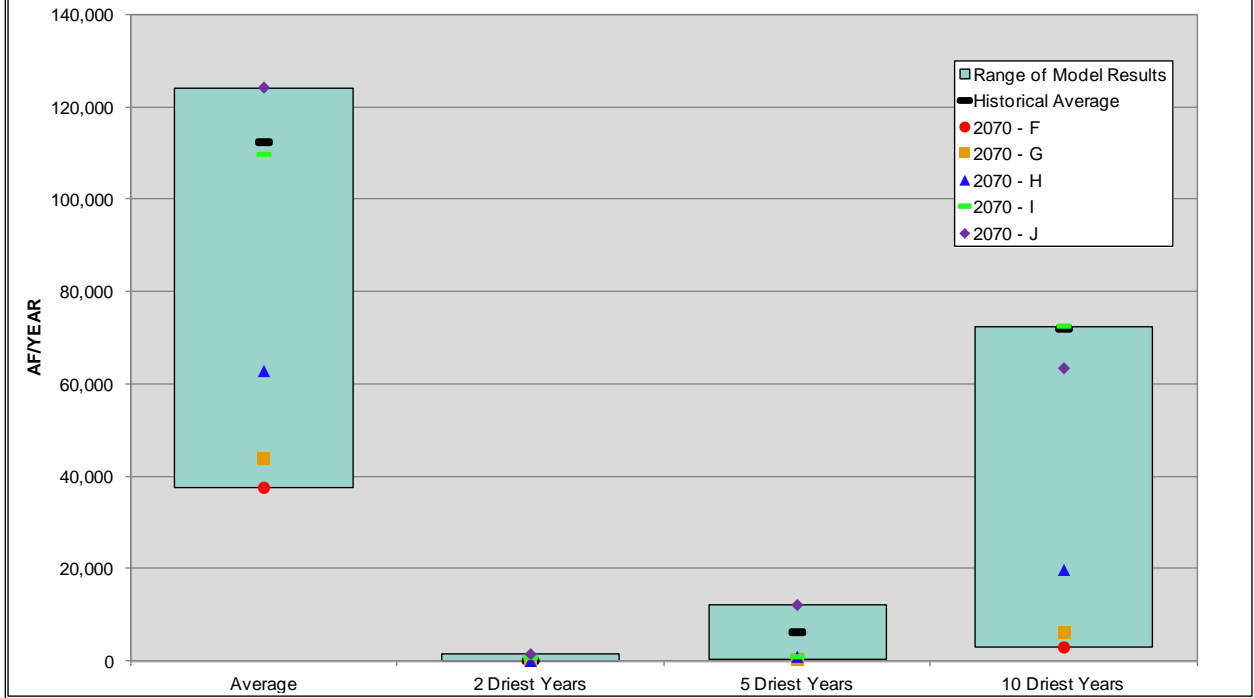
**Figure F128. Muddy Creek at Kremmling (09041500)
2070 Water Available to Meet Future Demands**



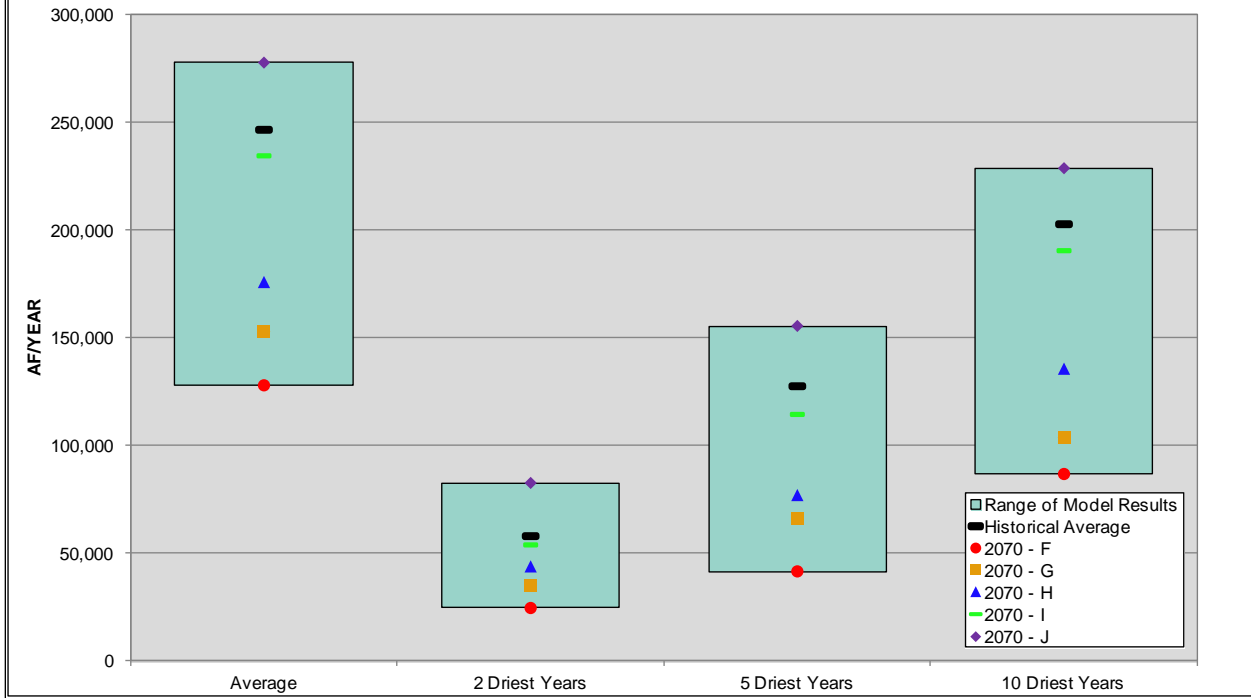
**Figure F129. Blue River below Dillon Reservoir (09050700)
2070 Water Available to Meet Future Demands**



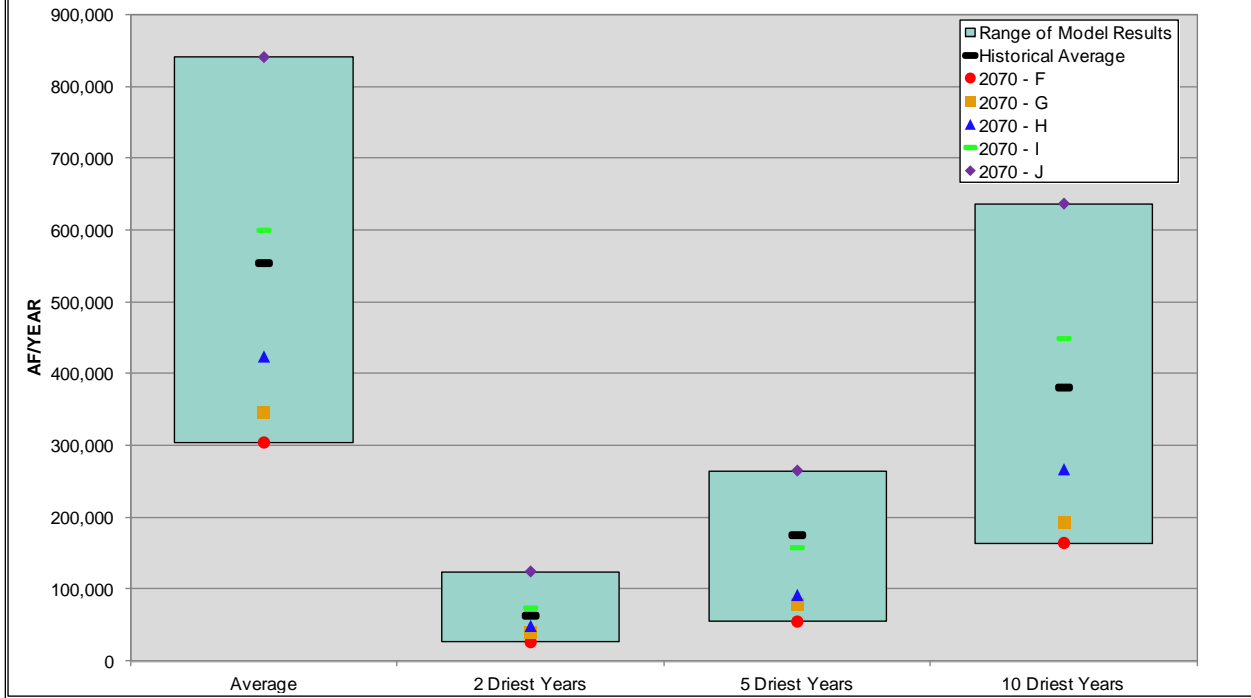
**Figure F130. Blue River below Green Mountain Reservoir (09057500)
2070 Water Available to Meet Future Demands**



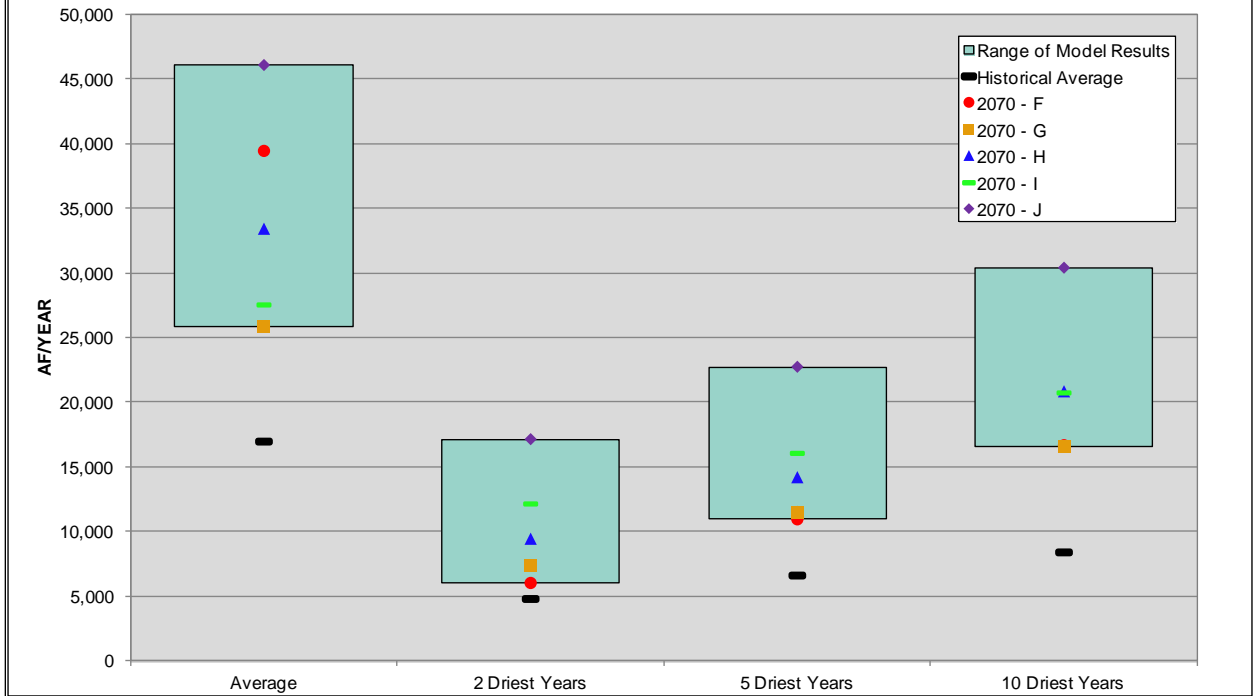
**Figure F131. Eagle River below Gypsum (09070000)
2070 Water Available to Meet Future Demands**



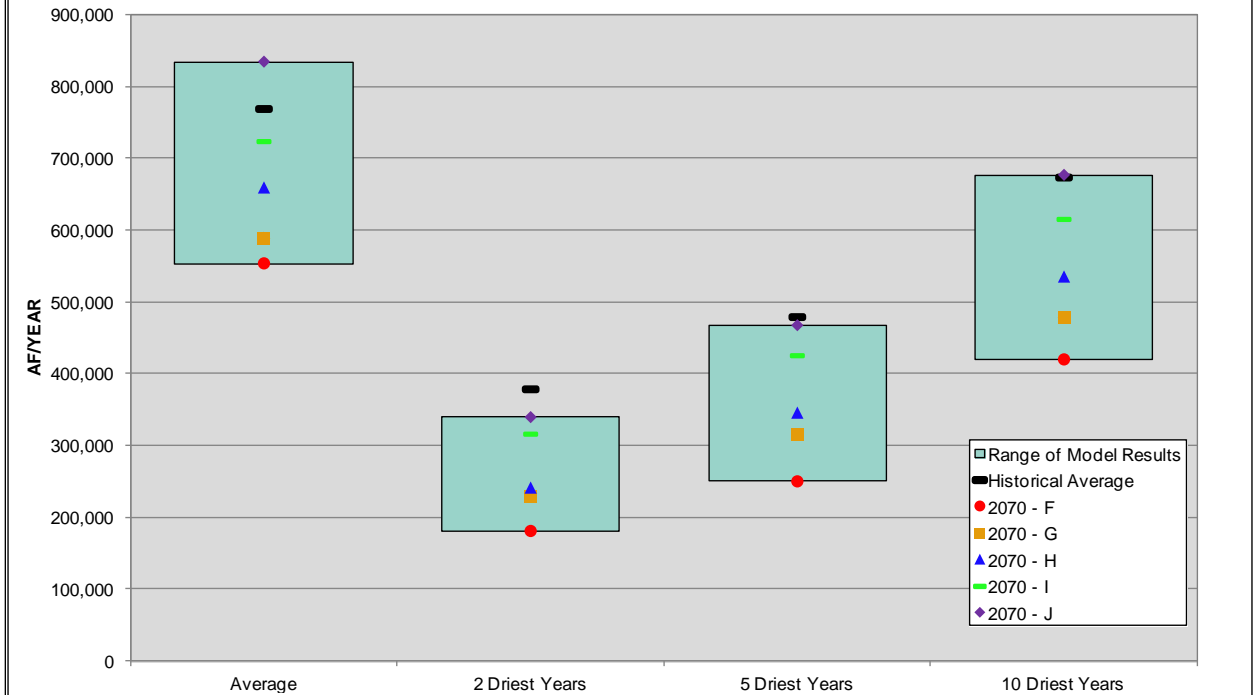
**Figure F132. Colorado River near Dotsero (09070500)
2070 Water Available to Meet Future Demands**



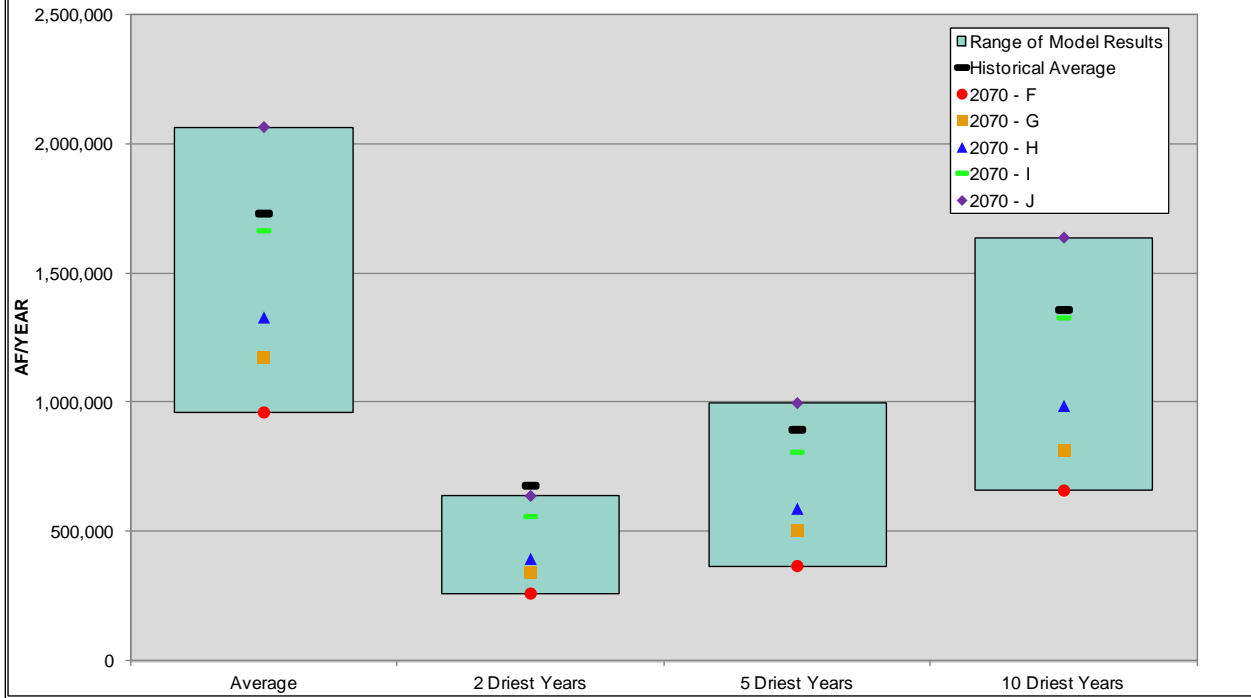
**Figure F133. Roaring Fork River near Aspen (09073400)
2070 Water Available to Meet Future Demands**



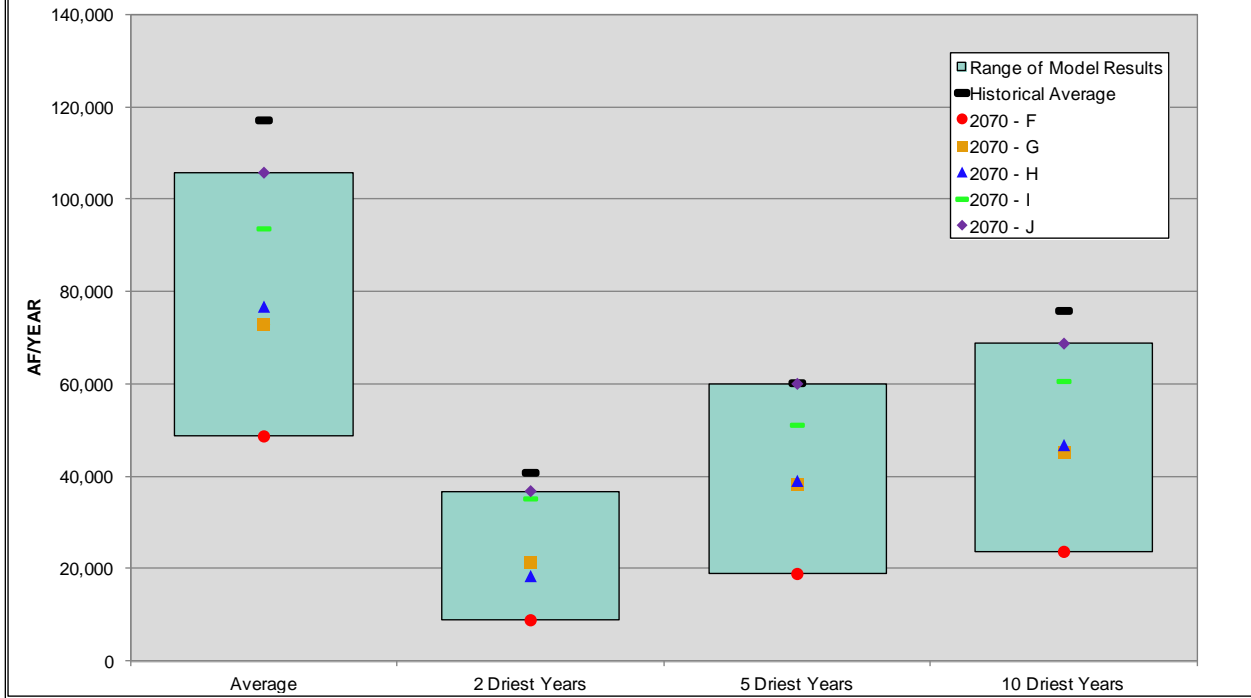
**Figure F134. Roaring Fork River at Glenwood Springs (09085000)
2070 Water Available to Meet Future Demands**



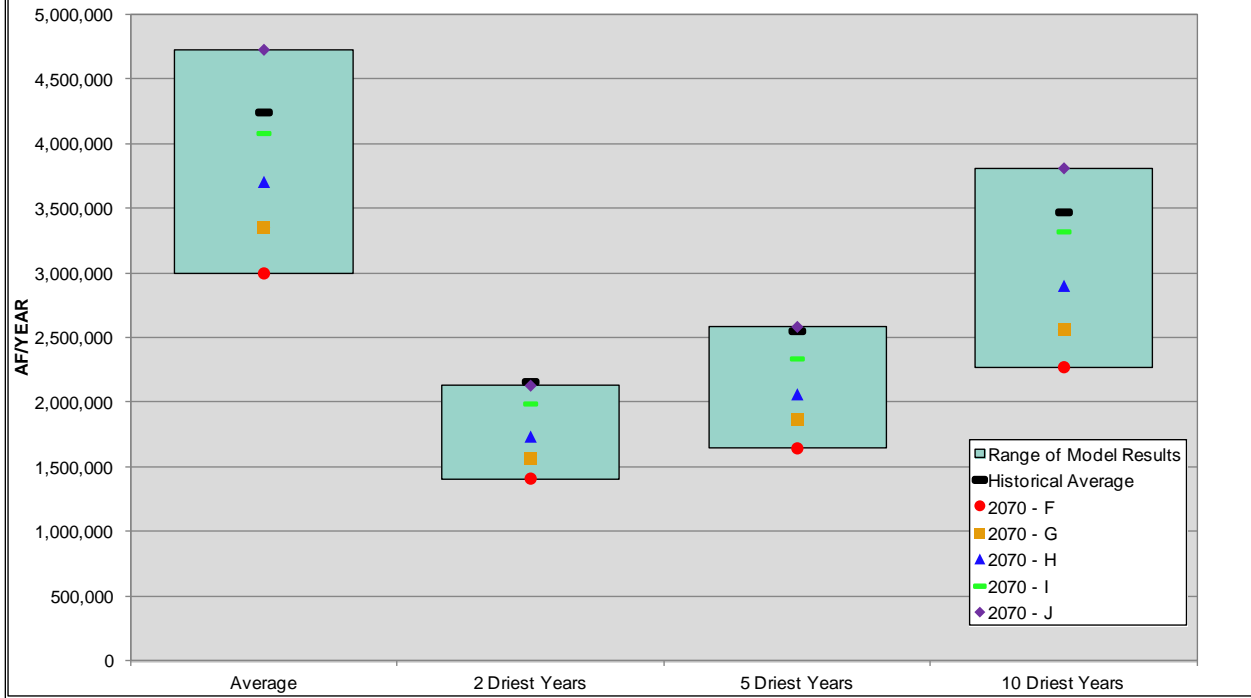
**Figure F135. Colorado River near Cameo (09095500)
2070 Water Available to Meet Future Demands**



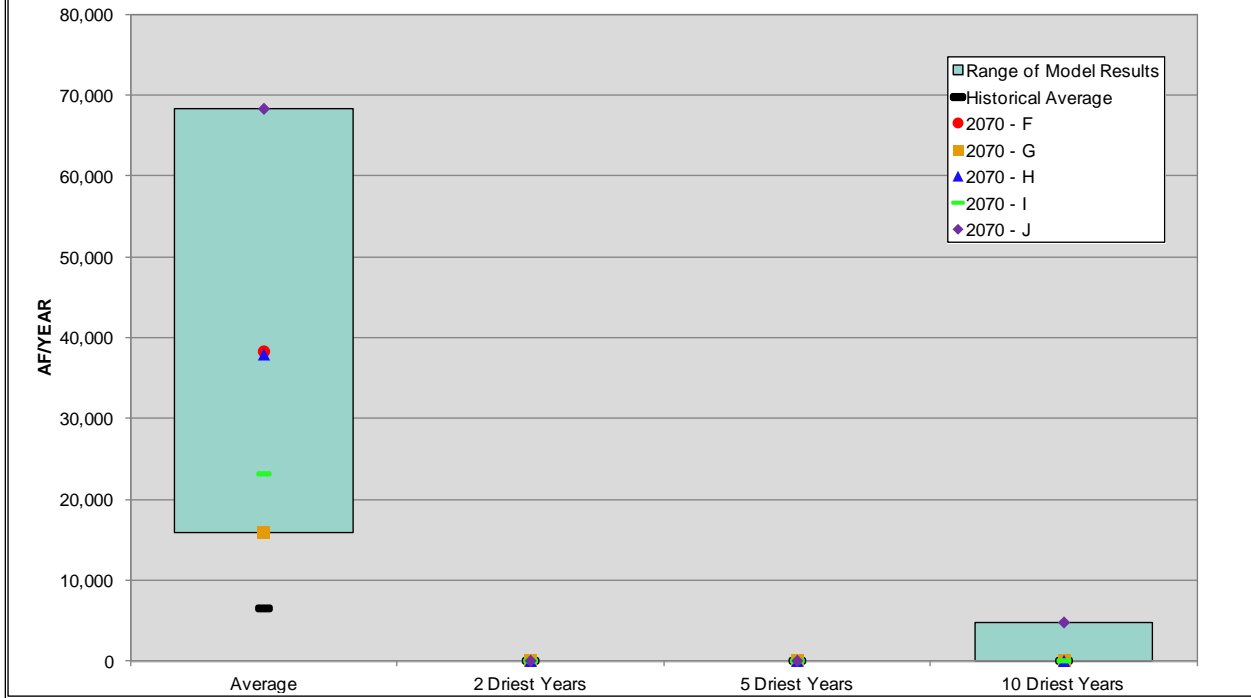
**Figure F136. Plateau Creek near Cameo (09105000)
2070 Water Available to Meet Future Demands**



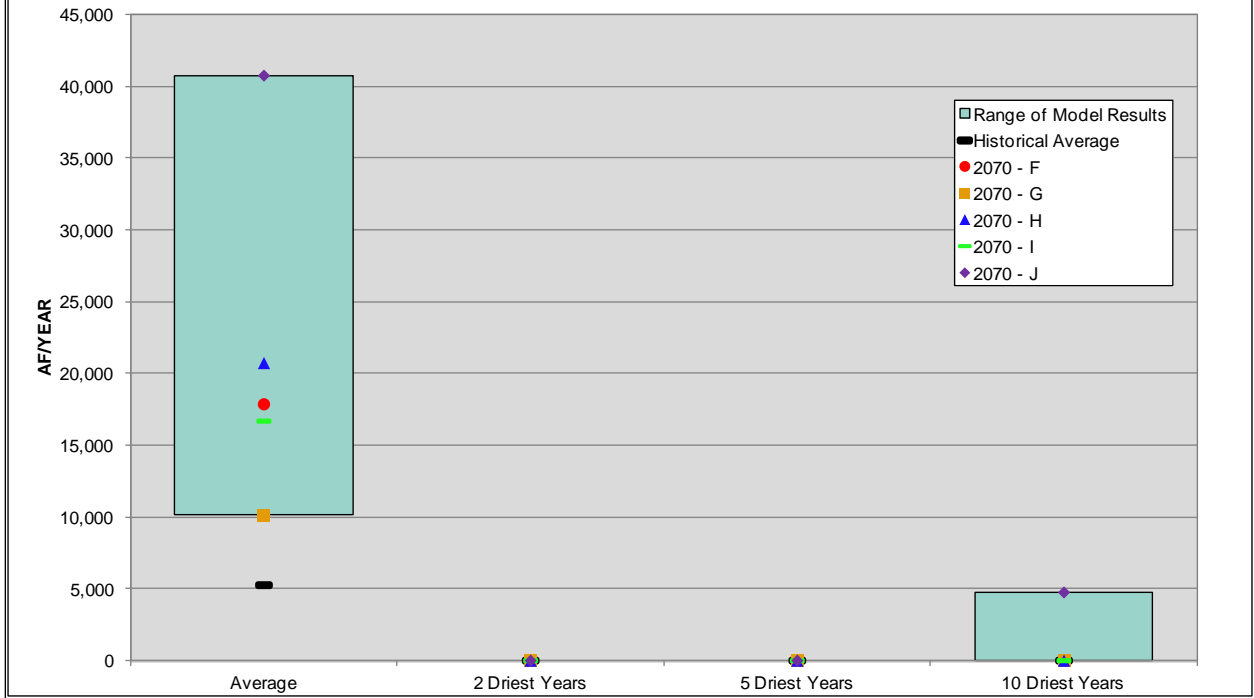
**Figure F137. Colorado River near Colorado-Utah State Line (09163500)
2070 Water Available to Meet Future Demands**



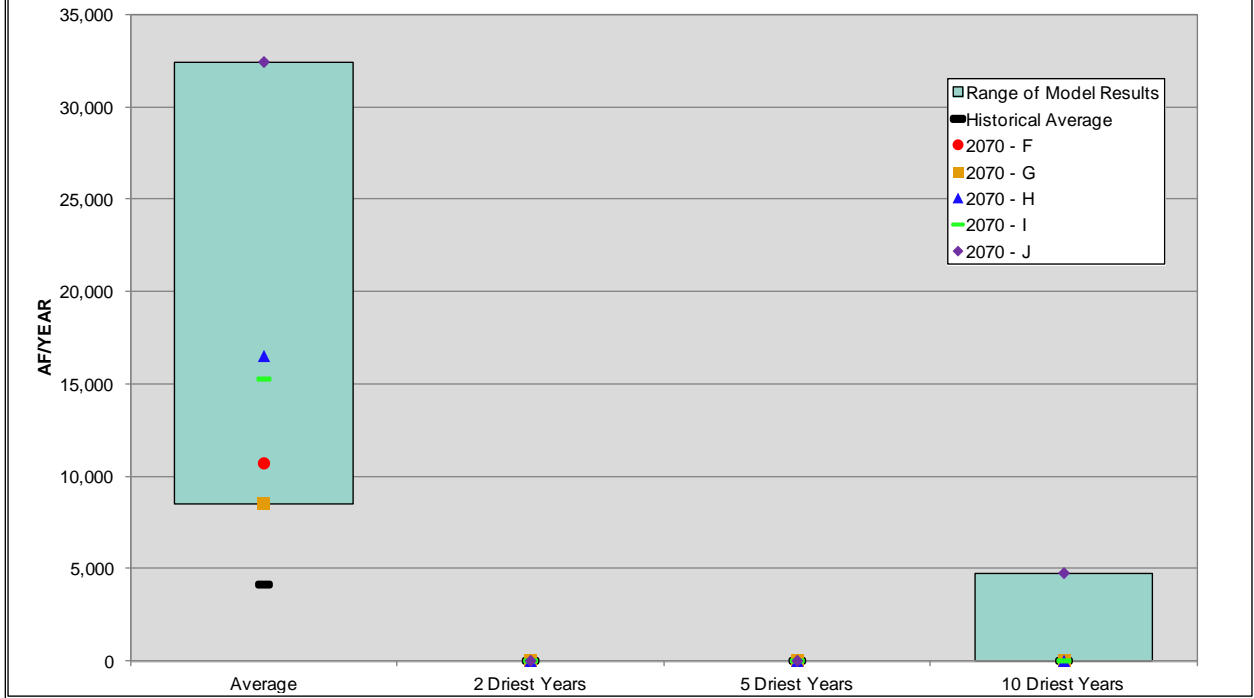
**Figure F138. East River at Almont (09112500)
2070 Water Available to Meet Future Demands**



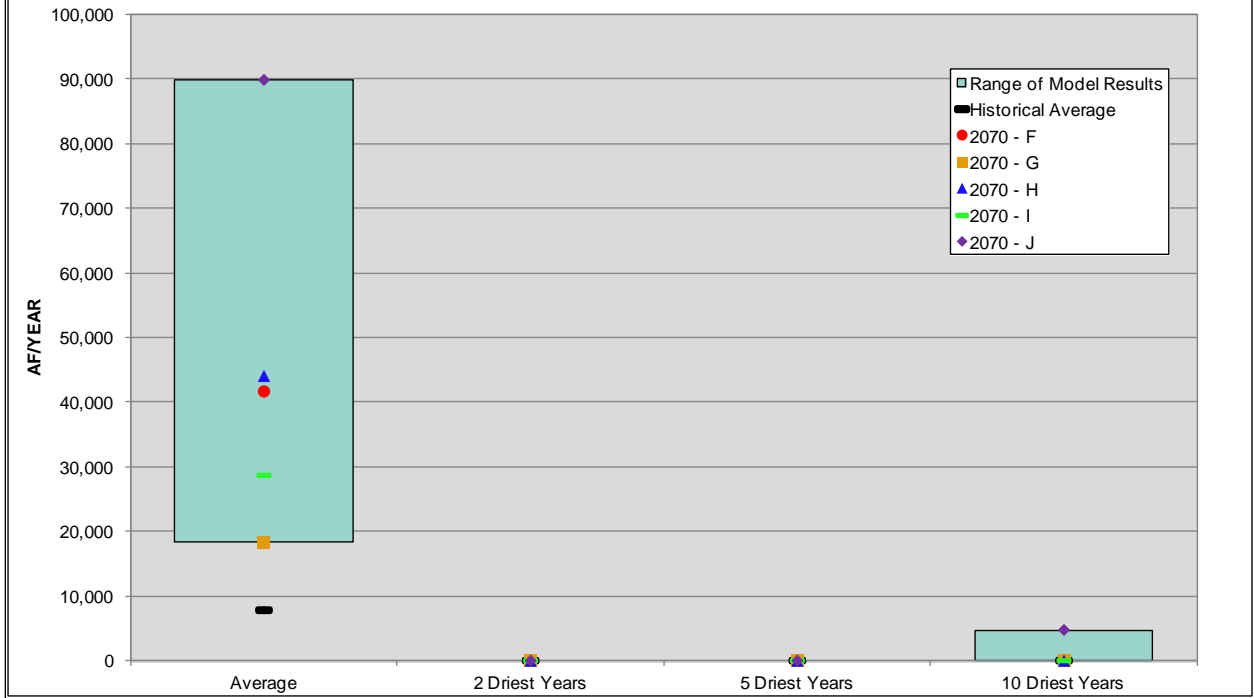
**Figure F139. Taylor River at Almont (09110000)
2070 Water Available to Meet Future Demands**



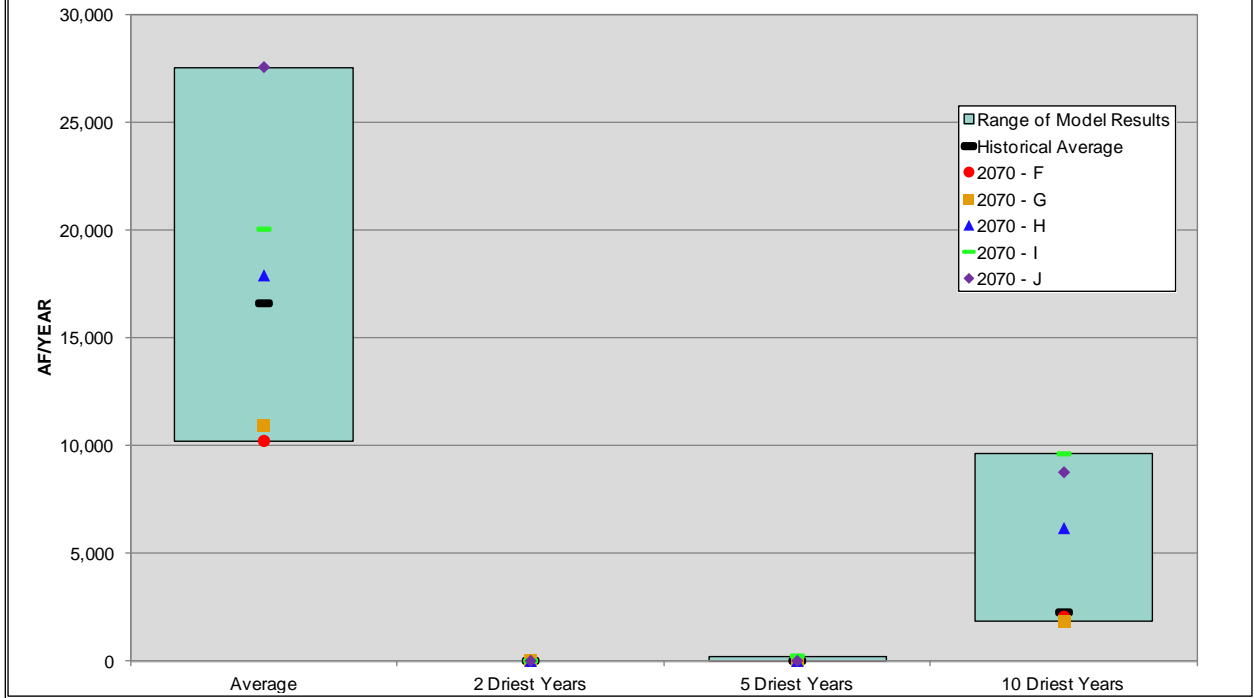
**Figure F140. Tomichi Creek at Gunnison (09119000)
2070 Water Available to Meet Future Demands**



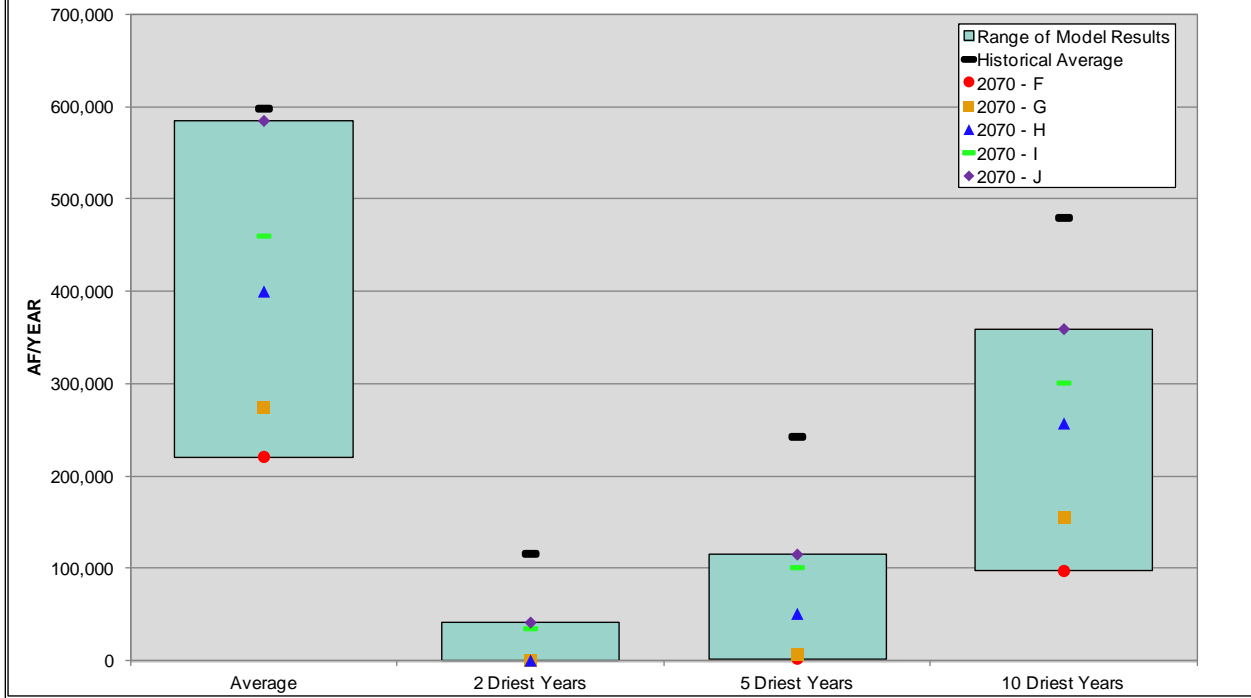
**Figure F141. Gunnison River near Gunnison (09114500)
2070 Water Available to Meet Future Demands**



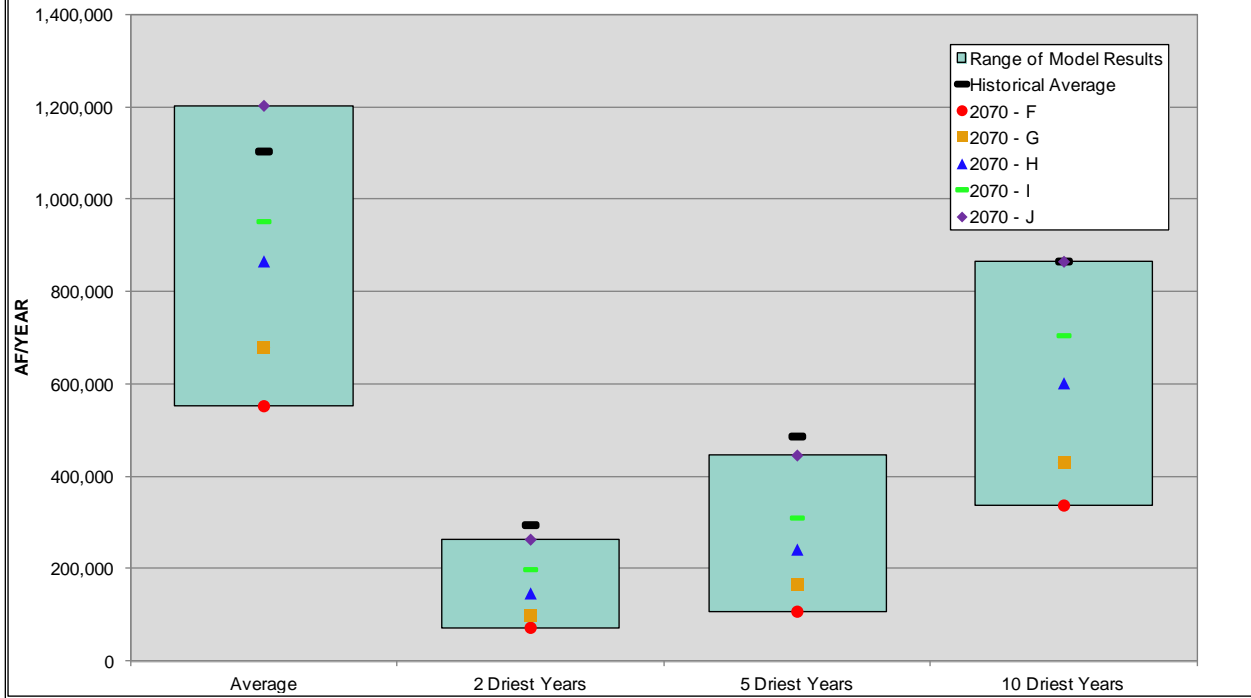
**Figure F142. Cimarron River at Cimarron (09126500)
2070 Water Available to Meet Future Demands**



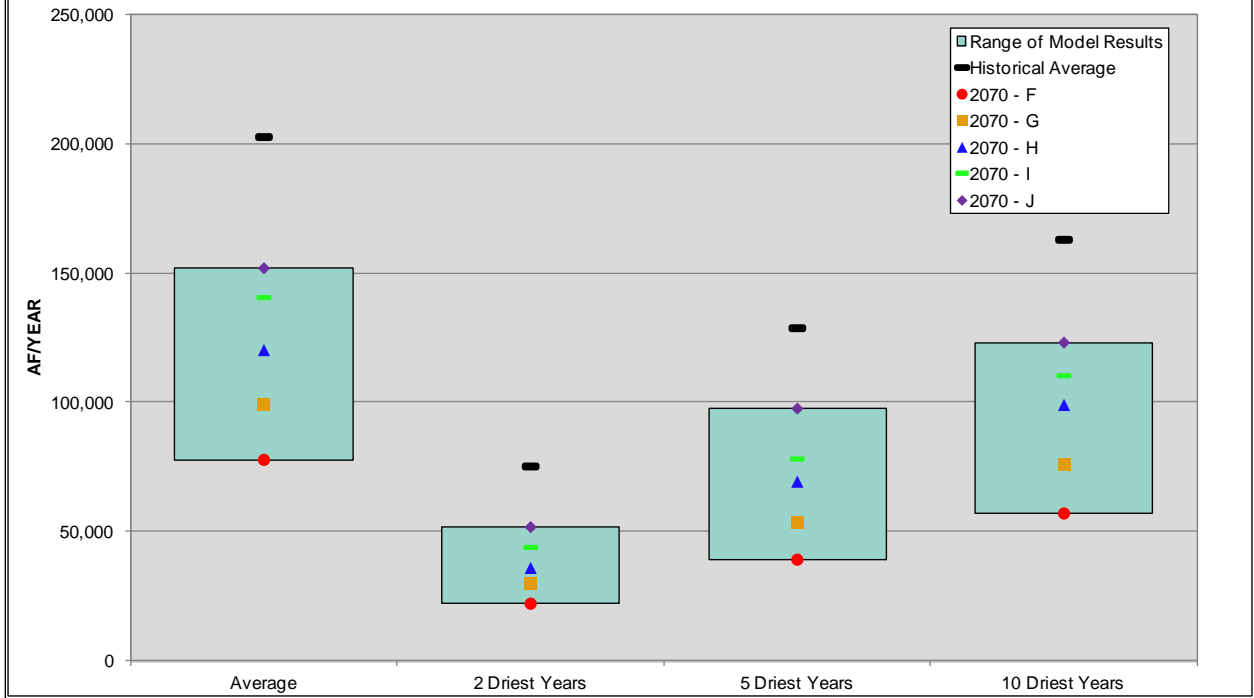
**Figure F143. Gunnison River below Gunnison Tunnel (09128000)
2070 Water Available to Meet Future Demands**



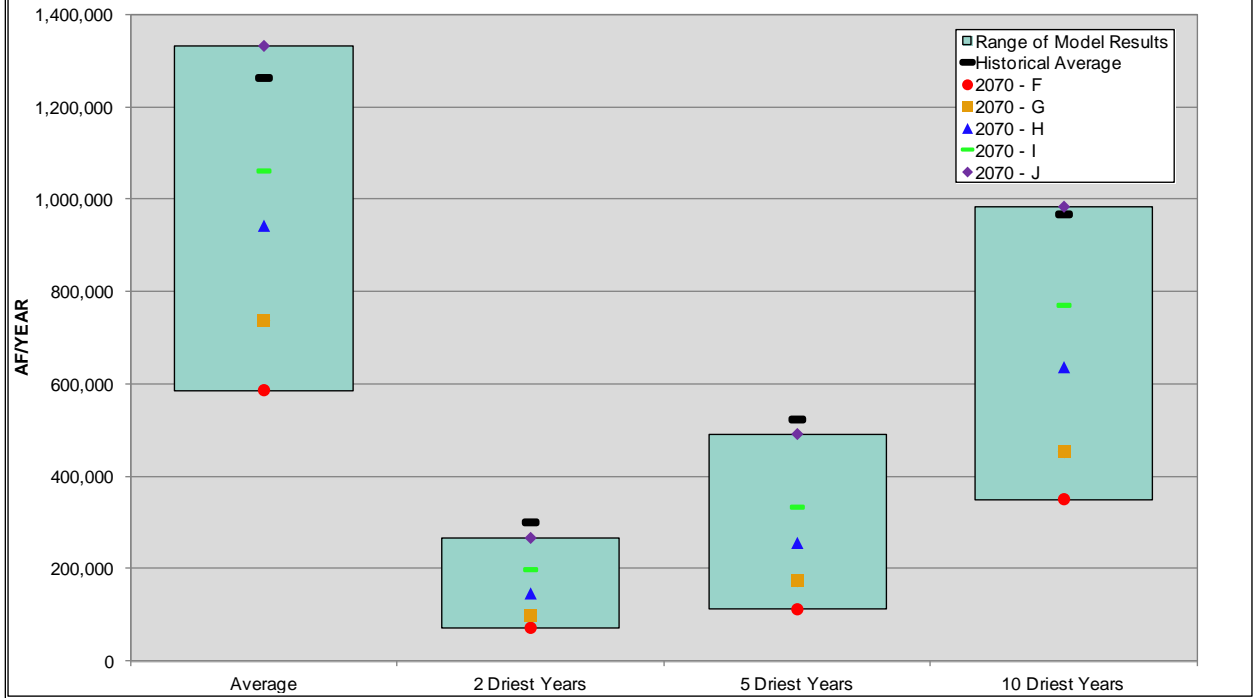
**Figure F144. Gunnison River near Lazear (09136200)
2070 Water Available to Meet Future Demands**



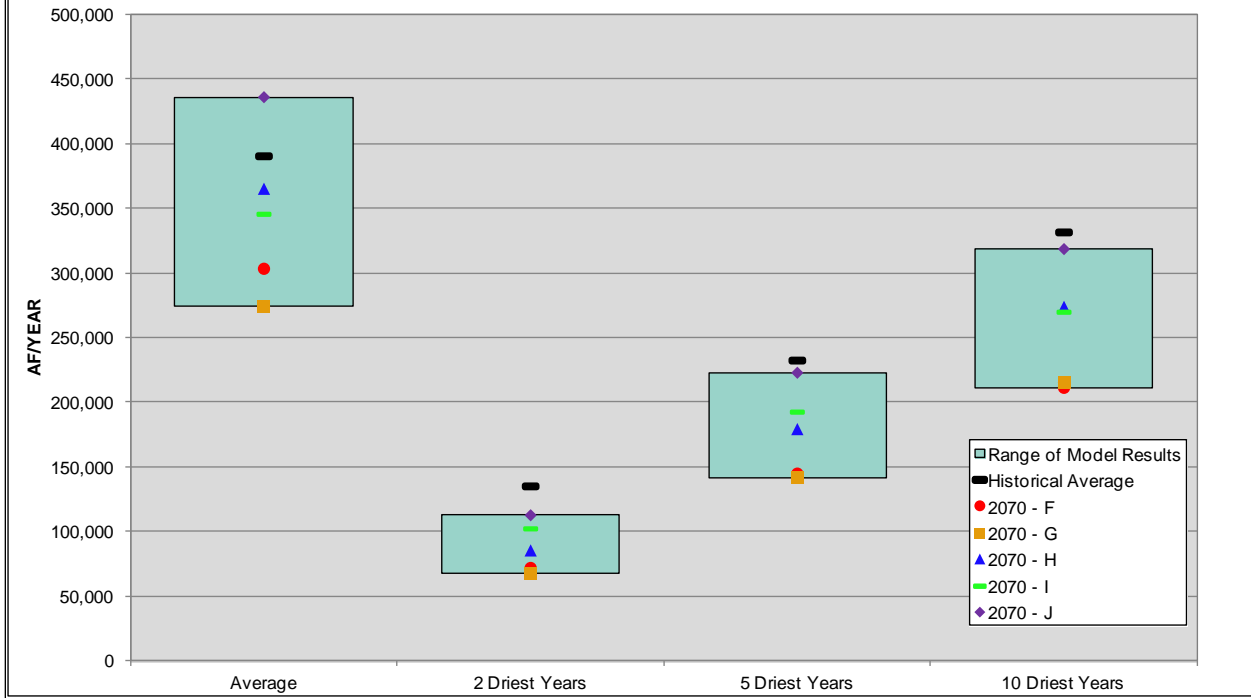
**Figure F145. Uncompahgre River at Delta (09149500)
2070 Water Available to Meet Future Demands**



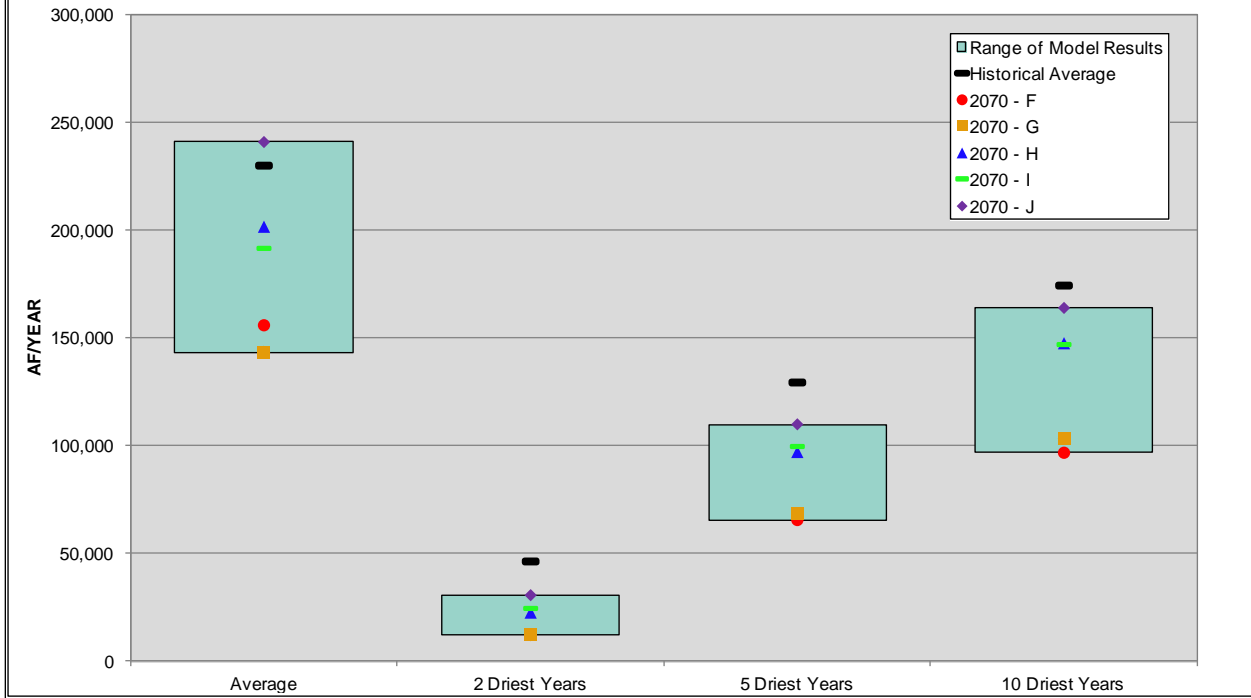
**Figure F146. Gunnison River near Grand Junction (09152500)
2070 Water Available to Meet Future Demands**



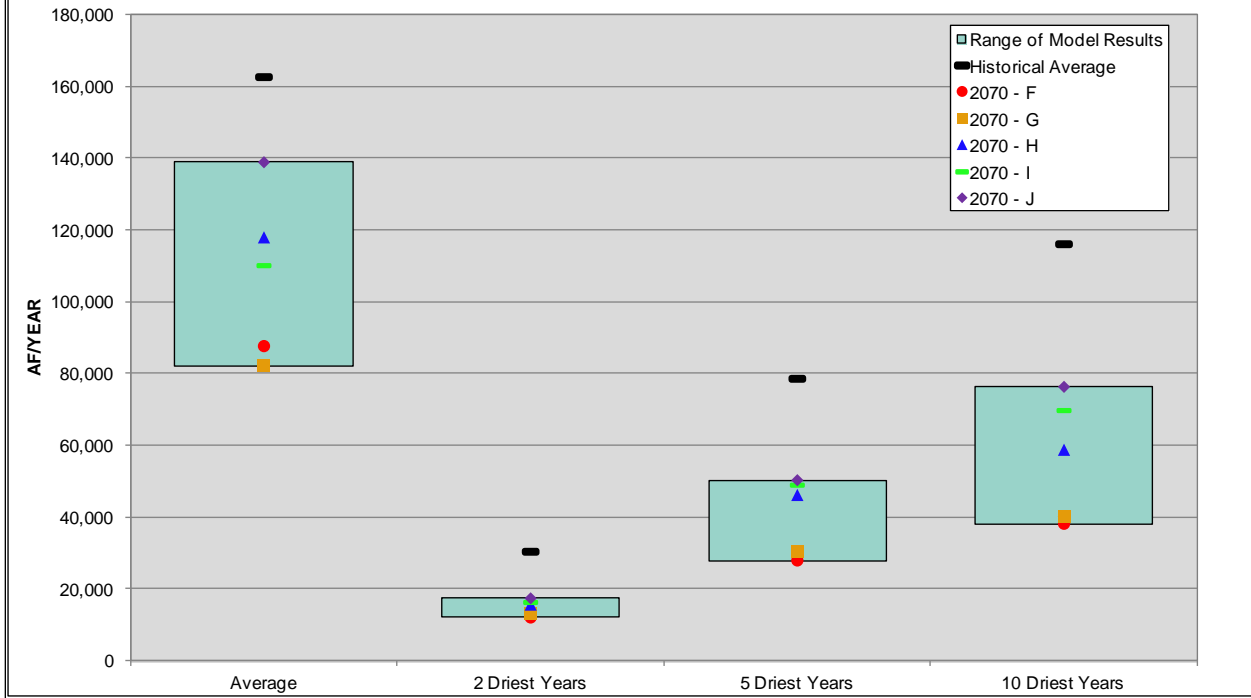
**Figure F147. San Juan River near Carracas (09346400)
2070 Water Available to Meet Future Demands**



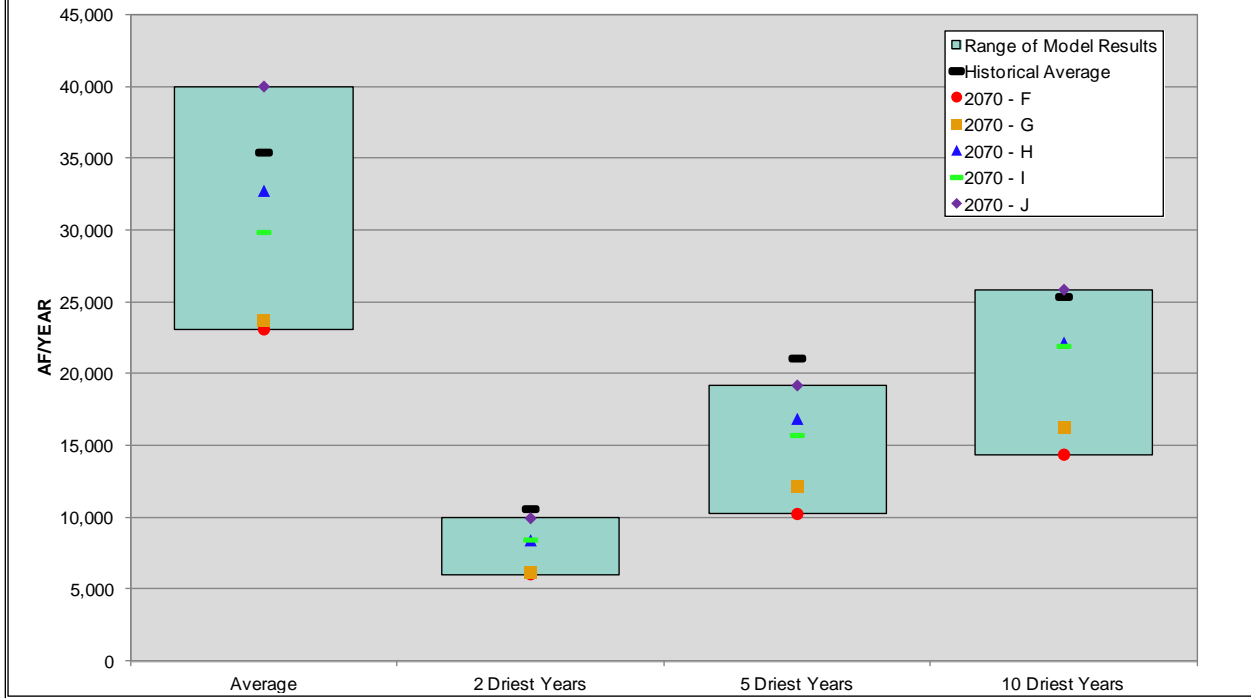
**Figure F148. Piedra River near Arboles (09349800)
2070 Water Available to Meet Future Demands**



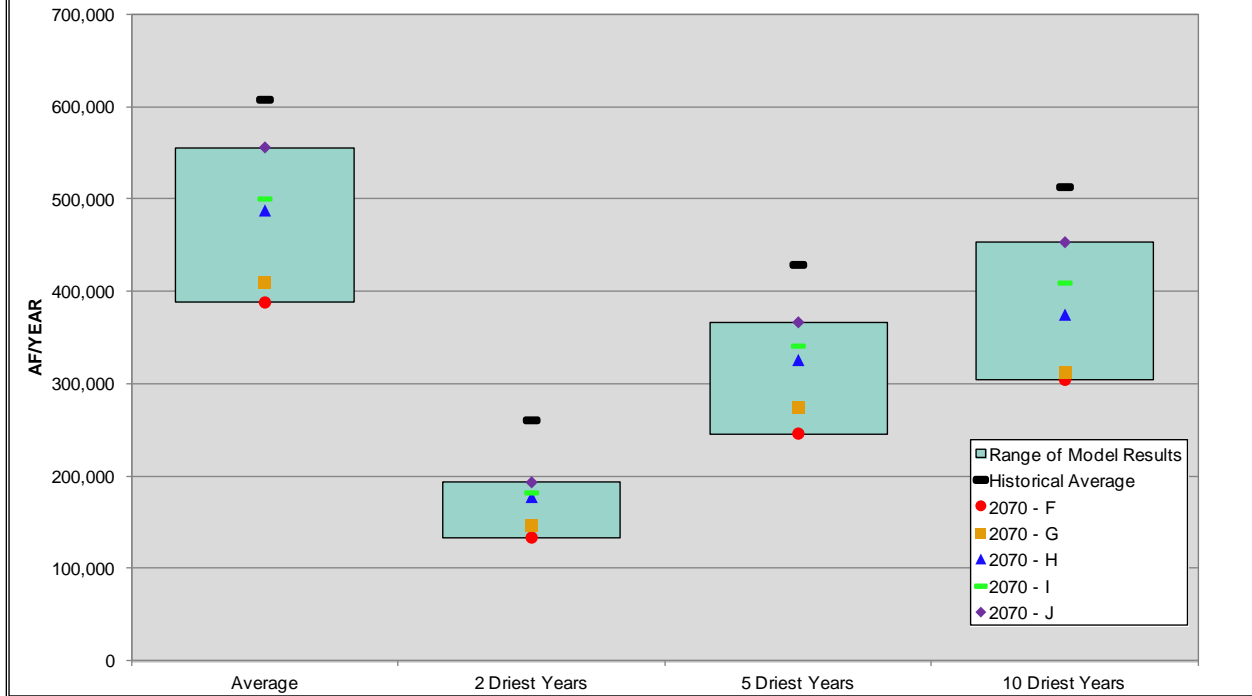
**Figure F149. Los Pinos River at La Boca (09354500)
2070 Water Available to Meet Future Demands**



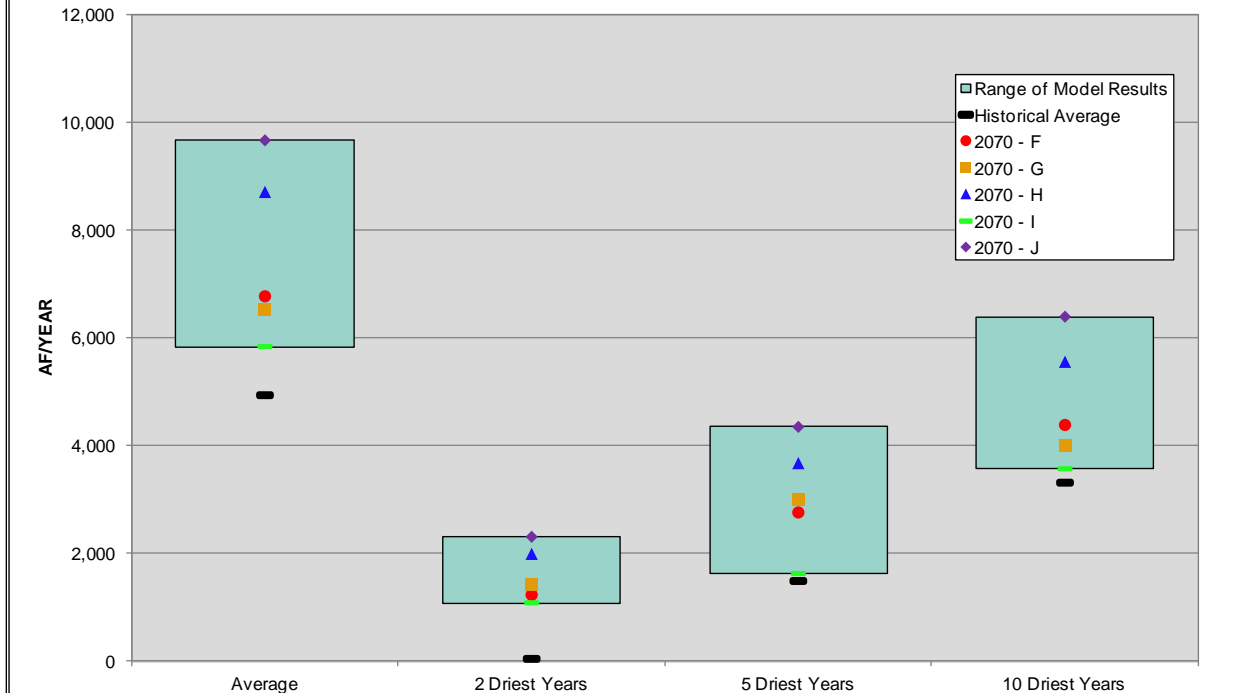
**Figure F150. Florida River at Bondad (09363200)
2070 Water Available to Meet Future Demands**

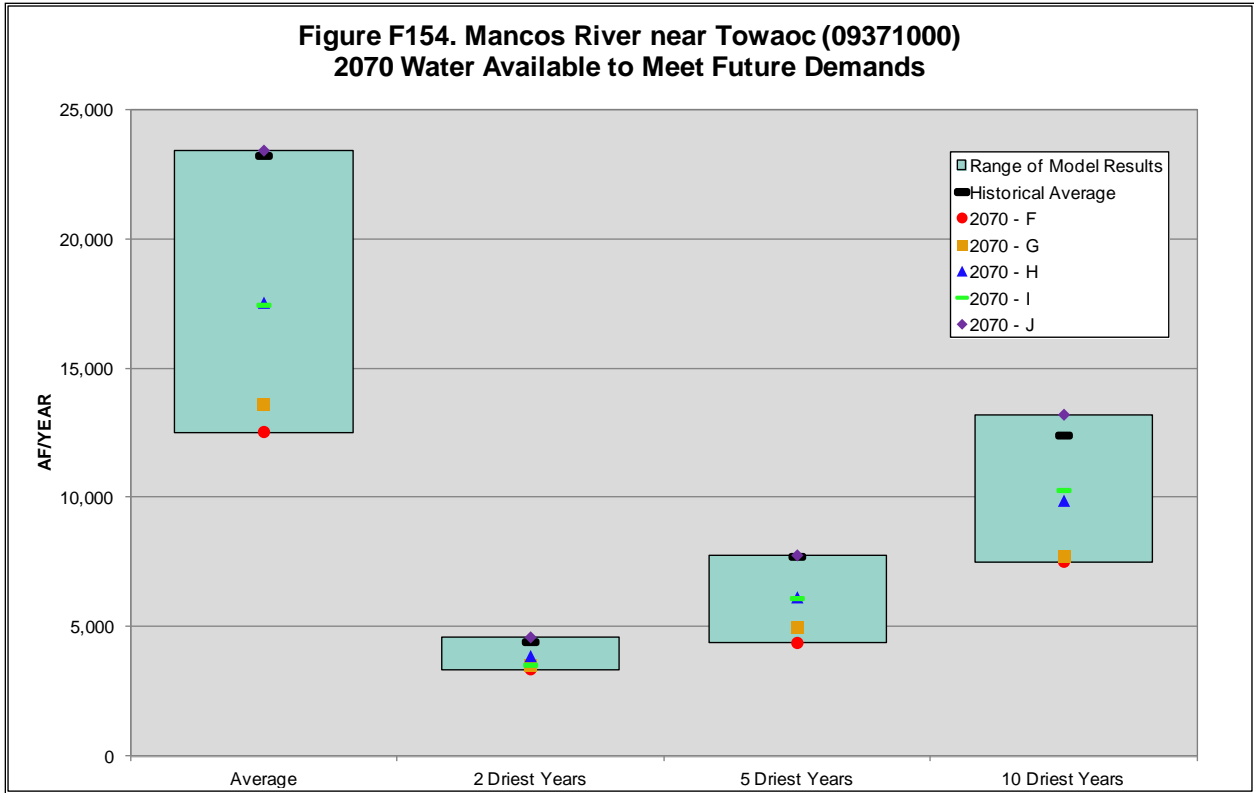
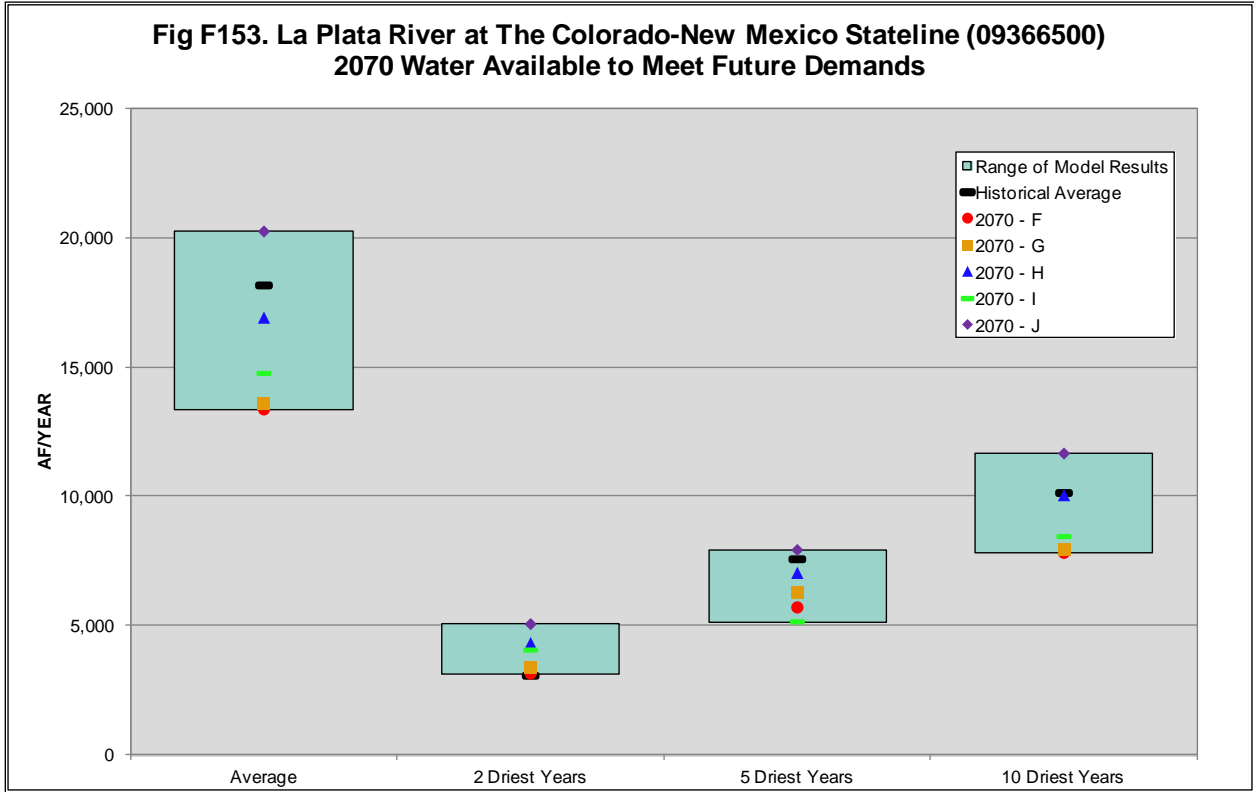


**Figure F151. Animas River near Cedar Hill, NM (09363500)
2070 Water Available to Meet Future Demands**

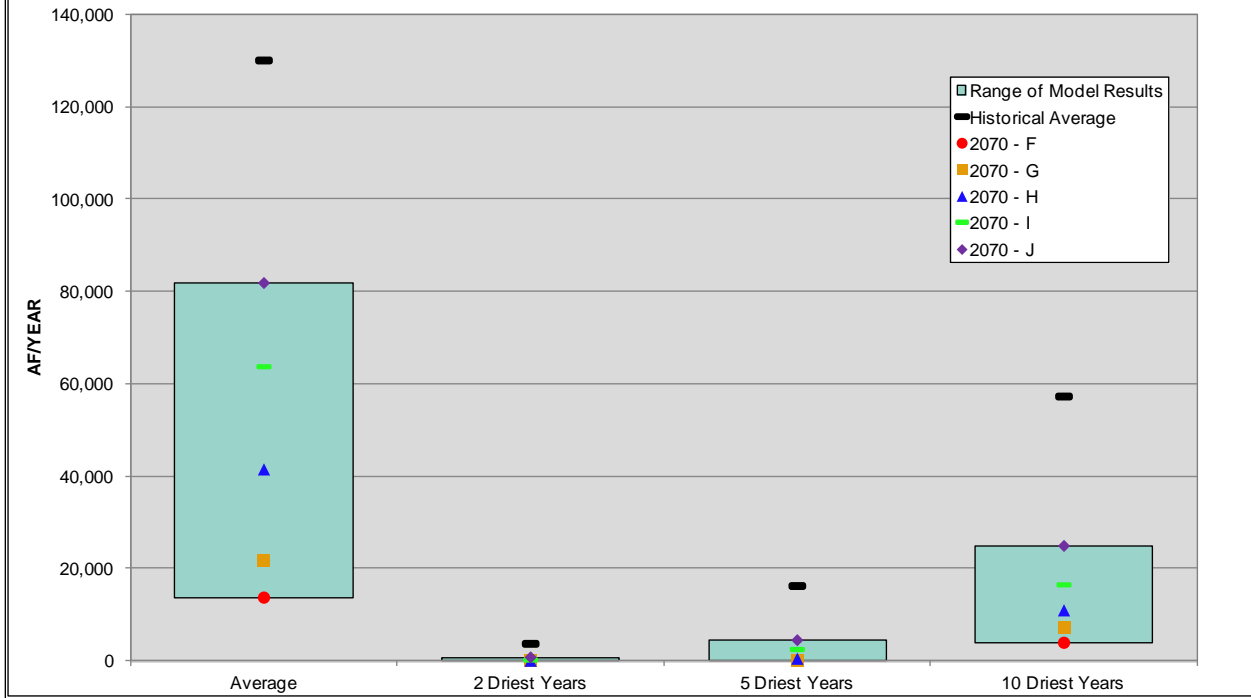


**Figure F152. La Plata River at Hesperus (09365500)
2070 Water Available to Meet Future Demands**

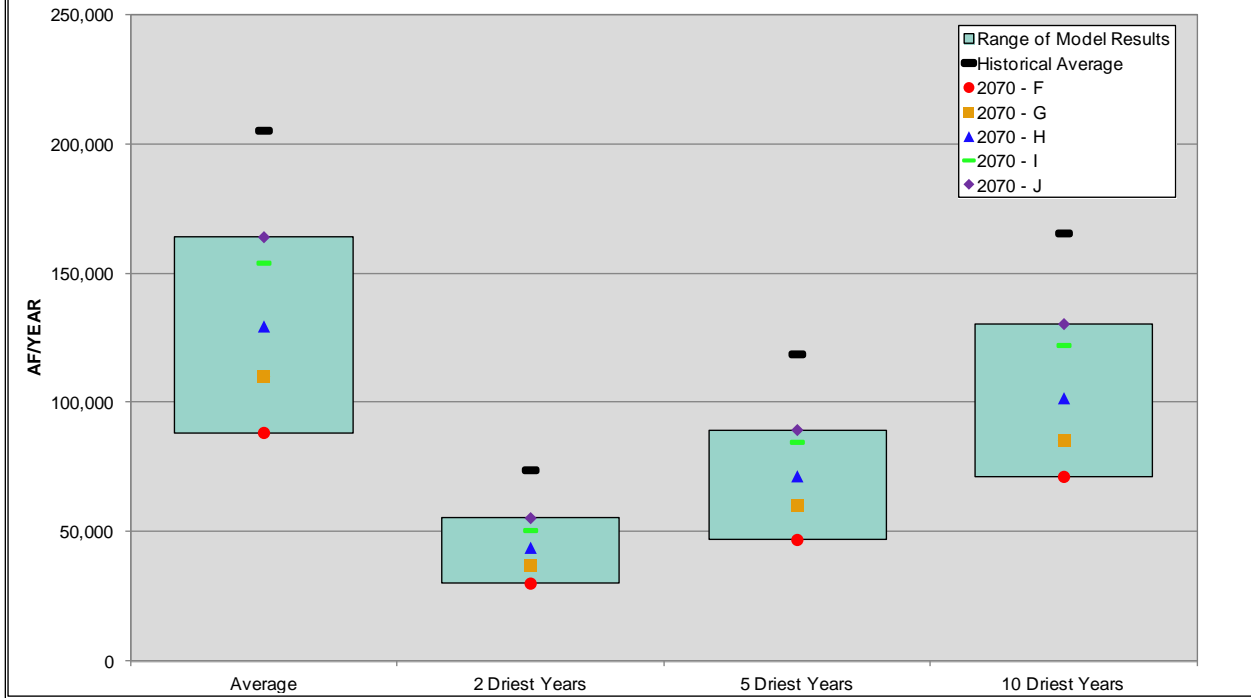




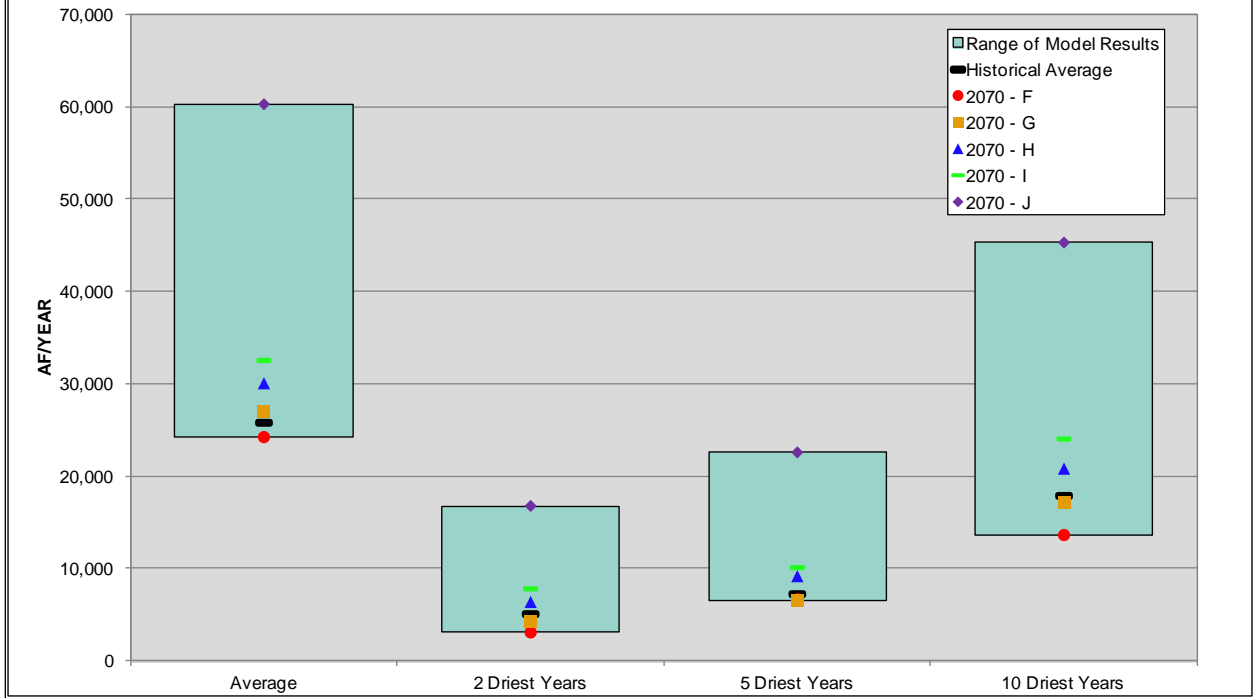
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2070 Water Available to Meet Future Demands**



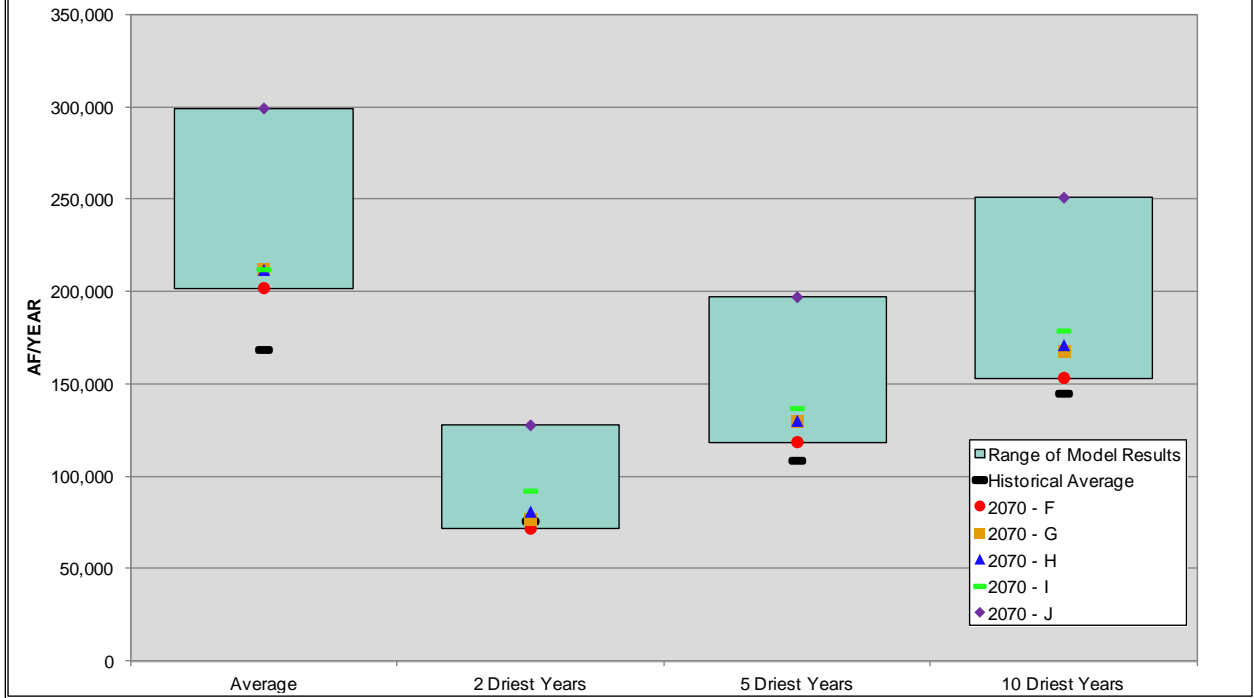
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2070 Water Available to Meet Future Demands**



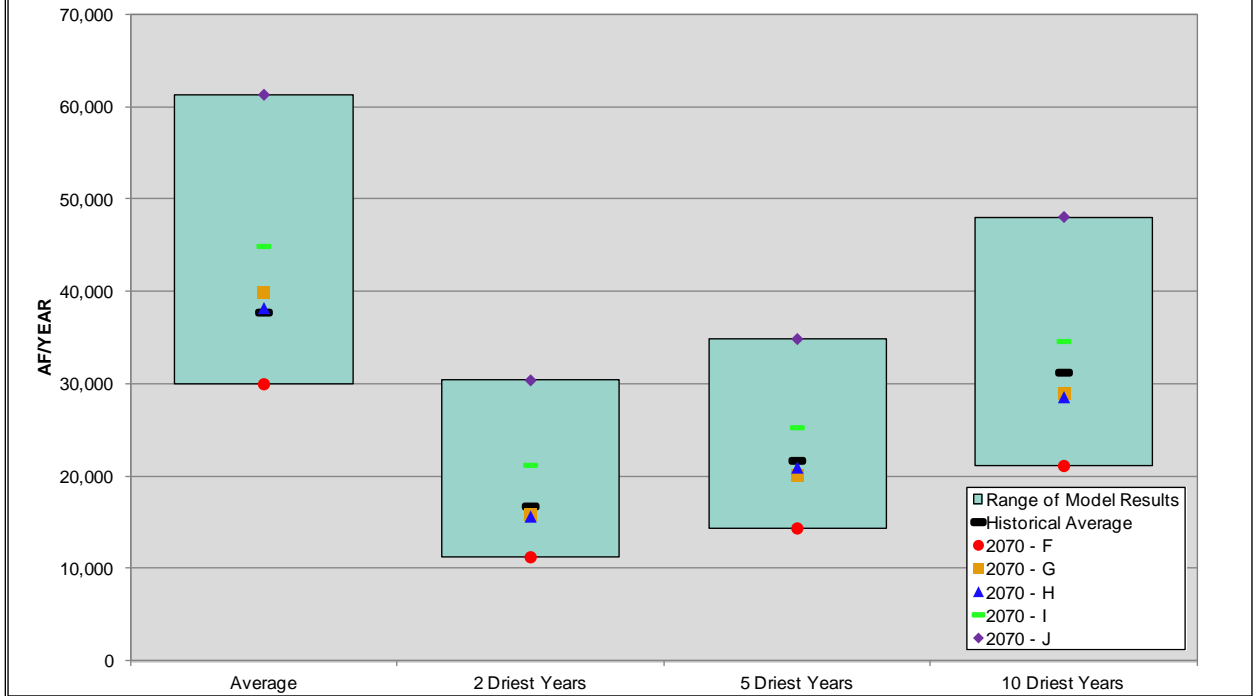
**Figure F157. Yampa River below Stagecoach Reservoir (09237500)
2070 Water Available to Meet Future Demands**



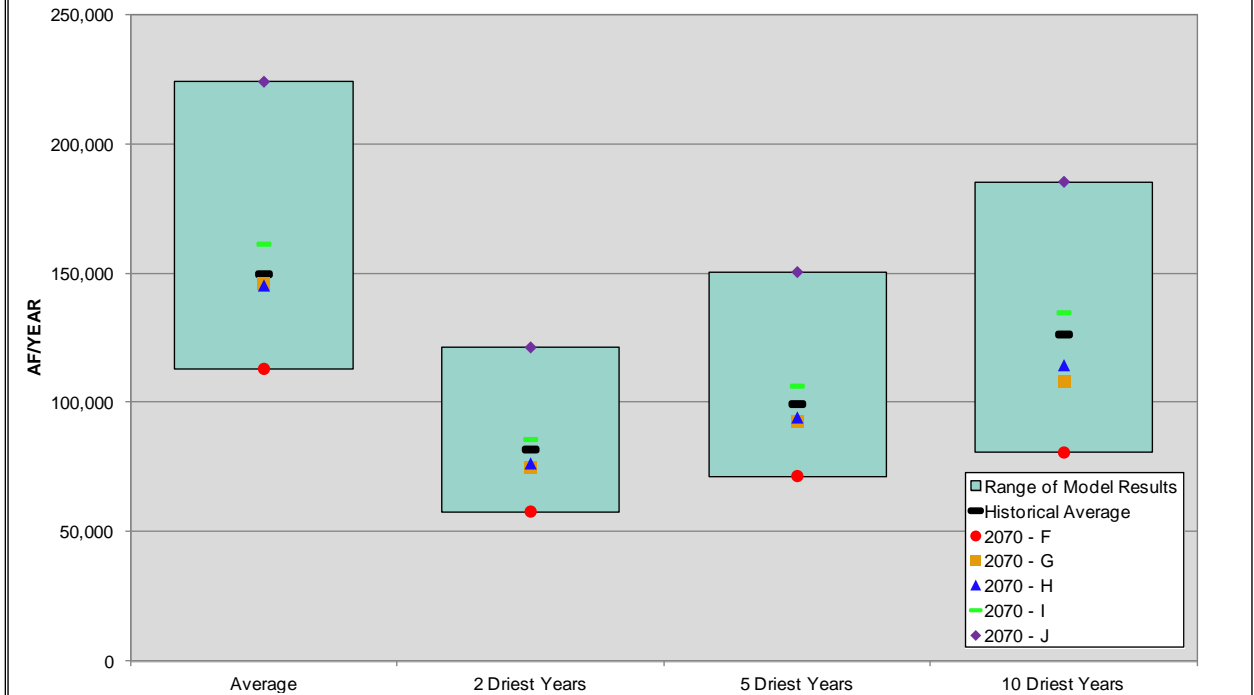
**Figure F158. Elk River at Clark (09241000)
2070 Water Available to Meet Future Demands**



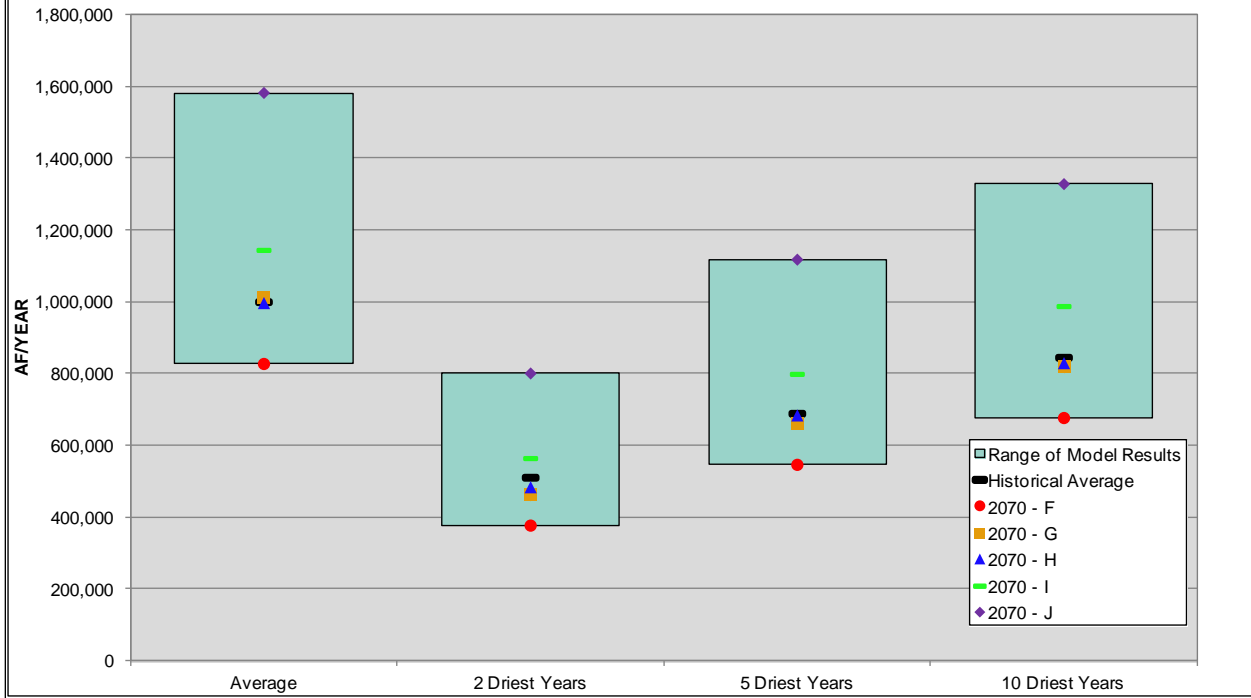
**Figure F159. Elkhead Creek near Elkhead (09245000)
2070 Water Available to Meet Future Demands**



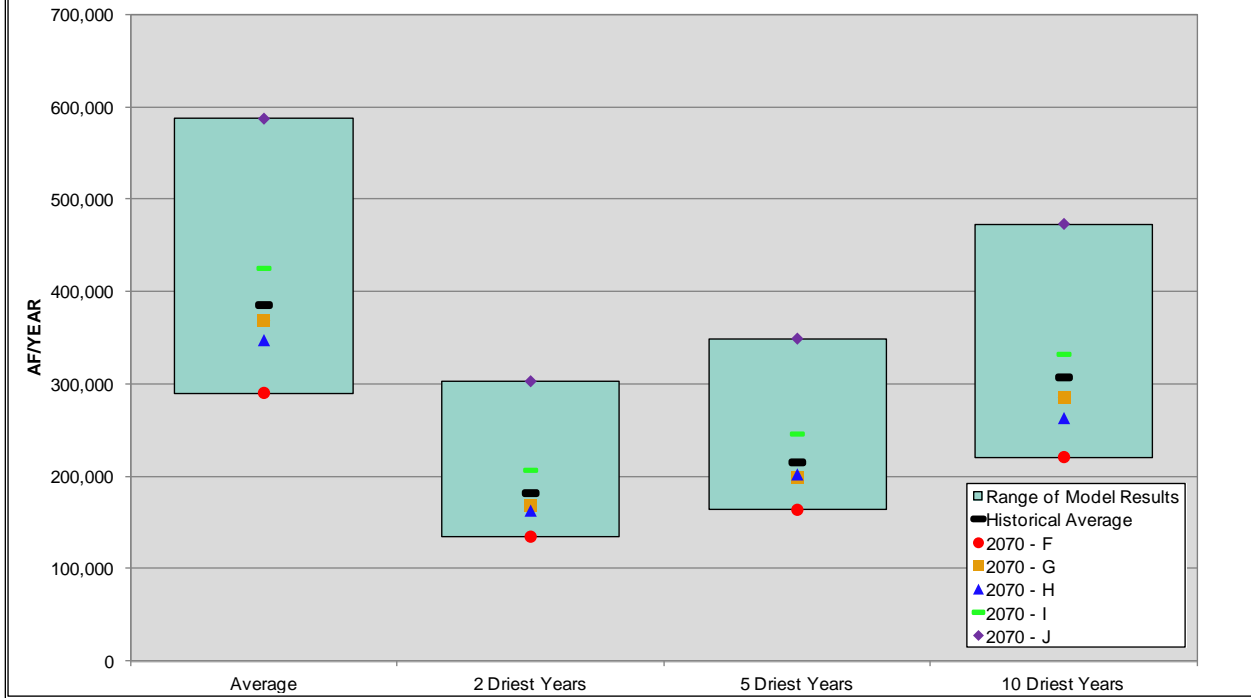
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2070 Water Available to Meet Future Demands**



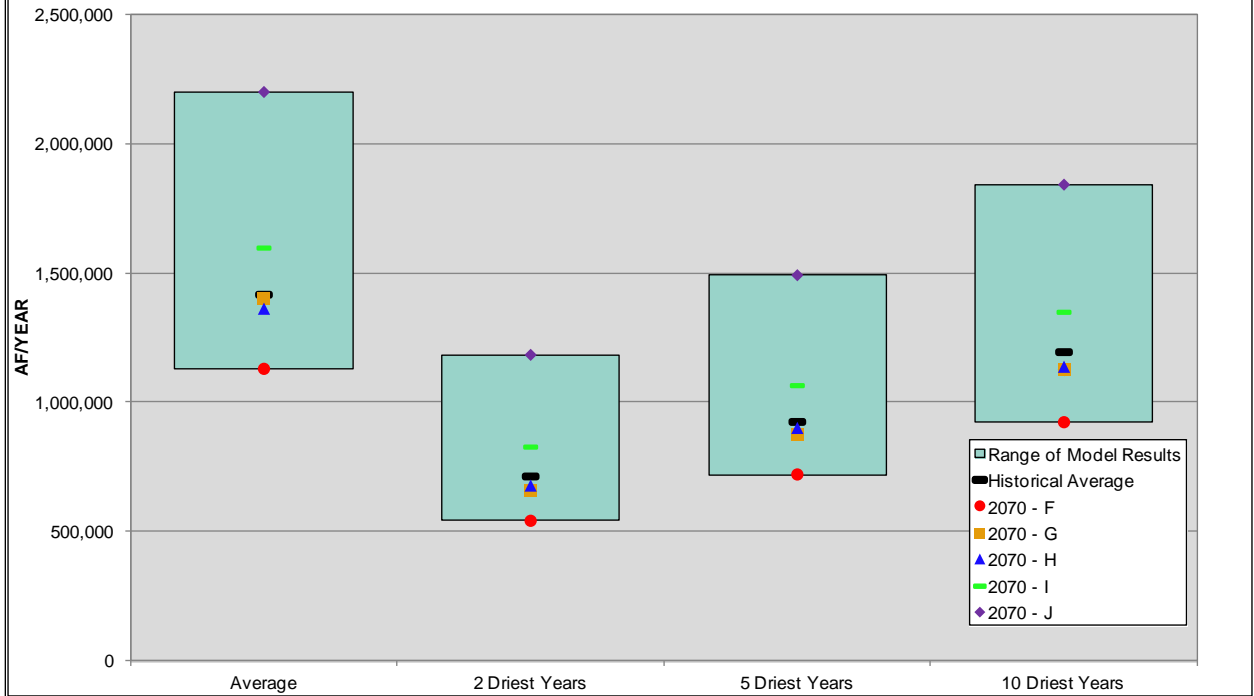
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2070 Water Available to Meet Future Demands**



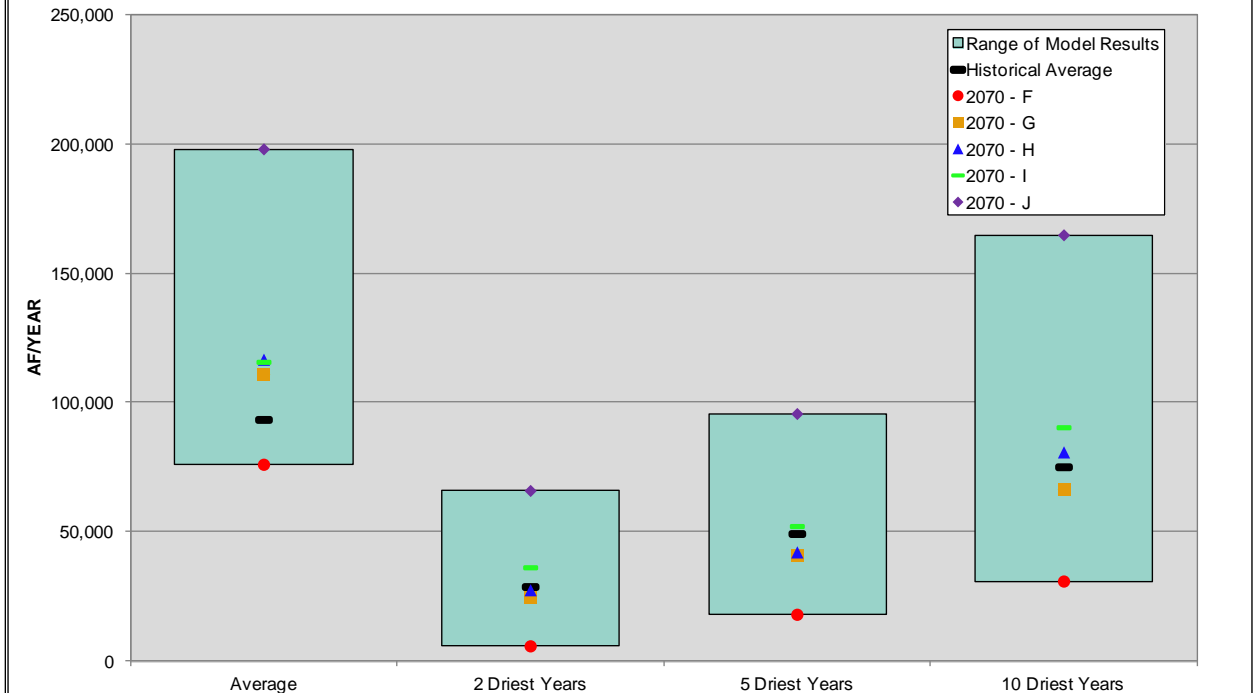
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2070 Water Available to Meet Future Demands**



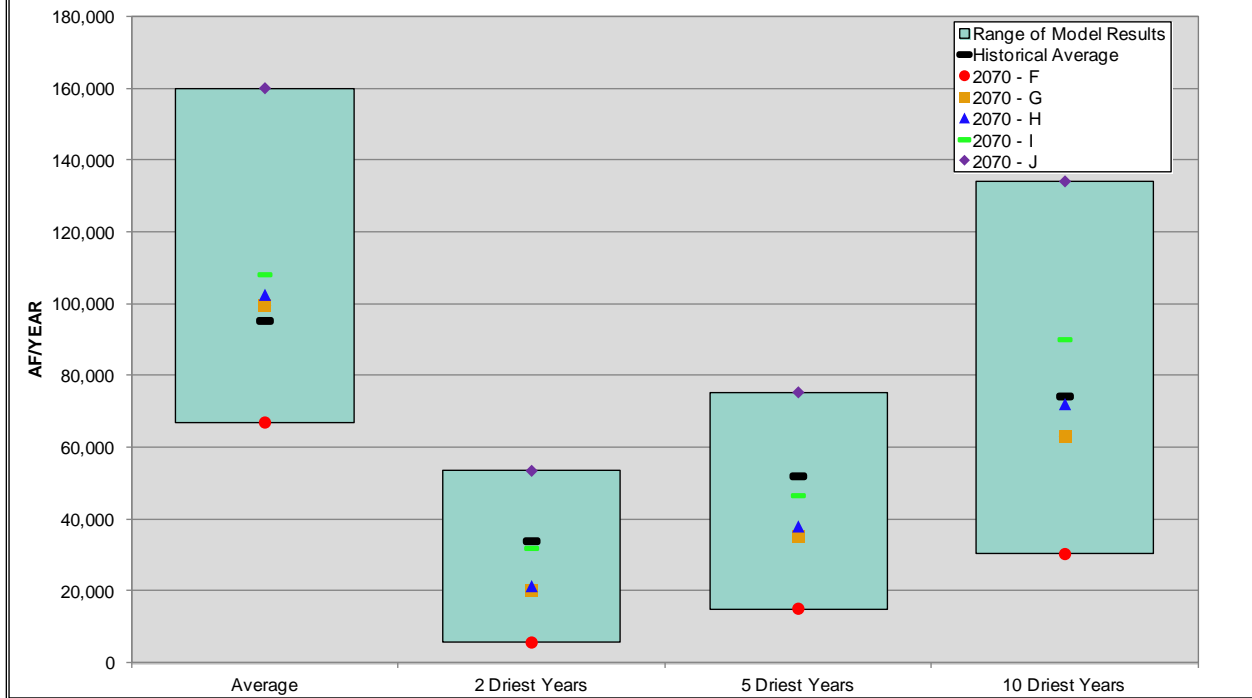
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2070 Water Available to Meet Future Demands**



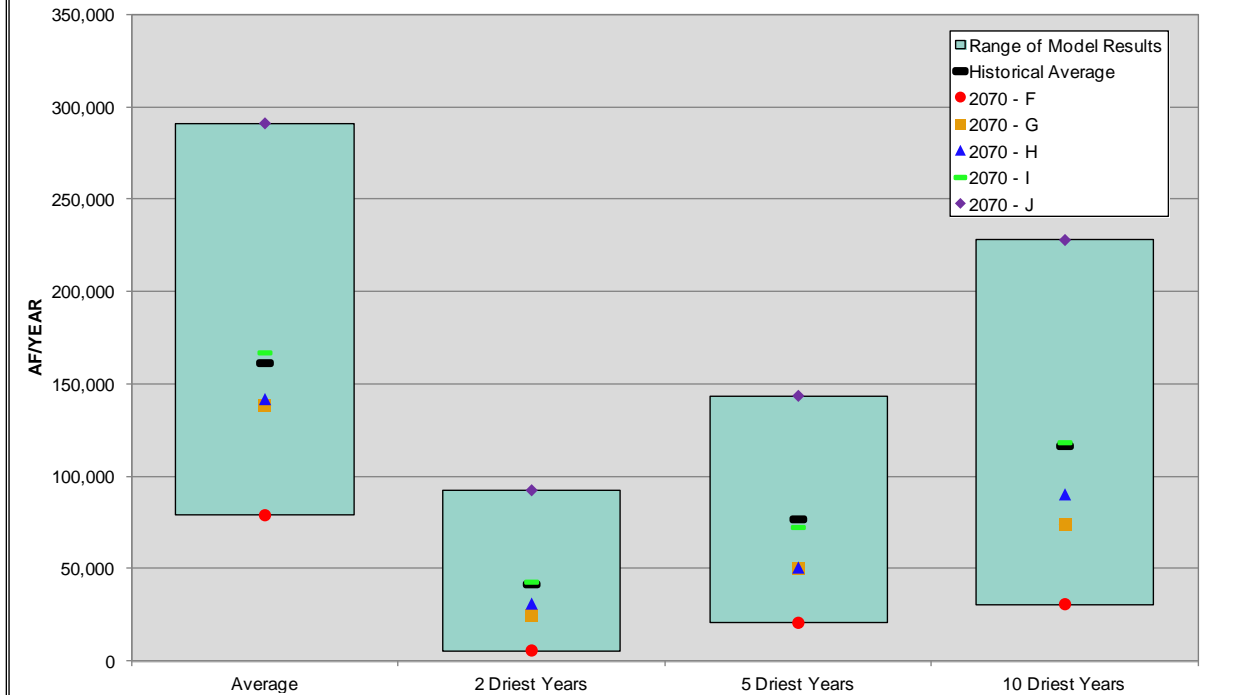
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2070 Water Available to Meet Future Demands**



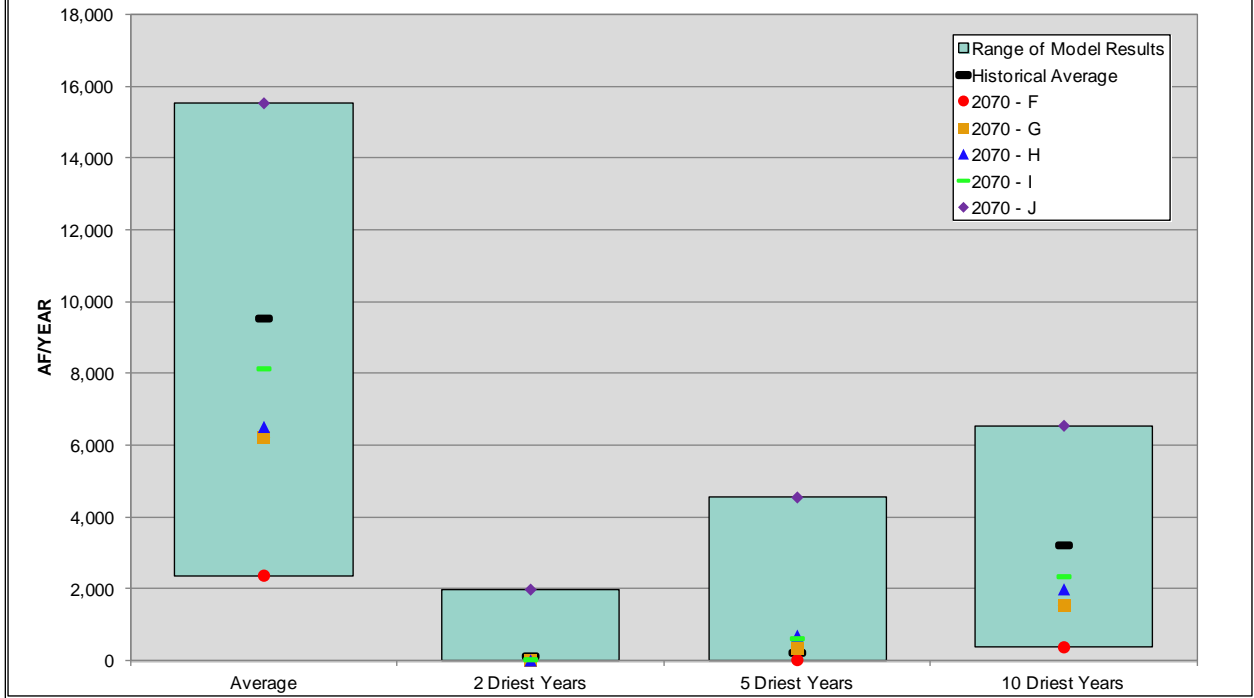
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2070 Water Available to Meet Future Demands**



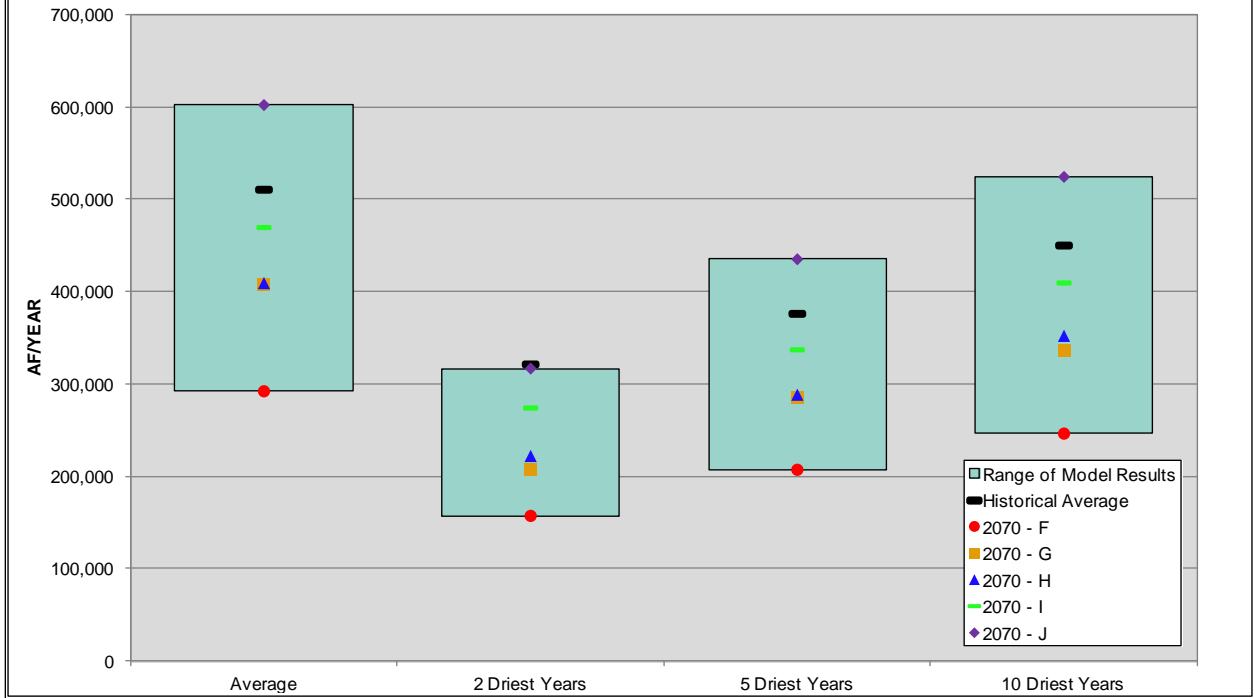
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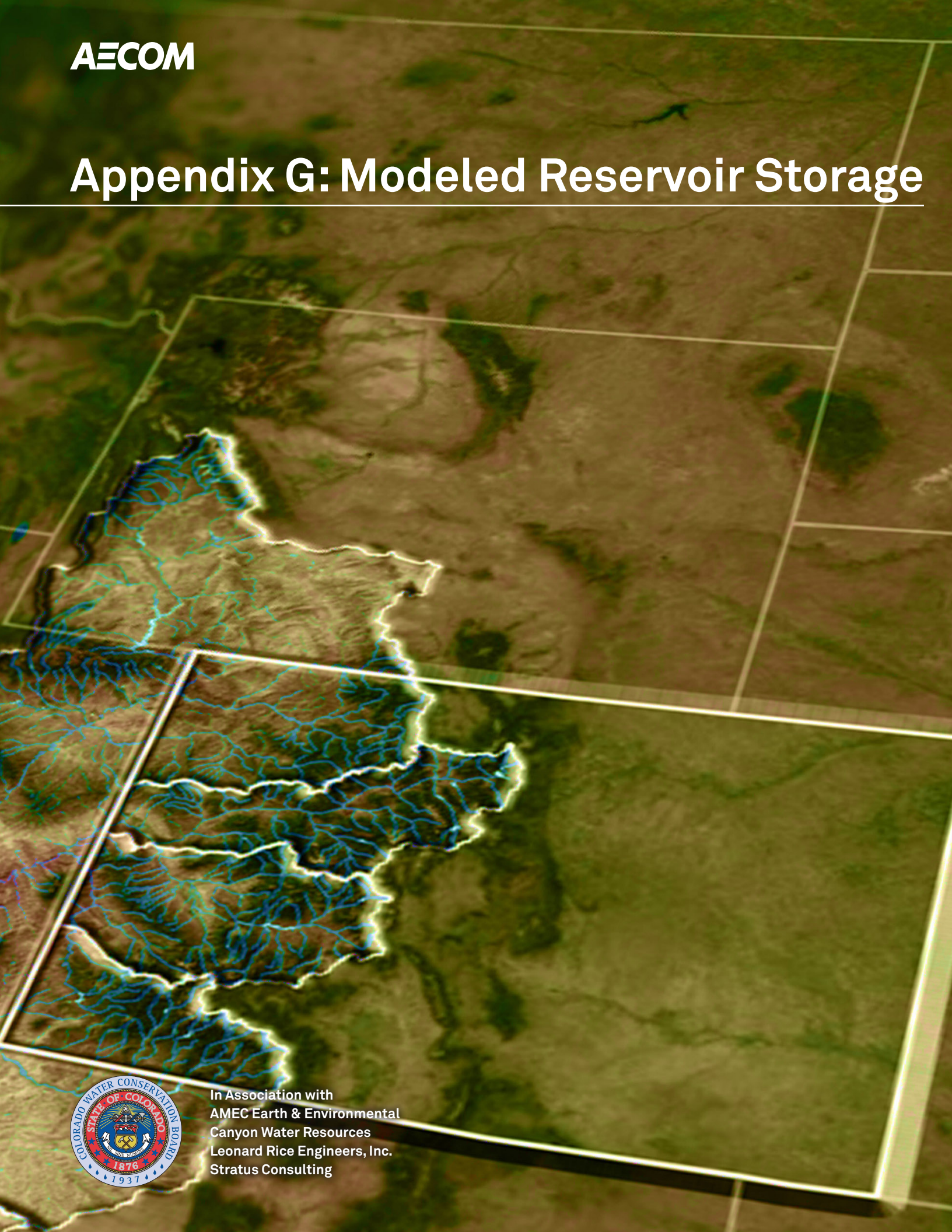
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2070 Water Available to Meet Future Demands**



**Figure F168. White River near Colorado State Line, UT (09306395)
2070 Water Available to Meet Future Demands**



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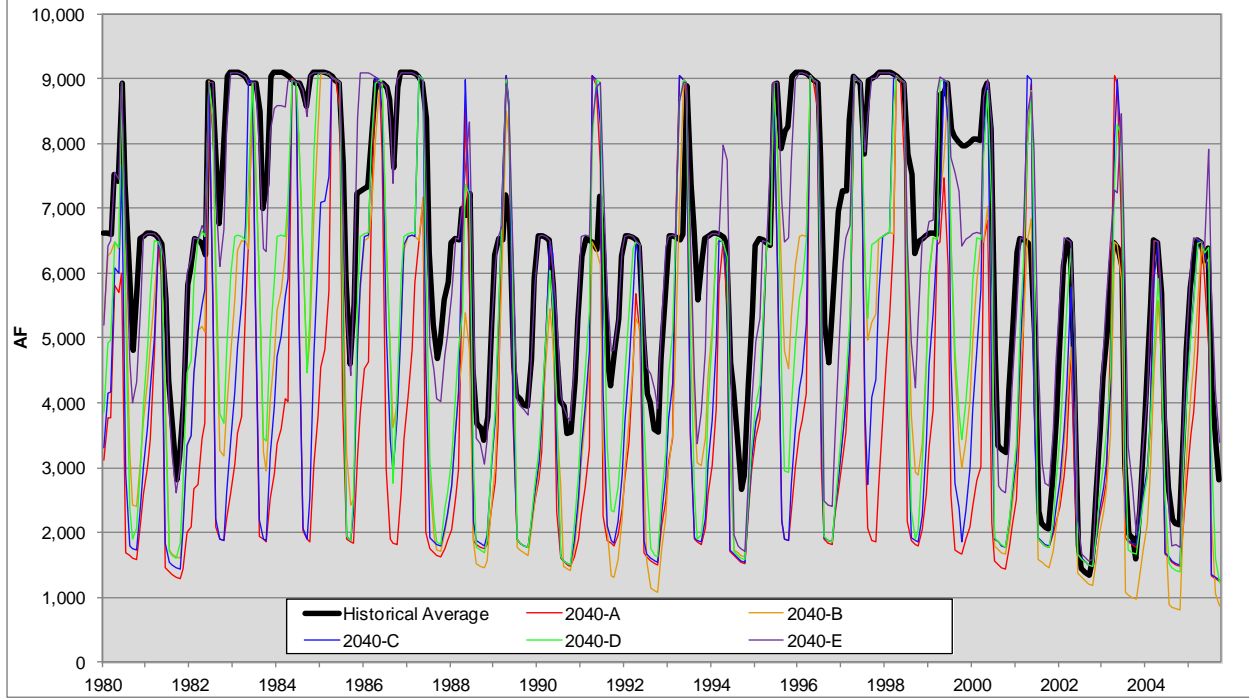
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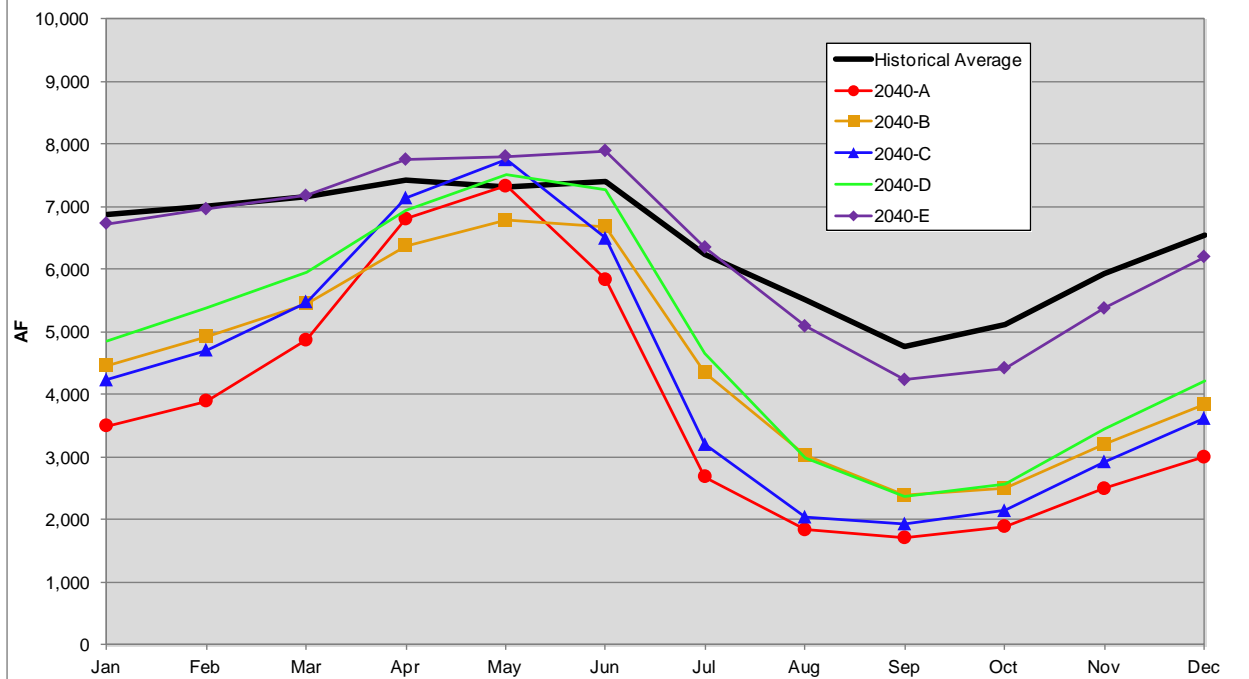
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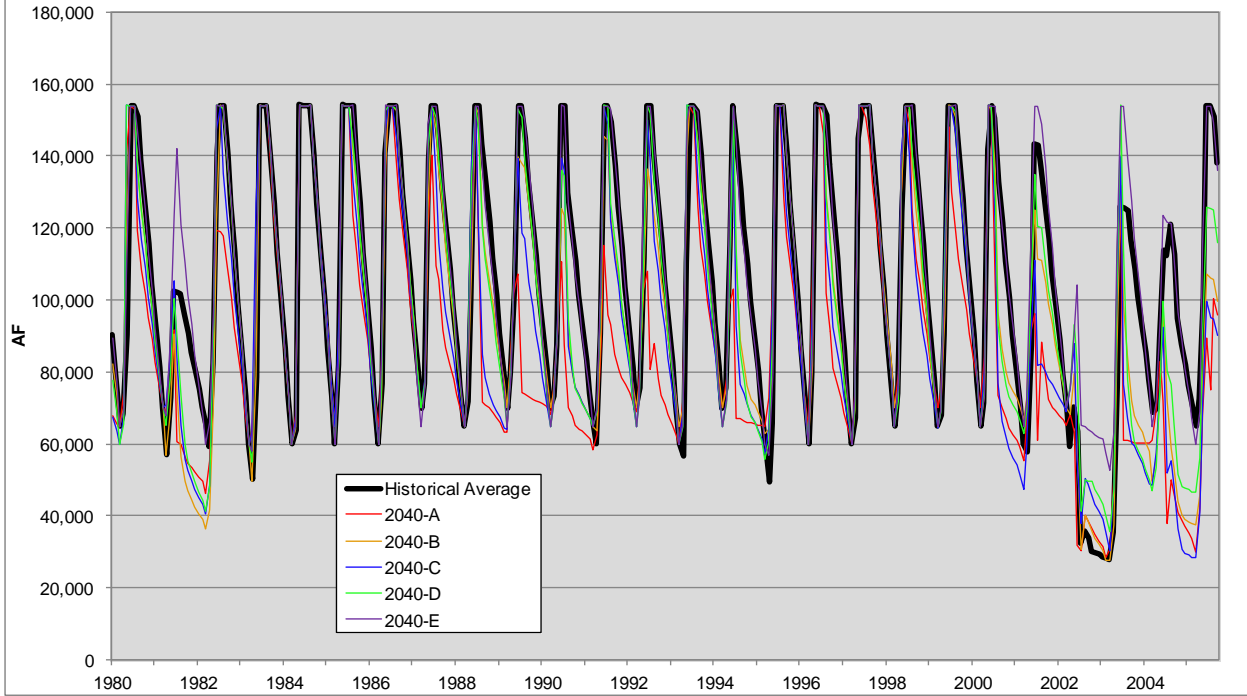
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2040 Modeled Storage Content**



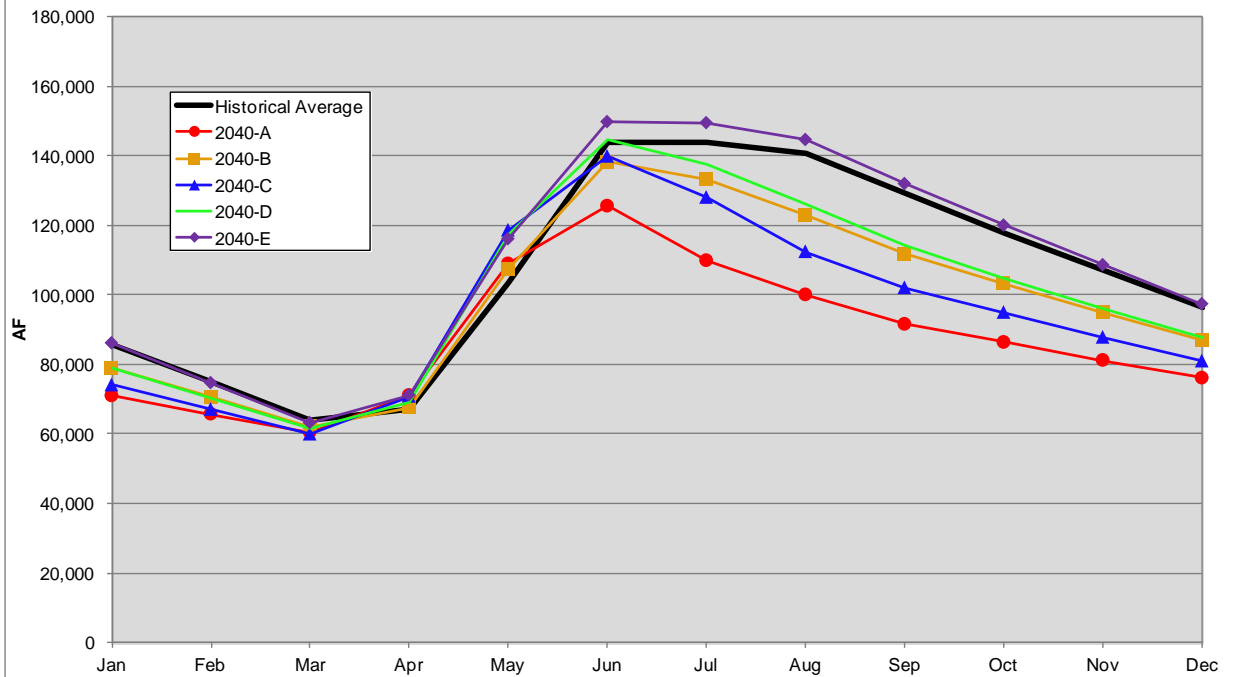
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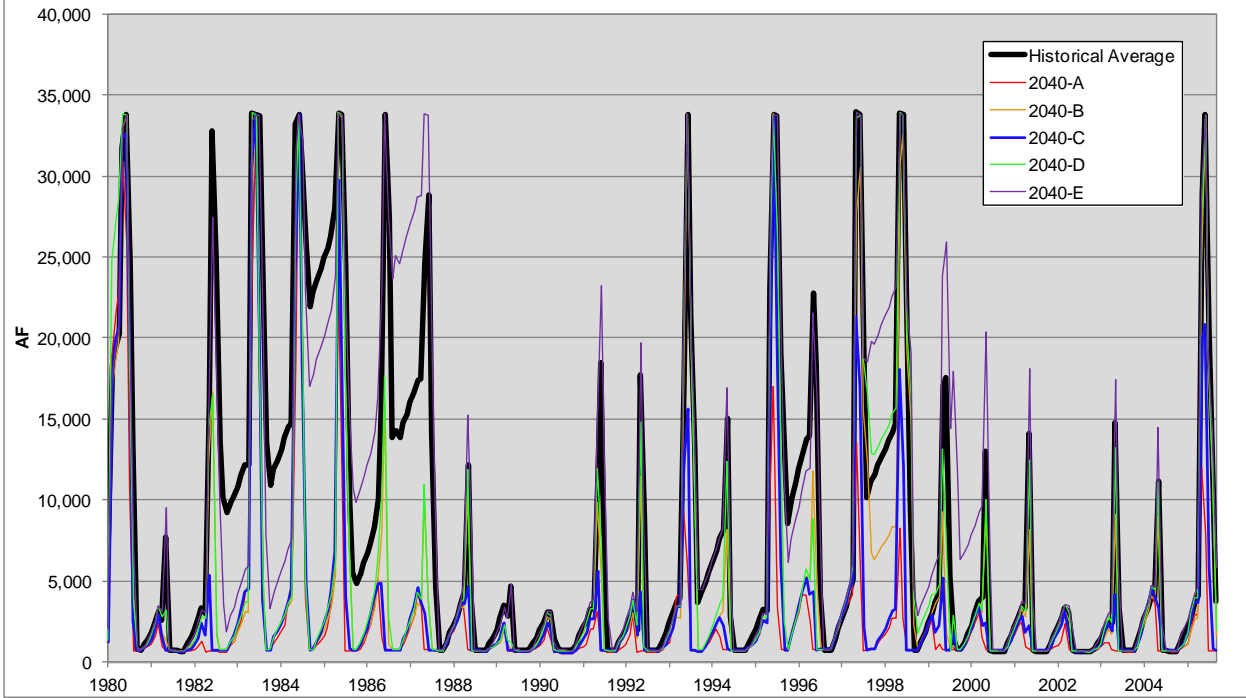
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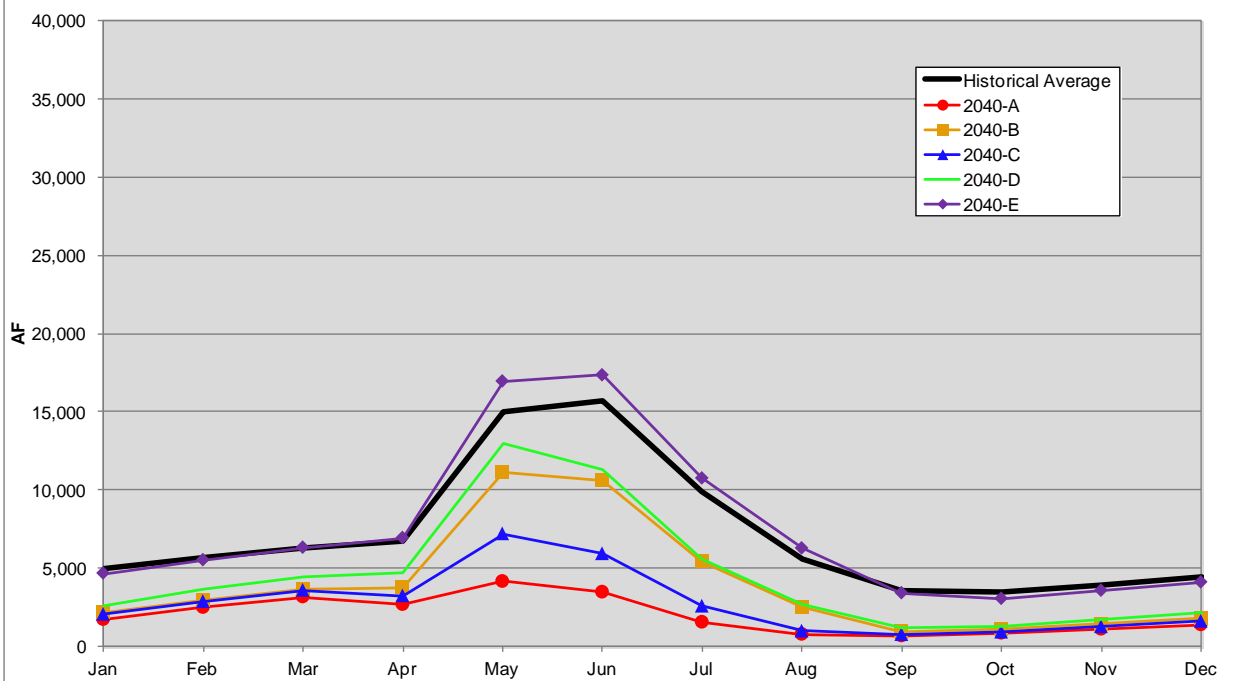
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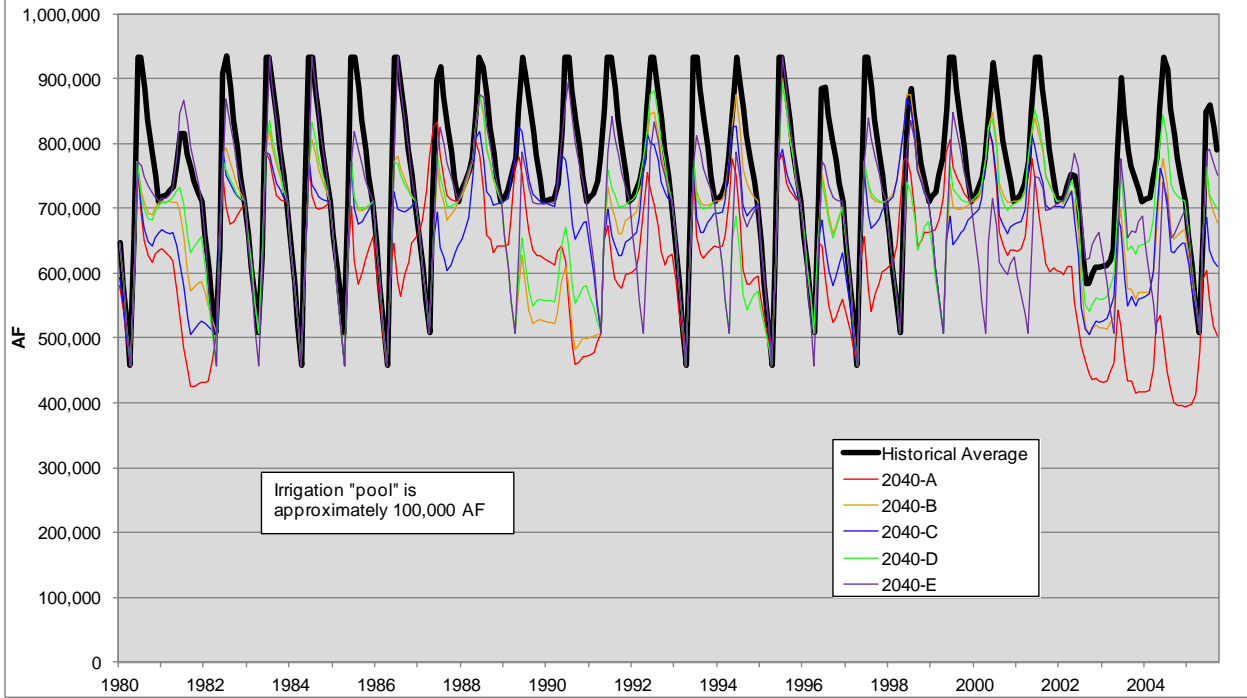
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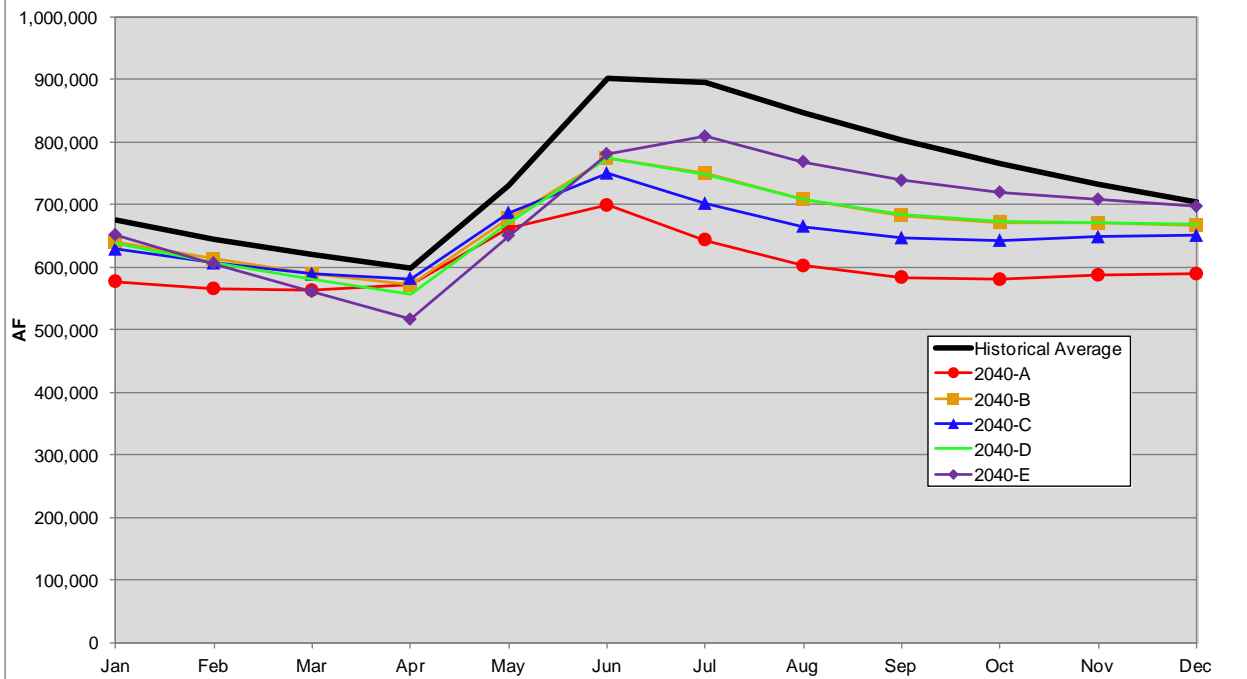
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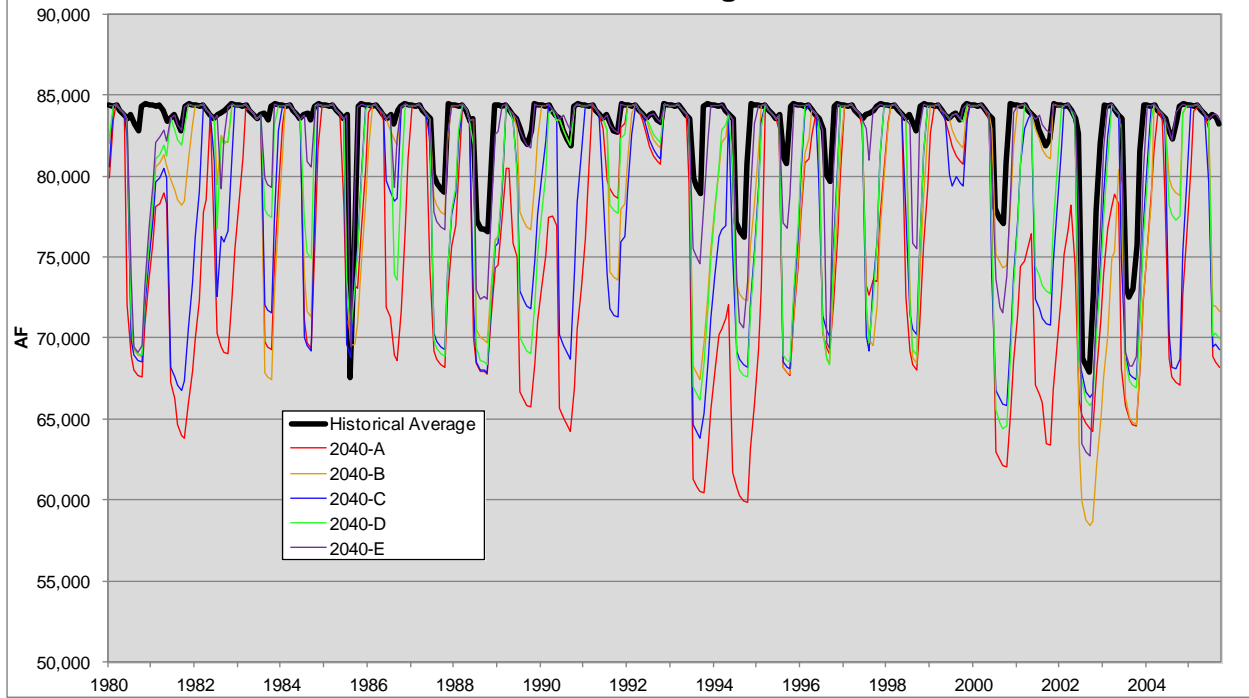
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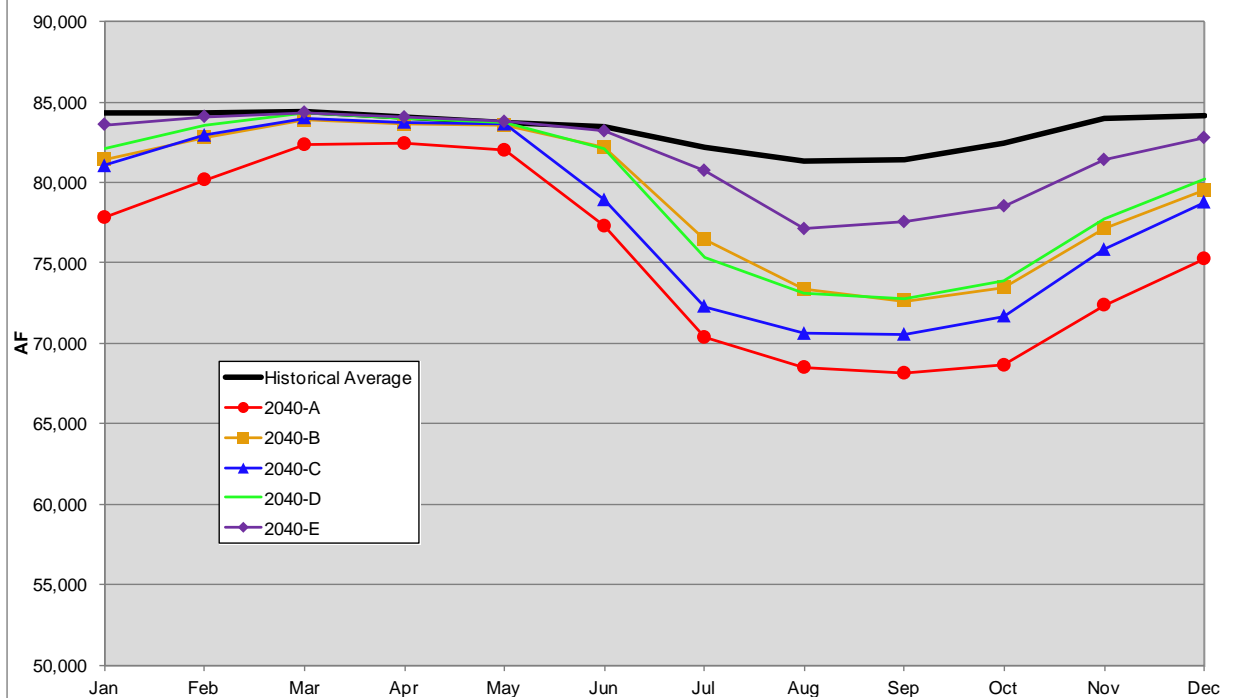
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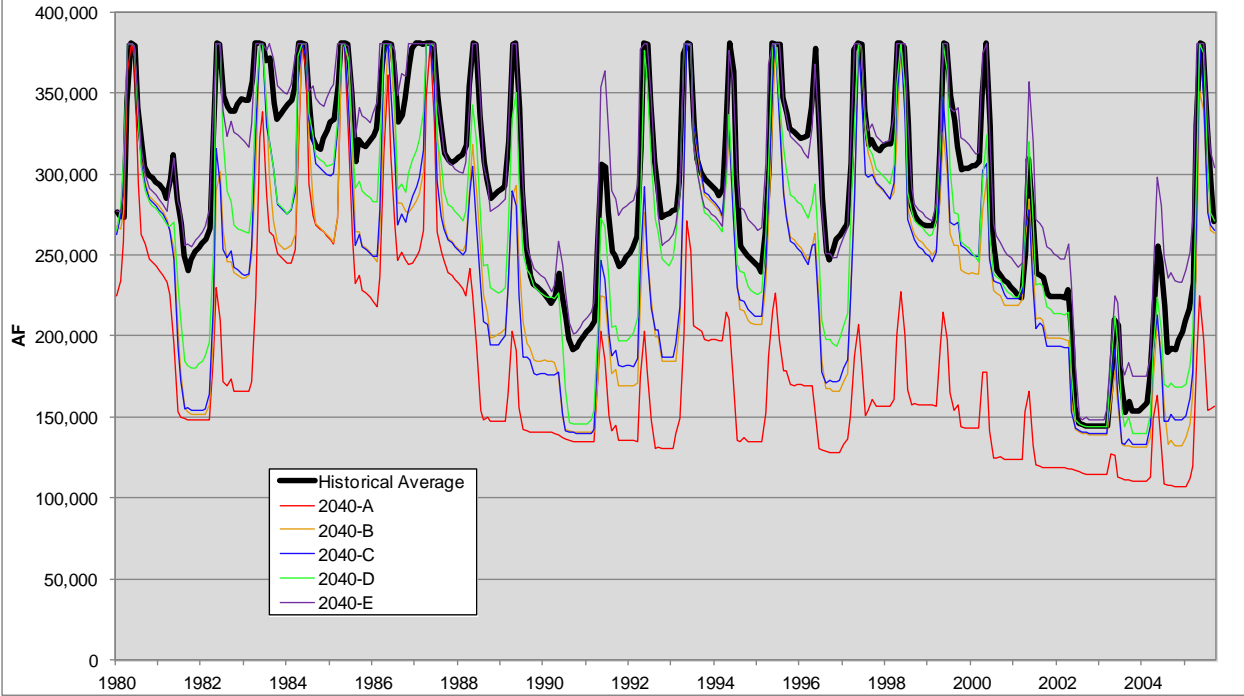
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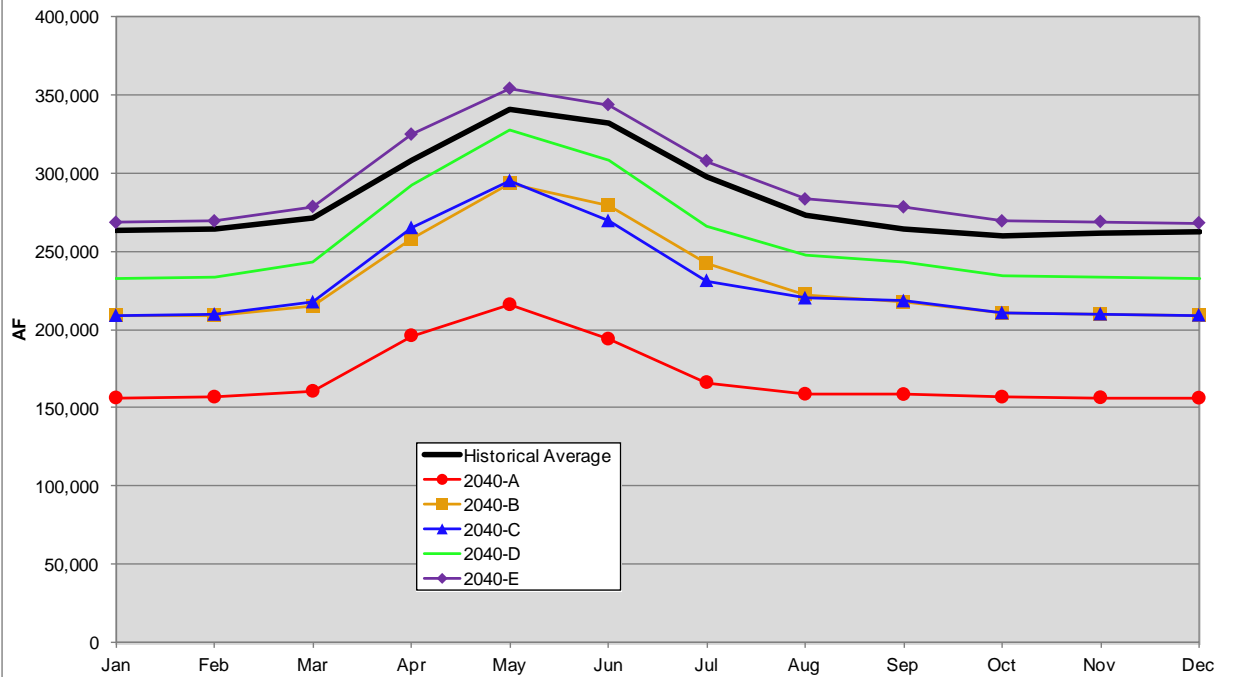
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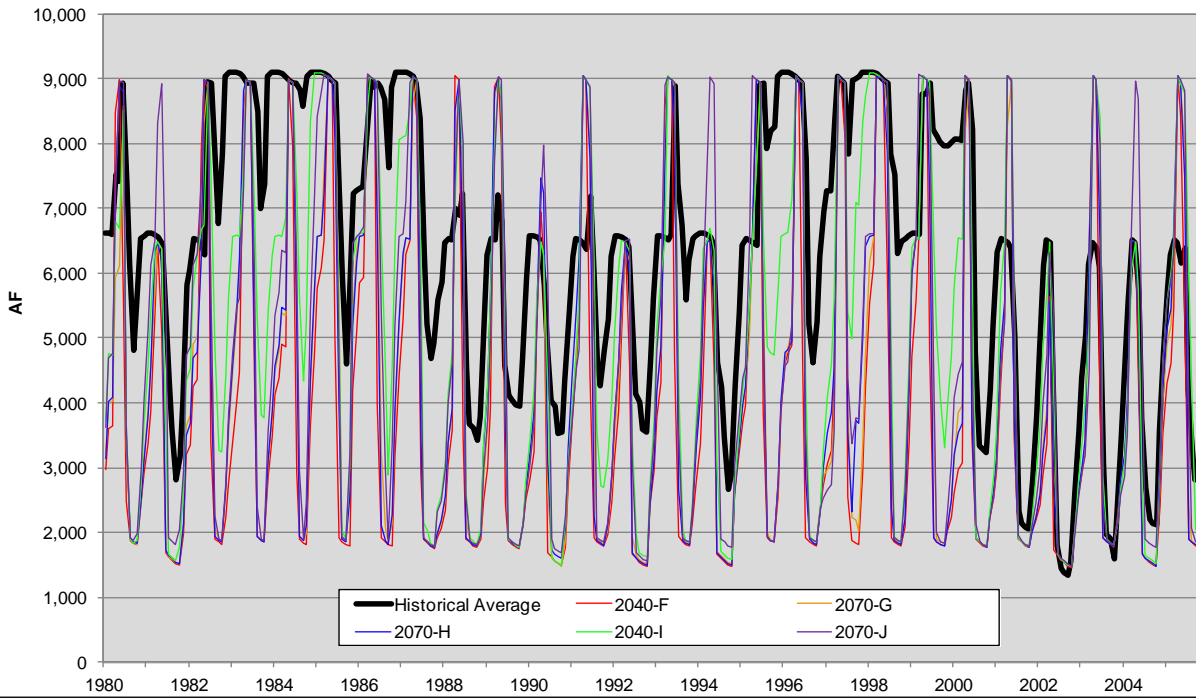
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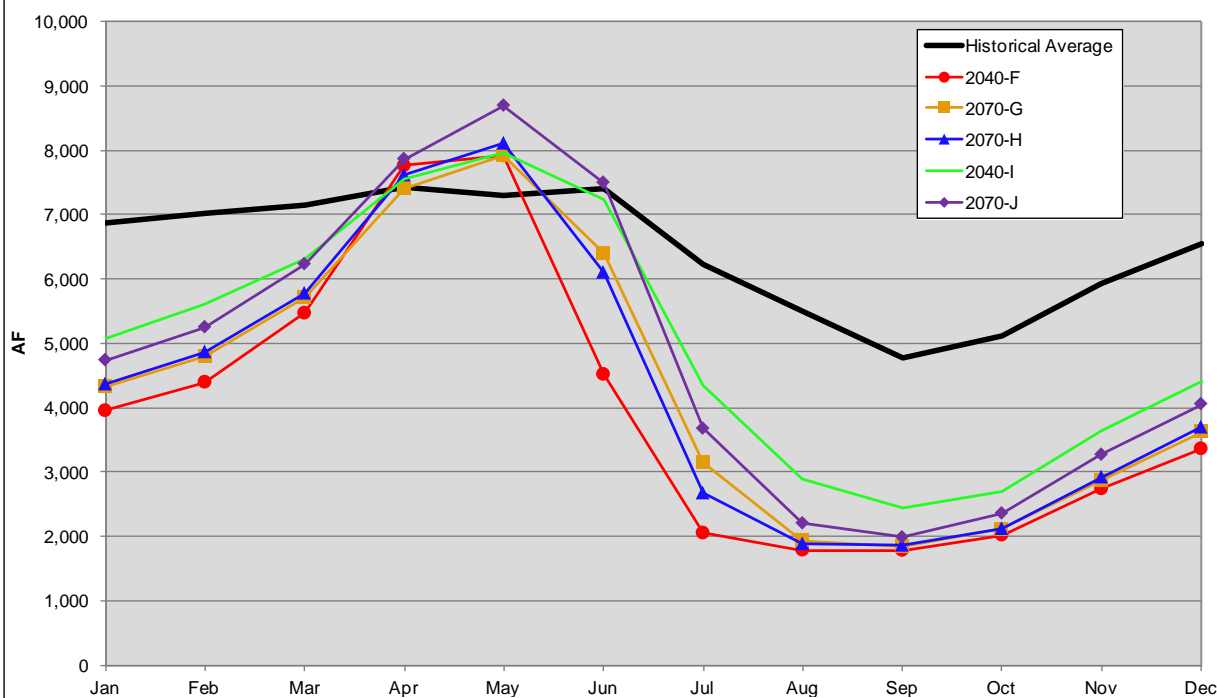
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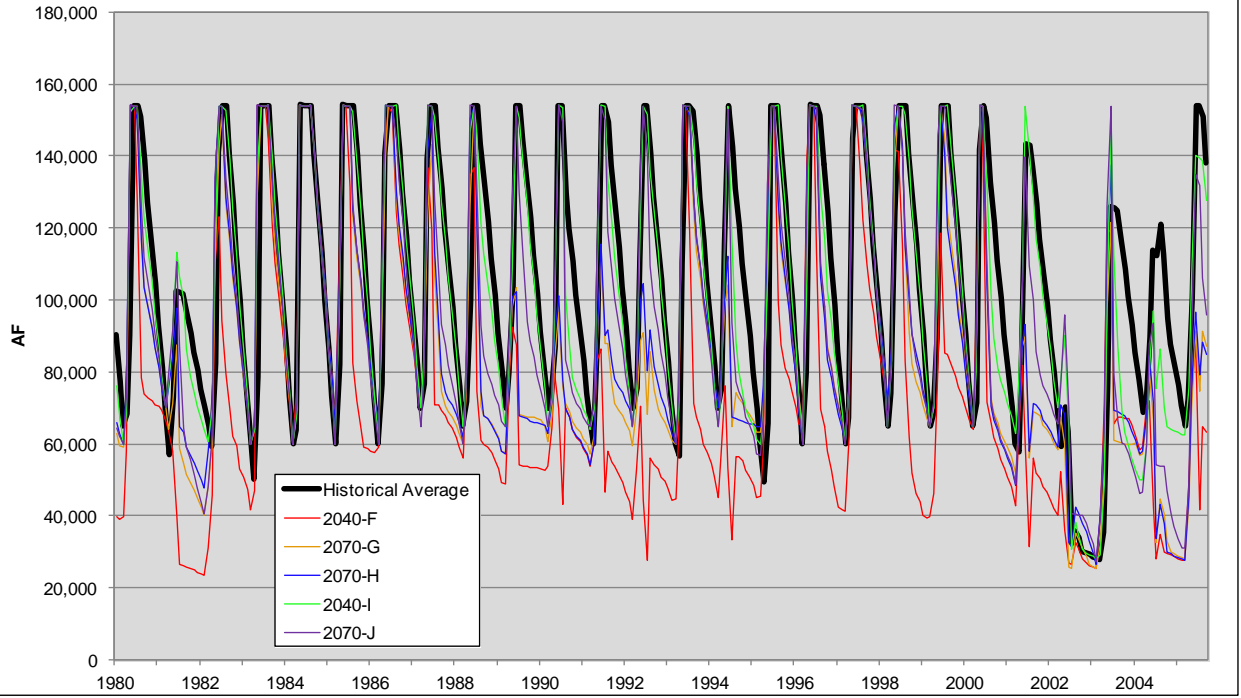
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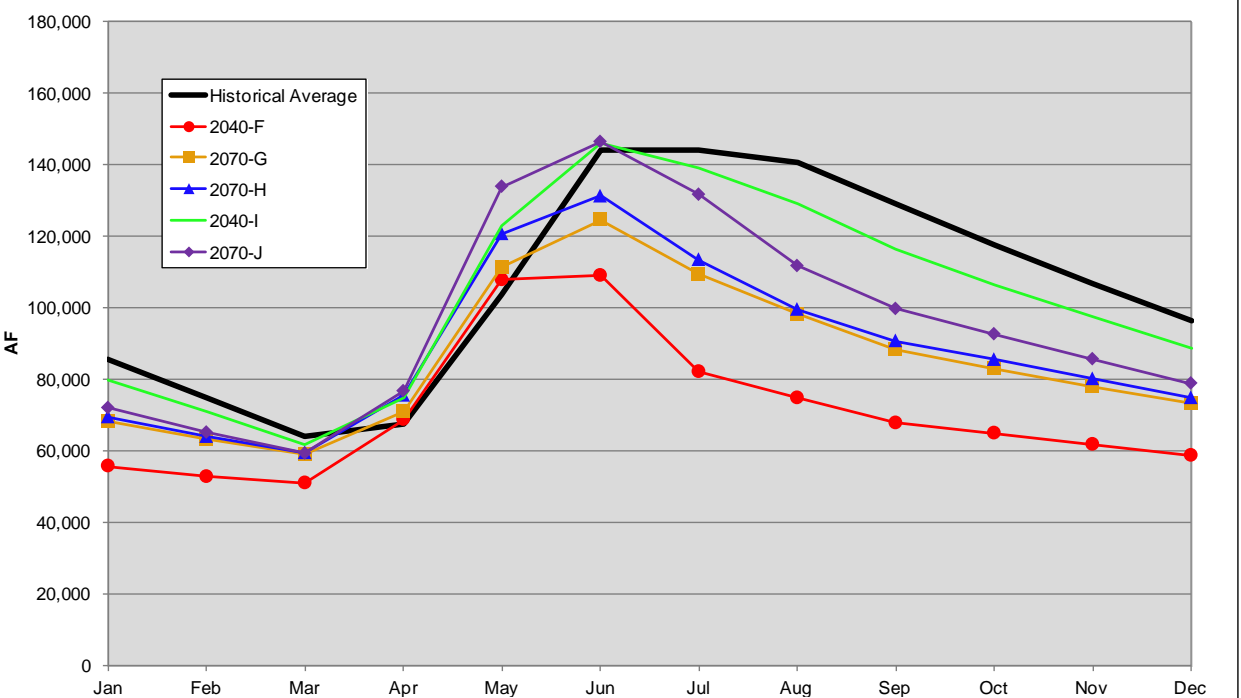
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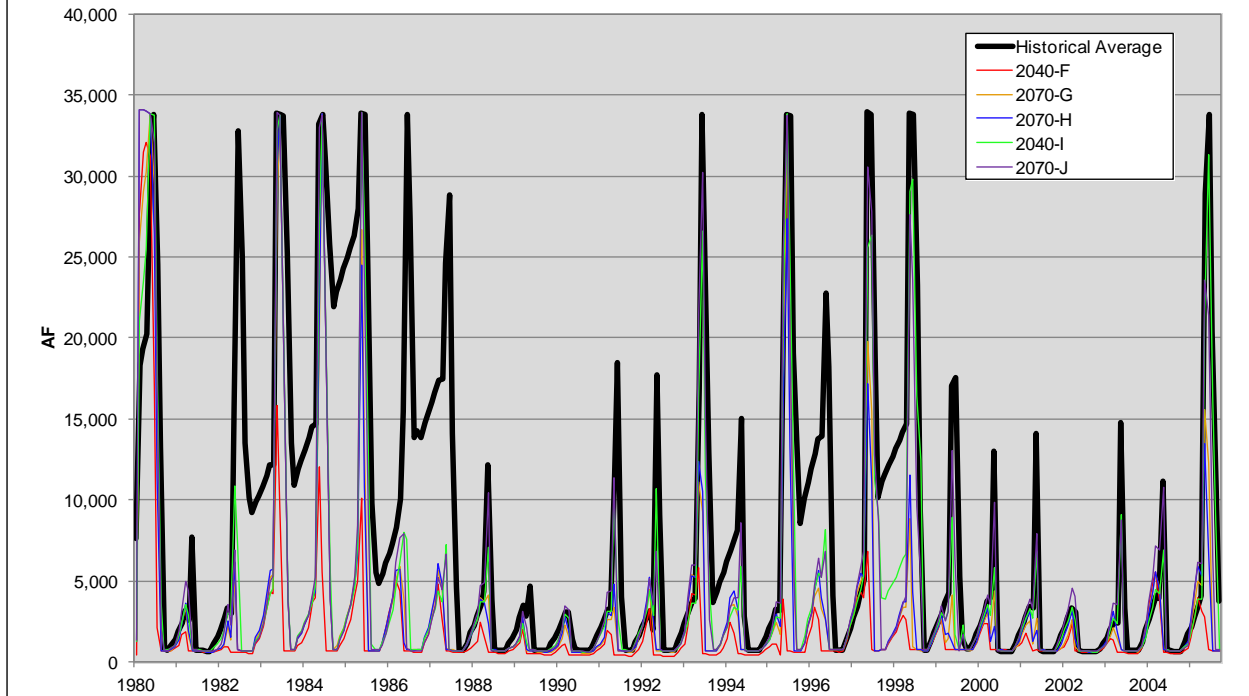
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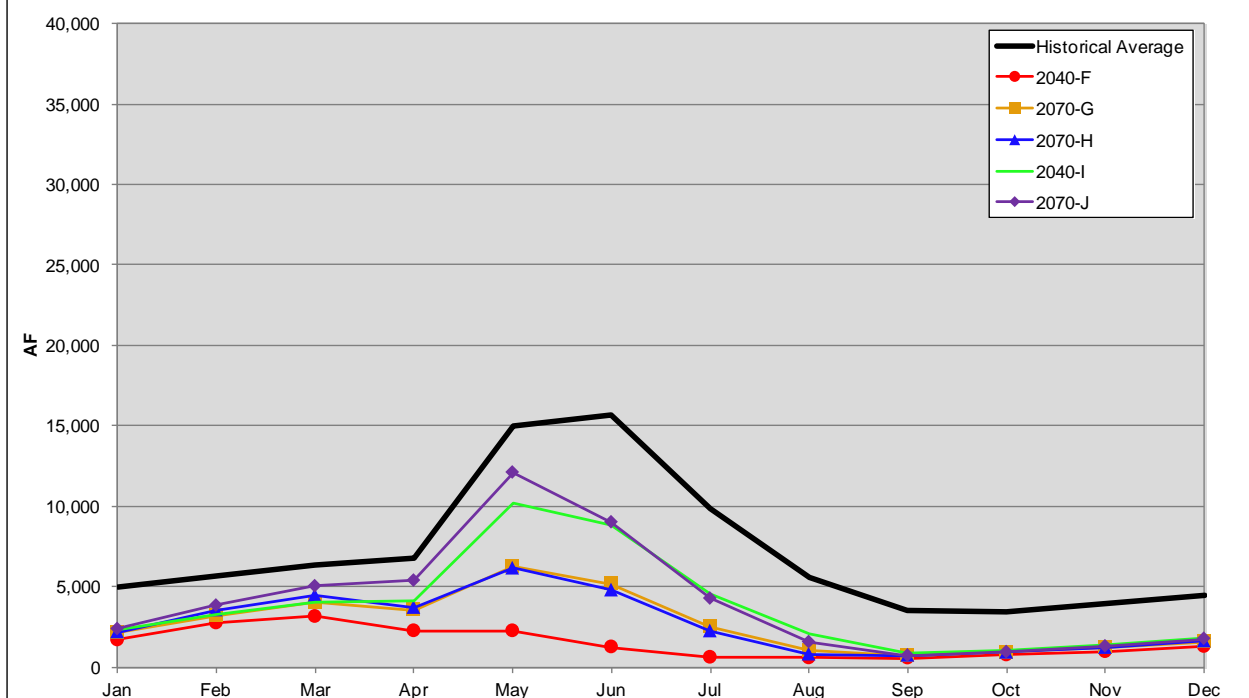
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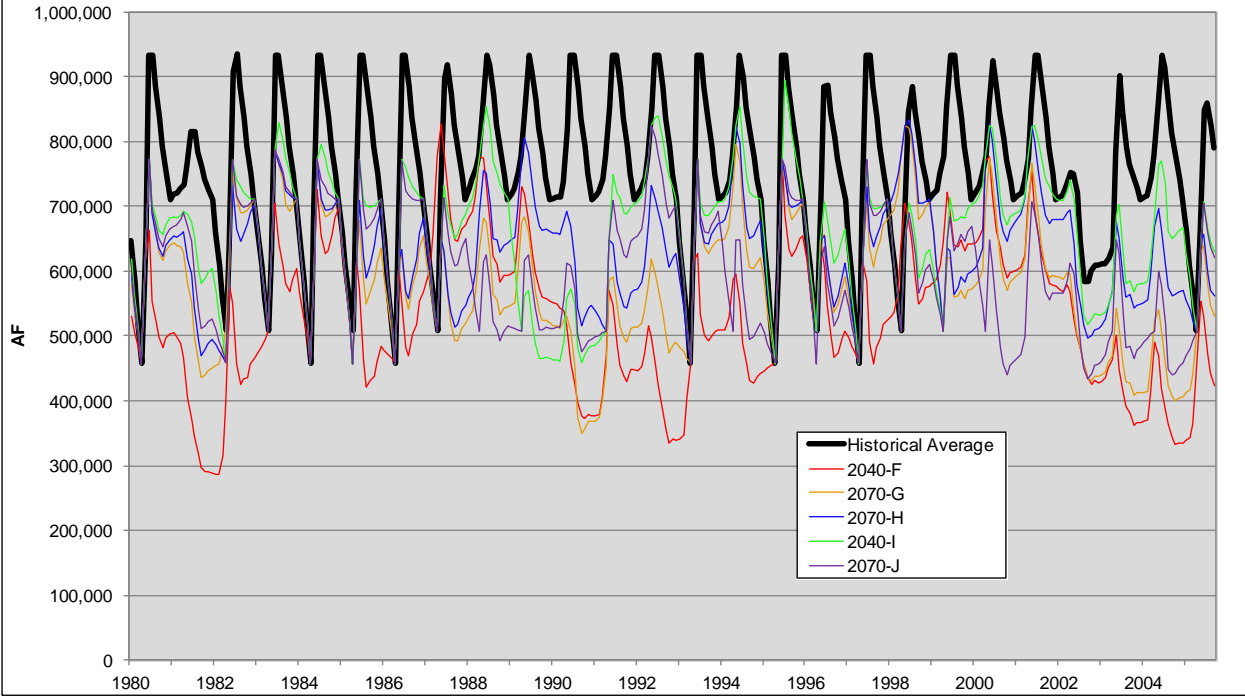
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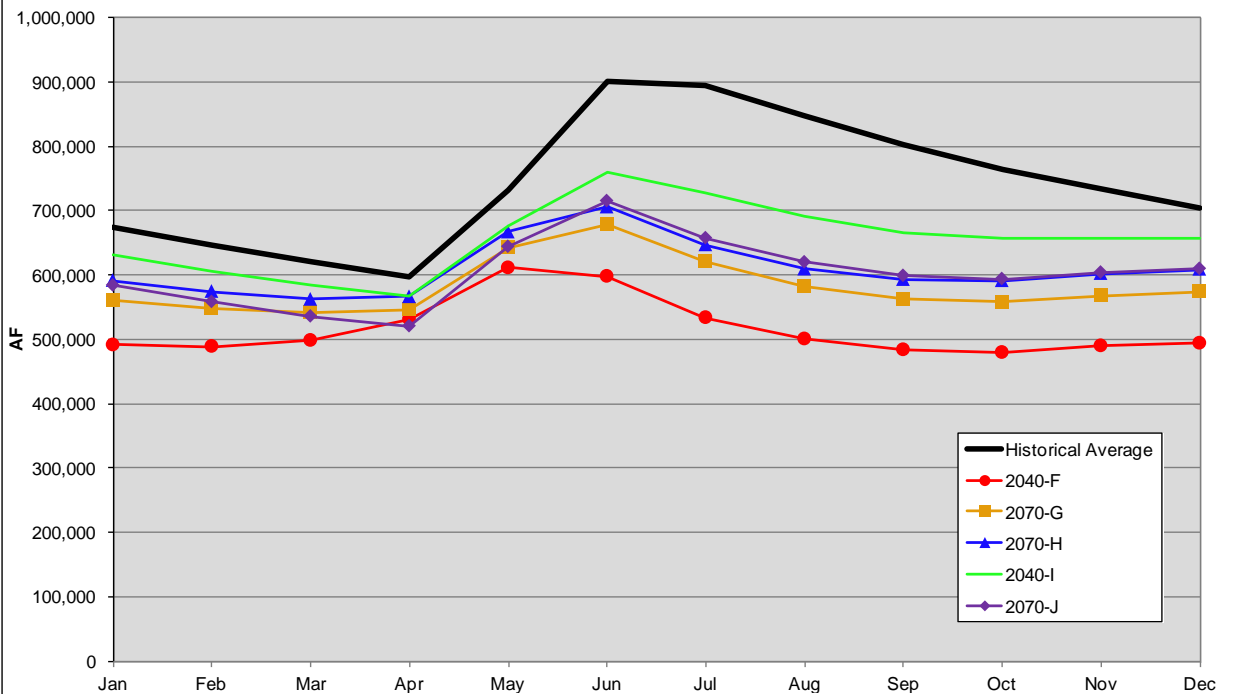
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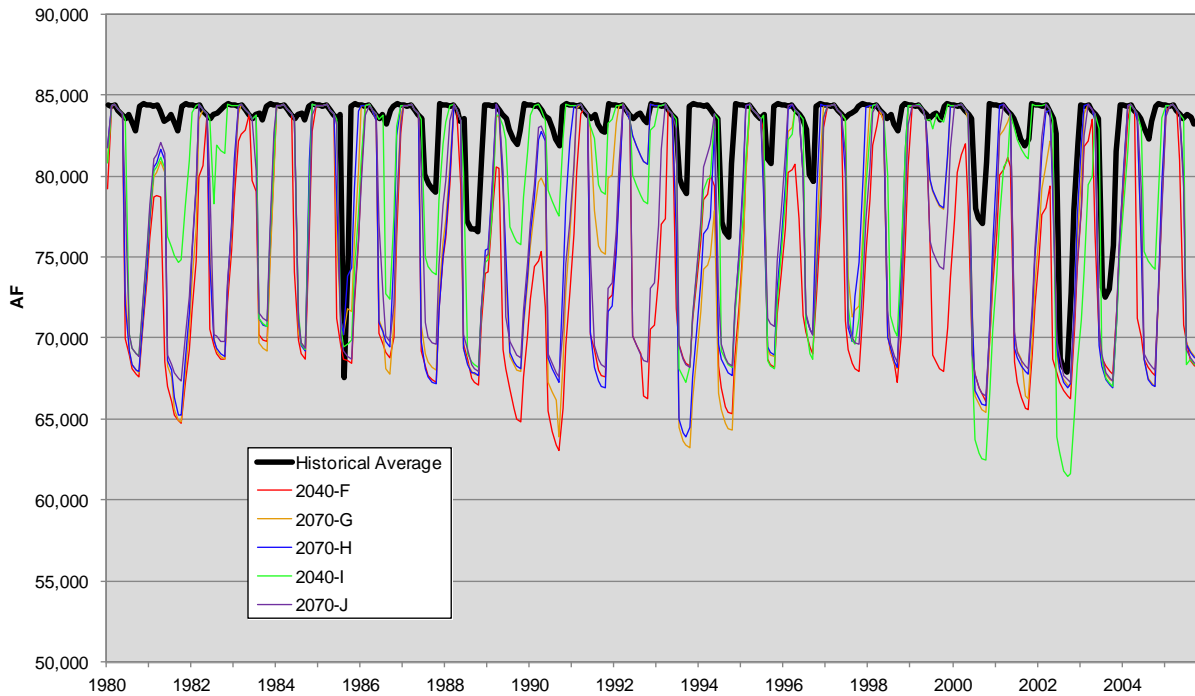
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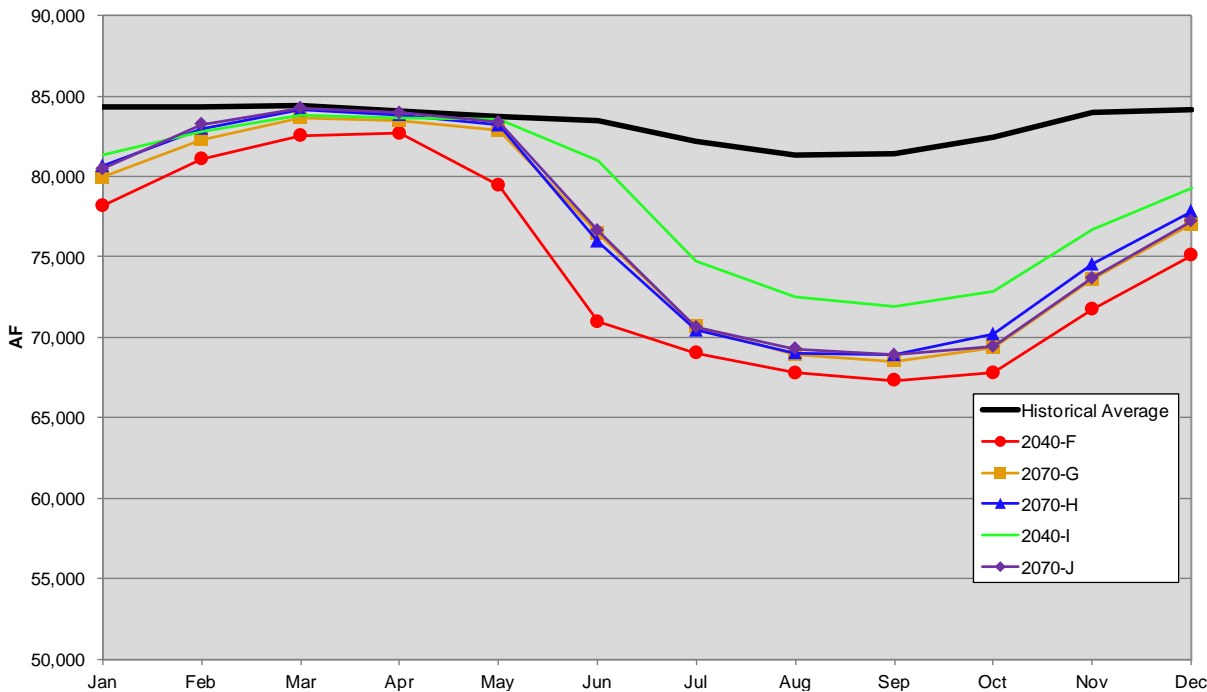
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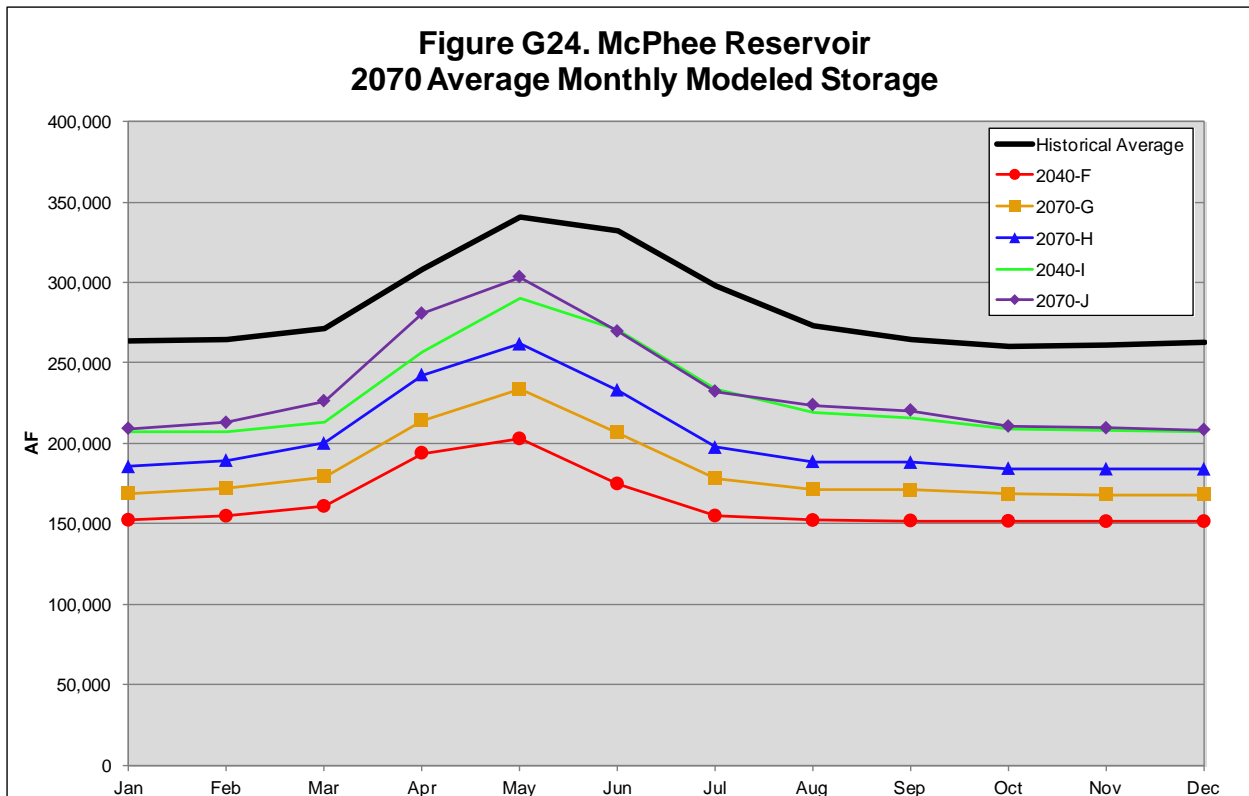
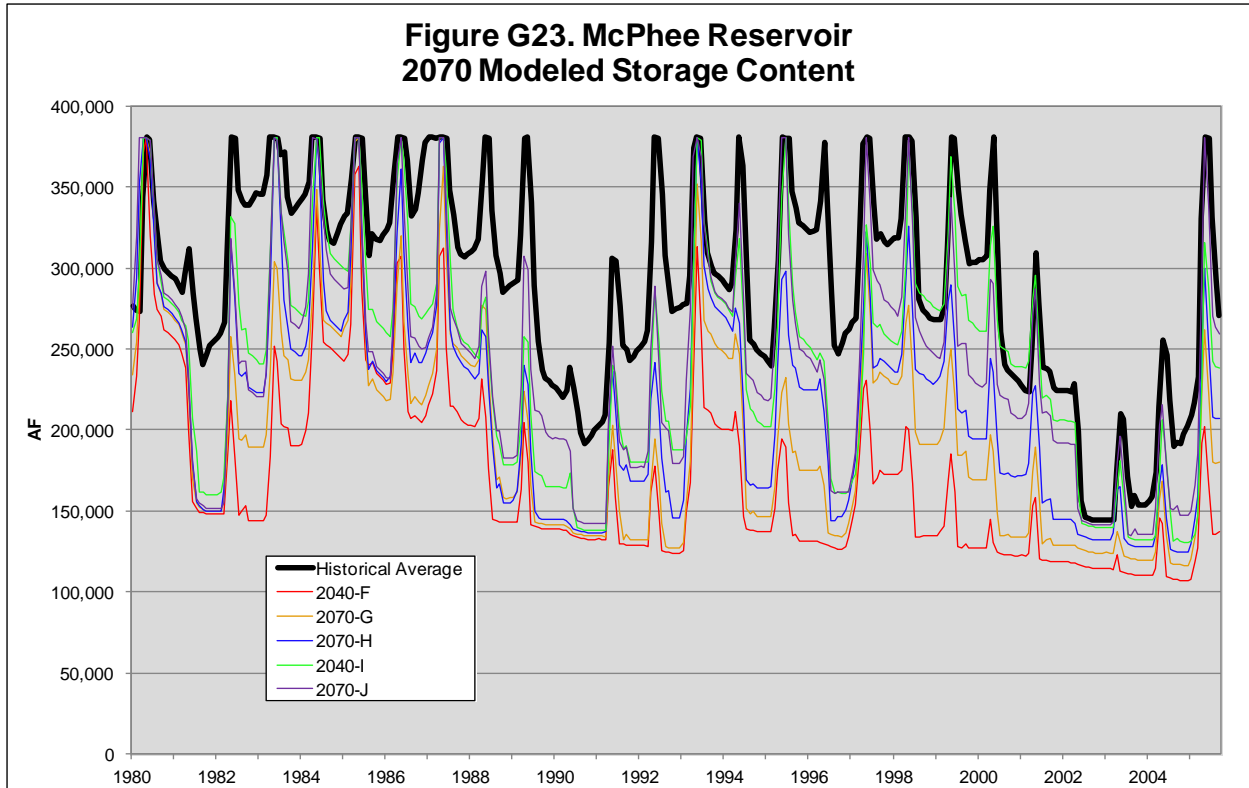


**Figure G21. Ridgway Reservoir
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**Figure G22. Ridgway Reservoir
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Appendix H: Modeled Consumptive Use



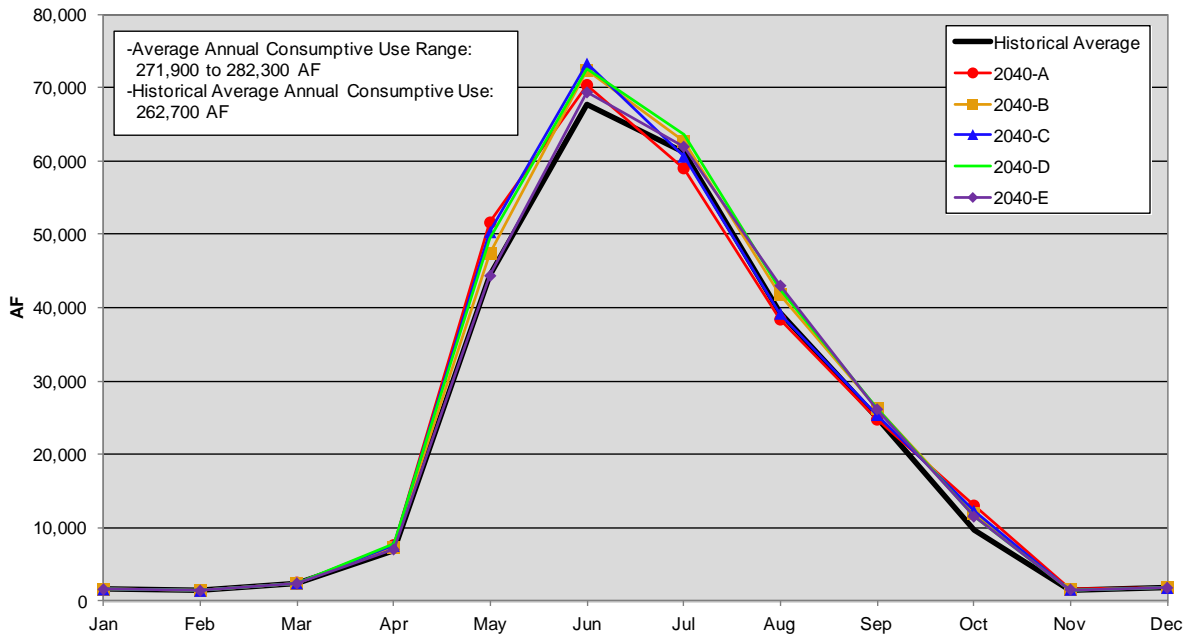
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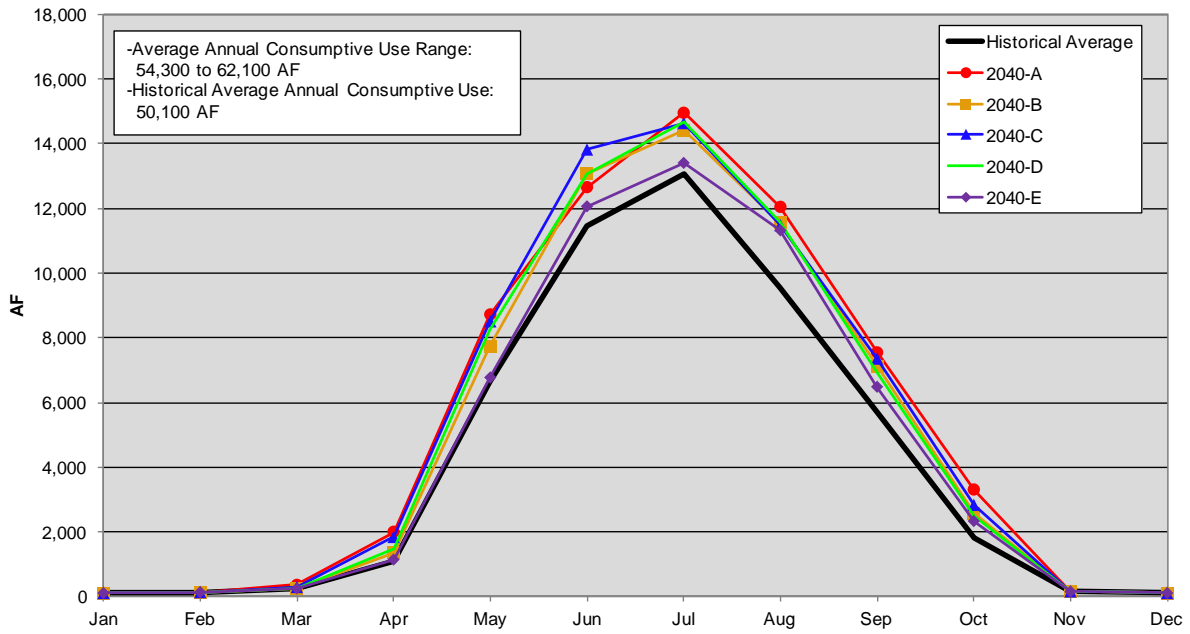
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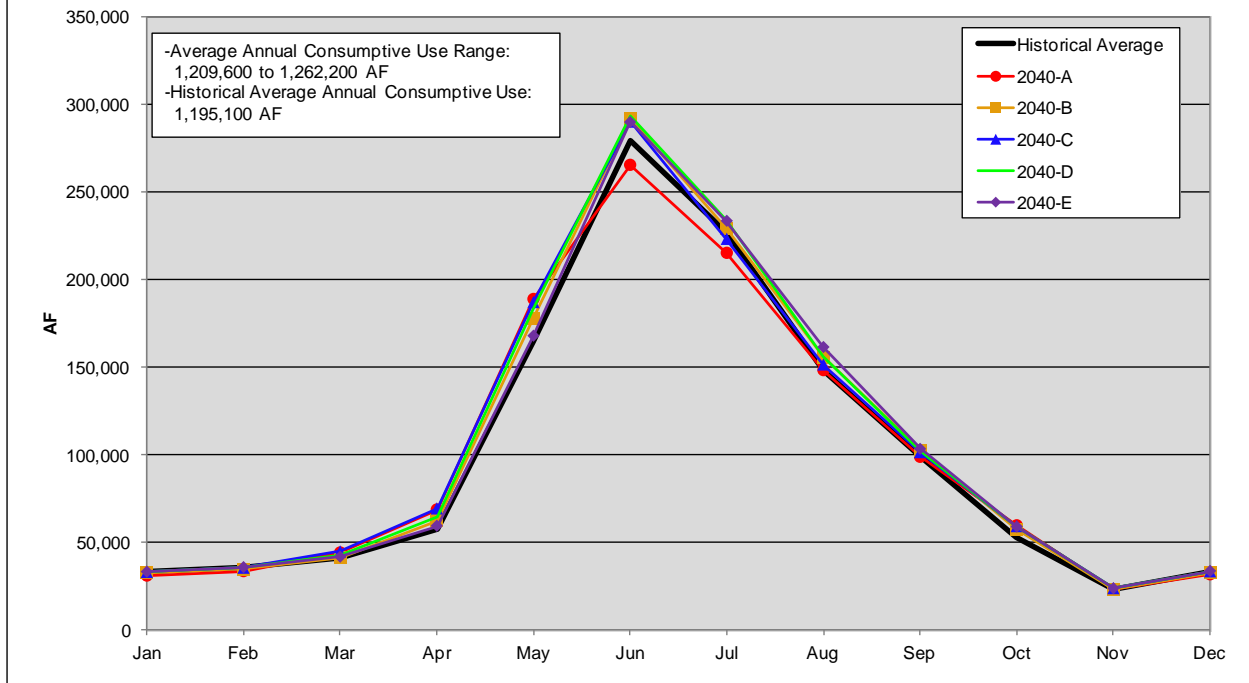
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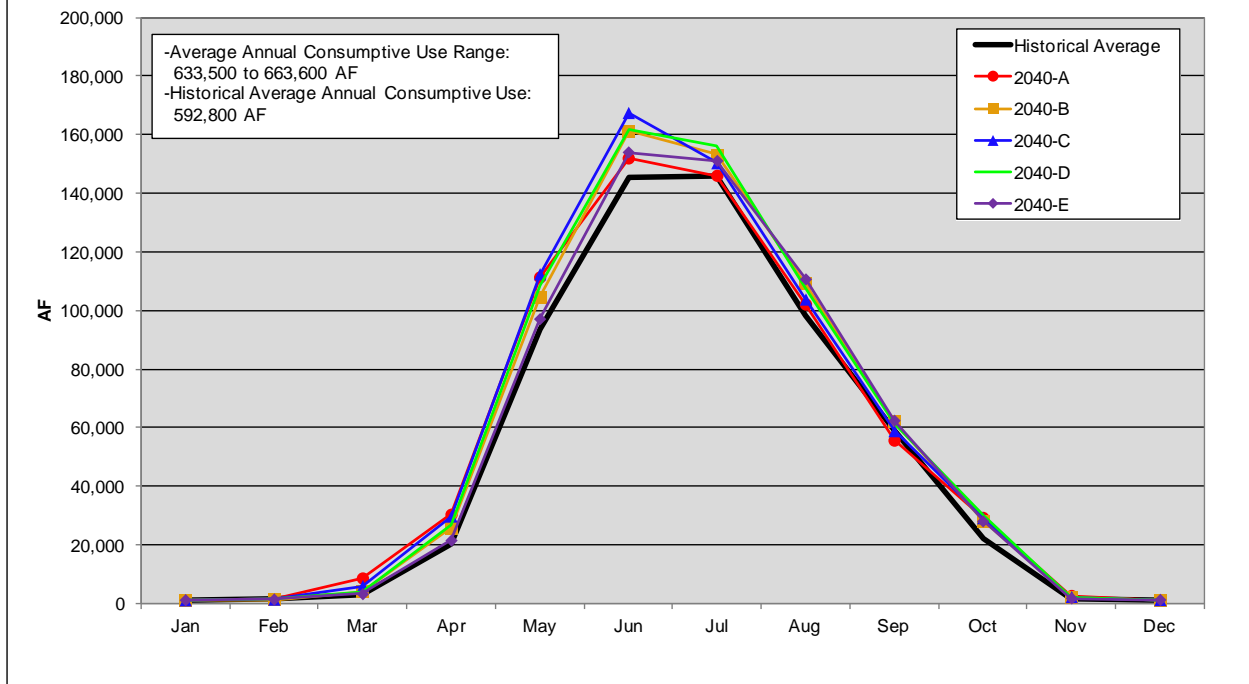
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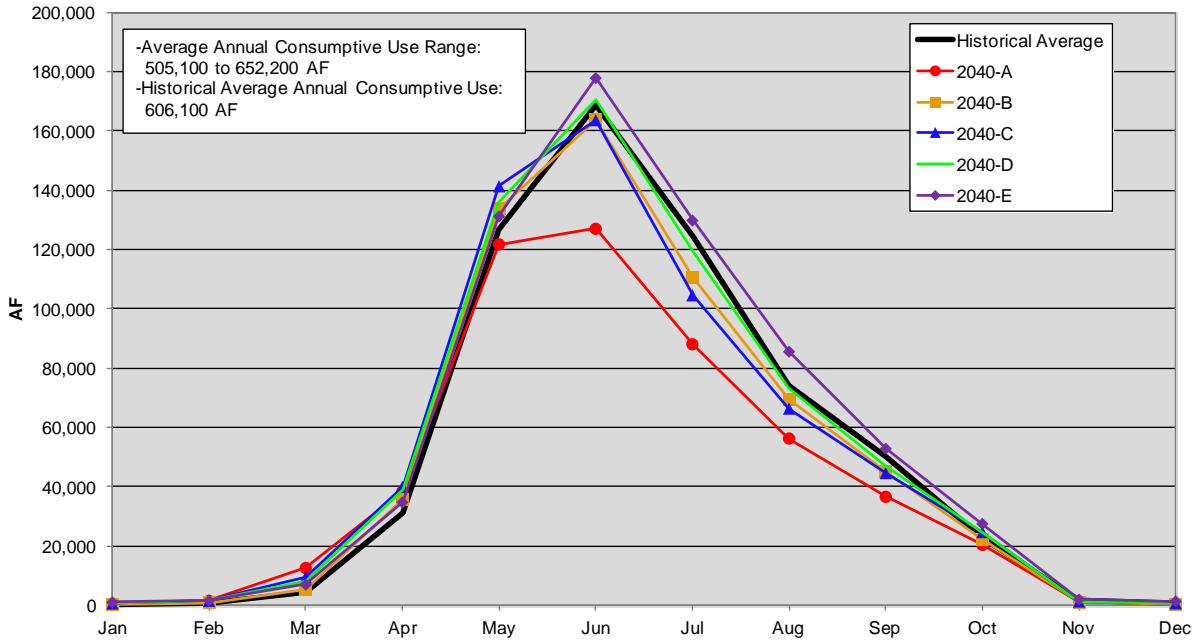
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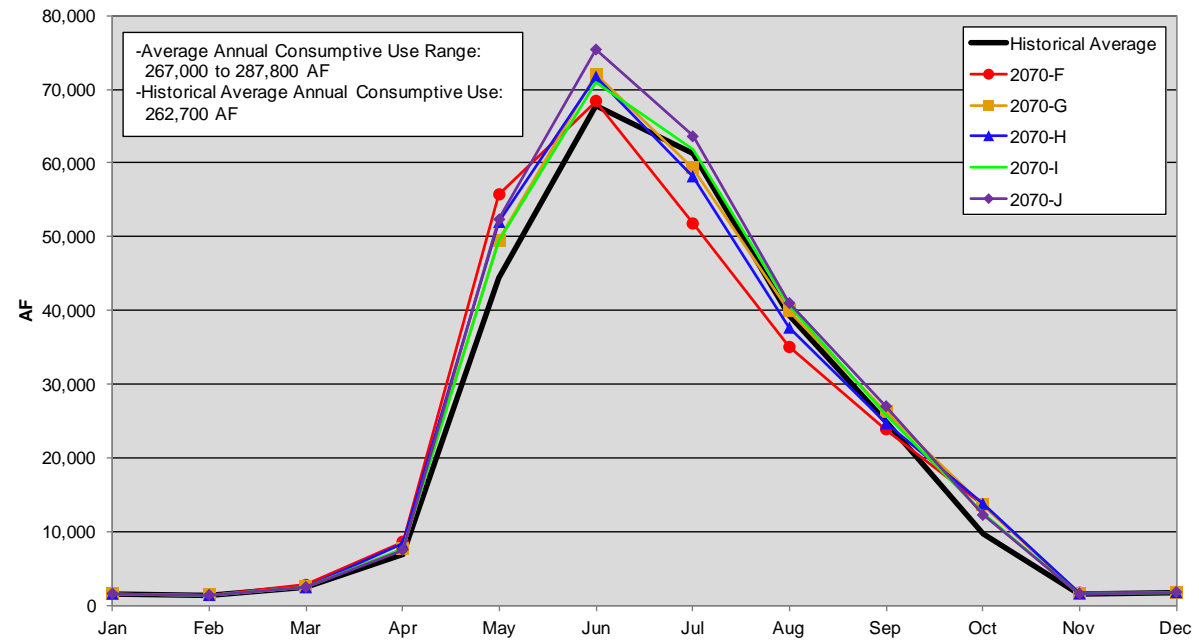
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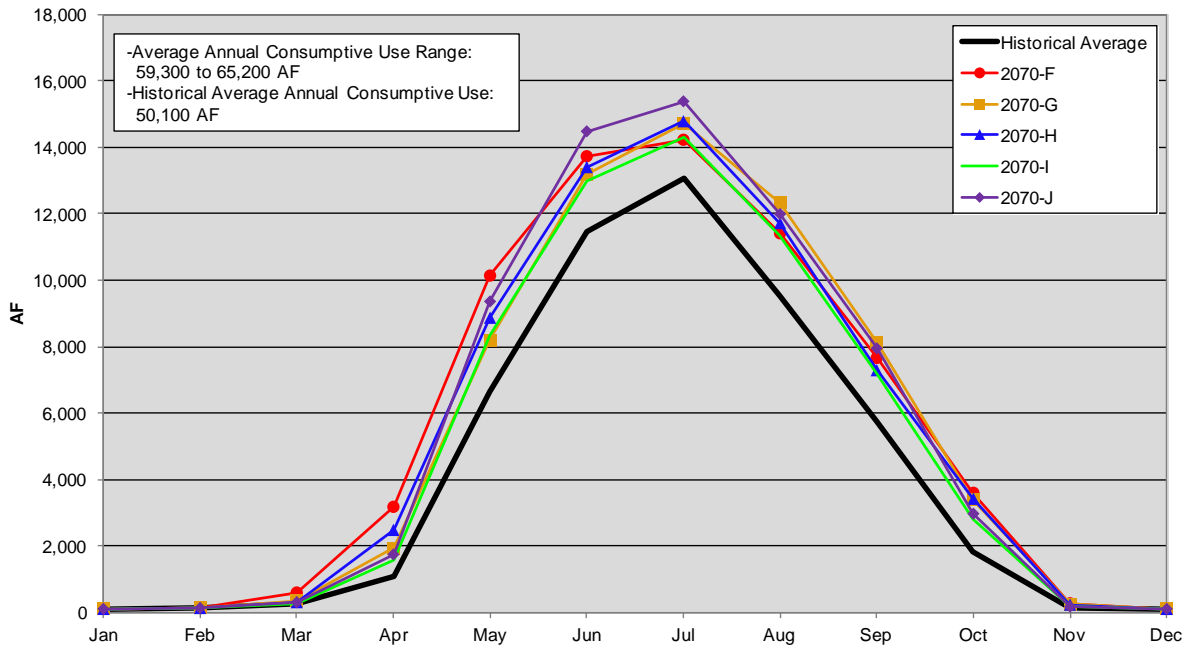
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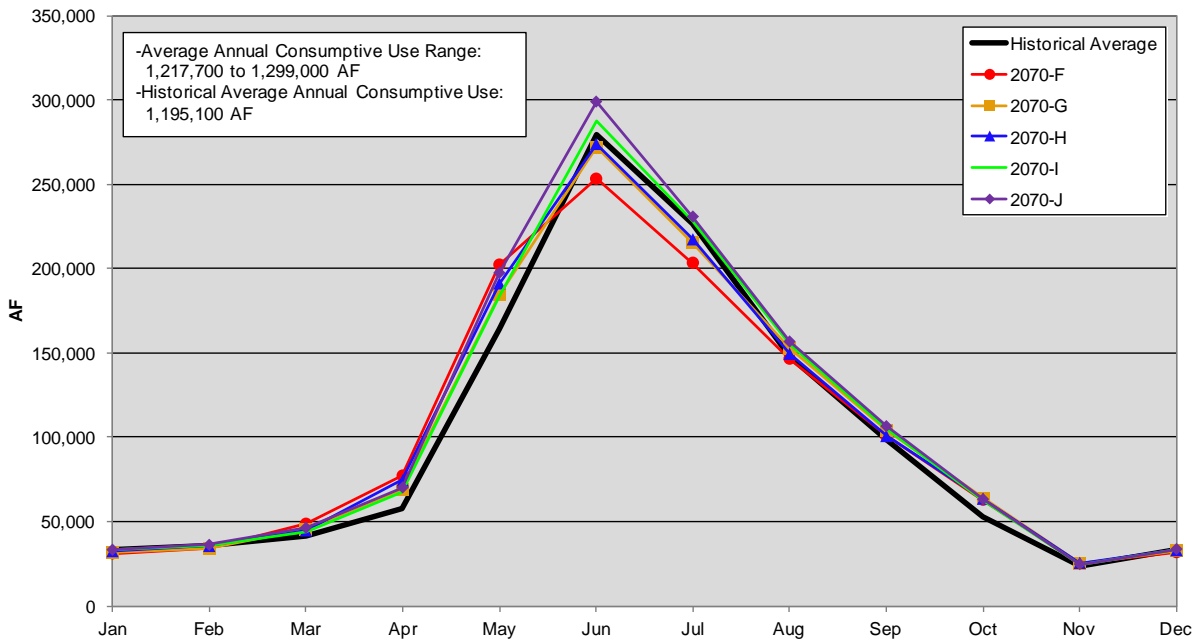
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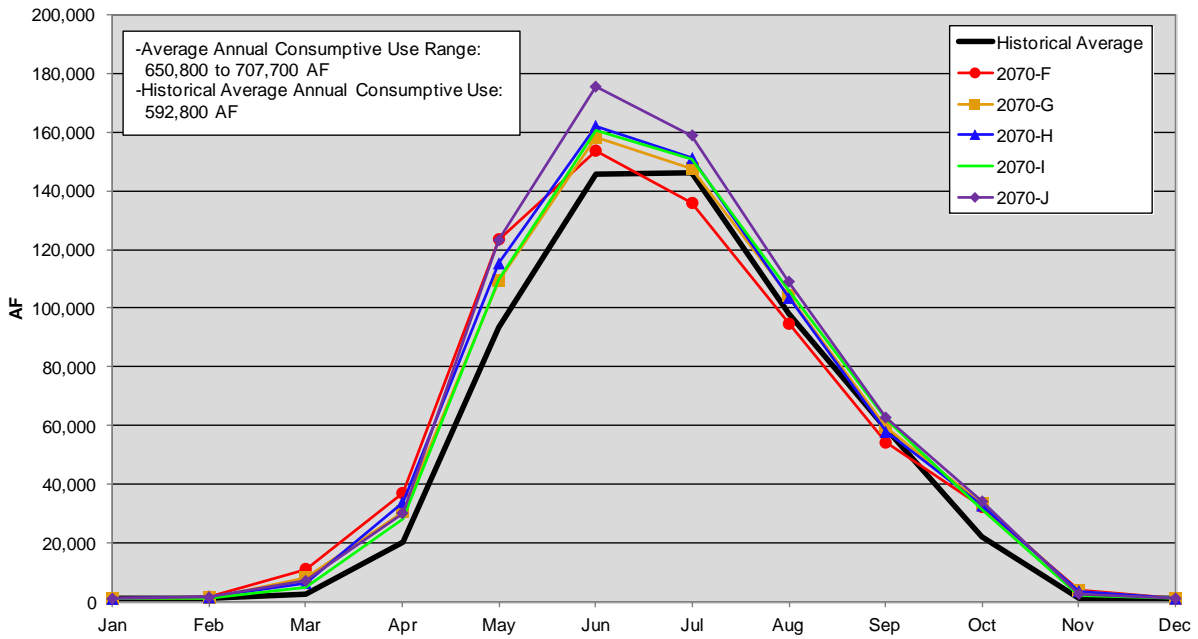
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**Figure H8. Colorado River Basin-Wide
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**Figure H9. Gunnison River Basin-Wide
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**Figure H10. San Juan River Basin-Wide
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