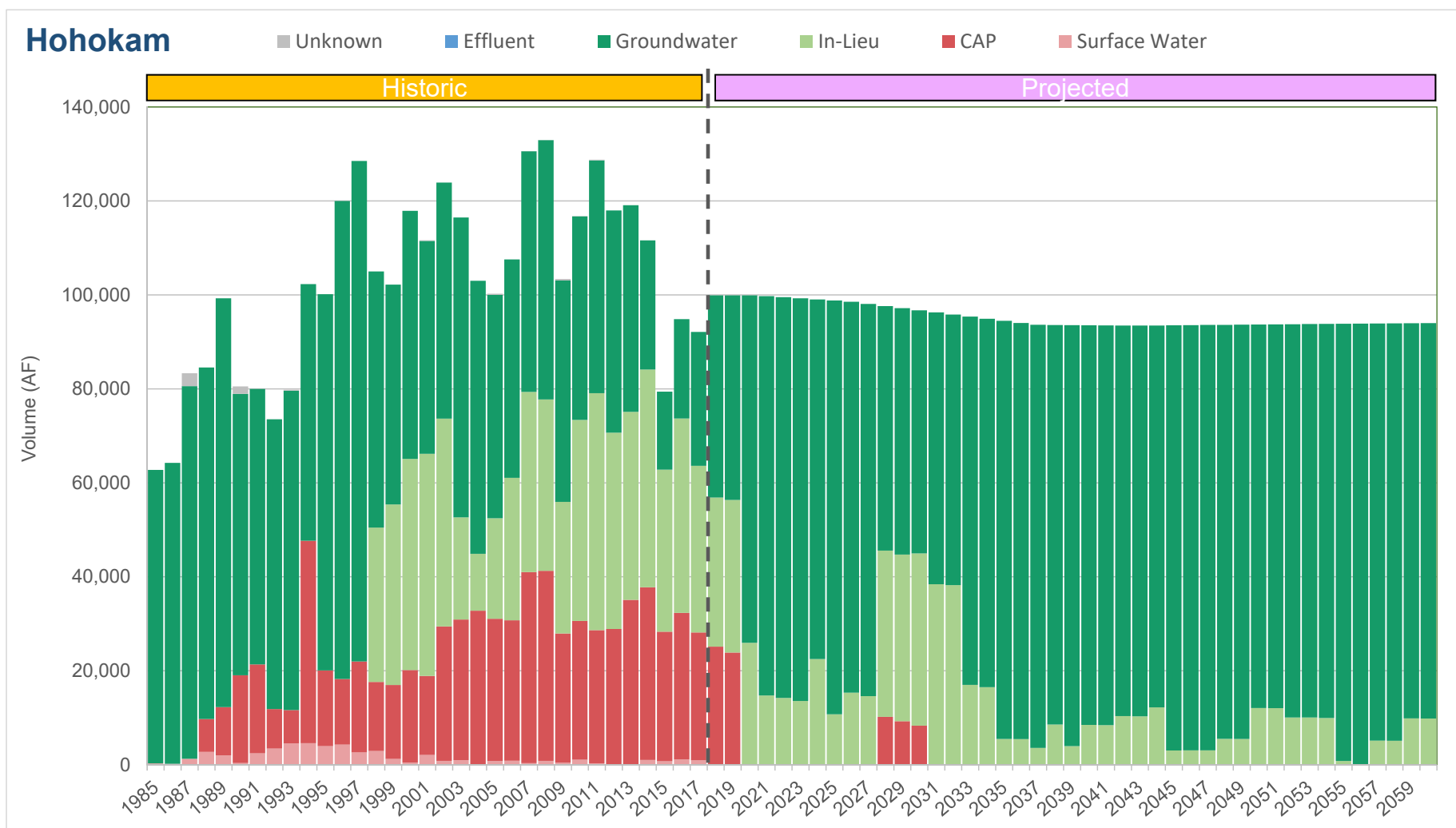


Hohokam

Central Arizona Project Service Area Model

A. Highest Demand [EMSBS]

High growth rate, spillover (suburban) growth pattern, hotter and drier climate, unlimited Ag pumping capacity



Hohokam

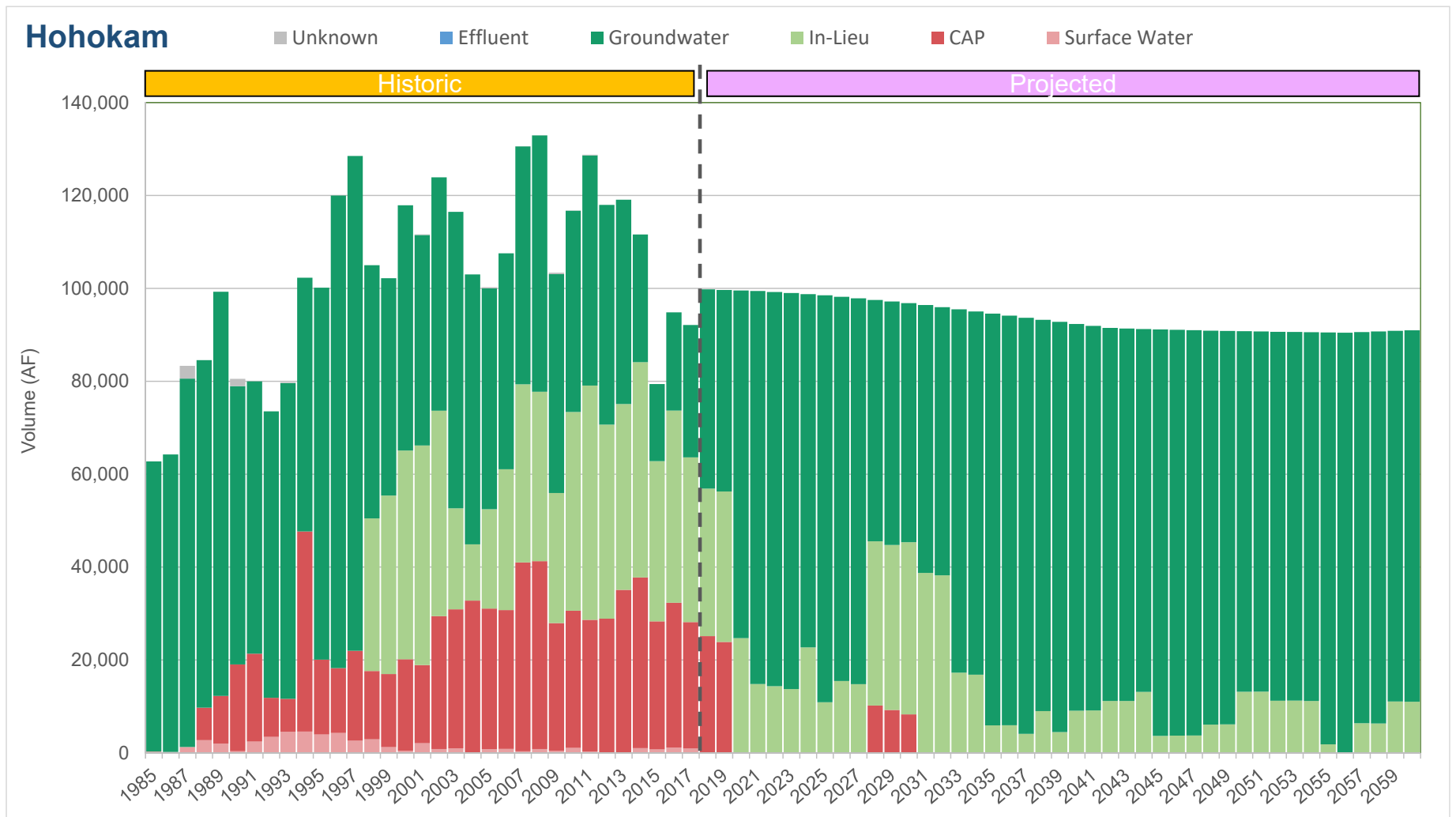
Date	Effluent	Surface Water	CAP	In-Lieu	Groundwater	Unknwon
2018	0	0	25,137	31,726	43,015	0
2019	0	0	23,883	32,471	43,537	0
2020	0	0	0	25,932	73,966	0
2021	0	0	0	14,737	84,994	0
2022	0	0	0	14,198	85,305	0
2023	0	0	0	13,557	85,712	0
2024	0	0	0	22,482	76,547	0
2025	0	0	0	10,718	88,074	0
2026	0	0	0	15,316	83,202	0
2027	0	0	0	14,598	83,468	0
2028	0	0	10,197	35,377	52,038	0
2029	0	0	9,251	35,481	52,432	0
2030	0	0	8,307	36,646	51,757	0
2031	0	0	0	38,407	57,851	0
2032	0	0	0	38,229	57,575	0
2033	0	0	0	16,983	78,377	0
2034	0	0	0	16,502	78,410	0
2035	0	0	0	5,471	88,990	0
2036	0	0	0	5,456	88,546	0
2037	0	0	0	3,569	90,045	0
2038	0	0	0	8,542	85,042	0
2039	0	0	0	3,964	89,587	0
2040	0	0	0	8,466	85,044	0
2041	0	0	0	8,404	85,084	0
2042	0	0	0	10,360	83,095	0
2043	0	0	0	10,298	83,154	0
2044	0	0	0	12,211	81,267	0
2045	0	0	0	3,028	90,492	0
2046	0	0	0	3,041	90,513	0
2047	0	0	0	3,053	90,533	0
2048	0	0	0	5,499	88,110	0
2049	0	0	0	5,478	88,175	0
2050	0	0	0	12,060	81,626	0
2051	0	0	0	12,043	81,676	0
2052	0	0	0	10,060	83,678	0
2053	0	0	0	10,039	83,743	0
2054	0	0	0	9,934	83,880	0
2055	0	0	0	789	93,055	0
2056	0	0	0	0	93,859	0
2057	0	0	0	5,118	88,786	0
2058	0	0	0	5,101	88,832	0
2059	0	0	0	9,848	84,115	0
2060	0	0	0	9,837	84,139	0

Hohokam

Central Arizona Project Service Area Model

B. Having it All [EMSBS]

Medium growth rate, local growth pattern, hotter and drier climate, unlimited Ag pumping capacity



Hohokam

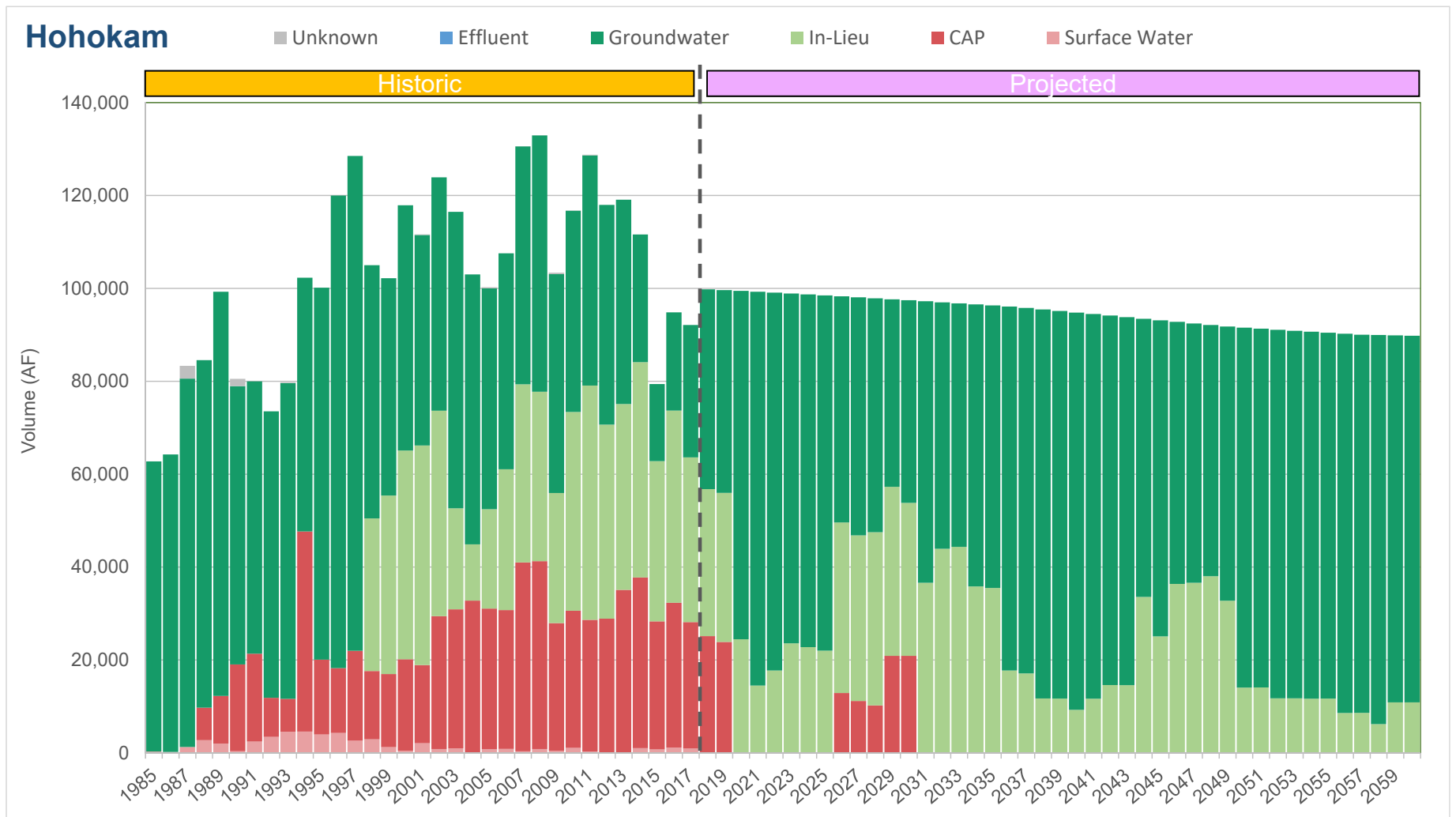
Date	Effluent	Surface Water	CAP	In-Lieu	Groundwater	Unknwon
2018	0	0	25,137	31,744	42,886	0
2019	0	0	23,883	32,366	43,406	0
2020	0	0	0	24,693	74,844	0
2021	0	0	0	14,824	84,594	0
2022	0	0	0	14,346	84,863	0
2023	0	0	0	13,718	85,258	0
2024	0	0	0	22,696	76,046	0
2025	0	0	0	10,892	87,620	0
2026	0	0	0	15,470	82,712	0
2027	0	0	0	14,791	83,048	0
2028	0	0	10,197	35,353	51,945	0
2029	0	0	9,244	35,513	52,403	0
2030	0	0	8,284	37,050	51,489	0
2031	0	0	0	38,736	57,680	0
2032	0	0	0	38,205	57,735	0
2033	0	0	0	17,257	78,225	0
2034	0	0	0	16,817	78,204	0
2035	0	0	0	5,923	88,641	0
2036	0	0	0	5,943	88,162	0
2037	0	0	0	4,078	89,583	0
2038	0	0	0	8,973	84,240	0
2039	0	0	0	4,469	88,303	0
2040	0	0	0	9,069	83,258	0
2041	0	0	0	9,112	82,791	0
2042	0	0	0	11,173	80,302	0
2043	0	0	0	11,164	80,164	0
2044	0	0	0	13,110	78,119	0
2045	0	0	0	3,664	87,486	0
2046	0	0	0	3,698	87,363	0
2047	0	0	0	3,731	87,244	0
2048	0	0	0	6,080	84,797	0
2049	0	0	0	6,136	84,680	0
2050	0	0	0	13,160	77,604	0
2051	0	0	0	13,176	77,535	0
2052	0	0	0	11,227	79,420	0
2053	0	0	0	11,238	79,370	0
2054	0	0	0	11,167	79,390	0
2055	0	0	0	1,827	88,678	0
2056	0	0	0	0	90,439	0
2057	0	0	0	6,368	84,214	0
2058	0	0	0	6,320	84,392	0
2059	0	0	0	11,052	79,792	0
2060	0	0	0	11,008	79,950	0

Hohokam

Central Arizona Project Service Area Model

C. Medium, Strong Ag [EMSBS]

Medium growth rate, official growth pattern, hot and dry climate, unlimited Ag pumping capacity. Pairwise comparison to Scenario D.



Hohokam

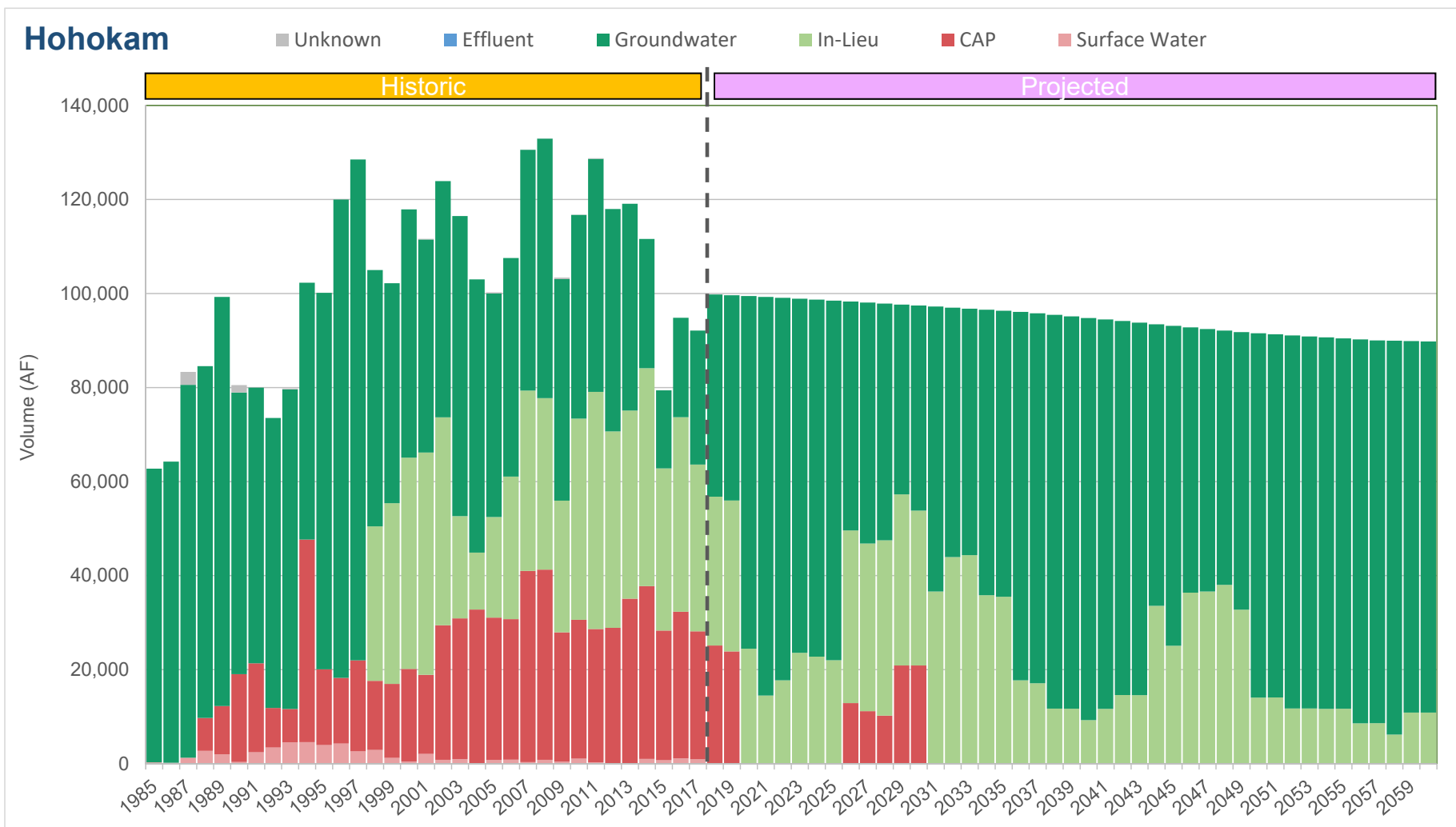
Date	Effluent	Surface Water	CAP	In-Lieu	Groundwater	Unknwon
2018	0	0	25,137	31,640	43,014	0
2019	0	0	23,883	32,086	43,656	0
2020	0	0	0	24,456	74,995	0
2021	0	0	0	14,478	84,797	0
2022	0	0	0	17,725	81,357	0
2023	0	0	0	23,572	75,312	0
2024	0	0	0	22,760	75,924	0
2025	0	0	0	21,996	76,488	0
2026	0	0	12,890	36,706	48,676	0
2027	0	0	11,153	35,655	51,253	0
2028	0	0	10,198	37,306	50,345	0
2029	0	0	20,879	36,386	40,377	0
2030	0	0	20,879	32,937	43,618	0
2031	0	0	0	36,624	60,589	0
2032	0	0	0	43,918	53,063	0
2033	0	0	0	44,342	52,417	0
2034	0	0	0	35,823	60,713	0
2035	0	0	0	35,482	60,832	0
2036	0	0	0	17,717	78,369	0
2037	0	0	0	17,101	78,677	0
2038	0	0	0	11,700	83,744	0
2039	0	0	0	11,685	83,427	0
2040	0	0	0	9,245	85,532	0
2041	0	0	0	11,654	82,805	0
2042	0	0	0	14,584	79,554	0
2043	0	0	0	14,558	79,244	0
2044	0	0	0	33,575	59,875	0
2045	0	0	0	25,058	68,055	0
2046	0	0	0	36,353	56,422	0
2047	0	0	0	36,617	55,825	0
2048	0	0	0	38,019	54,086	0
2049	0	0	0	32,740	59,049	0
2050	0	0	0	14,044	77,486	0
2051	0	0	0	14,066	77,238	0
2052	0	0	0	11,728	79,346	0
2053	0	0	0	11,747	79,118	0
2054	0	0	0	11,663	78,986	0
2055	0	0	0	11,686	78,751	0
2056	0	0	0	8,586	81,631	0
2057	0	0	0	8,599	81,422	0
2058	0	0	0	6,186	83,759	0
2059	0	0	0	10,855	79,018	0
2060	0	0	0	10,875	78,915	0

Hohokam

Central Arizona Project Service Area Model

D. Medium, Reduced Ag [EMSBS]

Medium growth rate, official growth pattern, hot and dry climate, Ag pumping capacity equal to 1.5x the max gw use from 2003 to 2013. Pairwise comparison to Scenario C.



Hohokam

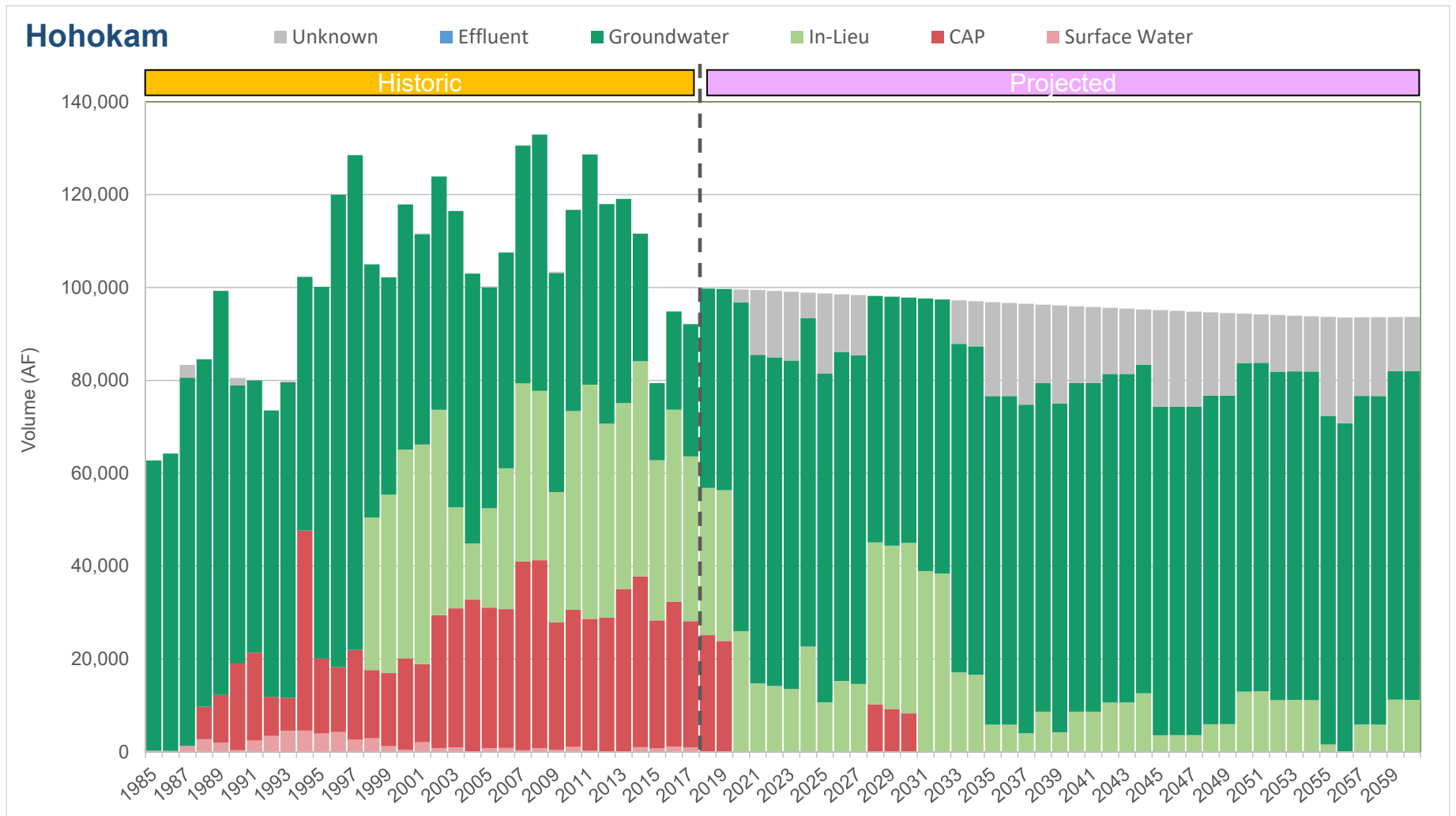
Date	Effluent	Surface Water	CAP	In-Lieu	Groundwater	Unknwon
2018	0	0	25,137	31,640	43,014	0
2019	0	0	23,883	32,086	43,656	0
2020	0	0	0	24,456	74,995	0
2021	0	0	0	14,478	84,797	0
2022	0	0	0	17,725	81,357	0
2023	0	0	0	23,572	75,312	0
2024	0	0	0	22,760	75,924	0
2025	0	0	0	21,996	76,488	0
2026	0	0	12,890	36,706	48,676	0
2027	0	0	11,153	35,655	51,253	0
2028	0	0	10,198	37,306	50,345	0
2029	0	0	20,879	36,386	40,377	0
2030	0	0	20,879	32,937	43,618	0
2031	0	0	0	36,624	60,589	0
2032	0	0	0	43,918	53,063	0
2033	0	0	0	44,342	52,417	0
2034	0	0	0	35,823	60,713	0
2035	0	0	0	35,482	60,832	0
2036	0	0	0	17,717	78,369	0
2037	0	0	0	17,101	78,677	0
2038	0	0	0	11,700	83,744	0
2039	0	0	0	11,685	83,427	0
2040	0	0	0	9,245	85,532	0
2041	0	0	0	11,654	82,805	0
2042	0	0	0	14,584	79,554	0
2043	0	0	0	14,558	79,244	0
2044	0	0	0	33,575	59,875	0
2045	0	0	0	25,058	68,055	0
2046	0	0	0	36,353	56,422	0
2047	0	0	0	36,617	55,825	0
2048	0	0	0	38,019	54,086	0
2049	0	0	0	32,740	59,049	0
2050	0	0	0	14,044	77,486	0
2051	0	0	0	14,066	77,238	0
2052	0	0	0	11,728	79,346	0
2053	0	0	0	11,747	79,118	0
2054	0	0	0	11,663	78,986	0
2055	0	0	0	11,686	78,751	0
2056	0	0	0	8,586	81,631	0
2057	0	0	0	8,599	81,422	0
2058	0	0	0	6,186	83,759	0
2059	0	0	0	10,855	79,018	0
2060	0	0	0	10,875	78,915	0

Hohokam

Central Arizona Project Service Area Model

E. Lowest Demand, Hot [EMSBS]

Slow growth rate, dense urbanization growth pattern, hotter and drier climate, Ag pumping capacity equal to the max gw use from 2003 to 2013 plus additional DCP pumping capacity. Pairwise comparison to Scenario F.



Hohokam

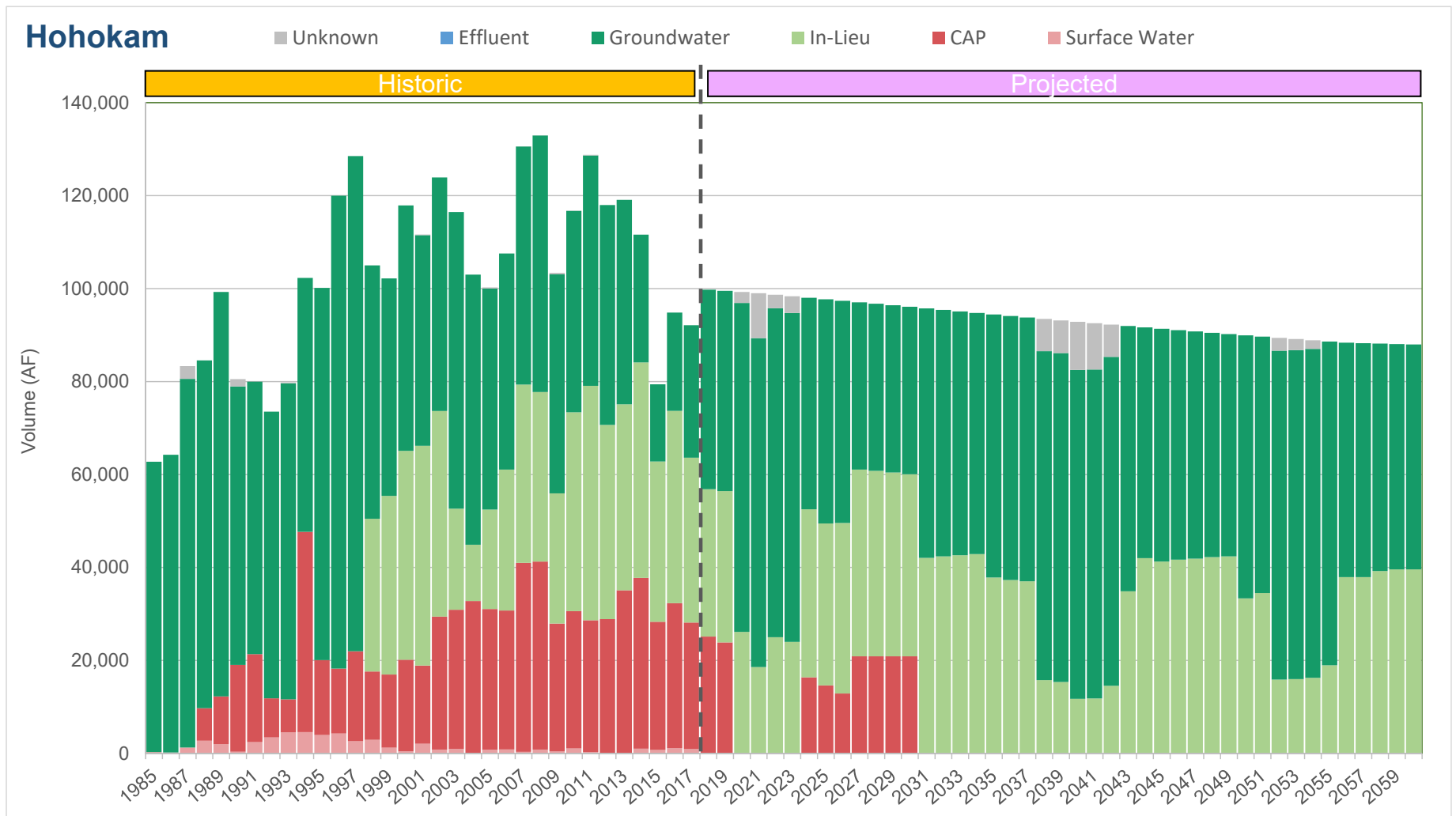
Date	Effluent	Surface Water	CAP	In-Lieu	Groundwater	Unknwon
2018	0	0	25,137	31,686	42,940	0
2019	0	0	23,884	32,451	43,330	0
2020	0	0	0	25,991	70,756	2,815
2021	0	0	0	14,738	70,756	13,953
2022	0	0	0	14,182	70,756	14,324
2023	0	0	0	13,523	70,756	14,796
2024	0	0	0	22,675	70,756	5,456
2025	0	0	0	10,679	70,756	17,272
2026	0	0	0	15,270	70,756	12,502
2027	0	0	0	14,609	70,756	12,988
2028	0	0	10,198	34,901	53,076	0
2029	0	0	9,245	35,151	53,613	0
2030	0	0	8,284	36,719	52,822	0
2031	0	0	0	38,910	58,711	0
2032	0	0	0	38,419	58,998	0
2033	0	0	0	17,094	70,756	9,377
2034	0	0	0	16,567	70,756	9,713
2035	0	0	0	5,859	70,756	20,231
2036	0	0	0	5,870	70,756	20,028
2037	0	0	0	4,015	70,756	21,710
2038	0	0	0	8,650	70,756	16,896
2039	0	0	0	4,228	70,756	21,142
2040	0	0	0	8,672	70,756	16,519
2041	0	0	0	8,672	70,756	16,355
2042	0	0	0	10,630	70,756	14,224
2043	0	0	0	10,626	70,756	14,062
2044	0	0	0	12,619	70,756	11,893
2045	0	0	0	3,581	70,756	20,779
2046	0	0	0	3,593	70,756	20,607
2047	0	0	0	3,605	70,756	20,439
2048	0	0	0	5,933	70,756	17,947
2049	0	0	0	5,962	70,756	17,782
2050	0	0	0	12,967	70,756	10,629
2051	0	0	0	13,029	70,756	10,424
2052	0	0	0	11,124	70,756	12,174
2053	0	0	0	11,178	70,756	11,995
2054	0	0	0	11,148	70,756	11,890
2055	0	0	0	1,581	70,756	21,325
2056	0	0	0	0	70,756	22,760
2057	0	0	0	5,888	70,756	16,922
2058	0	0	0	5,853	70,756	16,991
2059	0	0	0	11,233	70,756	11,647
2060	0	0	0	11,196	70,756	11,709

Hohokam

Central Arizona Project Service Area Model

F. Lowest Demand, Historic [EMSBS]

Slow growth rate, dense urbanization growth pattern, historic climate, Ag pumping capacity equal to the max gw use from 2003 to 2013 plus additional DCP pumping capacity. Pairwise comparison to Scenario E.



Hohokam

Date	Effluent	Surface Water	CAP	In-Lieu	Groundwater	Unknwon
2018	0	0	25,137	31,686	42,940	0
2019	0	0	23,884	32,532	43,100	0
2020	0	0	0	26,129	70,756	2,380
2021	0	0	0	18,574	70,756	9,671
2022	0	0	0	24,991	70,756	2,921
2023	0	0	0	23,989	70,756	3,589
2024	0	0	16,373	36,136	45,495	0
2025	0	0	14,632	34,835	48,209	0
2026	0	0	12,890	36,663	47,800	0
2027	0	0	20,879	40,179	35,976	0
2028	0	0	20,879	39,899	35,940	0
2029	0	0	20,879	39,534	35,992	0
2030	0	0	20,879	39,158	36,043	0
2031	0	0	0	42,056	53,680	0
2032	0	0	0	42,390	53,008	0
2033	0	0	0	42,634	52,430	0
2034	0	0	0	42,875	51,860	0
2035	0	0	0	37,825	56,583	0
2036	0	0	0	37,291	56,795	0
2037	0	0	0	37,025	56,745	0
2038	0	0	0	15,761	70,756	6,939
2039	0	0	0	15,359	70,756	7,031
2040	0	0	0	11,731	70,756	10,354
2041	0	0	0	11,814	70,756	9,965
2042	0	0	0	14,543	70,756	6,931
2043	0	0	0	34,872	57,060	0
2044	0	0	0	42,012	49,621	0
2045	0	0	0	41,255	50,086	0
2046	0	0	0	41,665	49,386	0
2047	0	0	0	41,890	48,875	0
2048	0	0	0	42,203	48,279	0
2049	0	0	0	42,389	47,817	0
2050	0	0	0	33,348	56,583	0
2051	0	0	0	34,494	55,165	0
2052	0	0	0	15,882	70,756	2,753
2053	0	0	0	15,989	70,756	2,380
2054	0	0	0	16,259	70,756	1,849
2055	0	0	0	18,953	69,653	0
2056	0	0	0	37,904	50,446	0
2057	0	0	0	37,926	50,324	0
2058	0	0	0	39,215	48,934	0
2059	0	0	0	39,580	48,472	0
2060	0	0	0	39,581	48,377	0