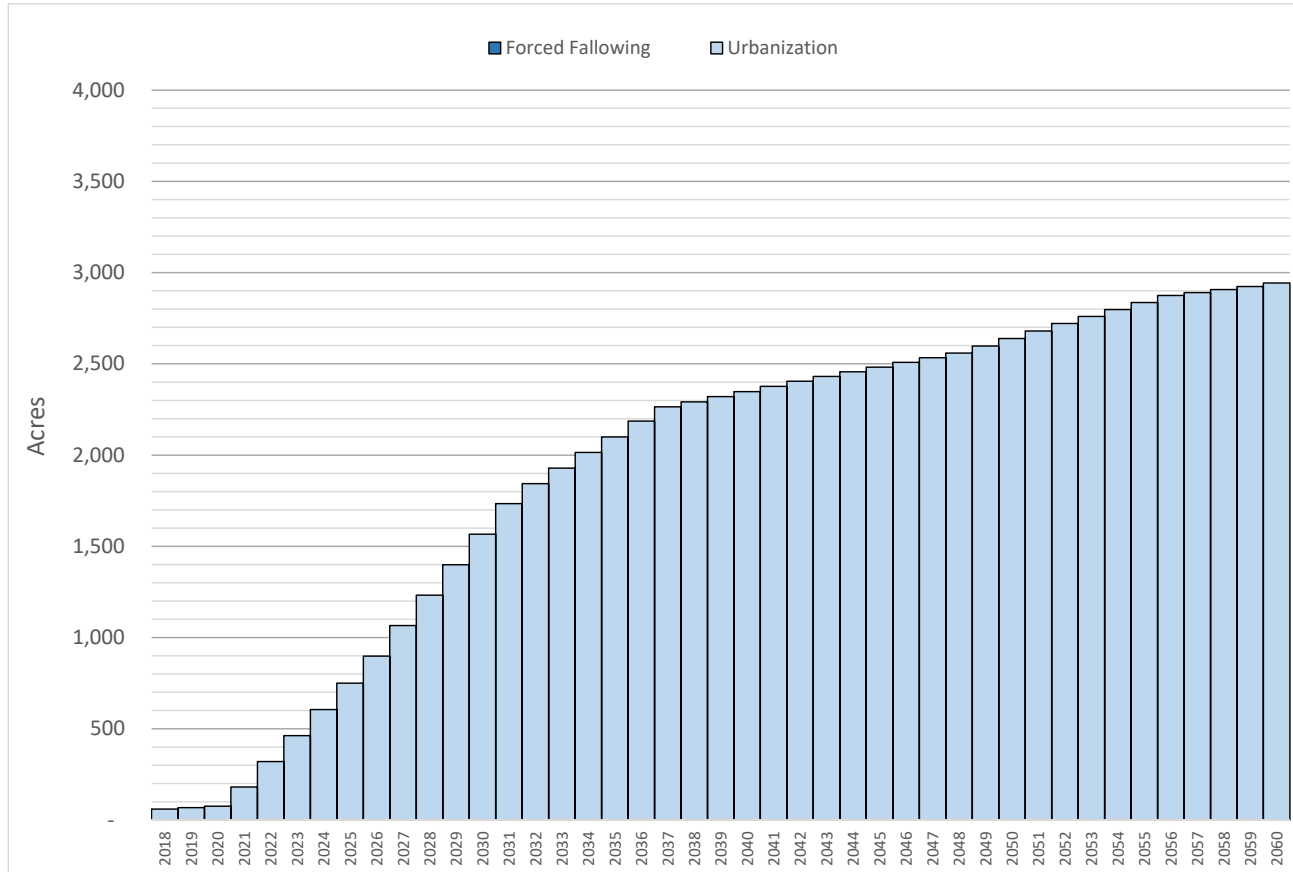


Central Arizona Project Service Area Model

Reduction in Agricultural Acres

A. Highest Demand [EMSBS]

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



CAIDD

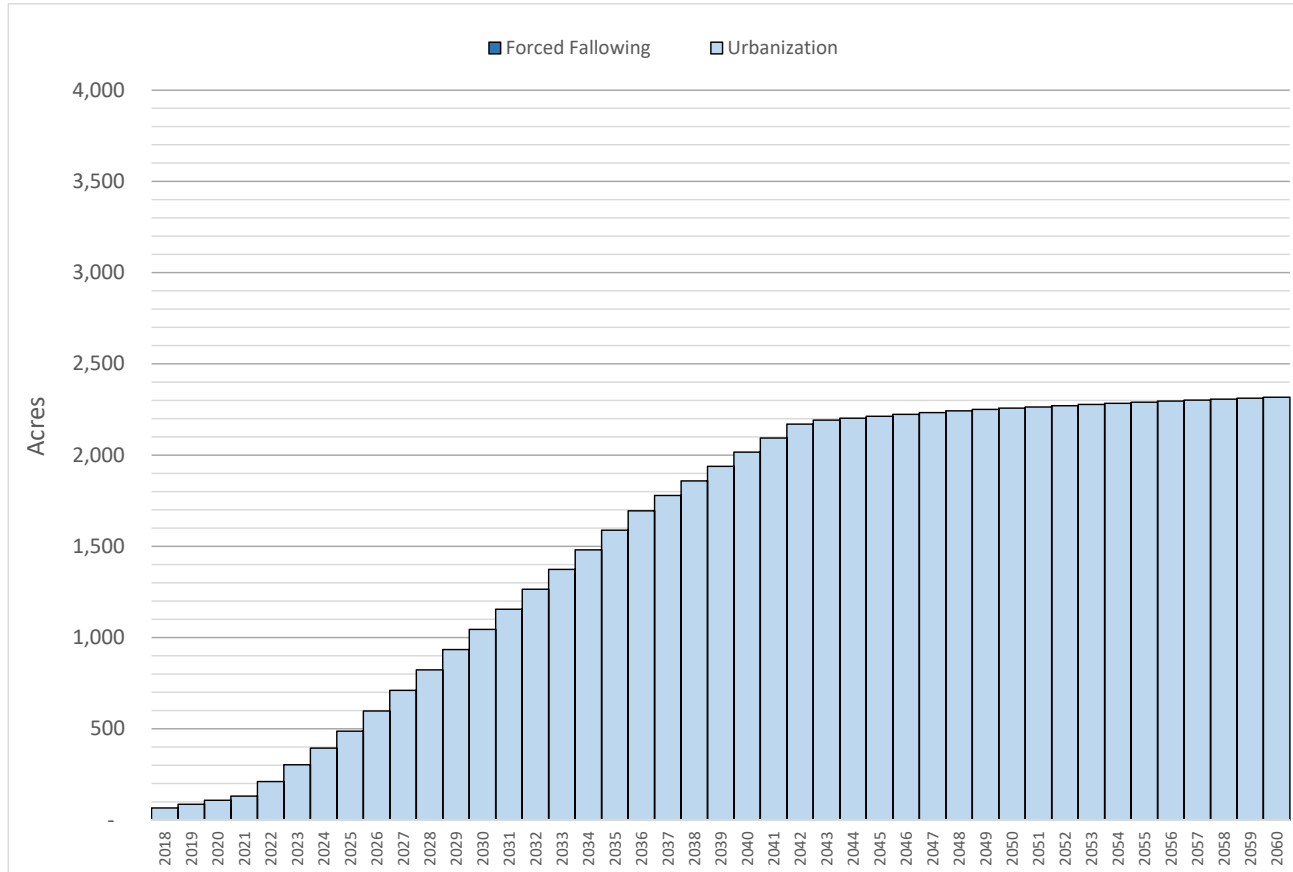
Date	Reduction in Ag Acres	
	Urbanization	Forced Following
2018	60	0
2019	68	0
2020	76	0
2021	181	0
2022	321	0
2023	463	0
2024	606	0
2025	750	0
2026	898	0
2027	1,065	0
2028	1,232	0
2029	1,400	0
2030	1,567	0
2031	1,734	0
2032	1,844	0
2033	1,929	0
2034	2,015	0
2035	2,100	0
2036	2,186	0
2037	2,264	0
2038	2,292	0
2039	2,320	0
2040	2,348	0
2041	2,376	0
2042	2,405	0
2043	2,432	0
2044	2,457	0
2045	2,482	0
2046	2,508	0
2047	2,534	0
2048	2,559	0
2049	2,598	0
2050	2,639	0
2051	2,680	0
2052	2,721	0
2053	2,760	0
2054	2,797	0
2055	2,836	0
2056	2,875	0
2057	2,891	0
2058	2,907	0
2059	2,924	0
2060	2,943	0

Central Arizona Project Service Area Model

Reduction in Agricultural Acres

B. Having it All [EMSBS]

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



CAIDD

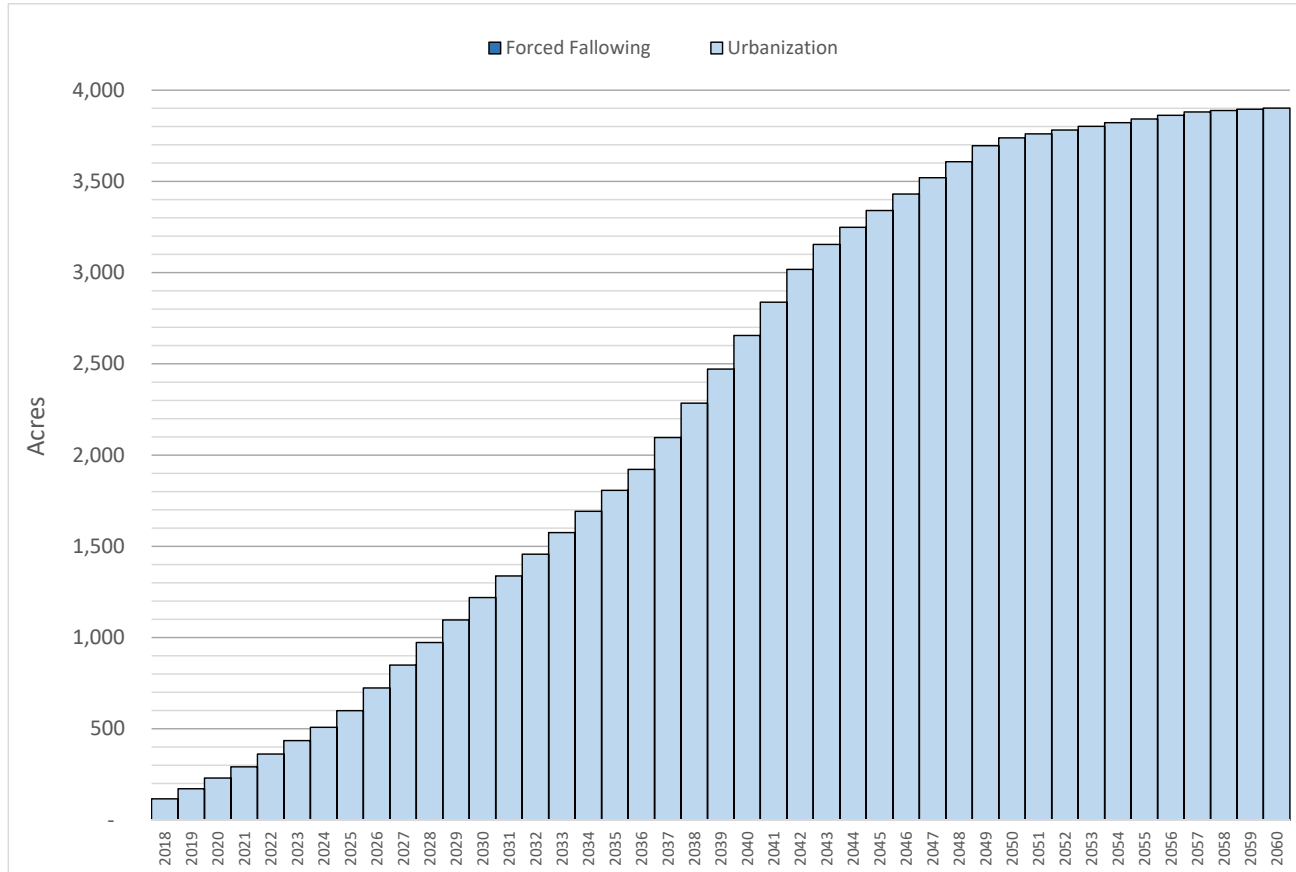
Date	Reduction in Ag Acres	
	Urbanization	Forced Fallowing
2018	66	0
2019	87	0
2020	108	0
2021	131	0
2022	211	0
2023	303	0
2024	394	0
2025	487	0
2026	598	0
2027	711	0
2028	823	0
2029	934	0
2030	1,044	0
2031	1,155	0
2032	1,265	0
2033	1,374	0
2034	1,481	0
2035	1,589	0
2036	1,695	0
2037	1,779	0
2038	1,859	0
2039	1,938	0
2040	2,016	0
2041	2,094	0
2042	2,170	0
2043	2,192	0
2044	2,203	0
2045	2,213	0
2046	2,223	0
2047	2,233	0
2048	2,243	0
2049	2,251	0
2050	2,258	0
2051	2,264	0
2052	2,271	0
2053	2,277	0
2054	2,284	0
2055	2,290	0
2056	2,296	0
2057	2,301	0
2058	2,307	0
2059	2,312	0
2060	2,318	0

Central Arizona Project Service Area Model

Reduction in Agricultural Acres

C. Medium, Strong Ag [EMSBS]

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



CAIDD

Date	Reduction in Ag Acres	
	Urbanization	Forced Following
2018	116	0
2019	171	0
2020	231	0
2021	292	0
2022	362	0
2023	435	0
2024	508	0
2025	599	0
2026	724	0
2027	849	0
2028	973	0
2029	1,096	0
2030	1,219	0
2031	1,338	0
2032	1,458	0
2033	1,575	0
2034	1,692	0
2035	1,808	0
2036	1,922	0
2037	2,096	0
2038	2,285	0
2039	2,471	0
2040	2,655	0
2041	2,838	0
2042	3,018	0
2043	3,155	0
2044	3,248	0
2045	3,340	0
2046	3,431	0
2047	3,520	0
2048	3,608	0
2049	3,695	0
2050	3,738	0
2051	3,760	0
2052	3,781	0
2053	3,801	0
2054	3,822	0
2055	3,842	0
2056	3,861	0
2057	3,880	0
2058	3,888	0
2059	3,895	0
2060	3,902	0

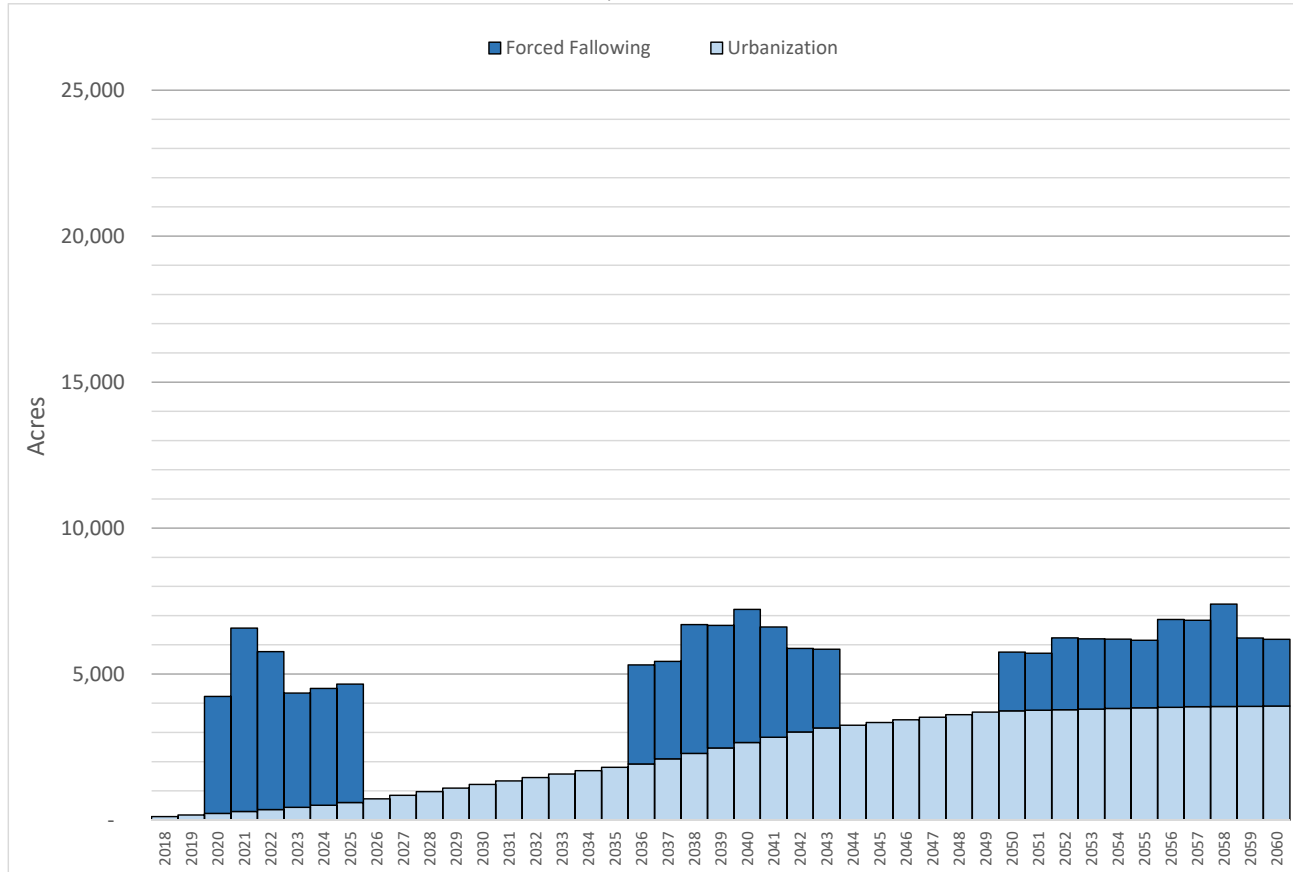
Central Arizona Project Service Area Model

Reduction in Agricultural Acres

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.



CAIDD

Date	Reduction in Ag Acres	
	Urbanization	Forced Following
2018	116	0
2019	171	0
2020	231	4,003
2021	292	6,278
2022	362	5,405
2023	435	3,910
2024	508	3,996
2025	599	4,056
2026	724	0
2027	849	0
2028	973	0
2029	1,096	0
2030	1,219	0
2031	1,338	0
2032	1,458	0
2033	1,575	0
2034	1,692	0
2035	1,808	0
2036	1,922	3,392
2037	2,096	3,337
2038	2,285	4,409
2039	2,471	4,194
2040	2,655	4,559
2041	2,838	3,772
2042	3,018	2,858
2043	3,155	2,695
2044	3,248	0
2045	3,340	0
2046	3,431	0
2047	3,520	0
2048	3,608	0
2049	3,695	0
2050	3,738	2,010
2051	3,760	1,951
2052	3,781	2,456
2053	3,801	2,405
2054	3,822	2,373
2055	3,842	2,316
2056	3,861	3,006
2057	3,880	2,959
2058	3,888	3,503
2059	3,895	2,336
2060	3,902	2,285

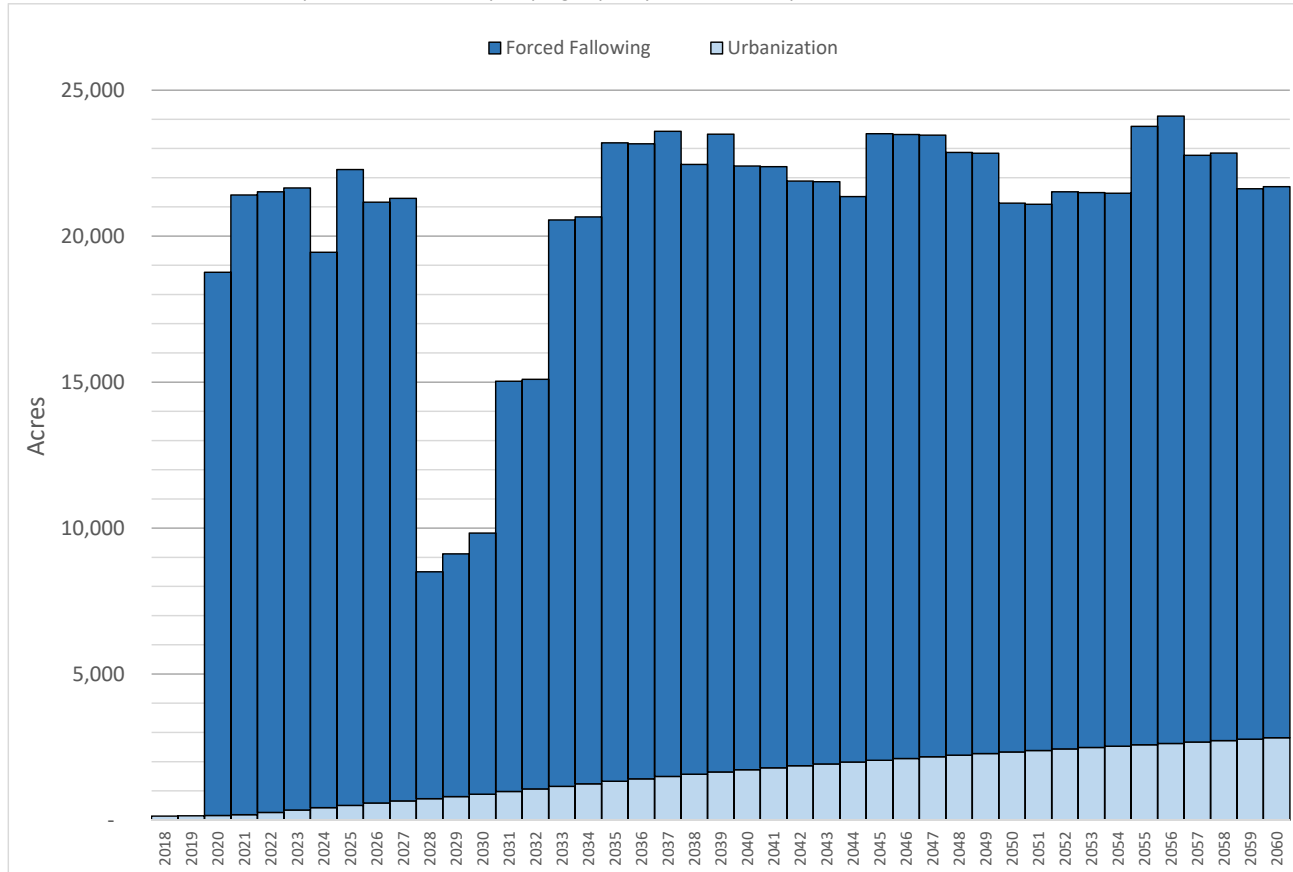
Central Arizona Project Service Area Model

Reduction in Agricultural Acres

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.

CAIDD



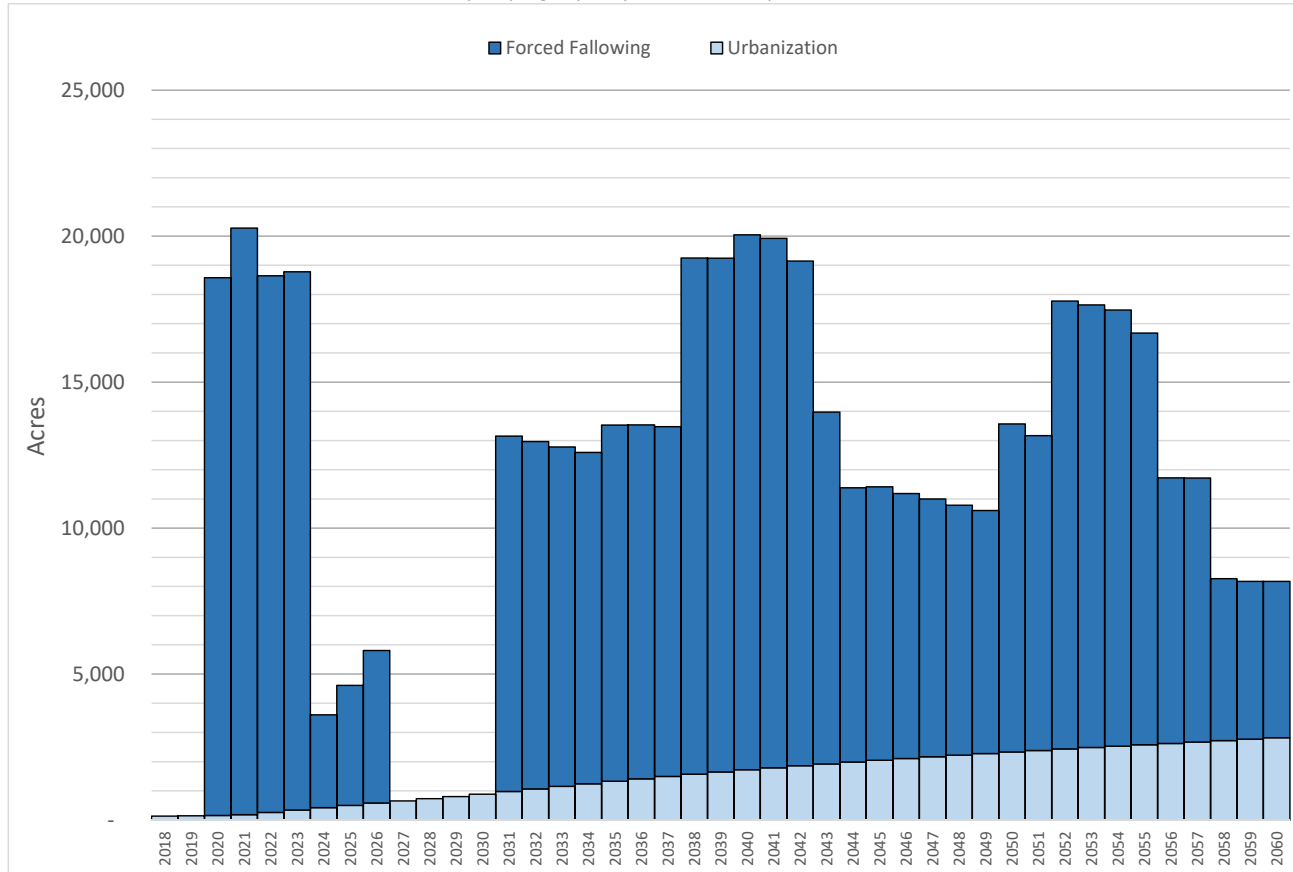
Date	Reduction in Ag Acres	
	Urbanization	Forced Following
2018	135	0
2019	147	0
2020	158	18,604
2021	183	21,226
2022	263	21,254
2023	345	21,305
2024	426	19,022
2025	505	21,774
2026	582	20,580
2027	657	20,638
2028	731	7,777
2029	803	8,317
2030	884	8,949
2031	977	14,055
2032	1,068	14,027
2033	1,157	19,398
2034	1,243	19,413
2035	1,328	21,864
2036	1,411	21,752
2037	1,491	22,096
2038	1,570	20,884
2039	1,647	21,843
2040	1,721	20,675
2041	1,792	20,585
2042	1,858	20,025
2043	1,923	19,937
2044	1,986	19,366
2045	2,048	21,458
2046	2,107	21,372
2047	2,166	21,288
2048	2,222	20,642
2049	2,277	20,562
2050	2,331	18,797
2051	2,383	18,706
2052	2,433	19,083
2053	2,483	19,004
2054	2,530	18,939
2055	2,577	21,179
2056	2,621	21,487
2057	2,673	20,091
2058	2,723	20,119
2059	2,772	18,847
2060	2,819	18,874

Central Arizona Project Service Area Model

Reduction in Agricultural Acres

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.



CAIDD

Date	Reduction in Ag Acres	
	Urbanization	Forced Following
2018	135	0
2019	147	0
2020	158	18,418
2021	183	20,092
2022	263	18,378
2023	345	18,433
2024	426	3,178
2025	505	4,107
2026	582	5,225
2027	657	0
2028	731	0
2029	803	0
2030	884	0
2031	977	12,173
2032	1,068	11,896
2033	1,157	11,620
2034	1,243	11,347
2035	1,328	12,202
2036	1,411	12,123
2037	1,491	11,982
2038	1,570	17,678
2039	1,647	17,599
2040	1,721	18,322
2041	1,792	18,131
2042	1,858	17,285
2043	1,923	12,051
2044	1,986	9,396
2045	2,048	9,367
2046	2,107	9,078
2047	2,166	8,832
2048	2,222	8,563
2049	2,277	8,327
2050	2,331	11,238
2051	2,383	10,783
2052	2,433	15,342
2053	2,483	15,161
2054	2,530	14,940
2055	2,577	14,100
2056	2,621	9,101
2057	2,673	9,044
2058	2,723	5,540
2059	2,772	5,399
2060	2,819	5,351