

Projected Water Growth

Assumptions:

Raw Water Consumption	=	350 af/year fixed
Water Loss	=	350 gpm fixed
Anticipated Growth	=	2%

Year	Water Production (AF)			Raw Water	Water Loss	TOTAL wtr - wtrLoss	% diff	Total Projected Water needs
	Snowball	Hatcher	San Juan					
2013		841.28	358.11	350	564.55	984.84		
2016		1,127.25	0.00	350	564.55	912.69		
2015		570.17	1,132.37	350	564.55	1,487.99		
2016		117.98	1,186.79	350	564.55	1,090.22		
2017		650.31	1,380.89	350	564.55	1,862.80		
2018		636.07	1,001.14	350	564.55	1,889.21	1.40%	
2019		663.40	1,229.93	350	564.55	1,828.00	-3.35%	
2020		630.57	1,245.57	350	564.55	1,876.36	2.58%	
2021		556.42	1,262.30	350	564.55	1,930.10	2.78%	
2022						1,968.70	1.96%	2,668.70
2023						2,008.07	1.96%	2,708.07
2024						2,048.24	1.96%	2,748.24
2025						2,089.20	1.96%	2,789.20
2026						2,130.99	1.96%	2,830.99
2027						2,173.60	1.96%	2,873.60
2028						2,217.08	1.96%	2,917.08
2029						2,261.42	1.96%	2,961.42
2030						2,306.65	1.96%	3,006.65
2031						2,352.78	1.96%	3,052.78
2032						2,399.84	1.96%	3,099.84
2033						2,447.83	1.96%	3,147.83
2034						2,496.79	1.96%	3,196.79
2035						2,546.72	1.96%	3,246.72
2036						2,597.66	1.96%	3,297.66

2037	2,649.61	1.96%	3,349.61
2038	2,702.60	1.96%	3,402.60
2039	2,756.66	1.96%	3,456.66
2040	2,811.79	1.96%	3,511.79
2041	2,868.03	1.96%	3,568.03
2042	2,925.39	1.96%	3,625.39
2043	2,983.89	1.96%	3,683.89
2044	3,043.57	1.96%	3,743.57
2045	3,104.44	1.96%	3,804.44
2046	3,166.53	1.96%	3,866.53
2047	3,229.86	1.96%	3,929.86
2048	3,294.46	1.96%	3,994.46
2049	3,360.35	1.96%	4,060.35
2050	3,427.56	1.96%	4,127.56

	Current (2020)	2050 Projections		
		Low (1.7%)	Medium (2.6%)	High (5% for ten years, 2% after)
Population	10,025	16,623	21,652	24,979
GPCD	226	226	226	226
Demand	2,536 AF	4,208 AF	5,481 AF	6,323 AF