

**Table 4.19
Water Balance for CSSA
Using Precipitation Minimum, Maximum, and Normals**

	CSSA				
	Acreage	4004	(Inches)	(Acre-feet)	%
1971-2000 Precipitation Normals	Inflow	Precipitation			
		-1971-2000 Normal (Boerne, TX)	37.36	12,465.79	
	Outflow	67% Evapotranspiration (ET)	25.03	8,352.08	67.0%
		Runoff (ET-R)	10.83	3,615.08	29.0%
4% Recharge (R)		1.49	498.63	4.0%	
		37.36	12,465.79	100.0%	
Groundwater Discharge (with respect to Recharge)	Discharge		1.49	498.63	
		-CSSA Wells (20 year average)	0.18	60.42	12.1%
		-Springs/Seeps (Estimated)	0.003	1.00	0.2%
		-Aquifer Storage/Outflow	1.31	437.21	87.7%

	CSSA				
	Acreage	4004	(Inches)	(Acre-feet)	%
Below-Average Precipitation	Inflow	Precipitation			
		-1999 (CS-16 Weather Station)	16.99	5,669.00	
	Outflow	67% Evapotranspiration (ET)	11.38	3,798.23	67.0%
		Runoff (ET-R)	4.93	1,644.01	29.0%
4% Recharge (R)		0.68	226.76	4.0%	
		16.99	5,669.00	100.0%	
Groundwater Discharge (with respect to Recharge)	Discharge		0.68	226.76	
		-CSSA Wells (20 year average)	0.18	60.42	26.6%
		-Springs/Seeps (Estimated)	0.001	0.45	0.2%
		-Aquifer Storage/Outflow	0.50	165.89	73.2%

	CSSA				
	Acreage	4004	(Inches)	(Acre-feet)	%
Above-Average Precipitation	Inflow	Precipitation			
		-2002 (CS-16 Weather Station)	51.87	17,307.29	
	Outflow	67% Evapotranspiration (ET)	34.75	11,595.88	67.0%
		Runoff (ET-R)	15.04	5,019.11	29.0%
4% Recharge (R)		2.07	692.29	4.0%	
		51.87	17,307.29	100.0%	
Groundwater Discharge (with respect to Recharge)	Discharge		2.07	692.29	
		-CSSA Wells (20 year average)	0.18	60.42	8.7%
		-Springs/Seeps (Estimated)	0.004	1.39	0.2%
		-Aquifer Storage/Outflow	1.89	630.49	91.1%