

Table 4.20
Water Balance for Conceptual Site Model Area
Using Precipitation Minimum, Maximum, and Normals

Conceptual Site Model Area					
Acreage	13358.8	(Inches)	(Acre-feet)	%	
1971-2000 Precipitation Normals	Inflow	Precipitation			
		-1971-2000 Normal (Boerne, TX)	37.36	41,590.27	
	Outflow	67% Evapotranspiration (ET)	25.03	27,865.48	67.0%
		Runoff (ET-R)	10.83	12,061.18	29.0%
4% Recharge (R)		1.49	1,663.61	4.0%	
		37.36	41,590.27	100.0%	
Groundwater Discharge <i>(with respect to Recharge)</i>	Discharge	-Groundwater Withdrawal	1.49	1,663.61	
		-Springs/Seeps (Estimated)	0.64	717	43.1%
		-Aquifer Storage/Outflow	0.003	3.0	0.2%
			0.85	944	56.7%

Conceptual Site Model Area					
Acreage	13358.8	(Inches)	(Acre-feet)	%	
Below-Average Precipitation	Inflow	Precipitation			
		-1999 (CS-16 Weather Station)	16.99	18,913.77	
	Outflow	67% Evapotranspiration (ET)	11.38	12,672.23	67.0%
		Runoff (ET-R)	4.93	5,484.99	29.0%
4% Recharge (R)		0.68	756.55	4.0%	
		16.99	18,913.77	100.0%	
Groundwater Discharge <i>(with respect to Recharge)</i>	Discharge	-Groundwater Withdrawal	0.68	756.55	
		-Springs/Seeps (Estimated)	0.64	717	94.7%
		-Aquifer Storage/Outflow	0.001	1.36	0.2%
			0.03	38.63	5.1%

Conceptual Site Model Area					
Acreage	13358.8	(Inches)	(Acre-feet)	%	
Above-Average Precipitation	Inflow	Precipitation			
		-2002 (CS-16 Weather Station)	51.87	57,743.23	
	Outflow	67% Evapotranspiration (ET)	34.75	38,687.97	67.0%
		Runoff (ET-R)	15.04	16,745.54	29.0%
4% Recharge (R)		2.07	2,309.73	4.0%	
		51.87	57,743.23	100.0%	
Groundwater Discharge <i>(with respect to Recharge)</i>	Discharge	-Groundwater Withdrawal	2.07	2,309.73	
		-Springs/Seeps (Estimated)	0.64	717	31.0%
		-Aquifer Storage/Outflow	0.004	4.2	0.2%
			1.43	1,589	68.8%