

**Table 3-1**  
**Comparison of CS-MW16-LGR Weather Station Precipitation and Average Overall Groundwater Elevation Change**

Quarterly Report (Month, year)	Total Quarterly precipitation (inches)	Average GW elevation Change* (feet)	CS-MW16-LGR GW Elevation Change* (feet)	Average GW Elevation in each Formation (ft/MSL)			Approximate gradient (ft/ft)	Approximate gradient flow direction
				Lower Glen Rose	Bexar Shale	Cow Creek		
September-99	7.52	-188.4	-136.82	979.80	--	--	0.007	Southwest
December-99	2.84	-4.9	-8.13	973.10	--	--	0.004	Southwest
March-00	3.58	-9.3	-1.28	970.94	--	--	0.009	South-southeast
June-00	11.1	11.77	0.29	976.27	--	--	0.006	Southeast
September-00	1.96	-6.34	-13.28	967.03	--	--	0.006	Southeast
December-00	14.48	122.99	142.19	1118.59	--	--	0.005	South-southeast
March-01	10.13	53.19	48.07	1157.20	--	--	0.0125	Southeast
June-01	6.58	-47.5	-48.04	1104.00	1106.85	1093.89	0.007	Southeast
September-01	14.73	23.96	13.44	1140.55	1098.18	1095.75	0.0067	Southeast
December-01	10.16	15.46	28.21	1149.68	1131.36	1125.63	0.0092	Southeast
March-02	2.25	-70.97	-74.03	1077.91	1064.46	1059.27	0.0086	Southeast
June-02	4.46	-48.29	-53.41	1030.51	1022.51	994.02	0.0137	South-southeast
September-02	30.98	104.5	113.27	1130.87	1129.21	1098.34	0.017	South-southeast
December-02	12.91	19.48	33.89	1143.98	1148.26	1133.11	0.0061	South-southeast
March-03	6.22	-8.47	-10.11	1135.18	1140.52	1122.95	0.012	South-southeast
June-03	4.67	-41.08	-37.1	1097.87	1095.36	1069.02	0.0022	South-southwest

\* Change since previous quarter.