

Table 9-17 -- Continued

Model (HUC8)	HSPF Model Reach	Calibration Gauge	USGS Data Quality Water Year 2009*	Observed Mean Monthly (cfs)	Simulated Mean Monthly (cfs)	Monthly Percent Bias (%)	Monthly Nash-Sutcliffe
03110205	26	02323500	fair	8157	8485	-4	0.76
	29	02323592	fair	7407	7568	-2	0.74
03110206	7	02320700		32	32	-1	0.32
				Diversions occur at high stages to Lockloosa Creek that are not represented in the HSPF model. At high stages, HSPF simulated higher flows than the observations.			
	11	02321000	fair	136	115	15	0.73
	15	02321500	good	325	299	8	0.79
	17	02321975		772	784	-1	0.74
	18	02322500	fair	1170	1138	3	0.75
	5	02322700	poor	298	297	1	0.60
	21	02322800	fair	1510	1681	-11	0.69
03120001	5	02326900	poor	698	684	2	0.68
	26	02327022	poor	635	588	7	0.06
				Records affected by tide. HSPF should match monthly and longer frequency as indicated by the good match on percent bias. Suspect problems with the precipitation data from 1998 to 2005. Because of good matches outside that time period, recharge estimates are still good. Just model to observation statistics are poor.			
	8	02327033		117	66	44	0.25
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03120002	23	02327355		186	180	3	0.94
	27	02327500	fair	525	519	1	0.91