

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
03100207	9	02310700	poor	202	88	57	-2.70
				Affected by tide.			
	3	02310747	fair	463	34	93	-4.13
				Affected by tide.			
03100208	22	02311500	fair	154	152	1	0.57
	26	02312000	fair	238	214	10	0.63
	9	02312180	fair	39	22	43	0.45
	19	02312200	fair	61	46	24	0.59
	28	02312500	fair	300	282	6	0.68
	32	02312600	fair	300	312	-4	0.56
	6	02312640	fair	11	10	12	0.38
				Flow affected by mining operation upstream that is not represented in the HSPF model. The monthly percent bias is within allowable range, but the low Nash-Sutcliffe indicated poor match in timing caused by the mining operations. Expect little impact on the estimation of yearly recharge.			
	14	02312645		9	13	-45	-4.49
	23	02312700	fair	127	113	11	0.45
				Flow affected at times by backwater from Withlacoochee River. Expect little impact on the estimation of yearly recharge.			
	36	02312720	fair	455	488	-7	0.57
37	02312722	poor	260	372	-43	-1.05	
41	02313000	fair	646	659	-2	0.65	