

Table 5.--Chemical analyses of water from streams in Sumter County

(Station numbers correspond to those on figure 5)

Number	Stream name or well name	Date of collection	Water- bearing unit	Stream discharge (mgd) or well depth (feet)	Milligrams per liter													Hardness as CaCO <sub>3</sub>		Specific conductance (micromhos at 25° C)	pH	Temperature		
					Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magne- sium (Mg)	Sodium (Na)	Potas- sium (K)	Bicar- bonate (HCO <sub>3</sub> )	Car- bonate (CO <sub>3</sub> )	Sulfate (SO <sub>4</sub> )	Chloride (Cl)	Fluoride (F)	Nitrate (NO <sub>3</sub> )	Dissolved solids	Calcium, magnesium	Non- car- bon- ate			°C	°F	
02448500	Noxubee River near Geiger.	11/17/66		45.2							84	0		7.4				75	6	179	7.5	16	60	
		12-27-66		776								64	0		5.6				60	8	139	7.0	8	46
		2- 8-67		672								94	0		11				102	25	237	7.3	6	43
		3-22-67		167								78	0		6.8				78	14	188	7.5	17	63
		4- 4-67		210								80	0		7.2				82	16	206	8.0	21	70
		5-10-67		232								84	0		6.0				52	0	188	8.2	22	71
		6-15-67		104								91	0		4.2				76	1	183	7.2	30	86
		7-20-67		198								71	0		2.8				64	6	155	7.0	26	78
		9- 1-67		176								114	0		5.6				102	9	241	7.6	--	--
		10-18-67		48.5								119	0		5.2				104	6	234	8.1	18	65
		10-26-67		76.3								72	0		5.0				68	9	158	7.1	14	57
02448900	Bodka Creek near Bodka.	2- 9-67		116							64	0		4.4				62	10	136	7.0	4	40	
		4- 4-67		7.0								136	0		10				120	8	272	8.2	21	69
		10-26-67		4.7								208	0		10				72	0	398	8.2	13	55
02449000	Tombigbee River at Gainesville.	11-17-66		1,880							36	0		8.2				38	8	107	7.2	15	59	
		12-27-66		2,370								32	0		5.2				38	12	93	6.9	8	46
		2- 8-67		4,460								54	0		6.8				58	14	132	6.8	6	42
		3-22-67		2,730								40	0		5.2				42	9	110	7.1	15	59
		4- 4-67		2,990								48	0		5.8				48	9	126	7.1	22	71