Table 2.--Herbicide concentrations at sampling sites

Date	Time (h)	Streamflow, instantaneous (ft^3/s)	Temperature (°C)	2,4-D, total in water (µg/L)	2,4-D, total in bottom material (µg/kg)	2,4,5-T total in water (µg/L)	2,4,5-T, total in bottom material (µg/kg)	Silvex, total in water (µg/L)	Silvex, total in bottom material (µg/kg)	2,4-DP, total in water (µg/L)	2,4-DP, total in bottom material (µg/kg)	Dicamba, total in water (µg/L)	Dicamba, total in bottom material (µg/kg)	Picloram, total in water (µg/L)	Picloram, total in bottom material (µg/kg)
06235500 Little Wind River near Riverton, Wyo. (lat 42°59'51", long 108°22'29")															
1978															
June 1	1300	1610	10.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.01	0.0
Nov. 2	0800	273	3.5	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0	.01	.0
06320200 Clear Creek below Rock Creek near Buffalo, Wyo. (lat 44°21'44", long 106°39'13")															
1978															
May 15	1630	497	13.0	0.11	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0
July 24	1730	136	20.5	.05	.0	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0
Aug. 21	1710	65	20.0	.00	.0	.00	.0	.00	.0	.00	.0	.01	1.8	.01	.0
Sept.18	1630	100	13.0	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0
06323500 Piney Creek at Ucross, Wyo. (lat 44°33'45", long 106°32'25")															
1978															
May 15	1430	372	13.0	0.08	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.12	0.0
July 24	1620	144	22.0	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0	.03	.0
Aug. 21	1500	158	20.0	.00	.0	.00	.0	.00	.0	.00	.0	.00	1.5	.00	.0
Sept.18	1500	44	14.0	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0
06324000 Clear Creek near Arvada, Wyo. (lat 44°52'18", long 106°04'56")															
1978															
May 12	1330	573	9.0	0.15	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.06	0.0
July 21	1330	207	16.5	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0	.14	.0
Aug. 18	1320	210	17.0	.05	.0	.00	.0	.00	.0	.00	.0	.01	.0	.06	.0
Sept.15	1230	122	15.0	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0
06394000 Beaver Creek near Newcastle, Wyo. (lat 43°32'07", long 104°07'02")															
1978															
May 10	1700	683	10.5	0.17	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0
Sept.13	1610	8.0	16.0	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0
06426500 Belle Fourche River below Moorcroft, Wyo. (lat 44°17'45", long 104°58'35")															
1978															
May 11	1400	825	12.0	0.59	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.01	0.0
July 20	1450	15	21.0	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0
Aug. 17	1330	28	18.0	.02	.0	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0
Sept.14	1510	8.7	15.0	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0