

Grain size of suspended sediment and associated bedload at sections 1-6 of the Niger River in 1978-79

Крупность взвешенных и донных наносов на р. Нигер в створах 1-6 в 1978-79 гг.

Дата	створ	тип наносов	крупность grain size											скорость м/с	глубина м	средний диаметр донных отложений	мутность кг/м3	
			>10	10_5	5_2	2_1	1_0.5	0.5_0.25	0.25_0.1	0.1_0.05	0.05_0.01	0.01_0.005	0.005_0.001					<0.001
date	section	type of sediment	>10	10_5	5_2	2_1	1_0.5	0.5_0.25	0.25_0.1	0.1_0.05	0.05_0.01	0.01_0.005	0.005_0.001	<0.001	U m/s	d m	D mm	C kg/m3
21.08.1978	6	bedload	0.6	2	10.1	26	24.9	29.1	5.6	1.1	0.2	0.02	0.02	0.04	0.98	5.5	1.41	0.159
		suspended								7.2	52.9	10.1	13.8	16				
23.08.1978	3	bedload	0.5	1.1	5.7	23.4	28.2	34.2	4.8	1.5	0.4	0.1	0.2		0.97	5.7	1.3	0.146
		suspended							2.7	5.4	46.5	33	26.4	15.7				
09.09.1978	3	bedload	0.2	0.3	6	28.9	28.8	28.7	4.6	1.4	0.4	0.1	0.2		1.03	7.9	1.41	0.119
		suspended							6.2	51.6	6.6	5.8	29.8					
21.09.1978	levelpost_mean	bedload	0.2	0.4	5.5	40.4	30.1	19.5	2.5	1	0.2	0.1	0.1		1.45	9.6	1.2	0.09
		suspended						3	8	9	42.6	9.4	14.2	13.8				
	surface	suspended								1.4	43.1	32.6	11.9	11.8				0.057
	0.2d	suspended								2.6	58.6	3	21.4	16.2				0.07
	0.6d	suspended						5.3	16	3.8	37.5	5.5	14.9	17				0.075
	0.8d	suspended						8.6	15.1	32	19.7	5	8.6	11				0.146
	bed	suspended				27.4	24.2	27.5	7.7	3.2	5.2	2.1	1.5	1.2				1.065
28.09.1978	1	bedload	0.3	1	5.8	19	23.5	34.8	12.4	2.5	0.4	0.1	0.2	0.1	1.11	8.1	1	0.173
		suspended				2.5	2.4	3.6	1.1	45.4	31.6	2	1.5	9.9				
09.10.1978	6	bedload													1.2	7.9		0.129
		suspended				4.9	10.9	3.3	34.1	33.2	10.9	0.8	1.8					
25.10.1978	1	bedload													1.03	6.6		0.119
		suspended						9.1		24	57.3	0.4	6.9	2.3				
26.10.1978	3right	bedload	0.3	1.8	11.4	30.4	19.2	25.1	10.4	0.8	0.1							0.144
		suspended							22.5	19.1	42.3	7.6	5.9	2.2				
	3left	bedload	0.2	0.9	2.6	10.1	27.1	52.1	4.2	2	0.3							0.141
		suspended							4.8	35.9	44	33	8.6	3.4				
04.11.1978	levelpost	bedload	0.6	1.4	10.3	27.1	30.6	24.5	3.1	1.8	0.6				0.98	8	1.6	0.091
		suspended						1.5	5.5	5.9	26.7	17.3	19.4	23.7				

10.11.1978	3	bedload	0.13	1.4	6.4	18.2	20.5	40.8	10.2	1.7	0.5				0.85	5.7	0.95	0.134
		suspended								15.5	57.5	9	14.5	3.5				
21.11.1978	levelpost	bedload	0.5	5.3	19	27	29.5	16.6	1.2	0.3	0.05	0.05			0.8	4.2	1.05	0.059
		suspended							0.5	1.3	18.3	12.3	29.8	50.4				
30.11.1878	3	bedload	0.1	0.8	5.5	19.2	16.9	27.8	16.6	5	3.5	1	1.6	1.4	0.72	3	0.39	0.047
		suspended							2.9	10	54.3	12.8	7.2	12.8				
09.01.1979	3	bedload													0.6	2.6		0.033
		suspended								12.6	40	7.4	22.5	17.5				
30.01.1979	levelpost 0.5d	bedload				3	15.3	24.4	49.1	18.2					0.72	2.6	0.21	0.041
		suspended								9.7	18.6	13.2	18.9	39.6				
	levelpost bed	bedload				3	15.3	24.4	49.1	18.2								
		suspended					18.8	62.8	13	2.6	1	1.4	0.4					2.31