

WATER QUALITY DATA

QUALITY of WATER at Sites in Main Channel of Pool 5 of the Mississippi River near Buffalo, WI

SUSPENDED-SEDIMENT AND BOTTOM MATERIAL DATA

REMARKS.-- Suspended-sediment and bottom material samples were collected at five verticals or points in a river cross-section. Results listed are aggregates of discrete results for each vertical.

05375700 - MISSISSIPPI RIVER AT MILE 746 NEAR BUFFALO, WI

SUSPENDED-SEDIMENT CONCENTRATIONS and
PARTICLE-SIZE DISTRIBUTION OF SUSPENDED SEDIMENT, JUNE - JULY, 2005

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT SUS- SPENDED MG/L (80154)	SED. SUSP. SIEVE DIAM. % FINER THAN .063 MM (70331)	SED. SUSP. SIEVE DIAM. % FINER THAN .125 MM (70332)	SED. SUSP. SIEVE DIAM. % FINER THAN .212 MM (69327)	SED. SUSP. SIEVE DIAM. % FINER THAN .500 MM (70335)	SED. SUSP. SIEVE DIAM. % FINER THAN .750 MM (69322)
JUN 01	1100	28,300	9.6	98	99	100	--	--
JUN 09	1040	29,600	460	99	100	--	--	--
JUL 06	1205	26,000	12	92	93	94	100	--
JUL 13	1130	21,600	9.3	98	99	99	100	--

PARTICLE-SIZE DISTRIBUTION OF BED-MATERIAL SEDIMENT, JUNE - JULY, 2005

DATE	TIME	BED MAT. SIEVE DIAM. % FINER THAN .063 MM (80164)	BED MAT. SIEVE DIAM. % FINER THAN .125 MM (80165)	BED MAT. SIEVE DIAM. % FINER THAN .212 MM (69072)	BED MAT. SIEVE DIAM. % FINER THAN .500 MM (80167)	BED MAT. SIEVE DIAM. % FINER THAN 1.18 MM (69067)	BED MAT. SIEVE DIAM. % FINER THAN 2.00 MM (80169)
JUN 01	1100	0.0	0.1	1.1	48	90	96
JUN 09	1040	0.0	0.1	1.0	55	97	100
JUL 06	1205	0.0	0.6	4.3	62	95	100
JUN 13	1130	0.0	0.1	1.0	41	89	100

QUALITY of WATER at Sites in Main Channel of Pool 5 of the Mississippi River near Buffalo, WI--Continued

SUSPENDED-SEDIMENT AND BOTTOM MATERIAL DATA

05375850 - MISSISSIPPI RIVER AT MILE 744.8 NEAR BUFFALO, WI

SUSPENDED-SEDIMENT CONCENTRATIONS and
PARTICLE-SIZE DISTRIBUTION OF SUSPENDED SEDIMENT, JUNE - JULY, 2005

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT SUS- SPENDED MG/L (80154)	SED. SUSP. SIEVE DIAM. % FINER THAN .063 MM (70331)	SED. SUSP. SIEVE DIAM. % FINER THAN .125 MM (70332)	SED. SUSP. SIEVE DIAM. % FINER THAN .212 MM (69327)	SED. SUSP. SIEVE DIAM. % FINER THAN .500 MM (70335)	SED. SUSP. SIEVE DIAM. % FINER THAN .750 MM (69322)
JUN 01	1310	20,400	9.6	97	98	99	100	--
JUN 09	1230	21,300	445	99	100	--	--	--
JUL 06	1015	20,600	15	84	85	87	92	100
JUL 13	1415	17,600	8.9	98	98	99	100	--

PARTICLE-SIZE DISTRIBUTION OF BED-MATERIAL SEDIMENT, JUNE - JULY, 2005

DATE	TIME	BED MAT. SIEVE DIAM. % FINER THAN .063 MM (80164)	BED MAT. SIEVE DIAM. % FINER THAN .125 MM (80165)	BED MAT. SIEVE DIAM. % FINER THAN .212 MM (69072)	BED MAT. SIEVE DIAM. % FINER THAN .500 MM (80167)	BED MAT. SIEVE DIAM. % FINER THAN 1.18 MM (69067)	BED MAT. SIEVE DIAM. % FINER THAN 2.00 MM (80169)
JUN 01	1310	0.0	0.2	5.1	69	98	100
JUN 09	1230	0.0	0.2	3.6	63	98	100
JUL 06	1015	0.0	0.2	3.7	66	98	100
JUN 13	1415	0.0	0.0	2.0	59	97	100