Table A7. Site characteristics for streams sampled during the Mississippi River mainstem synoptic study

[mi^2, square mile; Hwy, Highway; Minn., Minnesota]

Map identifier	Site identifier	Site name	Latitude	Longitude	County	Dominant surficial geology	Dominant glacial deposit composition	Land use (percent[1])						Drainage area (mi^2)
								Urban	Agriculture	Forest	Water	Wetland	Other	
1	05200020	Mississippi River at Hwy 200 near Lake Itasca, Minn.	47°15’12”	095°13’35”	Clearwater	Outwash-Alluvium	Calcareous	0.1	0	87	10	2.4	0	31.6
2	05200510	Mississippi River near Bemidji, Minn.	47°29’00”	094°43’40”	Beltrami	Outwash-Alluvium	Calcareous	1.1	17	67	5.9	8.8	0.2	664
3	05200940	Mississippi River near Pennington, Minn.	47°26’39”	094°25’31”	Beltrami	Outwash-Alluvium	Calcareous	0.8	14	65	11	9.1	0.6	1130
4	05201550	Mississippi River at Hwy 2 near Ball Club, Minn.	47°19’30”	093°57’35”	Cass	Till plain-Moraine	Calcareous	0.6	10	62	14	11	0.8	1540
5	05210000	Mississippi River at Days High Landing near Deer River, Minn.	47°15’10”	093°48’00”	Cass	Till plain-Moraine	Calcareous	0.4	8.7	61	17	12	0.8	2880
6	05211000	Mississippi River at Grand Rapids, Minn.	47°13’56”	093°31’48”	Itasca	Till plain-Moraine	Calcareous	0.4	8.8	60	16	14	0.8	3320
7	05213500	Mississippi River near Blackberry, Minn.	47°10’24”	093°24’47”	Itasca	Till plain-Moraine	Calcareous	0.5	8.3	61	15	14	1.0	3860
8	05217600	Mississippi River at Jacobson, Minn.	47°00’05”	093°16’06”	Aitkin	Till plain-Moraine	Calcareous	0.5	8.2	60	14	15	2.1	4270
9	05220600	Mississippi River at Palisade, Minn.	46°34’04”	093°28’03”	Aitkin	Till plain-Moraine	Calcareous	0.5	8.8	58	13	18	1.9	4840
10	05221060	Mississippi River at Hwy 169 near Hassman, Minn.	46°39’04”	093°36’45”	Aitkin	Till plain-Moraine	Calcareous	0.4	8.6	57	12	21	1.7	5384
11	05227500	Mississippi River at Aitkin, Minn.	46°32’26”	093°42’26”	Aitkin	Till plain-Moraine	Calcareous	0.4	9.6	56	11	21	1.6	5880
12	05242300	Mississippi River at Brainerd, Minn.	46°22’40”	094°10’59”	Crow Wing	Till plain-Moraine	Calcareous	0.4	10	57	11	20	1.4	7090
13	05261000	Mississippi River near Fort Ripley, Minn.	46°10’50”	094°21’56”	Crow Wing	Till plain-Moraine	Calcareous	0.5	23	50	9.0	17	1.0	10900
15	05267000	Mississippi River near Royalton, Minn.	45°51’40”	094°21’30”	Morrison	Till plain-Moraine	Calcareous	0.6	25	49	8.6	16	0.9	11600
19	05270700	Mississippi River at St. Cloud, Minn.	45°32’50”	094°08’44”	Stearns	Till plain-Moraine	Calcareous	0.7	33	44	7.8	14	0.8	13600
27	05283500	Mississippi River at Anoka, Minn.	45°11’30”	093°23’40”	Anoka	Till plain-Moraine	Calcareous	1.0	44	35	7.1	12	0.7	17500

Table A7. Site characteristics for streams sampled during the Mississippi River mainstem synoptic study--Continued

[mi^2, square mile; Hwy, Highway; Minn., Minnesota]

Map identifier	Site identifier	Site name	Latitude	Longitude	County	Dominant surficial geology	Dominant glacial deposit composition	Land use (percent[1])						Drainage area (mi^2)
								Urban	Agriculture	Forest	Water	Wetland	Other	
33	05288500	Mississippi River near Anoka, Minn.	45°07’36”	093°17’48”	Hennepin	Till plain-Moraine	Calcareous	1.1	44	34	7.6	12	0.7	19200
77	05331580	Mississippi River below Lock & Dam #2 at Hastings, Minn.	44°44’48”	092°51’08”	Dakota	Till plain-Moraine	Calcareous	2.5	66	18	5.2	7.1	0.4	37000
108	05355250	Mississippi River at Red Wing, Minn.	44°36’36”	092°36’36”	Goodhue	Till plain-Moraine	Calcareous	2.3	62	22	4.8	7.8	0.4	46800

[1]Percentages associated with each site may not total 100 percent because of rounding.