

n order to make sound decisions concerning the future of Iowa rivers and streams, it is important to understand how the rivers and streams are used, as well as what factors influence your selection of rivers and streams to visit. The answers you give to the questions in this survey may be important in determining where investments may be made to protect, develop or restore rivers and streams. Even if you have not visited any rivers and streams in Iowa, please complete and return the questionnaire. It is critical to understand the characteristics and views of both those who use and those who do not use the rivers and streams.

In this first section, we would like to find out which of the river or stream segments on the enclosed map you visited and what you did there. A "visit" includes not only those times you entered the stream or river itself (swimming, canoeing, fishing, etc.), but also the times you spent right next to the river or stream (hiking, bicycling, bird watching, etc.). The lands right next to the rivers and streams are often referred to as the river and stream "corridors."

If you have not visited any rivers or streams in Iowa this year please check this box and proceed to question 7 on page 9.

☐ I have not visited or plan to visit any rivers in Iowa this year.

- 1. Using the enclosed map, identify the river or stream segments (including the adjacent stream corridors) that you visited during 2009. Once you have identified these stream(s) please mark with an "X" on the map the location where you *most often access* a river or stream. An approximate location is adequate.
- 2. Next, please tell us about all of your river/stream visits during the entirety of 2009. On the following tables on pages 4-7, please record the number of visits you made, or plan to make in the remainder of the year, and place a checkmark in each of the appropriate boxes to indicate the activities you undertook or plan to undertake. (Please count as a "visit" any trip you took for the purpose of viewing or using the river. Also, if you go out of your way to bike, walk, etc. along the river, include that as a trip as well.)

Other picnicking watching Wildlife/ Relaxing, Please check all that apply Use of trails for hiking, biking, XC-skiing, etc. Swimming, tubing or playing in water مامامام П П П П П Canoeing kayaking Boating with motor, skiing water **Hunting or** trapping Fishing of trips in 2009 number \*Not including Rathburn Lake tributary label Major river or East Nishnabotna (below Red Oak) Mosquito Creek West Nishnabotna East Nishnabotna (above Red Oak) West Nodaway Grand (Thompson Fork) Chariton River\* East Fork Des (above Cherokee) Boyer (above Boyer (below (below Cherokee) Ocheyedan Denison) ittle Sioux Denison) ittle Sioux Keg Creek Big Sioux Moines Soldier Maple Grand Floyd Platte Rock segment 13 4 15 16 ₽ 10 12 17 18 19 20 7 2  $\alpha$ က 2 9 ω တ

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Other picnicking watching Wildlife/ bird Relaxing, Please check all that apply Use of trails for hiking, XC-skiing, biking, П П П П tubing or playing in Swimming, water Canoeing kayaking ō with motor, Boating skiing water **Hunting or** trapping Fishing number # of trips in 2009 Total Raccoon (below Redfield) tributary label Major river or Des Moines (Humboldt to Saylorville\*) Aiddle Raccoon South Raccoon **Nest Fork Des** Jorth Raccoon North Raccoon (Saylorville Dam to Red Rock\*) (Red Rock Dam to Cedar Creek (above Jefferson) izard Creek es Moines (above Redfield) **Des Moines** Ottumwa) **Des Moines** Ottumwa) (above Redfield) Moines (below Middle South North

30

31

32

33

34

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28 29

27

segment River

₽ 22 23

24

25

26

\*Not including Saylorville or Red Rock Lake (above Ames)

South Skunk

40

Big Cedar Creek

37 38 39

Jefferson)

(below

36

Webster City) Webster City)

Boone (above Boone (below

	Other																				
	Wildlife/ bird watching																				
	Wildlife/ Relaxing, bird picnicking watching																				
	Camping																_				
Please check all that apply	Use of trails for hiking, biking, XC-skiing, etc.																				
ease check	Swimming, tubing or playing in water																				
PI¢	Canoeing or kayaking																				
	Boating with motor, water skiing																				
	Hunting or trapping																				
	Fishing																				
	Total number of trips in 2009	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	ake
	River segment Major river or ID tributary label	South Skunk (Ames to junction with North Skunk)	North Skunk	Skunk	Big Cedar Creek	Iowa (above Marshalltown)	lowa (Marshalltown to Coralville*)	Iowa (below Coralville Dam)	English	Winnebago	Shell Rock	West Fork Cedar	Cedar (above Waterloo)	Cedar (Waterloo to Cedar Rapids)	Cedar (below Cedar Rapids)	Wapsipinicon (above Indepen- dence)	Wapsipinicon (below Indepen- dence)	Buffalo Creek	Maquoketa	North Fork Maquoketa	*Not including Coralville Lake
	River segment ID	41	42	43	44	45	46	47	48	49	20	51	52	53	54	55	56	22	58	29	*Not inclu

Other picnicking watching Wildlife/ bird Please check all that apply Use of trails for hiking, biking, XC-skiing, Swimming, tubing or playing in water Canoeing or kayaking Boating with motor, skiing water **Hunting or** trapping number of trips in 2009 Total Missouri (Sioux City to Council Bluffs) Mississippi (MacGregor to Dubuque) (Muscatine to Burlington) Mississippi (Burlington to Keokuk) tributary label Council Bluffs) Major river or Aississippi (Minnesota to Aissouri (below Mississippi (Dubuque to Clinton) Turkey (above MacGregor) Furkey (below stream or creek (county) (Clinton to Muscatine) (above Decorah) (below Decorah) Jpper Iowa Jpper Iowa **Aississippi Iississippi** Elkader) Elkader) /ellow /olga river (county) segment Other 63 65 99 69 20 72 73 ₽ 9 62 64 67 68 61 71

	half-day or less	□ 1 day	☐ 2 or more days
,	your typical visit, wha	at perentage o	f your time do you spend on the following
activ	Fishing Hunting or to Boating with Canoeing or Swimming, t	motor, water s kayaking ubing, or playi for hiking, biki nicking	
visit to w	ed this past year? In hat is most importan	particular, if y	SELECTING the rivers and/or streams you have you were given 100 points to distribute according g a river or stream to visit, how would you distrib
loca		ou do not ne	e important to you than another, you should al- ed to give points to all of the items, but remember
loca	te more points to it. Y the total needs to eq  Proximity to Water quality A convenient Available received	You do not need that 100.  home  I and habitat  I location to me reational activitalities (i.e., bath	
loca that	the total needs to equality  Proximity to Water quality A convenient Available rect Available faci Other (description)	home and habitat location to me reational activities (i.e., bath	eet friends/relatives les (i.e., kayaking, biking, etc.) lrooms, trails, boat ramps, etc.)

7. How do you decide whether to visit rivers and/or where to go? Rank how each of the following factors affect whether you visit rivers and streams and your decisions about which river or stream segment you use.

	Most negati	,			t positively ffecting
Straightened section of stream	1	2	3	4	5
A curving stream with numerous bends	1	2	3	4	5
Row Crop Agriculture visible along river banks (fields, pasture, etc.)	1	2	3	4	5
Livestock Agriculture visible along river banks (grazing, feedlots)					
Natural setting dominates river banks (forest, prairie, etc.)	1	2	3	4	5
Rock outcroppings	1	2	3	4	5
Mostly residential areas visible	1	2	3	4	5
Stream section with possible bacterial contamination	1	2	3	4	5
Stream section with possible sediment and nutrient contamination	1	2	3	4	5
Stream section with abundant algae	1	2	3	4	5
A stream with abundant game fish	1	2	3	4	5
A stream dominated by carp or other rough fish	1	2	3	4	5
Nearby urban areas with places to eat, drink, and shop	1	2	3	4	5
Nearby lodging	1	2	3	4	5
A stream section where water quality is safe for human contact	1	2	3	4	5
A flowing stream section where there is no need get around obstructions such as dams and fend		2	3	4	5

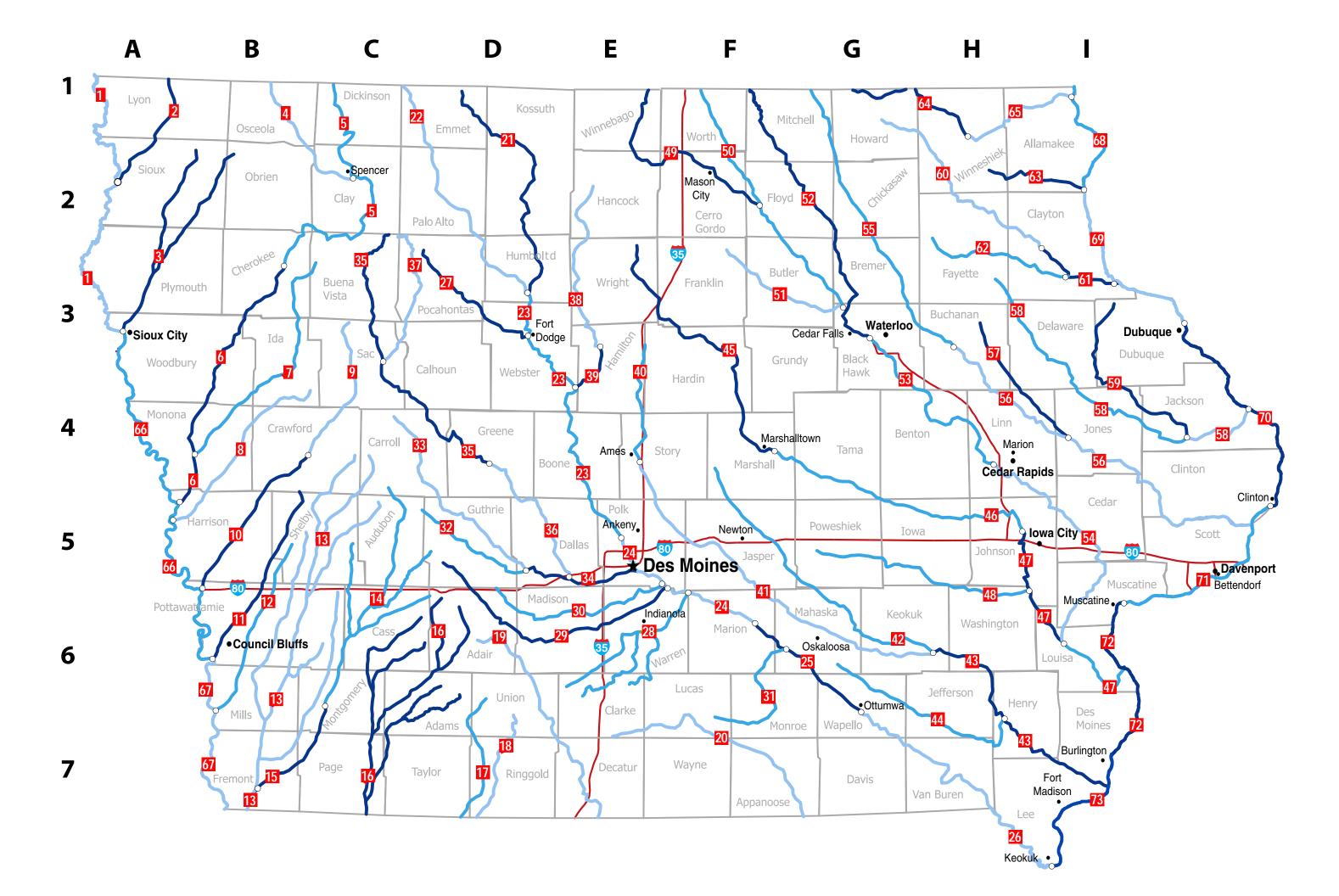
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	Most negati affecting	-			positively ffecting
A stream section where the river is muddy	1	2	3	4	5
A stream section where the river smells unpleas	sant 1	2	3	4	5
A stream with gently flowing water	1	2	3	4	5
A stream section where I expect to finD historical sites	1	2	3	4	5
A river section with adequate access for motorb	ooats 1	2	3	4	5
A river section with adequate access for canoes kayaks, and inner tubes	, 1	2	3	4	5
A river section with adequate trail access (for hiking, biking, running, etc.)	1	2	3	4	5
Riverbanks lined with trash	1	2	3	4	5
Adequate on site facilities such as restrooms, shelters, picnic facilities	1	2	3	4	5
A river section near restaurants and/or shoppin	g 1	2	3	4	5
A river section with boat rental and/or shuttle service nearby	1	2	3	4	5
Access points are located in cities or small towr	ns 1	2	3	4	5
Access points are located in rural areas	1	2	3	4	5
Stream segment in very remote rural settings	1	2	3	4	5
Other(please specify)	1	2	3	4	5
Other (please specify)	1	2	3	4	5

Information on you and other members of your household will help us better understand how household characteristics affect an individual's use of Iowa rivers and streams and attitudes towards changes in them. It will also help us to determine how representative our sample is of the state of Iowa. All of your answers are strictly confidential. The information will only be used to report comparisons among groups of people. We will never identify individuals or households with their responses. Please be as complete in your answers as possible. Thank you.

8.	What is yo	ur age?						
	□Under 18	3	<b>□</b> 26 – 34	[	<b>1</b> 50 - 5	9	<b>1</b> 76 +	
	<b>□</b> 18 – 25		<b>□</b> 35 – 49	[	<b>1</b> 60 - 7	5		
9.	<b>Are you</b> □male	□fema	le					
10.	What is th	e highest	level of s	chooling t	hat you	have con	npleted? (P	lease check only one)
	□Some hig	gh school o	or less	■Some col	llege or 1	rade/voca	tional schoo	l • Advanced degree
	☐High sch	ool gradua	ate	□College g	graduate			
11.	How many	adults (i	ncluding	yourself)	live in y	our hous	ehold?	
12.	How many	children	(18 or u	nder) live i	in your	househol	d?	-
13.	What is yo	ur curren	t employ	ment statı	ıs?			
	□full time	□part	time [	⊒student	une	mployed	□retired	
14.	What is yo	ur total h	ouseholo	l income (	before t	axes) for	2009?	
	□Under \$1	0,000	<b>\$</b> 25,0	000-\$29,99	9 🗆	<b>1</b> \$50,000-	\$59,999	<b>\$125,000-\$149,999</b>
	<b>\$10,000</b>	\$14,999	<b>\$30,0</b>	000-\$34,99	9 🗆	\$60,000-	\$74,999	□Over \$150,000
	□\$15,000-	\$19,999	<b>\$</b> 35,0	000-\$39,99	9 🗆	\$75,000-	\$99,999	
	□\$20,000-	\$24,999	□\$40,0	000-\$49,99	9 🗆	\$100,000	)-\$124,999	
15.	Do you ow	n a boat (	or did yo	u rent one	in 2009	9?		
		Canoe	Kay	ak 1	Motorbo	at F	ishing boat	Other
	Own							
	Rent							





## **Iowa Rivers**

(Table shows the river segment ID number, the coordinates from the map, and the name of the river or stream)

River segment ID	Map coordinates	Major river or tributary label
1	1-A	Big Sioux
2	1-A	Rock
3	2-A	Floyd
4	2-B	Ocheyedan
5	1-C	Little Sioux (above Cherokee)
6	3-B	Little Sioux (below Cherokee)
7	4-B	Maple
8	4-B	Soldier
9	4-C	Boyer (above Denison)
10	5-B	Boyer (below Denison)
11	6-B	Mosquito Creek
12	6-B	Keg Creek
13	6-B	West Nishnabotna
14	6-C	East Nishnabotna (above Red Oak)
15	7-B	East Nishnabotna (below Red Oak)
16	7-C	West Nodaway
17	7-D	Platte
18	7-D	Grand
19	6-D	Grand (Thompson)
20	7-F	Chariton
21	2-D	East Fork Des Moines
22	2-C	West Fork Des Moines
23	3-D	Des Moines (Humboldt to Saylorville Dam)
24	5-E	Des Moines (Saylorville Dam to Red Rock Dam)
25	6-F	Des Moines (Red Rock Dam to Ottumwa)
26	7-H	Des Moines (below Ottumwa)
27	3-C	Lizard Creek
28	6-E	South
29	6-D	Middle
30	6-E	North
31	6-F	Cedar Creek
32	5-C	South Raccoon (above Redfield)
33	4-C	Middle Raccoon (above Redfield)
34	5-D	Raccoon (below Redfield)
35	3-C	North Fork Raccoon (above Jefferson)
36	5-D	North Fork Raccoon (below Jefferson)
37	3-C	Big Cedar Creek

River segment	Мар	
ID	coordinates	Major river or tributary label
38	3-E	Boone (above Webster City)
39	4-E	Boone (below Webster City)
40	4-E	South Skunk (above Ames)
41	5-F	South Skunk (Ames to junction with North Skunk)
42	6-G	North Skunk
43	6-H	Skunk
44	6-G	Big Cedar Creek
45	3-F	Iowa (above Marshalltown)
46	5-H	Iowa (Marshalltown to Coralville Dam)
47	6-I	Iowa (below Coralville Dam)
48	6-H	English
49	2-E	Winnebago
50	2-F	Shell Rock
51	3-F	West Fork Cedar
52	4-G	Cedar (above Waterloo)
53	4-H	Cedar (Waterloo to Cedar Rapids)
54	5-I	Cedar (below Cedar Rapids)
55	2-G	Wapsipinicon (above Indepen-dence)
56	4-H	Wapsipinicon (below Indepen-dence)
57	4-H	Buffalo Creek
58	4-I	Maquoketa
59	4-I	North Fork Maquoketa
60	2-H	Turkey (above Elkader)
61	3-I	Turkey (below Elkader)
62	3-H	Volga
63	2-I	Yellow
64	1-G	Upper Iowa (above Decorah)
65	1-H	Upper Iowa (below Decorah)
66	4-A	Missouri (Sioux City to Council Bluffs)
67	6-A	Missouri (below Council Bluffs)
68	1-I	Mississippi (Minnesota to MacGregor)
69	2-I	Mississippi (MacGregor to Dubuque)
70	3-I	Mississippi (Dubuque to Clinton)
71	5-I	Mississippi (Clinton to Muscatine)
72	6-I	Mississippi (Muscatine to Burlington)
73	7-I	Mississippi (Burlington to Keokuk)