

2012 North Carolina Integrated Report

All 13,178 Waters in NC are in Category 5-303(d) List for Mercury due to statewide fish consumption advice for several fish species

Category 5 Impaired assessments require development of a TMDL for the Parameter of Interest. This is the 303(d) List

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Hiwassee River Basin	10-digit Watershed	0602000201	Chatuge Lake-Hiwassee River			
> AU Number	Name	Description	Length or Area	Units	Classification	Category

Category	Rating	Use	Reason for Rating	Parameter	Year
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Hiwassee River Basin	8-digit Subbasin	06020002	Hiwassee River			
Hiwassee River Basin	10-digit Watershed	0602000201	Chatuge Lake-Hiwassee River			
	12-digit Subwatershed	060200020106	Chatuge Lake			

> 1-(1)	HIWASSEE RIVER (Chatuge Lake below elevation 1928)	From North Carolina-Georgia State line to Chatuge Dam	3,533.1	FW Acres	B	2
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1	Supporting	Aquatic Life	No Criteria Exceeded	Water Quality Standards Aquatic Life
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		12-digit Subwatershed	060200020105	Shooting Creek		
> 1-5	Shooting Creek	From source to Chatuge Lake	5.6	FW Miles	C;Tr	2

1	Supporting	Aquatic Life	Good-Fair Bioclassificati	Ecological/biological Integrity FishCom
1	Supporting	Aquatic Life	Excellent Bioclassificatio	Ecological/biological Integrity Benthos

Hiwassee River Basin	10-digit Watershed	0602000202	Tusquitee Creek-Hiwassee River			
	12-digit Subwatershed	060200020203	Sweetwater Creek-Hiwassee River			

> 1-27-(5.5)	Fires Creek	From Rocky Cove Branch to Hiwassee River	8.6	FW Miles	WS-IV;Tr,ORW	3
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3a	Not Rated	Aquatic Life	Not Rated Bioclassificati	Ecological/biological Integrity FishCom
1	Supporting	Aquatic Life	Excellent Bioclassificatio	Ecological/biological Integrity Benthos

> 1-32	Sweetwater Creek	From source to Hiwassee River	3.5	FW Miles	WS-IV	2
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1	Supporting	Aquatic Life	Good Bioclassification	Ecological/biological Integrity Benthos
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Hiwassee River Basin		10-digit Watershed		0602000202		Tusquitee Creek-Hiwassee River	
> AU Number	Name	Description	Length or Area	Units	Classification	Category	
Category	Rating	Use	Reason for Rating	Parameter	Year		
> 1-38	Calhoun Branch	From source to Hiwassee River		2.3	FW Miles	WS-IV	2
1	Supporting	Aquatic Life	Not Impaired Bioclassific	Ecological/biological Integrity Benthos			
> 1-39	Sudderth Branch	From source to Hiwassee River		1.4	FW Miles	WS-IV	3
3a	Not Rated	Aquatic Life	Not Rated Bioclassificati	Ecological/biological Integrity Benthos			
> 1-41	Mission Branch	From source to Hiwassee River		1.8	FW Miles	WS-IV	5
3a	Not Rated	Aquatic Life	Not Rated Bioclassificati	Ecological/biological Integrity Benthos			
5	Impaired	Recreation	Standard Violation	Fecal Coliform (recreation)		2012	
12-digit Subwatershed		060200020201		Tusquitee Creek			
> 1-21-(16.5)	Tusquitee Creek	From Buckner Branch to Hiwassee River		1.7	FW Miles	WS-IV;Tr,HQW	2
1	Supporting	Aquatic Life	Excellent Bioclassificatio	Ecological/biological Integrity Benthos			
> 1-21-(4.5)	Tusquitee Creek	From Big Tuni Creek to Buckner Branch		5.8	FW Miles	C;Tr,HQW	3
3a	Not Rated	Aquatic Life	Not Rated Bioclassificati	Ecological/biological Integrity FishCom			
> 1-21-5	Big Tuni Creek	From source to Tusquitee Creek		6.1	FW Miles	C;Tr,HQW	2
1	Supporting	Aquatic Life	Good Bioclassification	Ecological/biological Integrity Benthos			
Hiwassee River Basin		10-digit Watershed		0602000203		Brasstown Creek-Hiwassee River	
12-digit Subwatershed		060200020303		Fall Branch-Hiwassee River			
> 1-43-(2)	McComb Branch	From a point 0.1 mile upstream of NC Hwy. 141 to Hiwassee River		0.6	FW Miles	WS-IV;CA	3
3a	Not Rated	Aquatic Life	Not Rated Bioclassificati	Ecological/biological Integrity Benthos			

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Hiwassee River Basin		10-digit Watershed		0602000203		Brasstown Creek-Hiwassee River		
> AU Number	Name	Description	Length or Area	Units	Classification	Category		
Category	Rating	Use	Reason for Rating	Parameter	Year			
> 1-44-4	Fate Puett Cove Creek	From source to Peachtree Creek	2.1	FW Miles	C	2		
1	Supporting	Aquatic Life	Good Bioclassification	Ecological/biological Integrity Benthos				
> 1-44-5	Lamb Branch	From source to Peachtree Creek	1.7	FW Miles	C	5		
3a	Not Rated	Aquatic Life	Not Rated Bioclassificati	Ecological/biological Integrity Benthos				
5	Impaired	Recreation	Standard Violation	Fecal Coliform (recreation)	2012			
> 1-44-7	Pipes Branch	From source to Peachtree Creek	3.0	FW Miles	C	2		
1	Supporting	Aquatic Life	Good Bioclassification	Ecological/biological Integrity Benthos				
> 1-44-9	Slow Creek	From source to Peachtree Creek	5.2	FW Miles	C	5		
1	Supporting	Aquatic Life	Good-Fair Bioclassificati	Ecological/biological Integrity Benthos				
5	Impaired	Recreation	Standard Violation	Fecal Coliform (recreation)	2012			
> 1-44-9-2	Messer Branch	From source to Slow Creek	2.0	FW Miles	C	2		
1	Supporting	Aquatic Life	Not Impaired Bioclassific	Ecological/biological Integrity Benthos				
> 1-44-9-3	Graham Branch	From source to Slow Creek	1.9	FW Miles	C	2		
1	Supporting	Aquatic Life	Excellent Bioclassificatio	Ecological/biological Integrity Benthos				
> 1-44-9-4	Snead Branch	From source to Slow Creek	2.1	FW Miles	C	2		
1	Supporting	Aquatic Life	Excellent Bioclassificatio	Ecological/biological Integrity Benthos				
> 1-44a	Peachtree Creek	From source to Pipes Branch	5.3	FW Miles	C	5		
1	Supporting	Aquatic Life	Excellent Bioclassificatio	Ecological/biological Integrity Benthos				
5	Impaired	Recreation	Standard Violation	Fecal Coliform (recreation)	2012			

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Hiwassee River Basin		10-digit Watershed		0602000203		Brasstown Creek-Hiwassee River	
> AU Number	Name	Description	Length or Area	Units	Classification	Category	
Category	Rating	Use	Reason for Rating	Parameter	Year		
> 1-44b	Peachtree Creek	From Pipes Branch to Hiwassee River	3.0	FW Miles	C	2	
1	Supporting	Aquatic Life	Excellent Bioclassificatio	Ecological/biological Integrity FishCom			
1	Supporting	Aquatic Life	Good Bioclassification	Ecological/biological Integrity Benthos			
> 1-45	Fall Branch	From source to Hiwassee River	1.9	FW Miles	C	3	
3a	Not Rated	Aquatic Life	Not Rated Bioclassificati	Ecological/biological Integrity Benthos			
		12-digit Subwatershed	060200020302		Lower Brasstown Creek		
> 1-(16.5)c	HIWASSEE RIVER	From Calhoun Creek below Mission Reservoir to a point 0.6 mile upstream of McComb Branch	1.5	FW Miles	WS-IV	3	
3a	Not Rated	Aquatic Life	Not Rated Bioclassificati	Ecological/biological Integrity Benthos			
> 1-42	Brasstown Creek	From North Carolina-Georgia State Line to Hiwassee River	8.7	FW Miles	WS-IV	2	
1	Supporting	Aquatic Life	Good Bioclassification	Ecological/biological Integrity FishCom			
1	Supporting	Aquatic Life	Good Bioclassification	Ecological/biological Integrity Benthos			
> 1-42-11	Little Brasstown Creek	From source to Brasstown Creek	4.2	FW Miles	WS-IV	2	
1	Supporting	Aquatic Life	Good-Fair Bioclassificati	Ecological/biological Integrity FishCom			
Hiwassee River Basin		10-digit Watershed		0602000204		Valley River	
		12-digit Subwatershed		060200020401		Headwaters Valley River	
> 1-52-23	Gipp Creek	From source to Valley River	3.6	FW Miles	C;Tr,ORW	2	
1	Supporting	Aquatic Life	Excellent Bioclassificatio	Ecological/biological Integrity Benthos			
> 1-52-24	Worm Creek	From source to Valley River	2.6	FW Miles	C;Tr	2	
1	Supporting	Aquatic Life	Not Impaired Bioclassific	Ecological/biological Integrity Benthos			

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Hiwassee River Basin		10-digit Watershed		0602000204		Valley River	
> AU Number	Name	Description	Length or Area	Units	Classification	Category	
		Category	Rating	Use	Reason for Rating	Parameter	Year
> 1-52-25a	Junaluska Creek	From source to Junaluska Road	6.5	FW Miles	C;Tr	2	
1	Supporting	Aquatic Life	Excellent Bioclassificatio	Ecological/biological Integrity Benthos			
> 1-52-28	Tatham Creek	From source to Valley River	1.8	FW Miles	C;Tr	2	
1	Not Rated	Aquatic Life	Not Rated Bioclassificati	Ecological/biological Integrity FishCom			
1	Supporting	Aquatic Life	Excellent Bioclassificatio	Ecological/biological Integrity Benthos			
12-digit Subwatershed		060200020404		Lower Valley River			
> 1-52c	Valley River	From Venegeance Creek near Marble to Marble Creek above Murphy	7.7	FW Miles	C;Tr	5	
5	Impaired	Aquatic Life	Standard Violation	Turbidity		2008	
1	Supporting	Aquatic Life	Good Bioclassification	Ecological/biological Integrity Benthos			
3a	Not Rated	Recreation	Potential Standards Viol	Fecal Coliform (recreation)			
12-digit Subwatershed		060200020403		Middle Valley River			
> 1-52-45	Venegeance Creek	From source to Valley River	3.6	FW Miles	C;Tr	2	
1	Supporting	Aquatic Life	Good Bioclassification	Ecological/biological Integrity FishCom			
1	Supporting	Aquatic Life	Good Bioclassification	Ecological/biological Integrity Benthos			
> 1-52-58	Colvard Creek	From source to Valley River	4.3	FW Miles	C;Tr	2	
1	Supporting	Aquatic Life	Not Impaired Bioclassific	Ecological/biological Integrity Benthos			
12-digit Subwatershed		060200020402		Upper Valley River			
> 1-52-30-(3)	Beaver Creek	From Andrews Water Supply Intake to Valley River	2.0	FW Miles	C;Tr	2	
1	Supporting	Aquatic Life	Not Impaired Bioclassific	Ecological/biological Integrity Benthos			

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Hiwassee River Basin		10-digit Watershed		0602000204		Valley River	
> AU Number	Name	Description	Length or Area	Units	Classification	Category	
		Category	Rating	Use	Reason for Rating	Parameter	Year
> 1-52-32	Webb Creek	From source to Valley River	1.6	FW Miles	C;Tr	2	
	1	Supporting	Aquatic Life	Not Impaired Bioclassific	Ecological/biological Integrity Benthos		
> 1-52-36	Morris Creek	From source to Valley River	4.7	FW Miles	C;Tr	2	
	1	Supporting	Aquatic Life	Not Impaired Bioclassific	Ecological/biological Integrity Benthos		
> 1-52-39	Taylor Creek	From source to Valley River	4.8	FW Miles	C;Tr	2	
	1	Supporting	Aquatic Life	Good-Fair Bioclassificati	Ecological/biological Integrity FishCom		
	1	Supporting	Aquatic Life	Not Impaired Bioclassific	Ecological/biological Integrity Benthos		
> 1-52-40	Welch Mill Creek	From source to Valley River	4.5	FW Miles	C;Tr	2	
	1	Supporting	Aquatic Life	Good-Fair Bioclassificati	Ecological/biological Integrity Benthos		
> 1-52-43	Hyatt Creek	From source to Valley River	4.9	FW Miles	C	2	
	1	Supporting	Aquatic Life	Excellent Bioclassificatio	Ecological/biological Integrity Benthos		
> 1-52b	Valley River	From Gipp Creek above Andrews to Venegeance Creek near Marble	9.8	FW Miles	C;Tr	3	
	3a	Not Rated	Aquatic Life	Not Rated Bioclassificati	Ecological/biological Integrity FishCom		
	1	Supporting	Aquatic Life	Excellent Bioclassificatio	Ecological/biological Integrity Benthos		
Hiwassee River Basin		10-digit Watershed		0602000206		Nottely River	
		12-digit Subwatershed		060200020601		Dooley Creek-Nottely River	
> 1-58a	Nottely River	From North Carolina-Georgia State Line to Hiwassee Lake Arm	12.2	FW Miles	C	2	
	1	Supporting	Aquatic Life	Good-Fair Bioclassificati	Ecological/biological Integrity Benthos		
	1	Supporting	Aquatic Life	Good-Fair Bioclassificati	Ecological/biological Integrity Benthos		
		12-digit Subwatershed		060200020603		Nottely River	

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Hiwassee River Basin		10-digit Watershed		0602000206		Nottely River	
> AU Number	Name	Description	Length or Area	Units	Classification	Category	
		Category	Rating	Use	Reason for Rating	Parameter	Year
> 1-58b	Nottely River	Hiwassee Lake Arm	587.4	FW Acres	C	2	
1	Supporting	Aquatic Life	No Criteria Exceeded	Water Quality Standards Aquatic Life			
Hiwassee River Basin		10-digit Watershed		0602000207		Hiwassee Lake-Hiwassee River	
		12-digit Subwatershed		060200020702		Grape Creek-Hiwassee Lake	
> 1-(43.7)	HIWASSEE RIVER	From Town of Murphy water supply intake to a point 0.3 mile downstream of Martin Creek	4.2	FW Miles	WS-V	2	
1	Supporting	Aquatic Life	Good Bioclassification	Ecological/biological Integrity Benthos			
1	Supporting	Recreation	No Criteria Exceeded	Fecal Coliform (recreation)			
> 1-(50)	HIWASSEE RIVER (Hiwassee Lake below elevation 1525)	From a point 0.3 mile downstream of Martin Creek to Laurel Creek	143.4	FW Acres	C	2	
1	Supporting	Aquatic Life	No Criteria Exceeded	Water Quality Standards Aquatic Life			
1	Supporting	Recreation	No Criteria Exceeded	Fecal Coliform (recreation)			
> 1-48	Hampton Creek	From source to Hiwassee River	2.2	FW Miles	C	2	
1	Supporting	Aquatic Life	Not Impaired Bioclassific	Ecological/biological Integrity Benthos			
> 1-49	Martin Creek	From source to Hiwassee River	8.8	FW Miles	C	5	
5	Impaired	Aquatic Life	Fair Bioclassification	Ecological/biological Integrity FishCom		2012	
1	Supporting	Aquatic Life	Good-Fair Bioclassificati	Ecological/biological Integrity Benthos			
5	Impaired	Recreation	Standard Violation	Fecal Coliform (recreation)		2012	
> 1-49-2	George Creek	From source to Martin Creek	1.4	FW Miles	C	2	
1	Supporting	Recreation	No Criteria Exceeded	Fecal Coliform (recreation)			
		12-digit Subwatershed		060200020701		Hanging Dog Creek	

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Hiwassee River Basin		10-digit Watershed		0602000207		Hiwassee Lake-Hiwassee River	
> AU Number	Name	Description	Length or Area	Units	Classification	Category	
		Category	Rating	Use	Reason for Rating	Parameter	Year
> 1-57	Hanging Dog Creek	From source to Hiwassee Lake	13.2	FW Miles	C	2	
1	Supporting	Aquatic Life	Good Bioclassification	Ecological/biological Integrity FishCom			
1	Supporting	Aquatic Life	Excellent Bioclassificatio	Ecological/biological Integrity Benthos			
> 1-57-6	Owl Creek	From source to Hanging Dog Creek	8.5	FW Miles	C	2	
1	Supporting	Aquatic Life	Excellent Bioclassificatio	Ecological/biological Integrity Benthos			
		12-digit Subwatershed		060200020705		Hiwassee Lake-Hiwassee Rive	
> 1-72	Beaverdam Creek	From source to Hiwassee Lake	6.7	FW Miles	C;Tr	2	
1	Not Rated	Aquatic Life	Not Rated Bioclassificati	Ecological/biological Integrity FishCom			
1	Supporting	Aquatic Life	Excellent Bioclassificatio	Ecological/biological Integrity Benthos			
		12-digit Subwatershed		060200020703		Lake Cherokee-Persimmon Creel	
> 1-(53)	HIWASSEE RIVER (Hiwassee Lake below elevation 1525)	From Laurel Creek to Hiwassee Dam	5,029.5	FW Acres	B	3	
3a	Not Rated	Aquatic Life	Potential Standards Viol	High pH			
> 1-63a	Persimmon Creek (Lake Cherokee)	From source to Lake Cherokee	5.9	FW Miles	C	5	
5	Impaired	Aquatic Life	Poor Bioclassification	Ecological/biological Integrity FishCom		2008	
1	Supporting	Aquatic Life	Good Bioclassification	Ecological/biological Integrity Benthos			
Hiwassee River Basin		10-digit Watershed		0602000209		Spring Creek-Hiwassee River	
		12-digit Subwatershed		060200020901		South Shoal Creek	

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Hiwassee River Basin		10-digit Watershed		0602000209		Spring Creek-Hiwassee River										
> AU Number	Name	Description	Length or Area	Units	Classification	Category										
		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Category</th> <th style="text-align: left;">Rating</th> <th style="text-align: left;">Use</th> <th style="text-align: left;">Reason for Rating</th> <th style="text-align: left;">Parameter</th> <th style="text-align: left;">Year</th> </tr> </thead> </table>	Category	Rating	Use	Reason for Rating	Parameter	Year								
Category	Rating	Use	Reason for Rating	Parameter	Year											
> 1-(75)	HIWASSEE RIVER (Apalachia Lake below elevation 1281)	From River Mile 75 0.8 mile downstream from Hiwassee Dam at Hiwassee Reservation Boundary to Apalachia Dam	1,021.5	FW Acres	B	2										
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="text-align: left;">1</td> <td style="text-align: left;">Supporting</td> <td style="text-align: left;">Aquatic Life</td> <td style="text-align: left;">No Criteria Exceeded</td> <td style="text-align: left;">Water Quality Standards Aquatic Life</td> </tr> </tbody> </table>	1	Supporting	Aquatic Life	No Criteria Exceeded	Water Quality Standards Aquatic Life									
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> 1-77	South Shoal Creek	From source to Apalachia Lake	12.1	FW Miles	C;Tr	3										
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1	Supporting	Aquatic Life	Excellent Bioclassificatio	Ecological/biological Integrity Benthos												
		12-digit Subwatershed	060200020907		Towee Creek-Hiwassee Rive											
> 1-86	Shuler Creek	From source to Hiwassee River	11.9	FW Miles	C	2										
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