

Jasper County, Missouri  
2010 Grant Stream Sample Results

Site Name	Code	7/13/2010	7/19/2010	8/9/2010	8/16/2010	8/23/2010	8/24/2010	8/30/2010	8/31/2010	9/7/2010	9/14/2010	9/21/2010	9/28/2010
Cook Creek	NFS1	> 2419.6	178.9	124.6	98.4		13.4	110		375.5	1732.9	150	125.9
Opossum Creek	NFS2	> 2419.6	22.8	79.8	110.6		31.6	99.1		93.3	727	140.1	50.4
North Fork of Spring River	NFS3	> 2419.6	62.7	18.9	816.4		22.3	18.7		1046.2	410.6	65.7	85
Little North Fork	NFS4	866.4	110.6	45.7	248.1		13.2	13.4		160.7	191.8	122.3	111.2
Duval Creek	NFS5	> 2419.6	21.6	137.6	62.7 No flow		Dry	Dry		81.6	866.4	387.3	224.7
Slater Branch	NFS6	727	133.3	73.3	29.5		54.8	39.3 No flow		93.3	365.4	201.4	172.2
Buck Branch	NFS7	248.1	104.6	42.6	18.3		72.7	9.8		13	488.4	128.1	88
Dry Fork	DFS1	206.4	135.4	7.3	12		17.1	10.9		74.1	118.6	48.8	32.7
Stony Branch	DFS2	1732.9	178.2	113	30.5		52.9	2 No flow		34.5	866.4	60.2	63.8
Deer Creek	DFS3	> 2419.6	> 2419.6	1299.7	980.4		285.1	107.6 No flow		1732.5	> 2419.6	1986.3	> 2419.6
Dry Fork	DFS4	372.4	186	172.5	190.4		54.8	115.3		816.4	866.4	1986.3	461.1
Unknown	DFS5	> 2419.6	1299.7	238.2	290.9		37.3	10.9		96	> 2419.6	488.4	93.4
Pond & Blackberry Creeks	SRS1	124.6	25	13.2	3		3.1	19.7		14.5	107.6	16.6	88.2
Dead Creek	SRS2	298.7	8.4	46.4	57.1		50.4	69.7		119.8	298.7	101	133.3
White Oak Creek	SRS3	1413.6	160.7	143.9	4.1 No flow		Dry	Dry		Dry	365.4	33.3	77.2
Cave Spring Branch	SRS4	> 2419.6	118.7	125.9	Dry		Dry	Dry		Dry	Dry	Dry	Dry
Unknown	CCS1	365.4	98.7	110	83.9		53.8	118.7		228.2	307.6	38.8	32
Unknown	CCS2	139.6	10.8	Dry	Dry	Dry			Dry	Dry	Dry	Dry	Dry
Center Creek	CCS3	39.3	11.8	40.2	22.6	14.8			42	61.6	142.3	69.3	20.4
Grove Creek	CCS4	Dry	Dry	Dry	Dry	Dry		Dry		Dry	Dry	Dry	Dry
Jones Creek	CCS5	146.7	133.3	74.9	117.8	16.9		76.7		45	517.2	325.5	298.7
Jenkins Creek	CCS6	112.6	113.7	115.3	62.4	35.5		101.9		85.7	387.3	178.9	98.7
Joplin Creek	TCS1	209.8	57.3	14.4	248.9		110.6		17.9	816.4	1986.3	8.4	31.8
Baker's Branch	TCS2	Dry	33	Unable to read	27.5		16.1		1 No flow	36.6	> 2419.6	16.6 No flow	28.5

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2010 Grant Stream Sample Results

Code	10/5/2010	10/12/2010	10/19/2010	10/26/2010	11/22/2010	11/23/2010	12/21/2010
NFS1	18.7	No reading technical error	325.5	648.8	816.4		18.3
NFS2	83.6	No reading technical error	410.6	201.4	64.0		85.7
NFS3	58.8	No reading technical error	83.9	62.0	55.7		23.1
NFS4	148.3	No reading technical error	52.9	18.3	77.1		35.9
NFS5	25.9	No reading technical error	Dry	Dry	12.2		85.7
NFS6	290.9	No reading technical error	145.0	159.7	613.1		290.9
NFS7	27.5	No reading technical error	32.7	114.5	38.8		93.3
DFS1	30.1	No reading technical error	325.5	93.5	35.5		76.7
DFS2	1732.9	No reading technical error	816.4	137.6	8.4		27.2
DFS3	> 2419.6	No reading technical error	> 2419.6	> 2419.6	>2419.6		435.2
DFS4	866.4	No reading technical error	> 2419.6	920.8	127.4		285.1
DFS5	435.2	No reading technical error	> 2419.6	1413.6	1203.3		214.3
SRS1	27.2	No reading technical error	42.8	25.0	23.3		10.9
SRS2	14.6	No reading technical error	> 2419.6	325.5	36.8		85.7
SRS3	24.6	No reading technical error	11.9	Dry	Dry		44.1
SRS4	Dry	No reading technical error	Dry	Dry	Dry		DRY
CCS1	42.8	No reading technical error	1119.9	185.0	9.8		21.3
CCS2	Dry	No reading technical error	Dry	Dry	Dry		DRY
CCS3	17.9	No reading technical error	130.1	118.7	59.1		31.8
CCS4	Dry	No reading technical error	Dry	Dry	Dry		DRY
CCS5	120.1	No reading technical error	1413.6	1986.3		410.6	66.3
CCS6	63.1	No reading technical error	261.3	686.7		70.8	67.0
TCS1	12.1	No reading technical error	> 2419.6	1553.1	76.8		13.5
TCS2	5.1	No reading technical error	> 2419.6	410.6	4.1		4.1

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Site Name	Code	1/27/2011	1/26/2011	3/15/2011	4/5/2011	4/13/2011	4/14/2011	4/18/2011	4/26/2001	5/3/2011
Cook Creek	NFS1	FROZEN		436.0	122.2		113.7	144.5	1299.7	204.6
Opossum Creek	NFS2		FROZEN	165.0	62.4		51.2	112.7	1553.1	82.0
North Fork of Spring River	NFS3		FROZEN	>2419.6	209.8		686.7	220.9	>2419.6	95.9
Little North Fork	NFS4	11.0		920.8	325.5		65.7	135.4	>2419.6	115.3
Duval Creek	NFS5		FROZEN	2419.6	686.7		>2419	46.8	1986.3	517.2
Slater Branch	NFS6		FROZEN	184.2	387.3		461.1	56.5	980.4	307.6
Buck Branch	NFS7	8.5		165.0	186.0		51.2	140.3	2419.6	122.3
Dry Fork	DFS1	35		1553.1	56.5		81.5	106.3	960.6	224.7
Stony Branch	DFS2		2.0	2419.6	110.6		88.4	121.3	816.4	290.9
Deer Creek	DFS3		>2419.6	387.3	298.7		2419.6	206.4	920.8	307.6
Dry Fork	DFS4		52.0	920.8	18.7		344.8	160.9	>2419.6	133.4
Unknown	DFS5		3.0	1986.3	133.4		150.0	100.6	1986.3	235.9
Pond & Blackberry Creeks	SRS1	FROZEN		1046.2	75.4		228.2	195.6	1732.9	42.8
Dead Creek	SRS2		5.1	53.7	47.3		21.6	45.7	>2419.6	65.0
White Oak Creek	SRS3		FROZEN	>2419.6	52.0		172.3	178.2	1986.3	344.8
Cave Spring Branch	SRS4		DRY	2419.6	23.3		29.8	55.8	>2419.6	124.6
Unknown	CCS1		2.0	65.7	14.6	3.1		69.1	1119.9	19.9
Unknown	CCS2		DRY	22.6	25.9	1.0		30.1	461.1	13.2
Center Creek	CCS3		1.0	2419.6	65.0	11.0		27.2	>2419.6	214.3
Grove Creek	CCS4		DRY	172.2	17.5	9.7		139.6	435.2	86.0
Jones Creek	CCS5	21.3		727.0	64.4	67.7		38.8	1986.3	98.8
Jenkins Creek	CCS6	27.5		1986.3	42.6		40.8	58.1	1986.3	161.6
Joplin Creek	TCS1		2	368.4	127.4	34.5		23.8	1413.6	344.8
Baker's Branch	TCS2		<1	65.0	66.3	NOT READABLE		33.2	461.1	79.8

## Jasper County, Missouri

Grant Stream Sample Results 2011

Site Name	Code	5/12/2011	5/18/2011	5/26/2011	6/1/2011	6/23/2011	6/28/2011	7/6/2011	7/12/2011	7/13/2011
Cook Creek	NFS1	156.5	325.5	344.8	214.3	111.2	185.0	29.5	74.9	
Opossum Creek	NFS2	81.3	135.4	185.0	307.6	275.5	613.1	235.9	39.5	
North Fork of Spring River	NFS3	166.4	501.2	960.6	127.4	2419.0	416.0	365.4	88.4	
Little North Fork	NFS4	172.3	90.6	1553.1	160.7	290.9	488.4	72.7	29.8	
Duval Creek	NFS5	1732.9	1299.7	1732.9	2419.6	547.5	547.5	135.4	DRY	
Slater Branch	NFS6	461.1	240.0	238.2	980.4	129.5	124.6	95.9	410.6	
Buck Branch	NFS7	77.6	113.0	206.4	231.0	129.6	113.7	285.1	88.0	
Dry Fork	DFS1	90.6	117.8	290.9	178.2	32.7	147.0	62.7	52.9	
Stony Branch	DFS2	365.4	209.8	1732.9	579.4	224.7	206.4	165.0	4.1	
Deer Creek	DFS3	1413.6	1203.3	517.2	517.2	>2419	829.7	461.1	648.8	
Dry Fork	DFS4	113.0	135.4	461.1	238.2	83.9	93.3	156.5	79.4	
Unknown	DFS5	238.2	248.1	410.6	185.0	124.6	387.3	461.1	387.3	
Pond & Blackberry Creeks	SRS1	21.1	99.0	920.8	122.3	116.2	88.4	261.3	166.4	
Dead Creek	SRS2	101.7	150.0	488.4	461.1	517.2	387.3	125.9	82.0	
White Oak Creek	SRS3	139.1	139.6	686.7	435.2	55.4	44.3	125.0	73.3	
Cave Spring Branch	SRS4	156.5	235.9	435.2	727.0	178.5	238.2	DRY	DRY	
Unknown	CCS1	104.3	54.6	298.7	75.4	129.6	517.2	142.1		>2419.6
Unknown	CCS2	34.1	7.5	86.0	23.8	>2419	DRY	DRY		DRY
Center Creek	CCS3	98.3	90.8	488.4	77.1	30.1	23.5	9.7		107.1
Grove Creek	CCS4	18.7	57.3	191.8	93.3	6.3	DRY	DRY		DRY
Jones Creek	CCS5	204.6	78.0	344.8	120.1	79.8	172.2	224.7		435.2
Jenkins Creek	CCS6	95.9	137.4	307.6	185.0	55.7	139.6	93.4		1732.9
Joplin Creek	TCS1	1732.9	365.4	167.9	547.5	435.2	93.4	96.0		>2419.6
Baker's Branch	TCS2	579.4	42.0	260.3	17.1 NO FLOW	1553.1	>2419.6	178.5		>2419.6

## Jasper County, Missouri

Grant Stream Sample Results 2011

Site Name	Code	7/21/2011	7/26/2011	8/3/2011	8/11/2011	8/17/2011	8/18/2011	8/24/2011	9/1/2011	9/6/2011
Cook Creek	NFS1	42.8	290.9	157.6	17.3		>2419.6		DRY	DRY
Opossum Creek	NFS2	86.0	613.1	16.9	172.2		387.3	209.8	75.9	34.5
North Fork of Spring River	NFS3	30.7	>2419.6	365.4	686.7		157.6	15.8	29.5	21.3
Little North Fork	NFS4	4.1	14.5	8.6	344.8		41.7	57.6	48.0	76.7
Duval Creek	NFS5	DRY	DRY	DRY	DRY		DRY	DRY	DRY	DRY
Slater Branch	NFS6	DRY	DRY	DRY	DRY		DRY	DRY	DRY	DRY
Buck Branch	NFS7	43.5	202.5	58.3	61.7		4.1	14.6	15.8	11.9
Dry Fork	DFS1	156.5	111.2	461.1	69.5		14.2	166.4	248.1	5.2
Stony Branch	DFS2	816.4	DRY	DRY	1553.1		DRY	DRY	DRY	DRY
Deer Creek	DFS3	30.1	579.4	1203.3	344.8		6.3	325.5	161.6	83.9
Dry Fork	DFS4	148.3	32.3	517.2	>2419.6		727.0	214.3	193.5	63.8
Unknown	DFS5	816.4	461.1	22.6	83.6		12.1	5.2	114.5	18.5
Pond & Blackberry Creeks	SRS1	62.4	2.0	4.1	156.5		16.8	13.2	18.7	1.0
Dead Creek	SRS2	290.9	686.7	816.4	101.4		20.1	172.5	307.6	81.3
White Oak Creek	SRS3	15.8	DRY	DRY	DRY		DRY	DRY	DRY	DRY
Cave Spring Branch	SRS4	DRY	DRY	DRY	DRY		DRY	DRY	DRY	DRY
Unknown	CCS1	248.9	547.5	1732.9	228.2		110.0	85.7	61.7	33.6
Unknown	CCS2	DRY	DRY	DRY	DRY		DRY	DRY	DRY	DRY
Center Creek	CCS3	36.8	52.9	DRY	59.1	15.3		26.2	74.4	24.3
Grove Creek	CCS4	DRY	DRY	79.4	DRY	DRY		DRY	DRY	DRY
Jones Creek	CCS5	88.4	108.1	248.1	235.9	24.6		62.0	83.9	235.9
Jenkins Creek	CCS6	81.3	103.9	86.5	88.4	7.5		52.9	93.3	54.5
Joplin Creek	TCS1	114.5	124.6	68.4	238.2	20.3		16.6	81.3	24.3
Baker's Branch	TCS2	5.2	6.3	>2419.6	517.2	4.1		4.1	20.1	>1

## Jasper County, Missouri

Grant Stream Sample Results 2011

Site Name	Code	9/13/2011	9/20/2011	9/27/2011	10/4/2011	10/13/2011	10/18/2011	10/24/2011	11/29/2011	12/29/2011
Cook Creek	NFS1	DRY	DRY	DRY	DRY	DRY	DRY	DRY	81.3	61.6
Opossum Creek	NFS2	70.3	146.7	185.0	50.4	248.1	1986.3	73.3	81.6	34.1
North Fork of Spring River	NFS3	259.5	33.6	45.7	55.6	23.3	74.4	14.5	547.5	71.7
Little North Fork	NFS4	86.0	24.6	101.9	121.1	66.3	727.0	48.8	206.4	113.0
Duval Creek	NFS5	DRY	DRY	DRY	DRY	DRY	DRY	DRY	>2419.6	185.0
Slater Branch	NFS6	DRY	DRY	DRY	DRY	DRY	DRY	DRY	121.1 NO FLOW	44.1
Buck Branch	NFS7	18.9	21.6	517.2	25.9	3.0	248.1	2.0	135.4	24.6
Dry Fork	DFS1	7.4	11.9	1.0	1.0	0.0	2419.6	14.2	75.4	52.9
Stony Branch	DFS2	DRY	DRY	DRY	DRY	DRY	DRY	DRY	290.9	2419.6
Deer Creek	DFS3	137.6	1119.9	52.9	30.1	19.9	>2419.6	178.5	816.4	63.1
Dry Fork	DFS4	115.3	>2419.6	1413.6	325.5	172.5	>2419.6	579.4	145.5	178.5
Unknown	DFS5	17.1	235.9	78.9	38.4	28.5	>2419.6	56.1	365.4	45.7
Pond & Blackberry Creeks	SRS1	6.3	172.6	73.3	13.2	5.1	123.4	1.0	313.0	23.5
Dead Creek	SRS2	98.5	111.2	461.1	325.5	2419.6	>2419.6	579.4	135.4	146.7
White Oak Creek	SRS3	DRY	DRY	DRY	DRY	DRY	DRY	DRY	29.2	30.9
Cave Spring Branch	SRS4	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Unknown	CCS1	29.2	78.9	67.0	88.2	53.8	1046.2	98.8	13.5	7.4
Unknown	CCS2	DRY	DRY	DRY	DRY	DRY	DRY	DRY	1.0	0 NO FLOW
Center Creek	CCS3	41.4	64.5	36.4	15.3	8.4	727.0	47.1	45.2	18.3
Grove Creek	CCS4	DRY	DRY	DRY	DRY	DRY	DRY	DRY	13.0	14.5
Jones Creek	CCS5	46.4	141.4	67.7	96.0	93.4	387.3	387.3	90.6	60.5
Jenkins Creek	CCS6	53.8	125.9	69.1	51.2	54.6	73.8	66.3	104.3	133.3
Joplin Creek	TCS1	26.9	1119.9	110.6	66.3	135.4	>2419.6	78.8	185.0	24.7
Baker's Branch	TCS2	DRY	648.8	3.0	37.7	4.1	2419.6	18.3	39.5 NO FLOW	2 NO FLOW

Jasper County, Missouri Health Department  
2012 Grant Stream Sample Results

Site Name	Code	1/30/2012	1/27/2012
Cook Creek	NFS1	53.8	104.6
Opossum Creek	NFS2	25.3	50.4
North Fork of Spring River	NFS3	3.1	18.7
Little North Fork	NFS4	13.1	27.2
Duval Creek	NFS5	23.3	206.4
Slater Branch	NFS6	4.1 NO FLOW	27.5
Buck Branch	NFS7	151.5	21.3 NO FLOW
Dry Fork	DFS1	20.1	26.9
Stony Branch	DFS2	12.2 NO FLOW	4.1
Deer Creek	DFS3	461.1	307.6
Dry Fork	DFS4	56.5	35.0
Unknown	DFS5	12.0	64.2
Pond & Blackberry Creeks	SRS1	11.8	10.1
Dead Creek	SRS2	29.2	23.3
White Oak Creek	SRS3	4.1	11.8
Cave Spring Branch	SRS4	DRY	DRY
Unknown	CCS1	3.0	2.0
Unknown	CCS2	DRY	DRY
Center Creek	CCS3	4.1	23.1
Grove Creek	CCS4	5.2	70.8
Jones Creek	CCS5	52.0	124.6
Jenkins Creek	CCS6	16.0	151.5
Joplin Creek	TCS1	2.0	290.9
Baker's Branch	TCS2	<1 NO FLOW	12.1 NO FLOW