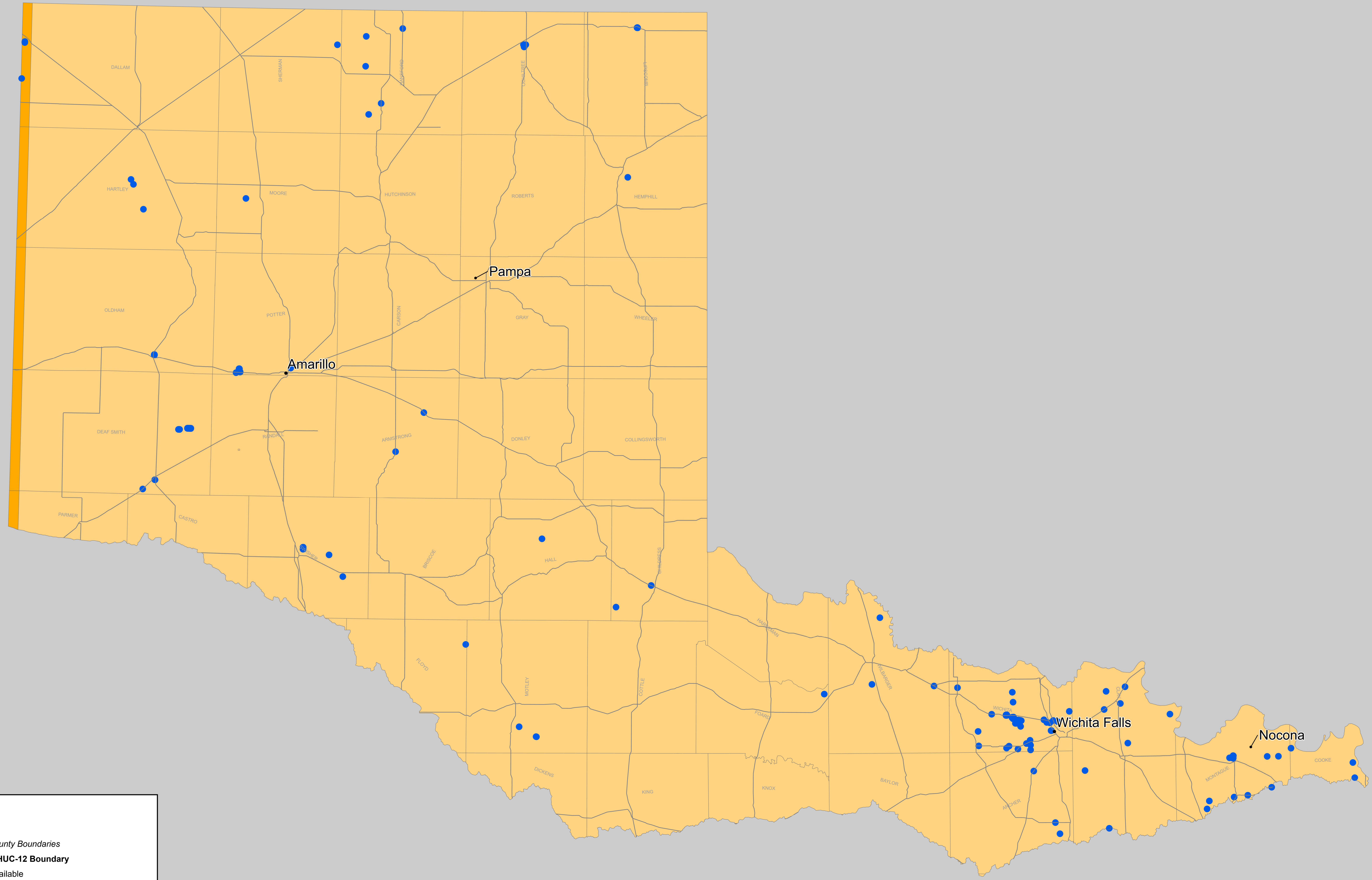
Appendix B-1 | B-1.6

Map 9 – Future Condition Flood Hazard – Gaps in Inundation Boundary Mapping and Identify Known Flood-Prone Areas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HANSFORD
OCHILTREE
LIPSCOMB
HARTLEY
MOORE
HUTCHINSON
ROBERTS
HEMPHILL
Pampa
OLDHAM
POTTER
CARSON
GRAY
WHEELER
Amarillo
DEAF SMITH
RANDALL
ARMSTRONG
DONLEY
COLLINGSWORTH
PARMER
CASTRO
SWISHER
BRISCOE
HALL
CHILDRESS
HARDEMAN
FLOYD
MOTLEY
COTTLE
FOARD
WILBARGER
WICHITA
CLAY
Wichita Falls
Nocona
DICKENS
KING
KNOX
BAYLOR
ARCHER
MONTAGUE
COOKE

Legend

— Roadways

☐ Texas Counties *County Boundaries*

Flood Mapping Gaps By HUC-12 Boundary

🟧 No Fathom Data Available

🟨 No Future Conditions Mapping

● Flood Prone Areas (From Public Input and TXDOT Records)

0 5 10 Miles

REGION 1 CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

FREESE AND NICHOLS, INC.
OFFICE: (817) 735-7300

Region 1 - Canadian- Upper Red

Future Condition Flood Hazard - Gaps in Inundation Boundary Mapping and Identify Flood-Prone Areas

FN JOB NO	PPC21323
FILE	ImportsFromArcMap
DATE	6/28/2023
SCALE	1:750,000
DRAFTED	08071

Map
9

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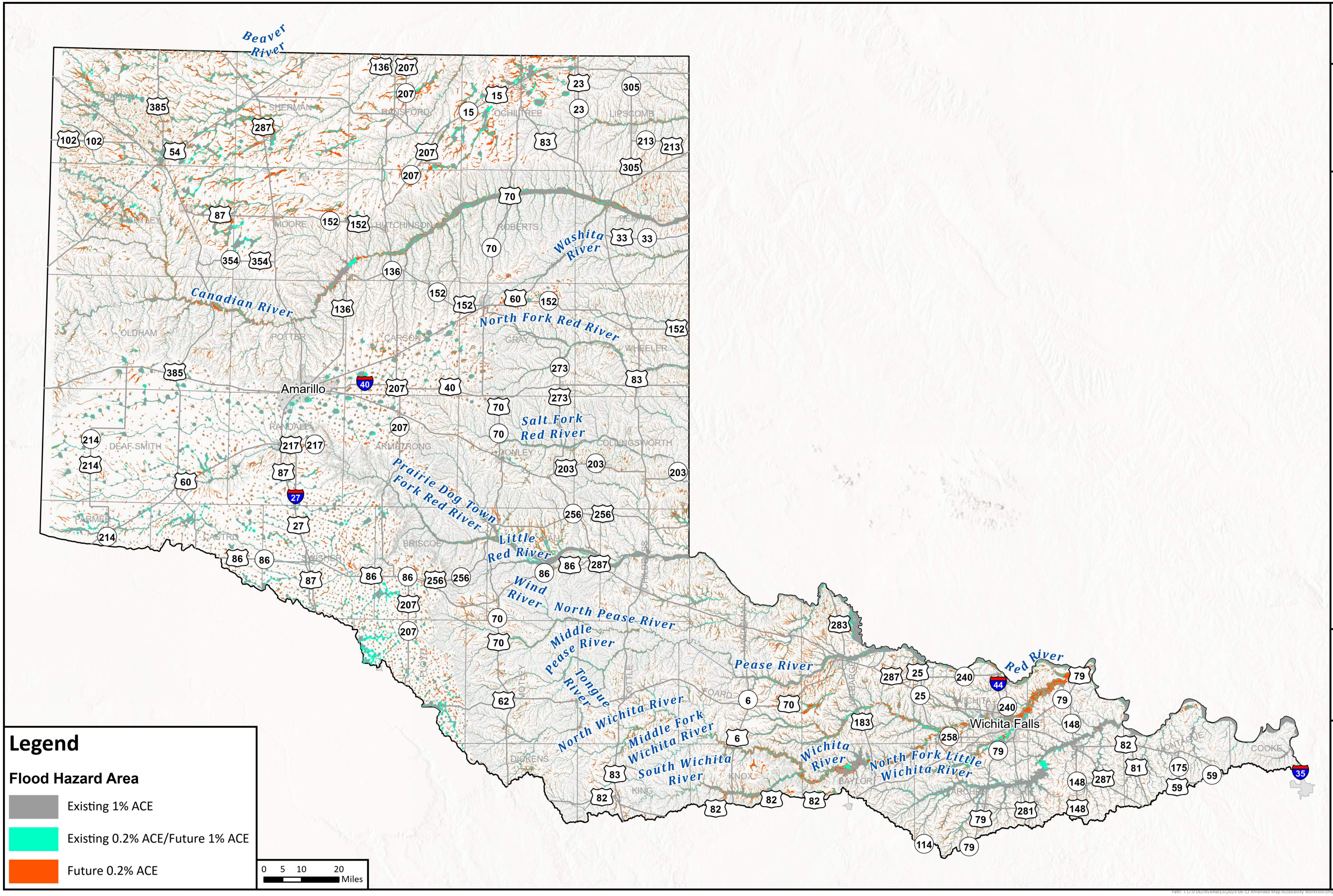
Appendix B-1 | B-1.7

Map 10 – Extent of Increase of Flood Hazard Compared to Existing Conditions


Beaver River
Canadian River
Washita River
North Fork Red River
Salt Fork Red River
Prairie Dog Town Fork Red River
Little Red River
Wind River
North Pease River
Middle Pease River
Tongue River
Pease River
Red River
North Wichita River
Middle Fork Wichita River
South Wichita River
Wichita River
North Fork Little Wichita River
Amarillo
Wichita Falls
SHERMAN
HANSFORD
OCHILTREE
LIPSCOMB
HARTLEY
MOORE
HUTCHINSON
ROBERTS
HEMPHILL
OLDHAM
POTTER
CARSON
GRAY
WHEELER
RANDALL
ARMSTRONG
DONLEY
COLLINGSWORTH
DEAF SMITH
PARMER
CASTRO
SWISHER
BRISCOE
CHILDRESS
MOTLEY
COTTLE
FOARD
WILBARGER
WICHITA
DICKENS
KING
KNOX
BAYLOR
MONTAGUE
COOKE
0 5 10 20
Miles

Legend

Flood Hazard Area

⬜	Existing 1% ACE
🟩	Existing 0.2% ACE/Future 1% ACE
🟧	Future 0.2% ACE

Map 10

FN JOB NO	PPC21323
FILE	ImportsFromArcMap
DATE	6/20/2023
SCALE	~~1:1,500,000~~
DRAFTED	08071

Region 1: Canadian - Upper Red

Region Overview

Extent of Increase of Flood Hazard Compared to Existing Condition

REGION 1 CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

FREESE AND NICHOLS

Freese and Nichols, Inc.

Office: (817) 735-7300

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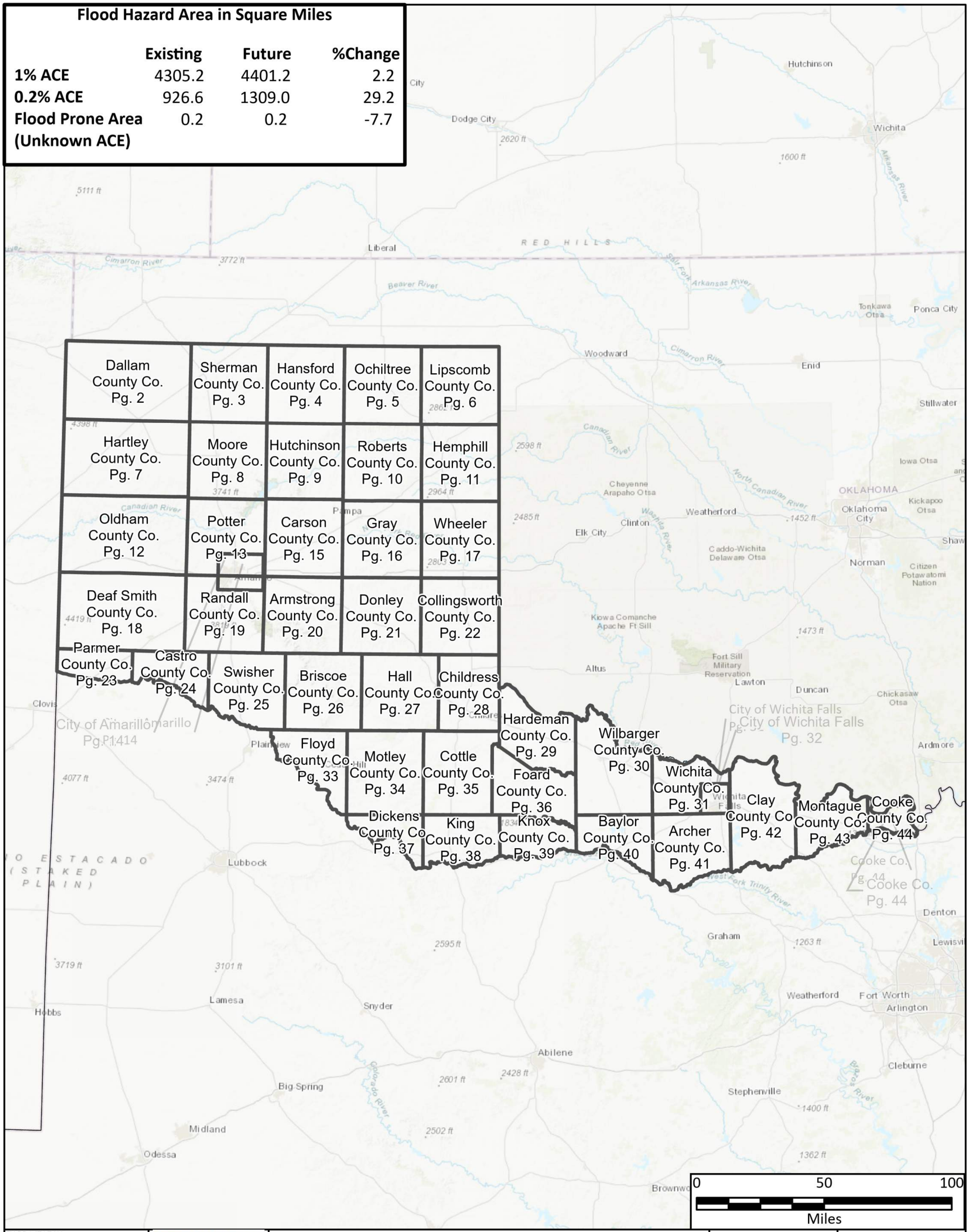
Flood Hazard Area in Square Miles

	Existing	Future	%Change
1% ACE	4305.2	4401.2	2.2
0.2% ACE	926.6	1309.0	29.2
Flood Prone Area (Unknown ACE)	0.2	0.2	-7.7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Sherman County Co. Pg. 3
Hansford County Co. Pg. 4
Ochiltree County Co. Pg. 5
Lipscomb County Co. Pg. 6
Hartley County Co. Pg. 7
Moore County Co. Pg. 8
Hutchinson County Co. Pg. 9
Roberts County Co. Pg. 10
Hemphill County Co. Pg. 11
Oldham County Co. Pg. 12
Potter County Co. Pg. 13
City of Amarillo Pg. 14
Carson County Co. Pg. 15
Gray County Co. Pg. 16
Wheeler County Co. Pg. 17
Deaf Smith County Co. Pg. 18
Randall County Co. Pg. 19
Armstrong County Co. Pg. 20
Donley County Co. Pg. 21
Collingsworth County Co. Pg. 22
Parmer County Co. Pg. 23
Castro County Co. Pg. 24
Swisher County Co. Pg. 25
Briscoe County Co. Pg. 26
Hall County Co. Pg. 27
Childress County Co. Pg. 28
Hardeman County Co. Pg. 29
Wilbarger County Co. Pg. 30
Wichita County Co. Pg. 31
City of Wichita Falls Pg. 32
Floyd County Co. Pg. 33
Motley County Co. Pg. 34
Cottle County Co. Pg. 35
Foard County Co. Pg. 36
Dickens County Co Pg. 37
King County Co. Pg. 38
Knox County Co. Pg. 39
Baylor County Co. Pg. 40
Archer County Co. Pg. 41
Clay County Co Pg. 42
Montague County Co. Pg. 43
Cooke County Co. Pg. 44
Hutchinson
Dodge City
Wichita
Liberal
RED HILLS
Cimarron River
Beaver River
Salt Fork Arkansas River
Arkansas River
Woodward
Enid
Tonkawa Otsa
Ponca City
Stillwater
Canadian River
North Canadian River
Cheyenne Arapaho Otsa
Washita River
Weatherford
Elk City
Clinton
OKLAHOMA
Oklahoma City
Iowa Otsa
Kickapoo Otsa
Shawnee
Caddo-Wichita Delaware Otsa
Norman
Citizen Potawatomi Nation
Kiowa Comanche Apache Ft Sill
Fort Sill Military Reservation
Altus
Lawton
Duncan
Chickasaw Otsa
Ardmore
Pampa
Amarillo
Clovis
Plainview
Lubbock
ESTACADO (STAKED PLAIN)
Graham
West Fork Trinity River
Denton
Lewisville
Weatherford
Fort Worth
Arlington
Hobbs
Lamesa
Snyder
Abilene
Cleburne
Stephenville
Big Spring
Colorado River
Brazos River
Midland
Odessa
Brownwood
5111 ft
3772 ft
2620 ft
1600 ft
4398 ft
3741 ft
2964 ft
2598 ft
2485 ft
2803 ft
4419 ft
1473 ft
1452 ft
4077 ft
3474 ft
3719 ft
3101 ft
2595 ft
1263 ft
2601 ft
2428 ft
2502 ft
1400 ft
1362 ft
0
50
100
Miles

FN PROJECT NO.	PPC21323
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PREPARED BY	RSW

REGION 1 CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

FREESE AND NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red

Map Index

Extent of Increase of Flood Hazard Compared to Existing Condition

N

Map 10
1 of 44

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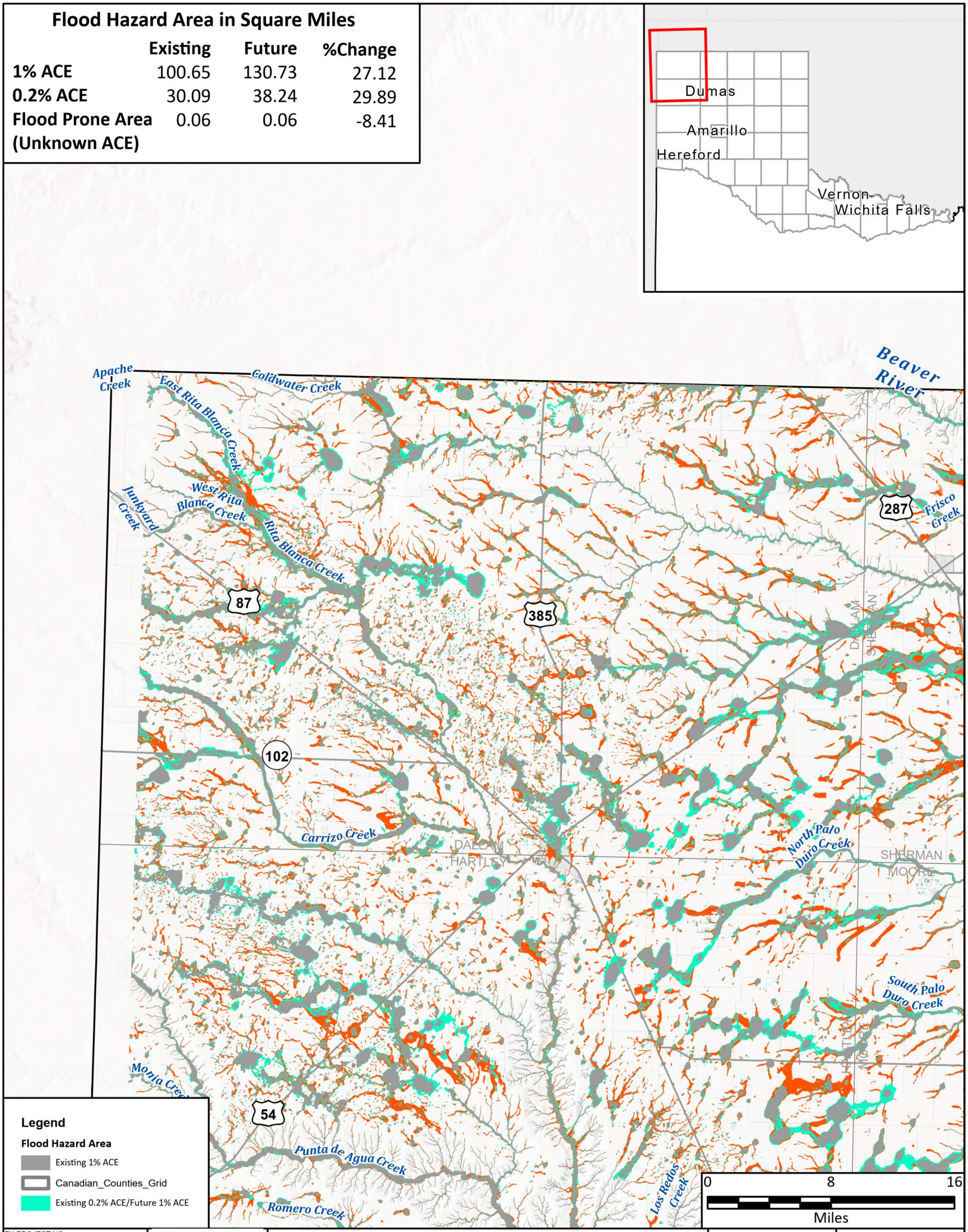
Flood Hazard Area in Square Miles

	Existing	Future	%Change
1% ACE	100.65	130.73	27.12
0.2% ACE	30.09	38.24	29.89
Flood Prone Area (Unknown ACE)	0.06	0.06	-8.41


Dumas
Amarillo
Hereford
Vernon
Wichita Falls
Beaver River
Apache Creek
Coldwater Creek
East Rita Blanca Creek
West Rita Blanca Creek
Junkyard Creek
Rita Blanca Creek
287
Frisco Creek
87
385
102
Carrizo Creek
DALLAM
HARTLEY
DALLAM
SHERMAN
North Palo Duro Creek
SHERMAN
MOORE
South Palo Duro Creek
HARTLEY
MOORE
Monia Creek
54
Punta de Agua Creek
Los Redos Creek
Romero Creek
0
8
16
Miles

Legend

Flood Hazard Area

- ▨ Existing 1% ACE
- ☐ Canadian_Counties_Grid
- 🟩 Existing 0.2% ACE/Future 1% ACE

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FILE NAME ImportsFromArcMap
PREPARED BY HDO

REGION 1 CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

FREESE AND NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red

Dallam County

Extent of Increase of Flood Hazard Compared to Existing Condition

N

Map 10

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Date Saved: 6/20/2023 4:47 PM

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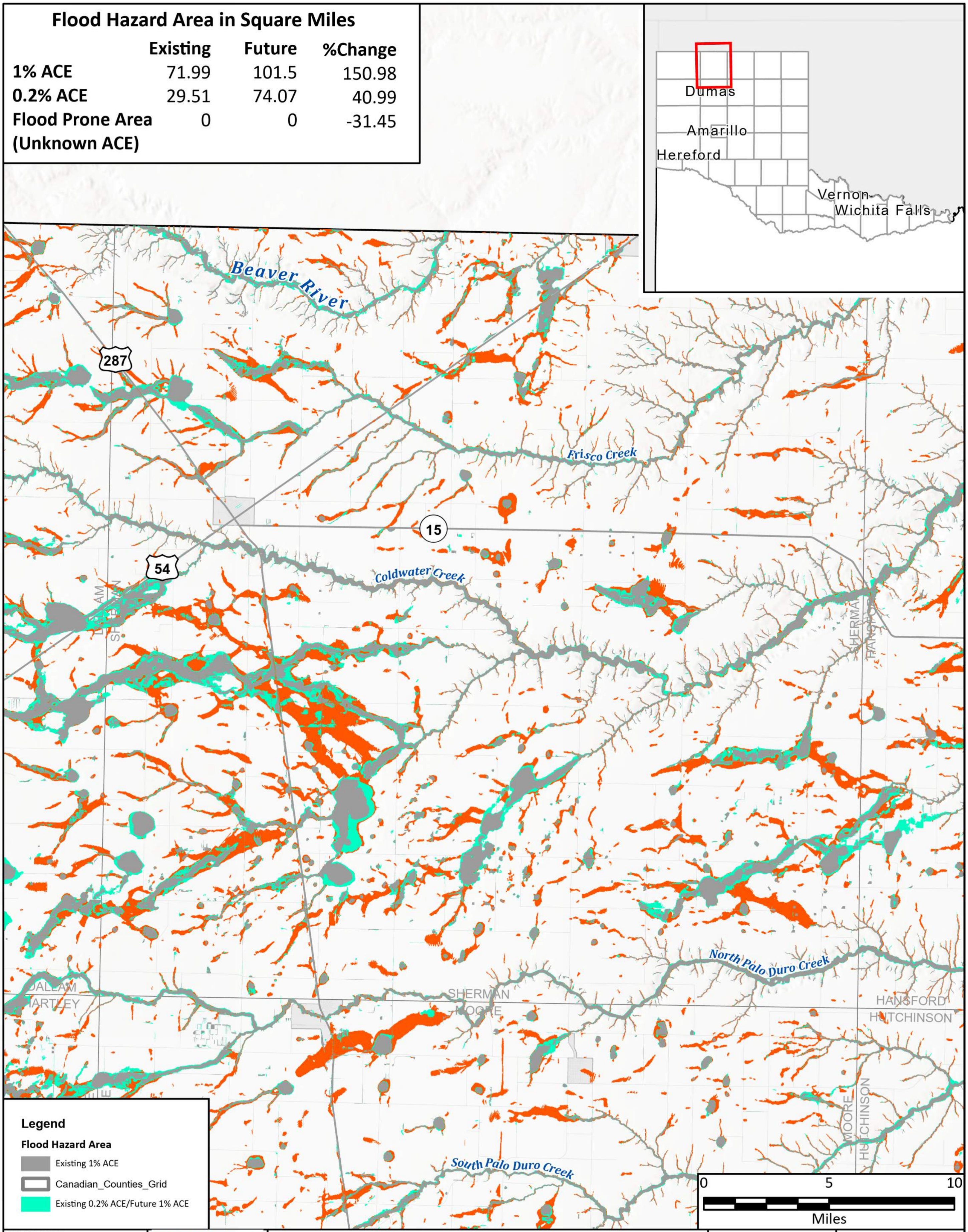
Flood Hazard Area in Square Miles

	Existing	Future	%Change
1% ACE	71.99	101.5	150.98
0.2% ACE	29.51	74.07	40.99
Flood Prone Area (Unknown ACE)	0	0	-31.45



Dumas
Amarillo
Hereford
Vernon
Wichita Falls
Beaver River
287
Frisco Creek
15
54
Coldwater Creek
DALLAM
SHERMAN
SHERMAN
HANSFORD
North Palo Duro Creek
DALLAM
HARTLEY
SHERMAN
MOORE
HANSFORD
HUTCHINSON
MOORE
HUTCHINSON
South Palo Duro Creek
Legend
Flood Hazard Area
Existing 1% ACE
Canadian_Counties_Grid
Existing 0.2% ACE/Future 1% ACE
0
5
10
Miles

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FREESE AND NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red

Sherman County

Extent of Increase of Flood Hazard Compared to Existing Condition

Map 10

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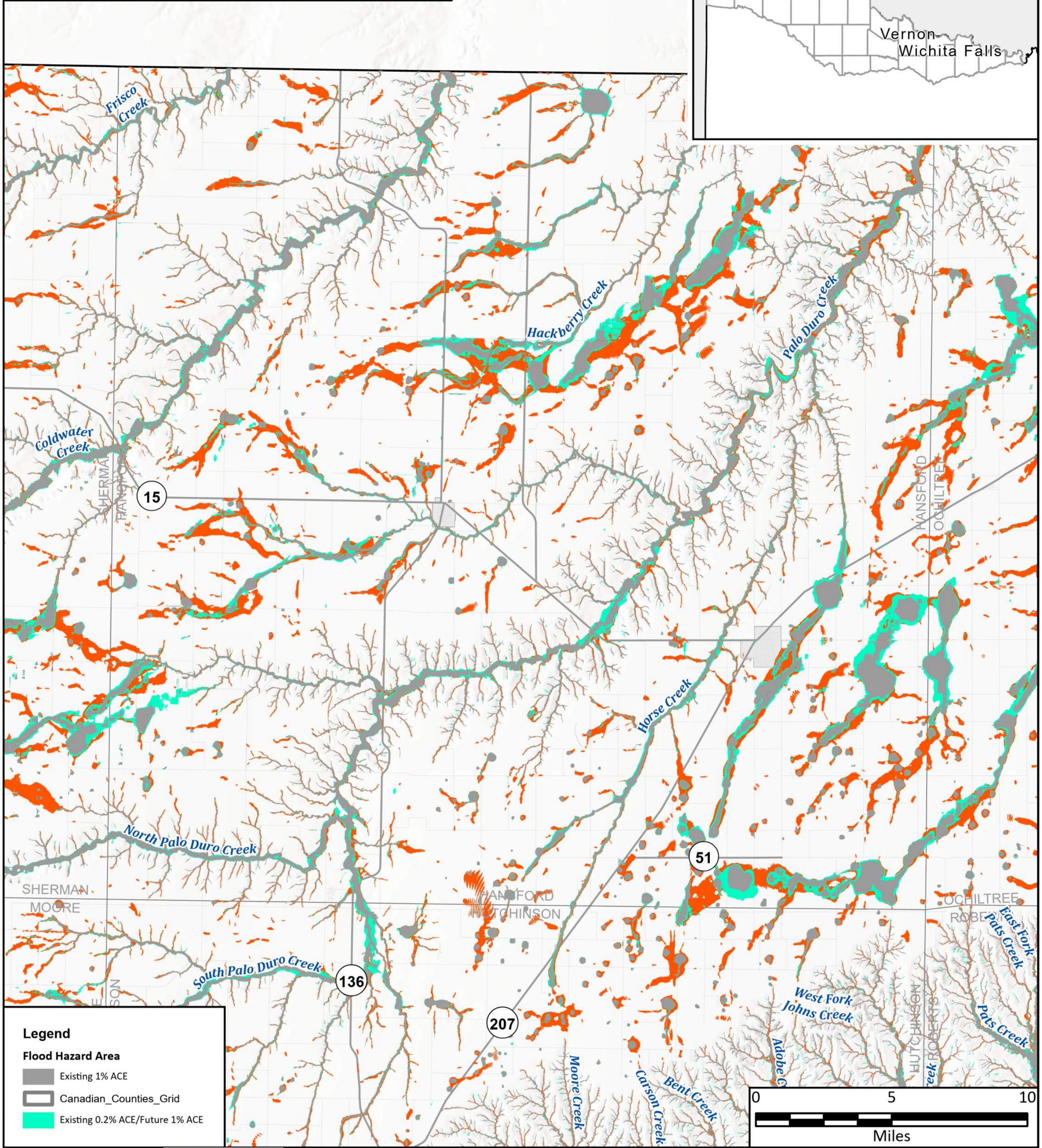
Flood Hazard Area in Square Miles

	Existing	Future	%Change
1% ACE	78.17	103.16	145.36
0.2% ACE	24.99	61.31	31.96
Flood Prone Area (Unknown ACE)	0	0	-42.42


Dumas
Amarillo
Hereford
Vernon
Wichita Falls
Frisco Creek
Hackberry Creek
Palo Duro Creek
Coldwater Creek
15
SHERMAN
HANSFORD
HANSFORD
OCHILTREE
Horse Creek
North Palo Duro Creek
51
SHERMAN
MOORE
HANSFORD
HUTCHINSON
OCHILTREE
ROBERTS
East Fork Pats Creek
South Palo Duro Creek
136
West Fork Johns Creek
207
Pats Creek
Moore Creek
Carson Creek
Bent Creek
Adobe C
HUTCHINSON
ROBERTS
Legend
Flood Hazard Area
Existing 1% ACE
Canadian_Counties_Grid
Existing 0.2% ACE/Future 1% ACE
0
5
10
Miles

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801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red

Hansford County

Extent of Increase of Flood Hazard Compared to Existing Condition

Map 10

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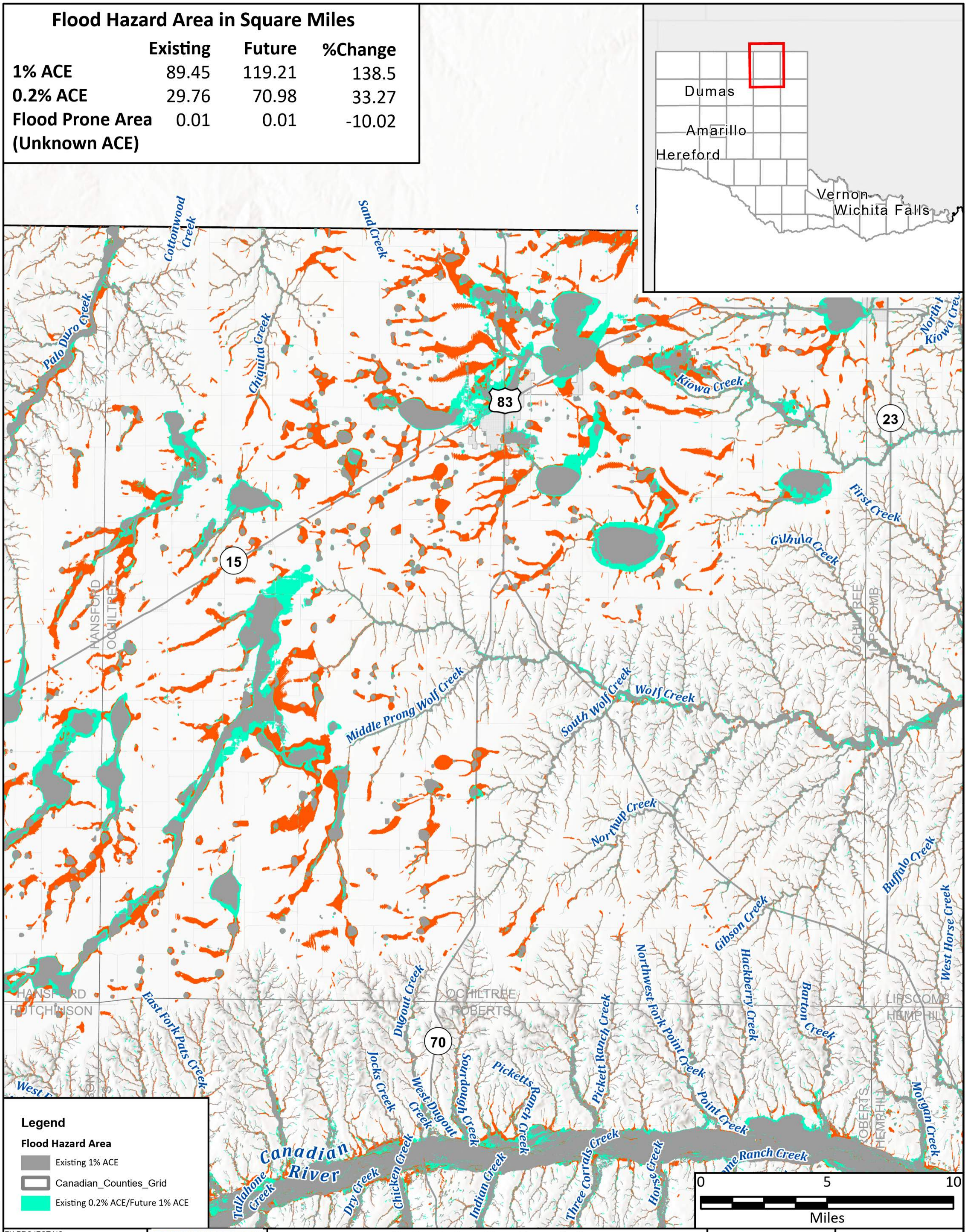
Flood Hazard Area in Square Miles

	Existing	Future	%Change
1% ACE	89.45	119.21	138.5
0.2% ACE	29.76	70.98	33.27
Flood Prone Area (Unknown ACE)	0.01	0.01	-10.02



Dumas
Amarillo
Hereford
Vernon
Wichita Falls
Cottonwood Creek
Sand Creek
Palo Duro Creek
Chiquita Creek
83
Kiowa Creek
North Kiowa Cre
23
First Creek
Gilhula Creek
15
HANSFORD
OCHILTREE
OCHILTREE
LIPSCOMB
Middle Prong Wolf Creek
South Wolf Creek
Wolf Creek
Northup Creek
Buffalo Creek
Gibson Creek
West Horse Creek
Hackberry Creek
Northwest Fork Point Creek
Barton Creek
HANSFORD
HUTCHINSON
East Fork Pats Creek
Dugout Creek
OCHILTREE
ROBERTS
LIPSCOMB
HEMPHILL
70
Jocks Creek
West Dugout Creek
Sourdough Creek
Picketts Ranch Creek
Pickett Ranch Creek
Point Creek
ROBERTS
HEMPHILL
Morgan Creek
Canadian River
Tallahone Creek
Dry Creek
Chicken Creek
Indian Creek
Three Corrals Creek
Horse Creek
me Ranch Creek
0
5
10
Miles
N

Legend

Flood Hazard Area

- ■ Existing 1% ACE
- ☐ Canadian_Counties_Grid
- 🟩 Existing 0.2% ACE/Future 1% ACE

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REGION 1 CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

FREESE AND NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red

Ochiltree County

Extent of Increase of Flood Hazard Compared to Existing Condition

Map 10

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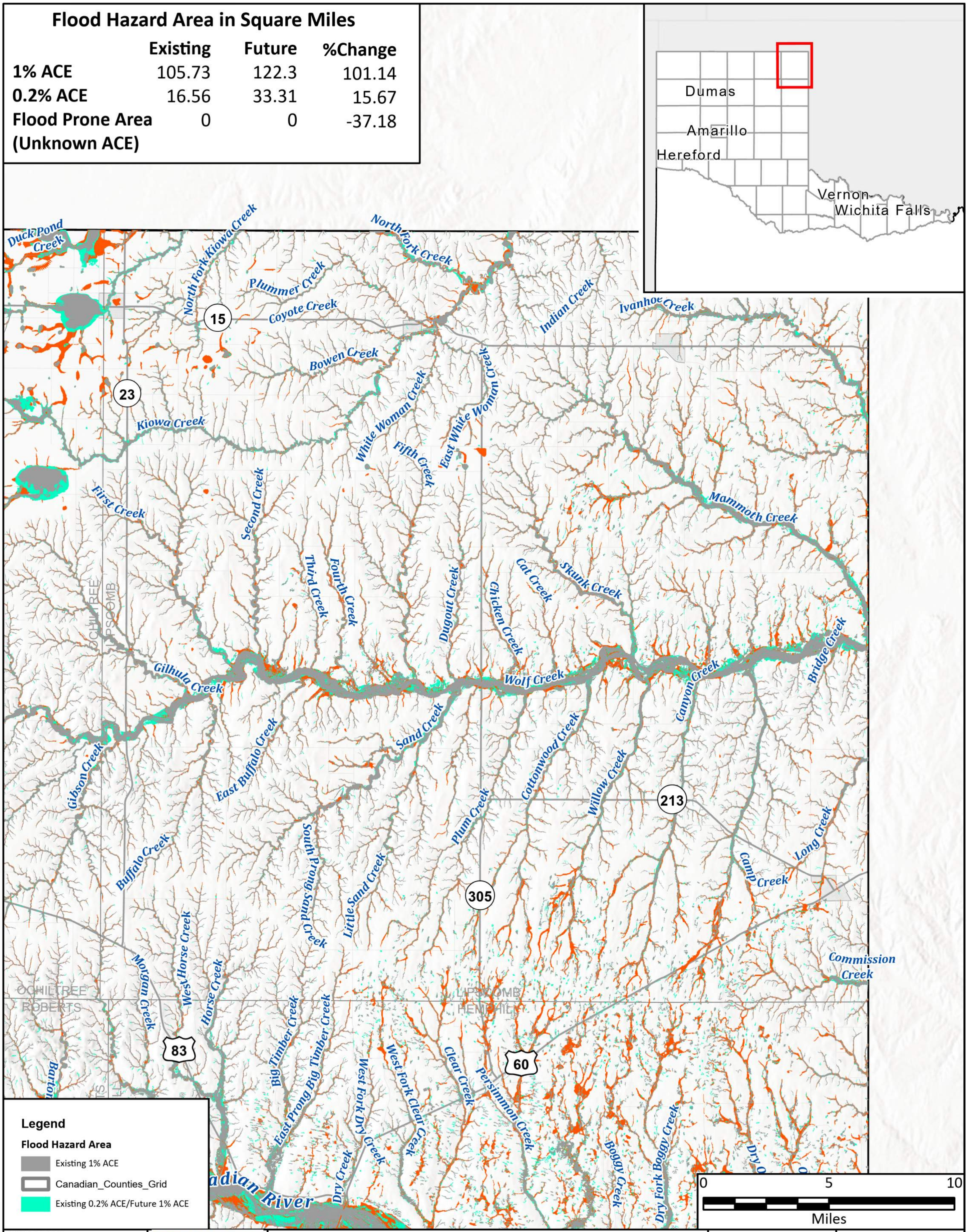
Flood Hazard Area in Square Miles

	Existing	Future	%Change
1% ACE	105.73	122.3	101.14
0.2% ACE	16.56	33.31	15.67
Flood Prone Area (Unknown ACE)	0	0	-37.18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Amarillo
Hereford
Vernon
Wichita Falls
Duck Pond Creek
North Fork Kiowa Creek
North Fork Creek
Plummer Creek
Coyote Creek
Indian Creek
Ivanhoe Creek
15
Bowen Creek
23
Kiowa Creek
White Woman Creek
East White Woman Creek
Fifth Creek
First Creek
Second Creek
Mammoth Creek
Third Creek
Fourth Creek
Dugout Creek
Chicken Creek
Cat Creek
Skunk Creek
OCHILTREE
LIPSCOMB
Gilhula Creek
Wolf Creek
Canyon Creek
Bridge Creek
Gibson Creek
East Buffalo Creek
Sand Creek
Cottonwood Creek
Willow Creek
213
Plum Creek
Buffalo Creek
South Prong Sand Creek
Little Sand Creek
305
Long Creek
Camp Creek
Commission Creek
Morgan Creek
West Horse Creek
Horse Creek
OCHILTREE
ROBERTS
LIPSCOMB
HEMPHILL
83
Big Timber Creek
East Prong Big Timber Creek
West Fork Dry Creek
West Fork Clear Creek
Clear Creek
Persimmon Creek
60
Barton
Dry Creek
Canadian River
Boggy Creek
Dry Fork Boggy Creek
0
5
10
Miles

Legend

Flood Hazard Area

- ▨ Existing 1% ACE
- ☐ Canadian_Counties_Grid
- 🟩 Existing 0.2% ACE/Future 1% ACE

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FILE NAME
ImportsFromArcMap
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REGION 1 CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

FREESE AND NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red

Lipscomb County

Extent of Increase of Flood Hazard Compared to Existing Condition

N

Map 10

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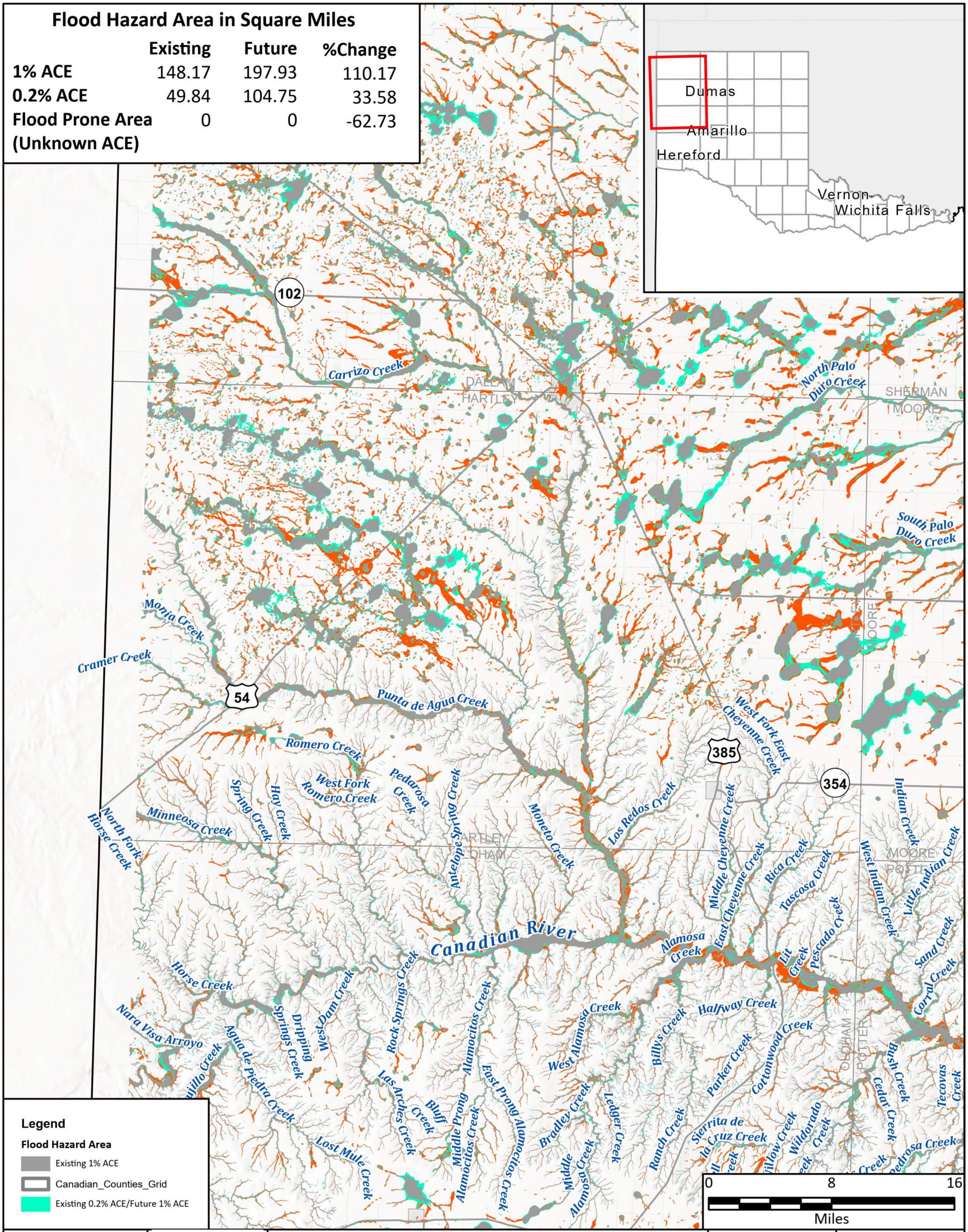
Flood Hazard Area in Square Miles

	Existing	Future	%Change
1% ACE	148.17	197.93	110.17
0.2% ACE	49.84	104.75	33.58
Flood Prone Area (Unknown ACE)	0	0	-62.73


Dumas
Amarillo
Hereford
Vernon
Wichita Falls
102
54
385
354
Carrizo Creek
DALLAM
HARTLEY
SHERMAN
MOORE
North Palo Duro Creek
South Palo Duro Creek
Monia Creek
Cramer Creek
Punta de Agua Creek
Romero Creek
West Fork Romero Creek
Pedarosa Creek
Antelope Spring Creek
Moneto Creek
Los Redos Creek
West Fork East Cheyenne Creek
Middle Cheyenne Creek
East Cheyenne Creek
Rica Creek
Tascosa Creek
West Indian Creek
Indian Creek
Little Indian Creek
North Fork Horse Creek
Minneosa Creek
Spring Creek
Hay Creek
HARTLEY
OLDHAM
MOORE
POTTER
Canadian River
Alamosa Creek
Lit Creek
Pescado Creek
Sand Creek
Corral Creek
Horse Creek
Nara Visa Arroyo
Agua de Piedra Creek
Trujillo Creek
Dripping Springs Creek
West Dam Creek
Rock Springs Creek
Alamocitos Creek
Las Arches Creek
Bluff Creek
Middle Prong Alamocitos Creek
East Prong Alamocitos Creek
West Alamosa Creek
Alamosa Creek
Middle Alamosa Creek
Bradley Creek
Ledger Creek
Billys Creek
Halfway Creek
Parker Creek
Cottonwood Creek
Ranch Creek
Sierrita de la Cruz Creek
Willow Creek
Wildorado Creek
OLDHAM
POTTER
Bush Creek
Cedar Creek
Tecovas Creek
Pedrosa Creek
Lost Mule Creek
0
8
16
Miles

Legend

Flood Hazard Area

▨ Existing 1% ACE

☐ Canadian_Counties_Grid

🟩 Existing 0.2% ACE/Future 1% ACE

FN PROJECT NO.	PPC21323
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REGION 1 CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

FREESE AND NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red

Hartley County

Extent of Increase of Flood Hazard Compared to Existing Condition

N

Map 10

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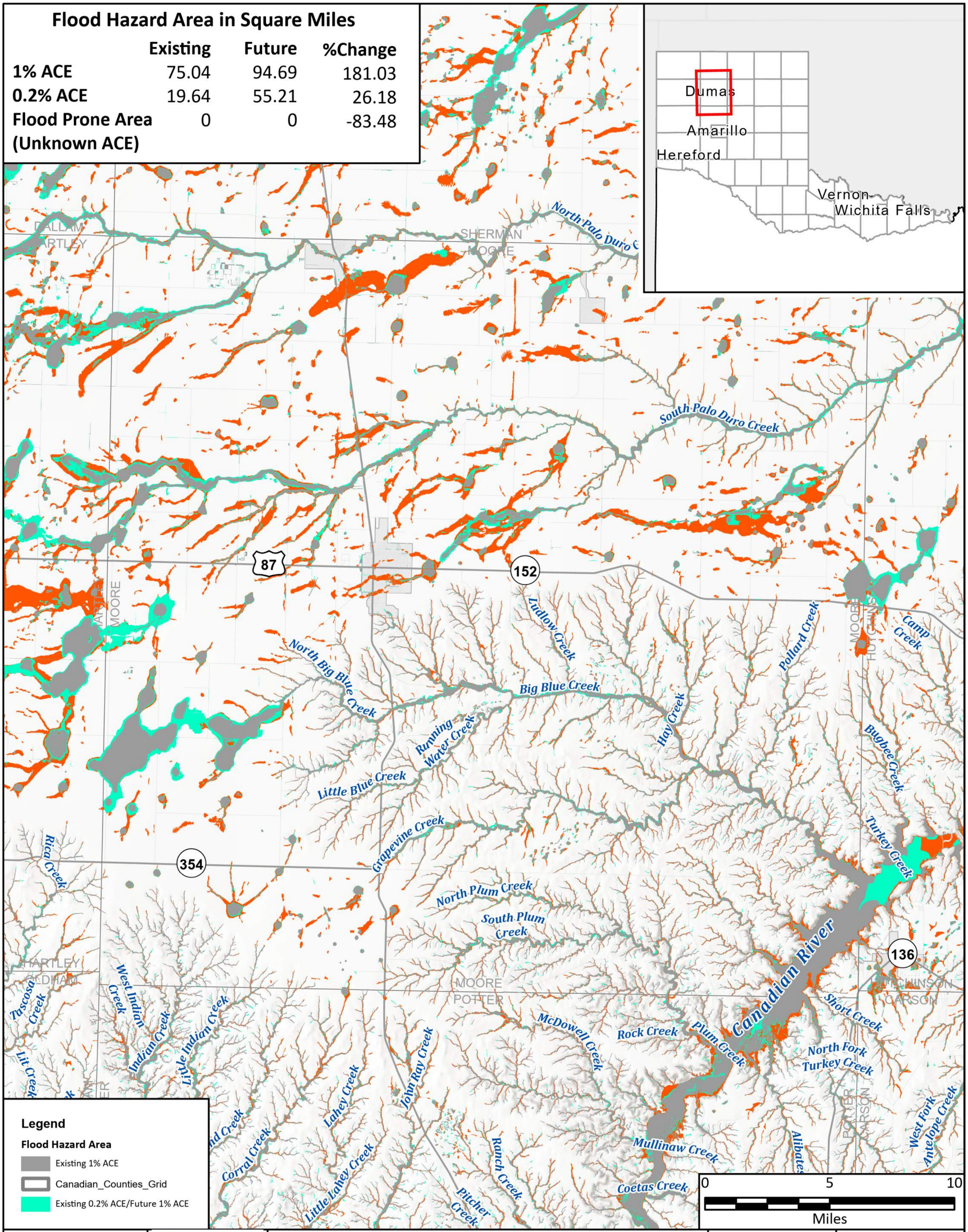
Flood Hazard Area in Square Miles

	Existing	Future	%Change
1% ACE	75.04	94.69	181.03
0.2% ACE	19.64	55.21	26.18
Flood Prone Area (Unknown ACE)	0	0	-83.48



Dumas
Amarillo
Hereford
Vernon
Wichita Falls
DALLAM
HARTLEY
SHERMAN
MOORE
North Palo Duro Creek
South Palo Duro Creek
87
152
354
136
Ludlow Creek
Pollard Creek
Camp Creek
North Big Blue Creek
Big Blue Creek
Hay Creek
Running Water Creek
Little Blue Creek
Bugbee Creek
Grapevine Creek
Turkey Creek
Rica Creek
North Plum Creek
South Plum Creek
Canadian River
HUTCHINSON
CARSON
POTTER
OLDHAM
West Indian Creek
Tascosa Creek
Indian Creek
Little Indian Creek
Lit Creek
McDowell Creek
Rock Creek
Plum Creek
Short Creek
North Fork Turkey Creek
John Ray Creek
Lahey Creek
Corral Creek
Little Lahey Creek
Ranch Creek
Pitcher Creek
Mullinaw Creek
Coetas Creek
Alibates
West Fork Antelope Creek
0
5
10
Miles

Legend

Flood Hazard Area

- ▆ Existing 1% ACE
- ☐ Canadian_Counties_Grid
- 🟩 Existing 0.2% ACE/Future 1% ACE

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DATE CREATED	6/21/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mapping System Lambert
FILE NAME	ImportsFromArcMap
PREPARED BY	HDO

REGION 1 CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

FREESE AND NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red

Moore County

Extent of Increase of Flood Hazard Compared to Existing Condition

Map 10

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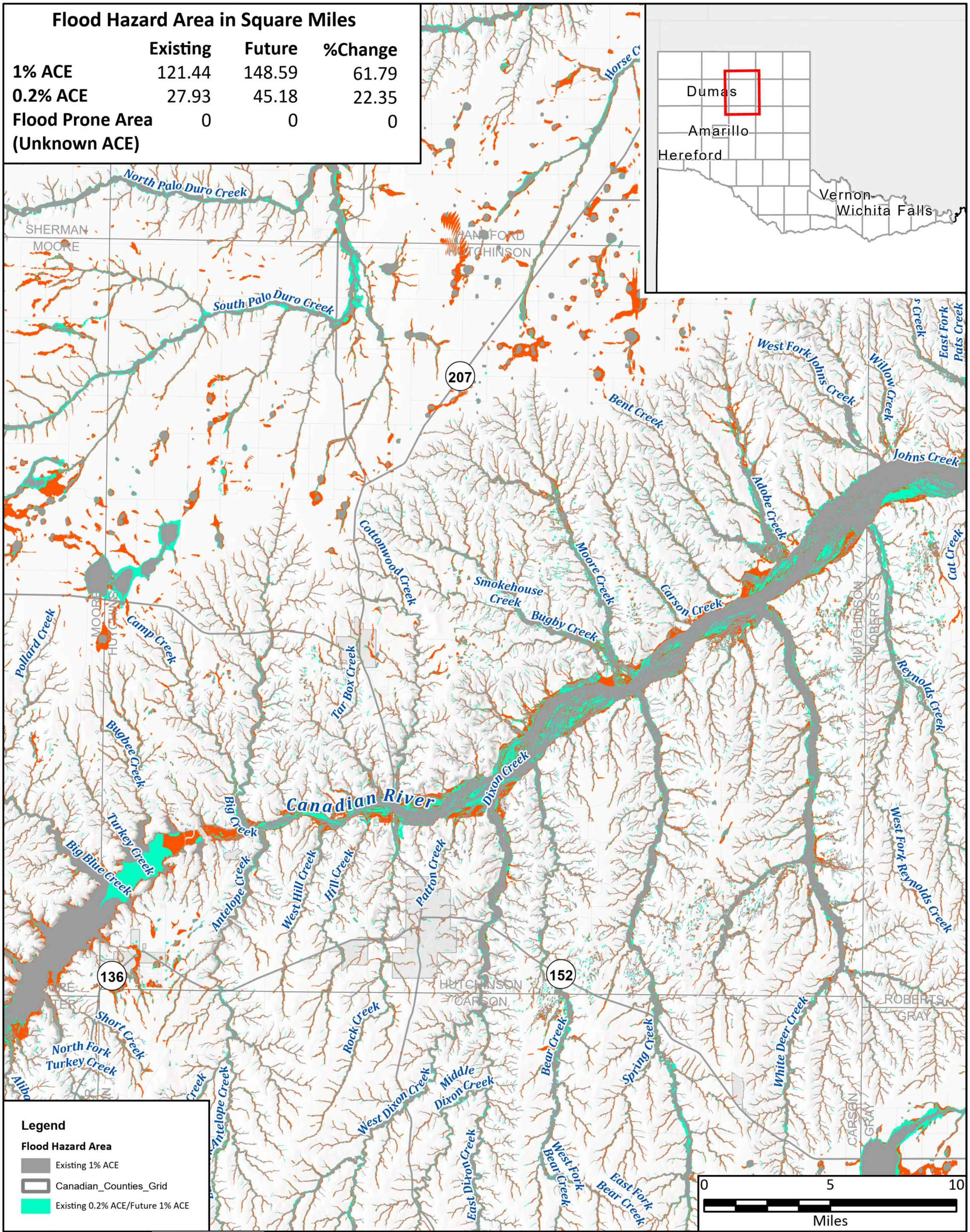
Flood Hazard Area in Square Miles

	Existing	Future	%Change
1% ACE	121.44	148.59	61.79
0.2% ACE	27.93	45.18	22.35
Flood Prone Area (Unknown ACE)	0	0	0


Dumas
Amarillo
Hereford
Vernon
Wichita Falls
Horse C
North Palo Duro Creek
SHERMAN
MOORE
HANSFORD
HUTCHINSON
South Palo Duro Creek
207
West Fork Johns Creek
Willow Creek
East Fork Pats Creek
Bent Creek
Johns Creek
Adobe Creek
Cottonwood Creek
Moore Creek
Smokehouse Creek
Carson Creek
Bugby Creek
Cat Creek
Camp Creek
Pollard Creek
Tar Box Creek
HUTCHINSON
ROBERTS
Reynolds Creek
Bugbee Creek
Big Creek
Canadian River
Dixon Creek
Turkey Creek
Big Blue Creek
Antelope Creek
West Hill Creek
Hill Creek
Patton Creek
West Fork Reynolds Creek
136
152
HUTCHINSON
CARSON
ROBERTS
GRAY
Short Creek
North Fork Turkey Creek
Rock Creek
Bear Creek
Spring Creek
White Deer Creek
West Dixon Creek
Middle Dixon Creek
Antelope Creek
East Dixon Creek
West Fork Bear Creek
East Fork Bear Creek
CARSON
GRAY
0
5
10
Miles

Legend

Flood Hazard Area

■	Existing 1% ACE
☐	Canadian_Counties_Grid
■	Existing 0.2% ACE/Future 1% ACE

FN PROJECT NO.	PPC21323
DATE CREATED	6/21/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mapping System Lambert
FILE NAME	ImportsFromArcMap
PREPARED BY	HDO

REGION 1 CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

FREESE AND NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red

Hutchinson County

Extent of Increase of Flood Hazard Compared to Existing Condition

N

Map 10

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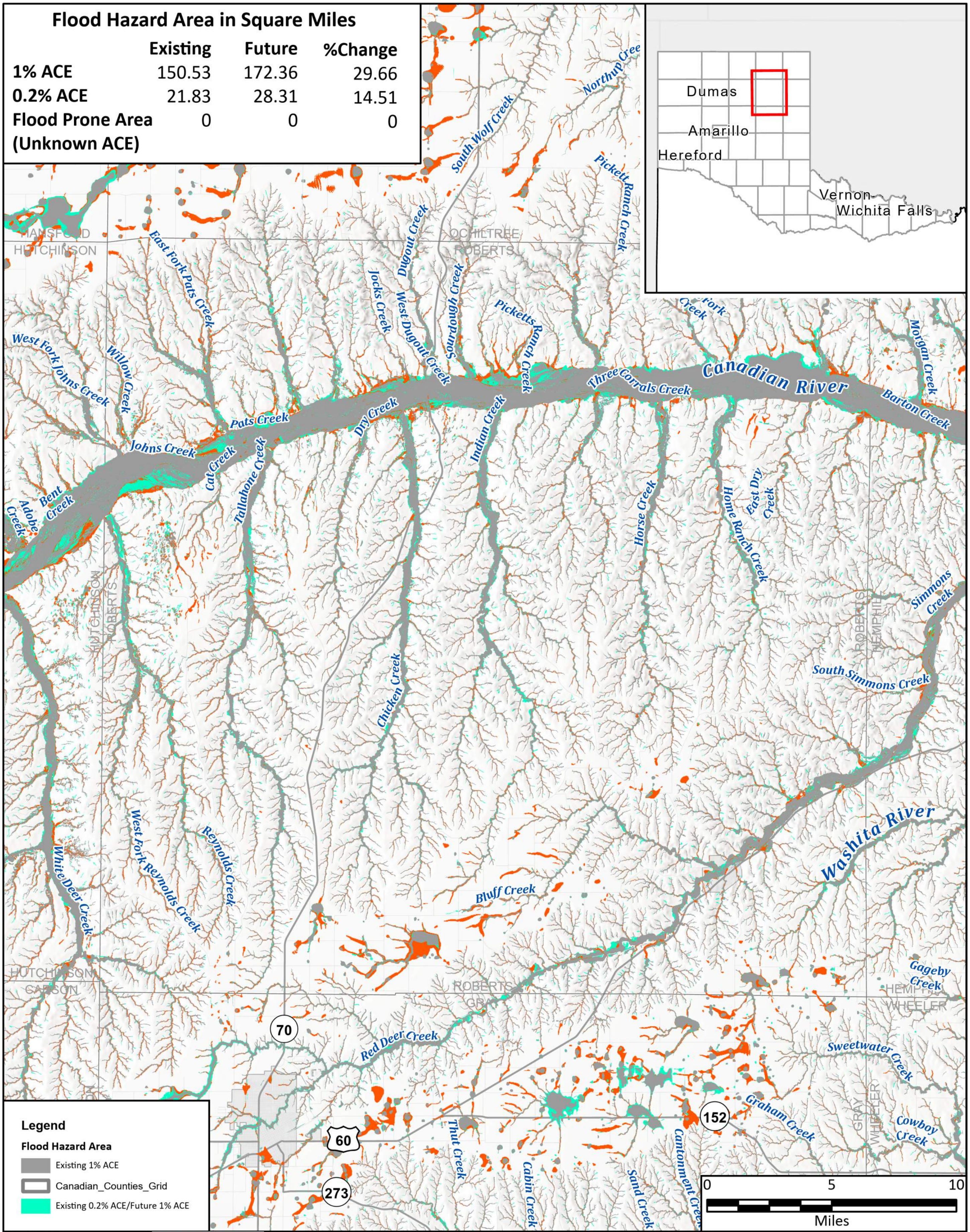
Flood Hazard Area in Square Miles

	Existing	Future	%Change
1% ACE	150.53	172.36	29.66
0.2% ACE	21.83	28.31	14.51
Flood Prone Area (Unknown ACE)	0	0	0



Dumas
Amarillo
Hereford
Vernon
Wichita Falls
HANSFORD
HUTCHINSON
OCHILTREE
ROBERTS
HUTCHINSON
ROBERTS
ROBERTS
HEMPHILL
HUTCHINSON
CARSON
ROBERTS
GRAY
HEMPHILL
WHEELER
GRAY
WHEELER
Northup Cree
South Wolf Creek
Pickett Ranch Creek
East Fork Pats Creek
Dugout Creek
Jocks Creek
West Dugout Creek
Sourdough Creek
Picketts Ranch Creek
Fork Creek
Morgan Creek
West Fork Johns Creek
Willow Creek
Canadian River
Three Corrals Creek
Barton Creek
Pats Creek
Dry Creek
Indian Creek
Johns Creek
Cat Creek
Tallahone Creek
Bent Creek
Adobe Creek
Horse Creek
Home Ranch Creek
East Dry Creek
Simmons Creek
South Simmons Creek
Chicken Creek
Washita River
West Fork Reynolds Creek
Reynolds Creek
White Deer Creek
Bluff Creek
Gageby Creek
Red Deer Creek
Sweetwater Creek
70
60
152
273
Graham Creek
Cowboy Creek
Thut Creek
Cabin Creek
Sand Creek
Cantonment Creek
0
5
10
Miles

Legend

Flood Hazard Area

- ▆ Existing 1% ACE
- ☐ Canadian_Counties_Grid
- 🟩 Existing 0.2% ACE/Future 1% ACE

FN PROJECT NO.	PPC21323
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REGION 1 CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

FREESE AND NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red

Roberts County

Extent of Increase of Flood Hazard Compared to Existing Condition

N

Map 10

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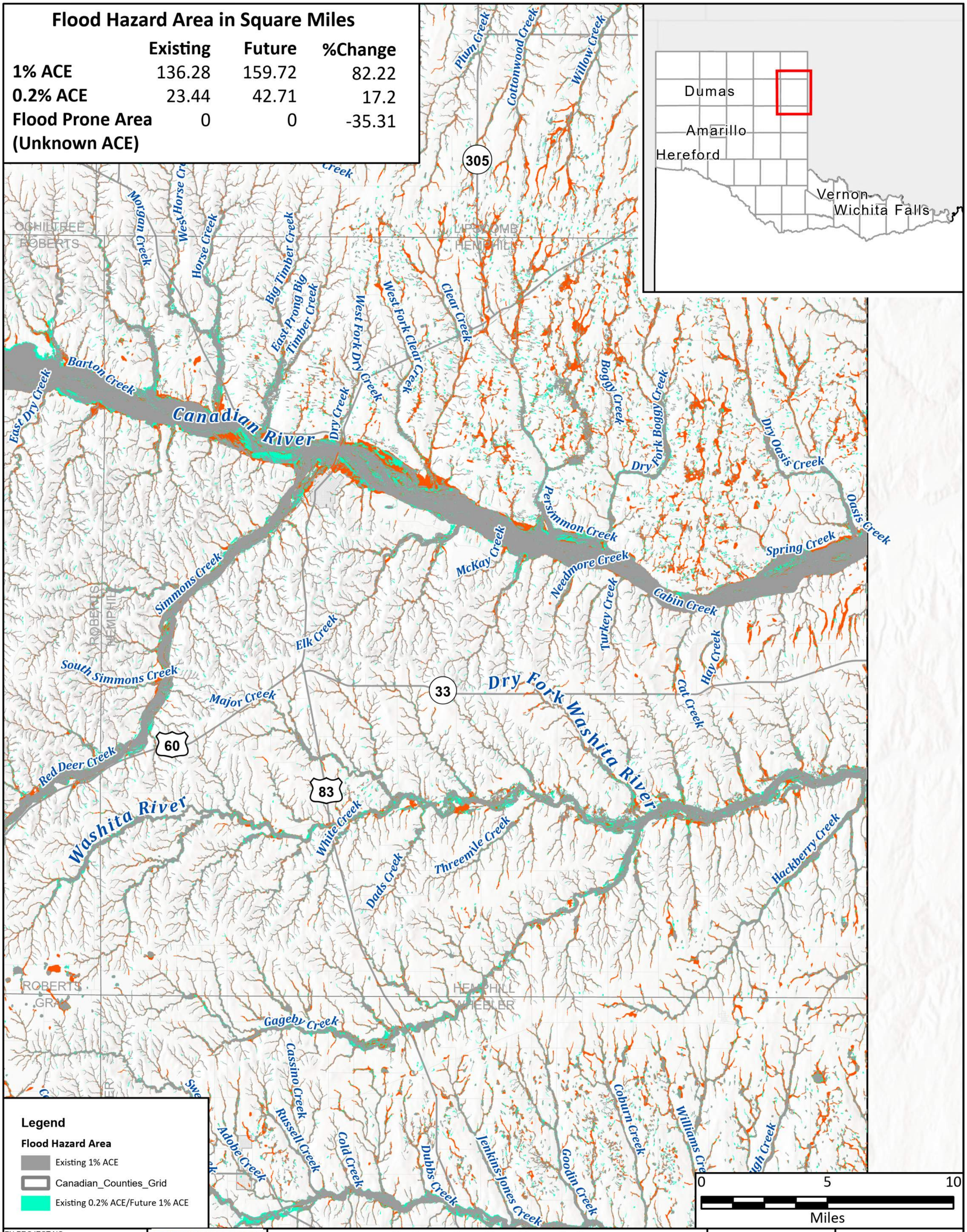
Flood Hazard Area in Square Miles

	Existing	Future	%Change
1% ACE	136.28	159.72	82.22
0.2% ACE	23.44	42.71	17.2
Flood Prone Area (Unknown ACE)	0	0	-35.31



Dumas
Amarillo
Hereford
Vernon
Wichita Falls
Plum Creek
Cottonwood Creek
Willow Creek
305
Creek
Morgan Creek
West Horse Creek
Horse Creek
Big Timber Creek
East Prong Big Timber Creek
West Fork Dry Creek
West Fork Clear Creek
Clear Creek
OCHILTREE
ROBERTS
LIPSCOMB
HEMPHILL
Barton Creek
East Dry Creek
Canadian River
Dry Creek
Boggy Creek
Boggy Creek
Dry Fork
Dry Oasis Creek
Oasis Creek
Persimmon Creek
Spring Creek
McKay Creek
Needmore Creek
Cabin Creek
Turkey Creek
Hay Creek
Simmons Creek
ROBERTS
HEMPHILL
Elk Creek
South Simmons Creek
Major Creek
33
Dry Fork Washita River
Cat Creek
60
Red Deer Creek
83
Washita River
White Creek
Threemile Creek
Hackberry Creek
Dads Creek
ROBERTS
GRAY
HEMPHILL
WHEELER
Gageby Creek
Cassino Creek
Russell Creek
Adobe Creek
Cold Creek
Dubbs Creek
Jenkins-Jones Creek
Goodin Creek
Coburn Creek
Williams Creek
Creek
0
5
10
Miles
N

Legend

Flood Hazard Area

▨	Existing 1% ACE
☐	Canadian_Counties_Grid
🟩	Existing 0.2% ACE/Future 1% ACE

FN PROJECT NO.
PPC21323

DATE CREATED
6/21/2023

DATUM & COORDINATE SYSTEM
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FILE NAME
ImportsFromArcMap

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REGION 1 CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

FREESE AND NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red

Hemphill County

Extent of Increase of Flood Hazard Compared to Existing Condition

Map 10
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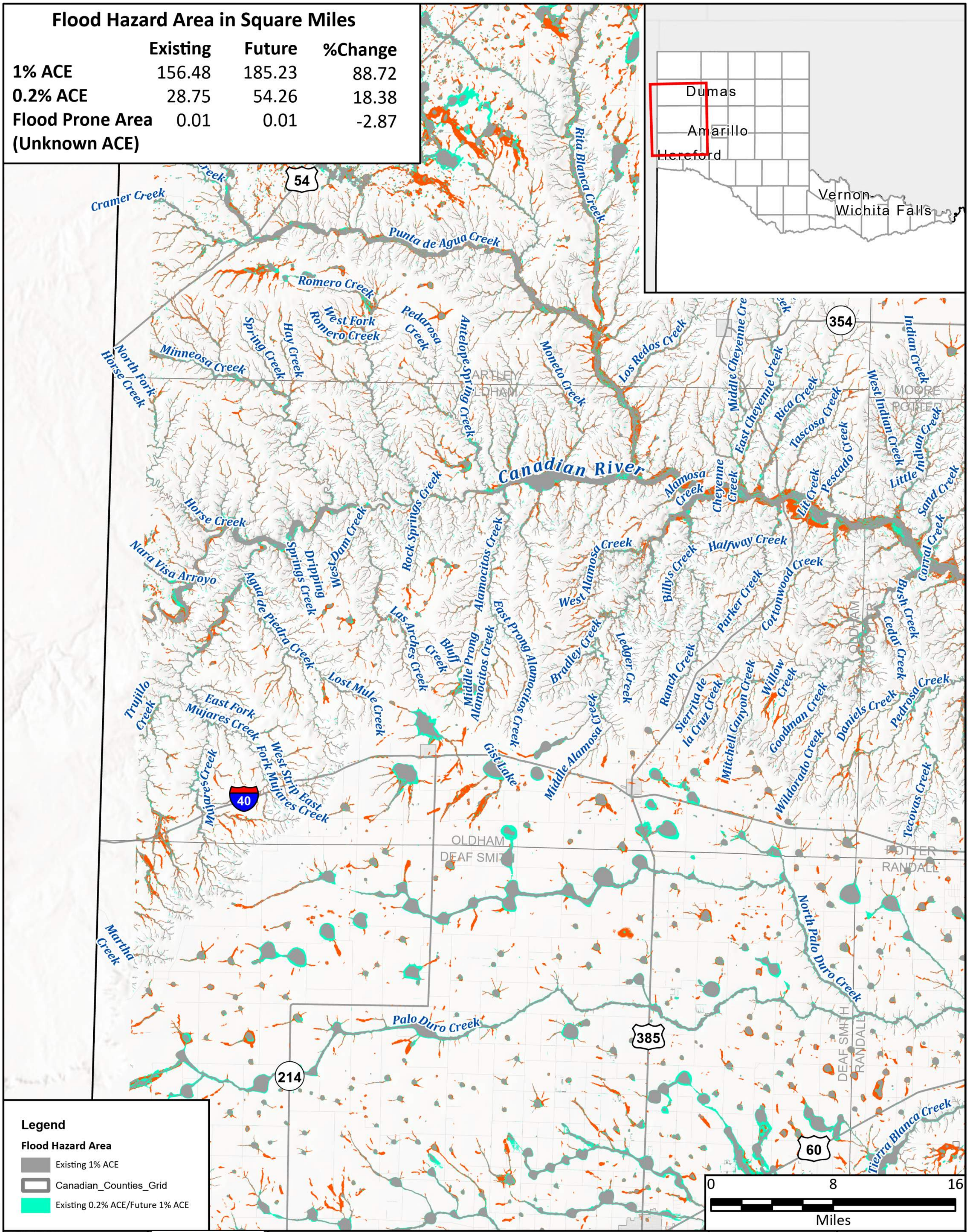
Flood Hazard Area in Square Miles

	Existing	Future	%Change
1% ACE	156.48	185.23	88.72
0.2% ACE	28.75	54.26	18.38
Flood Prone Area (Unknown ACE)	0.01	0.01	-2.87


reek
Cramer Creek
54
Punta de Agua Creek
Rita Blanca Creek
Romero Creek
West Fork Romero Creek
Pedarosa Creek
Spring Creek
Hay Creek
Antelope Spring Creek
Moneto Creek
Los Redos Creek
Minneosa Creek
North Fork Horse Creek
ARTLEY
OLDHAM
Middle Cheyenne Cre
ek
East Cheyenne Creek
Rica Creek
Tascosa Creek
354
Indian Creek
West Indian Creek
MOORE
POTTER
Canadian River
Alamosa Creek
Cheyenne Creek
Lit Creek
Pescado Creek
Little Indian Creek
Sand Creek
Horse Creek
Rock Springs Creek
Alamocitos Creek
Halfway Creek
Corral Creek
Nara Visa Arroyo
Dripping Springs Creek
West Dam Creek
West Alamosa Creek
Billys Creek
Cottonwood Creek
Parker Creek
Bush Creek
Agua de Piedra Creek
Las Arches Creek
Bluff Creek
Middle Prong Alamocitos Creek
East Prong Alamocitos Creek
Bradley Creek
Ledger Creek
Ranch Creek
Sierrita de la Cruz Creek
Mitchell Canyon Creek
Willow Creek
Goodman Creek
Daniels Creek
Pedrosa Creek
Cedar Creek
OLDHAM
POTTER
Lost Mule Creek
Trujillo Creek
East Fork Mujares Creek
West Strip East Fork Mujares Creek
Mujares Creek
40
Gist Lake
Middle Alamosa Creek
Wildorado Creek
Tecovas Creek
OLDHAM
DEAF SMITH
POTTER
RANDALL
North Palo Duro Creek
Martha Creek
Palo Duro Creek
385
214
DEAF SMITH
RANDALL
60
Tierra Blanca Creek
Dumas
Amarillo
Hereford
Vernon
Wichita Falls
0
8
16
Miles

Legend

Flood Hazard Area

- ▨ Existing 1% ACE
- ☐ Canadian_Counties_Grid
- 🟩 Existing 0.2% ACE/Future 1% ACE

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FREESE AND NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red

Oldham County

Extent of Increase of Flood Hazard Compared to Existing Condition

N

Map 10

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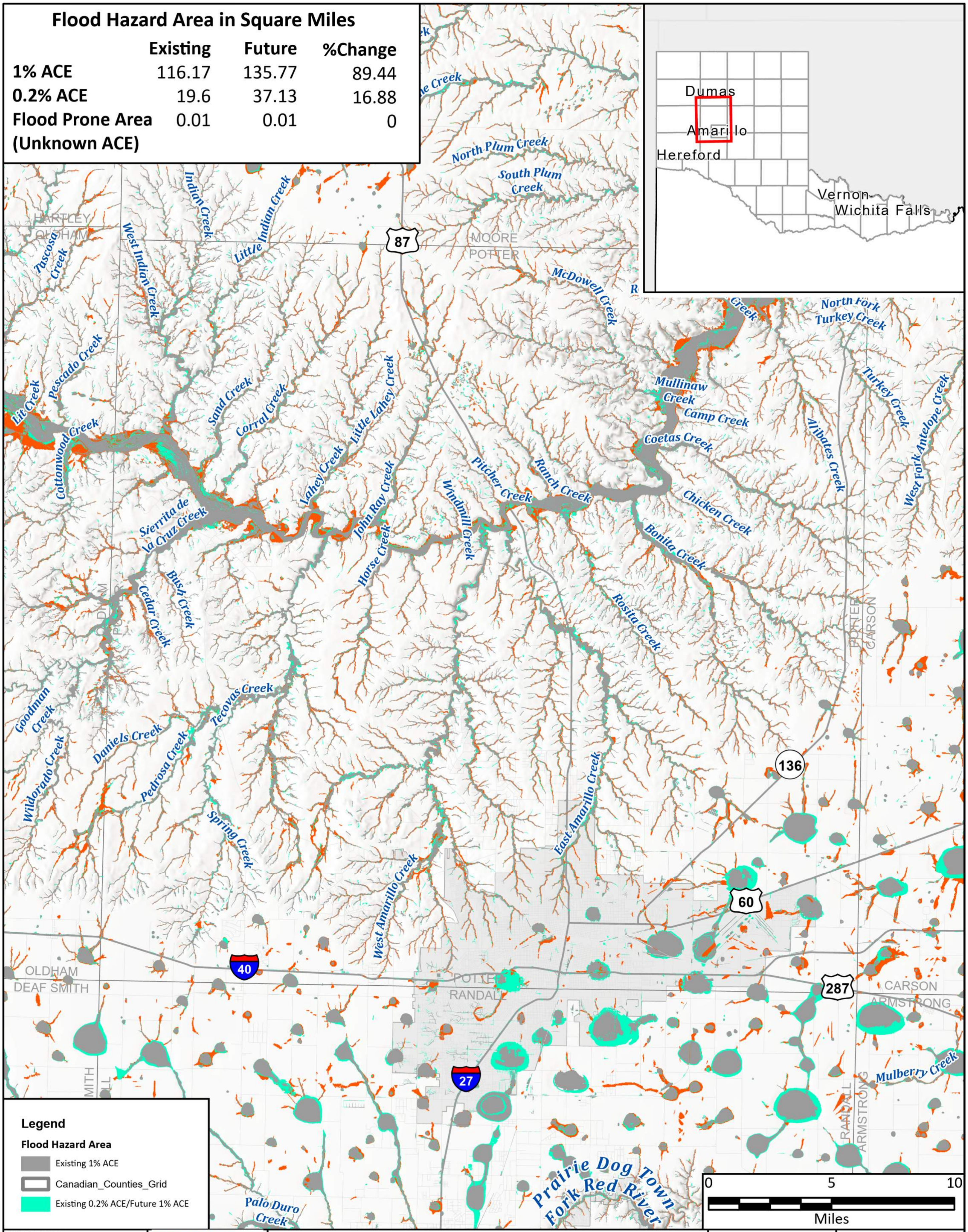
Flood Hazard Area in Square Miles

	Existing	Future	%Change
1% ACE	116.17	135.77	89.44
0.2% ACE	19.6	37.13	16.88
Flood Prone Area (Unknown ACE)	0.01	0.01	0



Dumas
Amarillo
Hereford
Vernon
Wichita Falls
North Plum Creek
South Plum Creek
Indian Creek
Little Indian Creek
West Indian Creek
Tascosa Creek
HARTLEY
OLDHAM
MOORE
POTTER
87
McDowell Creek
North Fork Turkey Creek
Turkey Creek
Mullinaw Creek
Camp Creek
Coetas Creek
Albates Creek
West Fork Antelope Creek
Pescado Creek
Lit Creek
Cottonwood Creek
Sand Creek
Corral Creek
Little Lahey Creek
Lahey Creek
John Ray Creek
Pitcher Creek
Ranch Creek
Chicken Creek
Windmill Creek
Sierrita de la Cruz Creek
Horse Creek
Bonita Creek
Bush Creek
Cedar Creek
Rosita Creek
POTTER
CARSON
Goodman Creek
Tecovas Creek
Daniels Creek
Wildorado Creek
Pedrosa Creek
Spring Creek
East Amarillo Creek
136
West Amarillo Creek
60
40
OLDHAM
DEAF SMITH
POTTER
RANDALL
287
CARSON
ARMSTRONG
27
Mulberry Creek
RANDALL
ARMSTRONG
Prairie Dog Town Fork Red River
Palo Duro Creek
0
5
10
Miles

Legend

Flood Hazard Area

- ▨ Existing 1% ACE
- ☐ Canadian_Counties_Grid
- 🟩 Existing 0.2% ACE/Future 1% ACE

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REGION 1 CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

FREESE AND NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red

Potter County

Extent of Increase of Flood Hazard Compared to Existing Condition

Map 10

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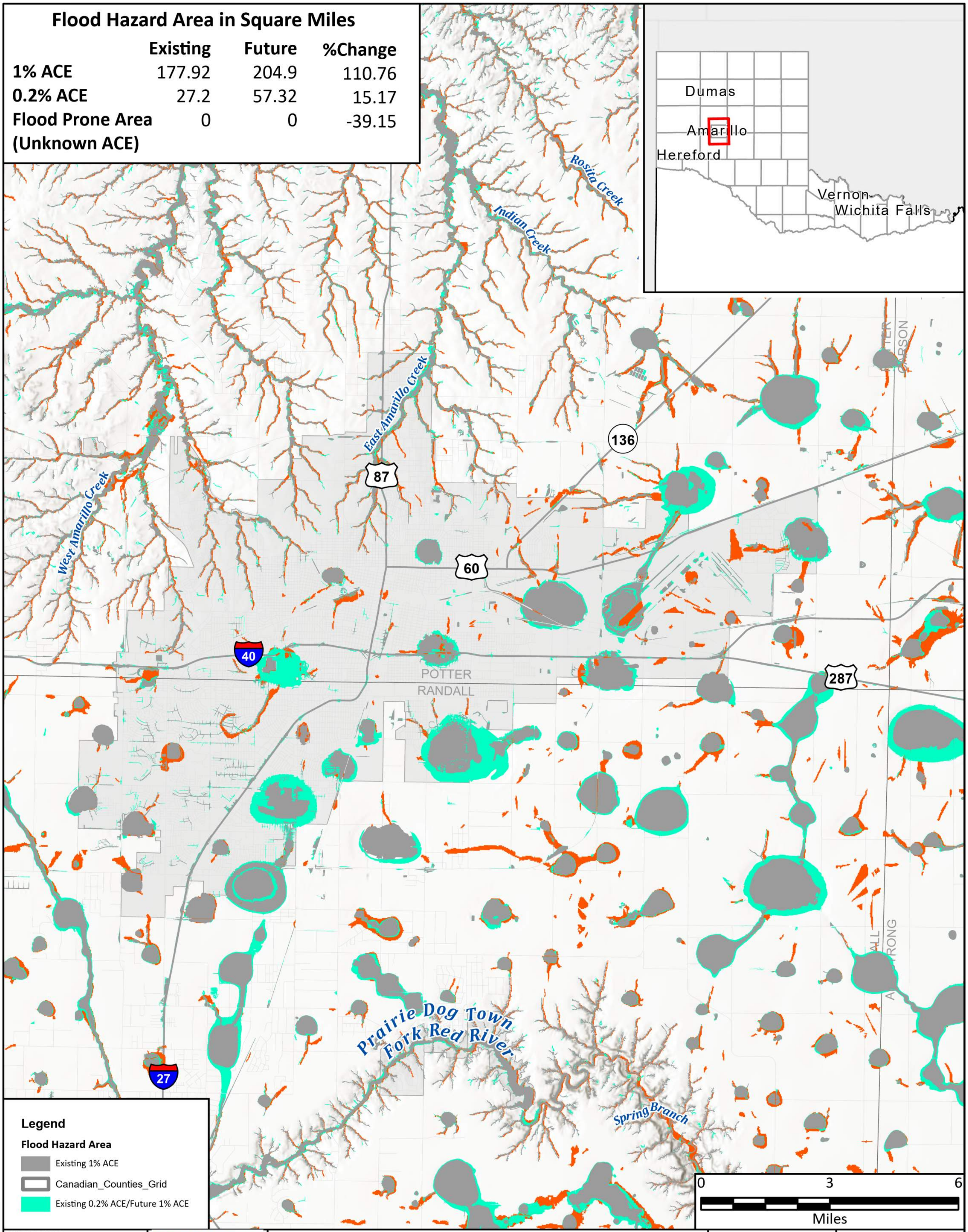
Flood Hazard Area in Square Miles

	Existing	Future	%Change
1% ACE	177.92	204.9	110.76
0.2% ACE	27.2	57.32	15.17
Flood Prone Area (Unknown ACE)	0	0	-39.15


Dumas
Amarillo
Hereford
Vernon
Wichita Falls
Rosita Creek
Indian Creek
East Amarillo Creek
West Amarillo Creek
136
87
60
40
287
27
CARSON
POTTER
RANDALL
Prairie Dog Town Fork Red River
Spring Branch
0
3
6
Miles
Legend
Flood Hazard Area
▨ Existing 1% ACE
☐ Canadian_Counties_Grid
🟩 Existing 0.2% ACE/Future 1% ACE

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FREESE AND NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red

City of Amarillo

Extent of Increase of Flood Hazard Compared to Existing Condition

Map 10

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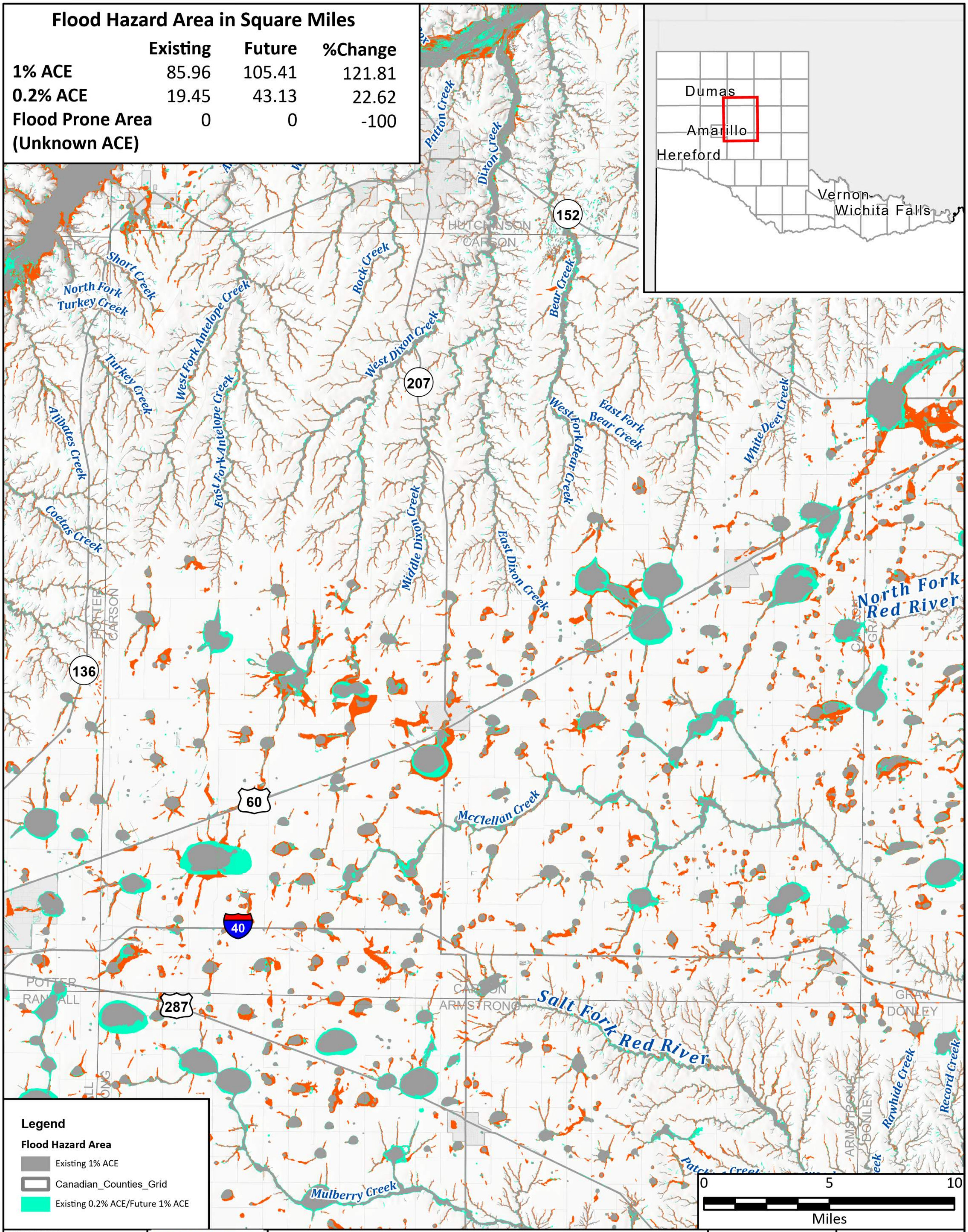
Flood Hazard Area in Square Miles

	Existing	Future	%Change
1% ACE	85.96	105.41	121.81
0.2% ACE	19.45	43.13	22.62
Flood Prone Area (Unknown ACE)	0	0	-100



Dumas
Amarillo
Hereford
Vernon
Wichita Falls
Patton Creek
Dixon Creek
152
HUTCHINSON
CARSON
Short Creek
North Fork Turkey Creek
West Fork Antelope Creek
Rock Creek
Bear Creek
West Dixon Creek
207
Turkey Creek
Alibates Creek
East Fork Antelope Creek
West Fork Bear Creek
East Fork Bear Creek
White Deer Creek
Coetas Creek
Middle Dixon Creek
East Dixon Creek
North Fork Red River
POTTER
CARSON
136
60
McClellan Creek
40
POTTER
RANDALL
287
CARSON
ARMSTRONG
Salt Fork Red River
GRAY
DONLEY
ARMSTRONG
DONLEY
Rowhide Creek
Record Creek
Mulberry Creek
Patton Creek
0
5
10
Miles

Legend

Flood Hazard Area

- ▨ Existing 1% ACE
- ☐ Canadian_Counties_Grid
- 🟩 Existing 0.2% ACE/Future 1% ACE

FN PROJECT NO.	PPC21323
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FILE NAME	ImportsFromArcMap
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REGION 1 CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

FREESE AND NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red

Carson County

Extent of Increase of Flood Hazard Compared to Existing Condition

Map 10

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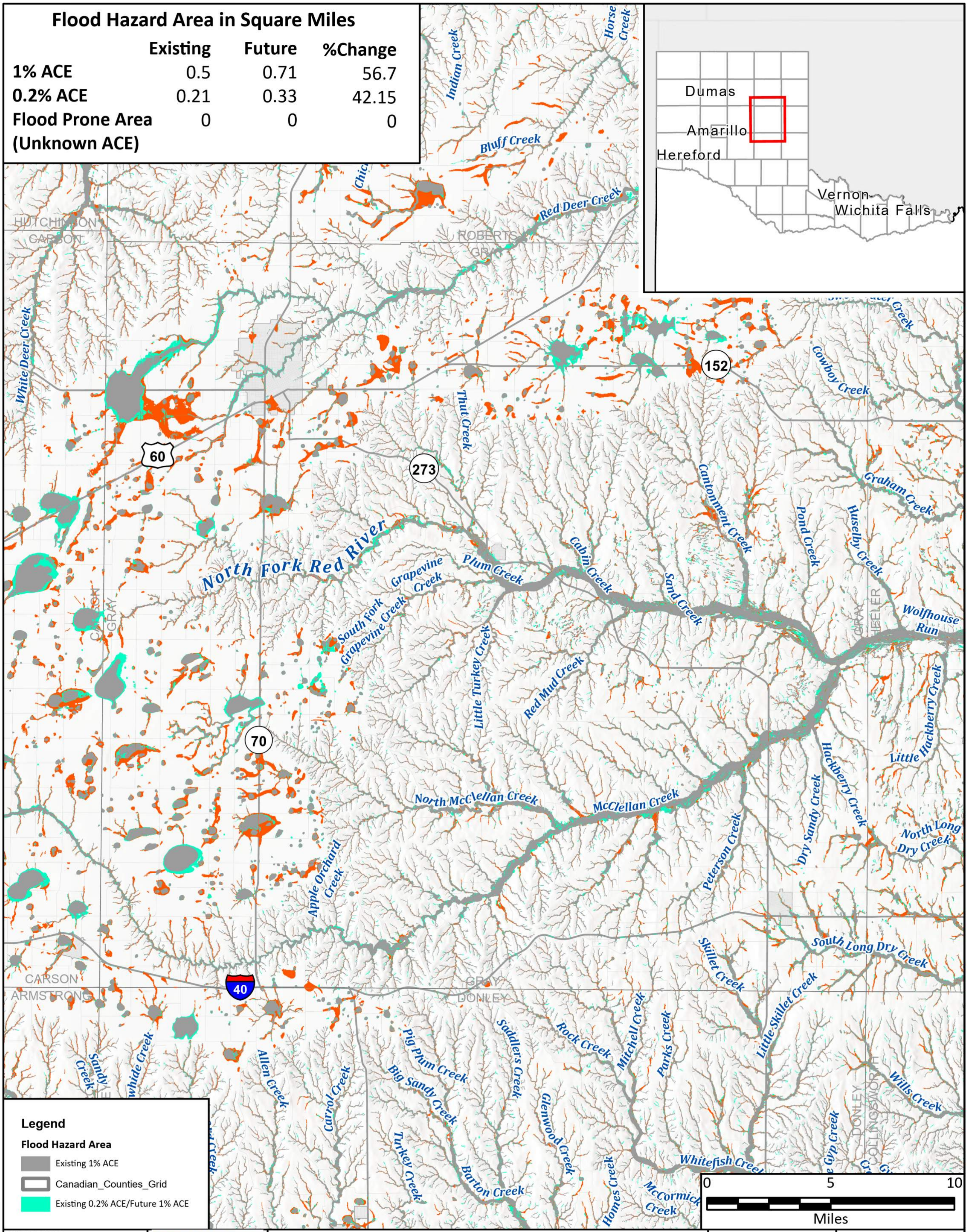
Horse Creek
Indian Creek
Bluff Creek
Chic
Red Deer Creek
HUTCHINSON
CARSON
ROBERTS
GRAY
White Deer Creek
60
152
273
Thut Creek
Cowboy Creek
Graham Creek
Cantonment Creek
Pond Creek
Huselby Creek
North Fork Red River
Grapevine Creek
Plum Creek
Cabin Creek
Sand Creek
Wolfhouse Run
South Fork Grapevine Creek
Little Turkey Creek
Red Mud Creek
CARSON
GRAY
WHEELER
70
Little Hackberry Creek
Hackberry Creek
North McClellan Creek
McClellan Creek
North Long Dry Creek
Dry Sandy Creek
Peterson Creek
Apple Orchard Creek
South Long Dry Creek
Skillet Creek
Little Skillet Creek
40
CARSON
ARMSTRONG
GRAY
DONLEY
Sandy Creek
whide Creek
Allen Creek
Carrol Creek
Pig Plum Creek
Big Sandy Creek
Saddlers Creek
Rock Creek
Mitchell Creek
Parks Creek
Wills Creek
Turkey Creek
Glenwood Creek
Barton Creek
Homes Creek
McCormick Creek
Whitefish Creek
Gyp Creek
DONLEY
COLLINGSWORTH
Dumas
Amarillo
Hereford
Vernon
Wichita Falls
0
5
10
Miles

Flood Hazard Area in Square Miles

	Existing	Future	%Change
1% ACE	0.5	0.71	56.7
0.2% ACE	0.21	0.33	42.15
Flood Prone Area (Unknown ACE)	0	0	0

Legend

Flood Hazard Area

- ▨ Existing 1% ACE
- ☐ Canadian_Counties_Grid
- 🟩 Existing 0.2% ACE/Future 1% ACE

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REGION 1 CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

FREESE AND NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red

Gray County

Extent of Increase of Flood Hazard Compared to Existing Condition

N

Map 10

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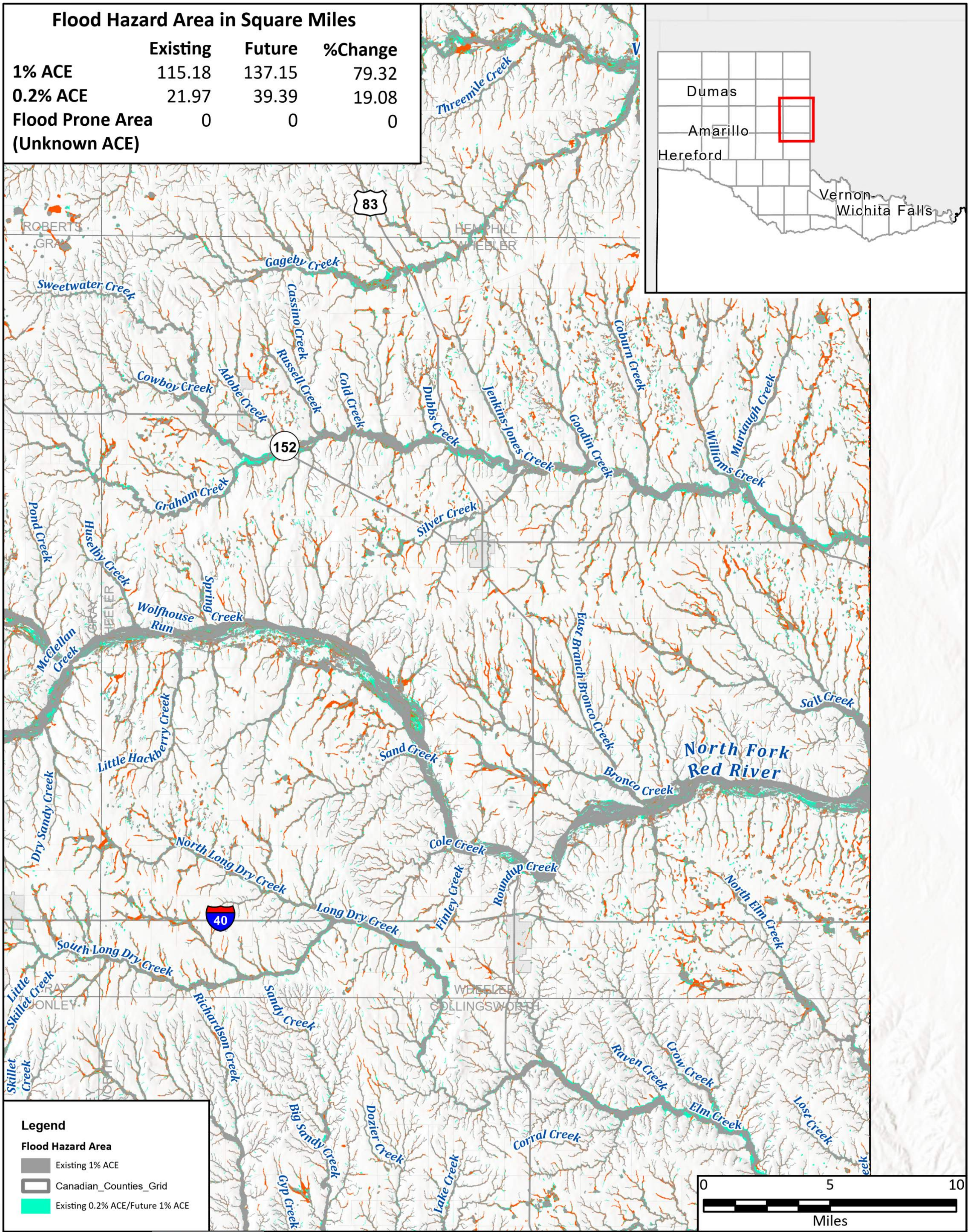
Flood Hazard Area in Square Miles

	Existing	Future	%Change
1% ACE	115.18	137.15	79.32
0.2% ACE	21.97	39.39	19.08
Flood Prone Area (Unknown ACE)	0	0	0


Dumas
Amarillo
Hereford
Vernon-
Wichita Falls
Threemile Creek
83
ROBERTS
GRAY
HEMPHILL
WHEELER
Gageby Creek
Sweetwater Creek
Cassino Creek
Russell Creek
Cowboy Creek
Adobe Creek
Cold Creek
Dubbs Creek
Jenkins-Jones Creek
Goodin Creek
Coburn Creek
Murtaugh Creek
Williams Creek
152
Graham Creek
Silver Creek
Pond Creek
Huselby Creek
Spring Creek
Wolfhouse Run
GRAY
WHEELER
McClellan Creek
East Branch Bronco Creek
Salt Creek
Little Hackberry Creek
Sand Creek
North Fork Red River
Bronco Creek
Dry Sandy Creek
Cole Creek
Roundup Creek
North Long Dry Creek
Finley Creek
North Elm Creek
40
Long Dry Creek
South Long Dry Creek
Little Skillet Creek
GRAY
DONLEY
WHEELER
COLLINGSWORTH
Sandy Creek
Richardson Creek
Skillet Creek
Raven Creek
Crow Creek
Elm Creek
Lost Creek
Big Sandy Creek
Dozier Creek
Corral Creek
Lake Creek
Gyp Creek
Legend
Flood Hazard Area
Existing 1% ACE
Canadian_Counties_Grid
Existing 0.2% ACE/Future 1% ACE
0
5
10
Miles

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REGION 1 CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

FREESE AND NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red

Wheeler County

Extent of Increase of Flood Hazard Compared to Existing Condition

N

Map 10

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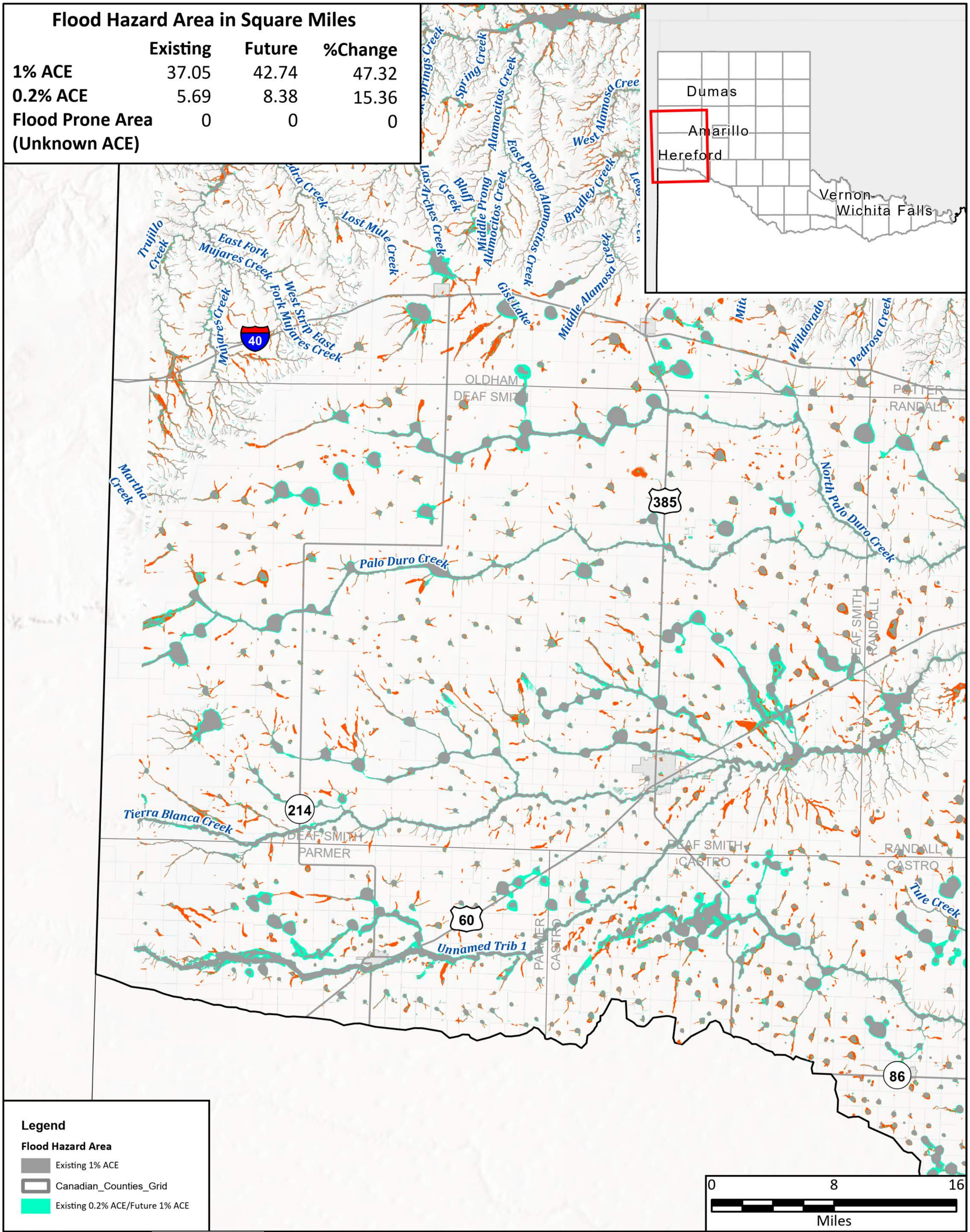
Flood Hazard Area in Square Miles

	Existing	Future	%Change
1% ACE	37.05	42.74	47.32
0.2% ACE	5.69	8.38	15.36
Flood Prone Area (Unknown ACE)	0	0	0



Springs Creek
Spring Creek
Alamocitos Creek
West Alamosa Creek
East Prong Alamocitos Creek
Bluff Creek
Middle Prong Alamocitos Creek
Las Arches Creek
Bradley Creek
Piedra Creek
Lost Mule Creek
Trujillo Creek
East Fork Mujares Creek
West Strip East Fork Mujares Creek
Mujares Creek
Gist Lake
Middle Alamosa Creek
Wildorado
Pedrosa Creek
40
OLDHAM
DEAF SMITH
POTTER
RANDALL
Martha Creek
385
North Palo Duro Creek
Palo Duro Creek
DEAF SMITH
RANDALL
214
Tierra Blanca Creek
DEAF SMITH
PARMER
DEAF SMITH
CASTRO
RANDALL
CASTRO
Tule Creek
60
Unnamed Trib 1
PARMER
CASTRO
86
Dumas
Amarillo
Hereford
Vernon
Wichita Falls
0
8
16
Miles

Legend

Flood Hazard Area

▨ Existing 1% ACE

☐ Canadian_Counties_Grid

🟩 Existing 0.2% ACE/Future 1% ACE

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REGION 1 CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

FREESE AND NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red

Deaf Smith County

Extent of Increase of Flood Hazard Compared to Existing Condition

Map 10

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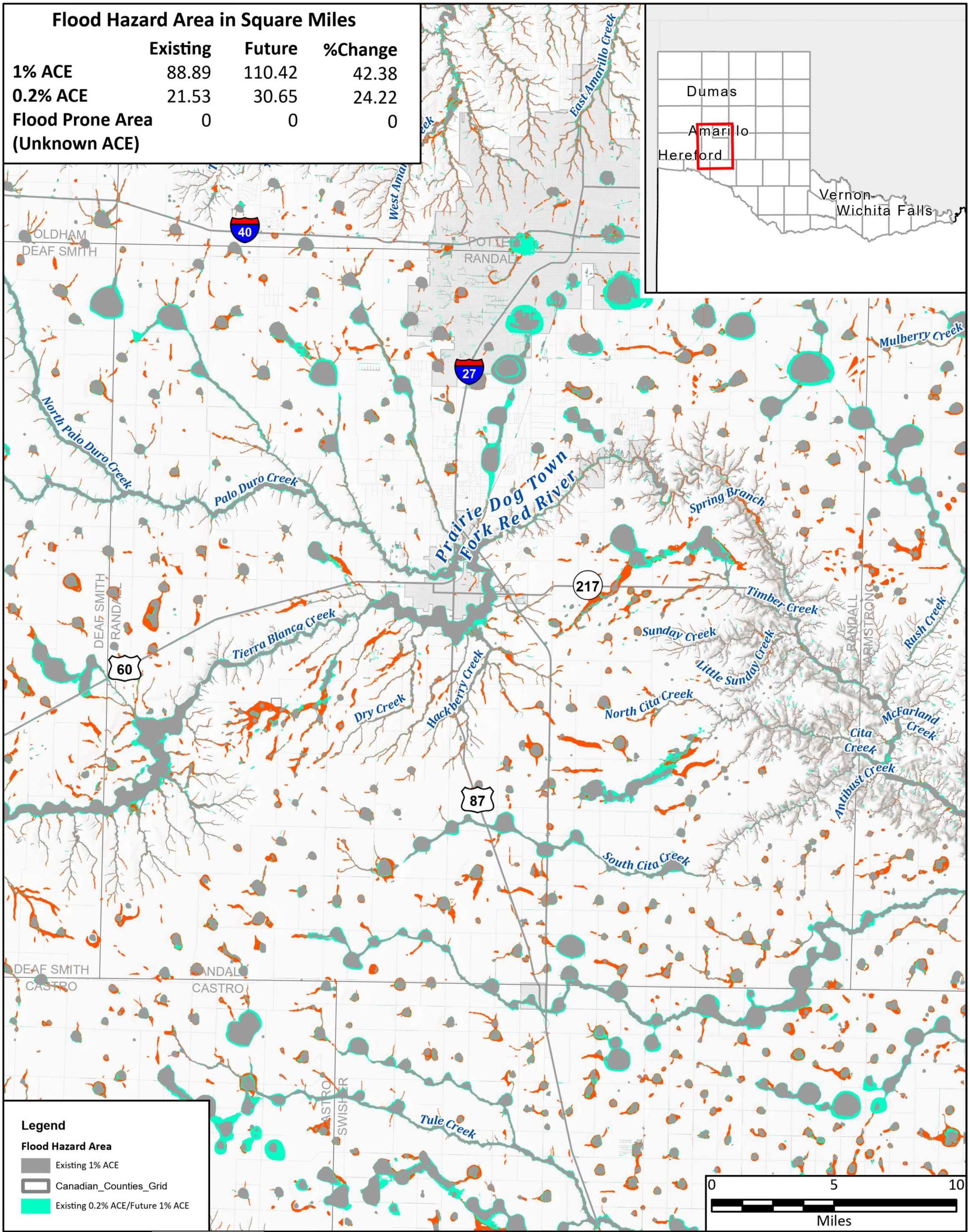
Flood Hazard Area in Square Miles

	Existing	Future	%Change
1% ACE	88.89	110.42	42.38
0.2% ACE	21.53	30.65	24.22
Flood Prone Area (Unknown ACE)	0	0	0


Dumas
Amarillo
Hereford
Vernon
Wichita Falls
East Amarillo Creek
West Amarillo Creek
40
27
OLDHAM
DEAF SMITH
POTTER
RANDALL
Mulberry Creek
North Palo Duro Creek
Palo Duro Creek
Prairie Dog Town Fork Red River
Spring Branch
217
Timber Creek
Sunday Creek
Little Sunday Creek
Tierra Blanca Creek
DEAF SMITH
RANDALL
60
RANDALL
ARMSTRONG
Rush Creek
North Cita Creek
Dry Creek
Hackberry Creek
McFarland Creek
Cita Creek
Antibust Creek
87
South Cita Creek
DEAF SMITH
CASTRO
RANDALL
CASTRO
CASTRO
SWISHER
Tule Creek
0
5
10
Miles

Legend

Flood Hazard Area

- ▨ Existing 1% ACE
- ☐ Canadian_Counties_Grid
- 🟩 Existing 0.2% ACE/Future 1% ACE

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REGIONAL FLOOD PLANNING GROUP

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801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red

Randall County

Extent of Increase of Flood Hazard Compared to Existing Condition

N

Map 10

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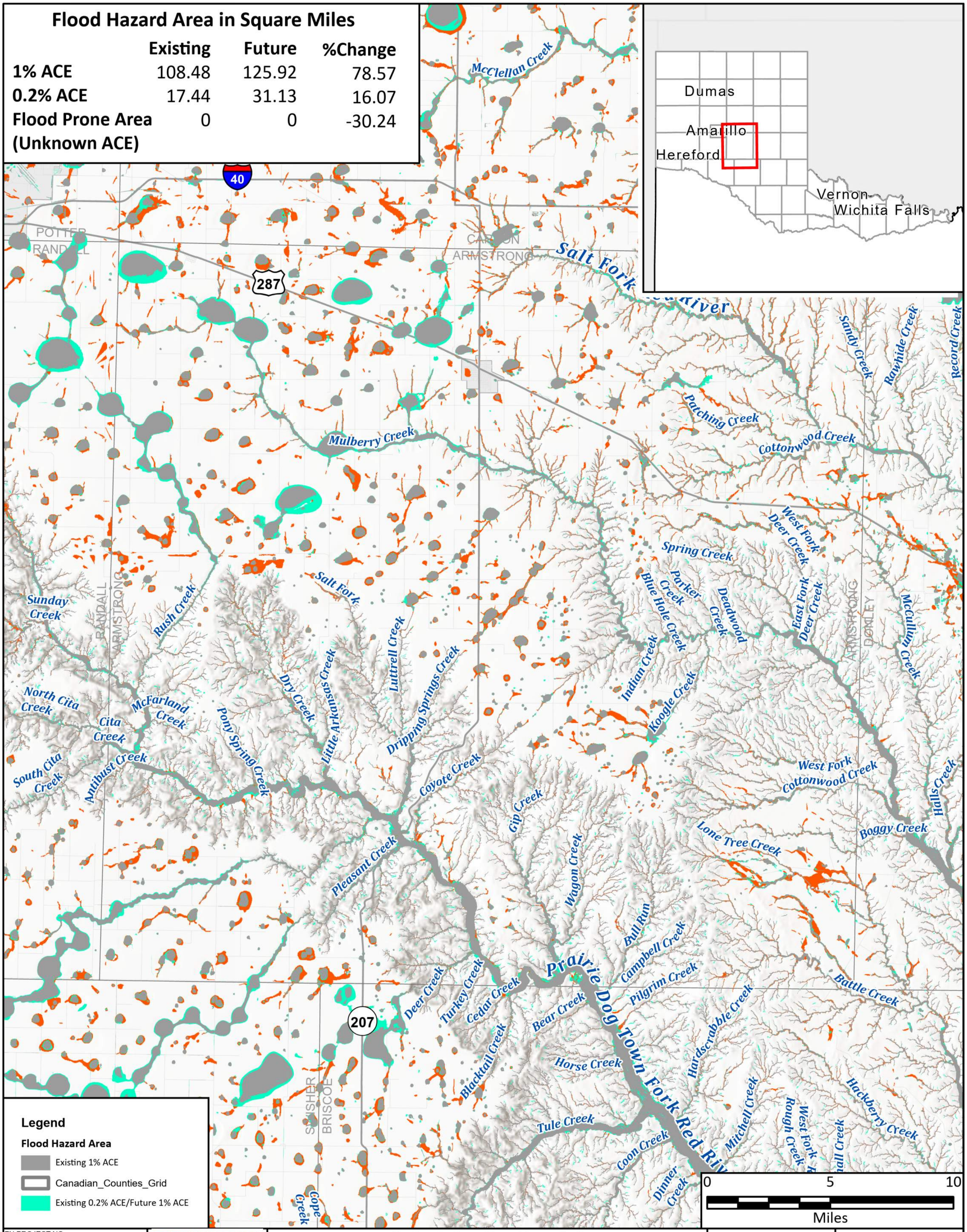
Flood Hazard Area in Square Miles

	Existing	Future	%Change
1% ACE	108.48	125.92	78.57
0.2% ACE	17.44	31.13	16.07
Flood Prone Area (Unknown ACE)	0	0	-30.24



Dumas
Amarillo
Hereford
Vernon
Wichita Falls
40
287
207
POTTER
RANDALL
CARSON
ARMSTRONG
DONLEY
SWISHER
BRISCOE
McClellan Creek
Salt Fork Red River
Sandy Creek
Rawhide Creek
Record Creek
Patching Creek
Cottonwood Creek
Mulberry Creek
West Fork Deer Creek
Spring Creek
Parker Creek
Blue Hole Creek
Deadwood Creek
East Fork Deer Creek
McCullum Creek
Salt Fork
Sunday Creek
Rush Creek
Luttrell Creek
Dry Creek
Little Arkansas Creek
Dripping Springs Creek
Indian Creek
Koogle Creek
North Cita Creek
McFarland Creek
Cita Creek
Pony Spring Creek
South Cita Creek
Antibust Creek
Coyote Creek
West Fork Cottonwood Creek
Halls Creek
Gip Creek
Lone Tree Creek
Boggy Creek
Pleasant Creek
Wagon Creek
Bull Run
Campbell Creek
Prairie Dog Town Fork Red River
Pilgrim Creek
Battle Creek
Deer Creek
Turkey Creek
Cedar Creek
Bear Creek
Hardscrabble Creek
Blacktail Creek
Horse Creek
Mitchell Creek
Rough Creek
West Fork
Hall Creek
Hackberry Creek
Tule Creek
Coon Creek
Dinner Creek
Cope Creek
0
5
10
Miles
N

Legend

Flood Hazard Area

- ▇ Existing 1% ACE
- ☐ Canadian_Counties_Grid
- 🟩 Existing 0.2% ACE/Future 1% ACE

FN PROJECT NO. PPC21323

DATE CREATED 6/21/2023

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REGION 1 CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

FREESE AND NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red

Armstrong County

Extent of Increase of Flood Hazard Compared to Existing Condition

Map 10

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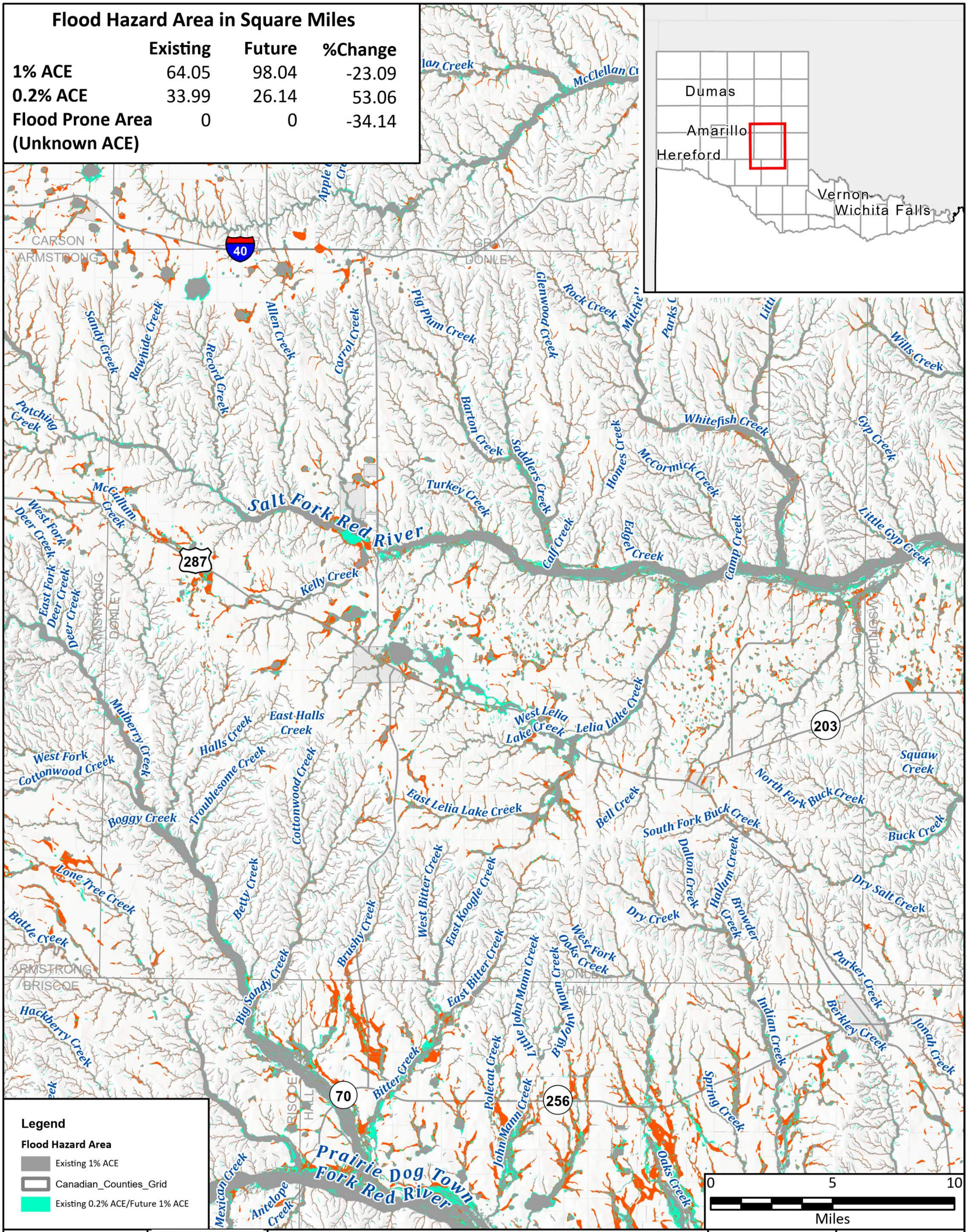
Flood Hazard Area in Square Miles

	Existing	Future	%Change
1% ACE	64.05	98.04	-23.09
0.2% ACE	33.99	26.14	53.06
Flood Prone Area (Unknown ACE)	0	0	-34.14


Dumas
Amarillo
Hereford
Vernon
Wichita Falls
CARSON
ARMSTRONG
GRAY
DONLEY
40
287
203
70
256
McClellan Creek
Apple Creek
Sandy Creek
Rawhide Creek
Record Creek
Allen Creek
Carrol Creek
Pig Plum Creek
Glenwood Creek
Rock Creek
Mitchell
Parks Creek
Wills Creek
Patching Creek
Barton Creek
Saddlers Creek
Homes Creek
Whitefish Creek
Gyp Creek
McCormick Creek
McCullum Creek
West Fork Deer Creek
Turkey Creek
Salt Fork Red River
Calf Creek
Edgel Creek
Camp Creek
Little Gyp Creek
East Fork Deer Creek
Deer Creek
Kelly Creek
ARMSTRONG
DONLEY
WHEELER
COLLINGSWORTH
Mulberry Creek
West Lelia Lake Creek
Lelia Lake Creek
East Halls Creek
Halls Creek
West Fork Cottonwood Creek
Troublesome Creek
Cottonwood Creek
East Lelia Lake Creek
Bell Creek
Squaw Creek
North Fork Buck Creek
South Fork Buck Creek
Buck Creek
Boggy Creek
Lone Tree Creek
Betty Creek
West Bitter Creek
East Koogle Creek
Dalton Creek
Hallum Creek
Browder Creek
Dry Creek
Dry Salt Creek
Battle Creek
Brushy Creek
East Bitter Creek
Little John Mann Creek
West Fork Oaks Creek
Parker Creek
ARMSTRONG
BRISCOE
DONLEY
HALL
Big Sandy Creek
Big John Mann Creek
Indian Creek
Hackberry Creek
Polecat Creek
Berkley Creek
Jonah Creek
Bitter Creek
John Mann Creek
Spring Creek
BRISCOE
HALL
Prairie Dog Town Fork Red River
Oaks Creek
Mexican Creek
Antelope Creek
0
5
10
Miles

Legend

Flood Hazard Area

- ▨ Existing 1% ACE
- ☐ Canadian_Counties_Grid
- 🟩 Existing 0.2% ACE/Future 1% ACE

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REGION 1 CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

FREESE AND NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red

Donley County

Extent of Increase of Flood Hazard Compared to Existing Condition

Map 10

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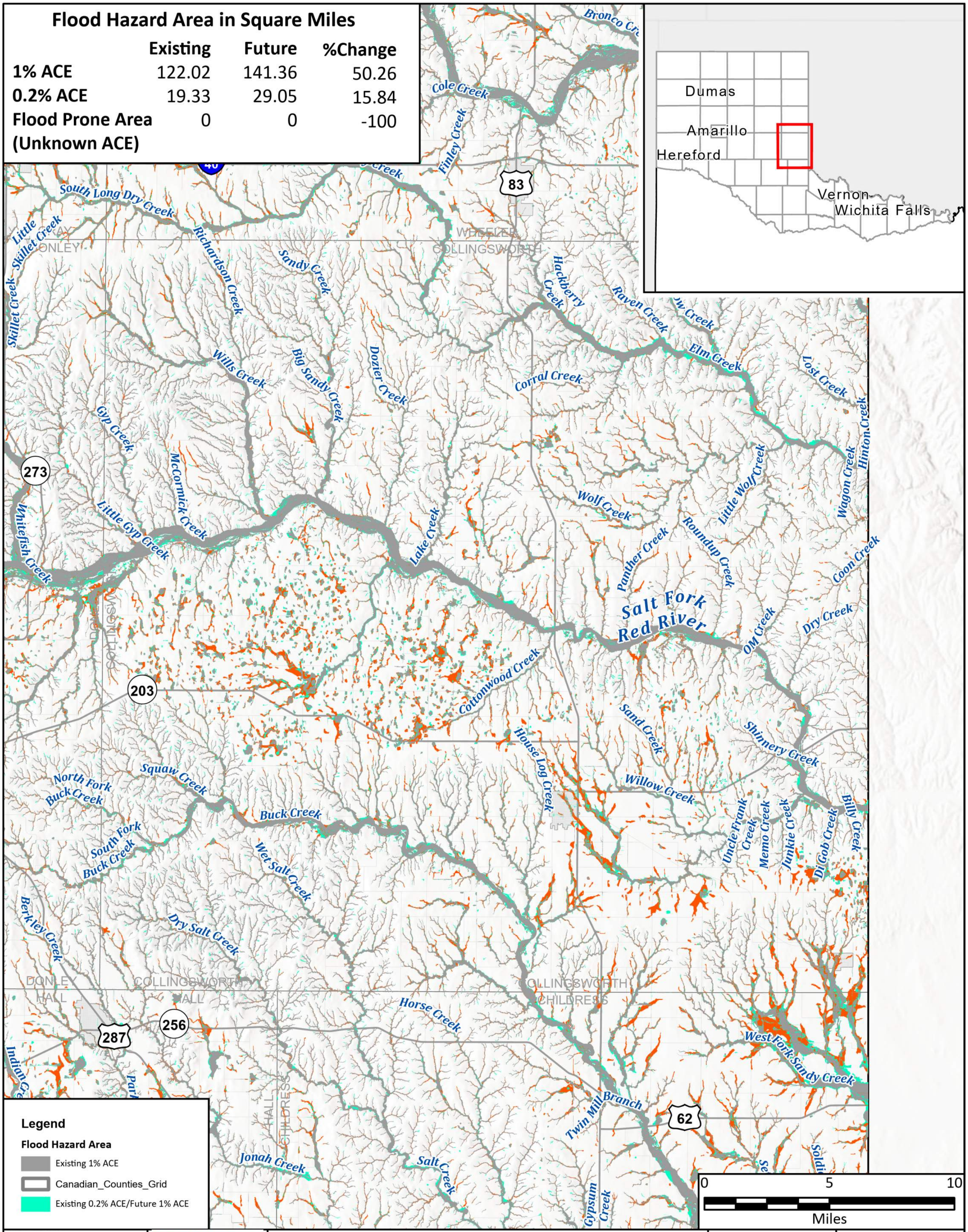
Flood Hazard Area in Square Miles

	Existing	Future	%Change
1% ACE	122.02	141.36	50.26
0.2% ACE	19.33	29.05	15.84
Flood Prone Area (Unknown ACE)	0	0	-100


Bronco Creek
Cole Creek
Finley Creek
40
83
South Long Dry Creek
Little Skillet Creek
Skillet Creek
Richardson Creek
Sandy Creek
DONLEY
WHEELER
COLLINGSWORTH
Hackberry Creek
Raven Creek
Elm Creek
Wills Creek
Big Sandy Creek
Dozier Creek
Corral Creek
Lost Creek
Hinton Creek
Gyp Creek
McCormick Creek
273
Wolf Creek
Little Wolf Creek
Wagon Creek
Little Gyp Creek
Whitefish Creek
Lake Creek
Panther Creek
Roundup Creek
Coon Creek
Salt Fork Red River
OM Creek
Dry Creek
203
Cottonwood Creek
Sand Creek
House Log Creek
Shinnery Creek
North Fork Buck Creek
Squaw Creek
Buck Creek
Willow Creek
South Fork Buck Creek
Wet Salt Creek
Uncle Frank Creek
Memo Creek
Junkie Creek
Di Gob Creek
Billy Creek
Berkley Creek
Dry Salt Creek
DONLEY
HALL
COLLINGSWORTH
HALL
CHILDRESS
256
287
Horse Creek
West Fork Sandy Creek
Indian Cr
Twin Mill Branch
62
HALL
CHILDRESS
Jonah Creek
Salt Creek
Gypsum Creek
Dumas
Amarillo
Hereford
Vernon-Wichita Falls
0
5
10
Miles

Legend

Flood Hazard Area

- ▨ Existing 1% ACE
- ☐ Canadian_Counties_Grid
- 🟩 Existing 0.2% ACE/Future 1% ACE

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REGION 1 CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

FREESE AND NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red

Collingsworth County

Extent of Increase of Flood Hazard Compared to Existing Condition

Map 10

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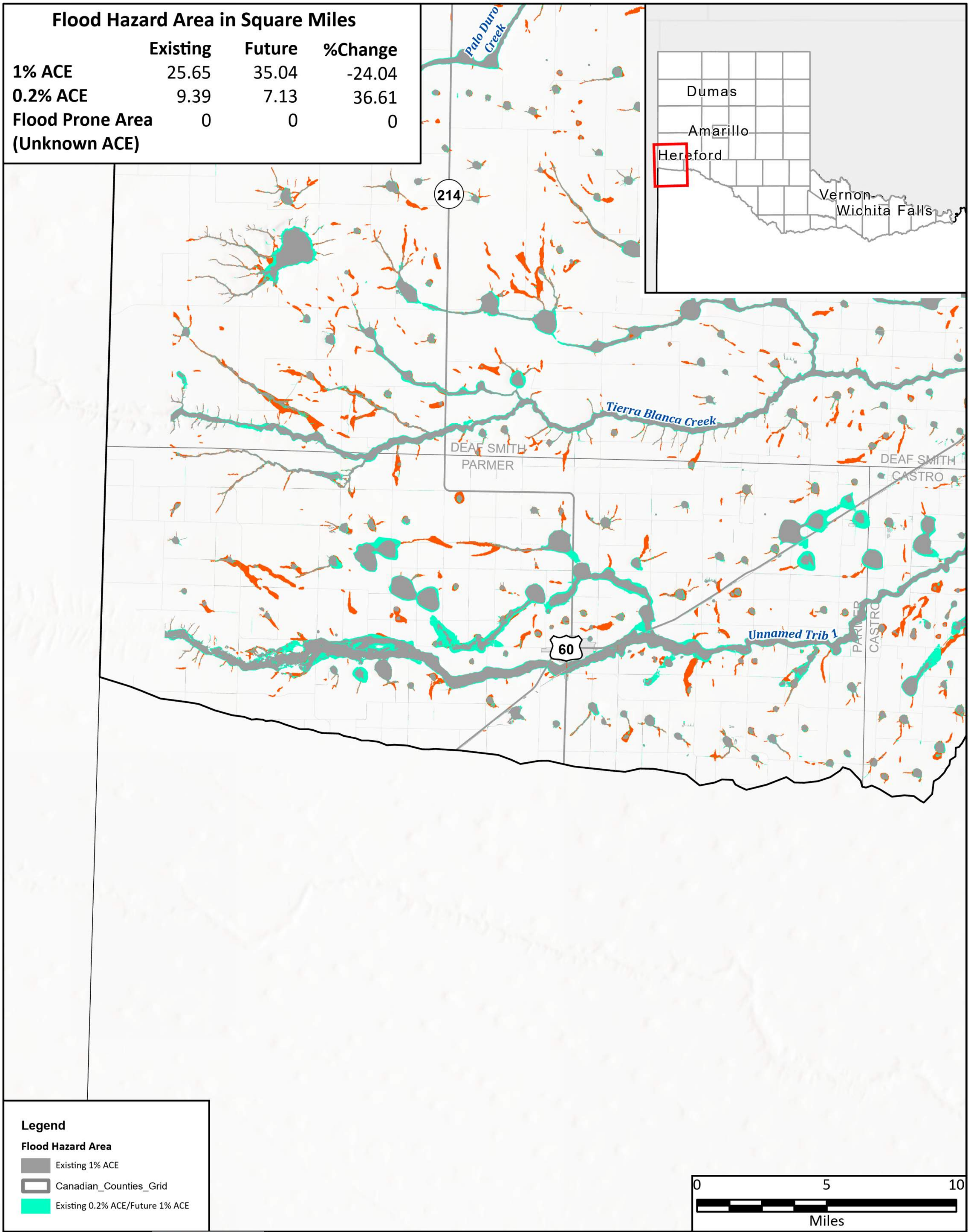
Flood Hazard Area in Square Miles

	Existing	Future	%Change
1% ACE	25.65	35.04	-24.04
0.2% ACE	9.39	7.13	36.61
Flood Prone Area (Unknown ACE)	0	0	0


Palo Duro Creek
214
Dumas
Amarillo
Hereford
Vernon
Wichita Falls
Tierra Blanca Creek
DEAF SMITH
PARMER
DEAF SMITH
CASTRO
Unnamed Trib 1
60
PARMER
CASTRO
0
5
10
Miles

Legend

Flood Hazard Area

- ▨ Existing 1% ACE
- ☐ Canadian_Counties_Grid
- 🟩 Existing 0.2% ACE/Future 1% ACE

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801 Cherry St. Suite 2800
Fort Worth, Texas 76102
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Region 1: Canadian - Upper Red

Parmer County

Extent of Increase of Flood Hazard Compared to Existing Condition

Map 10

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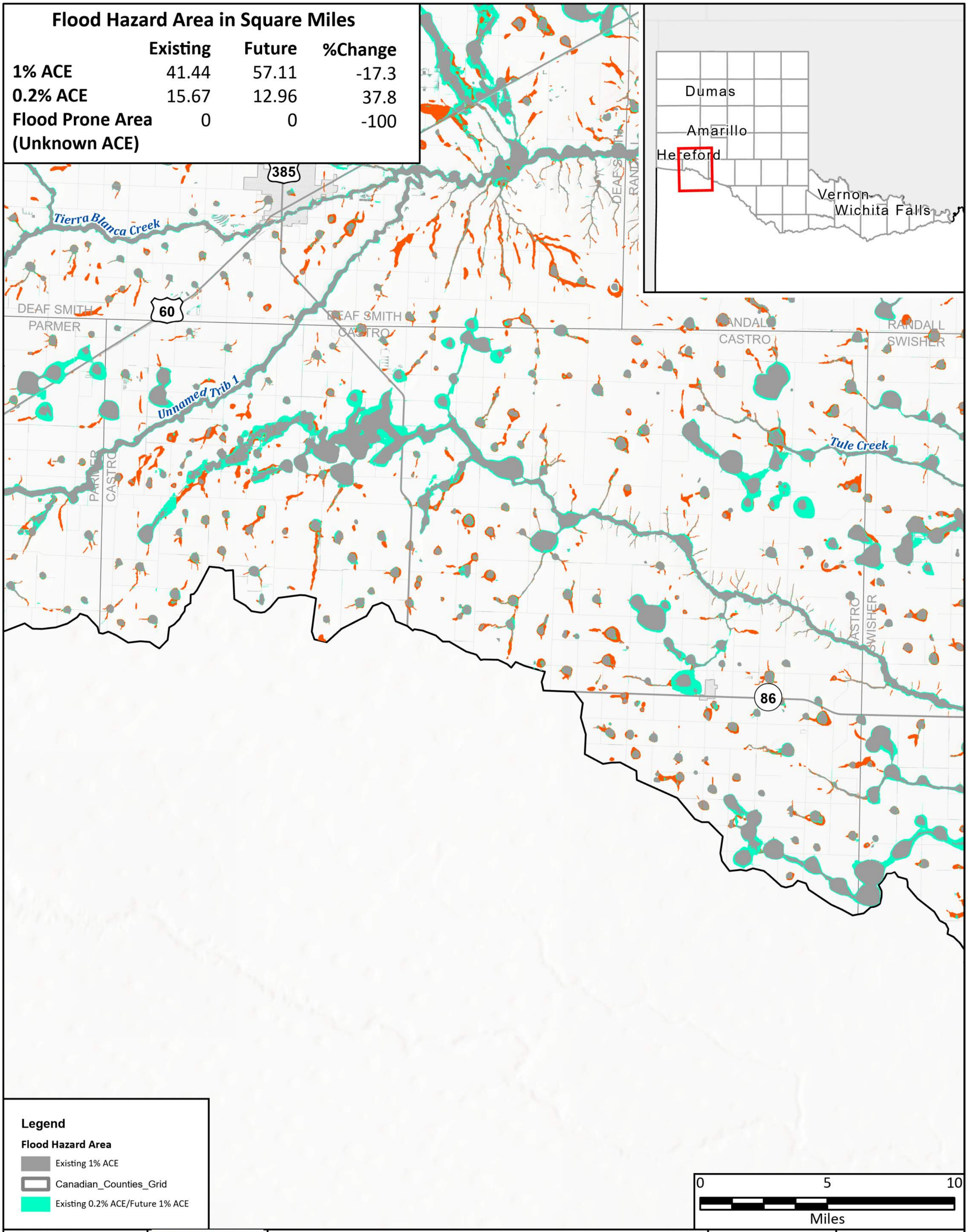
Flood Hazard Area in Square Miles

	Existing	Future	%Change
1% ACE	41.44	57.11	-17.3
0.2% ACE	15.67	12.96	37.8
Flood Prone Area (Unknown ACE)	0	0	-100


Dumas
Amarillo
Hereford
Vernon
Wichita Falls
385
60
86
Tierra Blanca Creek
Unnamed Trib 1
Tule Creek
DEAF SMITH
PARMER
DEAF SMITH
CASTRO
RANDALL
CASTRO
RANDALL
SWISHER
PARMER
CASTRO
CASTRO
SWISHER
DEAF SMITH
RANDALL
0
5
10
Miles

Legend

Flood Hazard Area

■ Existing 1% ACE

☐ Canadian_Counties_Grid

🟩 Existing 0.2% ACE/Future 1% ACE

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REGIONAL FLOOD PLANNING GROUP

FREESE AND NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red

Castro County

Extent of Increase of Flood Hazard Compared to Existing Condition

N

Map 10

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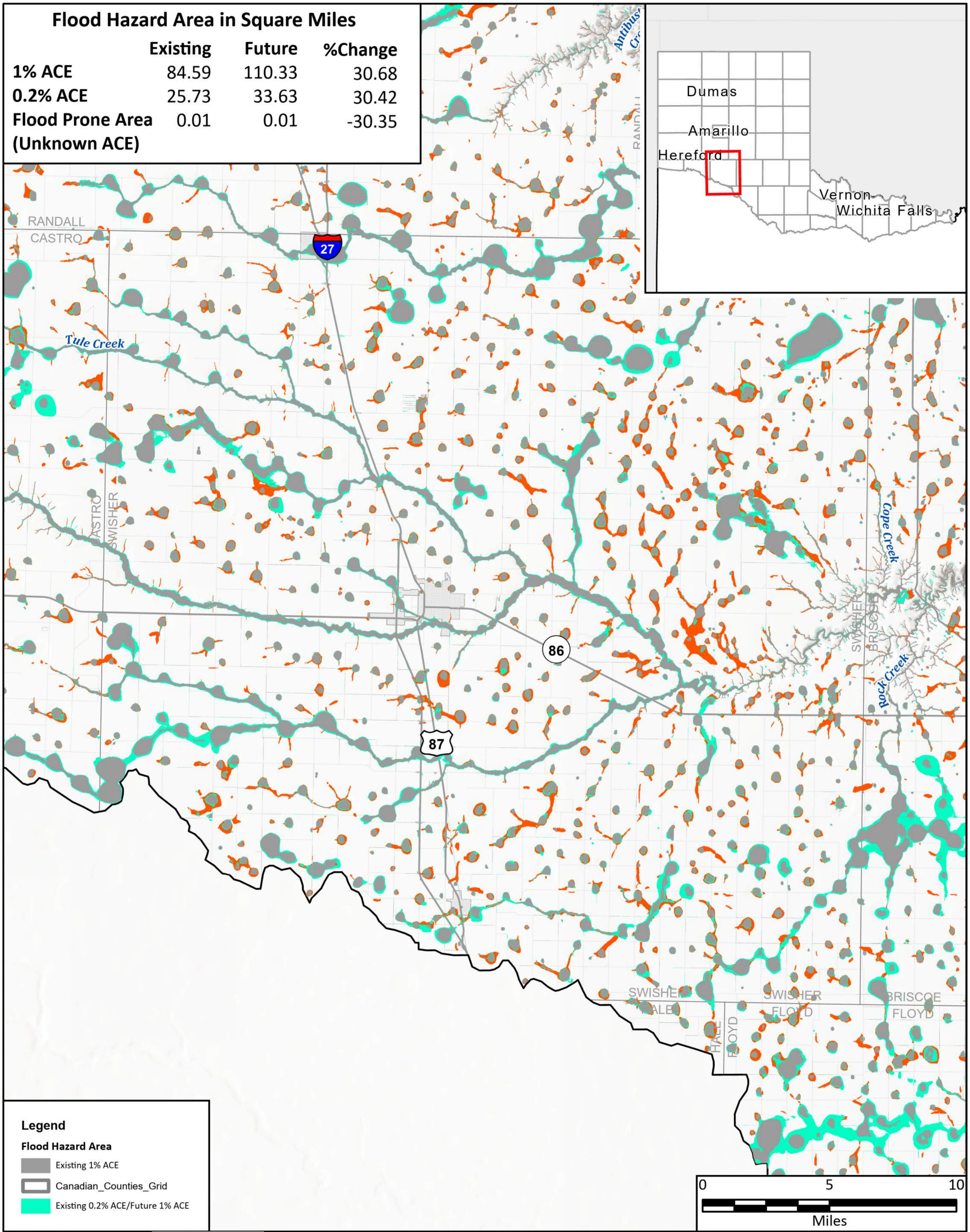
Antibus Cr
RANDALL
RANDALL
CASTRO
27
Tule Creek
CASTRO
SWISHER
86
87
Cope Creek
Rock Creek
SWISHER
BRISCOE
SWISHER
HALE
SWISHER
FLOYD
BRISCOE
FLOYD
HALE
FLOYD
Dumas
Amarillo
Hereford
Vernon
Wichita Falls
0
5
10
Miles

Flood Hazard Area in Square Miles

	Existing	Future	%Change
1% ACE	84.59	110.33	30.68
0.2% ACE	25.73	33.63	30.42
Flood Prone Area (Unknown ACE)	0.01	0.01	-30.35

Legend

Flood Hazard Area

▨	Existing 1% ACE
☐	Canadian_Counties_Grid
🟦	Existing 0.2% ACE/Future 1% ACE

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REGION 1 CANADIAN UPPER RED
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FREESE AND NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
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Region 1: Canadian - Upper Red

Swisher County

Extent of Increase of Flood Hazard Compared to Existing Condition

N

Map 10

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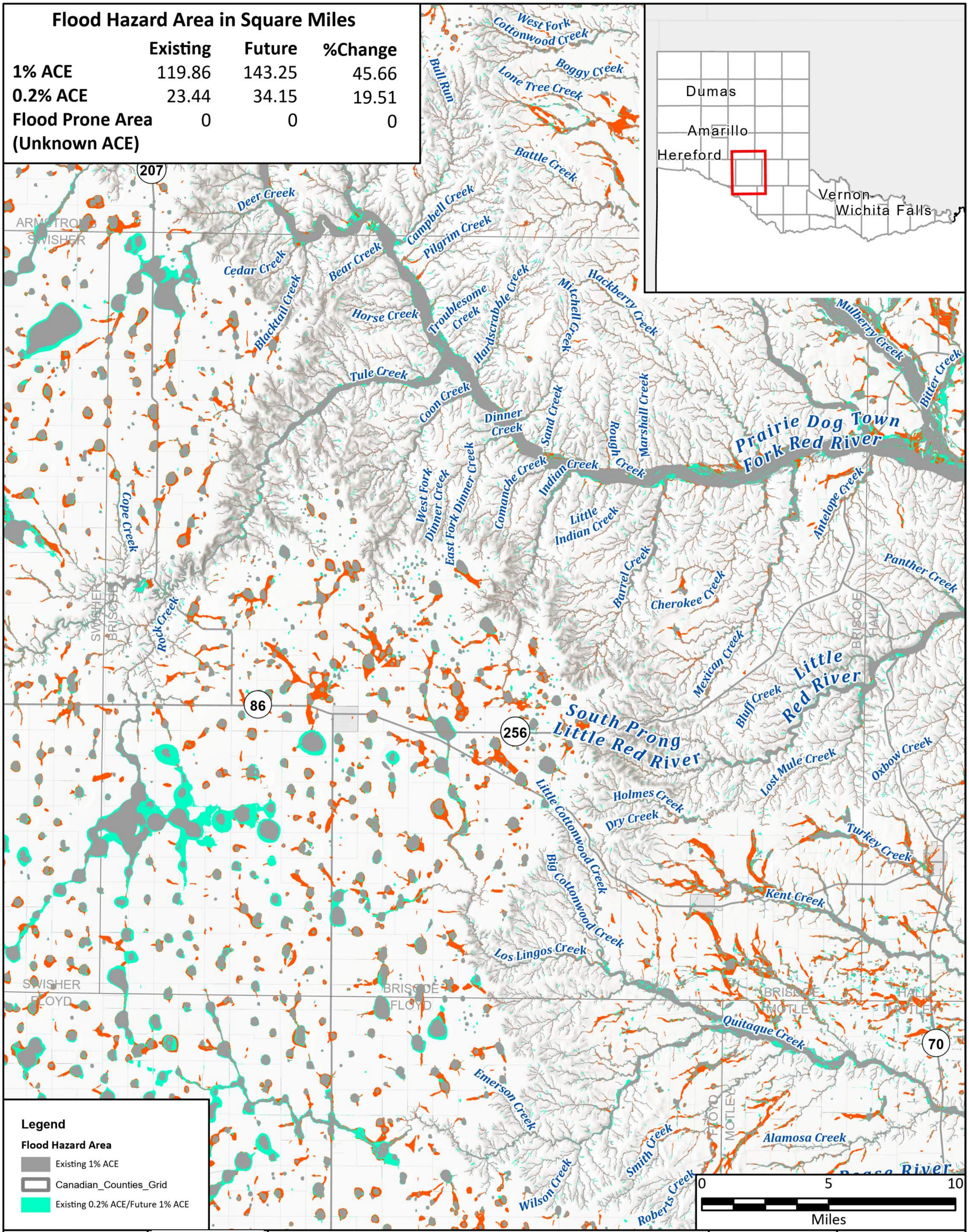
Flood Hazard Area in Square Miles

	Existing	Future	%Change
1% ACE	119.86	143.25	45.66
0.2% ACE	23.44	34.15	19.51
Flood Prone Area (Unknown ACE)	0	0	0


Dumas
Amarillo
Hereford
Vernon
Wichita Falls
West Fork Cottonwood Creek
Bull Run
Boggy Creek
Lone Tree Creek
Battle Creek
207
Deer Creek
ARMSTRONG
SWISHER
Campbell Creek
Pilgrim Creek
Cedar Creek
Bear Creek
Blacktail Creek
Horse Creek
Troublesome Creek
Hardscrabble Creek
Mitchell Creek
Hackberry Creek
Mulberry Creek
Bitter Creek
Tule Creek
Coon Creek
Dinner Creek
Sand Creek
Marshall Creek
Rough Creek
Prairie Dog Town Fork Red River
West Fork Dinner Creek
East Fork Dinner Creek
Comanche Creek
Indian Creek
Little Indian Creek
Antelope Creek
Cope Creek
Barrel Creek
Panther Creek
Cherokee Creek
SWISHER
BRISCOE
BRISCOE
HALL
Rock Creek
Mexican Creek
Little Red River
Bluff Creek
86
256
South Prong Little Red River
Lost Mule Creek
Oxbow Creek
Little Cottonwood Creek
Holmes Creek
Dry Creek
Turkey Creek
Big Cottonwood Creek
Kent Creek
Los Lingos Creek
SWISHER
FLOYD
BRISCOE
FLOYD
BRISCOE
MOTLEY
HALL
MOTLEY
Quitaque Creek
70
Emerson Creek
FLOYD
MOTLEY
Alamosa Creek
Smith Creek
Pease River
Wilson Creek
Roberts Creek
0
5
10
Miles

Legend

Flood Hazard Area

▨ Existing 1% ACE

☐ Canadian_Counties_Grid

🟩 Existing 0.2% ACE/Future 1% ACE

FN PROJECT NO.	PPC21323
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REGION 1 CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

FREESE AND NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red

Briscoe County

Extent of Increase of Flood Hazard Compared to Existing Condition

Map 10

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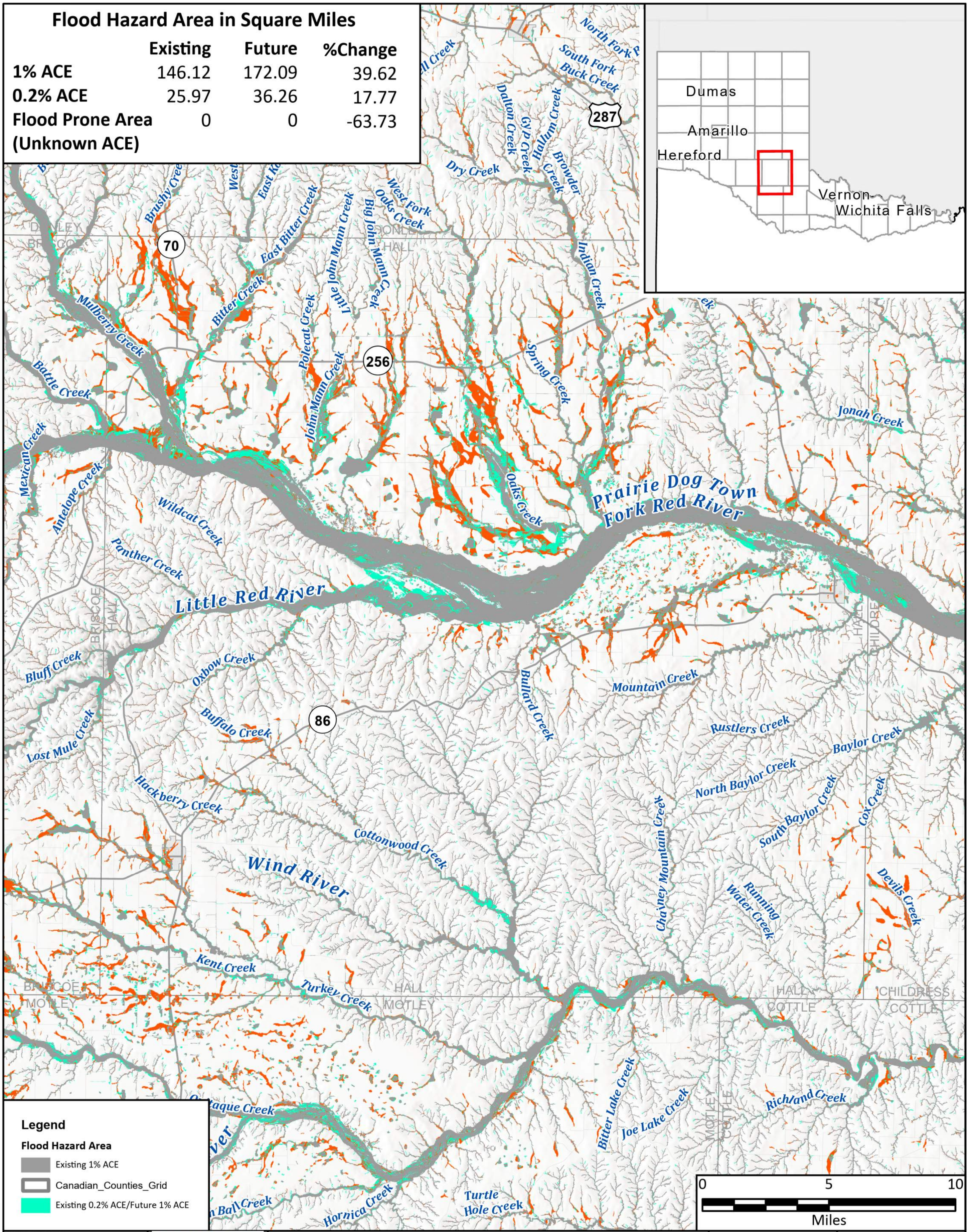

North Fork
South Fork Buck Creek
287
Dalton Creek
Gyp Creek
Hallum Creek
Browder Creek
Dry Creek
West Fork Oaks Creek
Big John Mann Creek
Little John Mann Creek
East Bitter Creek
Brushy Creek
70
Bitter Creek
Mulberry Creek
Battle Creek
Polecat Creek
John Mann Creek
256
Spring Creek
Indian Creek
Jonah Creek
Mexican Creek
Antelope Creek
Wildcat Creek
Oaks Creek
Prairie Dog Town Fork Red River
Panther Creek
Little Red River
BRISCOE
HALL
HILDRE
Bluff Creek
Oxbow Creek
Mountain Creek
Bullard Creek
86
Buffalo Creek
Lost Mule Creek
Rustlers Creek
Baylor Creek
North Baylor Creek
Hackberry Creek
Chainey Mountain Creek
South Baylor Creek
Cox Creek
Cottonwood Creek
Wind River
Running Water Creek
Devils Creek
Kent Creek
Turkey Creek
BRISCOE MOTLEY
HALL MOTLEY
HALL COTTLE
CHILDRESS COTTLE
Quitaque Creek
Bitter Lake Creek
Joe Lake Creek
MOTLEY COTTLE
Richland Creek
Hornica Creek
Turtle Hole Creek
Ball Creek
Dumas
Amarillo
Hereford
Vernon
Wichita Falls
0
5
10
Miles

Flood Hazard Area in Square Miles

	Existing	Future	%Change
1% ACE	146.12	172.09	39.62
0.2% ACE	25.97	36.26	17.77
Flood Prone Area (Unknown ACE)	0	0	-63.73

Legend

Flood Hazard Area

▨	Existing 1% ACE
☐	Canadian_Counties_Grid
🟩	Existing 0.2% ACE/Future 1% ACE

FN PROJECT NO.
PPC21323

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6/21/2023

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FREESE AND NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red

Hall County

Extent of Increase of Flood Hazard Compared to Existing Condition

N

Map 10

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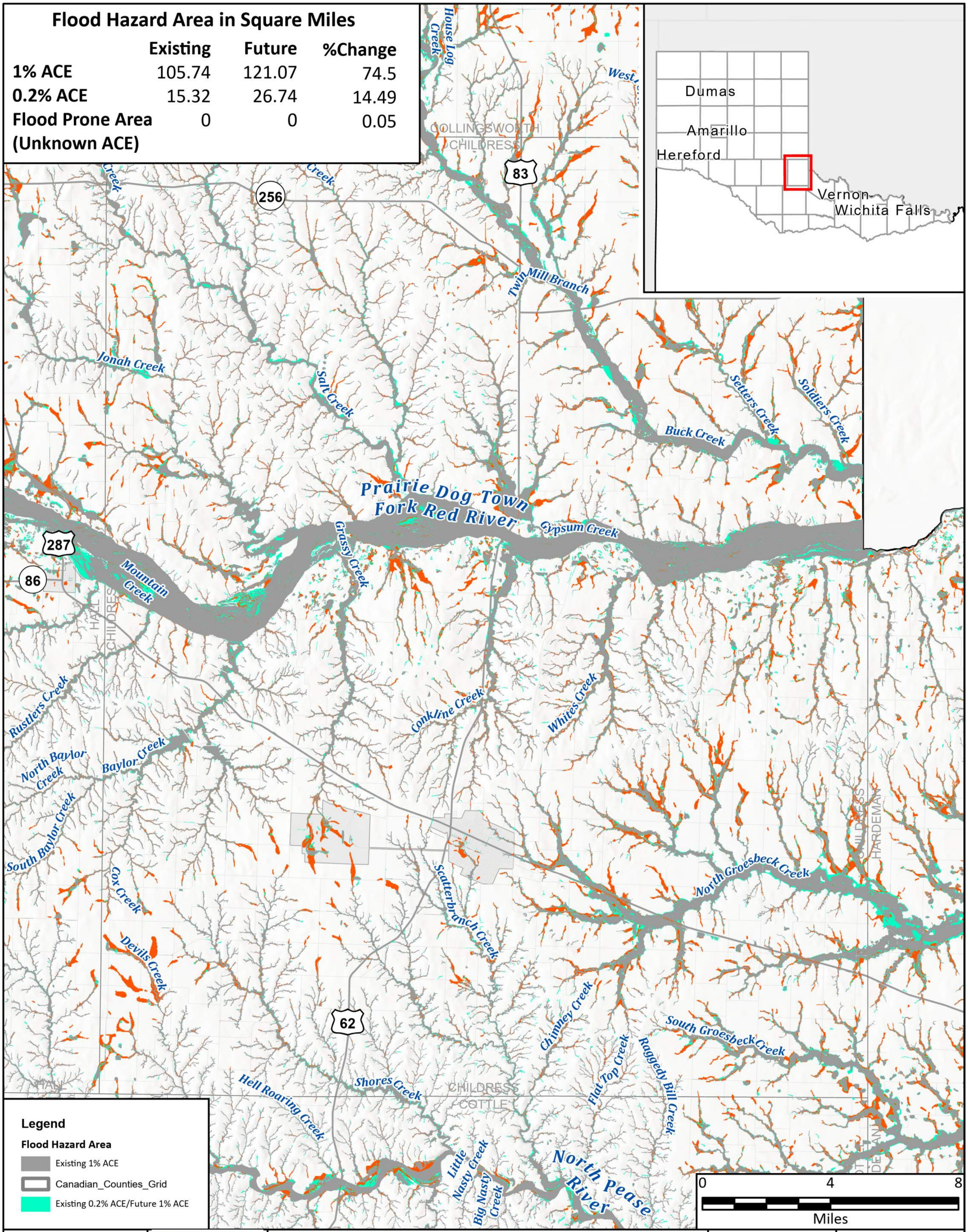
Flood Hazard Area in Square Miles

	Existing	Future	%Change
1% ACE	105.74	121.07	74.5
0.2% ACE	15.32	26.74	14.49
Flood Prone Area (Unknown ACE)	0	0	0.05


House Log Creek
West
COLLINGSWORTH
CHILDRESS
83
256
Creek
Creek
Twin Mill Branch
Jonah Creek
Salt Creek
Setters Creek
Soldiers Creek
Buck Creek
Prairie Dog Town Fork Red River
Gypsum Creek
Grassy Creek
287
86
Mountain Creek
HALL
CHILDRESS
Rustlers Creek
Conkline Creek
Whites Creek
North Baylor Creek
Baylor Creek
South Baylor Creek
Cox Creek
Devils Creek
Scatterbranch Creek
North Groesbeck Creek
CHILDRESS
HARDEMAN
62
Chimney Creek
South Groesbeck Creek
Flat Top Creek
Raggedy Bill Creek
Hell Roaring Creek
Shores Creek
CHILDRESS
COTTLE
HALL
Little Nasty Creek
Big Nasty Creek
North Pease River
Dumas
Amarillo
Hereford
Vernon
Wichita Falls
0
4
8
Miles

Legend

Flood Hazard Area

- ▨ Existing 1% ACE
- ☐ Canadian_Counties_Grid
- 🟩 Existing 0.2% ACE/Future 1% ACE

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REGION 1 CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

FREESE AND NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red

Childress County

Extent of Increase of Flood Hazard Compared to Existing Condition

N

Map 10

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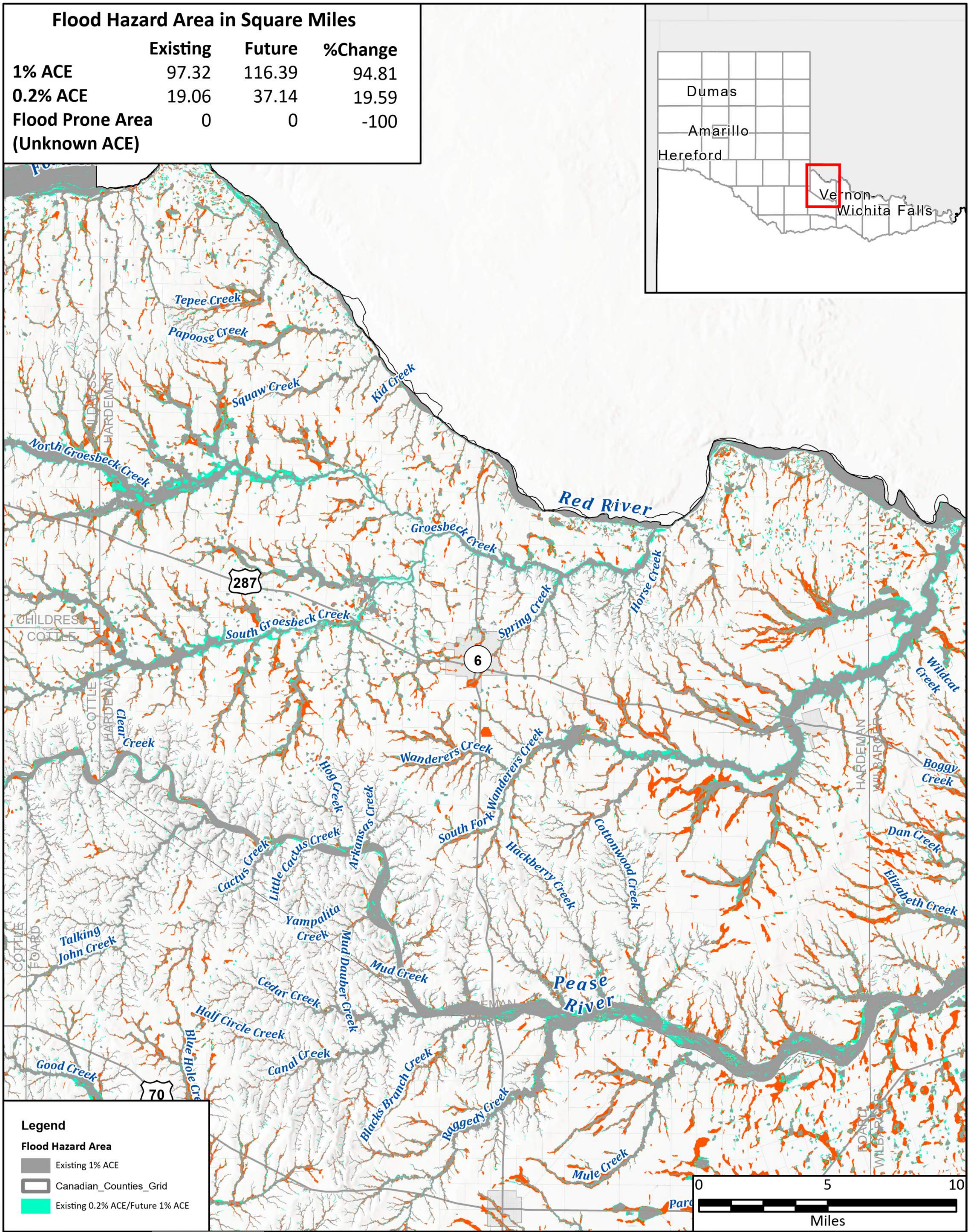
Flood Hazard Area in Square Miles

	Existing	Future	%Change
1% ACE	97.32	116.39	94.81
0.2% ACE	19.06	37.14	19.59
Flood Prone Area (Unknown ACE)	0	0	-100


Dumas
Amarillo
Hereford
Vernon
Wichita Falls
Tepee Creek
Papoose Creek
Squaw Creek
Kid Creek
North Groesbeck Creek
Red River
Groesbeck Creek
287
Horse Creek
Spring Creek
CHILDRESS
COTTLE
HARDEMAN
South Groesbeck Creek
6
Wildcat Creek
Clear Creek
Wanderers Creek
South Fork Wanderers Creek
Hog Creek
Arkansas Creek
Boggy Creek
WILBARGER
Dan Creek
Cottonwood Creek
Hackberry Creek
Little Cactus Creek
Cactus Creek
Elizabeth Creek
Yampalita Creek
Talking John Creek
FOARD
Mud Dauber Creek
Mud Creek
Pease River
Cedar Creek
Half Circle Creek
Blue Hole Creek
Canal Creek
Good Creek
Blacks Branch Creek
70
Raggedy Creek
Mule Creek
Parc
0
5
10
Miles
Legend
Flood Hazard Area
Existing 1% ACE
Canadian_Counties_Grid
Existing 0.2% ACE/Future 1% ACE

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FILE NAME
ImportsFromArcMap

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REGION 1 CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

FREESE AND NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red

Hardeman County

Extent of Increase of Flood Hazard Compared to Existing Condition

Map 10

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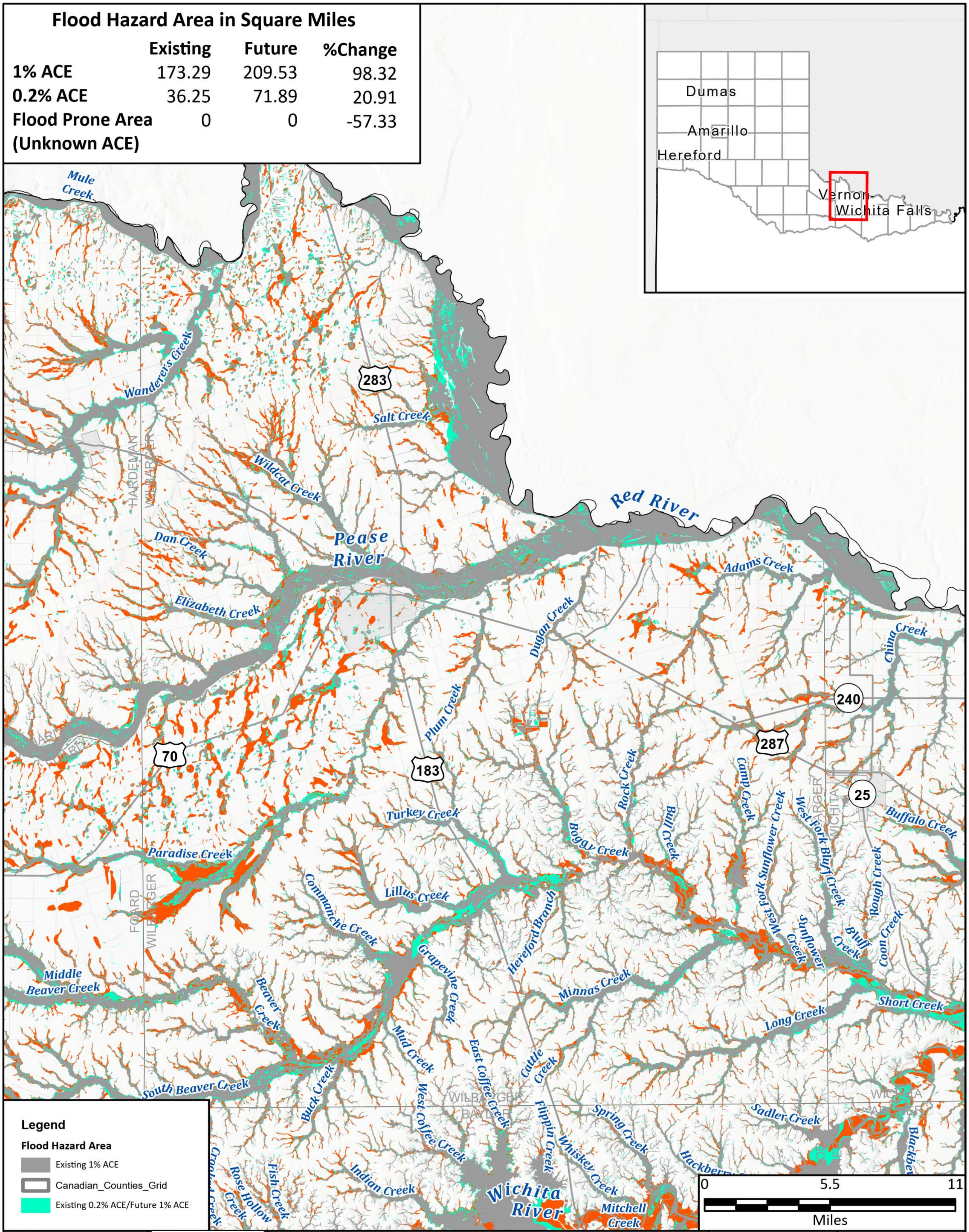
Flood Hazard Area in Square Miles

	Existing	Future	%Change
1% ACE	173.29	209.53	98.32
0.2% ACE	36.25	71.89	20.91
Flood Prone Area (Unknown ACE)	0	0	-57.33


Dumas
Amarillo
Hereford
Vernon
Wichita Falls
Mule Creek
Wanderer's Creek
HARDEMAN
WILBARGER
283
Salt Creek
Wildcat Creek
Red River
Pease River
Dan Creek
Elizabeth Creek
Adams Creek
Dugan Creek
China Creek
240
Plum Creek
287
70
183
Rock Creek
Camp Creek
25
Buffalo Creek
Turkey Creek
Boggy Creek
Bull Creek
West Fork Sunflower Creek
West Fork Bluff Creek
WILBARGER
WICHITA
Rough Creek
Paradise Creek
FOARD
WILBARGER
Commanche Creek
Lillus Creek
Hereford Branch
Sunflower Creek
Bluff Creek
Coon Creek
Middle Beaver Creek
Beaver Creek
Grapevine Creek
Minnas Creek
Short Creek
Long Creek
Mud Creek
East Coffee Creek
Cattle Creek
South Beaver Creek
Buck Creek
West Coffee Creek
WILBARGER
BAYLOR
Flippin Creek
Spring Creek
Sadler Creek
WICHITA
Whiskey Creek
Hackberr
Blackbe
Crooked Creek
Rose Hollow Creek
Fish Creek
Indian Creek
Wichita River
Mitchell Creek
0
5.5
11
Miles

Legend

Flood Hazard Area

▨	Existing 1% ACE
☐	Canadian_Counties_Grid
🟩	Existing 0.2% ACE/Future 1% ACE

FN PROJECT NO.	PPC21323
DATE CREATED	6/21/2023
DATUM & COORDINATE SYSTEM	NAD 1983 2011 Texas Centric Mapping System Lambert
FILE NAME	ImportsFromArcMap
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REGION 1 CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

FREESE AND NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red

Wilbarger County

Extent of Increase of Flood Hazard Compared to Existing Condition

N

Map 10

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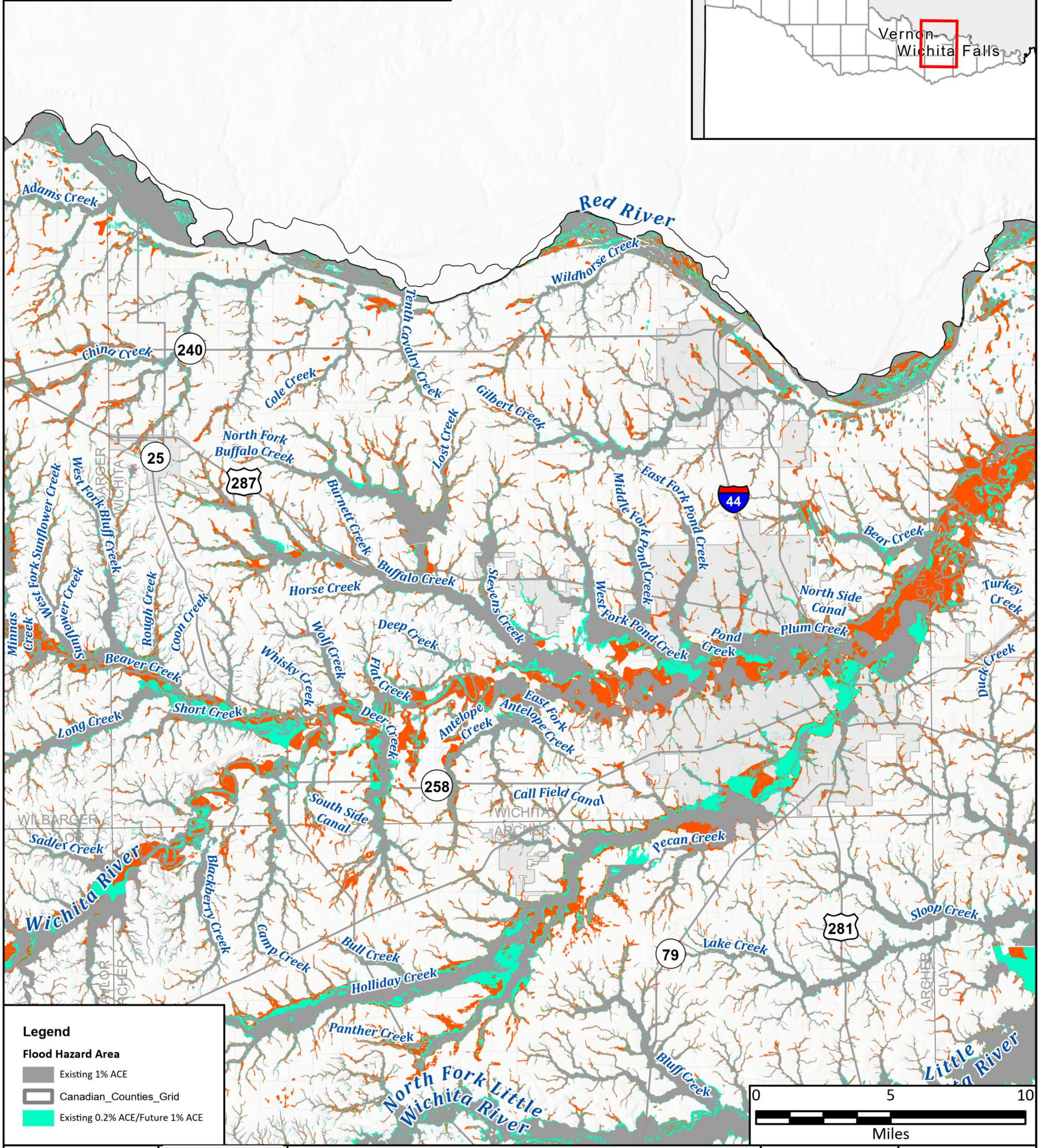
Flood Hazard Area in Square Miles

	Existing	Future	%Change
1% ACE	116.16	146.36	49.39
0.2% ACE	30.19	45.1	25.99
Flood Prone Area (Unknown ACE)	0.08	0.08	-2.18


Dumas
Amarillo
Hereford
Vernon
Wichita Falls
Red River
Adams Creek
Wildhorse Creek
Tenth Cavalry Creek
China Creek
240
Cole Creek
Gilbert Creek
North Fork Buffalo Creek
Lost Creek
25
287
WILBARGER
WICHITA
West Fork Sunflower Creek
West Fork Bluff Creek
Burnett Creek
East Fork Pond Creek
Middle Fork Pond Creek
44
Bear Creek
Sunflower Creek
Rough Creek
Coon Creek
Horse Creek
Buffalo Creek
Stevens Creek
West Fork Pond Creek
North Side Canal
Turkey Creek
Minnas Creek
Beaver Creek
Whisky Creek
Wolf Creek
Deep Creek
Pond Creek
Plum Creek
Duck Creek
Short Creek
Flat Creek
Long Creek
Deer Creek
Antelope Creek
East Fork Antelope Creek
258
South Side Canal
Call Field Canal
WICHITA
ARCHER
WILBARGER
Sadler Creek
Pecan Creek
Wichita River
Blackberry Creek
Camp Creek
Bull Creek
Sloop Creek
281
79
Lake Creek
Holliday Creek
BAYLOR
ARCHER
CLAY
Panther Creek
Bluff Creek
North Fork Little Wichita River
Little Wichita River
Legend
Flood Hazard Area
Existing 1% ACE
Canadian_Counties_Grid
Existing 0.2% ACE/Future 1% ACE
0
5
10
Miles

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REGION 1 CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

FREESE AND NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red

Wichita County

Extent of Increase of Flood Hazard Compared to Existing Condition

Map 10

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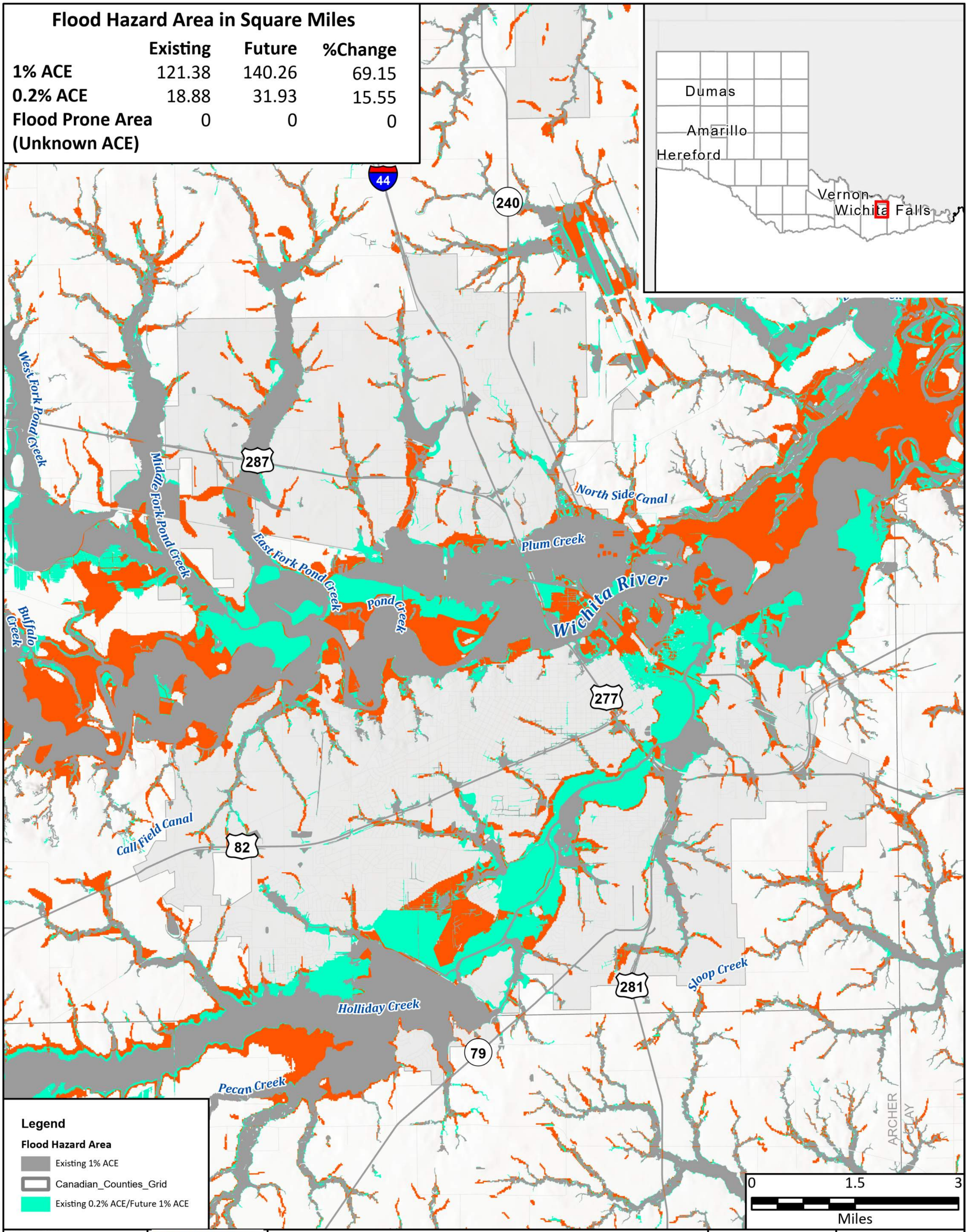
Flood Hazard Area in Square Miles

	Existing	Future	%Change
1% ACE	121.38	140.26	69.15
0.2% ACE	18.88	31.93	15.55
Flood Prone Area (Unknown ACE)	0	0	0



Dumas
Amarillo
Hereford
Vernon
Wichita Falls
44
240
287
277
82
281
79
West Fork Pond Creek
Middle Fork Pond Creek
East Fork Pond Creek
Pond Creek
Plum Creek
North Side Canal
Wichita River
Buffalo Creek
Call Field Canal
Holliday Creek
Sloop Creek
Pecan Creek
CLAY
ARCHER
CLAY
0
1.5
3
Miles

Legend

Flood Hazard Area

- ■ Existing 1% ACE
- □ Canadian_Counties_Grid
- 🟩 Existing 0.2% ACE/Future 1% ACE

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REGION 1 CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

FREESE AND NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red

City of Wichita Falls

Extent of Increase of Flood Hazard Compared to Existing Condition

N

Map 10

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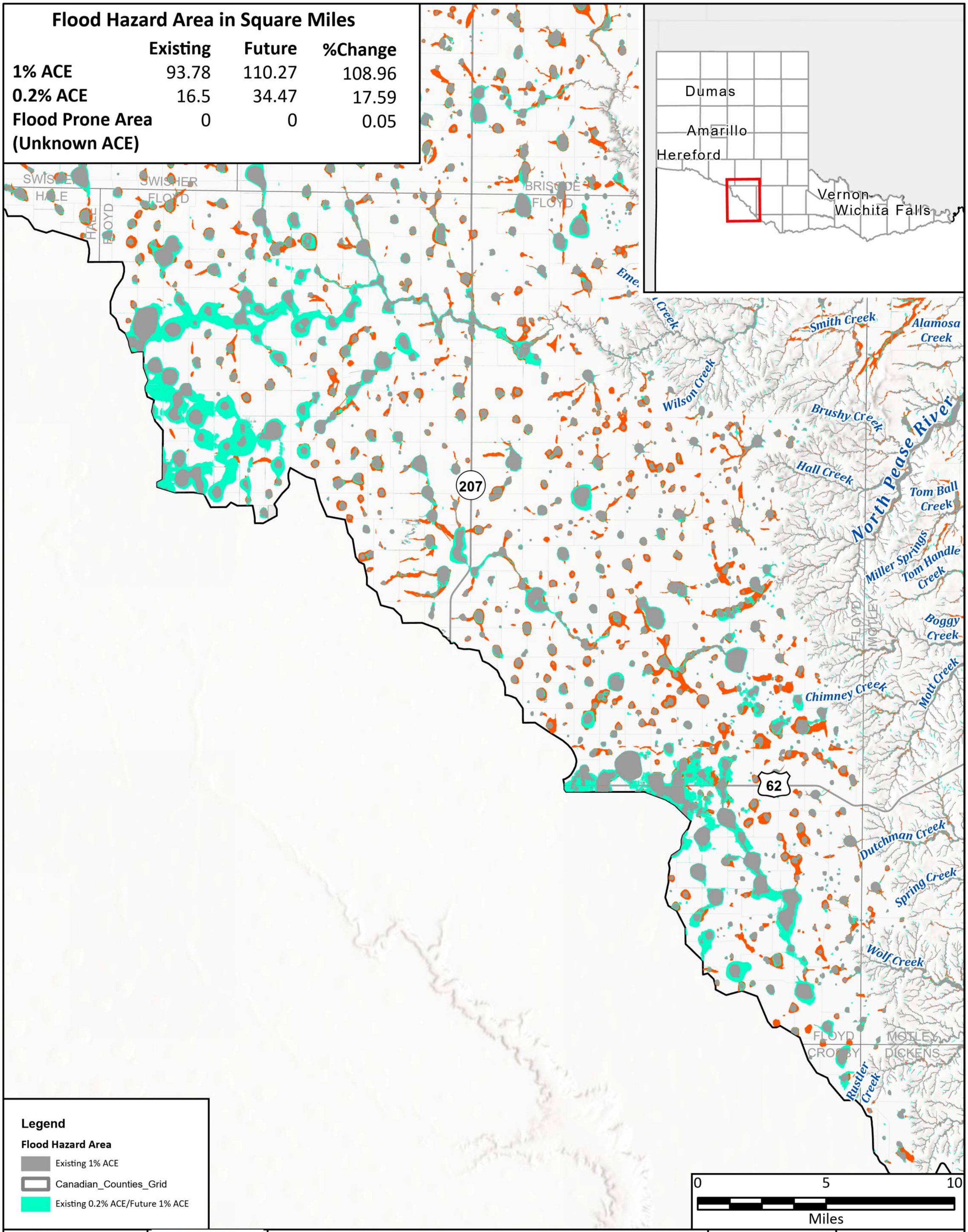
Flood Hazard Area in Square Miles

	Existing	Future	%Change
1% ACE	93.78	110.27	108.96
0.2% ACE	16.5	34.47	17.59
Flood Prone Area (Unknown ACE)	0	0	0.05



Dumas
Amarillo
Hereford
Vernon
Wichita Falls
SWISHER
HALE
FLOYD
BRISCOE
Emerson Creek
Smith Creek
Alamosa Creek
Wilson Creek
Brushy Creek
North Pease River
Hall Creek
Tom Ball Creek
207
Miller Springs
Tom Handle Creek
Boggy Creek
MOTLEY
Mott Creek
Chimney Creek
62
Dutchman Creek
Spring Creek
Wolf Creek
CROSBY
DICKENS
Rustler Creek
0
5
10
Miles

Legend

Flood Hazard Area

- ▇ Existing 1% ACE
- ☐ Canadian_Counties_Grid
- ▇ Existing 0.2% ACE/Future 1% ACE

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REGION 1 CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

FREESE AND NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red

Floyd County

Extent of Increase of Flood Hazard Compared to Existing Condition

N

Map 10

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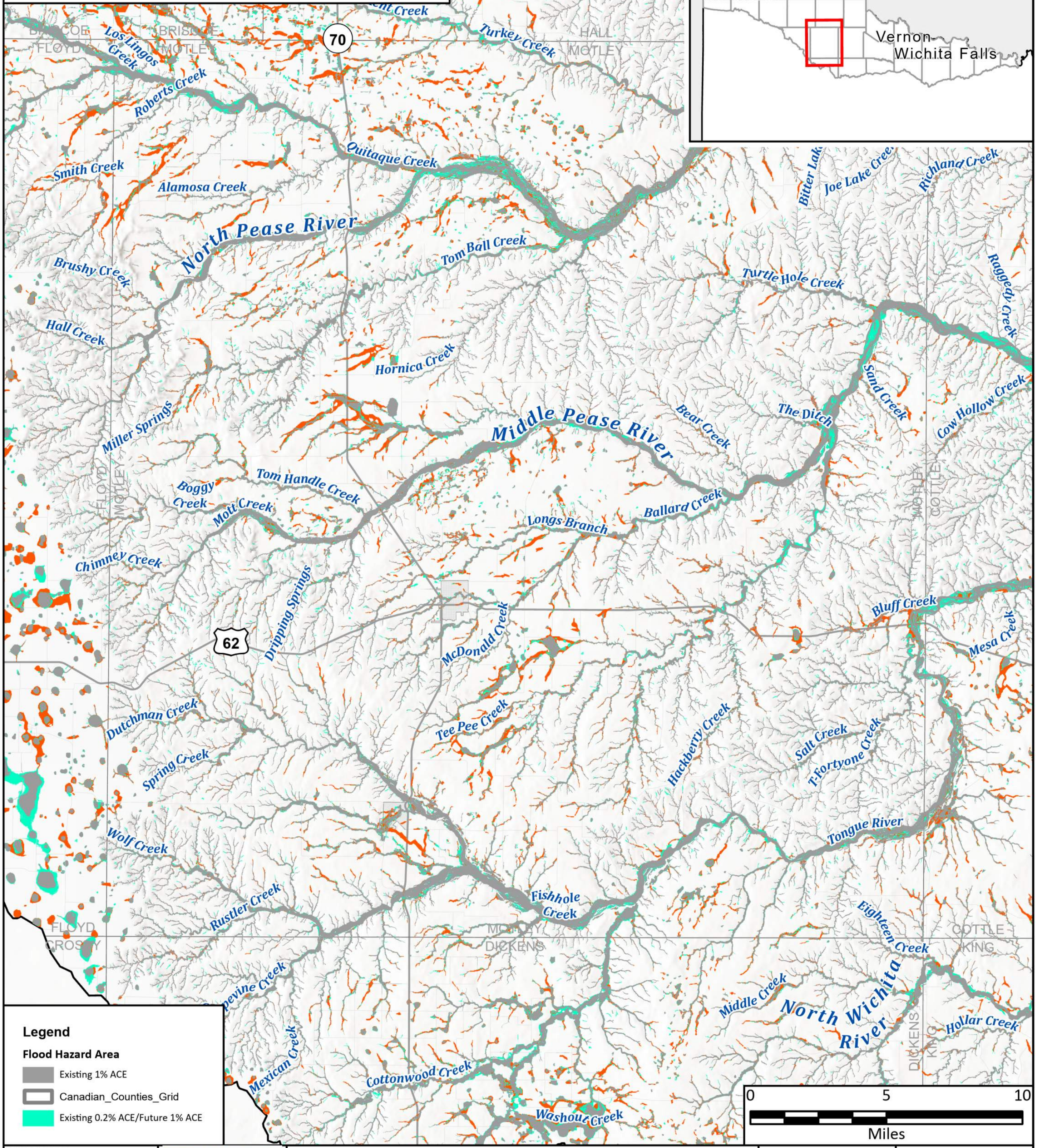
Flood Hazard Area in Square Miles

	Existing	Future	%Change
1% ACE	127.94	146.41	37.74
0.2% ACE	18.47	25.44	14.44
Flood Prone Area (Unknown ACE)	0	0	-24.97


Buffalo Creek
nd River
ent Creek
Turkey Creek
HALL
MOTLEY
BRISCOE
FLOYD
BRISCOE
MOTLEY
Los Lingos Creek
70
Roberts Creek
Quitaque Creek
Smith Creek
Alamosa Creek
North Pease River
Tom Ball Creek
Bitter Lak
Joe Lake Cree
Richland Creek
Brushy Creek
Turtle Hole Creek
Raggedy Creek
Hall Creek
Hornica Creek
Sand Creek
The Ditch
Cow Hollow Creek
Bear Creek
Miller Springs
Middle Pease River
FLOYD
MOTLEY
MOTLEY
COTTLE
Tom Handle Creek
Boggy Creek
Mott Creek
Ballard Creek
Longs Branch
Chimney Creek
Dripping Springs
Bluff Creek
Mesa Creek
62
McDonald Creek
Dutchman Creek
Tee Pee Creek
Hackberry Creek
Salt Creek
T-Fortyone Creek
Spring Creek
Tongue River
Wolf Creek
Fishhole Creek
Rustler Creek
Eighteen Creek
FLOYD
CROSBY
MOTLEY
DICKENS
COTTLE
KING
pevine Creek
Middle Creek
North Wichita River
DICKENS
KING
Hollar Creek
Mexican Creek
Cottonwood Creek
Washout Creek
Dumas
Amarillo
Hereford
Vernon
Wichita Falls
Legend
Flood Hazard Area
▨ Existing 1% ACE
☐ Canadian_Counties_Grid
🟩 Existing 0.2% ACE/Future 1% ACE
0
5
10
Miles

FN PROJECT NO.
PPC21323

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REGION 1 CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

FREESE AND NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red

Motley County

Extent of Increase of Flood Hazard Compared to Existing Condition

Map 10

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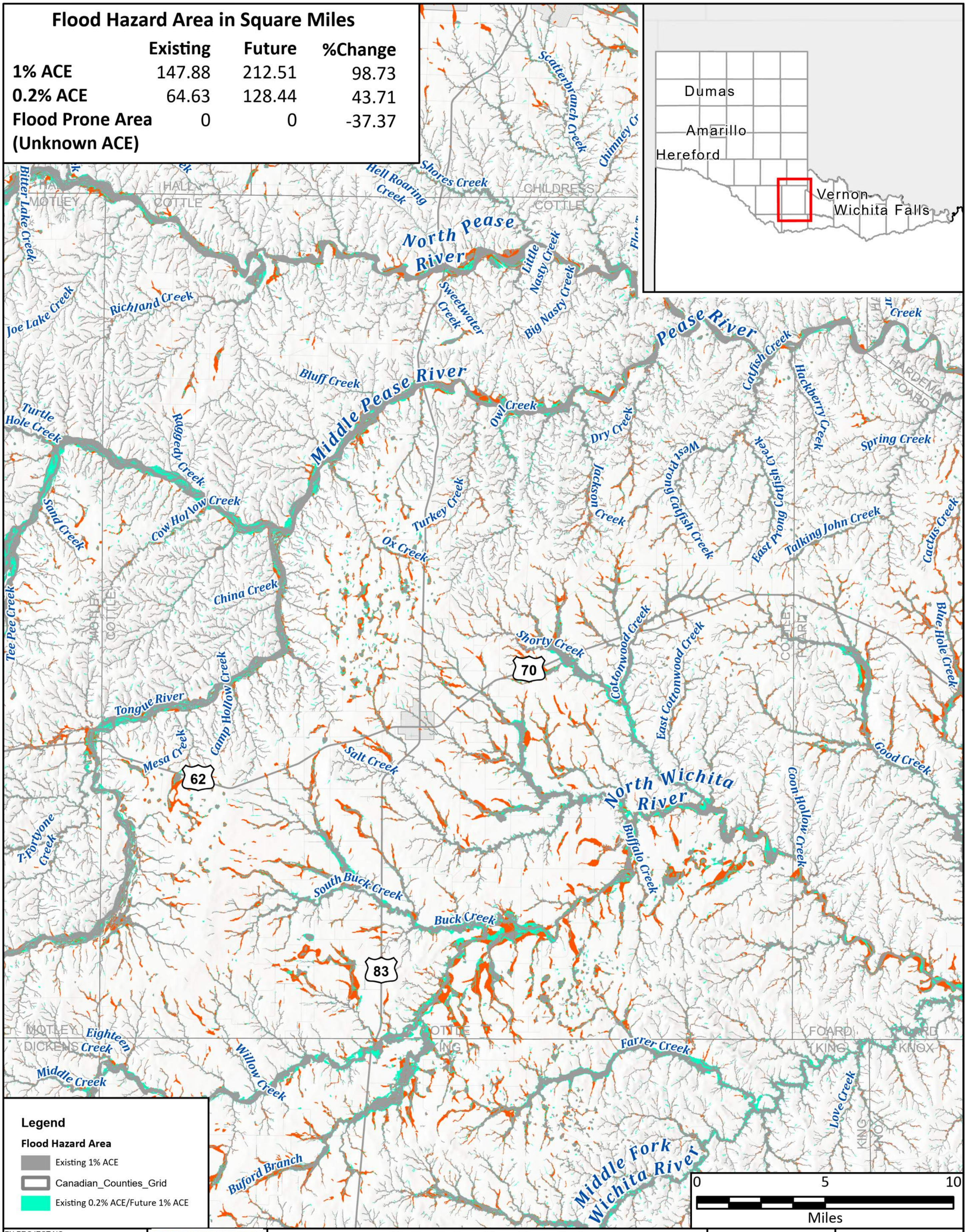
Flood Hazard Area in Square Miles

	Existing	Future	%Change
1% ACE	147.88	212.51	98.73
0.2% ACE	64.63	128.44	43.71
Flood Prone Area (Unknown ACE)	0	0	-37.37


Dumas
Amarillo
Hereford
Vernon
Wichita Falls
HALL
MOTLEY
COTTLE
CHILDRESS
HARDEMAN
FOARD
DICKENS
KING
KNOX
North Pease River
Pease River
Middle Pease River
Tongue River
North Wichita River
Middle Fork Wichita River
Bitter Lake Creek
Joe Lake Creek
Richland Creek
Hell Roaring Creek
Shores Creek
Scatterbranch Creek
Chimney Creek
Sweetwater Creek
Little Nasty Creek
Big Nasty Creek
Catfish Creek
Hackberry Creek
Spring Creek
Turtle Hole Creek
Raggedy Creek
Bluff Creek
Owl Creek
Dry Creek
Jackson Creek
West Prong Catfish Creek
East Prong Catfish Creek
Talking John Creek
Cactus Creek
Sand Creek
Cow Hollow Creek
Turkey Creek
Ox Creek
China Creek
Tee Pee Creek
Shorty Creek
Cottonwood Creek
East Cottonwood Creek
Blue Hole Creek
Camp Hollow Creek
Mesa Creek
Salt Creek
Good Creek
Coon Hollow Creek
Buffalo Creek
T-Fortyone Creek
South Buck Creek
Buck Creek
Eighteen Creek
Middle Creek
Willow Creek
Farrer Creek
Love Creek
Buford Branch
70
62
83
0
5
10
Miles

Legend

Flood Hazard Area

- ▨ Existing 1% ACE
- ☐ Canadian_Counties_Grid
- 🟩 Existing 0.2% ACE/Future 1% ACE

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FREESE AND NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red

Cottle County

Extent of Increase of Flood Hazard Compared to Existing Condition

Map 10

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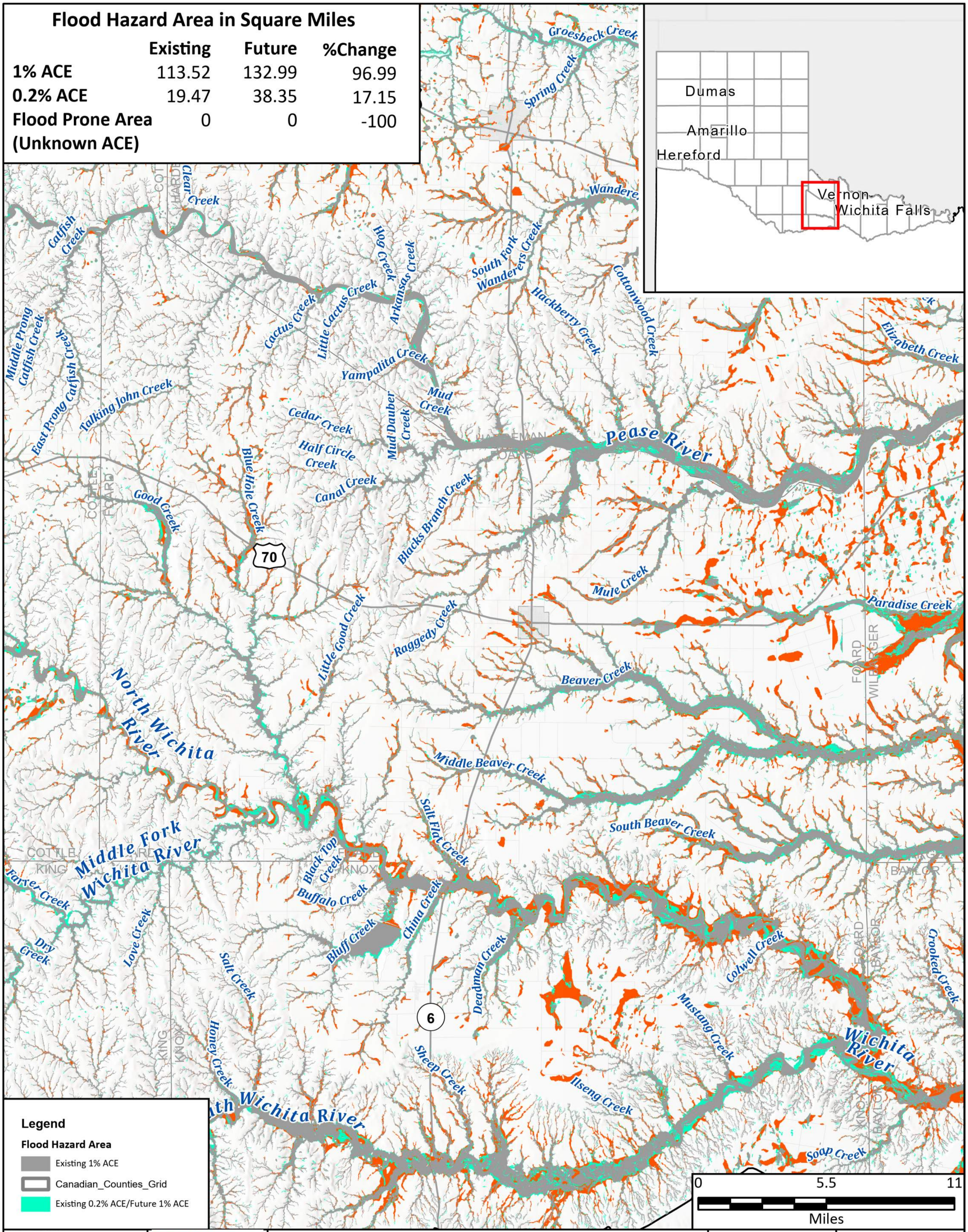
Flood Hazard Area in Square Miles

	Existing	Future	%Change
1% ACE	113.52	132.99	96.99
0.2% ACE	19.47	38.35	17.15
Flood Prone Area (Unknown ACE)	0	0	-100


Groesbeck Creek
Spring Creek
Wanderers
Clear Creek
Catfish Creek
Hog Creek
Arkansas Creek
South Fork Wanderers Creek
Cottonwood Creek
Hackberry Creek
Cactus Creek
Little Cactus Creek
Middle Prong Catfish Creek
East Prong Catfish Creek
Talking John Creek
Yampalita Creek
Mud Creek
Mud Dauber Creek
Cedar Creek
Half Circle Creek
Elizabeth Creek
Pease River
Blue Hole Creek
Canal Creek
Good Creek
Blacks Branch Creek
70
Mule Creek
Little Good Creek
Raggedy Creek
Paradise Creek
Beaver Creek
North Wichita River
Middle Beaver Creek
Salt Flat Creek
South Beaver Creek
Middle Fork Wichita River
Farmer Creek
Black Top Creek
Buffalo Creek
Bluff Creek
China Creek
Dry Creek
Love Creek
Salt Creek
Deadman Creek
Colwell Creek
Crooked Creek
Mustang Creek
6
Wichita River
Sheep Creek
Honey Creek
Ilseng Creek
South Wichita River
Soap Creek
COTTLE
KING
KNOX
FOARD
HARDEMAN
WILBARGER
BAYLOR
Dumas
Amarillo
Hereford
Vernon
Wichita Falls
0
5.5
11
Miles

Legend

Flood Hazard Area

▨	Existing 1% ACE
☐	Canadian_Counties_Grid
🟩	Existing 0.2% ACE/Future 1% ACE

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PPC21323

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REGION 1 CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

FREESE AND NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red

Foard County

Extent of Increase of Flood Hazard Compared to Existing Condition

N

Map 10

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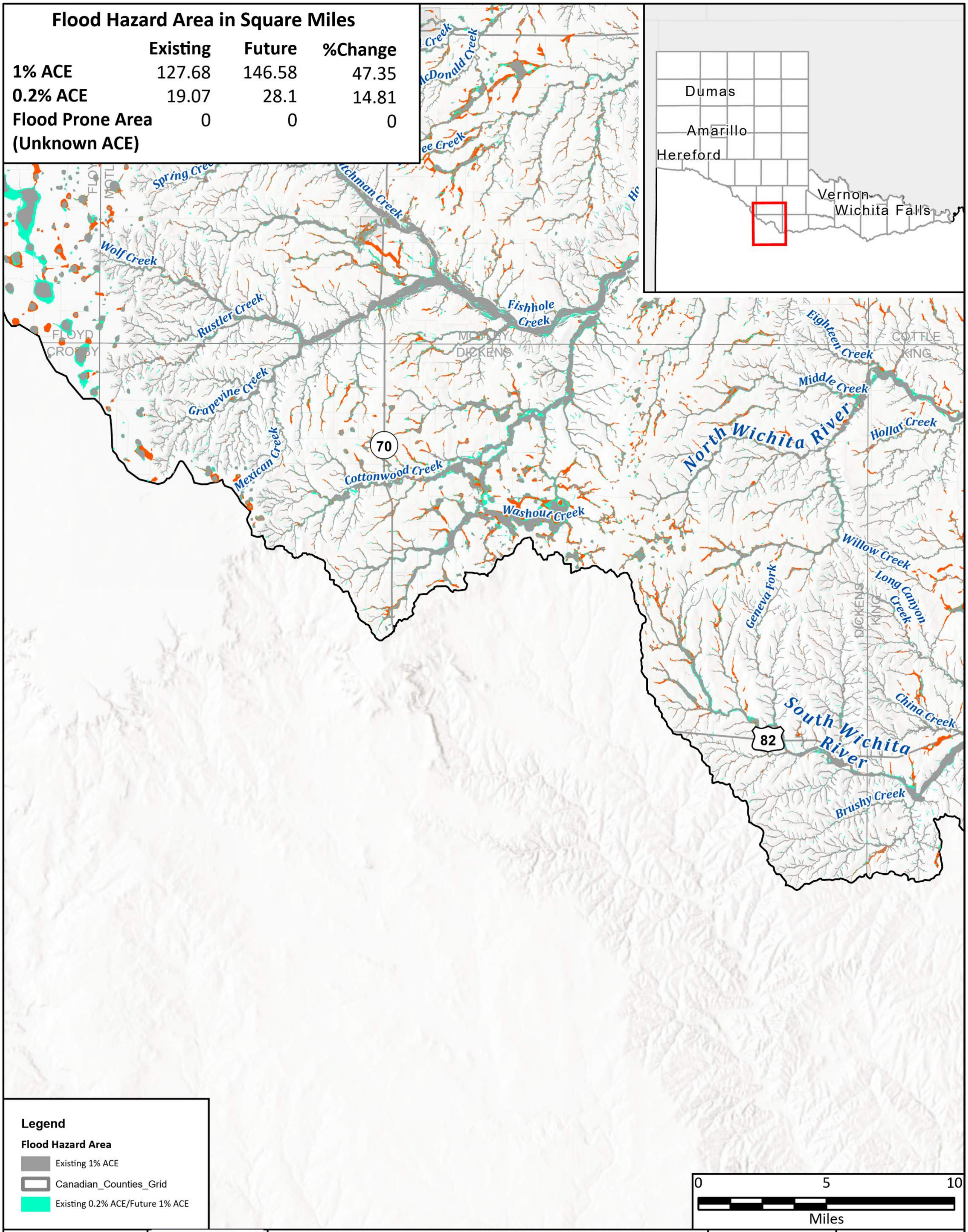
Flood Hazard Area in Square Miles

	Existing	Future	%Change
1% ACE	127.68	146.58	47.35
0.2% ACE	19.07	28.1	14.81
Flood Prone Area (Unknown ACE)	0	0	0



McDonald Creek
Creek
ee Creek
Spring Cree
tchman Creek
Wolf Creek
Rustler Creek
Fishhole Creek
FLOYD
CROSBY
MOTLEY
DICKENS
COTTLE
KING
Eighteen Creek
Middle Creek
Grapevine Creek
Hollar Creek
North Wichita River
70
Mexican Creek
Cottonwood Creek
Washout Creek
Willow Creek
Long Canyon Creek
Geneva Fork
China Creek
South Wichita River
82
Brushy Creek
Dumas
Amarillo
Hereford
Vernon
Wichita Falls
0
5
10
Miles

Legend

Flood Hazard Area

- ▨ Existing 1% ACE
- ☐ Canadian_Counties_Grid
- 🟩 Existing 0.2% ACE/Future 1% ACE

FN PROJECT NO.	PPC21323
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REGION 1 CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

FREESE AND NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red

Dickens County

Extent of Increase of Flood Hazard Compared to Existing Condition

Map 10

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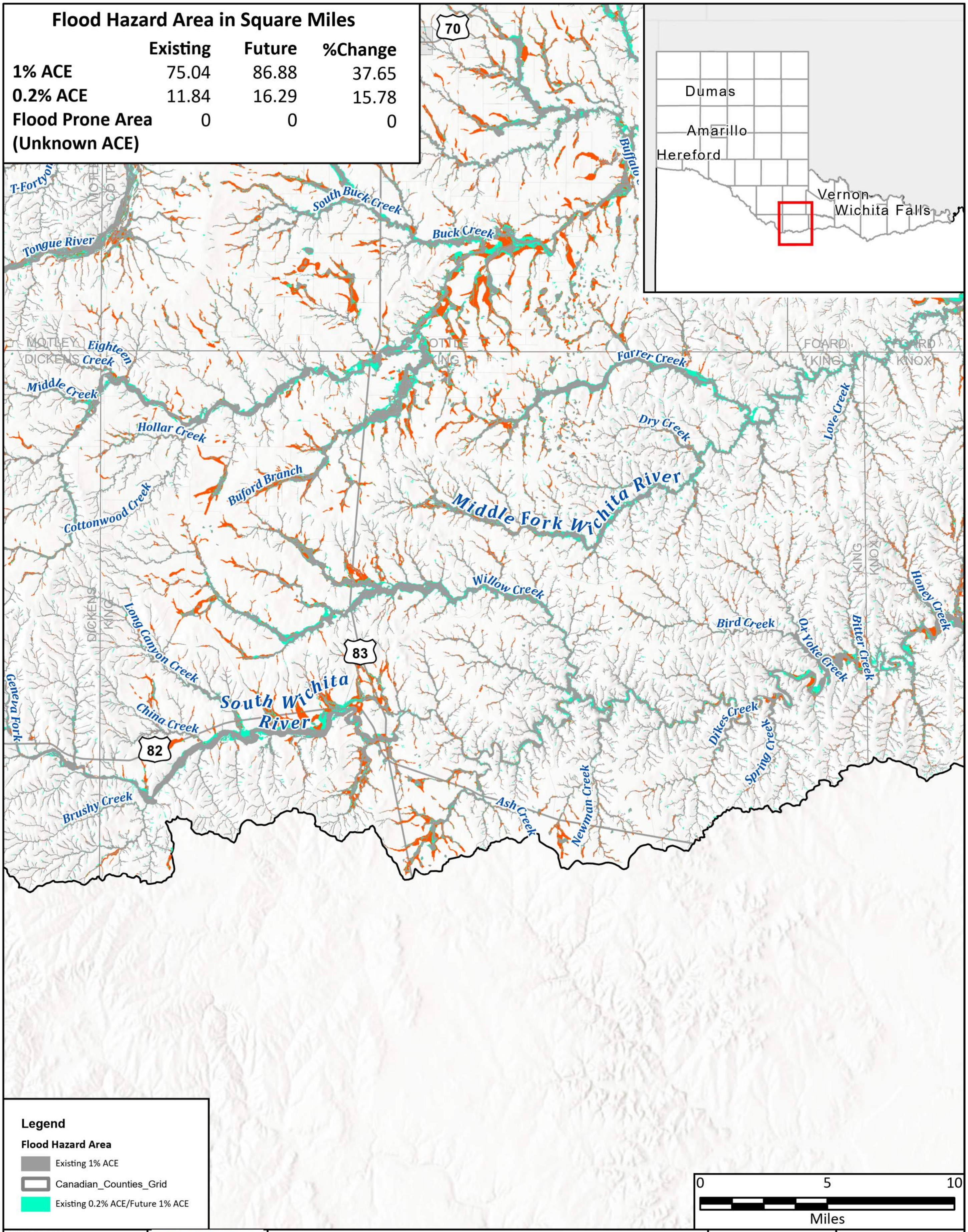
Flood Hazard Area in Square Miles

	Existing	Future	%Change
1% ACE	75.04	86.88	37.65
0.2% ACE	11.84	16.29	15.78
Flood Prone Area (Unknown ACE)	0	0	0


70
T-Fortyo
Buffalo
South Buck Creek
Buck Creek
Tongue River
MOTLEY
COTTLE
DICKENS
KING
FOARD
KNOX
Eighteen Creek
Middle Creek
Farrer Creek
Hollar Creek
Dry Creek
Love Creek
Buford Branch
Cottonwood Creek
Middle Fork Wichita River
Willow Creek
Honey Creek
Long Canyon Creek
Bird Creek
Ox Yoke Creek
Bitter Creek
83
Geneva Fork
South Wichita River
China Creek
Dikes Creek
Spring Creek
82
Brushy Creek
Ash Creek
Newman Creek
Dumas
Amarillo
Hereford
Vernon
Wichita Falls
0
5
10
Miles

Legend

Flood Hazard Area

- ▇ Existing 1% ACE
- ☐ Canadian_Counties_Grid
- ▇ Existing 0.2% ACE/Future 1% ACE

FN PROJECT NO.
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6/21/2023

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FILE NAME
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REGION 1 CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

FREESE AND NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red

King County

Extent of Increase of Flood Hazard Compared to Existing Condition

Map 10

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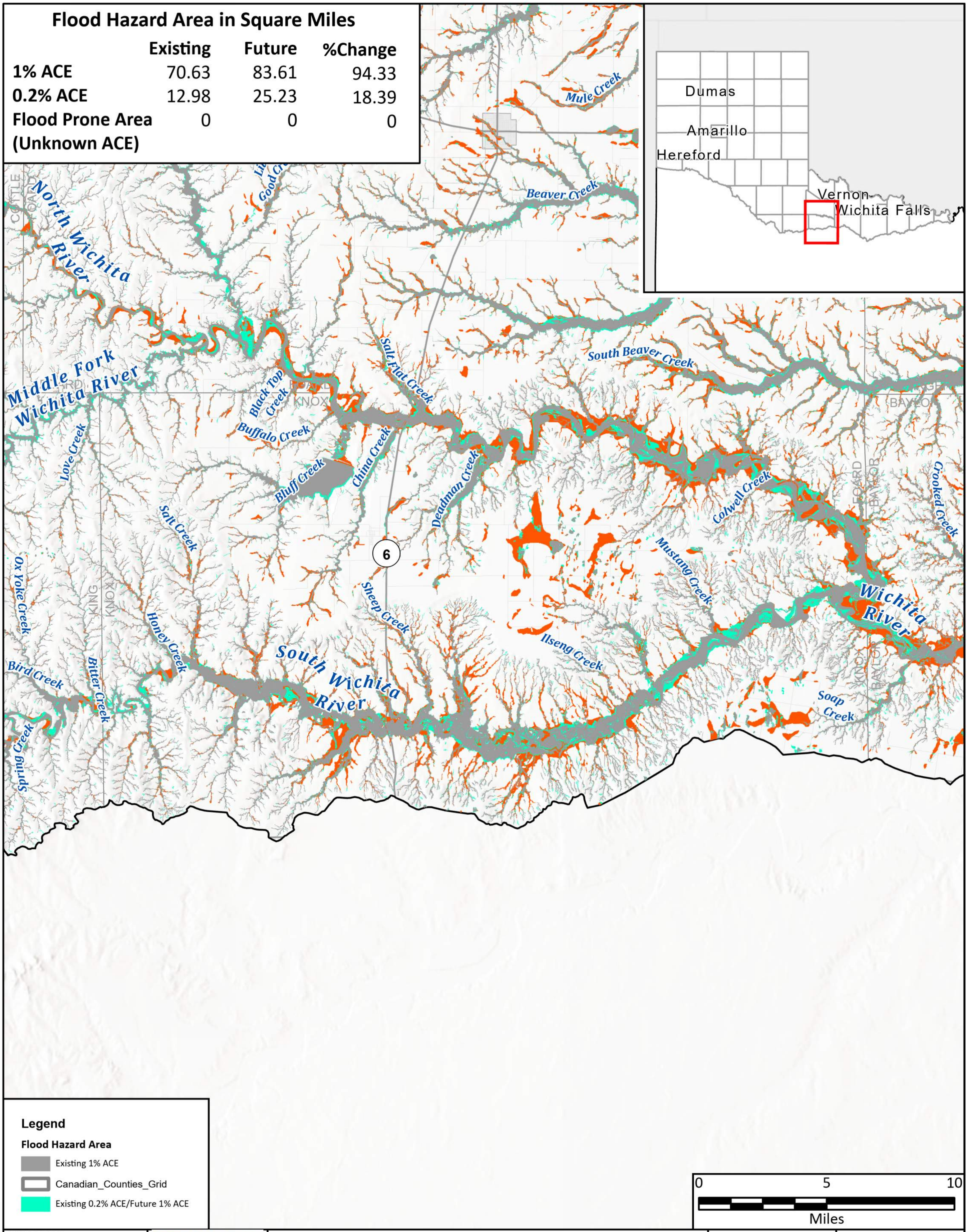
Flood Hazard Area in Square Miles

	Existing	Future	%Change
1% ACE	70.63	83.61	94.33
0.2% ACE	12.98	25.23	18.39
Flood Prone Area (Unknown ACE)	0	0	0


Mule Creek
Beaver Creek
North Wichita River
Middle Fork Wichita River
Black Top Creek
Salt Flat Creek
South Beaver Creek
Buffalo Creek
China Creek
Bluff Creek
Deadman Creek
Colwell Creek
Crooked Creek
Love Creek
Salt Creek
Mustang Creek
Wichita River
Ox Yoke Creek
Sheep Creek
Honey Creek
Ilseng Creek
South Wichita River
Bird Creek
Bitter Creek
Soap Creek
Spring Creek
6
KNOX
KING
FOARD
BAYLOR
COTTLE
Dumas
Amarillo
Hereford
Vernon
Wichita Falls
0
5
10
Miles

Legend

Flood Hazard Area

- ■ Existing 1% ACE
- ☐ Canadian_Counties_Grid
- 🟩 Existing 0.2% ACE/Future 1% ACE

FN PROJECT NO.	PPC21323
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REGION 1 CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

FREESE AND NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red

Knox County

Extent of Increase of Flood Hazard Compared to Existing Condition

N

Map 10

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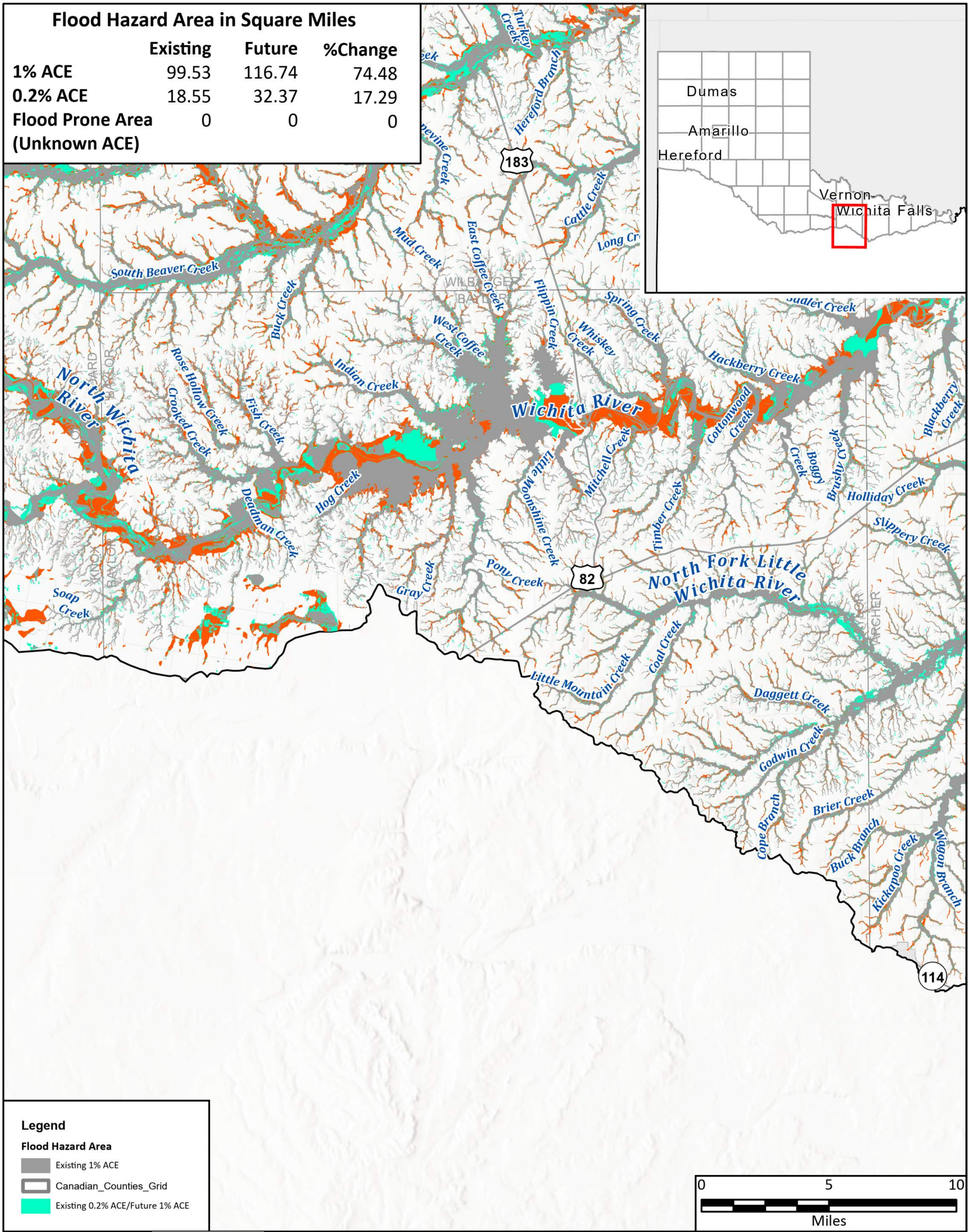
Flood Hazard Area in Square Miles

	Existing	Future	%Change
1% ACE	99.53	116.74	74.48
0.2% ACE	18.55	32.37	17.29
Flood Prone Area (Unknown ACE)	0	0	0


Turkey Creek
Hereford Branch
Grapevine Creek
183
Cattle Creek
Long Cr
Mud Creek
East Coffee Creek
South Beaver Creek
WILBARGER
BAYLOR
Flippin Creek
Spring Creek
Sadler Creek
Buck Creek
West Coffee Creek
Whiskey Creek
Hackberry Creek
North Wichita River
Rose Hollow Creek
Indian Creek
Crooked Creek
Fish Creek
Wichita River
Cottonwood Creek
Blackberry Creek
Boggy Creek
Brushy Creek
Little Monshine Creek
Mitchell Creek
Holliday Creek
Deadman Creek
Hog Creek
Timber Creek
Slippery Creek
KNOX
BAYLOR
Pony Creek
82
North Fork Little Wichita River
Soap Creek
Gray Creek
Coal Creek
ARCHER
Little Mountain Creek
Daggett Creek
Godwin Creek
Brier Creek
Cope Branch
Buck Branch
Kickapoo Creek
Wagon Branch
114
Dumas
Amarillo
Hereford
Vernon
Wichita Falls
0
5
10
Miles

Legend

Flood Hazard Area

- ⬛ Existing 1% ACE
- ▭ Canadian_Counties_Grid
- 🟩 Existing 0.2% ACE/Future 1% ACE

FN PROJECT NO.	PPC21323
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REGION 1 CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

FREESE AND NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red

Baylor County

Extent of Increase of Flood Hazard Compared to Existing Condition

N

Map 10
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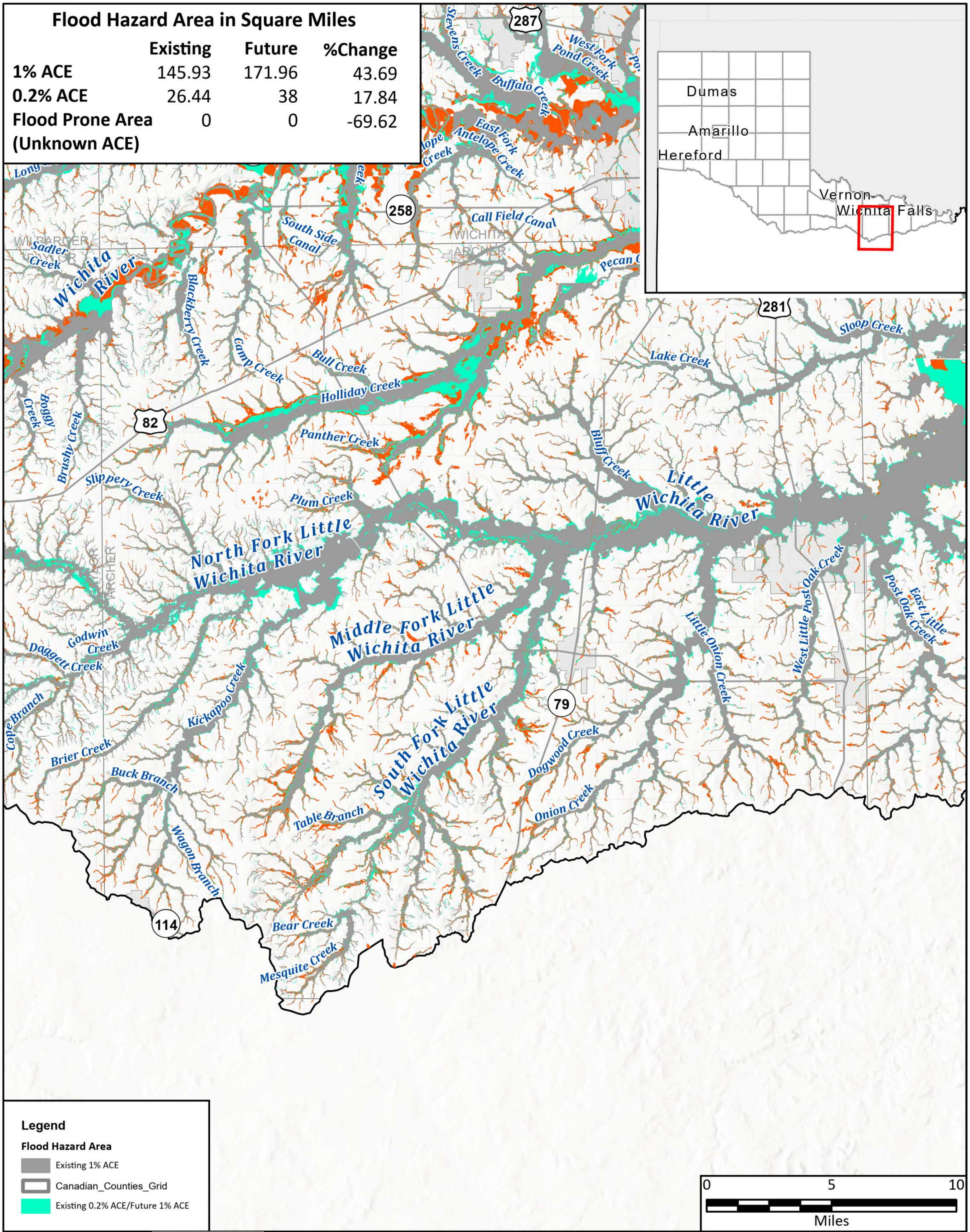
Flood Hazard Area in Square Miles

	Existing	Future	%Change
1% ACE	145.93	171.96	43.69
0.2% ACE	26.44	38	17.84
Flood Prone Area (Unknown ACE)	0	0	-69.62


287
Stevens Creek
Buffalo Creek
West Fork
Pond Creek
Po
East Fork
Antelope Creek
lope
Creek
eek
Long
258
Call Field Canal
South Side Canal
WILBARGER
Sadler Creek
Wichita River
WICHITA
ARCHER
Pecan C
Blackberry Creek
Camp Creek
Bull Creek
Holliday Creek
281
Sloop Creek
Lake Creek
Boggy Creek
Brushy Creek
82
Panther Creek
Bluff Creek
Slippery Creek
Plum Creek
Little Wichita River
North Fork Little Wichita River
ARCHER
Middle Fork Little Wichita River
Little Onion Creek
West Little Post Oak Creek
Post Oak Creek
East Little Post Oak Creek
Godwin Creek
Daggett Creek
Kickapoo Creek
79
Cope Branch
Brier Creek
South Fork Little Wichita River
Dogwood Creek
Buck Branch
Table Branch
Onion Creek
Wagon Branch
114
Bear Creek
Mesquite Creek
Dumas
Amarillo
Hereford
Vernon
Wichita Falls
0
5
10
Miles

Legend

Flood Hazard Area

- ▨ Existing 1% ACE
- ☐ Canadian_Counties_Grid
- 🟩 Existing 0.2% ACE/Future 1% ACE

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REGION 1 CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

FREESE AND NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red

Archer County

Extent of Increase of Flood Hazard Compared to Existing Condition

Map 10

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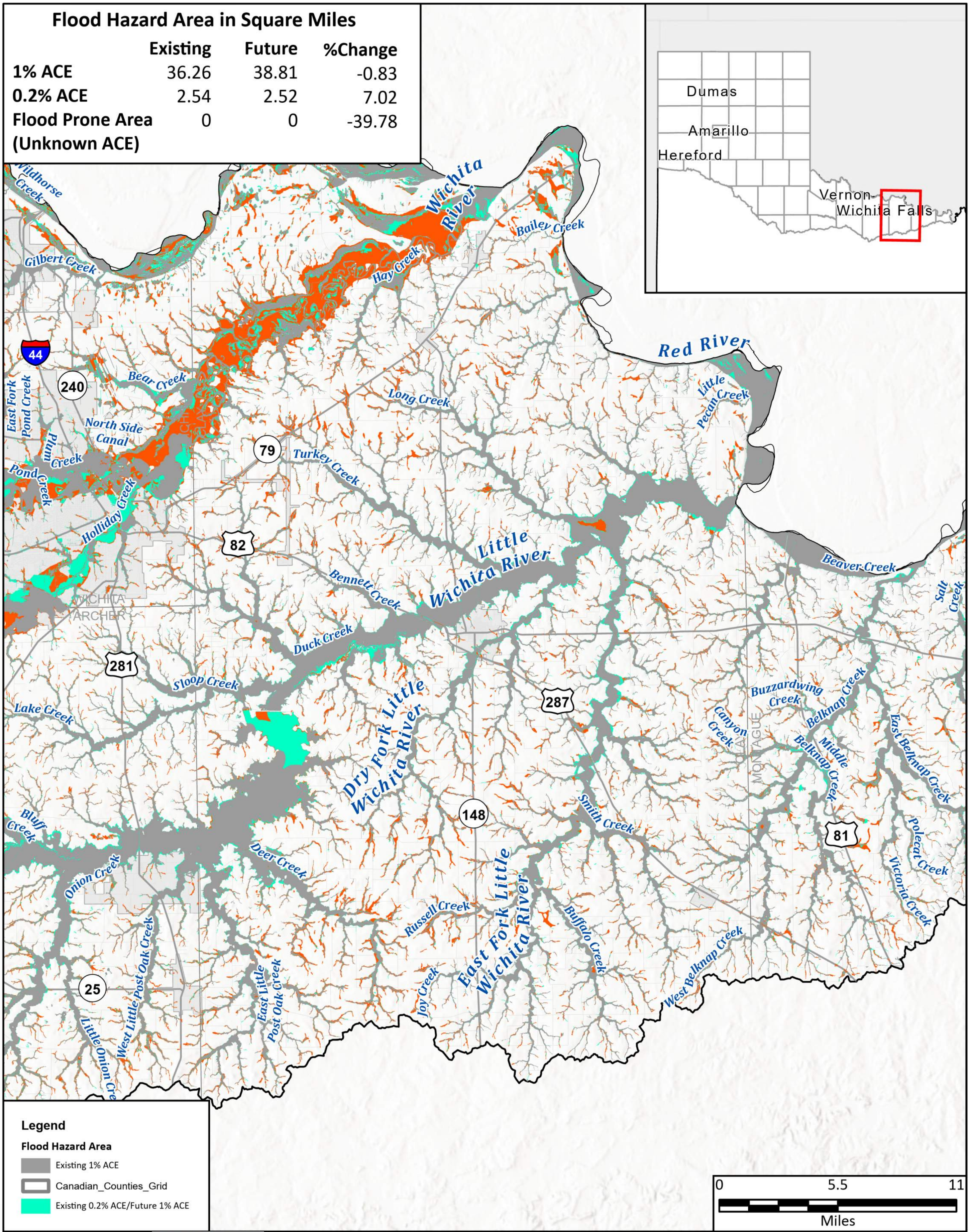
Flood Hazard Area in Square Miles

	Existing	Future	%Change
1% ACE	36.26	38.81	-0.83
0.2% ACE	2.54	2.52	7.02
Flood Prone Area (Unknown ACE)	0	0	-39.78



Dumas
Amarillo
Hereford
Vernon
Wichita Falls
Wildhorse Creek
Wichita River
Bailey Creek
Gilbert Creek
Hay Creek
44
240
Bear Creek
Red River
Long Creek
Little Pecan Creek
East Fork Pond Creek
North Side Canal
Plum Creek
79
Turkey Creek
Pond Creek
Holliday Creek
82
Little Wichita River
Beaver Creek
Bennett Creek
Salt Creek
WICHITA
ARCHER
Duck Creek
281
Sloop Creek
Buzzardwing Creek
Belknap Creek
Lake Creek
Dry Fork Little Wichita River
287
Canyon Creek
MONTAGUE
Middle Belknap Creek
East Belknap Creek
Smith Creek
148
81
Bluff Creek
Polecat Creek
Deer Creek
Onion Creek
Victoria Creek
Russell Creek
East Fork Little Wichita River
Buffalo Creek
West Belknap Creek
West Little Post Oak Creek
Joy Creek
East Little Post Oak Creek
25
Little Onion Creek
0
5.5
11
Miles

Legend

Flood Hazard Area

- ▨ Existing 1% ACE
- ☐ Canadian_Counties_Grid
- 🟩 Existing 0.2% ACE/Future 1% ACE

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REGION 1 CANADIAN UPPER RED
REGIONAL FLOOD PLANNING GROUP

FREESE AND NICHOLS
801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red

Clay County

Extent of Increase of Flood Hazard Compared to Existing Condition

Map 10

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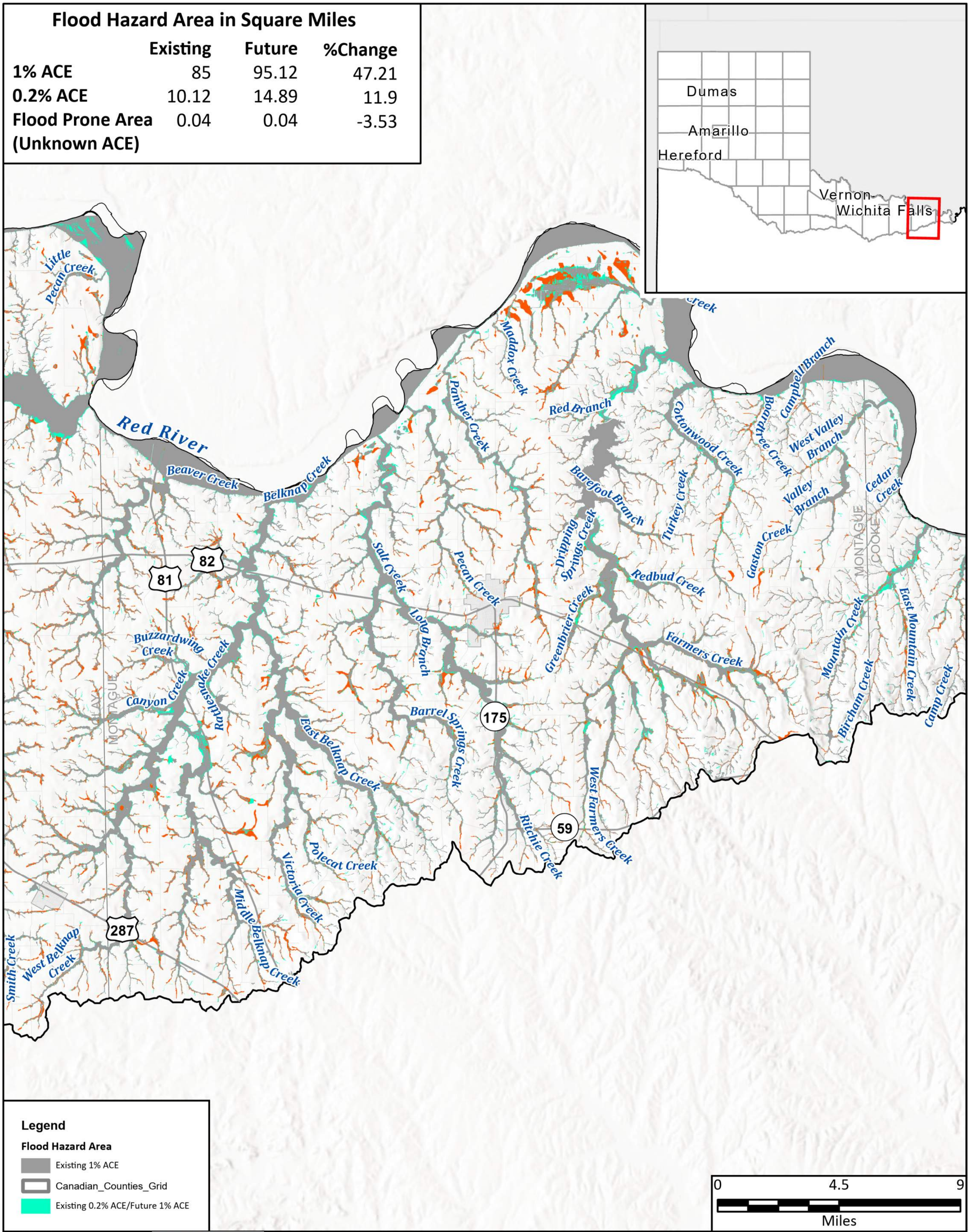
Flood Hazard Area in Square Miles

	Existing	Future	%Change
1% ACE	85	95.12	47.21
0.2% ACE	10.12	14.89	11.9
Flood Prone Area (Unknown ACE)	0.04	0.04	-3.53



Dumas
Amarillo
Hereford
Vernon
Wichita Falls
Little Pecan Creek
Red River
Beaver Creek
Belknap Creek
Maddox Creek
Panther Creek
Red Branch
Creek
Cottonwood Creek
Boggy Creek
Campbell Branch
West Valley Branch
Valley Branch
Cedar Creek
Barefoot Branch
Turkey Creek
Gaston Creek
Dripping Springs Creek
Redbud Creek
Salt Creek
Pecan Creek
Greenbrier Creek
Farmers Creek
Mountain Creek
East Mountain Creek
Camp Creek
Bircham Creek
MONTAGUE
COOKE
CLAY
MONTAGUE
82
81
175
59
287
Buzzardwing Creek
Canyon Creek
Rattlesnake Creek
Long Branch
Barrel Springs Creek
East Belknap Creek
West Farmers Creek
Ritchie Creek
Polecat Creek
Victoria Creek
Middle Belknap Creek
Smith Creek
West Belknap Creek
0
4.5
9
Miles

Legend

Flood Hazard Area

- ▨ Existing 1% ACE
- ☐ Canadian_Counties_Grid
- 🟩 Existing 0.2% ACE/Future 1% ACE

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REGION 1 CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

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801 Cherry St. Suite 2800
Fort Worth, Texas 76102
Office: (817) 735-7300

Region 1: Canadian - Upper Red

Montague County

Extent of Increase of Flood Hazard Compared to Existing Condition

N

Map 10

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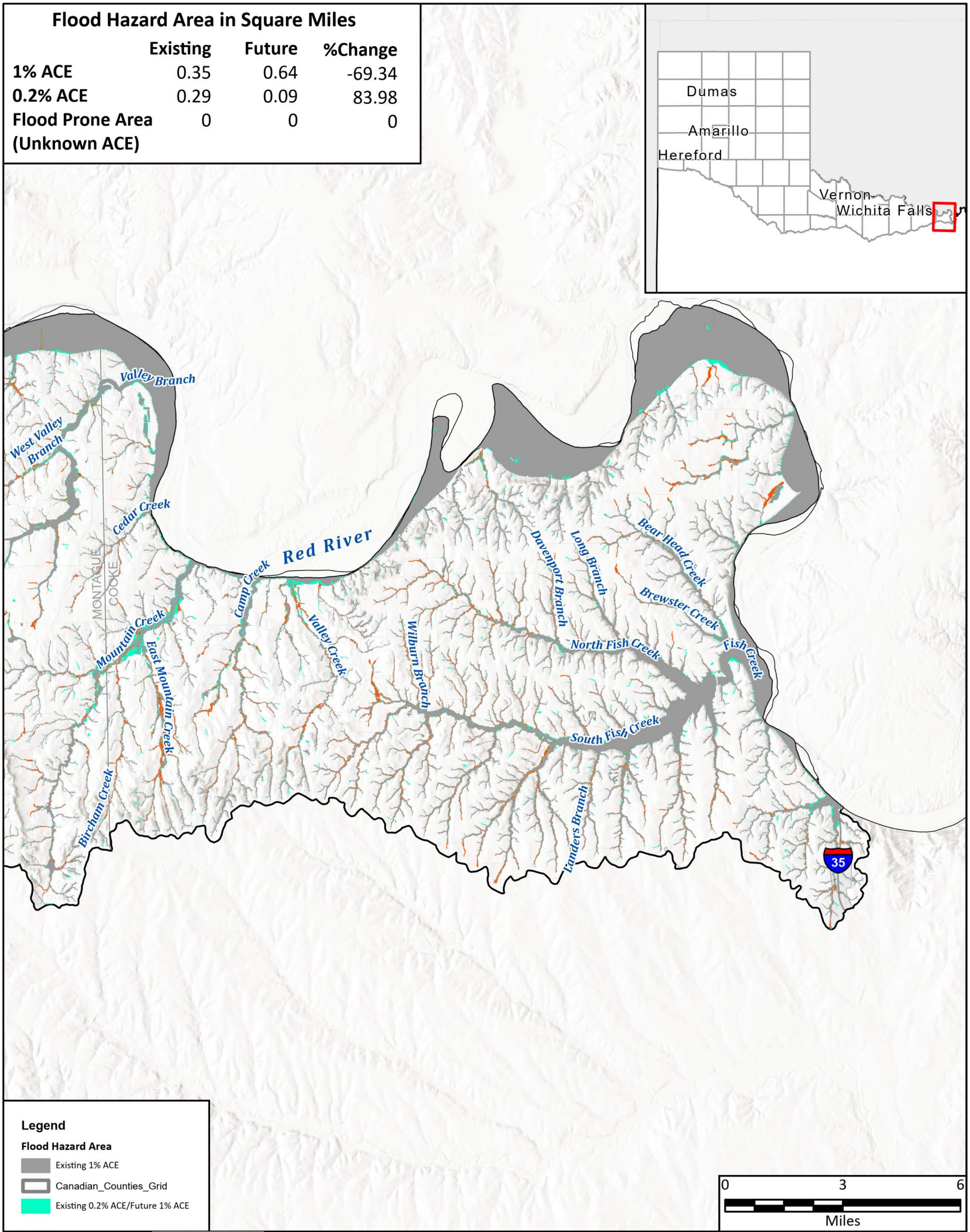
Flood Hazard Area in Square Miles

	Existing	Future	%Change
1% ACE	0.35	0.64	-69.34
0.2% ACE	0.29	0.09	83.98
Flood Prone Area (Unknown ACE)	0	0	0



Dumas
Amarillo
Hereford
Vernon
Wichita Falls
Valley Branch
West Valley Branch
Cedar Creek
Red River
Camp Creek
MONTAGUE
COOKE
Mountain Creek
East Mountain Creek
Valley Creek
Wilburn Branch
Davenport Branch
Long Branch
Bear Head Creek
Brewster Creek
North Fish Creek
Fish Creek
South Fish Creek
Landers Branch
Bircham Creek
35
0
3
6
Miles

Legend

Flood Hazard Area

- ▇ Existing 1% ACE
- ▭ Canadian_Counties_Grid
- 🟩 Existing 0.2% ACE/Future 1% ACE

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REGION 1 CANADIAN UPPER RED REGIONAL FLOOD PLANNING GROUP

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801 Cherry St. Suite 2800
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Office: (817) 735-7300

Region 1: Canadian - Upper Red

Cooke County

Extent of Increase of Flood Hazard Compared to Existing Condition

Map 10

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