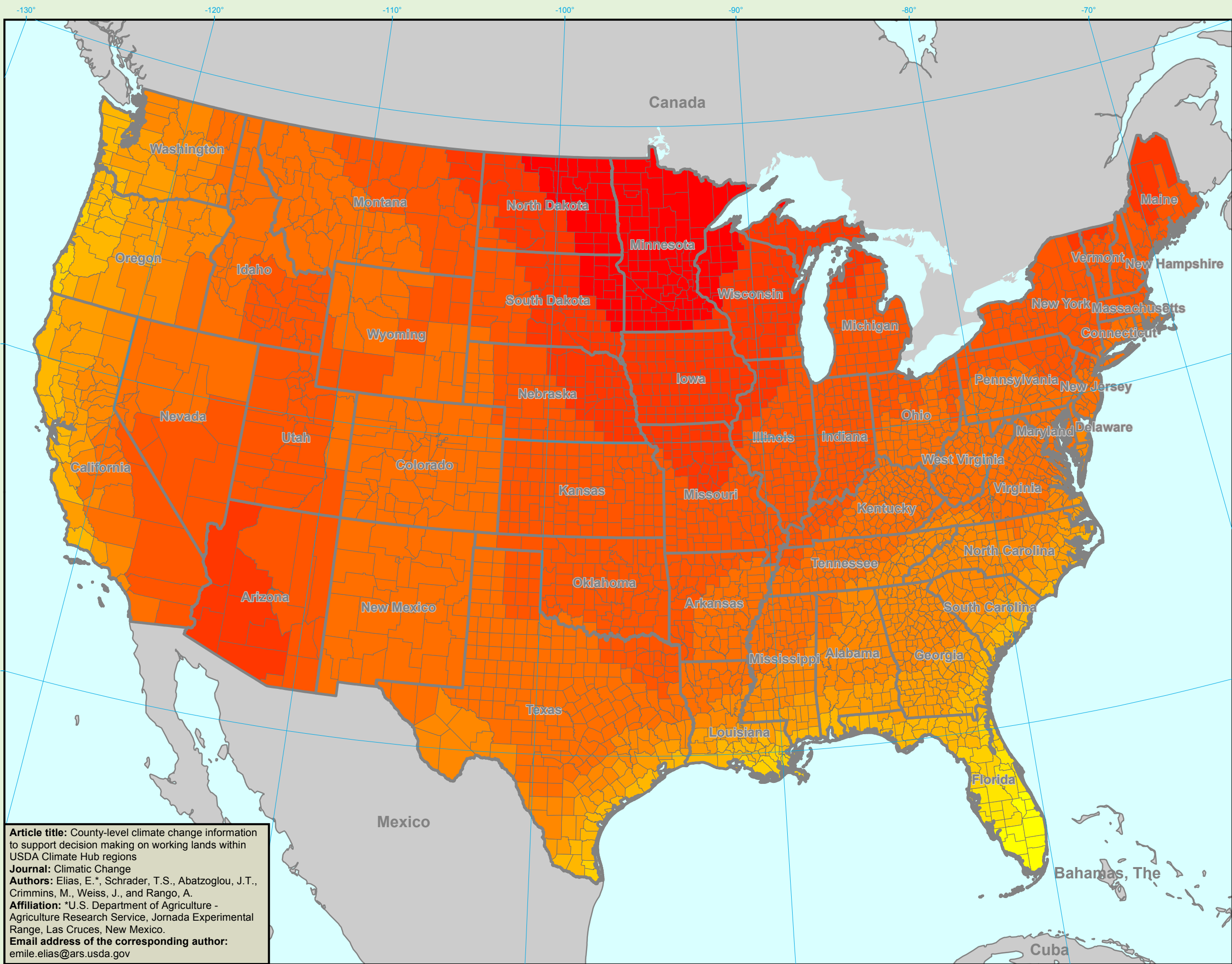
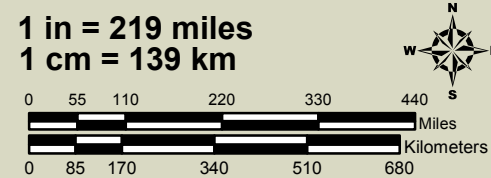


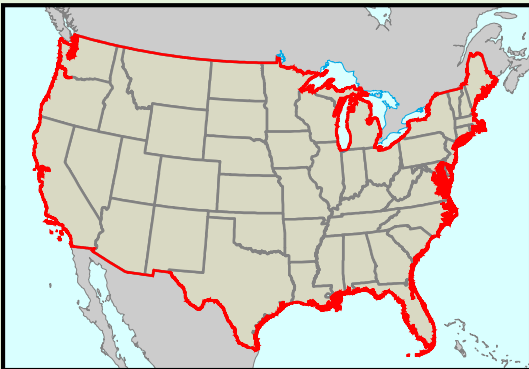
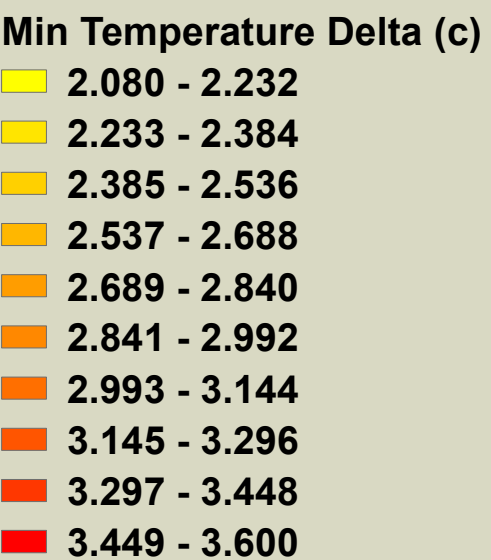


# CONUS Climate Hub Region Fall Min Temperature

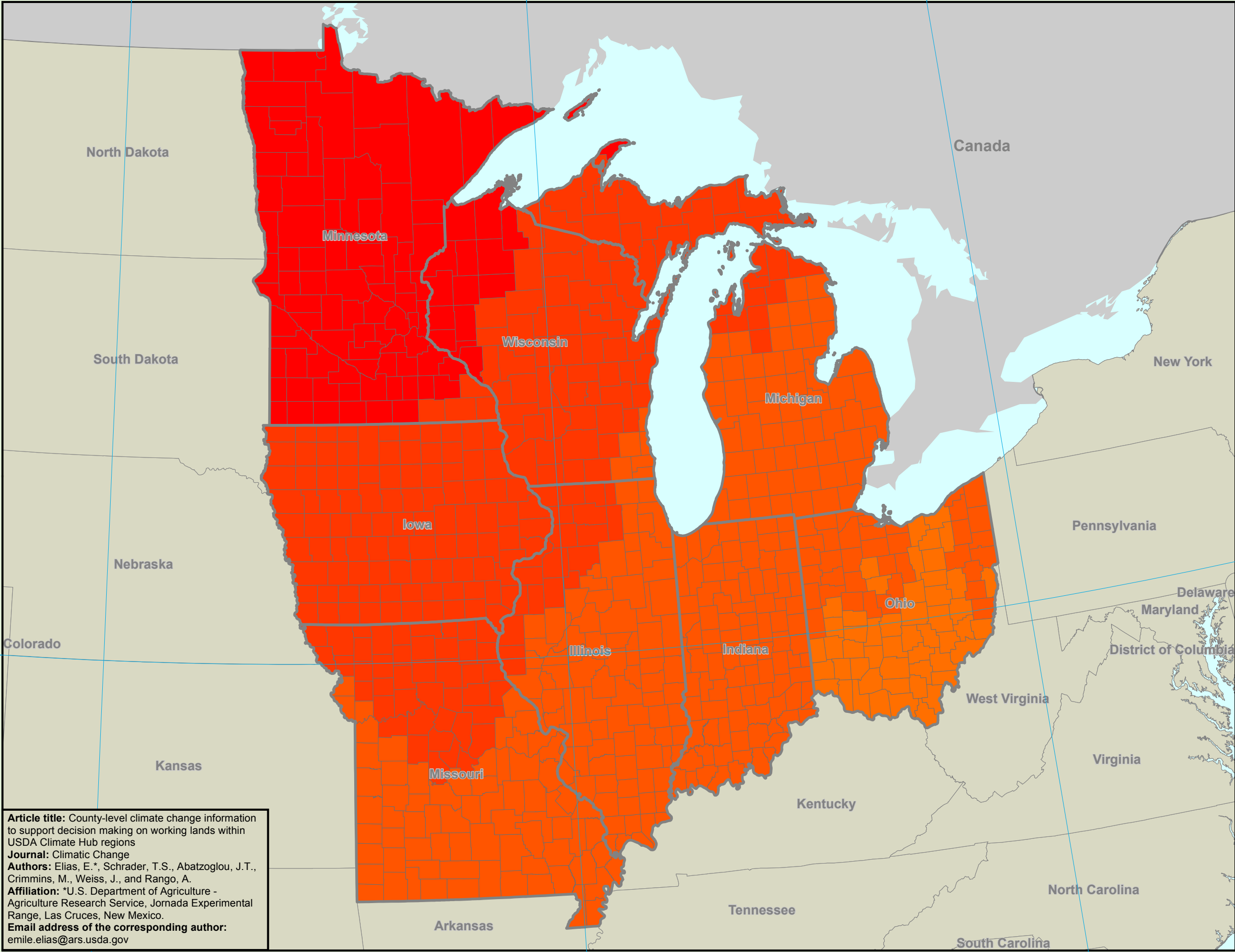
**Coordinate System: Albers**  
Central Meridian: 96°0'0"W  
1st Std Parallel: 20°0'0"N  
2nd Std Parallel: 60°0'0"N  
Latitude of Origin: 40°0'0"N



Change values are derived from 20 global climate models means comparing historic (1971-2000) to future (2040-2069) scenarios and aggregated to county level.



**Article title:** County-level climate change information to support decision making on working lands within USDA Climate Hub regions  
**Journal:** Climatic Change  
**Authors:** Elias, E.\*, Schrader, T.S., Abatzoglou, J.T., Crimmins, M., Weiss, J., and Rango, A.  
**Affiliation:** \*U.S. Department of Agriculture - Agriculture Research Service, Jornada Experimental Range, Las Cruces, New Mexico.  
**Email address of the corresponding author:** emile.elias@ars.usda.gov



# Midwest Climate Hub Region Fall Min Temperature

**Coordinate System: Albers**  
Central Meridian: 96°0'0"W  
1st Std Parallel: 20°0'0"N  
2nd Std Parallel: 60°0'0"N  
Latitude of Origin: 40°0'0"N

**1 in = 102 miles**  
**1 cm = 65 km**

0 25 50 100 150 200 Miles  
0 37.5 75 150 225 300 Kilometers

N  
W E  
S

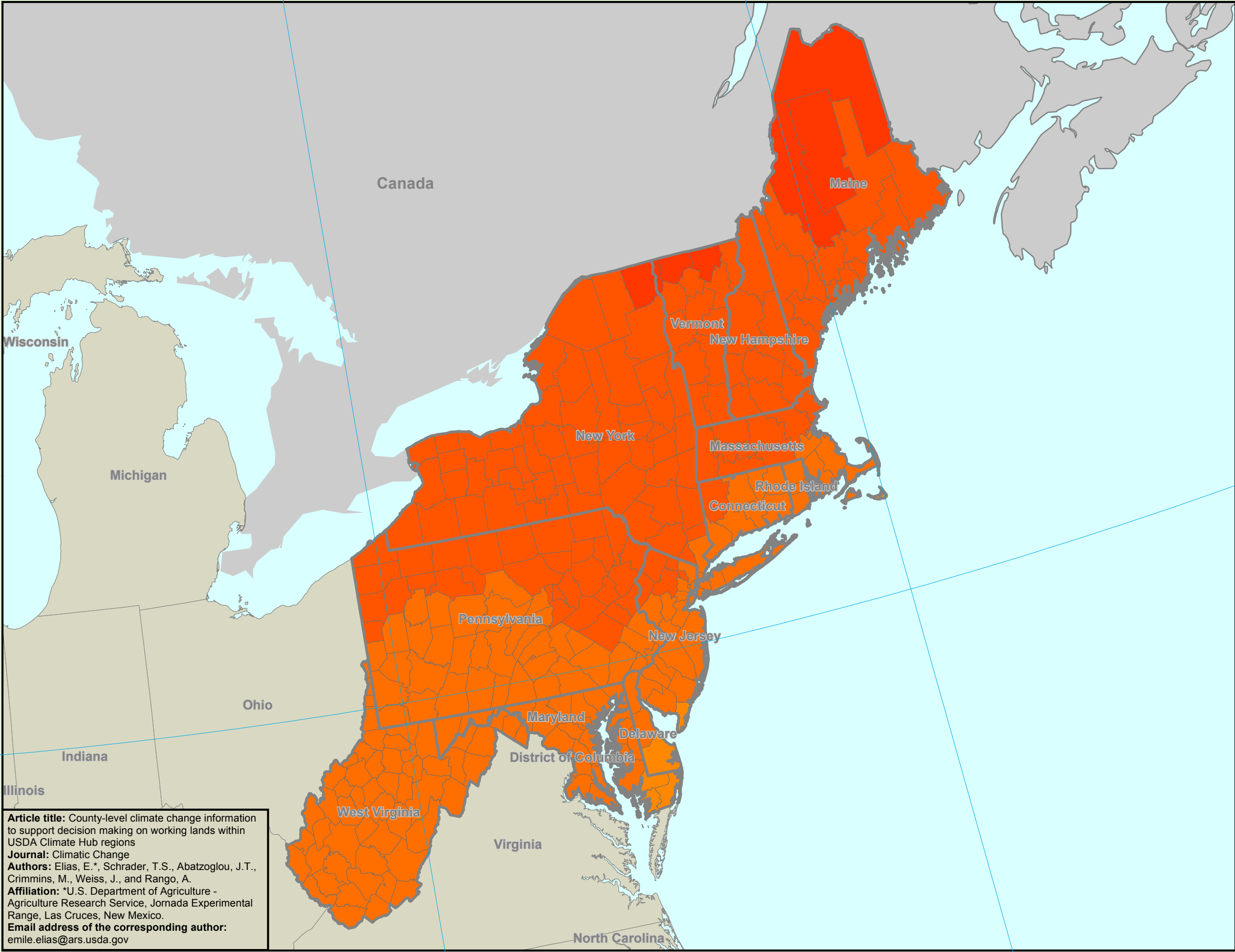
Change values are derived from 20 global climate models means comparing historic (1971-2000) to future (2040-2069) scenarios and aggregated to county level.

| Min Temperature Delta (c) |  |
|---------------------------|--|
| 2.080 - 2.232             |  |
| 2.233 - 2.384             |  |
| 2.385 - 2.536             |  |
| 2.537 - 2.688             |  |
| 2.689 - 2.840             |  |
| 2.841 - 2.992             |  |
| 2.993 - 3.144             |  |
| 3.145 - 3.296             |  |
| 3.297 - 3.448             |  |
| 3.449 - 3.600             |  |



**Article title:** County-level climate change information to support decision making on working lands within USDA Climate Hub regions  
**Journal:** Climatic Change  
**Authors:** Elias, E.\*, Schrader, T.S., Abatzoglou, J.T., Crimmins, M., Weiss, J., and Rango, A.  
**Affiliation:** \*U.S. Department of Agriculture - Agriculture Research Service, Jornada Experimental Range, Las Cruces, New Mexico.  
**Email address of the corresponding author:** emile.elias@ars.usda.gov





## Northeast Climate Hub Region Fall Min Temperature

**Coordinate System: Albers**  
Central Meridian: 96°0'0"W  
1st Std Parallel: 20°0'0"N  
2nd Std Parallel: 60°0'0"N  
Latitude of Origin: 40°0'0"N

**1 in = 91 miles**  
**1 cm = 58 km**

0 20 40 80 120 160 Miles  
0 35 70 140 210 280 Kilometers

N  
W E  
S

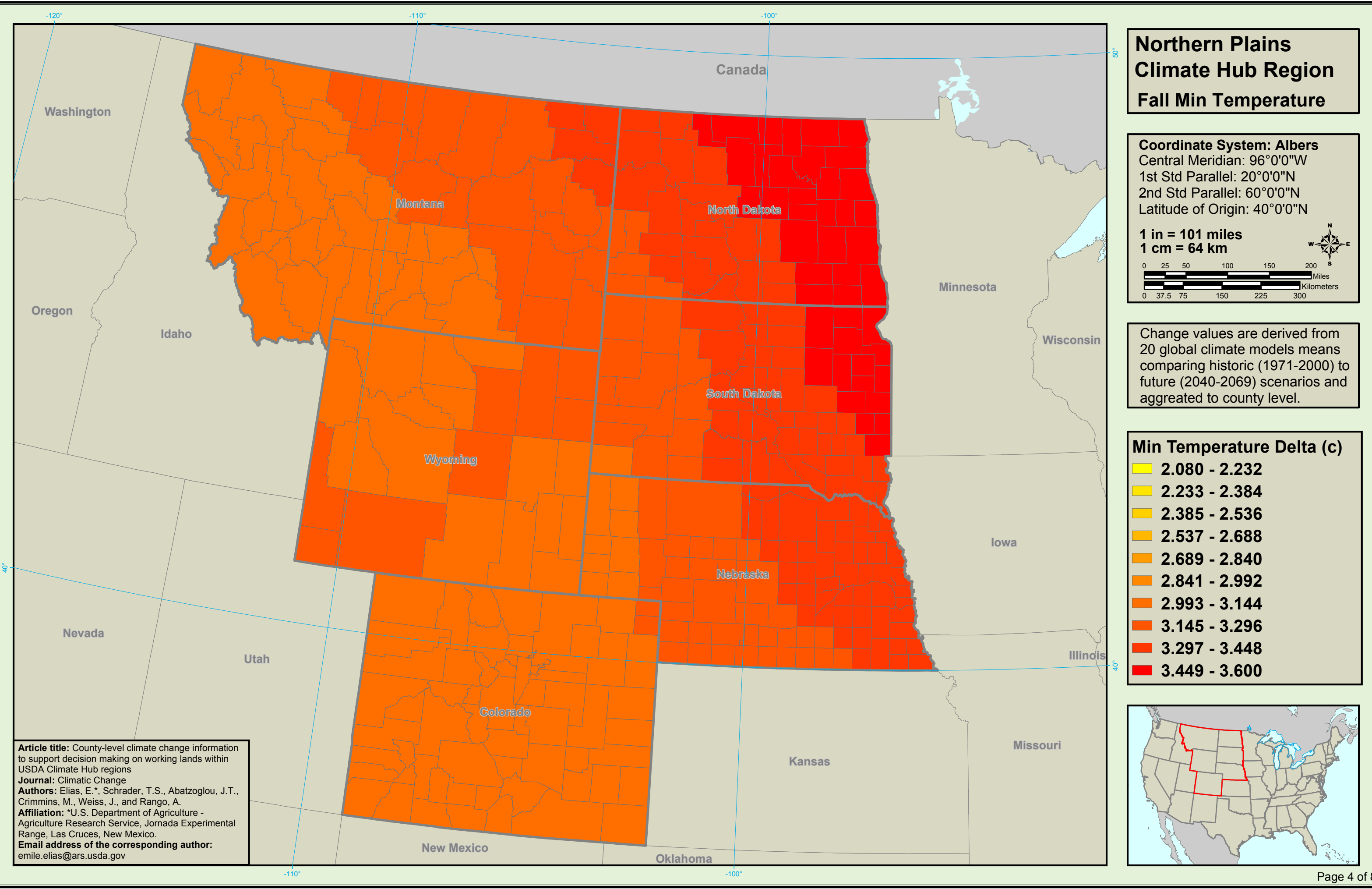
Change values are derived from 20 global climate models means comparing historic (1971-2000) to future (2040-2069) scenarios and aggregated to county level.

**Min Temperature Delta (c)**

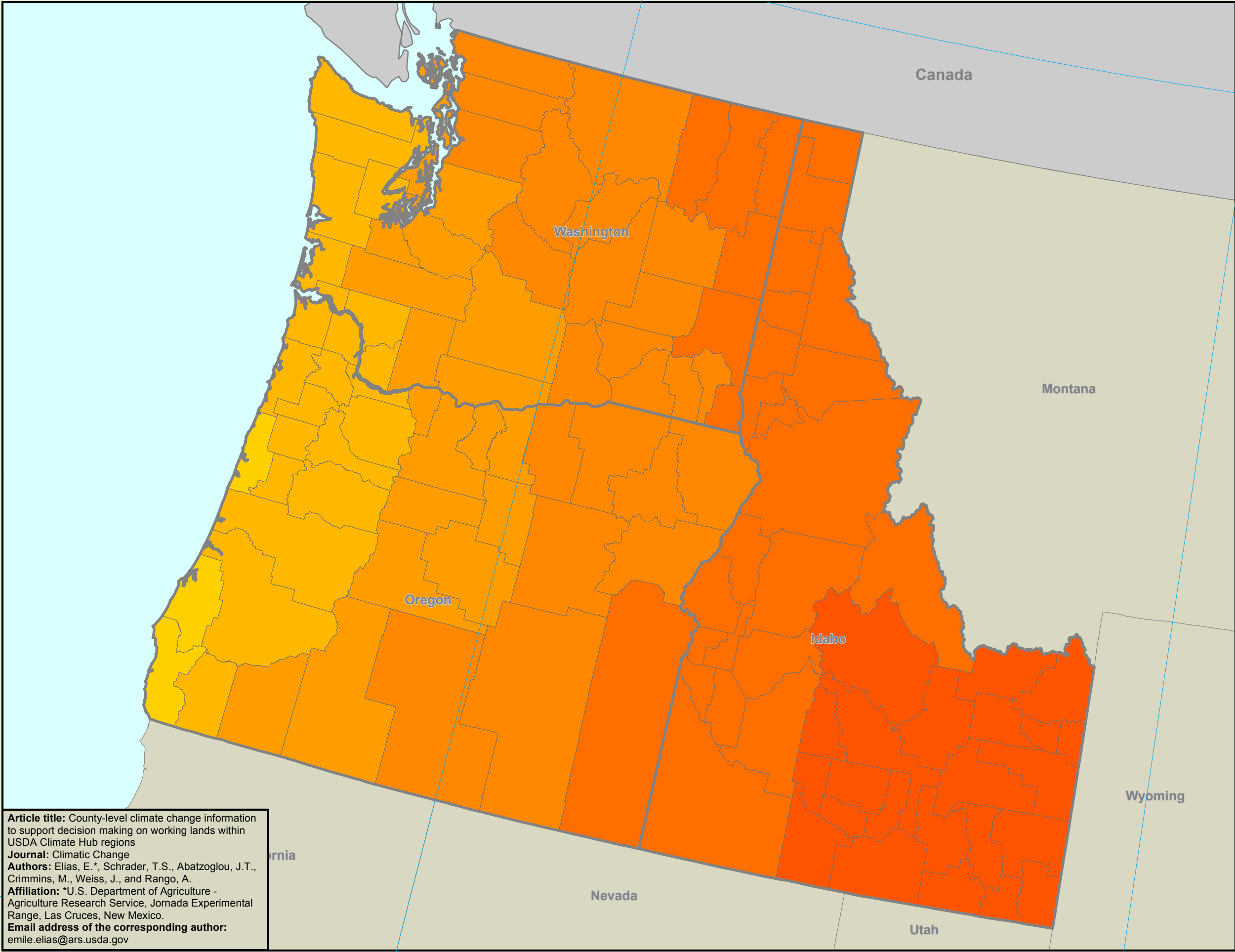
|               |
|---------------|
| 2.080 - 2.232 |
| 2.233 - 2.384 |
| 2.385 - 2.536 |
| 2.537 - 2.688 |
| 2.689 - 2.840 |
| 2.841 - 2.992 |
| 2.993 - 3.144 |
| 3.145 - 3.296 |
| 3.297 - 3.448 |
| 3.449 - 3.600 |



**Article title:** County-level climate change information to support decision making on working lands within USDA Climate Hub regions  
**Journal:** Climatic Change  
**Authors:** Elias, E.\*, Schrader, T.S., Abatzoglou, J.T., Crimmins, M., Weiss, J., and Rango, A.  
**Affiliation:** \*U.S. Department of Agriculture - Agriculture Research Service, Jornada Experimental Range, Las Cruces, New Mexico.  
**Email address of the corresponding author:** emile.elias@ars.usda.gov

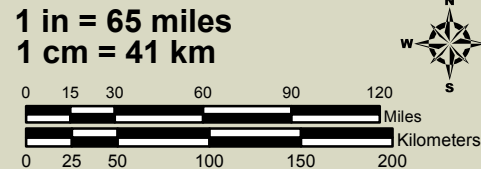






# Northwest Climate Hub Region Fall Min Temperature

**Coordinate System: Albers**  
Central Meridian: 96°0'0"W  
1st Std Parallel: 20°0'0"N  
2nd Std Parallel: 60°0'0"N  
Latitude of Origin: 40°0'0"N



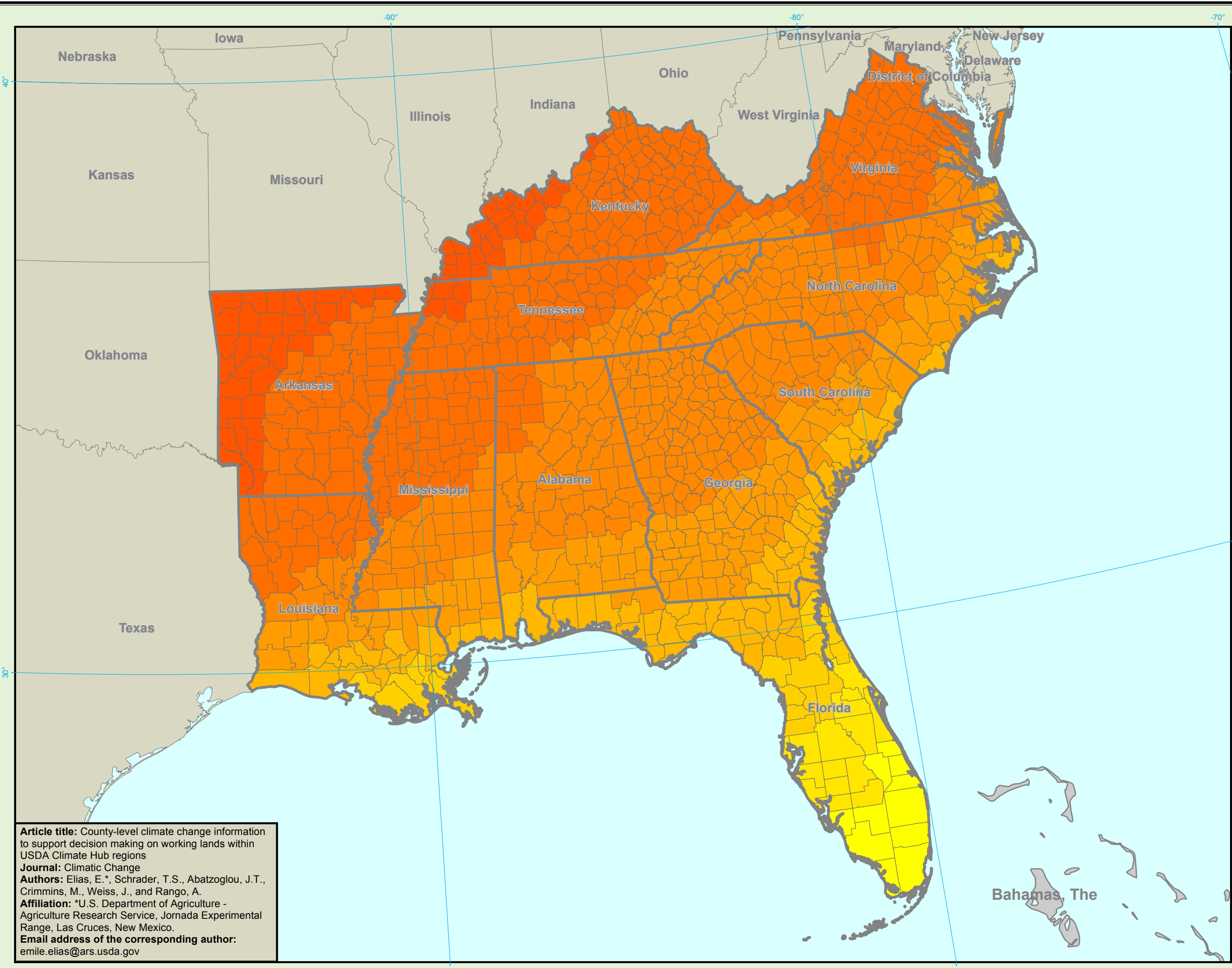
Change values are derived from 20 global climate models means comparing historic (1971-2000) to future (2040-2069) scenarios and aggregated to county level.

## Min Temperature Delta (c)

- 2.080 - 2.232
- 2.233 - 2.384
- 2.385 - 2.536
- 2.537 - 2.688
- 2.689 - 2.840
- 2.841 - 2.992
- 2.993 - 3.144
- 3.145 - 3.296
- 3.297 - 3.448
- 3.449 - 3.600



**Article title:** County-level climate change information to support decision making on working lands within USDA Climate Hub regions  
**Journal:** Climatic Change  
**Authors:** Elias, E.\*, Schrader, T.S., Abatzoglou, J.T., Crimmins, M., Weiss, J., and Rango, A.  
**Affiliation:** \*U.S. Department of Agriculture - Agriculture Research Service, Jornada Experimental Range, Las Cruces, New Mexico.  
**Email address of the corresponding author:** emile.elias@ars.usda.gov



# Southeast Climate Hub Region Fall Min Temperature

**Coordinate System: Albers**  
Central Meridian: 96°0'0"W  
1st Std Parallel: 20°0'0"N  
2nd Std Parallel: 60°0'0"N  
Latitude of Origin: 40°0'0"N

**1 in = 115 miles**  
**1 cm = 73 km**

0 30 60 120 180 240 Miles  
0 40 80 160 240 320 Kilometers

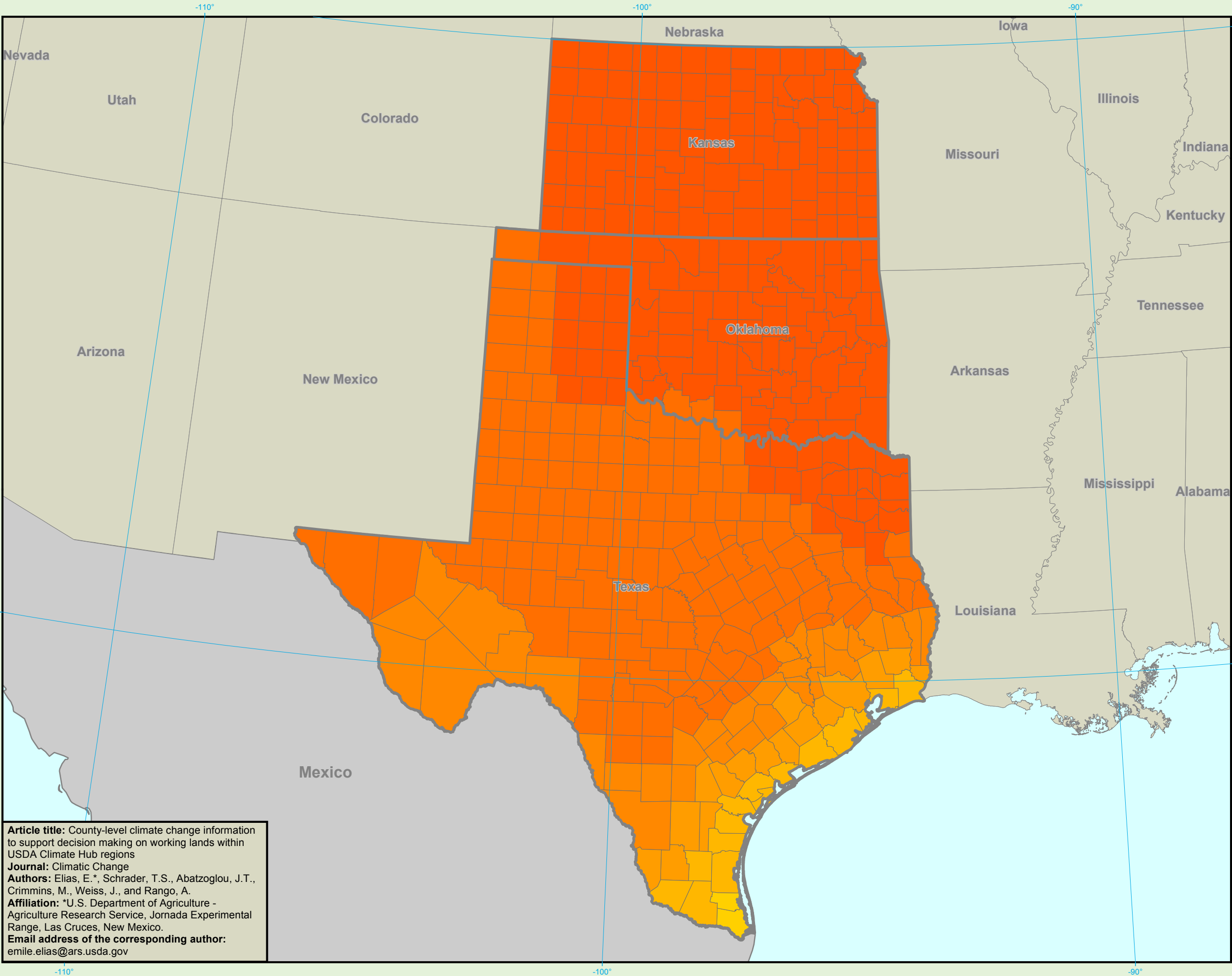
Change values are derived from 20 global climate models means comparing historic (1971-2000) to future (2040-2069) scenarios and aggregated to county level.

| Min Temperature Delta (c) |               |
|---------------------------|---------------|
|                           | 2.080 - 2.232 |
|                           | 2.233 - 2.384 |
|                           | 2.385 - 2.536 |
|                           | 2.537 - 2.688 |
|                           | 2.689 - 2.840 |
|                           | 2.841 - 2.992 |
|                           | 2.993 - 3.144 |
|                           | 3.145 - 3.296 |
|                           | 3.297 - 3.448 |
|                           | 3.449 - 3.600 |

**Article title:** County-level climate change information to support decision making on working lands within USDA Climate Hub regions  
**Journal:** Climatic Change  
**Authors:** Elias, E.\*, Schrader, T.S., Abatzoglou, J.T., Crimmins, M., Weiss, J., and Rango, A.  
**Affiliation:** \*U.S. Department of Agriculture - Agriculture Research Service, Jornada Experimental Range, Las Cruces, New Mexico.  
**Email address of the corresponding author:** emile.elias@ars.usda.gov







# Southern Plains Climate Hub Region Fall Min Temperature

**Coordinate System: Albers**  
Central Meridian: 96°0'0"W  
1st Std Parallel: 20°0'0"N  
2nd Std Parallel: 60°0'0"N  
Latitude of Origin: 40°0'0"N

**1 in = 108 miles**  
**1 cm = 69 km**

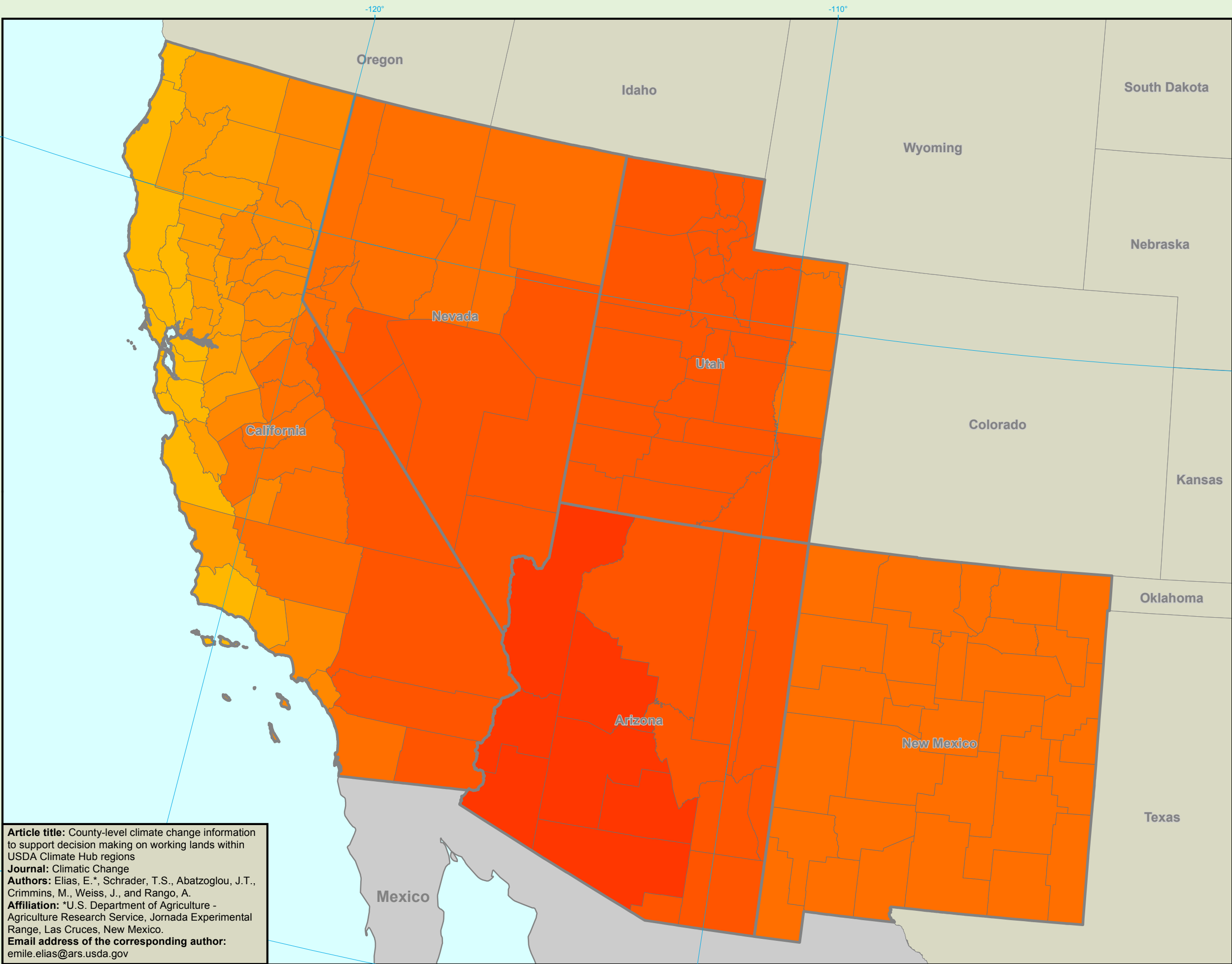
0 25 50 100 150 200 Miles  
0 40 80 160 240 320 Kilometers

Change values are derived from 20 global climate models means comparing historic (1971-2000) to future (2040-2069) scenarios and aggregated to county level.

| Min Temperature Delta (c) |               |
|---------------------------|---------------|
|                           | 2.080 - 2.232 |
|                           | 2.233 - 2.384 |
|                           | 2.385 - 2.536 |
|                           | 2.537 - 2.688 |
|                           | 2.689 - 2.840 |
|                           | 2.841 - 2.992 |
|                           | 2.993 - 3.144 |
|                           | 3.145 - 3.296 |
|                           | 3.297 - 3.448 |
|                           | 3.449 - 3.600 |



**Article title:** County-level climate change information to support decision making on working lands within USDA Climate Hub regions  
**Journal:** Climatic Change  
**Authors:** Elias, E.\*, Schrader, T.S., Abatzoglou, J.T., Crimmins, M., Weiss, J., and Rango, A.  
**Affiliation:** \*U.S. Department of Agriculture - Agriculture Research Service, Jornada Experimental Range, Las Cruces, New Mexico.  
**Email address of the corresponding author:** emile.elias@ars.usda.gov



# Southwest Climate Hub Region Fall Min Temperature

**Coordinate System: Albers**  
Central Meridian: 96°0'0"W  
1st Std Parallel: 20°0'0"N  
2nd Std Parallel: 60°0'0"N  
Latitude of Origin: 40°0'0"N

**1 in = 98 miles**  
**1 cm = 62 km**

0 25 50 100 150 200 Miles  
0 37.5 75 150 225 300 Kilometers

Change values are derived from 20 global climate models means comparing historic (1971-2000) to future (2040-2069) scenarios and aggregated to county level.

| Min Temperature Delta (c) |  |
|---------------------------|--|
| 2.080 - 2.232             |  |
| 2.233 - 2.384             |  |
| 2.385 - 2.536             |  |
| 2.537 - 2.688             |  |
| 2.689 - 2.840             |  |
| 2.841 - 2.992             |  |
| 2.993 - 3.144             |  |
| 3.145 - 3.296             |  |
| 3.297 - 3.448             |  |
| 3.449 - 3.600             |  |



**Article title:** County-level climate change information to support decision making on working lands within USDA Climate Hub regions  
**Journal:** Climatic Change  
**Authors:** Elias, E.\*, Schrader, T.S., Abatzoglou, J.T., Crimmins, M., Weiss, J., and Rango, A.  
**Affiliation:** \*U.S. Department of Agriculture - Agriculture Research Service, Jornada Experimental Range, Las Cruces, New Mexico.  
**Email address of the corresponding author:** emile.elias@ars.usda.gov