

# APPENDIX A: ACRONYMS USED IN THIS PLAN

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APA	American Planning Association
APHIS	Animal & Plant Health Inspection Service
ARC	American Red Cross
BFE	Base Flood Elevation (The 100-year-flood, the 1% event)
BOR	Bureau of Reclamation
CDBG	Community Development Block Grants
CDOT	Colorado Department of Transportation
CFM	Certified Floodplain Manager
CGS	Colorado Geological Survey
CO-OEM	Colorado Office of Emergency Management
CDPHE	Colorado Department of Public Health & Environment
CERT	Community Emergency Response team
CEUS	Central US Attenuation Function
CPE	County Planning Element
CPS	County Planning Subcommittee
CRS	Community Rating System
CSU	Colorado State University
CWCB	Colorado Water Conservation Board
DFIRM	Digital Flood Insurance Rate Map
DHS	Department of Homeland Security
DMA	Disaster Mitigation Act of 2000
DNR	Department of Natural Resources
DOLA	Department of Local Affairs
DOI	Department of the Interior

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DOW	Division of Wildlife
DRLOG	Denver Regional Council on Governments
DWSA	Drought & Water Supply Assessment
EAPs	Emergency Action Plans
EOC	Emergency Operations Center
EOP	Emergency Operations Procedures
EPA	Environmental Protection Agency
FEMA	Federal Emergency Management Agency
FFA	Future Farmers of America
FHBM	Flood Hazard Boundary Map
FIRM	Flood Insurance Rate Map
FMA	Flood Mitigation Assistance (FEMA/NFIP Program)
FSA	Farm Service Agency (part of USDA)
GHIPM	Grasshopper Integrated Pest Management
GIS	Global Information System
H&H	Hydraulics and Hydrology
HMGP	Hazard Mitigation Grant Program
IFG	Individual & Family Grant Program (FEMA Program)
LCWCD	Logan County Water Conservancy District
LEOP	Local Emergency Operations Plan
LEPC	Local Emergency Planning Committee
LOMR	Letter of Map Revision
MCPC	Multi-County Planning Committee
NCDC	National Climatic Data Center (part of NOAA)

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NCEM	Northeastern Colorado Emergency Managers (Association)
NCIS	National Crop Insurance Services (part of USDA)
NFIP	National Flood Insurance Program (FEMA Program)
NKC	Nebraska-Kansas-Colorado (Railroad)
NOAA	National Oceanic and Atmospheric Administration
NPDP	National Performance of Dams Program
NRCS	Natural Resource Conservation Services (part of USDA (formerly SCS))
NSFHA	No Special Flood Hazard Area
NWS	National Weather Service (Part of NOAA)
OEM	Office of Emergency Management
PDM	Pre-Disaster Mitigation (Program)
REA	Rural Electric Association
RETAC	Regional Emergency Trauma Advisory Council
RMIIA	Rocky Mountain Insurance Information Association
SARA	Superfund Reauthorization Act
SBA	Small Business Administration
SCS	Soil Conservation Service (now NRCS)
SDO	State Demographic Office
SFHA	Special Flood Hazard Area
SHPO	State Historic Preservation Officer
TH	Temporary Housing (FEMA Program)
UPRR	Union Pacific Railroad
USACE	United States Army Corps of Engineers
USDA	United States Department of Agriculture

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USGS	United States Geological Survey (part of DOI)
WMD	Weapon of Mass Destruction
WNV	West Nile Virus
WAPA	Western Area Power Association
WPA	Works Projects Administration
WUI	Wildland Urban Interface
WUS	Western US Attenuation Function

# APPENDIX B

## PLAN PARTICIPANTS

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# APPENDIX C: HAZARD EVENTS

## NORTHEASTERN COLORADO 2009-2013

Hazard Events, 2009 – 2013, Nine-County Planning Region (Cheyenne, Kit Carson, Lincoln, Logan, Morgan, Phillips, Sedgwick, Washington, Yuma)

Hazard Events in Northeastern Colorado, 2009-2013			
DATE	EVENT	LOCATION	IMPACTS
<b>Cheyenne County</b>			
2009	H1N1 Pandemic	Countywide	Mass vaccinations clinics established – direct impacts unknown
2009-2014	Drought	Countywide	Multiple wildfires. See crop loss data in Appendix D of this plan
2012-2013	Excessive Heat	Countywide	Heat-related illnesses
2014	Tumbleweeds	West Cheyenne County	\$30,000 removal costs
<b>Kit Carson County</b>			
6/28/2011	Wind Event	Burlington	2 hangars/8 planes destroyed
6/14/2014	Wind Event	Countywide	Extended power outage
<b>Lincoln County</b>			
1/09/2009	Wind Event	East of Genoa	Dust storm caused multi-vehicle accident with fire
1/09/2009	Wind Event	Karval	Wildfire burned 1883 acres – caused by carelessness
1/19/2009	Dust Storm	I-70	Caused fatal accident on I-70, 2 deaths, 13 vehicles involved, 8 injured people transported
6/15/2009	Hail	Limon	6-8 inches of hail; damage to homes and vehicles
7/29/2009	Hail	South of Limon	2 inches of hail, strong winds, and heavy rains caused damage to county road, utility poles, residences and crops
8/17/2009	Hail	North & East of Punkin Center	1.25" to 2.25" hail, strong winds, heavy rain, and flash floods; caused county road closures and damages to crops, residences, and vehicles
7/04/2010	Hail	Limon, Genoa North and East of Limon North and East of Genoa	2.25" hail, strong winds, heavy rain, and flash floods caused county road closures and damages to crops, buildings, and vehicles (475 building permits \$5.4+ million in damages to buildings)
3/24/2011	Fire	Karval	Wildfire burned 3300 to 4000 acres (human-caused); 1 County Bridge burned
6/16/2011	Wind	Limon	77 MPH wind gusts (microbursts); 4 to 5 semis overturned
6/18/2011	Hail	Limon East of Limon	1.25" hail, strong winds, heavy rain
1/27/2012	Drought	Lincoln County	Drought (10/1/2011 -- 2/1/2012)

# APPENDIX C: HAZARD EVENTS

## NORTHEASTERN COLORADO 2009-2013

2/2-2/3/2012	Snow	Entire County	6" of snow in the south portion of the county with up to 36" in the northwest corner of the county
6/14/2012	Hail	Hugo	1" to 2" hail in Hugo; damage to roofs, siding and vehicles (\$794,234 to Lincoln County property alone)
2012	Severe Drought	Lincoln County	Crop and pasture failures (many cattle had to be sold)
9/15/2013	Flood FED #DR 4145	Rural Haswell area	2 bridges destroyed; county roads scoured or impassable in more than 100 locations (\$150,000.00 in damages -- State and Federal assistance was made available)
6/4/2014	Hail/Possible Tornado	Hugo	Some structural damage/ widespread crop damage (2 injuries from semi rollover)
July 14-15/2014	Flood	Rush	2-5" rain in 30 minutes washed out 3 culverts and caused damage at >100 sites (\$156,000 in damages)
<b>Logan County</b>			
January 1, 2009 – July 1, 2013	Wildfires	Countywide	Approximately 400 wildfires, including 28 that required 3 or more fire departments to control. These 28 wildfires burned 31,937 acres.
August 10, 2011	Severe Thunderstorms	Large area including Sterling	Intense storm produced 60 mph winds, heavy rain and golf ball-size hail. Over 100 homes sustained moderate to heavy hail damage. Insured losses in Sterling were in the millions.
September 15, 2013	Flooding	South Platte River	Flood overtopped canals and ditches and resulted in evacuation of 900 and shelter care. All bridges across the river were damaged, effectively cutting the county in two. 107 homes damaged, including 11 destroyed and 7 with major damage. 7-day no flush order due to WWTP damage caused economic hardship for City of Sterling residents and businesses. (Infrastructure damage – approximately \$800,000; personal losses – approximately \$500,000.)
<b>Morgan County</b>			
6/7/2012	Hail	Countywide	\$3,500,000 in damages to homes, roofs and cars
9/14/2013	Flooding	Countywide	\$8.9 million in damages to county roads and bridges
<b>Phillips County</b>			
No reported incidents			
<b>Sedgwick County</b>			
March 2009	Blizzard	Countywide	Multi-car accidents; road closures
August 2010	Hail/Wind	Julesburg	Crop damage; roof damage
December 31, 2010	Blizzard	Countywide	Multi-car accidents

# APPENDIX C: HAZARD EVENTS

## NORTHEASTERN COLORADO 2009-2013

August 30, 2011	Hail/Rain/Wind	NE Sedgwick County	Crop damage
2010-2012	Drought	Countywide	Crop damage; loss of pasture land
July 25, 2013	Hail/Rain/Wind	W. Sedgwick County	Crop damage; roof damage
September 17, 2013	Flooding	S. Platte River	Streambank erosion; fence damage
June 7, 2014	Hail/Winds	Countywide	Crop damage
<b>Washington County</b>			
6/5/2009	Flood	Messex	Flooding on S. Platte R. damaged farm land
8/17/2009	Hail	W. Washington Cy.	CDOT had to use snow plows to clear Hwy. 34
5/24/2010	High Winds	Akron	High winds damaged residences and overturned a semi-truck east of Akron
6/14/2010	Flooding	Messex	The S. Platte R. went out of its banks and caused damages to county roads and farm lands
6/25-6/26/2012	Wildfire	Last Chance	The Last Chance Fire burned 53,332 acres and caused \$ millions in agricultural damages
4/8/2013	Microburst/Tornado	Last Chance/Akron	Severe thunderstorm damaged power lines in Last Chance area and destroyed a residence two miles south of Akron
8/3/2013	Flooding	Last Chance	Heavy rains caused flooding and washed out several roads, including Hwy. 71.
9/14/2013	Flooding	Messex	Considerable damage to county roads and residences near the S. Platte R. Washington County received a FEMA Public Assistance declaration.
1/16/2014	High Winds	Platner	Blowing dirt caused 11-car accident/MCI west of Platner with 10 transported to area hospitals
5/7/2014	Hail	Woodrow	Hail on Hwy. 71 required CDOT snow plows
8/28/2014	Hail	Akron	2-inch diameter hail caused considerable damages to residences and vehicles
<b>Yuma County</b>			
3/22/2009	High Winds	Yuma	66 mph winds recorded
6/21/2010	Hail/Winds	SC Yuma County	Baseball-size hail and major crop damages
7/3/2010	Heavy Rains	Idalia Area	5-10" rain in 2 hrs.; \$30,000 damages to county roads
6/14-6/19/2011	Tornado/High Winds	Central Yuma County	Crop damage; structural damage
3/18/2012	Wildfire	WC Yuma County	2 homes lost; 24,000 acres burned (>\$7 million damages)
2012-2014	Drought	Countywide	Damage to dryland crops and non-irrigated pasture; economic losses to agriculture-related businesses
6/19/2013	Flooding	Countywide	Flash floods caused damages to roads.

# APPENDIX D: CROP INSURANCE DATA

## Crop Insurance Statistics by County, 2008 – 2013

Year	Liability	Total Premium	Federal Premium Subsidy	Farmer Paid Premium	Amount Paid Claims
<b>CHEYENNE COUNTY</b>					
2008	\$32,288,430	\$10,074,563	\$5,979,643	\$4,094,920	\$11,131,004
2009	\$37,379,466	\$12,002,573	\$7,229,620	\$4,772,953	\$2,466,914
2010	\$25,810,090	\$7,503,812	\$4,608,900	\$2,894,912	\$901,115
2011	\$45,653,990	\$11,697,103	\$7,536,299	\$4,160,804	\$4,459,097
2012	\$45,836,464	\$11,248,179	\$7,319,457	\$3,928,722	\$5,202,688
2013	\$56,220,342	\$15,542,048	\$10,342,139	\$5,199,909	\$38,194,460
Total	\$243,188,782	\$68,068,278	\$43,016,058	\$25,052,220	\$62,355,278
<b>KIT CARSON COUNTY</b>					
2008	\$104,938,246	\$22,620,435	\$13,320,431	\$9,300,004	\$24,354,290
2009	\$33,894,115	\$10,229,212	\$5,978,603	\$4,250,609	\$4,034,089
2010	\$87,737,594	\$18,107,018	\$10,891,029	\$7,215,989	\$2,170,661
2011	\$138,095,334	\$25,014,870	\$15,374,873	\$9,639,997	\$11,980,129
2012	\$139,870,991	\$22,683,682	\$13,839,994	\$8,843,688	\$46,933,665
2013	\$143,739,234	\$26,459,403	\$16,067,216	\$10,392,187	\$51,602,340
Total	\$648,240,514	\$125,114,620	\$62,472,146	\$49,642,474	\$141,075,174
<b>LINCOLN COUNTY</b>					
2008	\$24,708,585	\$6,990,143	\$4,059,011	\$2,931,132	\$9,031,424
2009	\$33,894,115	\$10,229,212	\$5,978,603	\$4,250,609	\$4,034,089
2010	\$25,441,918	\$7,083,945	\$4,178,086	\$2,905,859	\$2,690,943
2011	\$37,038,157	\$9,997,984	\$5,908,710	\$4,089,274	\$10,166,625
2012	\$38,810,780	\$11,162,298	\$6,673,685	\$4,488,613	\$11,714,878
2013	\$38,869,180	\$11,479,363	\$6,841,483	\$4,637,880	\$16,421,805
Total	\$198,762,735	\$56,942,945	\$33,639,578	\$23,303,367	\$54,059,804
<b>LOGAN COUNTY</b>					
2008	\$52,596,223	\$8,524,403	\$4,937,994	\$3,568,409	\$4,527,479
2009	\$51,361,322	\$9,357,822	\$5,479,460	\$3,878,362	\$3,839,265
2010	\$44,534,682	\$6,841,816	\$4,042,983	\$2,798,833	\$381,116
2011	\$67,299,151	\$9,119,644	\$5,436,395	\$3,683,249	\$2,925,426
2012	\$71,132,219	\$9,108,916	\$5,427,727	\$3,681,189	\$8,173,377
2013	\$72,147,059	\$9,296,632	\$5,527,425	\$3,769,207	\$6,553,968
Total	\$359,070,656	\$52,249,233	\$30,851,984	\$21,397,249	\$26,400,631
<b>MORGAN COUNTY</b>					
2008	\$42,034,415	\$6,204,621	\$3,547,945	\$2,656,676	\$6,478,840
2009	\$42,478,316	\$7,453,667	\$4,270,491	\$3,183,176	\$4,038,322
2010	\$38,595,337	\$5,271,638	\$3,031,790	\$2,239,848	\$1,317,388
2011	\$60,962,982	\$7,849,896	\$4,584,121	\$3,265,775	\$2,183,620
2012	\$60,660,179	\$7,285,610	\$4,233,414	\$3,052,196	\$4,550,360
2013	\$58,715,882	\$7,283,335	\$4,210,104	\$3,073,231	\$8,151,295
Total	\$303,447,111	\$41,348,767	\$23,877,865	\$17,470,902	\$26,719,825

# APPENDIX D: CROP INSURANCE DATA

Year	Liability	Total Premium	Federal Premium Subsidy	Farmer Paid Premium	Amount Paid Claims
<b>PHILLIPS COUNTY</b>					
2008	\$61,716,233	\$9,561,256	\$5,468,217	\$4,093,039	\$2,271,039
2009	\$60,325,002	\$10,866,054	\$6,275,868	\$4,590,186	\$4,457,971
2010	\$54,036,144	\$7,876,904	\$4,582,243	\$3,294,661	\$581,351
2011	\$82,248,030	\$10,682,101	\$6,229,482	\$4,452,619	\$4,624,870
2012	\$83,585,795	\$9,970,421	\$5,711,332	\$4,259,089	\$15,610,289
2013	\$86,160,714	\$10,351,973	\$5,860,674	\$4,491,299	\$13,060,235
Total	\$428,071,920	\$59,308,709	\$34,127,816	\$25,180,893	\$40,605,755
<b>SEDGWICK COUNTY</b>					
2008	\$32,400,098	\$4,761,102	\$2,691,504	\$2,069,598	\$557,067
2009	\$34,795,767	\$5,515,941	\$3,162,127	\$2,353,814	\$1,875,259
2010	\$29,611,453	\$3,807,665	\$2,200,433	\$1,607,232	\$712,042
2011	\$44,258,835	\$5,453,922	\$3,162,426	\$2,291,496	\$4,128,424
2012	\$45,325,607	\$5,395,112	\$3,109,932	\$2,285,180	\$7,352,917
2013	\$46,51,251	\$5,588,485	\$3,175,958	\$2,412,527	\$7,678,406
Total	\$232,905,011	\$30,522,227	\$17,502,380	\$13,019,847	\$22,304,115
<b>WASHINGTON COUNTY</b>					
2008	\$61,605,762	\$13,296,781	\$7,719,764	\$5,577,017	\$12,279,740
2009	\$73,277,322	\$17,046,940	\$9,944,544	\$7,102,396	\$4,108,774
2010	\$57,275,270	\$11,656,344	\$6,843,560	\$4,812,784	\$1,334,728
2011	\$82,049,350	\$16,194,203	\$9,529,524	\$6,664,679	\$3,522,849
2012	\$91,139,435	\$17,122,421	\$10,155,927	\$6,966,494	\$19,334,728
2013	\$96,391,608	\$16,979,768	\$9,988,887	\$6,990,881	\$25,476,605
Total	\$461,688,74	\$92,296,457	\$54,182,206	\$3,114,251	\$66,056,937
<b>YUMA COUNTY</b>					
2008	\$177,135,619	\$23,763,177	\$13,742,737	\$10,020,440	\$16,897,567
2009	\$156,190,634	\$23,705,712	\$13,975,172	\$9,730,540	\$11,110,780
2010	\$147,688,604	\$18,163,375	\$10,675,921	\$7,487,454	\$4,998,427
2011	\$219,347,585	\$25,095,108	\$15,117,474	\$9,977,634	\$13,254,810
2012	\$215,927,256	\$21,716,955	\$12,935,081	\$8,781,874	\$16,330,687
2013	\$215,840,926	\$21,076,941	\$12,446,213	\$8,630,728	\$18,024,477
Total	\$1,132,130,624	\$133,521,268	\$78,952,598	\$54,628,670	\$80,616,748

Source: USDA Risk Management Agency



# APPENDIX E: ADOPTION RESOLUTIONS

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UNDER SEPARATE COVER

# APPENDIX F: DOCUMENTATION OF THE PLANNING PROCESS

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Agenda – Formal Public Involvement Meetings  
Agenda – June 10, 2014 Planning Meeting  
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Feedback/Public Comment Form  
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    May Monthly Progress Report  
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Sample Adoption Resolution  
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# APPENDIX F: DOCUMENTATION OF THE PLANNING PROCESS

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## 2014 Northeast Colorado Regional Hazard Mitigation Plan Update Formal Public Involvement Meeting

### Agenda

Welcome/Introductions

Brief Overview of Hazard Mitigation Planning Process

- Federal Requirements
- Participating Counties
- Mitigation Plan Goals

Plan Update Team

- Project Management Team
- Eligible Applicants/Stakeholders and Partners
- County Planning Subcommittees
- Regional Planning Structure

Local Government Participation Requirements

Public Involvement Strategy

Plan Update Process

- Regional Plan
- County Planning Elements

Plan Organization and Content

- Regional Plan
- County Planning Elements

County Planning Elements

- Review of Action Items

Public Review Comment Period and Procedures

Discussion/Questions & Answers

Adjourn

# APPENDIX F: DOCUMENTATION OF THE PLANNING PROCESS

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## Northeast Colorado Regional Hazard Mitigation Plan Update Progress Report

June 10, 2014

Hugo, Colorado

### Agenda

**June Work Plan** (Contractor) – Progress Report (*Handout*)

**2014 Participating Jurisdictions** – Discussion (*Handout*)

**Changes to 2009 Hazard Ratings** – Discussion (*Handout: Hazards Identification Worksheet*)

**Draft Public Involvement Plan** – Discussion (*Handout*)

### County Planning Elements (CPEs)

- Discussion
  - Formatting Issues
  - Due Date

### Mitigation Actions

- Discussion
  - CPE Mitigation Action Worksheet (*Handout*)
  - Prioritizing Mitigation Actions (*Handout*)

### Discussion

### Adjourn

# **APPENDIX F: DOCUMENTATION OF THE PLANNING PROCESS**

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## **Northeast Colorado Regional Hazard Mitigation Plan Update NCEM Planning Team Work Session**

**July 8, 2014**

**Yuma, Colorado**

### **Agenda**

**NCEM Planning Team Photo**

**Walk-Through Chapters 1-3**

**Validate 2014 Goals & Objectives**

**Accept/Revise/Delete**

**Status Report: Chapters 4 and 5**

**Final Draft Review Meetings**

**Timeframe/Locations**

**County Planning Elements – Information Swap**

**Due Date: August 1**

**Discussion**

**Adjourn**

# APPENDIX F: DOCUMENTATION OF THE PLANNING PROCESS

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## 2014 Northeast Colorado Regional Hazard Mitigation Plan Update Mid-Year Project Review

June 26, 10:00 AM – Phillips County, Sedgwick County, Yuma County  
June 26, 6:00 PM – Cheyenne County, Kit Carson County, Lincoln County  
June 27, 10:00 AM – Logan County, Morgan County, Washington County

### Agenda

Introductions

Overview of Hazard Mitigation Planning Process

- Federal Requirements
- Participating Counties
- Mitigation Plan Goals

Plan Update Team

- Project Management Team
- Eligible Applicants/Stakeholders and Partners
- County Planning Subcommittees
- Regional Planning Structure

Local Government Participation Requirements

Plan Update Process

- FEMA 10-Step Process
- Project Timelines/Key Meetings

Public Involvement Strategy

Plan Organization

Risk Assessment

County Planning Elements (CPEs)

Potential Mitigation Opportunities

- Standard Mitigation Actions
- Mitigation Action Examples
- Discussion: Potential Projects and Action Items

Discussion/Questions & Answers

Adjourn

# APPENDIX F: DOCUMENTATION OF THE PLANNING PROCESS

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## 2014 Northeast Colorado Hazard Mitigation Plan Update Public Involvement Comment Form

The counties of Cheyenne, Kit Carson, Lincoln, Logan, Morgan, Phillips, Sedgwick, Washington and Yuma are currently engaged in a collaborative planning process to become less vulnerable to disasters caused by natural hazards, and your participation is important to us!

These counties, along with participating local jurisdictions and other stakeholders and partners, are now preparing a five-year update of the *Northeast Colorado Hazard Mitigation Plan*. The purpose of this Plan is to identify and assess natural hazard risks and determine how to best minimize or manage those risks. Upon completion, the Plan will provide each participating county with a county-level strategy as well as an overarching regional mitigation strategy for the nine-county region.

This survey public comment form provides an opportunity for you to share your opinions and participate in the mitigation planning process. The information you provide will help us better understand your hazard concerns and can lead to mitigation activities that lessen the impact of future hazard events.

Please help us by completing this comment form and returning it to:

Bob Wold  
Project Coordinator/NCCEM Contractor  
2490 S. Jasmine Place  
Denver, CO 80222  
303-549-8866  
[Bobwold12@gmail.com](mailto:Bobwold12@gmail.com)

*If you have comments regarding this plan, please fill them in below. All comments will be reviewed and considered by your County Planning Subcommittee and the planning team from the Northeast Colorado Emergency Managers.*

Do you have specific comments, recommendations or corrections related to the 2014 draft of the *Northeast Colorado Hazard Mitigation Plan* (please note chapter and page number)?

# APPENDIX F: DOCUMENTATION OF THE PLANNING PROCESS

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In your opinion, what are some steps your local government could take to reduce or eliminate the risk of future hazard damages in your neighborhood or community?

Are there any other issues regarding the reduction of risk and loss associated with hazards or disasters in the community that you think are important?

## THANK YOU FOR YOUR PARTICIPATION!

This survey may be submitted anonymously, however if you provide us with your name and contact information below we will have the ability to follow up with you to learn more about your ideas or concerns (optional):

Name:

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Address:

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Phone:

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E-mail:

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# APPENDIX F: DOCUMENTATION OF THE PLANNING PROCESS

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Planning Team Partners,

A five-year update of the Northeast Colorado Regional Hazard Mitigation Plan is underway and we would like to request your participation in a progress review on June/July \_\_, 2014 from \_\_\_\_ to \_\_\_\_ at \_\_\_\_\_. The update is a collaborative effort between 9 Northeast Colorado counties and provides jurisdictions within these counties the opportunity to participate in the process and maintain eligibility for federal mitigation and recovery grant assistance for the next five years. The following counties are participating in the 2014 plan update:

- Cheyenne County
- Kit Carson County
- Lincoln County
- Logan County
- Morgan County
- Phillips County
- Sedgwick County
- Washington County
- Yuma County

By participating in the planning process, counties and their local government partners remain eligible to submit projects to be funded for FEMA Pre-Disaster Mitigation (PDM), Flood Mitigation Assistance (FMA) and Hazard Mitigation Grant Program (HMGP) grants. FEMA requires that jurisdictions participate in this planning process to be eligible for financial assistance under these programs, or conduct their own process to adopt their own plan.

The purpose of the regional mitigation plan and the 2014 review/update is to assist communities in reducing and mitigating future losses from natural and man-made hazard events. The updated plan will profile each hazard and outline historical hazard events while analyzing the potential impacts to people, property, infrastructure and critical facilities. Ultimately, the updated plan will identify a comprehensive range of mitigation alternatives, timeframes for completion, and a method for selecting and defending recommended mitigation actions using criteria that evaluates benefits versus costs.

An open public involvement process is essential to the development of an effective plan. The planning process will include an opportunity for the public to comment on the plan prior to its approval. Nine formal public meetings, one in each county, will be conducted later this summer to allow citizens to submit comments on draft updates to the plan.

If your jurisdiction, special district or agency would like to participate in the 2014 regional mitigation plan update process, please plan to attend the mid-project review as well as the final project review to be held in August 2014 (dates and locations to be announced). In addition, jurisdictions participating in the 2014 updates will be asked to update information about risks and capabilities, review draft plan updates, and help identify future hazard mitigation opportunities.

Thank you in advance for your support of this initiative. A draft agenda for the mid-year project review meeting is attached.

# APPENDIX F: DOCUMENTATION OF THE PLANNING PROCESS

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## PUBLIC MEETING SCHEDULED FOR REVIEW OF DRAFT NORTHEAST COLORADO REGIONAL HAZARD MITIGATION PLAN

Contact: \_\_\_\_\_, County Emergency Management Director, (Phone/Email)

A public meeting to review the Northeast Colorado Regional Hazard Mitigation Plan (Plan) is scheduled for \_\_\_\_\_, August/September \_\_ 6:00 – 8:00 p.m. at \_\_\_\_\_. The \_\_\_\_\_ County Office of Emergency Management is hosting the meeting to give citizens an opportunity to review 2014 revisions and make comments or suggestions. All comments received from the public will be documented and considered for inclusion in the Plan.

Updates to the Plan, originally prepared in 2004, are being developed through a partnership of member counties of the Northeast Colorado Emergency Managers (NCEM). The counties of Cheyenne, Kit Carson, Lincoln, Logan, Morgan, Phillips, Sedgwick, Washington and Yuma and their partners are participating in the 2014 update of this document.

The purpose of the Plan is to protect people and property in northeastern Colorado from the effects of natural and manmade hazards by identifying and implementing measures for reducing and eliminating losses from hazard events. This plan provides local officials with a tool to guide policies and actions that can be implemented over the long term to reduce risk and future losses from hazards. Formal approval of this plan by the Federal Emergency Management Agency (FEMA) also assures that participating jurisdictions will remain eligible for federal grant funding under FEMA's Hazard Mitigation Assistance grant programs.

# APPENDIX F: DOCUMENTATION OF THE PLANNING PROCESS

## Northeast Colorado Regional Hazard Mitigation Plan Update May Monthly Progress Report May 30, 2014

Key Activities	Status
Work closely with the local planning committee (NCEM LPC) on all phases of the project.	Briefed Planning Team at May 13 NCEM meeting
Ensure broad participation and document efforts to include partners and their participation.	Ongoing
Develop action plan for public involvement and comment during the plan development stage and prior to plan approval.	Draft completed and forwarded to Planning Team
Confirm minimum standards for participation in the plan for new/continuing jurisdictions and special districts.	Complete
Identify continuing and non-participating jurisdictions for 2014 plan update.	In Process
Develop 2014 plan participant table.	In Process
Confirm hourly and mileage rates to use for documenting non-federal match.	Hourly: \$25.10/hr. Mileage: \$.50/mile
Update Community Profile based on 2010 and later data.	In Process
Determine dates for late June mid-project review meetings.	Complete
Draft agenda for 3 mid-project review meetings.	Complete
Draft stakeholder invitation letter for mid-project review meetings.	Complete
Document review process, NCEM LPC role, and provide list of updates completed.	Ongoing
Incorporate new plans, studies, reports and technical information into the planning process.	In Process
Utilize existing GIS information for identified hazards, and correction/update of GIS information as necessary.	In Process
Update Chapters 1 (Introduction), 2 (Community Profile) and 3 Planning Process.	In Process
Percent of plan updates completed to date.	15%

### Strategy for NCEM Planning Team Review of Draft Plan Updates

#### Mid-Project Review

#### Meeting Dates and Locations

#### Yuma-Phillips-Sedgwick:

June 26, 2014, 10:00 – 12:00

Phillips County Events Center (Ortner Room)

22505 US Highway 385

#### Lincoln-Cheyenne-Kit Carson:

# APPENDIX F: DOCUMENTATION OF THE PLANNING PROCESS

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June 26, 2014, 6:00 – 8:00 pm

Cheyenne County Fairgrounds

425 S 7<sup>th</sup> West

Cheyenne Wells, CO 80810

Morgan-Logan-Washington:

June 27, 2014, 10:00 – 12:00

Morgan County Administration Building

231 Ensign Street

Fort Morgan, CO 80701

## Final Review

Three tri-county meetings will be conducted during the time period August 11-22 to review the final draft of plan updates. Each meeting will be approximately 2 hours in length and the tasks to be accomplished by the contractor and planning team are the same as the mid-project review.

Morgan-Washington-Logan Counties – to be scheduled

Lincoln-Cheyenne-Kit Carson – to be scheduled

Yuma-Phillips-Sedgwick – to be scheduled

The final review will focus on Chapters 5 and 6 and provide an opportunity to discuss final changes or issues related to the County Planning Elements and other sections of the base plan.

## June Meeting Schedule

June 10	NCEM Progress Report
June 20	Logan County Planning Meeting (ESF-8)
June 26 (10:00 am)	Mid-Project Review – Yuma, Phillips and Sedgwick Counties
June 26 (6:00 pm)	Mid-Project Review – Lincoln, Cheyenne, and Kit Carson Counties
June 27	Mid-Project Review – Washington, Logan and Morgan Counties

# APPENDIX F: DOCUMENTATION OF THE PLANNING PROCESS

**2013 Northeast Colorado Regional Hazard Mitigation Plan Update**  
**June Monthly Progress Report**  
**Contractor: Bob Wold**

Key Activities	Status
Prepare final agenda and presentation materials for 3 mid-project review meetings.	Complete
Develop strategy for capturing, collecting and maintaining documentation of local match.	Complete
Prepare news release for August-September public meetings.	Complete
Provide updated description and analysis of the natural hazards affecting the jurisdictions.	Complete
Update information on location/severity/probability of natural hazards (update information on previous occurrences).	Complete
Provide an update on any hazard events between the last plan and now, including the 2013 flood disaster.	In Process
Provide an overall summary of the NE Region's vulnerability to each hazard, including a priority ranking.	Complete
Describe in general each hazard's impact on buildings, infrastructure, critical facilities and the vulnerable population.	Complete
Based on available data, update information on vulnerability of existing and future buildings, infrastructure and critical facilities.	Complete
Based on available data, estimate potential dollar losses to vulnerable structures, describing the estimating methodology used.	Complete
Based on available data, describe vulnerability in terms of land use and development trends.	Post-CPE Deadline
Based on available data, analyze the economic impacts from potential hazards.	Post-CPE Deadline
Document each jurisdiction's existing authorities, policies, programs and resources related to hazard mitigation.	Post-CPE Deadline
Describe vulnerability in terms of types and numbers of NFIP repetitive loss properties located in the identified hazard areas.	COEM/ FEMA
Incorporate most recent FEMA Flood Insurance Rate Maps (FIRMs) and Flood Insurance Studies.	COEM/ FEMA
Provide information on each jurisdiction's participation in the NFIP (policies in force, total dollar amount for premiums, claims).	COEM/ FEMA
Complete updates Chapter 4 (Risk Assessment).	In Process
Complete updates Chapter 5 (Mitigation Strategy).	In Process
Prepare July Monthly Progress Report.	July 31
Percent of regional base plan updates completed to date.	45%

# APPENDIX F: DOCUMENTATION OF THE PLANNING PROCESS

<b>July 2014 Monthly Progress Report</b> <b>Project: NE Colorado Natural Hazards Mitigation Plan Update</b> <b>Contractor: Bob Wold</b>	<b>Complete</b>
<b>Update Risk Assessment</b>	
Incorporate description/technical information for dust storms into Hazard Profile section.	√
Provide an update on any hazard events between the last plan and now, including the 2013 flood disaster.	√
Based on available data, describe vulnerability in terms of land use and development trends.	√
Based on available data, analyze the economic impacts from potential hazards.	√
Document each jurisdiction's existing authorities, policies, programs and resources related to hazard mitigation.	√
Describe vulnerability in terms of types and numbers of NFIP repetitive loss properties located in the identified hazard areas.	√
Incorporate most recent FEMA Flood Insurance Rate Maps (FIRMs) and Flood Insurance Studies.	
Provide information on each jurisdiction's participation in the NFIP (policies in force, total dollar amount for premiums, claims).	√
Complete Updates to Chapter 4 (Risk Assessment).	√
<b>Update Mitigation Strategy</b>	
Analyze previous action items to identify which were completed, deleted or continued for each jurisdiction.	√
Identify/evaluate a comprehensive range of specific mitigation actions for each hazard, for each jurisdiction.	√
Prioritize action items based on benefit-cost analyses and evaluation criteria such as the STAPLEE method.	√
Update implementation strategy to include each action's priority (high, medium or low), lead party, funding sources, and timelines.	√
Complete updates to Chapter 5 (Mitigation Strategy).	
Percent of plan updates completed to date.	75%
<b>Ongoing Activities</b>	
Work closely with the local planning committee (NCEM Planning Team) on all phases of the project.	√
Ensure broad participation and document efforts to include partners and their participation.	√
Utilize existing GIS information for identified hazards, and correction/update of GIS information as necessary.	√
Prepare Monthly Progress Report	√

# APPENDIX F: DOCUMENTATION OF THE PLANNING PROCESS

<b>Contractor Work Plan – August 2014 and Beyond</b> <b>Project: 2013 NE Colorado Natural Hazards Mitigation Plan Update</b> <b>Contractor: Bob Wold</b>	<b>Status</b>
<b>Update Mitigation Strategy – August 2014</b>	
Update mitigation goals and objectives to reduce or avoid hazard vulnerabilities (identify changes).	Complete
Analyze previous action items to identify which were completed, deleted or continued for each jurisdiction.	Complete
Identify/evaluate a comprehensive range of specific mitigation actions for each hazard, for each jurisdiction.	Complete
Prioritize action items based on benefit-cost analyses and evaluation criteria such as the STAPLEE method.	Complete
Update implementation strategy to include each action's priority (high, medium or low), lead party, funding sources, and timelines.	Complete
Complete updates to Chapter 5 (Mitigation Strategy).	Complete
<b>Adopt, Implement and Maintain the Plan – August 2014</b>	
Describe the method and schedule for maintaining the plan, including progress on action items and responsible departments.	Complete
Describe the process to incorporate mitigation plan requirements into other local planning mechanisms for each jurisdiction.	Complete
Update/describe a strategy for continued public participation.	Complete
Complete updates to Chapter 6 (Plan Adoption, Implementation and Maintenance).	Complete
Submit a digital copy of the final draft plan and completed FEMA plan review cross-walk to State OEM.	Complete
<b>State-FEMA Review and Approval – September 2014 – March 2015</b>	
Conduct 9 public meetings (1 per county) to review final draft (late August/early September).	7 Complete
State OEM initial review, recommended changes and final review.	In Process
Assist Yuma County with completion of quarterly financial and performance reports and submittal to State OEM.	In Process
FEMA Review and Preapproval.	Pending
Complete changes required by FEMA to gain approval.	Pending
FEMA review for final approval.	Pending
<b>Punch List</b>	
<ol style="list-style-type: none"> <li>Chapter 1 final edits (Participating Jurisdictions table) v</li> <li>Chapter 2 final edits (complete demographic data tables) v</li> <li>Chapter 3 final edits (photo, supporting/coordinating agency lists) v</li> <li>Chapter 4 final edits (Table 4.27 HAZUS flood data still valid/current?) v</li> <li>Dates/agenda/presentation materials for public meetings v</li> <li>Meet with Yuma County Finance Director</li> <li>Complete FEMA Plan Review Crosswalk v</li> <li>Document Cover</li> <li>Table of Contents/List of Tables &amp; Figures v</li> <li>Review CPEs/ensure consistency with information in regional/base plan</li> </ol>	

# APPENDIX F: DOCUMENTATION OF THE PLANNING PROCESS

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## Sample Resolution Adopting the 2014 Northeast Colorado Hazard Mitigation Plan

(Name of County, City, Town, Special District or Eligible Nonprofit Organization)

State of Colorado

RESOLUTION NO. \_\_\_\_\_

### A RESOLUTION OF THE (Government or Nonprofit Organization) ADOPTING THE 2014 NORTHEAST COLORADO REGIONAL HAZARD MITIGATION PLAN

WHEREAS the (local governing body) recognizes the threat that natural hazards pose to people and property within (name of county); and

WHEREAS nine counties in northeastern Colorado have collaborated in the development of a multi-hazard mitigation plan, hereby known as the 2014 Northeast Colorado Regional Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

WHEREAS the 2014 Northeast Colorado Regional Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long- term risk to people and property in (name of county) from the impacts of future hazards and disasters; and

WHEREAS an adopted Multi-Hazard Mitigation Plan is required as a condition of future funding for mitigation projects under multiple FEMA pre- and post-disaster mitigation grant programs; and

WHEREAS the (name of county, city, town, special district or eligible nonprofit organization) resides within the nine-county planning area, and fully participated in the mitigation planning process to prepare this Multi-Hazard Mitigation Plan and its 2014 update; and

WHEREAS the Colorado Division of Homeland Security and Emergency Management and Federal Emergency Management Agency Region VIII officials have reviewed the 2014 update to the Northeast Colorado Regional Hazard Mitigation Plan and approved it contingent upon this official adoption of the participating governing body, and

WHEREAS adoption by the (local governing body) demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2014 Northeast Colorado Regional Hazard Mitigation Plan.

NOW THEREFORE, BE IT RESOLVED BY THE (COUNTY, CITY, SPECIAL DISTRICT OR ELIGIBLE NONPROFIT ORGANIZATION), STATE OF COLORADO, THAT:

Section 1. In accordance with (local rule for adopting resolutions), the (local governing body) adopts the 2014 Northeast Colorado Regional Hazard Mitigation Plan.



# APPENDIX G: SUMMARY OF CHANGES TO THE PREVIOUSLY APPROVED PLAN

During the 2014 plan update, the NCEM Planning Team updated each of the sections of the previously approved plan to include new and updated data, incorporate accounts of recent disaster events, and eliminate outdated and unnecessary information. The NCEM Planning Team and its contractor analyzed each section of the 2009 plan using current state and federal guidance, including FEMA's Local Mitigation Planning Handbook (March 2013), to ensure that the plan met federal requirements. A concerted effort was also made to ensure that 2014 revisions were consistent with information in the Colorado Natural Hazards Mitigation Plan (December 2013), including the definition and detailed description of each hazard profiled in Chapter 4, Risk Assessment. Information and data from the 2009 plan that remained valid and up-to-date at the time of the 2014 updates have been carried forward in the 2014 plan. The table below highlights the significant changes, additions, and deletions to the previous (2009) document that were approved by the NCEM Planning Team during the 2014 update process.

## Summary of Changes to the Previous Approved Plan

Chapter/Section	2014 Updates and Revisions
<b>1. Introduction</b>	
1.1 Purpose	Updated description of plan purpose and member counties for 2014 update (Weld County references removed as county developed a county-level plan in 2014).
1.2 Background and Scope	(1) Updated language regarding plan rationale, federal standards and program eligibility requirements; (2) retained language on \$4/\$1 benefit-cost ratio from 2005, which is still valid as of this update according to the National Institute of Building Sciences web page.
1.3 Plan Organization	No changes.
1.4 Multi-Jurisdictional Planning	Revised narrative on regional and county-level participation and updated Table 1.1 to identify new and continuing members in the 2014 plan.
<b>2. Community Profile</b>	
2.1 Geography and Climate	(1) Updated description of geographic/climatic characteristics to incorporate 2012 USDA agricultural census data; (2) deleted Figure 2.1, Regional Map, which is included in Chapter 3; (3) deleted references to Weld County.
2.2 Population	Updated Table 2.1, Table 2.2 and Table 2.3 to incorporate 2010 U.S. census data and estimated 2012 census figures.
<b>3. Planning Process</b>	
3.1 Background on Mitigation Planning in the Region	Revised narrative description of previous regional mitigation planning efforts and the project management structure employed for the 2014 updates.
3.2 The 10-Step Planning Process	Condensed description of the 10-Step/4-Phase and deleted reference to AMEC (2009 contractor).
3.2.1 2014 Update – Plan Section Review and Analysis	Updated description of planning approach and created new table that highlights significant revisions and updates in the 2014 plan (Table 3.1, Summary of Changes to the Previous Approved Plan).
3.2.2 Phase 1: Organize	(1) Revised background information on NCEM Planning Team structure and description

# APPENDIX G: SUMMARY OF CHANGES TO THE PREVIOUSLY APPROVED PLAN

Resources	of previous planning efforts; (2) deleted references to TMAC (2004 contractor); (3) inserted new photo of the 2014 NCEM Planning Team; (4) revised description of the "sub-regional" planning step; (5) validated participation requirements of eligible entities; (6) provided a detailed list and description of key planning meetings (Table 3.2); (7) modified Figure 3.3 to reflect the 2014 regional planning structure; (8) developed and incorporated the 2014 Public Involvement Plan (objectives, stakeholders, timelines, and key activities); (9) updated list of government, nonprofit and university partners; (10) created new table identifying industry/private-nonprofit partners that contributed to development of County Planning Elements (Table 3.3).
3.2.3 Phase 2: Assess Risks	Revised narrative description of risk assessment process followed by the NCEM Planning Team and County Planning Subcommittees (CPSs) for the 2014 updates.
3.2.4 Phase 3: Develop the Mitigation Plan	(1) Made minor changes to description of process for developing and tracking mitigation actions; (2) deleted references to previous contractors.
3.2.5 Phase 4: Implement Plan and Monitor Progress	Made minor changes to descriptions of adoption process and benefits of maintaining plans and sustaining mitigation efforts.
4. Risk Assessment	
4.1.1 Results and Methodology	(1) Revised language to highlight changes in severity ratings and hazards added and deleted from the regional hazards list; (2) updated Table 4.1, Northeast Colorado Regional Hazard Analysis Worksheet.
4.1.2 Disaster Declaration History	(1) Deleted Figure 4.1 and updated Table 4.2 to include federal- and state-declared disasters and emergencies between 2008 and 2014.
4.1.3 Hazards Not Included	Revised and condensed description of hazards not included and rationale for NCEM Planning Team assessment.
4.2.1 Profile Methodology	No changes.
4.2.2 Biological Hazards	(1) Validated citations and updated references; (2) developed summary of grasshopper infestations and their impacts between 2009 and 2014; (3) deleted Figure 4.2, Grasshopper Infestation Map based on 1998 survey data; (4) deleted Table 4.3, Human West Nile Virus Cases (due to predominance of cases in 2009 participant Weld County).
4.2.3 Blizzards and Severe Winter Storms	(1) Validated citations and updated references; (2) deleted Table 4.4, Snow/Ice Storms 1950-2008 and replaced it with Table 4.3 showing data from 1960-2013 on storm deaths, injuries and damages (based on 2013 Colorado Natural Hazards Mitigation Plan); (3) developed summary of significant winter storms in the planning region between 2009 and 2013; (4) replace photo of 1977 blizzard with photo of 1949 blizzard in Logan County.
4.2.4 Dam and Levee Failures	(1) Validated citations and updated references; (2) updated narrative and tables to remove references to dams/levees and incidents in Weld County.
4.2.5 Drought	(1) Validated citations and updated references; (2) updated Figure 4.4 to show wet/dry periods through 2012; (3) developed summary of drought impacts between 2009 and 2013.
4.2.6 Dust Storms	(1) Developed new hazard profile for dust storms, including description, impacts, hazard characteristics and overall significance; (2) added two dust storm photos.
4.2.7 Earthquakes	(1) Validated citations and updated references; (2) updated Table 4.10 (Fault Lines) to delete Weld County information and to incorporate historic damage estimates from the 2013 Colorado Natural Hazards Mitigation Plan (CNHMP).

# APPENDIX G: SUMMARY OF CHANGES TO THE PREVIOUSLY APPROVED PLAN

4.2.8 Flooding	(1) Validated citations and updated references; (2) developed summary of the 2013 flood disaster and impacts to counties in the planning region; (3) updated Table 4.11 (Flood Events 1996-2013); (4) updated Table 4.12 to reflect NFIP claims between 1978 and 2013; (5) added 3 photos of 2013 flood disaster and response.
4.2.9 Fog	Minor editing changes only.
4.2.10 (Old) Land Subsidence	Removed hazard profile for Land Subsidence due to predominance of hazard in Weld County.
4.2.10 Hailstorms	(1) Validated citations and updated references; (2) updated hailstone measurement table (Table 4.13) to conform to information in 2013 CNHMP; (3) updated Table 4.14 to include hail events/damages between 1950 and 2013.
4.2.11 Landslides	(1) Validated citations and updated references.
4.2.12 Lightning	(1) Validated citations and updated references; (2) updated Table 4.15 to show flashes, deaths, injuries and damages between 1950 and 2013; (3) developed Table 4.16 (average flashes per day by month) based on 2013 CNHMP information.
4.2.13 Noxious Weeds	(1) Validated citations and updated references; (2) updated Previous Occurrences to include January 2014 tumbleweed emergency in Cheyenne County.
4.2.14 Straight-Line Winds	(1) Validated citations and updated references; (2) deleted Figure 4.4 (Severe Wind Events 1950-1996); (3) updated Table 4.17 to incorporate wind event statistics from 2009 to 2013; (4) developed summary of straight-line wind events from 2009 to 2014; (5) added two photos of damages caused by severe wind events.
4.2.15 Temperature Extremes	(1) Validated citations and updated references; (2) updated Table 4.18, Extreme Temperature Events between 1996 and 2013; (3) updated Table 4.19, Temperature Extremes by County between 1961 and 2013.
4.2.16 Tornadoes	(1) Validated citations and updated references; (2) deleted table with Traditional Fujita Scale and updated table with Enhanced Fujita Scale as per 2013 CNHMP; (3) deleted map of tornado paths (1950-1996); (4) updated Table 4.21, tornado statistics between 1950 and 2013; (5) updated Table 4.22, Tornadoes of EF3 Intensity; (6) added two photos of damages caused by tornadoes.
4.2.17 Wildfires	(1) Validated citations and updated references; (2) deleted Table 4.26, Wildfire Risk Areas; (3) deleted Table 4.27, Interface Communities (1990); (4) deleted Table 4.28, Wildfire Events by County; (5) added two photos of 2012 Heartstrong Fire; (6) added two photos of 2012 Last Chance Fire.
4.3.1 Vulnerability Assessment	Revised and condensed narrative description of vulnerability assessment methodology and hazard significance ratings.
4.3.2 Assets at Risk	(1) Validated citations and updated references; (2) updated Table 4.23, Table 4.24 and Table 4.25 to remove data related to Weld County; (3) added two agriculture-themed photos (one historic/one contemporary).
4.3.3 Growth and Development Trends	Updated language to include growth and development trends between 2009 and 2013.
4.3.4 Estimating Potential Losses by Hazard	(1) Validated citations and updated references; (2) revised description of importance of agriculture to the region's economy; (3) updated Table 4.26 showing federal crop insurance data between 1980 and 2013; (4) developed new section on vulnerability of existing/future development to dust storms.
4.4 Capability Assessment	Developed new regional summary and discussion of capabilities across the region, including regulatory measures, plans, certification programs, personnel and structural mitigation projects.

# APPENDIX G: SUMMARY OF CHANGES TO THE PREVIOUSLY APPROVED PLAN

5. Mitigation Strategy	
5.1 Plan Goals	Revised narrative description of process for developing and updating plan goals and objectives.
5.1.1 2014 Regional Goals and Objectives	(1) Updated goals and objectives based on work session conducted to revisit, revalidate and add goals/objectives; (2) developed new section detailing changes to goals and objectives in the 2014 update.
5.2 Identification and Analysis of Mitigation Actions	Revised and condensed description of process for evaluating potential mitigation actions.
5.3 Mitigation Action Plan	Revised and condensed information in the introductory paragraph.
5.3.1 Prioritization Process	Revised language on use of STAPLEE method to support selection of cost-effective mitigation actions.
5.3.2 Progress on Implementation	(1) Developed new section describing progress on implementation of previously-identified mitigation actions; (2) developed Table 5.1, Status of 2009 Action Items by County.
5.3.3 Action Items Summary	Developed Table 5.2, 2014 Action Items by County.
5.3.4 Mitigation Funding Sources	Developed new section on state and federal mitigation funding sources, based on information in the 2013 CNHMP.
6. Plan Adoption, Implementation and Maintenance	
6.1 Formal Plan Adoption	Revised overview of formal adoption process.
6.2 Implementation	Revised and condensed description of strategy for implementing/maintaining the plan.
6.2.1 Existing Planning Mechanisms	Revised and condensed description of existing planning mechanisms and the importance of coordinating with other planning organizations.
6.2.2 Role of NCEM	Updated description on the role of the NCEM Planning Team.
6.3.1 Maintenance and Monitoring Schedule	Made minor narrative/editing changes.
6.3.2 Continued Public Involvement	Made minor narrative/editing changes.
7. Introduction to County Planning Elements	
7.1.1 CPS/General Description	Minor narrative/editing changes to description of outline and content of CPEs.
7.1.2 County Profile	Minor narrative/editing changes to description of outline and content of CPEs.
7.1.3 Hazard Identification/Summary	Minor narrative/editing changes to description of outline and content of CPEs.
7.1.4 County History and Recorded Losses	Minor narrative/editing changes to description of outline and content of CPEs.
7.1.5 County	Minor narrative/editing changes to description of outline and content of CPEs.

# APPENDIX G: SUMMARY OF CHANGES TO THE PREVIOUSLY APPROVED PLAN

Vulnerability Assessment	
7.1.6 County Capability Assessment	Minor narrative/editing changes to description of outline and content of CPEs.
7.1.7 County Recommendations	Minor narrative/editing changes to description of outline and content of CPEs.
Appendices	
B. Plan Participants	Updated/revised plan participant list (NCEM Planning Team/CPSs).
C. Hazard Events 2009-2013	Developed new appendix detailing hazard events by county between 2009 and 2013, including date, event type, location and impacts.
D. Crop Insurance Statistics	Developed new appendix showing federal crop insurance statistics by county between 2008 and 2013, including data on premiums, subsidies and claims paid.