

## State and Federal Flood Assistance



The Natural Resource Conservation Service operates an Emergency Watershed Protection Program that can provide money and technical assistance during and after floods or other natural disasters to landowners. Conservation measures, repair, and measures that control erosion and runoff and prevent flooding and soil erosion are eligible. Please contact John Andrews (720) 544-2834.



The Colorado Division of Water Resources and the U.S. Geological Survey operate a network of streamflow gaging stations throughout Colorado. The gage information is available on-line at <http://water.state.co.us/> and <http://co.water.usgs.gov> and is valuable for obtaining real-time streamflow measurements along with historical data that can be utilized for flood fight operations or other statistical computations. Additionally, the USGS provides valuable mapping products as well as scientific and engineering support such as hydrology and post-wildfire hazard assessment.



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**Federal Emergency Management Agency** The FEMA Region 8 office is in Lakewood Colorado. FEMA administers the National Flood Insurance Program and offers mitigation and disaster assistance programs. FEMA disaster assistance is typically offered after a federally declared disaster, but FEMA can also operate in emergencies at the request of the Governor. The Emergency Response Branch at FEMA has a 24-hour number that is (303) 235- 4779.



### U.S. Army Corps of Engineers

The USACE can assist with flood fighting and recovery efforts. The Corps can construct emergency protection projects to protect public facilities.

**Janelle Mavis—Omaha District** (Lead for all of Colorado, start here) Work: (402) 221-4148 24 hour number

**Paul Flamm—Kansas City District** (for North Eastern Colorado) (816)983-3282 and (816)426-6320 (after hours)

**Matt Bourgeois—Albuquerque District** (for SE and South Central Colorado) Work: (505) 342-3267

**Meegan G. Nagy—Sacramento District** (for all western Colorado) Work: 916-557-7257 & EOC Phone: (916) 557-6911

**Marty Timmerwilke—Colorado Service Office** (303) 831-6052



## Colorado Division Of Emergency Management

CDEM is a partner in flood emergency coordination and has regional staff that help local governments achieve their emergency management goals by providing technical assistance with respect to strategic planning, emergency plan development, community preparedness, disaster recovery, hazard mitigation, and training and exercise support. The CDEM contact information is **Colorado Division of Emergency Management, 9195 E. Mineral Avenue, Suite 200, Centennial, CO 80112, phone 720-852-6600, fax 720-852-6750**

**Division of Emergency Management Field Offices:** **Division of Local Government, Field Services Offices**

### Centennial

Bob Wold  
(720) 852-6600  
Bob.Wold@state.co.us

### Durango

Patricia Gavelda, Field Staff  
(970) 247-7674  
Patricia.Gavelda@state.co.us

### Frisco

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Joel.Cochran@state.co.us

### Golden

Laura Nay, Field Staff  
(303) 273-1734  
Laura.Nay@state.co.us

### Grand Junction

Steve Denney, Field Staff  
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Steve.Denney@state.co.us

### Loveland

Kevin Kuretich, Field Staff  
(970) 679-4503  
Kevin.Kuretich@state.co.us

### Pueblo

Chad Ray, Field Staff  
(719) 544-6563  
Chad.Ray@state.co.us

### Central Regional Manager

Clay Brown  
15075 S. Golden Road  
Golden, CO 80401  
303-273-1787

FAX 303-273-1795

clay.brown@state.co.us

### North eastern Regional Manager

Kent Gumina  
119 Poplar St.  
Sterling, CO 80751  
970-522-2672

FAX 970-522-4225

kent.gumina@state.co.us

### North central Regional Manager

Don Sandoval  
150 E. 29th St., Ste. 215  
Loveland, CO 80538  
970-679-4501

FAX 970-669-7717

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### Northern Mountain Regional Manager

Cathy Shipley  
602 Galena St.  
P.O. Box 5507  
Frisco, CO 80443-5507  
(use 4 #)

970-668-6160

FAX 970-668-3216

cathy.shipley@state.co.us

### Northwestern Regional Manager

Jack Kirkland  
222 S. 6th St., Rm. 409  
Grand Junction, CO 81501  
970-248-7333

FAX 970-248-7317

tim.sarmo@state.co.us

### South western Regional Manager

Ken Charles  
Fort Lewis College  
1000 Rim Dr.  
Durango, CO 81302

970-247-7311

FAX 970-247-7032

charles\_k@fortlewis.edu

### South central Regional Manager

Debra Downs  
P.O. Box 127  
Monte Vista, CO 81144  
719-852-9429

FAX 719-852-9433

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### South eastern Regional Manager

Lee Merkel  
132 West "B" Street,  
Suite 260  
Pueblo, CO 81003

719-544-6577

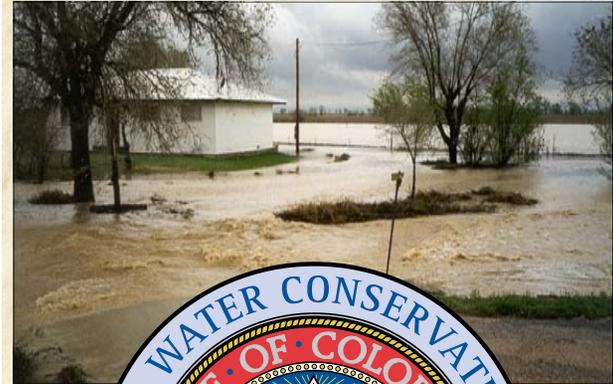
FAX 719-545-1876

lee.merkel@state.co.us



## Urban Drainage & Flood Control District

The District provides daily forecasts of flood potential for the Denver Metro Area notifying local officials through their alert system. The District has a network of rain & stream gages & weather stations to detect potential flood producing storms. This information is on the web at [www.udfcd.org](http://www.udfcd.org) and their phone number is 303-455-6277.



**Colorado Water Conservation Board  
Flood Protection Program  
1313 Sherman Street # 721  
Denver, CO 80203  
Phone: (303) 866-3441  
Fax: (303) 866-4474  
Web: [cwcb.state.co.us](http://cwcb.state.co.us)**



**Rod Kuharich, Director CWCB  
Tom Browning, Chief, Flood Protection  
Kevin Houck, Engineer, Flood Protection Program  
Dawn Gladwell, Engineer, Flood Protection Program  
Joe Busto, Engineering Tech., Flood Protection**

***“The CWCB—Flood Protection Program assists in the prevention of and recovery from flood disasters”.***

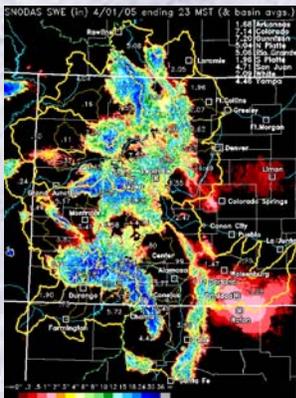
This brochure is designed to be a quick reference for local government officials and others to access the CWCB flood related technical assistance and programs and provides federal contacts as well.

***FLOOD RESPONSE PROGRAM***

To more quickly respond to flood events the CWCB manages a statewide Flood Response Program and provides the following five services:

***(1) Flooding potential outlook and forecasting***

The CWCB chairs the Colorado Flood Task Force which monitors and reports on flood conditions. The CWCB contracts with a consultant for precipitation forecasting of flood threat potential. The forecasts and meeting minutes are available April through August on the CWCB website. Above, the SNODAS project between the US Bureau of Reclamation and the CWCB provides daily high resolution snowpack data to assist in determining snowmelt flood threat found at



In addition, the CWCB is expanding its services and is developing a web-based daily statewide flood threat outlooks up to 15 days.

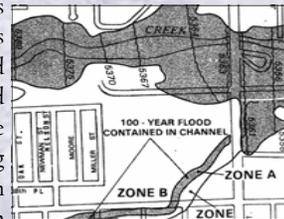
***(2) Aerial reconnaissance photography***

The CWCB retains a contractor to take aerial photographs of flood events. Photographs are available within two days of a major flood event. In a severe flood event, the aerial photographs can assist communities with floodplain management and planning activities. Contact Tom Browning, Section Chief of the CWCB Flood Protection Program, for assistance.



***(3) Floodplain mapping***

The CWCB contracts with a consultant to do floodplain mapping reviews and updates. In some cases the communities' floodplain maps change due to the flood event and require a new study and designation. In addition, the CWCB operates as Cooperating Technical Partner with FEMA in the Map Modernization Program that modernizes floodplain maps in a GIS format. For assistance contact Dawn Gladwell at (303) 866 3921



***(4) Flood recovery and mitigation planning***

The state assists local communities to prepare pre- and post-disaster flood mitigation plans. These planning studies can help secure mitigation funding for early warning systems, flood proofing, channel conveyance projects and other structural and non-structural improvements.



***(5) Flood documentation***

The CWCB documents major flood events every year. The CWCB contracts with consultants to collect storm event data, newspaper articles, estimated damages, and create storm pattern maps. An annual report of documented storms is available by request from the CWCB Flood Protection Program.



**CWCB Flood Protection Program Staff**

	Emergency telephone numbers for assistance in accessing the CWCB's Flood Response Program are:	<b>Kevin Houck</b> Work: (303) 866-4803 Cell: (303) 809-5324
	<b>Tom Browning, Section Chief</b> Work: (303) 866-4804 Cell: (720) 289-1264	<b>Joe Busto</b> Work: (303) 866-4807 Cell: (303) 587-5585
		<b>Dawn Gladwell</b> Work: (303) 833 3921 Cell: (303) 775 9136

***CWCB Flood Protection Program responsibilities:***

**Floodplain Designation** – Review and Approve new maps and updates and revisions to current maps to designate floodplains, using Geographical Information Systems (GIS), Global Positioning Systems (GPS), digital floodplain mapping, LIDAR, two-dimensional modeling and practical “state-of-the-art” techniques.

**Floodplain Identification** – Produce and review floodplain studies to identify floodplains and clarify flood-related issues for CWCB and other state, federal, and local entities.

**Prepare for and Respond to Flood Events** – Prepare for and respond to flood events including field and technical activities (e.g., documentation of the flood, providing technical guidance and support) in response to significant floods in Colorado. Staff the CWCB mitigation officer position during declared disasters.

**Recover from and Mitigate Flood Hazards** – Provide technical services to support recovery from and mitigation to flood and flood hazards. Includes providing post-flood technical guidance for immediate and future decision making under emergency conditions (including providing engineering, GPS, survey, and technical support) to aid the State and its citizens and helping implement “state-of-the-art” techniques that are feasible and practical.

**Partnership with Federal, State, and Local Entities** – Participate in partnering with federal, state, and local entities for the management, marketing, and administration of flood and flood related programs. Identify and make recommendations regarding “Homeland Security” needs that correspond to other hazard reduction duties and existing relationships with the FEMA and the state Division of Emergency Management.

**Multi-objective Planning and Projects** – Participate with partners to plan and undertake multi-objective projects designed to reduce flood hazards, stabilize and restore stream channels, provide habitat, reduce erosion, and increase the capacity to utilize water. Administer the Watershed Protection Fund and the projects approved by the Board and the Colorado Water Quality Control Division.

**Statewide Outreach and Education** – Each Section shall perform outreach and education including participating in public awareness and program advocacy activities to increase public and organizational understanding of CWCB and develop opportunities for each Section to achieve their goals.

**Water Information** – Make information accessible to CWCB's customers and the public including maintaining and updating the floodplain Information Support System and CWCB flood web site, as well as general information related to the Section, through publications, the Internet, databases, and the imaging of documents.

**Weather Modification** – Permit and monitor weather modification operations to increase the amount of water available from winter and summer weather systems and to suppress hail.