

Larimer Flood 2013

INCIDENT ACTION PLAN



DAY OPERATIONAL PERIOD

Wednesday, September 18, 2013

0700 – 2000 HRS

CO-LRX-000773

F21302

Rocky Mountain IMT2 Team A



GIS Maps

More detailed maps by each division can be downloaded at this site. The maps are geo-referenced PDF's that are compatible with I-Phones, I-pads, and Android devices.

Avenza PDF is a free app that can be used on these devices to navigate and collect data in the field.

Incident Objectives	1. Incident Name LARIMER FLOOD 2013	2. Date Prepared 09/17/13	3. Time Prepared 1700
4. Operational Period 09/18/13 Wednesday Day Shift 0700 - 2000			
5. General Objectives for the incident (include alternatives) 1. Provide for responder and public safety. 2. Rescue or support of affected citizens. 3. Provide for welfare of rescued individuals. 4. Stabilization of the affected area. 5. Coordinate & support recovery of infrastructure. 6. Safety considerations. a) Long duration incident is probable. Monitor incident personnel for signs of fatigue. b) Manage driving exposure carefully. c) Provide detailed emergency medical and evacuation plans for all operations. d) All actions and potential consequences will be analyzed against risk to human life and other values. 7. Develop strategies and tactics to protect infrastructure and private and public structures in coordination with respective city / county / fire district. 8. Work with the County Sheriff or his designee on evacuations needs if needed. 9. Work with the County Sheriff or his designee to develop closures to eliminate public exposure to incident area.			
6. Weather Forecast for Period A storm system passing through the Northern Rockies will bring increasing West winds to the region today, followed by a dry cold front overnight tonight. Wind gusts up to 40 mph will be possible this morning...especially at elevations above 8000 feet. The weak cold front is expected to pass between 2100 and 2400 tonight with winds shifting around to the North. Dry and cooler conditions expected Thursday...followed by a slow warming trend into the weekend. The next chance of rain will arrive on Sunday as another fast moving Pacific system moves through.			
7. General Safety Message Major Hazards and Risks: Unexpected Events- Plan accordingly for every mission. Cross-Contamination/Decon- Risk of infectious disease and hazardous material. Aviation Operations- Heavy use of aviation for transport and supply missions. Multiple missions possible in same area. Communication- Spotty communication across flood area. Resources using 800 MHz and VHF radios. Confusion over use of each. Driving Hazards- Travel to and from ICP. Single lane roads with blind corners, steep soft shoulders, and unstable roads, undermined by flood water. ATV/UTV use, risk of injury due improper use and lack of adequate PPE.			
8. Attachments (mark if attached)			
☒ Organization List - ICS 203 ☐ Incident Map ☒ Unit Log - ICS214 ☒ Div. Assignment Lists - ICS 204 ☒ Safety Message ☒ US&R Comm Plan - ICS205 ☒ Communications Plan - ICS205 ☐ Traffic Plan ☐ ☒ Medical Plan - ICS 206 ☒ Human Remains Protocol ☐ ☒ Air Operations Summary - ICS 220 ☒ Weather Forecast ☐			
9. Prepared by (Planning Section Chief) Flint Cheney - PSC2		10. Approved by (Incident Commander) 	

ORGANIZATIONAL ASSIGNMENT LIST			
1. Incident Name		9. Operations Section	
LARIMER FLOOD 2013		Planning	Ron Klatt; <i>Mike Whalen</i>
2. Date Prepared	3. Time Prepared	Deputy	Dave Hamrick
9/17/2013	2100	Field	Ross Wilmore; Kyle Cowan
4. Operational Period		a. Branch I - (South)	
9/18/2013 Tuesday Day Shift 0700 - 2000		Branch Director	Ross Wilmore
Position	Name	Branch Director FEMA USAR	<i>Chris Sorrentino</i>
5. Incident Commander and Staff		Division A	Paul Minow
Incident Commander	Shane Del Grosso; <i>Julio Mestas</i>	Division B	Justin Whitesell
Deputy	Chuck Russell	Division C	Ron Simpson; Luke Odom (t)
Safety Officer	Toni Toelle; Colt Mortenson (t); <i>Dave Campbell</i>	Structure/ Group	
Information Officer	Bill Kight; Mary Ann Chambers; Sarah Gallup; <i>Dan Kochensparger</i>	Structure/Group	
Liason Officer	<i>John Bentley</i>	Structure/Group	
6. Agency Representative		b. Branch II - (North)	
Larimer County Sheriff	Justin Smith; Bill Nelson	Branch Director	Kyle Cowan
Colorado EOC	Riley Frazee	Branch Director FEMA US&R	<i>Harry Muns</i>
Arapaho/Roosevelt NF	Kevin Atchley; Glenn Casamassa	Division D	Sid Hall
CO National Guard	Major Jim Collins	Division E	David Ruhl; Tim Haas (t)
FEMA USAR	<i>Julio Mestas</i>	Division F	Unstaffed
Poudre Fire Authority	Tom DeMint	Structure/Group	
Larimer County Road & Br	Dale Miller	Structure/Group	
Loveland Fire	Greg Ward	c. Branch I and II Groups	
Colorado State Patrol	Rob Marone	Branch Director	Ross Wilmore; Kyle Cowan
FEMA ESF9	<i>Ted Young</i>	Branch Director FEMA US&R	<i>Chris Sorrentino; Harry Muns</i>
7. Planning Section		Group Search & Rescue	Tony Simons
Chief	Flint Cheney; <i>Alim Shariff</i>	Group Law Enforcement	John Manago
Deputy	<i>Ed Bushman</i>	Structure/Group	
Resources Unit	Rich Sterry	Structure/Group	
Status Check In	Nancy Bayne	d. Air Operations Branch	
Situation Unit	Steve Hannan; <i>Kevin Fetterman</i>	Air Operations Branch Director	Hugh Carson
GIS Specialist	Glenda Torres; Amanda Moore (t) Skip Edel	Deputy	Jack Benzillo
Documentation Unit	Vince Galterio	Helibase Manager	Rick Sorenson
Demobilization Unit	Cathy Junglen	Air Tactical Group Supervisor	Albert Lynch; Kent Hamilton; Mike Vanderpas
Computer Specialist	Kent Leinbach	Air Support Group Supervisor	Don Clark; Alex Stone
Structure Specialist	<i>Dave Weber</i>	Helicopter Coordination	Don Clark; Alex Stone
National Geospatial	<i>Aaron Davis</i>		
POA Mob	<i>Sean Brown</i>		
Incident Meteorologist	Jeff Colton	10. Finance Section	
8. Logistics Section		Chief	Paulicia Larsen
Chief	Loren Wickstrom; <i>Craig White</i>	Deputy	
Deputy		Time Unit	Carolyn Long
Supply Unit	Jennifer Van Kekerix	Personnel Time Recorder	Gillian Fay
Facilities Unit	Gabriela Riddick; <i>Joel Kanasky</i>	Equipment Time Recoder	Kymm Gresset
Ground Support Unit	Rich Barrett; Ray Kingston	Cost Unit	Denise Tomlin
Communications Unit	Jeff Geiger; <i>Rich Atwood</i>		
Medical Unit	Stephen Stone; <i>Dr. Ed Minek</i>	Prepared by (Resources Unit Leader) 	
Ordering Manager	Tamera Parker		
Food Unit	Emily Spencer		

Names in regular font are Rocky Mountain IMT members.

Names in italics are FEMA IST members



INCIDENT WEATHER FORECAST



FORECAST NO: 3
PREDICTION FOR: Wednesday 0600-2000 MDT
SHIFT DATE: September 18, 2013

NAME OF INCIDENT: Larimer Flood 2013
UNIT: Larimer County

TIME AND DATE: 2000 MDT Tuesday
FORECAST ISSUED: September 17, 2013

SIGNED:
Jeffrey D. Colton
Incident Meteorologist

WEATHER DISCUSSION: ...GUSTY WEST WINDS TODAY...WEAK COLD FRONT PASSES TONIGHT...

A storm system passing through the Northern Rockies will bring increasing west winds to the region today, followed by a dry cold front overnight tonight. Wind gusts up to 40 mph will be possible this morning...especially at elevations above 8000 feet. The weak cold front is expected to pass between 2100 and 2400 tonight with winds shifting around to the north. Dry and cooler conditions expected Thursday...followed by a slow warming trend into the weekend. The next chance of rain will arrive on Sunday as another fast moving Pacific system moves through.

WEATHER FORECAST:

SKY/WEATHER: Partly Cloudy and Breezy. Isolated showers and thunderstorms.

MAX TEMPERATURES: 72 to 79.

24 HR TREND: No change.

MIN HUMIDITY: 25 to 35%.

24 HR TREND: No Change.

20-FOOT WINDS:

UPPER SLOPES/RIDGETOPS – West winds 15-25 mph with gusts up to 40 mph...decreasing to 9 to 15 mph with gusts to 30 mph after 1200.

LOWER SLOPES/VALLEYS – West 8-14 mph with occasional gusts to 30 mph.

CWR: 10 percent.

TOTAL PRECIPITATION: 0.00 to 0.10 inches.

LAL: 2.

STABILITY/INVERSION: Unstable...no inversion.

10K FT FREE WINDS: Southwest 35 mph.

TONIGHT:

SKY/WEATHER: Partly Cloudy with isolated showers and thunderstorms until 2100...then clearing.

MIN TEMPERATURES: 42 to 48.

24 HR TREND: 2 to 4 degrees cooler.

MAX HUMIDITY: 75 to 85%.

24 HR TREND: Little Change.

20-FOOT WINDS:

UPPER SLOPES/RIDGETOPS – Becoming Northwest 6-12 mph with gusts to 25 mph by 2100.

LOWER SLOPES/VALLEYS – Becoming North 4-8 mph with gusts up to 20 mph between 2100 and 2400. Diminishing and becoming upslope/upvalley 2-6 mph by 0200.

CWR: 10 percent.

TOTAL PRECIPITATION: 0.00 to 0.10 inches.

LAL: 2 until 2100...then 1.

STABILITY/INVERSION: Strong inversion setting up near 7000 ft by 0200.

10K FT FREE WINDS: West 35 mph.

OUTLOOK for THURSDAY: Mostly Sunny and cooler. High temperatures from 65 to 75. Light terrain driven winds.

[illegible]

[illegible]

ICS 204 Final Page of ICS 204 Forms

Division Assignment List			1. Branch I - South and II - North		2. Division/Group Search and Rescue	
3. Incident Name LARIMER FLOOD 2013			4. Operational Period 09/18/13 Wednesday Day Shift 0700 - 2000			
5. Operations Personnel						
Field Operations Chief				Group Supervisor		TONY SIMONS
Plan Operations Chief		RON KLATT; DAVE HAMRICK - DEPUTY		Air Attack Supervisor		ALBERT LYNCH
Branch Director		ROSS WILMORE; KYLE COWAN		Safety Officer		
6. Resources Assigned this Period						
Strike Team/Task Force/ Resource Designator		Leader		Num of Pers.	Trans. Y/N	Pick Up PT./Time
ROOSEVELT IHC		LARRY MONEY II		17	N	ICP / 0700
NEVADA TEAM 1 (Pinewood - Div A)		JOHN STEINBECK		9	N	PINEWOOD / 0700
MISSOURI TEAM 2 (The Retreat - Div C)		LEE TURNER		9	N	ICP / 0700
NEVADA TEAM 3 (Stringtown - Div E)		AARON DOWNING		9	N	ICP / 0700
MISSOURI TEAM 4 (The Retreat - Div C)		DAVE KAPLIN		9	N	ICP / 0700
MISSOURI TEAM 5 (Storm Mtn - Div C)		STEVE WINTERS		9	N	STORM MTN / 0700
MISSOURI TEAM 6 (Storm Mtn - Div C)		STEVE RINEHARDT		9	N	STORM MTN / 0700
NEVADA TEAM 7 (Waltonia - Div C)		JOHN REDD		9	N	ICP / 0700
NEVADA TEAM 8 (Fish Creek - Div E)		CHRIS BURR		9	N	ICP / 0700
MISSOURI TEAM 9 (Estes Park - Div B)		MATT SCHOFIELD		6	N	ESTES PARK / 0700
NEVADA TEAM 10 (Estes Park - Div B)		FRANK TAYLOR		6	N	ESTES PARK / 0700
MISSOURI TEAM 11 (Crystal Mtn - Div D)		TIM DORSEY		6	N	CRYSTAL MTN / 0700
NEVADA TEAM 12 (Middle Buckhorn - Div D)		FLYNN		6	N	MID BUCKHRN / 0700
MISSOURI TEAM 13 (Crystal Mtn - Div D)		KEVIN WISSMAN		6	N	CRYSTAL MTN / 0700
NEVADA TEAM 14 (Upper Buckhorn - Div D)		BAKO		6	N	ICP / 0700
MISSOURI TEAM 15 (RIT)		KURT DOOLADY		6	N	ICP / 0700
NEVADA TEAM 16 (RIT)		FLOOD		6	N	ICP / 0700
US&R TEAMS CONTINUE ON PAGE 2						
7. Control Operations Facilitate evacuations and evaluating residences.						
Team Assignments: See above. Rapid Intervention Teams (RITs) and Staging Team(s) stage at Helibase.						
8. Special Instructions						
1. Be prepared to spike for up to 48 hours with food, water, and fuel when inserted by helicopter. 2. Document status of individual residences. 3. Identify secondary roads and conditions for possible future use.						
9. Division/Group Communications Summary						
Function	Frequency - RX	Frequency - TX	Tone	System	Channel	Channel
Command						
Tactical Group				SEE	COMM	PLAN
Logistics						
Air to Ground						
Prepared by (Resource Unit Leader) Rich Sterry - RESL		Approved by (Planning Section Chief) 			Date Prepared 09/17/13	Time Prepared 1700

ICS 204 **Final** Page 2 of 2 ICS 204 Forms

AIR OPERATIONS SUMMARY													
1. INCIDENT NAME: Larimer Support		Prepared By: Jack Benzilio		Prepared Date/Time: 9/17/2013		Sunrise 0641		Sunset 0709					
2. OPERATIONAL PERIOD DATE: 9/18/2013		Start Time 0700		End Time 2000									
3. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment,, etc.): Winds, Weights, and Wires; Limited visibility; Confined LZs; SQUAWK 1255 Approved non-participating aircraft performing aerial surveys, news gathering, etc. Prior to entry, all must be approved by AOBD or Helibase in coordination with ATGS IC REQUIREMENT: US&R Standby QRF will manifest all civilian personnel and pets offloading from helicopters (name, address, phone #)													
4. MEDEVAC A/C: Non-Ambulatory: 215KA (Bell 205) or Hawk 60 (Hoist) Ambulatory: Type 3 Med Unit at Christman Field 970-391-4962				5. TFR Altitude MSL: 11,000' MSL Rectangle: For map go to FAA or DOD NOTAM site at http://tfr.faa.gov/tfr2/list.html									
6. PERSONNEL		7. FREQUENCIES		8. FIXED-WING									
	Phone	AM	FM	Airtankers	NA								
AOBD	Hugh Carson	970-778-7078	135.6500										
AOBD (D)	Jack Benzilio	970-799-1232											
ATGS	Albert Lynch	208-830-1101		169.2000									
ATGS	Kent Hamilton	303-882-3740		167.9500	NA								
ATGS	Mike Vanderpas	208-553-3577											
ASGS	Don Clark	928-245-2539		163.1000									
ASGS	Alex Stone	520-437-2600	119.6250										
HEB1	Rick Sorenson	208-634-9420	135.6500										
HEB2 (ICP)	Bear Juan	928-812-2471											
Mission Requests		720-219-4469			Designator: "Larimer Air Attack"								
Christman Helibase		720-219-4469			93ME (Albert Lynch)								
5187' 40° 35.623 x105° 08.653					64GT (Bravo 2-8) (Kent Hamilton)								
Air Attack Base - Jeffco		720-887-4846			2WS (Mike Vanderpas)								
Local Dispatch - Fort Collins		970-295-6384											
Maj John Collins (NG LNO)		303-928-9213											
9. HELICOPTERS (Use Additional Sheets As Necessary)													
FAA #	TYPE	MAKE/MODEL	BASE	BRIEF	AVAIL	REMARKS	FAA #	TYPE	MAKE/MODEL	BASE	BRIEF	AVAIL	REMARKS
31BH	3	ASB3	Christman	0800	0845		Hook 22	1	CH-47	Buckley		0900	
215KA	2	Bell 205A++	Christman	0800	0845		Hook 23	1	CH-47	Buckley		0900	
Lakota 73	3	Lakota	Christman	0615	0800		Hook 21	1	CH-47	Buckley		0900	
Hawk 78	1	UH-60	Buckley	0615	0800	Wyoming	Note: 1 Hook Staggered to arrive 2 hours later (1100) and leave later						
Hawk 98	1	UH-60	Buckley	0615	0800	Wyoming	Hawk 60	1	UH-60	Buckley		0900	Hoist
Hawk 18	1	UH-60	Buckley	0615	0800	Wyoming	Hawk 57	1	UH-60	Buckley		0900	
Hawk 51	1	UH-60	Buckley	0615	0800	Wyoming	Hawk 47	1	UH-60	Buckley		0900	
Hawk 31	1	UH-60	Buckley	0615	0800	Wyoming							
26HX	3	ASB3	Christman			on order							
SIGNED: <i>Hugh Carson</i>							DATE			9/17/2013			

10. TASK/MISSION/ASSIGNMENT (Type/Function includes: Air Tactical, Retardant, Recon, Personnel Transport, Water Dropping, S&R, etc.)				
TYPE/FUNCTION	NAME OF PERSONNEL OR CARGO (if applic) OR INSTRUCTIONS FOR TACTICAL AIRCRAFT	MISSION START	FLY FROM	FLY TO
Helispot staffing	Organize pairs of helitacks. Staff helispots with helitack to organize civilians. Await orders from DIVS or TFLD prior to staffing.			
ATGS	ATGS over incident at 0800.	730	Rocky Mtn Airport (Jeffco)	Incident
Recon	As requested: please consolidate loads. COML and OSC have priority.		Helibase	Incident
Personnel Insertion	Insert three SAR teams. 1 to Stringtown 40 33.327 x 105 17.584. 2 to Lower Buckhorn.	AM	Helibase	Incident
Personnel / Equipment transport	DIVA Pinewood Spgs to Helibase 15+ (1 civilian, 14 SAR, 2 UTV) Priority 1. DIVC Recon: 2 overhead, Priority 2 DIVC Storm to helibase: 20 (2 SAR, 3 UTV) DIVC Helibase to Drake to Helibase: 4 LE, Priority 1 DIVC Storm to Helibase, 3 people. Priority 1 DIVC Retreat to Helibase, 3 people. Priority 1 DIVA Helibase to Pinewood Spgs, 7 people. Priority 1 DIVA Helibase to Pinewood Spgs, 21 people (Payson IHC), Priority 1 DIVA Pinewood Spgs to Helibase, 21 people (Payson IHC), Priority 1 DIVC Helibase to Storm to Retreat HB load 6; go to Storm d/o 3; go to Retreat p/u 2 UTV; go to Stringtown d/o 2 UTV; go to Retreat p/u 1 ATV 1 UTV; go to HB d/o ATV,UTV, 3. See Ross Wilmore for details DIVD/E Remove 3 SAR: 2 at Chrystal, 1 Middle Buckhorn DIVD/E Removal of TFLD on Hwy 27 DIVD/E Remove 3 citizens Stringtown Branch 2 OSC2 Recon	PM AM PM 1200 PM PM AM AM PM AM 1000 1800		Incident
Recon	OSCs			Incident
Medevac	If over fire, ATGS to provide coordination between MEDL, DIVS, and COML			Incident
Initial Attack	Furnish support to Forest as requested. OSC/AOBD to approve release of air resources			Incident

ICS-220

2/99

Rocky Mountain Team A	Safety Message	September 18, 2013
	LARIMER FLOOD 2013 Maintain Situational Awareness At All Times	<u>What Risk - What Benefit?</u> HAZARDS AND RISKS IDENTIFIED

Major Hazards and Risks:

Unexpected Events- Plan accordingly for every mission.

Cross-Contamination/Decon- Risk of infectious disease and hazardous material.

Aviation Operations- Heavy use of aviation for transport and supply missions. Multiple missions possible in same area.

Communication- Spotty communication across flood area. Resources using 800 MHz and VHF radios. Confusion over use of each.

Driving Hazards- Travel to and from ICP. Single lane roads with blind corners, steep soft shoulders, and unstable roads, undermined by flood water. **ATV/UTV use, risk of injury due improper use and lack of adequate PPE.**

Narrative:

Unexpected- Have a back up plan and gear for overnight stay for 48-72 hours. Be aware of animals/reptiles that may be encountered, both domestic and wild. Be alert for weather changes. Ensure proper PPE is used at all times.

Cross-Contamination/Decon- Use hand washing stations frequently and before eating. Mandatory self decon of personnel and equipment after each mission. Upon exiting aircraft report to decon area. Boot decon is to be completed with 10% bleach solution when possible.

Air Operations- Refer to aviation safety guidelines found in the IRPG on pages 51-69. Report any unsafe actions to the Helibase Manager or use the SAFECOM reporting system if necessary. Make sure there is communication between crewmembers and pilots working around operating aircraft. Have a backup plan in case aviation assets become unavailable for crew shuttle and retrieval. Assure Landing Zone is appropriate for aircraft size and footprint.

Communication- Establish human repeaters if needed to establish communication with other resources, ICP, or supervisors. Climb to higher ground. Check to make sure you have good communication with everyone before starting work. Assure communication with supervisor and ICP, know which radio system is in use.

Driving Hazards- All usual driving hazards are present. Use extra caution while driving in town. Additional hazards include single lane roads with limited sight distance and steep soft shoulders exist along roadways. Drive defensively, drive with headlights on, and adjust driving speeds as needed. Gather intelligence on the road condition as needed. Many roads and bridges have been compromised. When in doubt don't drive on questionable roads. Avoid swift water crossings. **Assure only qualified ATV/UTV operators are allowed to use them. Use the appropriate PPE for each. Review safe operating procedures before use.**

Think Before You Drive	Safety Tips	Safety Officers
	<u>After a landslide or debris flow</u> • Stay away from the site. Flooding or additional slides may occur after a landslide or mudflow. • Check for injured or trapped people near the affected area, if it is possible to do so without entering the path of the landslide or mudflow. • Listen to the radio or TV for emergency information. • Report broken utility lines to the appropriate authorities. • In the US, landslides and debris flows result in 25 to 50 deaths each year.	Toni Toelle Colt Mortenson Dave Campbell Rick Baton Ron Hassell Randy Vinson Daniel Johnson

ICS-206 MEDICAL PLAN	Incident Name Larimer Flood 2013	Date Prepared 09-17-13	Time Prepared 2000	Operational Period 09-18-13				
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			Paramedics	
Medical Aid Stations	Location		Yes	No
ICP Medical Unit	Budwiser Event Center (Mckee Bldg.) Loveland, CO			X
Helibase Medical Unit	Christman Field (Braden Applegate)		X	

Name	Ambulance Services	Phone	Paramedic	
Thompson Valley EMS (ICP ONLY)	4480 Clydesdale Parkway Loveland, CO	911	X	
			Yes	No

Name	Incident Ambulances Locations	Paramedics	
		Yes	No
HeliBase	Christman Field	X	

7. Hospitals								
		Travel Time			Helipad		Burn Center	
Name	Address	Air	Grd	Phone	Yes	No	Yes	No
Medical Center of the Rockies	2500 Rocky Mtn. Ave., Loveland, CO			970-624-2500	X			X
Purdre Valley Hospt.	1024 S. Lemay Ave., Ft. Collins, CO			970-495-7000	X			X
McKee Medical Center	2000 Boise Ave., Loveland, CO (970) 593-6118			970-669-4640	X			X
North Colorado Medical Center	1801 16 th St., Greeley, CO.			970-352-4121	X			X
University Hospital Trauma Center-Level 2 Burn Center	12605 E. 16 th Ave. Aurora, CO N 39 44.52 W 104 50.55			(720)848-9111	X		X	

MEDICAL EMERGENCY PROCEDURES								
Refer to IRPG insert. In the Event of a Medical Emergency provide the following information to the Communications Unit. 1. Declare the nature of the emergency. a. Medical injury/illness? If injury/illness is it life Threatening? 2. If the injury is life threatening, then request that the designated frequency be cleared for emergency traffic. 3. Identify the on-scene point of contact by resource and last name (i.e. the POC is TFLD Smith). 4. Identify nature of incident, number injured, patient assessment(s) and location (geographic and GPS coordinates). 5. Identify on-scene medical personnel by position and name (i.e. EMT Jones). 6. Identify preferred method of patient transport. 7. Request any additional resources and or equipment needed. 8. Document all information received and transmitted on the radio or phone. 9. Document any changes in the on-scene point of contact or medical personnel as they occur. GPS Coordinates are to be given in Degrees Decimal Minutes per National Standards. 800 Radios- Call Larimer County Dispatch or (911) .								
9. Prepared by (Medical Unit Leader) Steve Stone				10. Reviewed by (Safety Officer) Toni Toelle				

INCIDENT RADIO COMMUNICATIONS PLAN I-205			1. INCIDENT NAME Larimer Floods		2. DATE/TIME PREPARED 9/17/13 2000		3. OPERATIONAL PERIOD DATE/TIME 9/18/13 0700 - 2000	
4. BASIC RADIO CHANNEL UTILIZATION								
Ch #	Channel Name	Assignment	RX Frequency Narrowband (N) Wideband (W)	RX Tone/NAC	TX Frequency Narrowband (N) Wideband (W)	TX Tone/NAC	Mode Digital (D) Analog (A) Mixed (M)	Remarks
1	TAC 1	Division A	168.0500 N		168.0500 N		A	
2	TAC 2	Division B	168.2000 N		168.2000 N		A	
3	TAC 3	Division C	168.6000 N		168.6000 N		A	
4	TAC 4	Division D	166.7250 N		166.7250 N		A	
5	TAC 5	Division E	166.7750 N		166.7750 N		A	
6	TWIN	Forest Net	169.1750 N		169.9750 N	131.8	A	Backup Command - (Twin Sisters)
7	BUCKHORN	Forest Net	169.1750 N		169.9750 N	123.0	A	Backup Command - (Buckhorn)
8	CMD 1	Command	168.1000 N		170.4500 N	123.0	A	Signal - Linked
9	CMD 2	Command	168.0750 N		170.4250 N	123.0	A	Twin Sisters - Linked
10	CMD 3	Command	170.0125 N		165.2500 N	123.0	A	Middle Bald - Linked
11								
12	A/G 1	Air to Ground	169.2000 N		169.2000 N		A	Primary
13	A/G 2	Air to Ground	167.9500 N		167.9500 N		A	Secondary
14	VFIRE21	Medical	154.2800 N		154.2800 N	156.7	A	MedEvac - Formerly "FERN 1"
15	DECK	Helibase	163.1000 N		163.1000 N		A	
16	AIRGUARD	Emergency Aircraft Use Only!	168.6250 N		168.6250 N	110.9	A	
5. I-205 Prepared By			Jeff Geiger, COML		DTRS TALKGROUPS: CONG MAC19, LE TAC MAC5, LE CMD MAC6, ESTES LC TAC 3 & 4			

INCIDENT RADIO COMMUNICATIONS PLAN ICS 205 (US&R)		Incident Name Larimer Flood 2013		Date/Time Prepared 17 Sept 2013	Operational Period Date/Time 09/18/13 07:00 through 09/18/13 07:00
GPS Datum/Format: WGS84 US National Grid		Command Post GPS Coordinates: 13T EE 01132 76898			
SYSTEM/CACHE	ZONE	CHANNEL	DISPLAY	FUNCTION	REMARKS
MSAT	—	—	USAR-1	Calling Net	All TF and IST Operations
MSAT	—	—	USAR-2	White Command Net	Used for long range communications between teams and/or White IST
UHF	C	3	C3	Tactical	DIV. A
UHF	C	4	C4	Tactical	DIV. B
UHF	C	6	C6	Tactical	DIV. C
UHF	C	7	C7	Tactical	DIV. D
UHF	C	9	C9	Tactical	DIV. E
UHF	C	10	C10	Tactical	LOVELAND
UHF	C	12	C12	Tactical	NVTF-1 BOO TAC
UHF	C	13	C13	Tactical	MOTF-1 BOO TAC
UHF	B	15	B15	TACTICAL	HELIBASE STAGING IST
UHF	B	11	B11	IST	IST ADMIN
UHF	C	16	C16	Convoy	For conveying to and from the sites
Prepared By: Rich Atwood IST Communications Unit Leader, Cell 949 637 9950					

Mode refers to either "A" or "D" indicating analog or digital (e.g. Project 25) or "M" indicating mixed mode. All channels are shown as if programmed in a control station, mobile or portable radio. Repeater and base stations must be programmed with the Rx and TX reversed.

Larimer County Flooding

Data Collection Requirements

- Set units to WGS 84 and WAAS enabled
 - Here is how on GPS unit – setup, map datum, WGS 84 and system, WAAS/EGNOS, enabled.
- Clear all tracks (including saved tracks) and waypoints **before beginning mission** per operational period.
 - GPS unit – tracks, clear and select saved tracks to delete all.
 - GPS unit – find, waypoints, select saved waypoints to delete all.
- Make sure you turn off your track log on the GPS unit when **not actively** operating your mission.
- Submit the .gpx files with the following format.
 - Mission_Date_TF_ Squad leader last name-Operator last name
 - e.g. Primary_9-16-13_MO-TF1_Watkins-Schofield
- Route tracking turned on when in search grids at all times; set record method to “auto” setting.
- Identify and Mark search items as described by the 24 custom search icons that were provided.
- Use the custom search icon “23” to mark abandoned vehicles.
- Use the custom search icon “24” to mark/identify commercial structures. This waypoint should be gathered in addition to one of the first four structure symbols identifying structure damage.
- Pictures should be Geo synced if capable.
- Identify all documents with Task Force, operational period, time and date.
- Backup all notes and data to ensure proper collection.
- All required data must be turned into Plan Section by 20:30hrs daily or as soon as reasonably possible upon return of your personnel.

Larimer County Sheriffs Office

Human Remains (HR) Protocol

- **Flag off area**
- **GPS the location** (US&R Standard Symbology-Available in SIT)
- **Take photos** (DO NOT Disseminate)
- **Immediately notify the Law Branch and IMT Operations Chief through your Immediate Supervisor.**
- **Forward all data through the Incident Situation Unit for delivery/packaging to the Law Branch.**

The diagram features a central circle. A thick black diagonal line runs from the bottom-left to the top-right, passing through the circle. A thinner gray diagonal line runs from the top-left to the bottom-right, also passing through the circle. The following labels are positioned around the circle:

- Date of Exit**: Located at the top-left, above the circle.
- Time of Exit**: Located at the top, above the circle.
- Hazards**: Located at the top-right, above the circle.
- L**: Located to the right of the circle.
- D**: Located to the right of the circle, below -L.
- Task Force**: Located at the bottom-left, below the circle.
- Date of Entry**: Located at the bottom, below the circle.
- Time of Entry**: Located at the bottom-right, below the circle.

Additional information	Primary	No Entry	Secondary
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Secondary

No Entry

