City of Mountain View

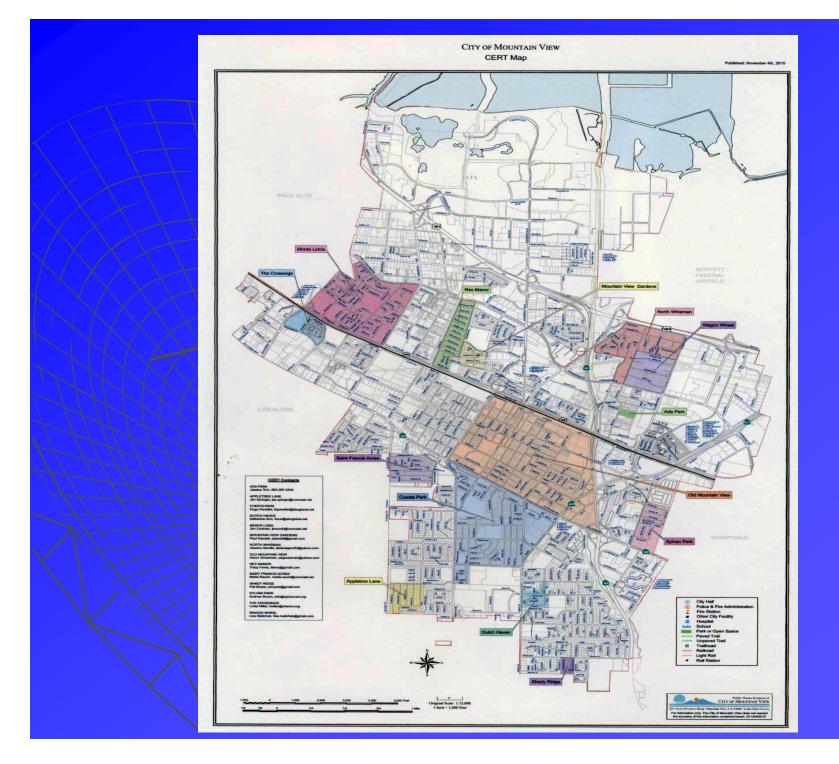
# Fire Department



# CERTAIN Communications

# WHY Communication is Important to both the CERT and the City

- Without communication, the CERT is completely isolated, with no way to ask for help
- Without communication from the CERT, the City has no knowledge of neighborhood conditions or what help is needed





#### **FRS Channel Table**

	Unit	FRS annel	Tactical Call Sign	Msg. Prefix	Fire Station
	City-wide Common*				
$\langle \bullet \rangle$	Ada Park	06	Ada	APK	4
	Appletree	14	Appletree	ATA	2
$^{\times}$	Cuesta Park	04	Cuesta	CPK	2
$\langle \diamond \rangle$	Dutch Haven	12	Dutch	DHN	2
	Monta Loma	03	Monta Loma	MLN	3
	Mtn. View Gardens	09	Gardens	MVG	3
	North Whisman	05	Whisman	NWA	4
TH	Old Mtn. View	07	Old MV	<b>OMV</b>	1
H	Rex Manor	08	Rex	REX	3
1	St. Francis Acres	05	St. Francis	SFA	2
	Shady Ridge		Shady	SHD	2
	Slater	06	Slater	SLA	4
1	Sylvan	13	Sylvan	SLV	4
•	The Crossings	10	Crossings	XNG	3
<b>*</b>	Varsity Park	10	Varsity	VAR	2
1	Wagonwheel	02	Wagon	WWA	5
	/ XXXXXXXXX		XXX		

<sup>\*</sup>To be used for communications between CERTs

# **FRS: First Step Collection**



#### WHAT to Communicate

- Need to know:
  - Uncontrolled fires
  - Hazards: Gas, Water, Electrical or Chemical
  - Extent of building damage
  - Numbers of people injured, trapped or dead
  - Road obstructions or blockages
- Any other situations where threats to life exist
- Any situations that are growing or getting worse
- CERT status for EOC master list

#### **HOW To Accumulate**

#### **CERT - DAMAGE ASSESSMENT FORM**

_	<u>9</u>		,		6			to i			_			3.965				2			10	
DA	E: 5/	15/	11	EVENT: City Wio	le	9	X	erc	18	; e	-	PER	SON	REC	ORD	ING	ID#:	B				PAGE#: / of /
Incident #		Reported	Priority	and distribution of the state o	BURNING	TUO	GAS LEAK	H20 LEAK	ELECTRIC	CHEMICAL	LIGHT	MODERATE	HEAVY	IMMEDIATE **	DELAYED	TRAPPED	DEAD	ACCESS	NO ACCESS	OTHER	ASSIGNED	atto dind in the cod one in the cod one in the in t
#	TIME	Ву		LOCATION	FI	IRE		HAZ	ARD		BU	ILDI	NG ge		PEC	PLE		RO	DAD		/ X	COMMENTS
1	1301	2	1	325 Pan/	1	0	1	0	0	0	0	0	1	6	18	0	2	) pad Vi		non.	autic s	tani bilani l gion or gion or strive or or sn
2	1303	6	1	25W Dona			0	1	0	0	0	1	0	8	20	60	3	0	-	September 1	1,5100	Apart. Wing collopsed
3	1304	9	2	125 Church			0	1	0	0	0	0	1	6 C F	81680			0	ð	0101 (0)	us ourly	Tree geross Church
4	1305	4	1	135 Mercy	1	0	1	0	1	0	0	0	1	4	9	0	2	Þ	0			Power line down
5	1307	8	1	152 Bush	1	0	161.2 SE	BECHE	1900	TOTAL ST	0	0	1	2	3	10	0	1	GL CREG	R. Lbo	pstolit	Thick smoke
6	1309	6	1	272 Bush	1	0	1	0	0	0	0	0	1	1	4	9	1	0	1		Section 1999	自己是其一个
7	1310	4	1	372 Bryant			0	1	0	0	0	1	0	2	6	11	2	1	0	g pe ce	Coborn	Chimney Fell
8	1311	3	1	6310ak	1	0	1	0	0	G	0	1	G	1	2	5	1	1	0	100		
9	1313	9	2	238 Villa	147616						0	0	3	0	2	2	0	anyisa	16 pires	d I De	pe jian	3 Townhouses down
10	1315		1	118 Eblora	1	0	1	6	ō	7	0	J	o	2	3	6	0	1	0			A C TO STATE OF THE STATE OF TH
	1320			Totals	6	0	5	3	1	0	0	4	8	26	67	103	1)	50	3	T 06	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	20%

Radio Priority 1 - Life Threatening or growing, and Priority 2 - Property/Fire incidents immediately as you find them.

\*\* Immediate Medical = life threatening; others are delayed/minor Use "?" for Unknown. Put an "X" in the OTHER column for descriptions that don't fit elsewhere.

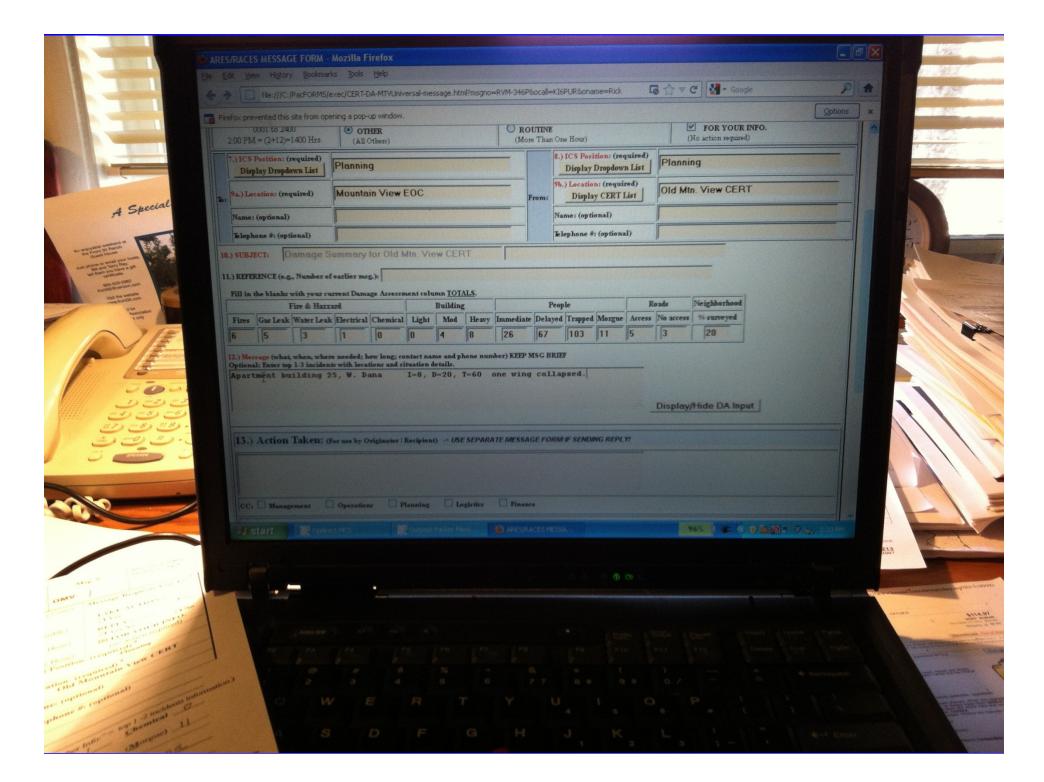
### **CERT to City Communication**

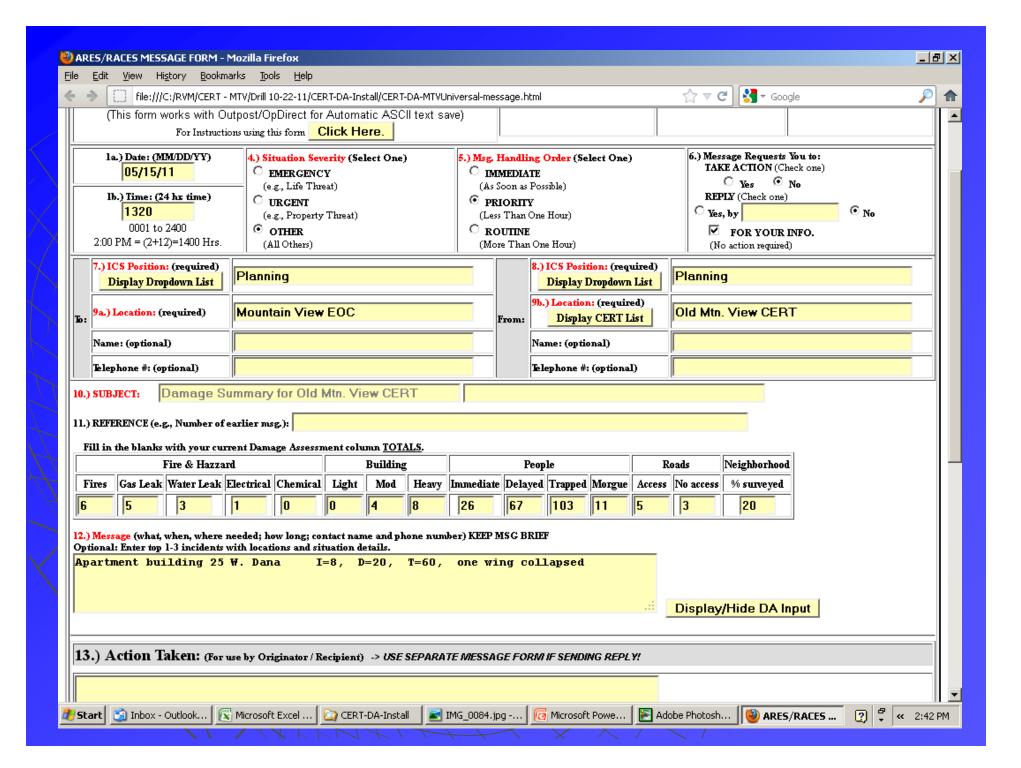
The overall Damage Assessment summary of the neighborhood CERT should be communicated on a periodic basis using the MTV ICS 213 Universal form.

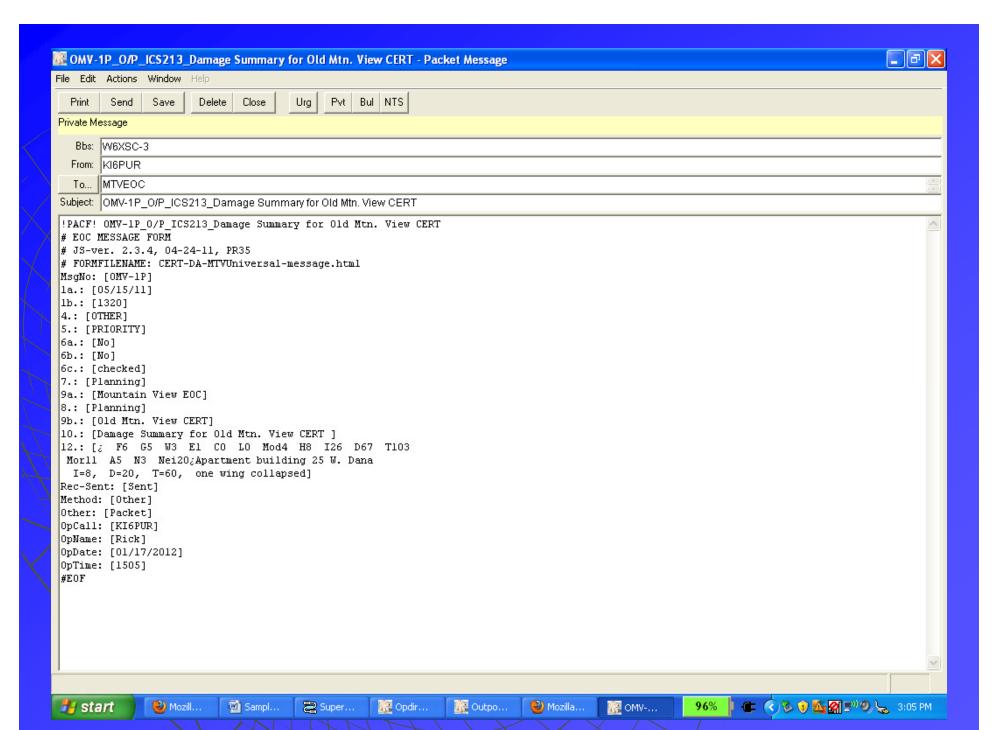
- By Packet Radio (preferred)
- By Voice

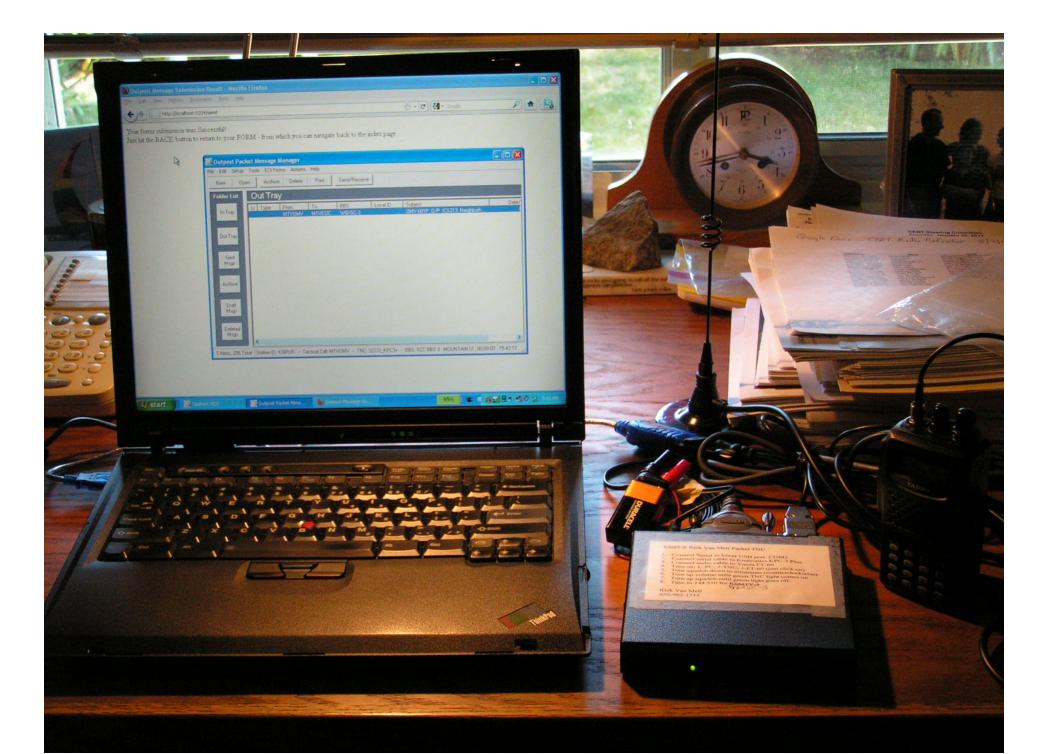
		E SUMMARY en-Press Hard; Print Clear	Msg	/hen Receivin g.: Sender's m		MV-	1sg. #	When Sending Msg. <sup>3</sup> Receiver's msg. #
	for instructions)		riy			OMV-	1	
	MM/DD/YY) <sup>1</sup>	Situation Severity (✓one) <sup>4</sup>	Msg. H	andling O	rder (	√one)	Message	Requests You To: 6
05/	15/11	□ EMERGENCY		IMEDIAT				ACTION (✓one)
Times	(24 hour clock)	(e.g., Life Threat)  URGENT		(As Soon a RIORITY		ible)	☐ Yes	□ No
		(e.g., Property Threat)		Less Than		Hour)	☐ Yes,	Y (✓one) by □ No
	20	☑ OTHER	The second second	DUTINE				R YOUR INFO.
2:00 PM = (1	2+2) = 1400 Hrs	(All others)		More Than				action required)
	ICS Positi	on: (required) <sup>7</sup> Planning			ICS	Position	: (required	anning
To:	Location:	(required) 9  Mountain View	v EOC	From:	Loca	otion: (re	equired) <sup>9</sup> Iountain V	View CERT
Ì	Name: (op	tional)			Nam	e: (optio	onal)	
	Telephone	#:(optional)			Tele	phone #:	(optional)	
	10 Det	nage Summary for: Old Mount	ain View	CERT	-	~~~		
				_				
		g., Number of earlier msg.): 11						
		blanks with your current Dama	ge Assess	ment colum				1 -2 incidents information
_	es	Gas Leaks 5	Water Le		<u>E</u> lec	tric	<u></u> <u>c</u>	hemical
	dg. Light	Bldg. Mod 4 Immediate 26 I	Bldg. Hea		T		03 (	Manual 11
Road	Access	No Access 3		<u>∕</u> Area Su				Morgue)
Other	Info:	Apartment .	buil	ding		25 N	<u>/.                                    </u>	Dona
7	= 8	D=20	T=	60		one		Wing
Ce	Manse	d						
	TON TAKE	EN: 13 (For use by Originato	or / Recij	pient) ▶ U	SE S	EPARA	TE MESS	AGE FORM IF
SEN	DING KEP	4511						
CC:		nagement	s 🗖	Planning		☐ Logis	stics [	J Finance
	rator Use O							
		or Sent □ (✓one)		Operator		0		
	elephone	Dispatch Center		Operator	r Nam	e:		
	OC Radio	☐ FAX ☐ Courie	r					
		lio Other		Date:			Tiı	me:
Mes	ing (Sent): ssage Origina lio: After send	tor: Send the top copy (white) to ra ling, complete Disposition info., ret	adio, yellov tain white o	w to PLANN	ING, re	tain the pi	nk copy for y	our reference.

MTV ICS Form 213DS 10/31/2011

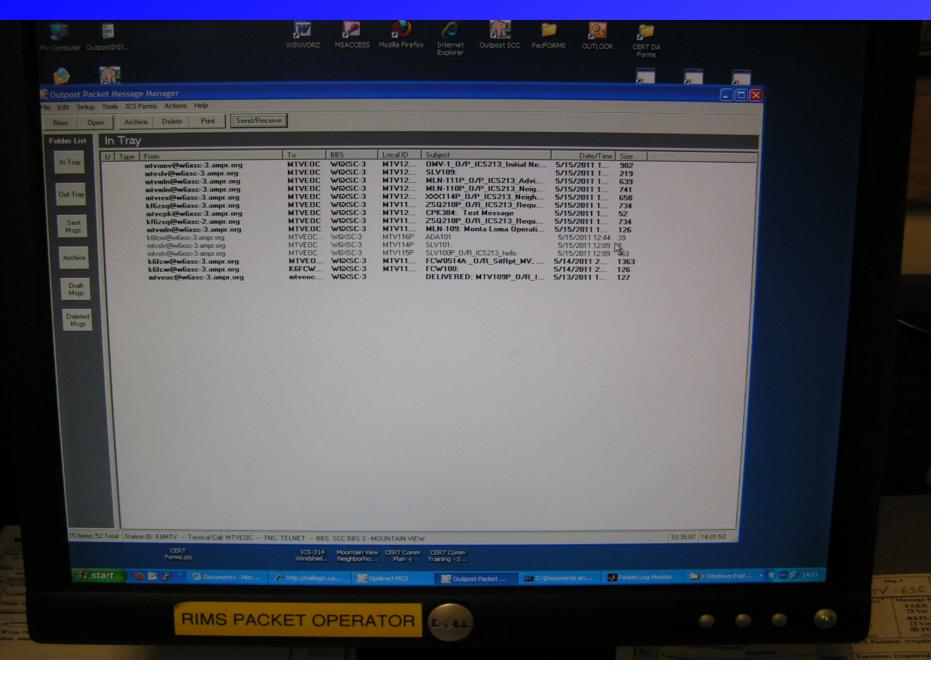








#### At K6MTV Receiving Packet Station





	Fires	Gas	Water				Building			Peo	ple			loads	Neighborhood	Report
	Burning	Leaks	Leaks	Electrical	Chemical	Light	Moderate	Heavy		Delayed		Morgue	Access	No Access	% Surveyed	Time
TOTALS:	8	7	6	2	0	11	7	10	27	68	105	11	5	3	2 %	1320
Ada Park	_	_	_	_	-	-	_	_	-	-	-	_	-	-	_	-
Appletree Area	-	_	_	_	-	-	_	_	-	_	_	_	_	-	_	-
The Crossings	_	_	_	_	-	-	_	_	-	_	-	_	_	-	_	-
Cuesta Park	_	_	_	-	-	-	_	_	-	_	_	_	_	-	_	-
Dutch Haven	_	_	_	_	-	-	_	_	_	_	_	_	_	_	_	-
Monta Loma	-	2	3	1	-	7	1	_	-	1	_	_	_	_	10 %	1319
Mountain View Gardens	-	-	-	-	-	-	-	-	-	-	-	_	-	-	_	-
North Whisman	-	_	-	_	-	-	-	-	-	_	-	_	_	-	-	-
Old Mtn. View	6	5	3	1	0	0	4	8	26	67	103	11	5	3	20 %	1320
Rex Manor	2	-	_	-	-	4	2	2	1	_	2	_	_	-	_	1312
Saint Francis Acres	-	-	-	_	-	-	_	-	-	_	-	_	-	-	-	-
Shady Ridge	_	_	_	_	-	-	-	_	-	_	_	_	_	_	-	-
Sylvan Park	_	_	_	-	-	-	_	_	-	_	_	_	_	_	-	-
Wagon Wheel	-	-	_	_	-	-	_	_	-	_	-	_	-	-	-	-





DA Summary

	Fires	Gas	Water				Building			Peo	ple			loads	Neighborhood	Report
	Burning	Leaks	Leaks	Electrical	Chemical	Light	Moderate	Heavy	Immediate	Delayed	Trapped	Morgue	Access	No Access	% Surveyed	Time
TOTA S:	8	7	6	2	0	11	7	10	27	68	105	11	5	3	2 %	1320
Ada Park	_	_	_	_	-	-	_	_	-	-	-	-	_	-	-	-
Appletree Area	_	_	_	_	-	-	_	_	_	_	_	_	_	-	-	-
The Crossings	_	_	_	_	-	-	_	_	_	_	_	_	_	-	-	-
Cuesta Park	-	_	_	_	-	-	_	_	_	_	_	_	_	-	-	-
Dutch Haven	-	_	_	_	-	_	_	-	-	-	-	-	_	-	_	-
Monta Loma	-	2	3	1	-	7	1	_	-	1	_	_	_	-	10 %	1319
Mountain View Gardens	-	-	-	_	-	-	_	-	-	-	-	_	-	-	_	-
North Whisman	-	_	_	_	-	_	_	_	_	_	_	_	_	_	_	-
Old Mtn. View	6	5	3	1	0	0	4	8	26	67	103	11	5	3	20 %	1320
Rex Manor	2	-	_	-	-	4	2	2	1	-	2	-	_	-	_	1312
Saint Francis Acres	-	-	-	_	-	-	_	-	-	-	-	-	-	-	-	-
Shady Ridge	_	_	_	_	-	-	_	_	_	_	_	_	_	-	-	-
Sylvan Park	_	_	_	_	-	-	_	_	_	_	_	_	_	_	-	-
Wagon Wheel	-	-	_	_	-	-	_	_	-	-	-	-	-	-	-	-





DA Summary

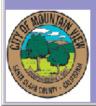
		Fires	Gas	Water				Building			Peop	ole			loads	Neighborhood	Report
		Burning	Leaks	Leaks	Electrical	Chemical	Light	Moderate	Heavy	Immediate	Delayed	Trapped	Morgue	Access	No Access	% Surveyed	Time
Ī	TOTALS:	8	7	6	2	0	11	7	10	27	68	105	11	5	3	2 %	1320
Ada ra	l.	_	_	_	_	_	_	_	_	_	_	-	_	_	_	_	
Appletres	e Area	_	_			_		_	-	_	_	_	_		_	-	-
The Cros	sings	_	_	_	_	-	_	_	_	-	_	_	_	_	_	_	-
Cuesta 1	Park	_	_	_	_	-	-	_	_	-	_	_	_	_	_	-	-
Dutch H	aven	-	_	_	-	-	_	_	_	-	_	_	_	_	_	_	-
Monta I	Loma	-	2	3	1	-	7	1	_	-	1	-	_	_	-	10 %	1319
Mountain Garde		-	-	-	_	_	-	-	-	-	-	-	-	-	-	_	-
North Wh	isman	-	_	-	_	-	-	-	-	-	-	-	_	_	-	_	-
Old Mtn.	View	6	5	3	1	0	0	4	8	26	67	103	11	5	3	20 %	1320
Rex Mar	nor	2	_	_	_	_	4	2	2	1	_	2	_	_	-	_	1312
Saint Fra Acres		-	-	-	_	_	-	_	-	-	_	-	_	-	-	_	-
Shady R	idge	_	_	_	_	_	-	_	_	_	_	_	_	_	-	-	-
Sylvan 1		_	_	_	_	_	-	_	_	_	_	_	_	_	_	-	-
Wagon W	heel	-	-	-	_	-	-	_	_	-	-	-	-	-	_	-	-





DA Summary

	Fires	Gas	Water				Building			Peo				Roads	Neighborhood	Report
	Burning	Leaks	Leaks	Electrical	Chemical	Light	Moderate	Heavy	Immediate	Delayed	Trapped	Morgue	Access	No Access	% Surveyed	Time
TOTALS:	8	7	6	2	0	11	7	10	27	68	105	11	5	3	2 %	1320
Ada Park	_	_	_	_	-	-	_	_	_	_	_	_	_	_	_	_
Appletree Area	_	_	_	_	-	-	_	_	-	_	_	_	_	-	-	-
The Crossings	_	_	_	_	-	-	_	_	_	_	_	_	-	-	-	-
Cuesta Park	_	_	_	_	-	-	_	_	_	_	_	_	_	-	-	-
Dutch Haven	_	_	_	_	-	-	_	_	_	_	_	_	_	-	-	-
Monta Loma	_	2	3	1	-	7	1	_	_	1	_	_	_	-	10 %	1319
Mountain View Gardens	_	-	_	_	_	-	_	_	_	_	-	_	-	-	-	-
North Whisman	_	_	_	_	-	-	_	_	_	_	_	_	_	-	-	-
Old Mtn. View	6	5	3	1	0	0	4	8	26	67	103	11	5	3	20 %	1320
Rex Manor	2	_	_	_	-	4	2	2	1	_	2	_	-	_	_	1312
Saint Francis Acres	_	-	_	_	_	-	_	_	_	_	-	_	ı	_	-	-
Shady Ridge	_	-	-	_	-	_	_	_	_	_	_	_	-	-	-	_
Sylvan Park	_	_	_	_	_	-	_	_	_	_	_	_	_	_	-	_
Wagon Wheel	_	-	-	-	-	_	_	-	-	-	-	-	-	-	-	





DA Summary

\_ | X

	Fires	Gas	Water				Building			Peo				loads	Neighborhood	Report
	Burning	Leaks	Leaks	Electrical	Chemical	Light	Moderate	Heavy	Immediate	Delayed	Trapped	Morgue	Access	No Access	% Surveyed	Time
TOTALS:	8	7	6	2	0	11	7	10	27	68	105	11	5	3	2 %	1320
Ada Park	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	- 1
Appletree Area	-	_	_	-	-	-	_	-	-	-	_	_	_	-	_	-
The Crossings	-	_	-	-	-	-	_	_	-	-	_	_	_	-	_	-
Cuesta Park	-	_	-	-	-	-	-	-	-	-	_	_	_	-	_	-
Dutch Haven	-	_	-	-	-	-	-	-	-	-	_	_	_	-	_	-
Monta Loma	-	2	3	1	-	7	1	-	-	1	_	_	_	-	10 %	1319
Mountain View Gardens	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
North Whisman	_	_	_	_	-	_	_	_	-	-	_	_	_	_	_	-
Old Mtn. View	6	5	3	1	, 0	0	4	8	26	67	103	11	5	3	20 %	1320
Rex Manor	2	_	-	-	1 -	4	2	2	1	_	2	_	_	-	_	1312
Saint Francis Acres	-	-	-	- /	/ -	-	-	-	-	<u>/-</u>	-	-	-	-	-	-
Shady Ridge	_	_	-	0 -		.1		_	-	/ –	_	_	_	_	_	-
Sylvan Park	_	_	-	$\sigma = r$	eporte	ra nui	nver	_	_ 10	o rono	) ret	_	_	_	-	-
Wagon Wheel	_	-	-	_	-	-	_	-	$r = r\iota$	o repo		_	-	-	-	-





#### DA Summary

File Edit Settings Help

	Fires	Gas	Water	E1		11.11	Building			Peo				Roads	Neighborhood	
	Burning	Leaks	Leaks	Electrical	Chemical	Light	Moderate	Heavy	Immediate	Delayed	Trapped	Morgue	Access	No Access	% Surveyed	Time
TOTALS:	23	14	12	12	2	30	20	30	51	41	146	20	64	6	27 %	1459
Ada Park	_	_	_	_	_	_	_	_	-	_	_	_	-	_	_	-
Appletree Area	0	1	1	2	0	5	2	4	5	4	7	0	10	0	100 %	1417
The Crossings	_	_	_	_	_	_	_	_	_	_	-	_	_	-	_	-
Cuesta Park	5	4	6	5	1	1	1	6	5	9	11	5	_	0	100 %	1459
Dutch Haven	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	-
Monta Loma	0	1	0	0	0	21	7	4	0	9	-	2	40	1	100 %	1357
Mountain View Gardens	-	-	-	-	-	-	-	-	-	-	-	-	-	-	_	-
MVLA HS Dist.	_	_	_	_	_	_	_	_	_	_	_	_	_	_	-	-
MV Whis Dist.	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	-
North Whisman	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	-
Old Mtn. View	6	5	3	1	0	0	4	8	26	4	103	11	5	3	20 %	1320
Rex Manor	7	1	1	2	-	2	4	5	Local Msg	#:MTV53	8P			tu o		
Saint Francis Acres	-	-	-	2-3	2-3	( <del>-0</del> .3	-	-		: R_1110	22_15062				ighborhood_Sun	nmary_for
Shady Ridge	3	1	0	2	1	1	2	3	File location					Log_111022	_InTray	

r\_Old\_Mtn\_View\_(final)

BBS Received Time: 22-Oct-2011 15:06

Message text:

F6 G5 W3 E1 C0 L0 Mod4 H8 I26 D67 T103 Mor11 A5 N3 Nei20

Additional: 05/15/11 1320

Apartment building 25 W. Dana I=8, D=20, T=60 one wing collapsed



Slater

Sylvan Park

Varsity Park

Wagon Wheel

C:\PacketDemoLogs\packetCommLog\_111022\_Recvd.csv =

0

0

0

0

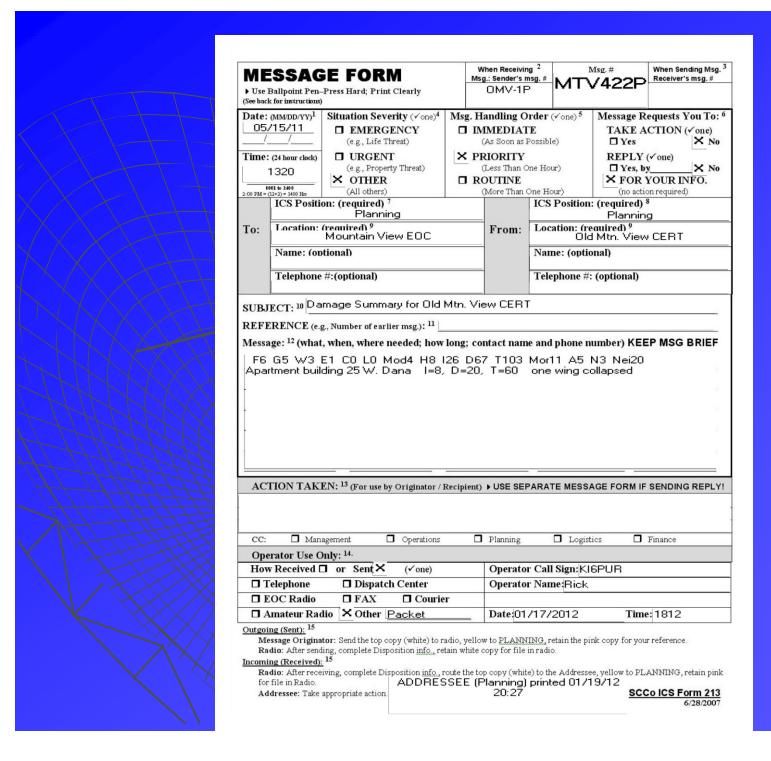
Monitor is On

1

1

New Information: Click to reset





#### Drill 5/15/11 Set of Packet Messages at 1414

#### DA Summary



File Settings Help

		Fires	Gas	Water				Building			Dani	-1-			) d -	Neighborhood	Danest
		Burning			Electrical	Chemical	Light		Heavn	  Immediate	Peop Delayed		Moraue		loads   No Access	% Surveyed	Report Time
Г	TOTALS:	12	11	9	7	1	21	21	18	43	76	131	12	6	5	9 %	1414
		12	11	7	/	1	21	21	10	4.0	70	131	12	0	5	2 %	1414
Ada	Park	_	_	_	_	_	-	_	-	-	-	_	-	_	_	_	_
Appletr	ee Area	_	_	_	_	-	-	_	_	_	_	_	_	_	_	_	-
The Cro	ossings	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	-
Cuesta	a Park	2	2	1	2	0	1	11	6	16	_	24	_	_	1	50 %	1414
Dutch	Haven	_	_	_	_	-	_	_	-	-	-	_	-	_	_	_	-
Monta	Loma	2	4	5	3	-	16	3	1	-	4	1	-	_	1	40 %	1408
Mountai Gard		-	-	-	_	_	-	-	-	-	_	-	_	-	-	_	-
North V	Vhisman	_	_	-	_	-	-	_	_	_	_	_	_	_	_	_	-
Old Mtr	n. View	6	5	3	1	0	0	4	8	26	67	103	11	5	3	20 %	1320
Rex N	fanor	2	_	_	_	-	4	2	2	1	_	2	-	_	_	_	1312
Saint E Acı	Trancis res	-	-	-	_	_	-	-	-	-	_	-	_	-	_	_	-
Shady	Ridge	0	0	0	1	1	-	1	1	0	5	1	1	1	-	10 %	1408
Sylvar	n Park	_	_	_	-	-	-	_	-	-	_	_	-	_	_	_	1346
Wagon	Wheel	_	_	-	_	-	-	_	_	_	_	_	-	_	_	_	-

#### •Full backup(s) every update





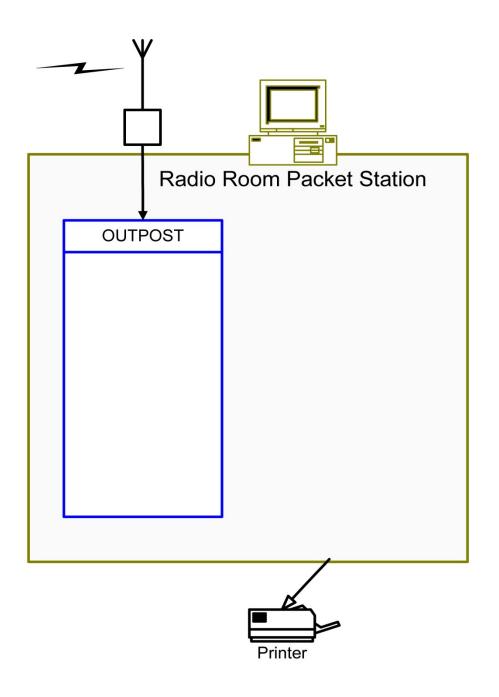
## Implementation in Mountain View

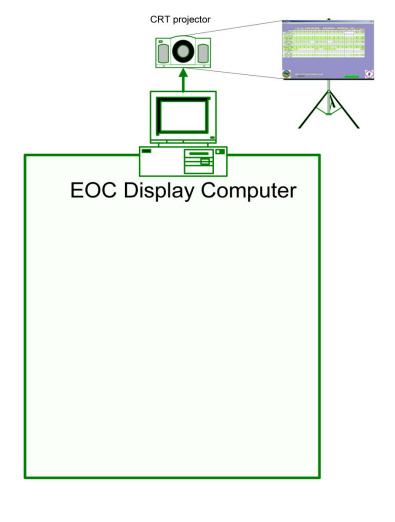
Two computers connected together:

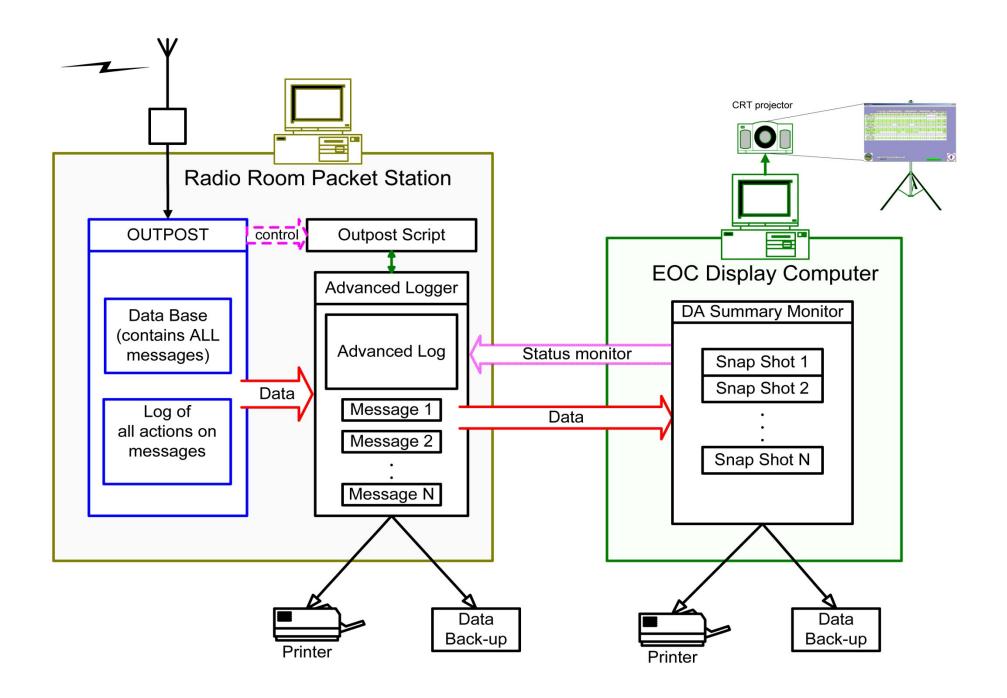
#1 Packet station computer in radio room

Connected by LAN to ...

#2 Computer & projector in Emergency
 Operations Center



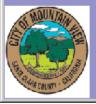




#### Drill 5/15/11 Last Set of Packet Messages at 1453



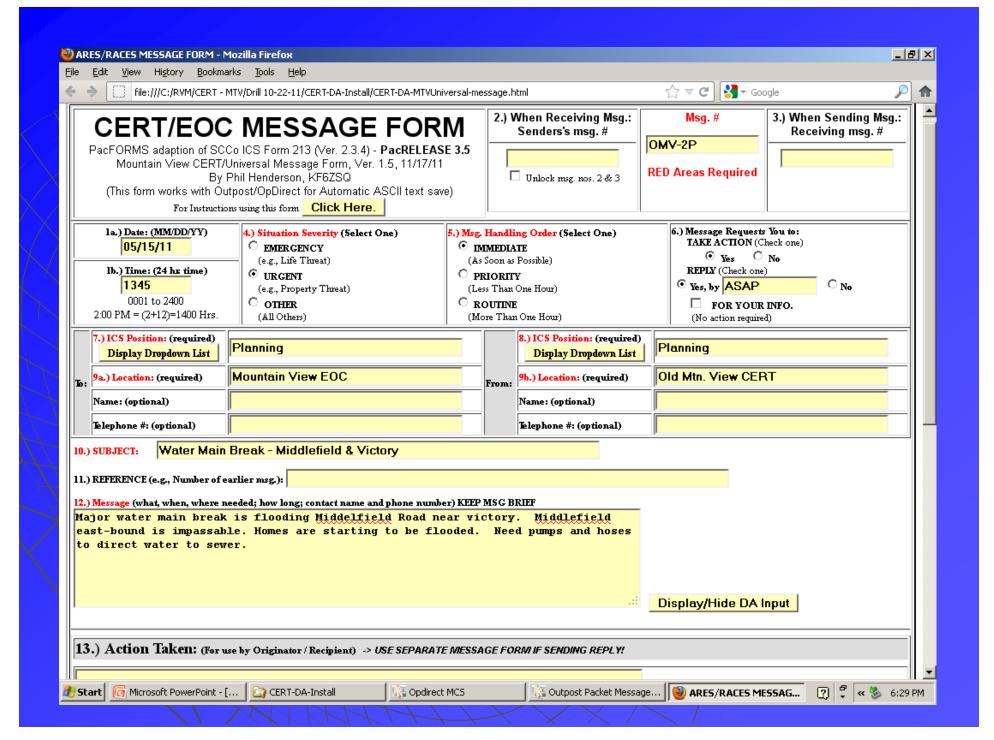
	Fires	Gas	Water				Building			Peop				Roads	Neighborhood	Report
	Burning	Leaks	Leaks	Electrical	Chemical	Light	Moderate	Heavy	Immediate	Delayed	Trapped	Morgue	Access	No Access	% Surveyed	Time
TOTALS:	26	19	21	15	11	163	69	56	89	202	152	25	6	14	47 %	1453
Ada Park	2	2	1	1	0	3	2	1	6	1	3	1	0	_	100 %	1435
Appletree Area	1	1	0	0	0	3	4	3	5	4	2	0	0	-	100 %	1421
The Crossings	_	_	_	_	-	-	_	_	-	_	_	_	_	_	_	-
Cuesta Park	2	2	1	2	0	1	11	6	29	6	24	1	_	1	75 %	1445
Dutch Haven	_	_	_	-	-	-	_	_	_	_	_	_	_	_	_	-
Monta Loma	5	6	7	6	-	28	5	2	-	11	3	1	1	3	99 %	1442
Mountain View Gardens	-	-	-	_	-	-	_	-	-	-	-	_	_	_	_	-
North Whisman	1	2	3	1	8	10	2	4	2	33	0	4	0	0	100 %	1450
Old Mtn. View	10	1	7	3	0	113	40	31	36	135	117	17	4	9	90 %	1445
Rex Manor	4	4	1	-	1	5	2	7	8	_	2	_	_	_	_	1453
Saint Francis Acres	-	-	-	_	-	-	-	-	-	-	-	_	-	_	_	-
Shady Ridge	1	0	0	2	1	-	1	1	1	7	1	1	1	_	100 %	1430
Sylvan Park	_	_	_	_	-	-	_	_	-	_	_	_	_	_	_	1346
Wagon Wheel	_	1	1	_	1	-	2	1	2	5	_	_	_	1	-	1426







- Use the MTV ICS 213 Universal form
- Toggle to Hide DA Input
- Enter message exactly as you would a standard SCCo ICS 213 form



#### Summary

- Hams work with Neighborhood CERTs
- Damage Assessment Form is Standard
- PacForms Mirrors Damage Assessment Form
- Hams use Outpost Packet & PacForms
- PacForms built into Outpost Menu bar
- Use MTV ICS 213 Universal form
- Direct Transmission to EOC Screen
- No Transcription Errors or Delays
- Easy to Teach & Easy to Use

#### Contributors . . .

Jerry Haag (K6GAC, EC in Mountain View)

Lynn Brown (EM for Mountain View)

Jim Oberhofer (Outpost Packet Message Manager creator)

Phil Henderson ("PacFORMS" author)

Bob Fishman (Mountain View AEC)

Rick Van Mell (Mountain View CERT)

Andy Rose (Advanced Packet Logger & Display creator)

All XYLs & families

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