

# Hurricane Harvey Response Timeline August 17 - September 3 2017

Jeffery A Walter

KE5FGA

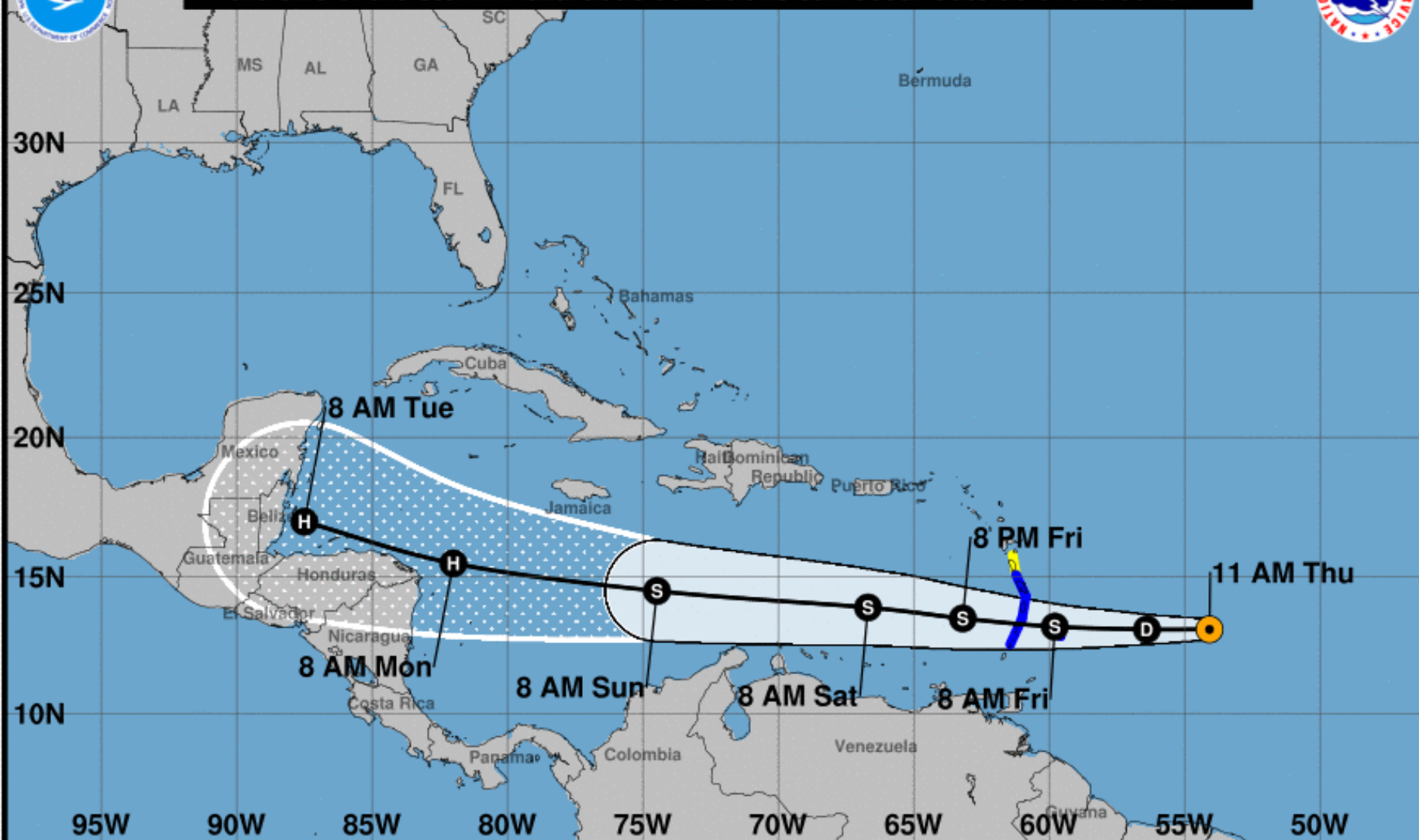
ARRL STX SEC

# 3 Rules of volunteering

- Never let the lack of equipment stop you from participating
- Never take an assignment that you are uncomfortable with
- Work in pairs when possible



the size of the storm. Hazardous conditions can occur outside of the cone.



**Potential Tropical Cyclone Nine**  
Thursday August 17, 2017  
11 AM AST Advisory 1  
NWS National Hurricane Center

**Current information:** ●  
Center location 13.1 N 54.1 W  
Maximum sustained wind 35 mph  
Movement W at 17 mph

**Forecast positions:**  
● Tropical Cyclone ○ Post/Potential TC  
Sustained winds: D < 39 mph  
S 39-73 mph H 74-110 mph M > 110 mph

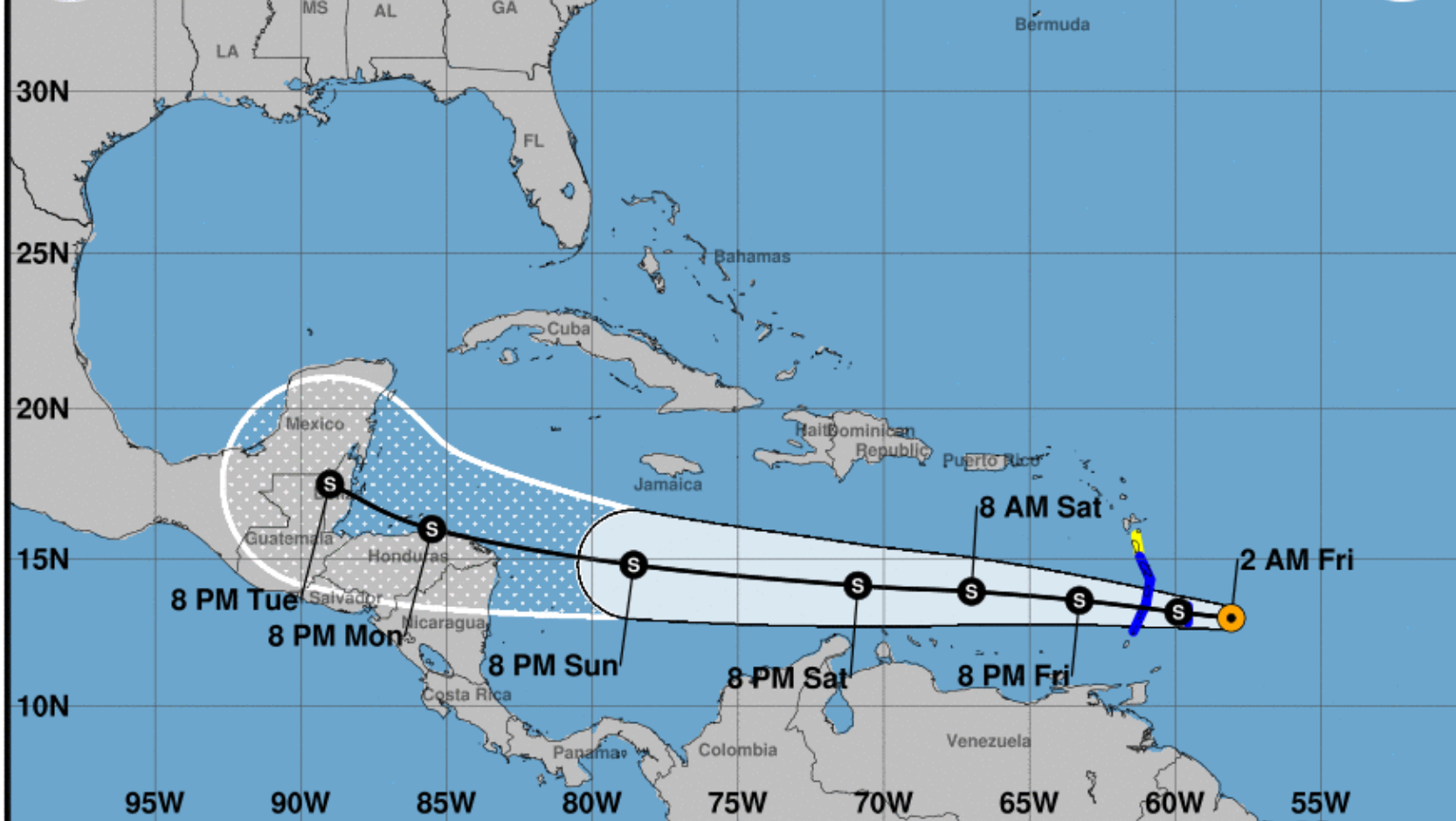
**Potential track area:**

**Watches:**

**Warnings:**



Note: The cone contains the probable path of the storm center but does not show the size of the storm. Hazardous conditions can occur outside of the cone.



### Tropical Storm Harvey

Friday August 18, 2017

2 AM AST Intermediate Advisory 3A

NWS National Hurricane Center

### Current information: ●

Center location 13.0 N 58.1 W

Maximum sustained wind 40 mph

Movement W at 17 mph

### Forecast positions:

● Tropical Cyclone ○ Post/Potential TC

Sustained winds: D < 39 mph

S 39-73 mph H 74-110 mph M > 110 mph

### Potential track area:



Day 1-3



Day 4-5

### Watches:



Hurricane



Trop Storm

### Warnings:



Hurricane



Trop Storm





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### Tropical Storm Harvey

Saturday August 19, 2017

5 AM AST Advisory 8

NWS National Hurricane Center

### Current information: ●

Center location 13.8 N 65.9 W

Maximum sustained wind 40 mph

Movement W at 21 mph

### Forecast positions:

● Tropical Cyclone ○ Post/Potential TC

Sustained winds: D < 39 mph

S 39-73 mph H 74-110 mph M > 110 mph

### Potential track area:



Day 1-3



Day 4-5

### Watches:

■ Hurricane

■ Trop Storm

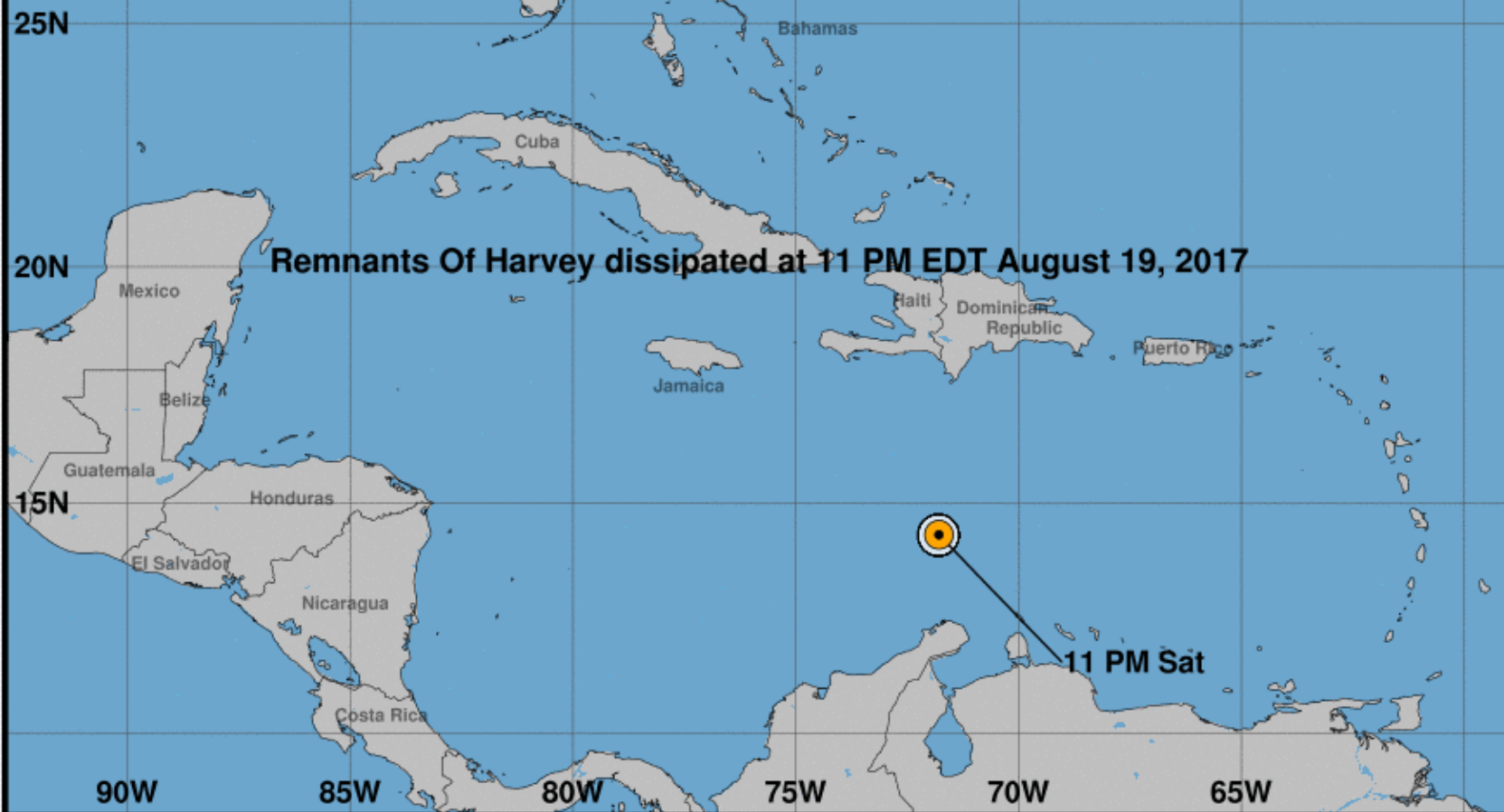
### Warnings:

■ Hurricane

■ Trop Storm



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### Remnants Of Harvey

Saturday August 19, 2017

11 PM EDT Advisory 11

NWS National Hurricane Center

### Current information: ●

Center location 14.3 N 71.8 W

Maximum sustained wind 35 mph

Movement W at 22 mph

### Forecast positions:

● Tropical Cyclone ○ Post/Potential TC

Sustained winds: D < 39 mph

S 39-73 mph H 74-110 mph M > 110 mph

### Potential track area:



Day 1-3



Day 4-5

### Watches:



Hurricane



Trop Storm

### Warnings:



Hurricane



Trop Storm

The 1<sup>st</sup> document was received  
from Harris County Homeland  
Security was a regional joint  
information center (RJIC)  
information packet for 44 cities  
and municipalities

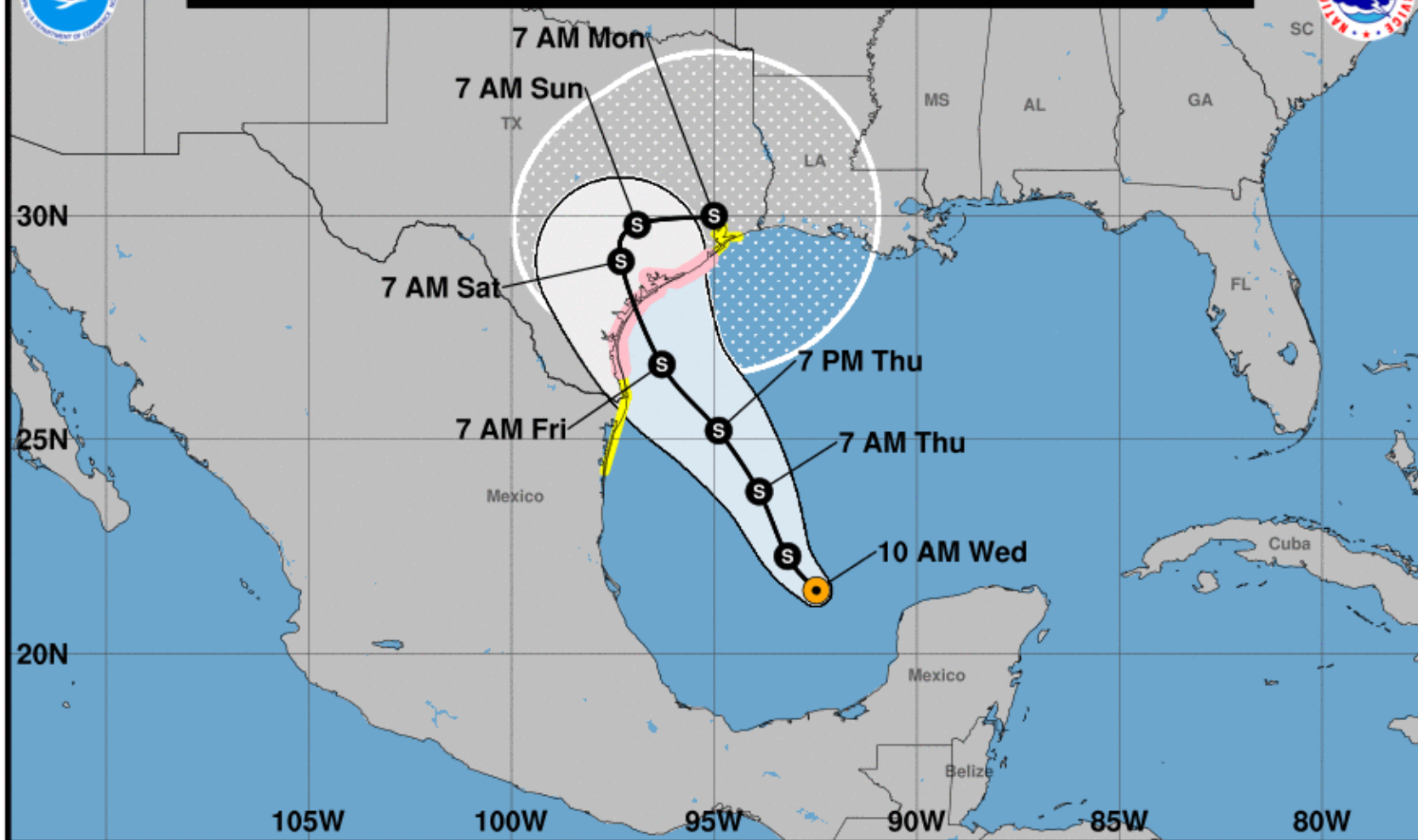
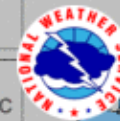
August 23 9:23am

The 2nd document was an  
ICS-217 Frequency  
Communications Plan received  
from an American Red Cross  
Liaison for coordination with STX

August 23 9:39am



Note: The cone contains the probable path of the storm center but does not show the size of the storm. Hazardous conditions can occur outside of the cone.



**Tropical Depression Harvey**  
Wednesday August 23, 2017  
10 AM CDT Advisory 12  
NWS National Hurricane Center

**Current information:** ●  
Center location 21.5 N 92.5 W  
Maximum sustained wind 35 mph  
Movement NW at 9 mph

**Forecast positions:**  
● Tropical Cyclone ○ Post/Potential TC  
Sustained winds: D < 39 mph  
S 39-73 mph H 74-110 mph M > 110 mph

**Potential track area:**

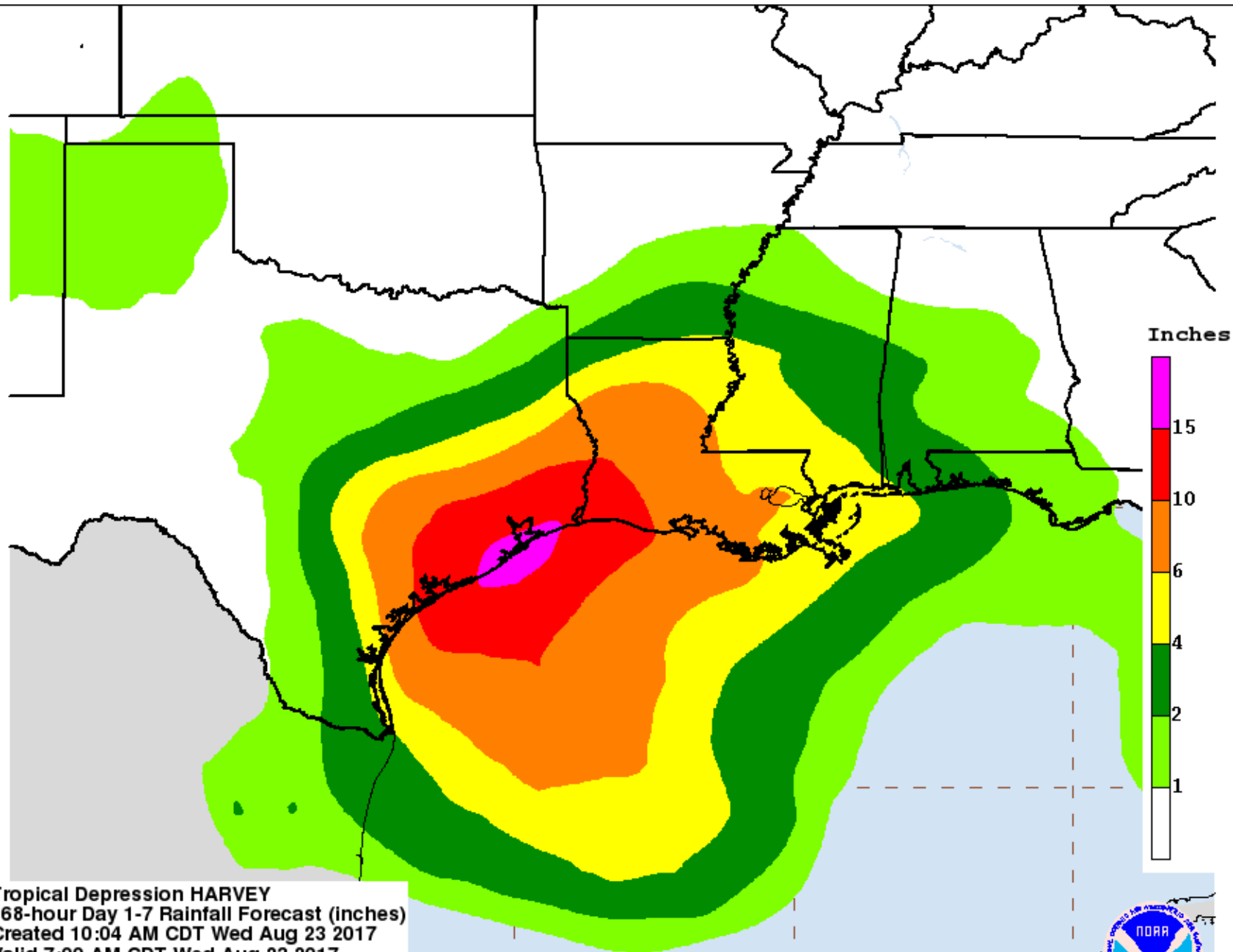
Day 1-3 Day 4-5

**Watches:**

Hurricane Trop Storm

**Warnings:**

Hurricane Trop Storm



**Tropical Depression HARVEY**  
168-hour Day 1-7 Rainfall Forecast (inches)  
Created 10:04 AM CDT Wed Aug 23 2017  
Valid 7:00 AM CDT Wed Aug 23 2017  
through 7:00 AM CDT Wed Aug 30 2017  
NOAA/NWS/NCEP/WPC

Local point maximum rainfall may be higher than shown.  
See the NHC public advisories for the latest tropical cyclone information.





Texas Red Cross Communication Schedule					Frequency Band		Description	
					VOICE VHF/UHF		ARC Chapter/County: _____	
<u>Channel Configuration</u>	<u>Channel Name</u>	<u>Eligible Users</u>	<u>RX Freq N or W</u>	<u>RX Tone</u>	<u>TX Freq N or W</u>	<u>Tx Tone</u>	<u>Mode A/D</u>	<u>Remarks</u>
VHF Repeater	Please insert your local IRLP enabled repeater here							Insert IRLP enabled Repeater
VHF Simplex	"V4742S"	ARC/ARES	147.420 MHz. W	146.2**	147.420 MHz. W	146.2	A	ARC Tactical
VHF Simplex	"V52S"	ARC/ARES	146.520 MHz. W	No Tone	146.520 MHz. W	No Tone	A	Calling Frequency
VHF Simplex	"V57S"	ARC/ARES	146.570 MHz. W	No Tone	146.570 MHz. W	No Tone	A	Simplex TAC 1
VHF Simplex	"V47S"	ARC/ARES	146.470 MHz. W	No Tone	146.470 MHz. W	No Tone	A	Simplex TAC 2
UHF Simplex	"U50S"	ARC/ARES	446.050 MHz. W	146.2**	446.050 MHz. W	146.2	A	UHF Tactical Simplex
UHF Repeater	"U2625"	ARC	460.2625 N	146.2	465.2625 N	127.3	A	KIZ257 License. Portable use in Texas except for Bexar, Henderson, and Montgomery Counties.
					Frequency Band		Description	
					Internet Enabled Linking			
Echolink/IRLP	DCF-ARC	ARC / ARES	*DCF-ARC* Node #336037 / IRLP 9257				A	DCF-ARC
Weather	WX-NHC	SKYWARN	*WXTALK* Node #7203 / IRLP 9219				A	WX-TALK
					Frequency Band		Description	
					VOICE HF			
ARC Tactical Night	ARC HF NIGHT	ARC/ARES	3.8350 MHz LSB		3.8350 MHz LSB		A	
ARC Tactical Day	ARC HF DAY	ARC/ARES	7.2430 MHz LSB		7.2430 MHz LSB		A	
ARC / ARES	ARC ARES HF 3	ARES/ARC	5.3730 MHz USB		5.3730 MHz USB		A	
ARES/Texas	ARES DAY 1	ARES/ARC	7.2900 MHz LSB		7.2900 MHz LSB		A	Health and Welfare
ARES/Texas	ARES DAY 2	ARES/ARC	7.2850 MHz LSB		7.2850 MHz LSB		A	Texas Emergency
ARES/Texas	ARES NIGHT 1	ARES/ARC	3.8730 MHz LSB		3.8730 MHz LSB		A	Texas Emergency
ARES/Texas	ARES NIGHT 2	ARES/ARC	3.8450 MHz LSB		3.8450 MHz LSB		A	Texas Emergency Secondary
SATERN	SATERN	SA/ARES/ARC	14.2650 MHZ USB		14.2650MHZ USB		A	Salvation Army
SATERN	SATERN 2	SA/ARES/ARC	7.2650 MHz LSB		7.2650 MHz LSB		A	Salvation Army Secondary
RACES/Texas	Texas RACES	Texas RACES	3.975 MHz LSB		3.975 MHz LSB		A	Need to be a Texas RACES Member
RACES/Texas	Texas RACES	Texas RACES	7.2480 MHz LSB		7.2480 MHz LSB		A	Emergency Freq Need to be a Texas RACES Member
RACES/Texas	Texas RACES	Texas RACES	7.2550 MHz LSB		7.2550 MHz LSB		A	Exercises & Nets - Need to be a Texas RACES Member
NOAA Weather Local Skywarn	Insert local Station Insert local Repeater	Public						Local NOAA All Hazards Radio Frequency Local Skywarn Repeater
Weather	WX Primary	Skywarn/ARC/ARES	14.3250 MHz USB		14.3250MHz USB		A	
Weather	WX Secondary	Skywarn/ARC/ARES	7.2680 MHz LSB		7.2680 MHz LSB		A	
Weather	WX Secondary	Skywarn/ARC/ARES	3.9500 HMz LSB		3.9500 HMz LSB		A	

All AESCs, DEC's, and EC's were copied with the plan @ 10:13a



The 1<sup>st</sup> Incident Action Plan (IAP)  
was posted on the STX website

[www.arrlstx.org](http://www.arrlstx.org)

August 23      11:00am

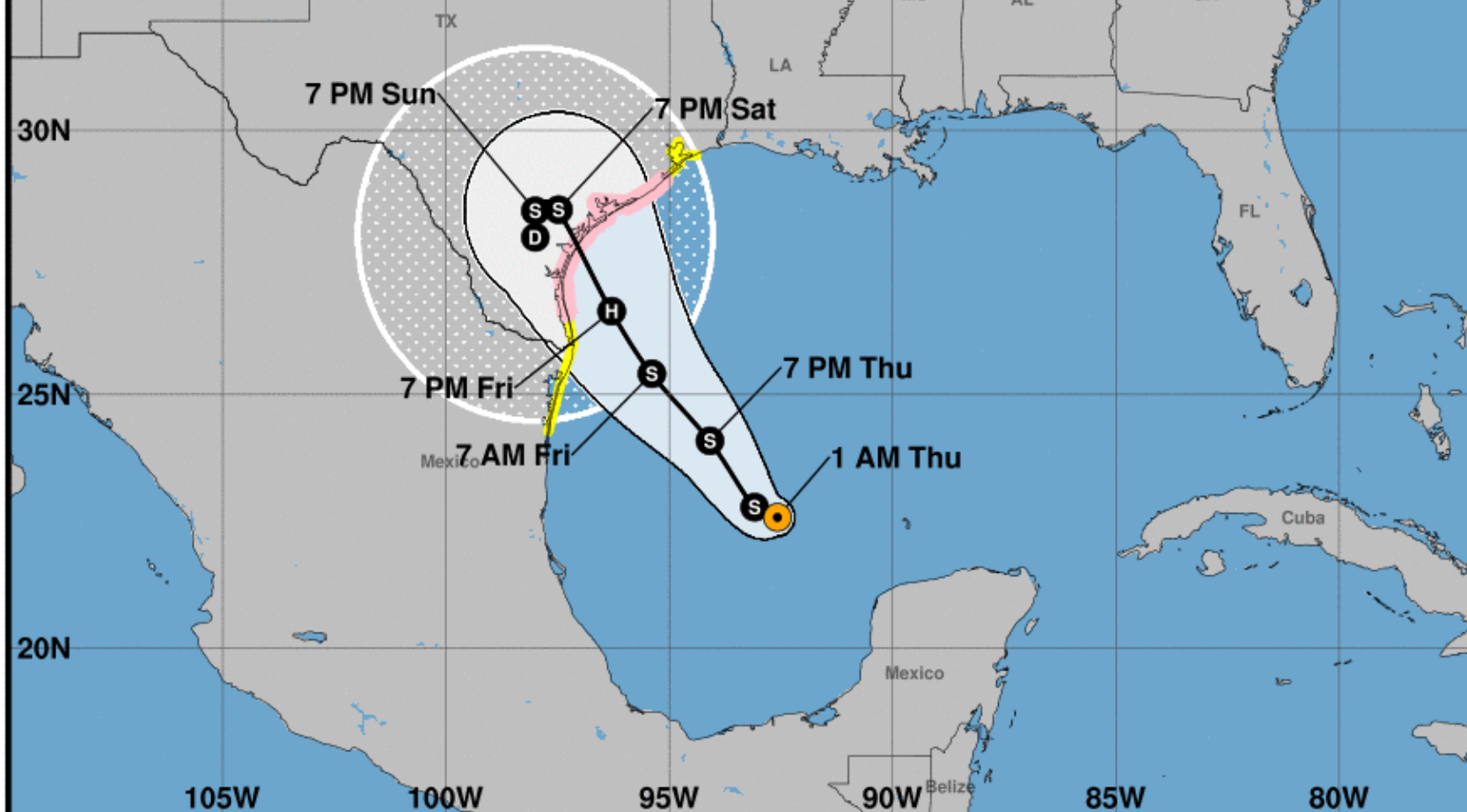
Request sent to all amateur Radio  
Emergency Coordinators for their  
local main frequency

Within 18 hours replies came from  
Victoria, Travis, Grimes, Williamson  
and Matagorda

August 23      1:00pm



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### Tropical Storm Harvey

Thursday August 24, 2017

1 AM CDT Intermediate Advisory 14A

NWS National Hurricane Center

### Current information:

Center location 22.6 N 92.6 W

Maximum sustained wind 45 mph

Movement NW at 7 mph

### Forecast positions:

● Tropical Cyclone ○ Post/Potential TC

Sustained winds: D < 39 mph

S 39-73 mph H 74-110 mph M > 110 mph

### Potential track area:



Day 1-3



Day 4-5

### Watches:

Hurricane

Trop Storm

### Warnings:

Hurricane

Trop Storm

The initial ICS-204  
Communications Assignments  
List for District 14 was produced

Note the assignment period was  
to begin on Saturday August 26th

August 24 5:28pm

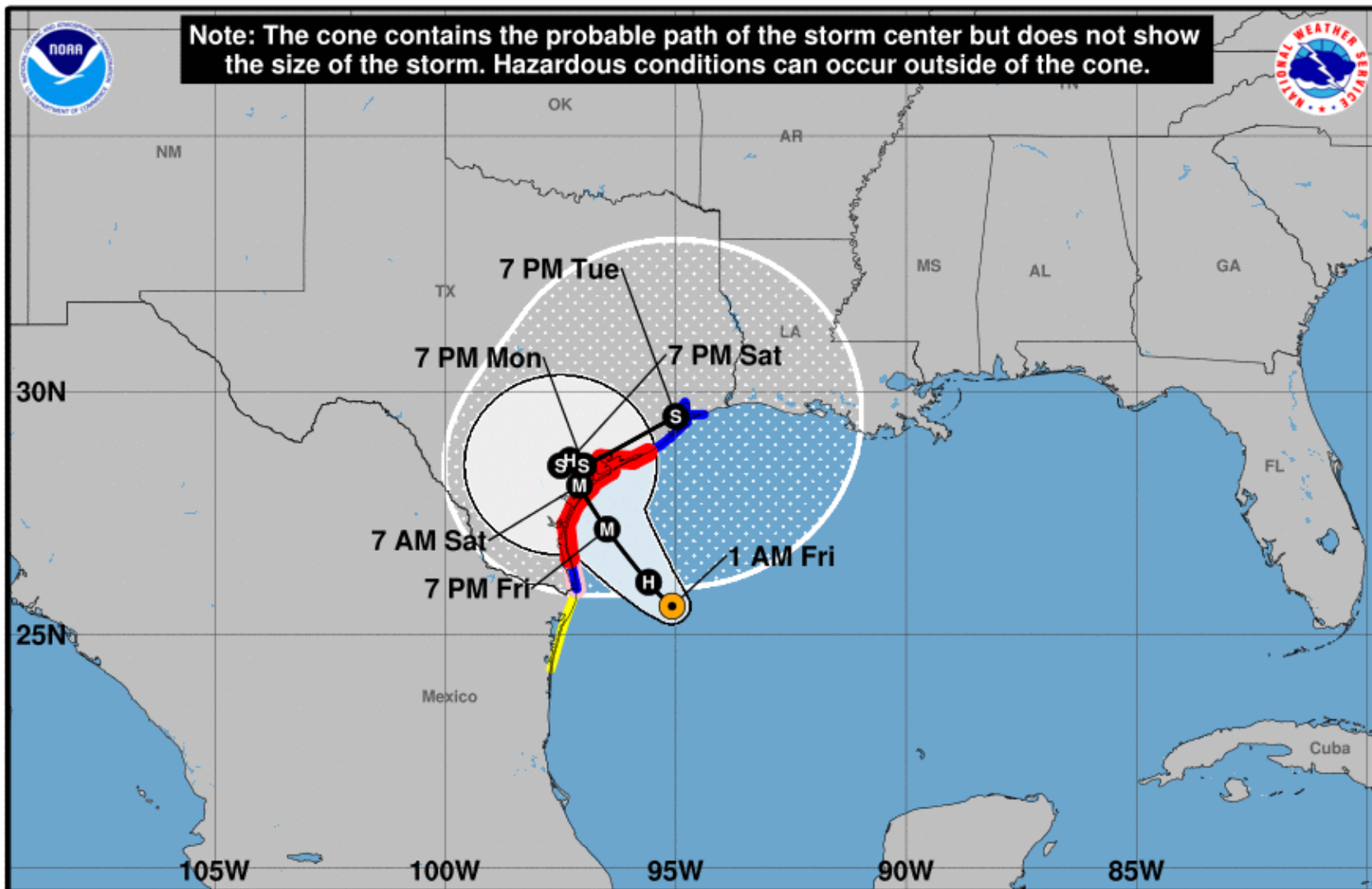
# Assignment List, ICS Form 204

<b>1. BRANCH</b> Logistics		<b>2. DIVISION/GROUP</b> ARRL STX District 14		<b>SUB ASSIGNMENT LIST</b>					
<b>3. INCIDENT NAME</b> Hurricane Harvey				<b>4. OPERATIONAL PERIOD</b> DATE <u>26-Aug-2017</u> TIME <u>0600 to 0600 local</u>					
<b>5. OPERATIONAL PERSONNEL</b>									
<b>District EC</b> <b>District AEC</b>		<u>Jeffery Walter KE5FGA</u> <u>Ben Gillis K5TBN</u>		<b>District PIO</b> <b>District CERT Liaison</b>		<u>Mike Ulrich KA5CVH</u> <u>Marni Rosen KE5MSD</u>			
<b>6. RESOURCES ASSIGNED TO THIS PERIOD</b>									
<b>Tactical</b>		<b>Operator</b>	<b>Day 2 Saturday Site</b>	<b>Repeater</b>	<b>Start TIME</b>	<b>End TIME</b>			
TranStar	NW	KW5PA	TranStar	147.000	0600	1200			
TranStar	NW	K5SEK	TranStar	147.000	0600	1200			
HEC	NW	K5TBN	City of Houston Shepherd	146.840	0600	1200			
TranStar	SW	N5CFT	TranStar	147.000	1200	1800			
TranStar	SW	KG5NQD	TranStar	147.000	1200	1800			
TranStar	SW	N5EXP	TranStar	147.000	1200	1800			
HEC	SW	WP2AHG	City of Houston Shepherd	146.840	1200	1800			
TranStar	SE	KA5CVH	TranStar	147.000	1800	2400			
TranStar	SE	AD5CQ	TranStar	147.000	1800	2400			
HEC	SW	N5TQ	City of Houston Shepherd	146.840	1800	2400			
TranStar	SW	KT5SR	TranStar	147.000	2400	0600			
TranStar	SW	KD2DVG	TranStar	147.000	2400	0600			
TranStar	SW	KG5EQB	TranStar	147.000	2400	0600			
HEC	NW		City of Houston Shepherd	146.840	2400	0600			
Pasadena	SE		Pasadena EOC		1800	0600			
Pasadena	SE		Pasadena EOC		1800	0600			
<b>7. CONTROL OPERATIONS</b> We will take information from the field for unusual weather or situations. "It's raining over here" is not what we are looking for.  We will check in with as many of the repeaters on our plan as we can, including outlying counties of District 1.									
<b>8. SPECIAL INSTRUCTIONS</b> All Ready Response Teams (RRTs) should request for needed assistance thru their Unit Emergency Coordinator (EC). All EC's should request for needed assistance from the District Emergency Coordinator (DEC).									
<b>9. DIVISION/GROUP COMMUNICATIONS SUMMARY</b>									
<b>FUNCTION</b>		<b>FREQ.</b>	<b>OFFSET</b>	<b>STONE</b>	<b>FUNCTION</b>		<b>FREQ.</b>	<b>OFFSET</b>	<b>STONE</b>
PRIMARY COMMAND	SIMPLEX REPEATER	147.000			BACKUP	SIMPLEX REPEATER	145.170		
		147.000	(+)	103.5			145.170	(-)	123.0
<b>DIV./GROUP TACTICAL</b>					<b>GROUND TO AIR</b>				
<b>PREPARED BY (ARRL STX 14 EC)</b> Jeffery A Walter – KE5FGA				<b>APPROVED BY (PLANNING SECT. CH.)</b>		<b>DATE</b> 24-Aug-2017		<b>TIME</b> 5:28 PM	





Note: The cone contains the probable path of the storm center but does not show the size of the storm. Hazardous conditions can occur outside of the cone.



## Hurricane Harvey

Friday August 25, 2017

1 AM CDT Intermediate Advisory 19A

NWS National Hurricane Center

## Current information:

Center location 25.6 N 95.1 W

Maximum sustained wind 105 mph

Movement NW at 10 mph

## Forecast positions:

● Tropical Cyclone ○ Post/Potential TC

Sustained winds: D < 39 mph

S 39-73 mph H 74-110 mph M > 110 mph

## Potential track area:



Day 1-3



Day 4-5

## Watches:

Hurricane

Trop Storm

## Warnings:

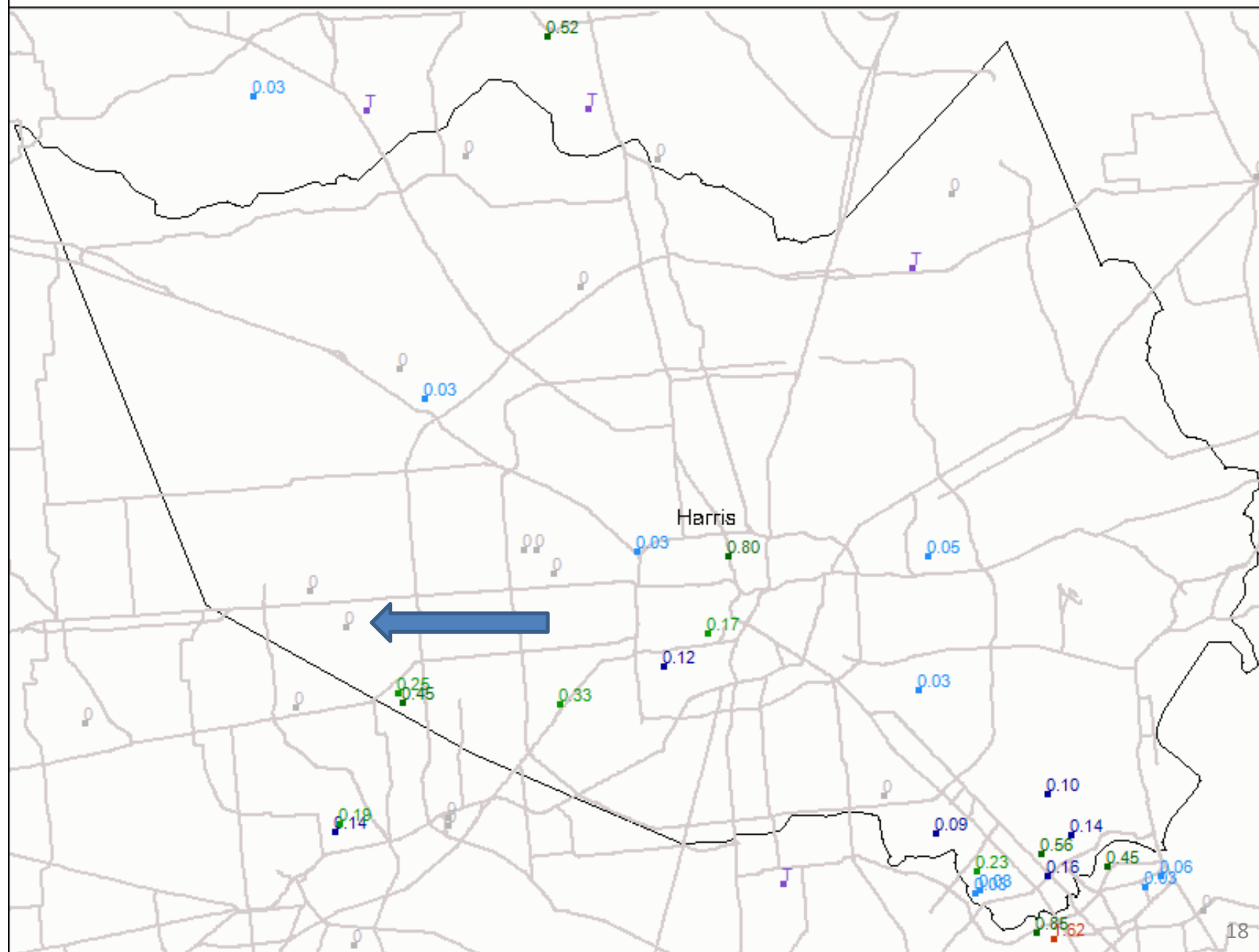
Hurricane

Trop Storm

Daily Precipitation (inches x.xx), for the 24 hour period ending ~7:00 am

Harris County, Texas 8/24/2017

0.0 Trace 0.01 - 0.08 0.09 - 0.16 0.17 - 0.40 0.41 - 0.97 0.98 - 1.46 1.47 - 1.62





**Incident Communications Plan, ICS Form 205**

<b>RADIO COMMUNICATIONS PLAN</b>		<b>1. Incident Name</b> <b>Hurricane Harvey</b>		<b>2. Date Prepared</b> <b>25-Aug-2017</b>	<b>3. Operational Period</b> <b>Date/Time</b> <b>Event Duration</b>
<b>5</b>					
<b>4. Basic Radio Channel Utilization</b>					
<b>Usage</b>	<b>Frequency – Offset – Tone</b>	<b>Call Sign</b>		<b>Assigned To</b>	<b>Remarks</b>
Brazoria County EOC	147.180 (+) 123.0	N9QXT	D1	Bowersmith W5SRG	
Chambers County	145.330 (-) 123.0	KK5XQ	D1	Anahuac	
Ft Bend County	145.490 (-) 123.0 444.525 (+) 123.0	KD5HAL	D1	Goldy K5GOL	EOC (EMROG)
Galveston County EOC	145.410 (-) 131.8	WR5GC	D1	Tallman WB5UZZ	GCECG
Liberty County	146.980 (-) 103.5	N5FJX	D1		KA5QDG Trustee
Montgomery County	147.020 (+) 136.5	W5CXO	D1	Taylor N5MDT	NE5TH Hayes
Waller County	146.720 (-) 123.0	K5IHK	D1	Sitton KD5JBT	KB5FLX Dietrich
Angelina County	146.940 (-) 141.3 147.220 (+) 100.0	W5IRP AE5VV	D2	Miles WD5EFY	ARES Repeater Doucette
Houston County	146.700 (-) 123.0 145.310 (-) 103.5 443.600 (+)	WA5EC W5DLC WA5FCL	D2	Sims N5RZQ	
Polk County	147.040 (+) 136.5	WB5HZM	D2	Herron KD5UAD	
San Jacinto County	147.040 (+) 136.5 145.350 (-) 131.8	WB5HZM	D2	Smith KO5K	
Trinity County	145.350 (-) 131.8	WD5TYL	D2	Miles WD5EFY	AE5VV Trustee
Walker County	147.180 (+) 136.5 442.525 (+) 127.3	W5SAM	D2	Connell KB5DTS	Primary Secondary
Hidalgo County	145.230 (-) 114.8 147.100 (+) 114.8 444.200 (+) 114.8	KC5WBG W5RGV KC5WBG	D3	Cain KG5MHK Bourne KB0VWG Cain KG5MHK	Allstar
Aransas	147.220 (+) 173.8		D4	Hargrave K5BV	
Nueces	147.060 (+) 107.2 146.820 (-) 107.2	N5CRP AD5CA	D4	Mireles AD5CA	K5GGB Trustee ARES/Skywarn
San Patricio (Coastal)	147.220 (+) 173.8 444.900 (+) 151.4	K5EJB K5EJB	D4	Hargrave K5BV	
San Patricio (Inner)	147.080 (+) 107.2	W5CRP	D4	Hargrave K5BV	
Kleberg County	146.620 (-) 107.2	W5KCA	D4	Schwartz KG5AYD	
Brazos County	443.525 (+) 127.3	KD5DLW	D5	Adamo KG5JRA	
Burleson County	147.160 (+) 88.5	K5ZY	D5	Adamo KG5JRA	
Grimes County	146.740 (+) 156.7 147.040 (+) 156.7	W5JSC	D5	Adamo KG5JRA	Navasota Hempstead
Leon County	147.280 (+) 123.0 146.780 (-) 103.5	W5UOK WA5GED	D5	Collins NT5CC	NFLARK system Centerville
Washington County	443.250 (+) 103.5		D5	Earls AF5MS	@ Brenham PD

Bandera County ARES	147.120 (+) 82.5	N5XO	D6	Lewis KE5MHJ	
Kerr County	146.980 (-) 162.2	N5HR	D6	Hipskind W0IHP	Kerrville
Kinney County	146.880 (-) 127.3 443.725 (+) 100.0	AA5KC	D6	Benham NF9B	
Medina County	145.290 (-) 162.2 443.350 (+) 141.3	KD5DX	D6	Hock KK5LO	Linked
Bastrop County	145.430 (-) 114.8 442.725 (+) 114.8 442.800 (+) 114.8 443.000 (+) 114.8	WB6ARE KG5EHU	D7	Patrick KD5ZRH	Linked
Caldwell County	145.150 (-) 136.5	AD5JT	D7	Wilmore KF5ACH	
Hayes County	147.050 (+) 114.8	KE5LOT	D7	Wilmore KF5ACH	
Lee County	145.430 (-) 114.8 442.800 (+) 114.8 443.000 (+) 114.8	WB6ARE KG5EHU	D7	Patrick KD5ZRH	Linked
Travis County	146.940 (-) 107.2 147.360 (+) 131.8	W5KA	D7	Spruiell KG5DLD	Primary Backup
Williamson County	146.640 (-) 162.2 145.450 (-) 162.2 147.080 (+) 100.0	N5TT N5TT NA6M	D7	Jones K5LGV	Linked Linked Backup
Blanco County	147.020 (+) 88.5 145.290 (-) 114.8 145.390 (-) 103.5	K5HLA	D8	Jones KA5GIL	K5JTM Trustee
Burnet County	147.020 (+) 88.5 145.290 (-) 114.8 145.390 (-) 103.5	K5HLA	D8	Jones KA5GIL	K5JTM Trustee
Llano County	147.020 (+) 88.5 145.290 (-) 114.8 145.390 (-) 103.5	K5HLA	D8	Jones KA5GIL	K5JTM Trustee
Jasper County	147.000 (-) 118.8 442.200 (+) 192.8	W5JAS	D9	McGilbery K5DDM	LAARC
Jefferson County	147.200 (+) 118.8 147.300 (+) 103.5	KC5YSM W5HF	D9	Mahaney N5WKM	Primary Backup
Newton County	147.000 (-) 118.8 442.200 (+) 192.8	W5JAS	D9	McGilbery K5DDM	LAARC
Orange County	147.180 (+) 103.5	W5ND	D9	Wilson N5MTX	
Sabine County	146.900 (-)	N5SAB	D9	Lloyd W5KKL	
Tyler County	147.220 (+) 100.0	WD5YTL	D9	Toparcean AE5VV	AE5VV Trustee
Calhoun County	147.020 (+) 103.5	K5SBR	D10	Hargrove AB5AS	
Goliad County	146.740 (-) 103.5	WB5MCT	D10	Baker W5DY	
Jackson County	444.650 (+) 103.5	K5SOI	D10	Taylor KE5HAM	
Matagorda County	146.720 (-) 146.2	W5WTM	D10	Gangluff WB8FVB	Matagorda, Wharton, W Brazoria, and SW Fort Bend
Victoria County	145.190 (-) 103.5 145.130 (-) 103.5	W5DSC K5SOI	D10	Turner N5HV	
Atascosa County			D12	Byrd KF5WUH	

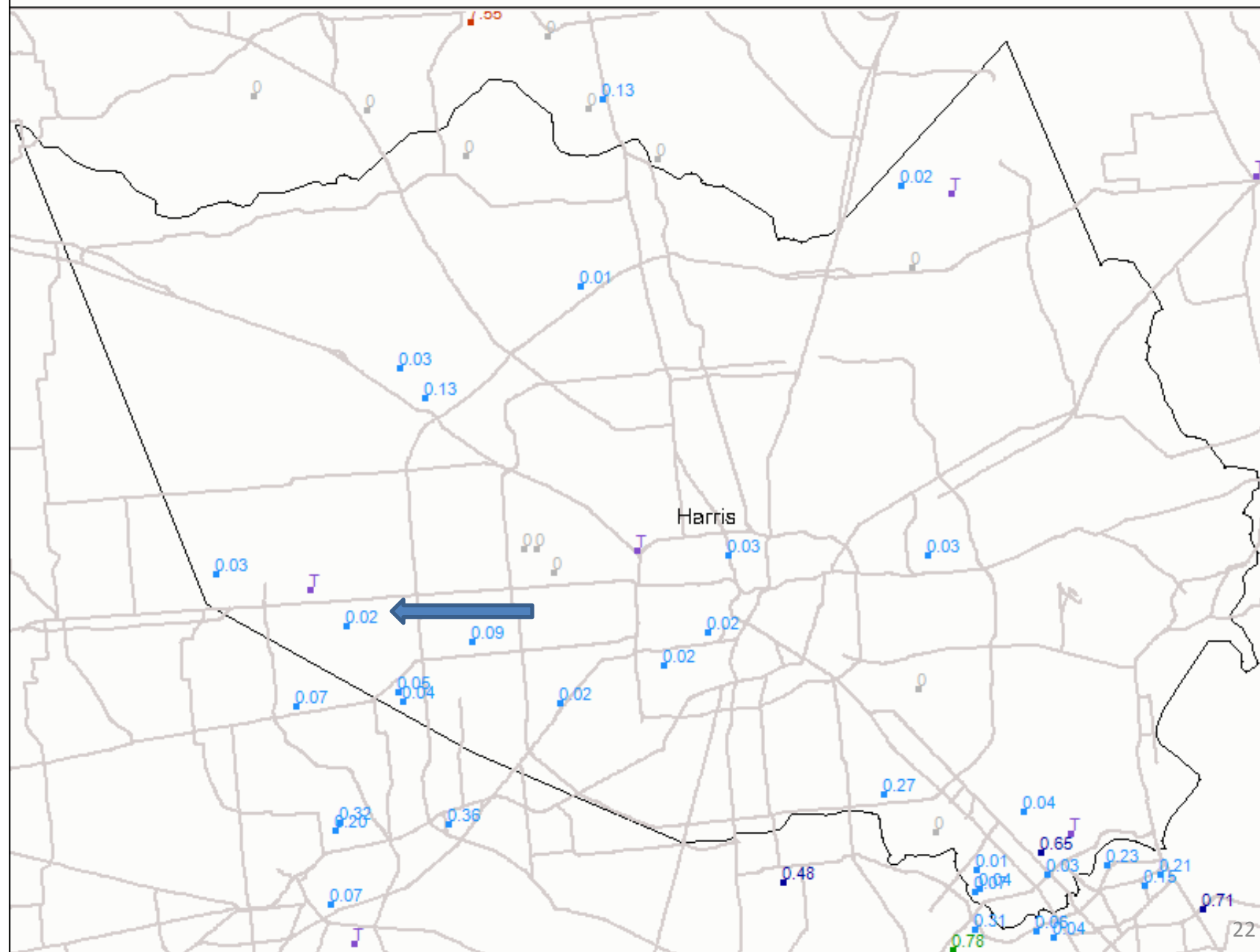
Bexar County	147.180 (+) 103.5 147.380 (+) 162.2 146.940 (-) 179.9 443.025 (+) 82.5 145.350 (-) 82.5	K5EOC K5EOC K5EOC N5XO N5XO	D12	Lewis KE5MHJ	Primary Backup Skywarn Shelter Alamo Area
Guadalupe County	146.760 (-) 141.3	WA5GC	D12	Leibovitz KF5OYI	
Kendall County			D12		
Dimmit County	443.300 (+) 100.0 146.740 (-) 123.0	W5EVH AF5EK	D13	Hearne AF5EK	
Maverick County	442.100 (+) 100.0 146.640 (-) 100.0	N5UMJ	D13	Maldonado N5UMJ	Allstar linked
Webb County	146.940 (-) 100.0	W5EVH	D13	Letney AL5J	STX Link System
Zavala County	443.300 (+) 100.0 146.740 (-) 123.0	W5EVH AF5EK	D13	Hearne AF5EK	
Harris – NE	147.280 (+) 103.5	W5SI	D14	Igoe KF5VIK	KM5I Trustee
Harris – SE	146.640 (-) None	K5HOU	D14	Fletcher AD5CQ	AB5SS Trustee
Harris – SW	145.190 (-) 123.0	W5BSA	D14	Sepaniac N5TQ	K4DA Trustee
Harris - NW	146.720 (-) 123.0	K5IHK	D14	Bounds KD5CA	KB5FLX Trustee
Harris	147.000 (+) 103.5	KR5K	D14	Walter KE5FGA	WD5X Trustee
Cameron County	147.100 (+) 114.8	W5RGV	D15	Bourne KB0VWG	Allstar
Kenedy County	146.620 (-) 107.2	W5KCA	D15	Schwartz KG5AYD	Allstar
Willacy County	147.100 (+) 114.8	W5RGV	D15	Bourne KB0VWG	Allstar
5. Prepared by ARRL STX SEC Jeffery A Walter – KE5FGA					

August 25 9:36pm

Daily Precipitation (inches x.xx), for the 24 hour period ending ~7:00 am

Harris County, Texas 8/25/2017

0.0 Trace 0.01 - 0.38 0.39 - 0.76 0.77 - 1.89 1.90 - 4.53 4.54 - 6.80 6.81 - 7.55



## Activity Log (ICS 214)

1. Incident Name: Hurricane Harvey		2. Operational Period: Date From: 8/25/17 Time From: 1800		Date To: 8/26/17 Time To: 0000
3. Name: George Fletcher, AD5CQ		4. ICS Position: Radio operator		5. Home Agency (and Unit): Southeast Unit ARES
6. Resources Assigned:				
Name		ICS Position		Home Agency (and Unit)
7. Activity Log:				
Date/Time	Notable Activities			
1730	Arrive at Transtar radio room, checkin, orientation			
1818	W5PAS checkin on 147.000			
1900	Attended EOC briefing. Reported amateur radio in contact with surrounding EOCs.			
1950	Received Winlink message from W5PAS and sent reply.			
2100	On 147.000: no outgoing traffic. KF5WCR, KD5CQ check in			
2151	KE5KTV checkin, no traffic			
2155	KG5EQB checkin, no traffic			
2200	KT5SR arrives for 00:00 shift change			
2210	N5TQ checkin, no traffic			
2225	Joey Clements offers option to dismiss next shift until 06:00 shift, verbal report to Joey Clements that Joey Davidson (KG5TBP) has not yet telephoned his safe arrival.			
2234	N5TQ arrives for 00:00 shift change			
2345	KD5CQ. Andrew at CoH is closing his shift. No operators will be on duty until 0600 hrs.			
0000	Shift change, checked out from Transtar			

ICS 214 from George Fletcher AD5CQ  
6 hour scheduled shift ends at Midnight August 25.



Note: The cone contains the probable path of the storm center but does not show the size of the storm. Hazardous conditions can occur outside of the cone.



### Hurricane Harvey

Saturday August 26, 2017

1 AM CDT Intermediate Advisory 23A

NWS National Hurricane Center

### Current information: ●

Center location 28.2 N 97.0 W

Maximum sustained wind 125 mph

Movement NW at 6 mph

### Forecast positions:

● Tropical Cyclone ○ Post/Potential TC

Sustained winds: D < 39 mph

S 39-73 mph H 74-110 mph M > 110 mph

### Potential track area:



Day 1-3



Day 4-5

### Watches:



Hurricane



Trop Storm

### Warnings:



Hurricane

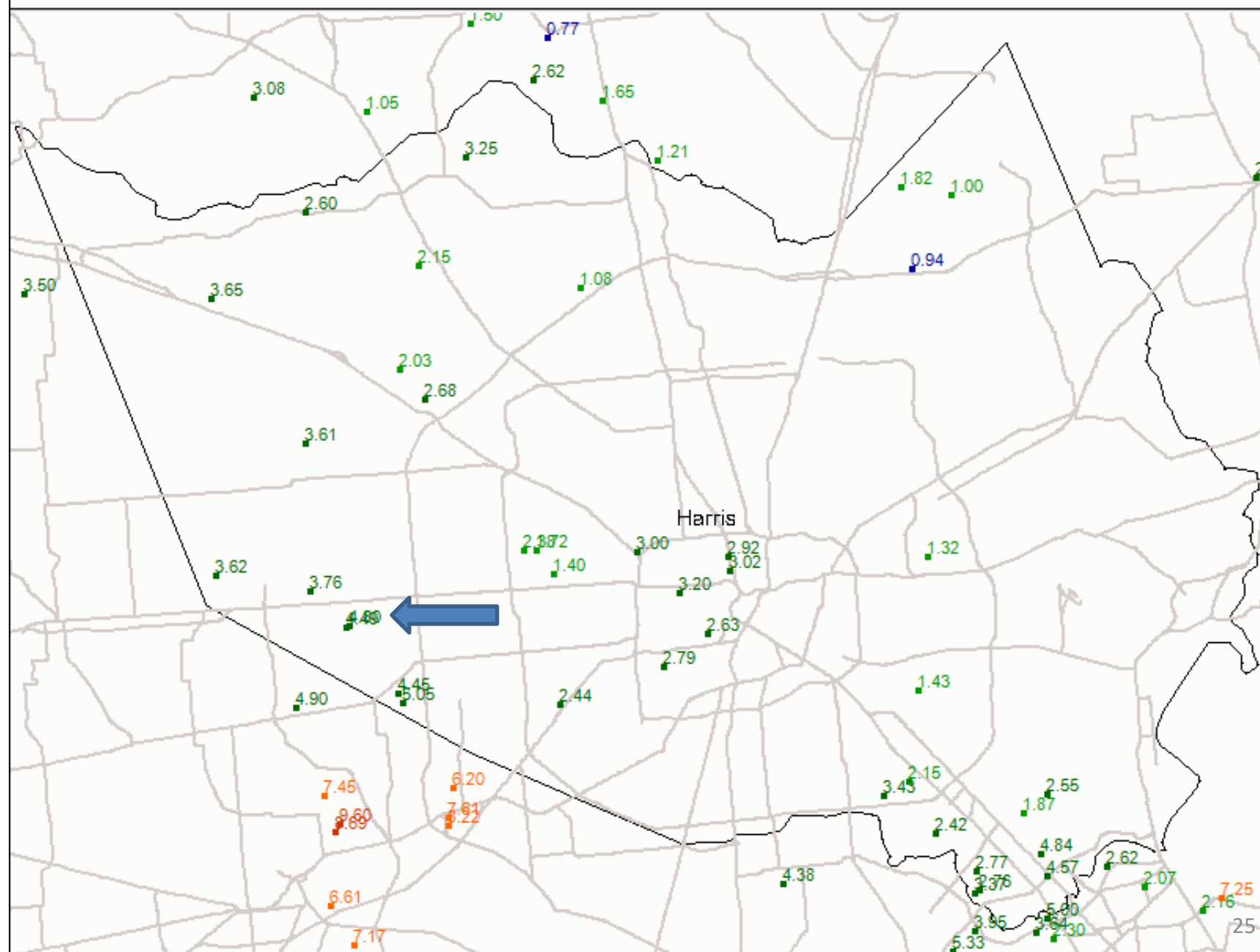


Trop Storm

Daily Precipitation (inches x.xx), for the 24 hour period ending ~7:00 am

Harris County, Texas 8/26/2017

0.0 Trace 0.01 - 0.48 0.49 - 0.96 0.97 - 2.40 2.41 - 5.76 5.77 - 8.64 8.65 - 9.60





Hello EC's, DEC's, ASECs:

A formal request for amateur radio support at shelters in the section is eminent.

Once the list is received we will ask the local county EC serving the shelter to provide the resources needed.

Although not finalized, the shelter would provide: inside space at the shelter, food, sleeping area and gas reimbursement.

The amateur is covered by the national MOU with the Red Cross and the ARRL, therefore does not need to formally become a Red Cross member volunteer.

<http://www.arrl.org/news/arrl-signs-new-memorandum-of-understanding-with-the-american-red-cross>

This link is provided by Kevin McCoy for finding Red Cross Shelters

[http://maps.redcross.org/website/maps/ARC\\_Shelters.html](http://maps.redcross.org/website/maps/ARC_Shelters.html)

Regards,

Jeff Walter KE5FGA  
ARRL STX SEC  
TX RACES 16-201-U  
281-467-8595 Cell

August 26      08:36am

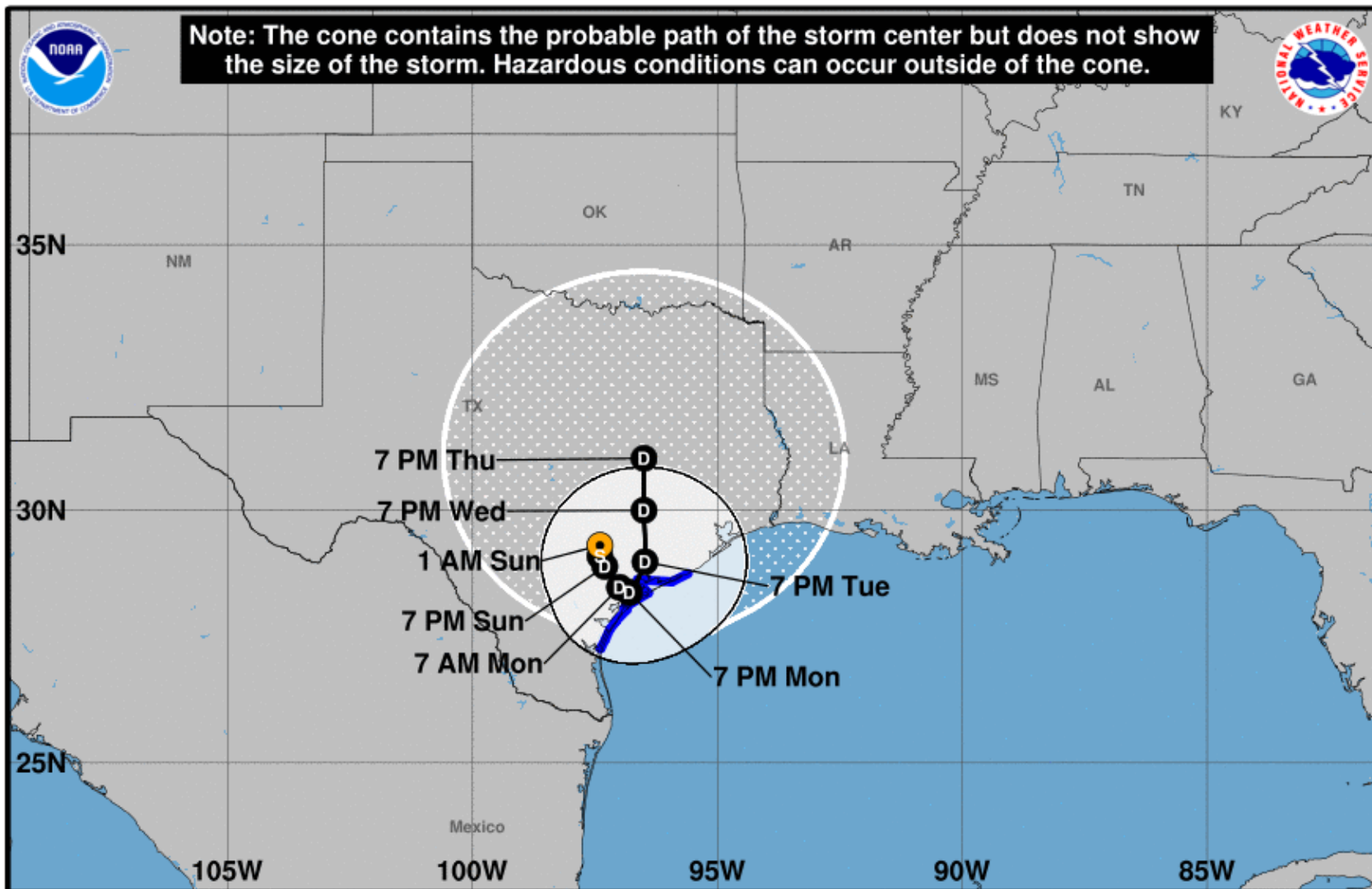
## Amateur Radio Communications Teams Resource Types:

Each platform must have the minimums listed below to qualify:

- Type 4:
  - Voice radios, operating on 2 Meters and 70 Cm Amateur Radio bands
- Type 3:
  - Voice radios, operating on 2 Meters and 70 Cm Amateur Radio bands
  - Voice capabilities on the HF Amateur Radio bands
- Type 2:
  - Voice radios, operating on 2 Meters and 70 Cm Amateur Radio bands
  - Voice capabilities on the HF Amateur Radio bands
  - Data capabilities on all of the bands, to include but not be limited to Winlink Packet(2M/70Cm),Winlink HF (Pactor1 and 2 or WINMOR)
- Type 1:
  - Voice radios, operating on 2 Meters and 70 Cm Amateur Radio bands
  - Data capabilities on all of the bands, to include but not be limited to Winlink Packet (2M/70 Cm),Winlink HF Pactor1, 2 and 3



Note: The cone contains the probable path of the storm center but does not show the size of the storm. Hazardous conditions can occur outside of the cone.



### Tropical Storm Harvey

Sunday August 27, 2017

1 AM CDT Intermediate Advisory 27A

NWS National Hurricane Center

### Current information:

Center location 29.3 N 97.4 W

Maximum sustained wind 45 mph

Movement: Stationary

### Forecast positions:

● Tropical Cyclone ○ Post/Potential TC

Sustained winds: D < 39 mph

S 39-73 mph H 74-110 mph M > 110 mph

### Potential track area:



Day 1-3



Day 4-5

### Watches:

Hurricane

Trop Storm

### Warnings:

Hurricane

Trop Storm

# Dr397-18dst-cm2@redcross.org

- **District 1 (north portion of Texas Gulf Coast Region)**

- Walker County Storm Shelter, 455 State Highway 75 N, Huntsville, TX 77320
- Bay Harbor Methodist Church, 3459 Deke Slayton Expressway, Galveston, TX 77573
- Huntsville High School, 515 FM 2821 E, Huntsville, TX 77320
- Knights of Columbus, 1310 Hwy 90 West, Sealy, TX 77474
- MO Campbell Education Center, 1865 Aldine Bender Road, Houston, TX 77032
- CLOSED: Chinese Community Center, 9800 Town Park, Houston, TX 77036
- Sacred Heart Catholic Church, 507 S 4<sup>th</sup> St, Richard, TX
- ADDED:

- **First Baptist Church Tomball**      401 Oxford Street TOMBALL, TX 77375

- **First Baptist Church**      400 WEST HANSON STREET CLEVELAND, TX 77327

- **District 2 (south portion of Texas Gulf Coast Region)**

- Bloomington ISD Dome, 200 N Leonard St, Bloomington, TX 77951
- Callen High School, 4001 Wildcat Dr, Corpus Christi, TX 78410

- **Cuero Intermediate School**, 502 Park Heights, Cuero, TX 77954

- Hebronville High School, 210 Longhorn Lane, Hebronville, TX 78361

- Knights of Columbus, 1050 Cecilia St, Alice, TX 78332

- Seale Junior High, 401 E Ave G, Robstown, TX 78380

- St Joseph HS Dome, 110 E Red River, Victoria, TX 77901

- St. Paul Lutheran Church, 234 N Gohmert St, Yorktown, TX 78164

- ADDED:

- **Tuloso Midway High**      2653 McKenzie Road, Corpus Christi 78460

# Rules for ARES at the shelter

- Each of the Amateur Radio operators must have in their possession an ARES badge and wear an ARES/ARRL or plain shirt or vest . The operators need to be careful driving to a shelter. The shelters are open to the public and we would not expect limitations accessing the shelter.
- The operator would not be able to access client or private areas of the shelter.
- We are expecting the need for support to continue until the risk of loss of communication has passed. Current thinking is next Friday, 9/1. Coordination of the work shifts is left to the discretion of the local resources.
- The Amateur Radio operators will be provided with meals at the shelter. They will have an area in the shelter to set up their radio equipment and they would not be required to work out of their vehicle. Sheltering would be arranged with the shelter manager.
- Reimbursement for fuel is available but would need to be coordinated post-event.
- Additional Red Cross supplied amateur radio equipment may become available as early as Monday.



**Public Service  
Liaison  
The South Texas Section  
presents to and recognizes  
David Underwood  
WB5HJV**

**Hurricane Harvey recovery  
American Red Cross  
Houston Chapter  
Aug 25 - Sept 3, 2017**



**ARRL** The national association for  
**AMATEUR RADIO®**

# Assignment List, ICS Form 204

<b>1. BRANCH</b> Logistics		<b>2. DIVISION/GROUP</b> ARRL STX District 14		<b>SUB ASSIGNMENT LIST</b>					
<b>3. INCIDENT NAME</b> Hurricane Harvey			<b>4. OPERATIONAL PERIOD</b> DATE <u>27-Aug-2017</u> TIME <u>0600 to 0600 local</u>						
<b>5. OPERATIONAL PERSONNEL</b>									
<b>District EC</b> <b>District AEC</b>		<u>Jeffery Walter KE5FGA</u> <u>Ben Gillis K5TBN</u>		<b>District PIO</b> <b>District CERT Liaison</b>		<u>Mike Ulrich KA5CVH</u> <u>Mami Rosen KE5MSD</u>			
<b>6. RESOURCES ASSIGNED TO THIS PERIOD</b>									
<b>Tactical</b>	<b>Unit</b>	<b>Operator</b>	<b>Day 3 Sunday Site</b>	<b>Repeater</b>	<b>Start TIME</b>	<b>End TIME</b>			
TranStar	NW	KG5IRM	TranStar	147.000	0600	1200			
TranStar	SW	WT5MW	TranStar	147.000	0600	1200			
HEC	NW	N5CFT	City of Houston Shepherd	146.840	0600	1200			
TranStar	SW	N5TQ	TranStar	147.000	1200	1800			
TranStar	SW	KG5NOV	TranStar	147.000	1200	1800			
HEC	NW	KD5CQ	City of Houston Shepherd	146.840	1200	1800			
TranStar	NW	N5EXP	TranStar	147.000	1800	2400			
TranStar	Dist	KE5FGA	TranStar	147.000	1800	2400			
TranStar	SE	AD5CQ	TranStar	147.000	1800	2400			
TranStar	SE	KG5QLA	TranStar	147.000	1800	2400			
HEC	NW	N5TCB	City of Houston Shepherd	146.840	1800	2400			
TranStar	SW	KD2DVG	TranStar	147.000	2400	0600			
TranStar	NW	KW5PA	TranStar	147.000	2400	0600			
TranStar	NW	K5SEK	TranStar	147.000	2400	0600			
HEC	NW		City of Houston Shepherd	146.840	2400	0600			
Red Cross	SW	W5LDK	Red Cross HQ	147.000	0600	1800			
Red Cross	SW	W5OFT	Red Cross HQ	147.000	0600	1800			
Red Cross	NW	WB5HJV	Red Cross HQ	147.000	0600	1800			
<b>7. CONTROL OPERATIONS</b> We will take information from the field for unusual weather or situations. "It's raining over here" is not what we are looking for.  We will check in with as many of the repeaters on our plan as we can, including outlying counties of District 1.									
<b>8. SPECIAL INSTRUCTIONS</b> All Ready Response Teams (RRTs) should request for needed assistance thru their Unit Emergency Coordinator (EC). All EC's should request for needed assistance from the District Emergency Coordinator (DEC).									
<b>9. DIVISION/GROUP COMMUNICATIONS SUMMARY</b>									
<b>FUNCTION</b>		<b>FREQ.</b>	<b>OFFSET</b>	<b>ZONE</b>	<b>FUNCTION</b>		<b>FREQ.</b>	<b>OFFSET</b>	<b>ZONE</b>
PRIMARY COMMAND	SIMPLEX	147.000			BACK UP	SIMPLEX	145.170		
	REPEATER	147.000	(+)	103.5		REPEATER	145.170	(-)	123.0
<b>DIV./GROUP TACTICAL</b>					<b>GROUND TO AIR</b>				
<b>PREPARED BY (ARRL STX 14 EC)</b> Jeffery A Walter – KE5FGA				<b>APPROVED BY (PLANNING SECT. CH.)</b>		<b>DATE</b> 26-Aug-2017		<b>TIME</b> 10:28 AM	



**Public Service  
Liaison  
The South Texas Section  
presents to and recognizes  
Michael Nault  
W5OFT**

—  
**Hurricane Harvey recovery  
American Red Cross  
Houston Chapter  
Aug 25 - Sept 5, 2017**



**ARRL** The national association for  
**AMATEUR RADIO®**



Public Service Mutual Aid  
The South Texas Section  
presents to and recognizes

**Louis Stanton**  
**K5GBX**



Hurricane Harvey recovery  
Red Cross Shelter  
Cuero Texas  
Aug 27-28, 2017

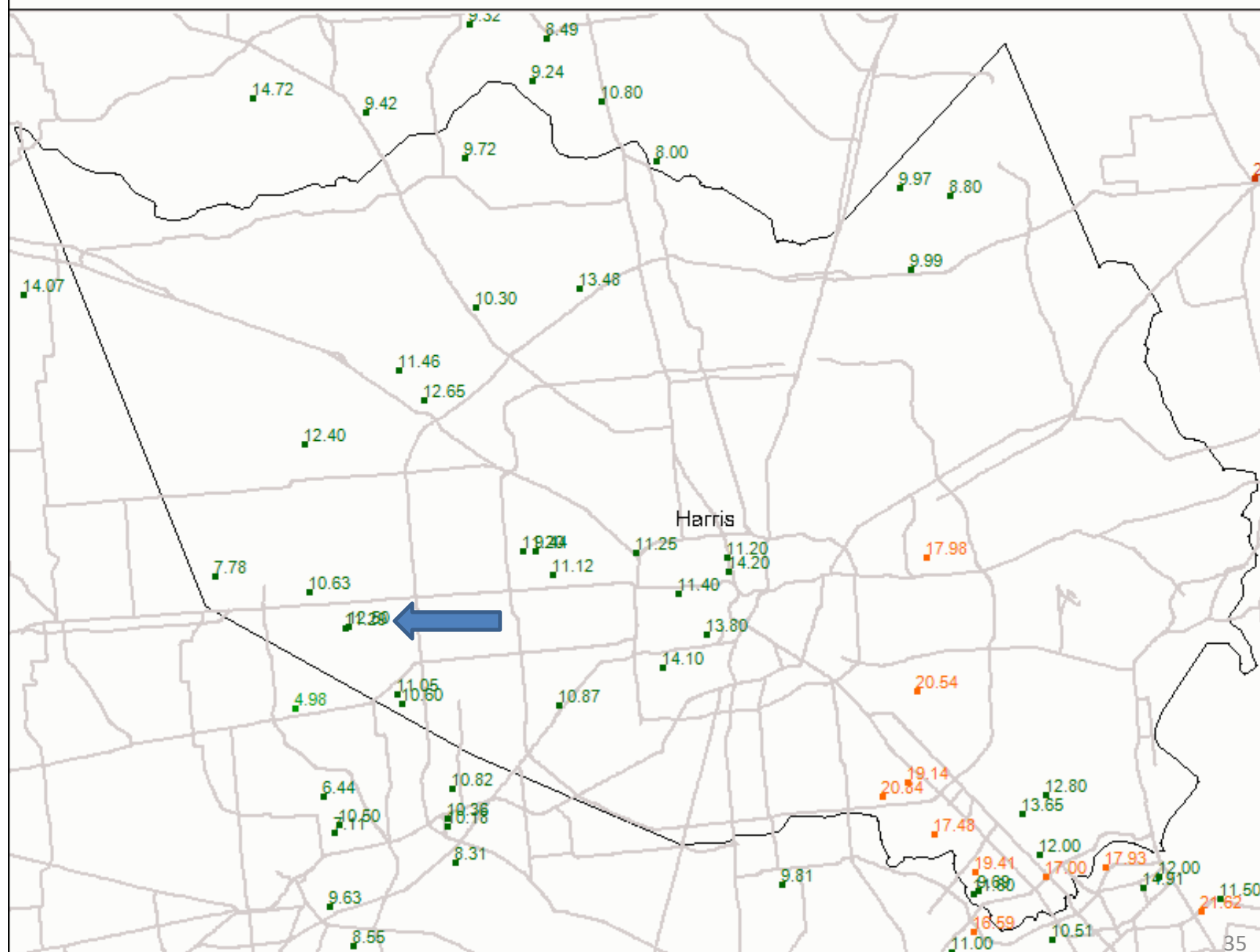


**ARRL** The national association for  
**AMATEUR RADIO®**

Daily Precipitation (inches x.xx), for the 24 hour period ending ~7:00 am

Harris County, Texas 8/27/2017

0.0 Trace 0.01 - 1.25 1.26 - 2.50 2.51 - 6.25 6.26 - 15.00 15.01 - 22.50 22.51 - 25.00



# Wide Area VHF Nets

Liberty, Chambers, Galveston, Brazoria,  
Ft. Bend, Waller, Montgomery  
and Harris Counties

Net notices sent via STX paging system

August 27-30      7:00pm

CQ.....CQ.....CQ.....

This is <KE5FGA> **Kilo Echo 5 Foxtrot Golf Alpha**, primary net control station for tonight's net. My name is Jeff, located I-10 Mason Road in far West Harris County. Is tonight's backup net control station on frequency and what is your location?

Tonight, we are using the 147.000 repeater, with the permission of the repeater trustee Lance Rumfield WD5X. This repeater requires a sub-audible tone of 103.5 Hertz for access, with a positive offset. If your transmitter does not have this tone, please transmit simplex on the repeater output frequency. If we can, have some stations that will listen on the repeater input frequency (147.600) for relays to net control.

This net is open to all amateurs in the surrounding community. This net is not limited to ARES members. ARES, CERT, MARS, RACES, REACT, no affiliation, Where ever you may be located within the sound of my voice, all are welcome and encouraged to check in.

This is a directed net; all stations are requested to remain on frequency until recognized and location identified by net control. You are encouraged to check into as many nets as possible. Please refer to page 5 of the EAP for a listing of all nets. If you are located at a served agency, please state the agency name.

The first objective of these nets is to identify repeaters available for use by local amateurs that are capable of providing effective communications.

We will start with

District 1 Liberty County. A Alpha thru Z Zulu

District 1 Chambers County

District 1 Galveston County

District 1 Brazoria County

District 1 Ft. Bend County

District 1 Waller County

District 1 Montgomery County

Any others from District 1 before we start with Harris County

Harris County Northeast members

Harris County Southeast members

Harris County Southwest members

Harris County Northwest members

Any stations that I have not acknowledged

## Net Control Script Template

August 27      7:00pm

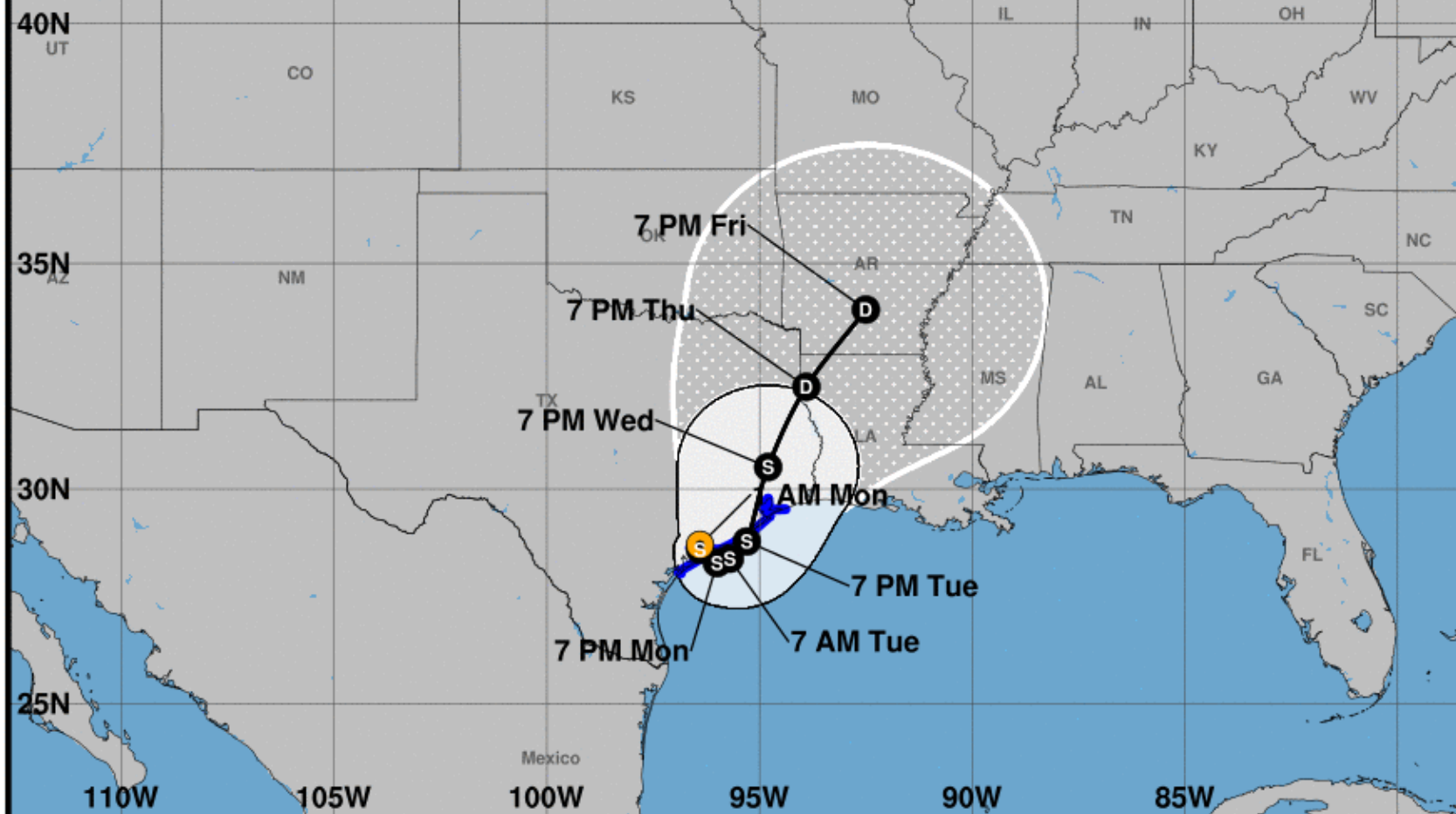
Phone reports from Mark Mireles  
AD5CA for the Corpus Christi area:  
Rockport badly damaged. No  
request for amateur assistance  
received from county officials.

August 27





Note: The cone contains the probable path of the storm center but does not show the size of the storm. Hazardous conditions can occur outside of the cone.



### Tropical Storm Harvey

Monday August 28, 2017

1 AM CDT Intermediate Advisory 31A

NWS National Hurricane Center

### Current information: ●

Center location 28.7 N 96.4 W

Maximum sustained wind 40 mph

Movement ESE at 3 mph

### Forecast positions:

● Tropical Cyclone ○ Post/Potential TC

Sustained winds: D < 39 mph

S 39-73 mph H 74-110 mph M > 110 mph

### Potential track area:



Day 1-3



Day 4-5

### Watches:



Hurricane



Trop Storm

### Warnings:



Hurricane



Trop Storm

Evacuation order received from  
WB8FVB for Matagorda County  
No Fire, Police or Medical  
services until further notice

The flooding begins

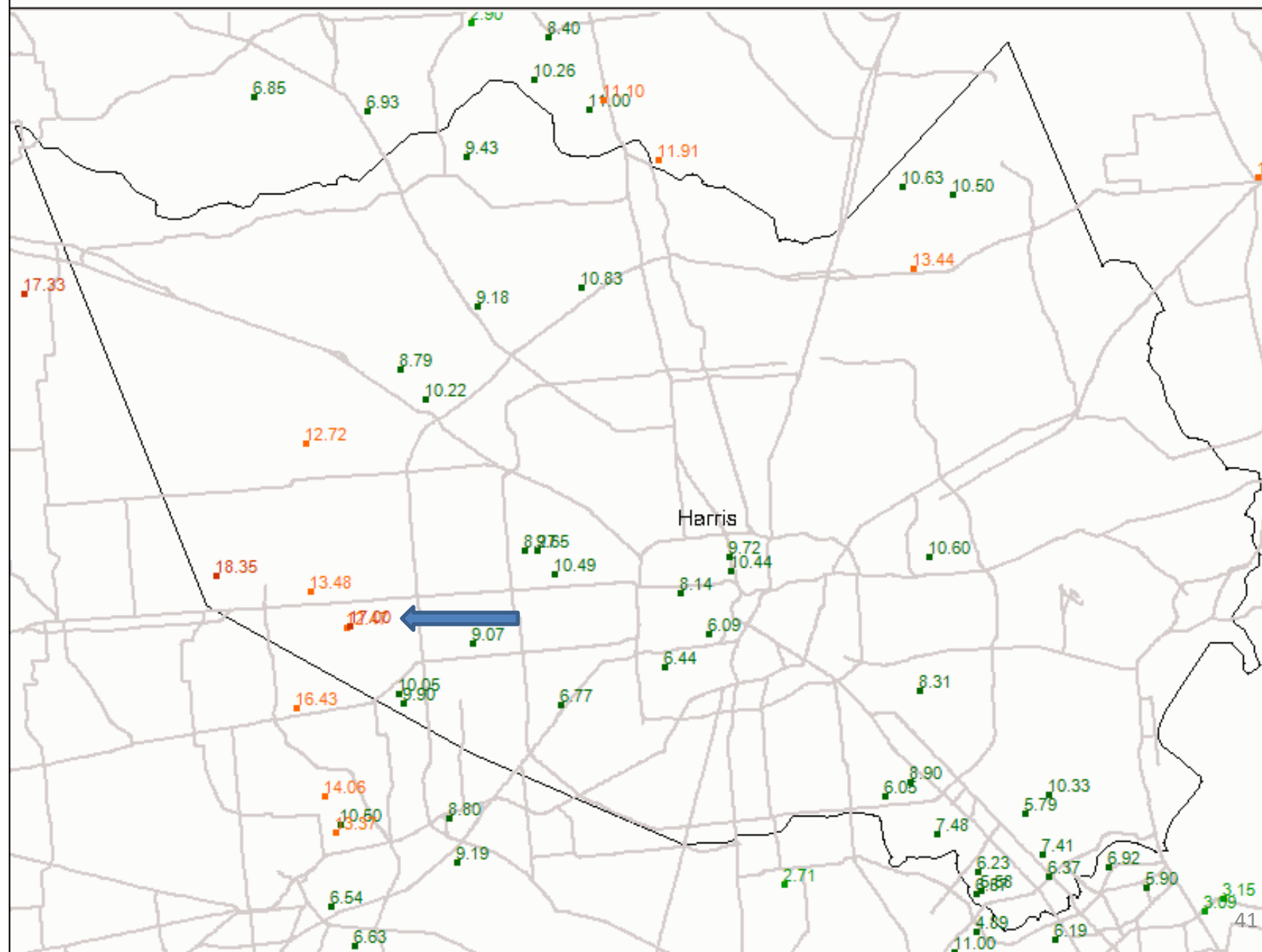
August 28 6:37am



Daily Precipitation (inches x.xx), for the 24 hour period ending ~7:00 am

Harris County, Texas 8/28/2017

0.0 Trace 0.01 - 0.92 0.93 - 1.84 1.85 - 4.59 4.60 - 11.01 11.02 - 16.52 16.53 - 18.35

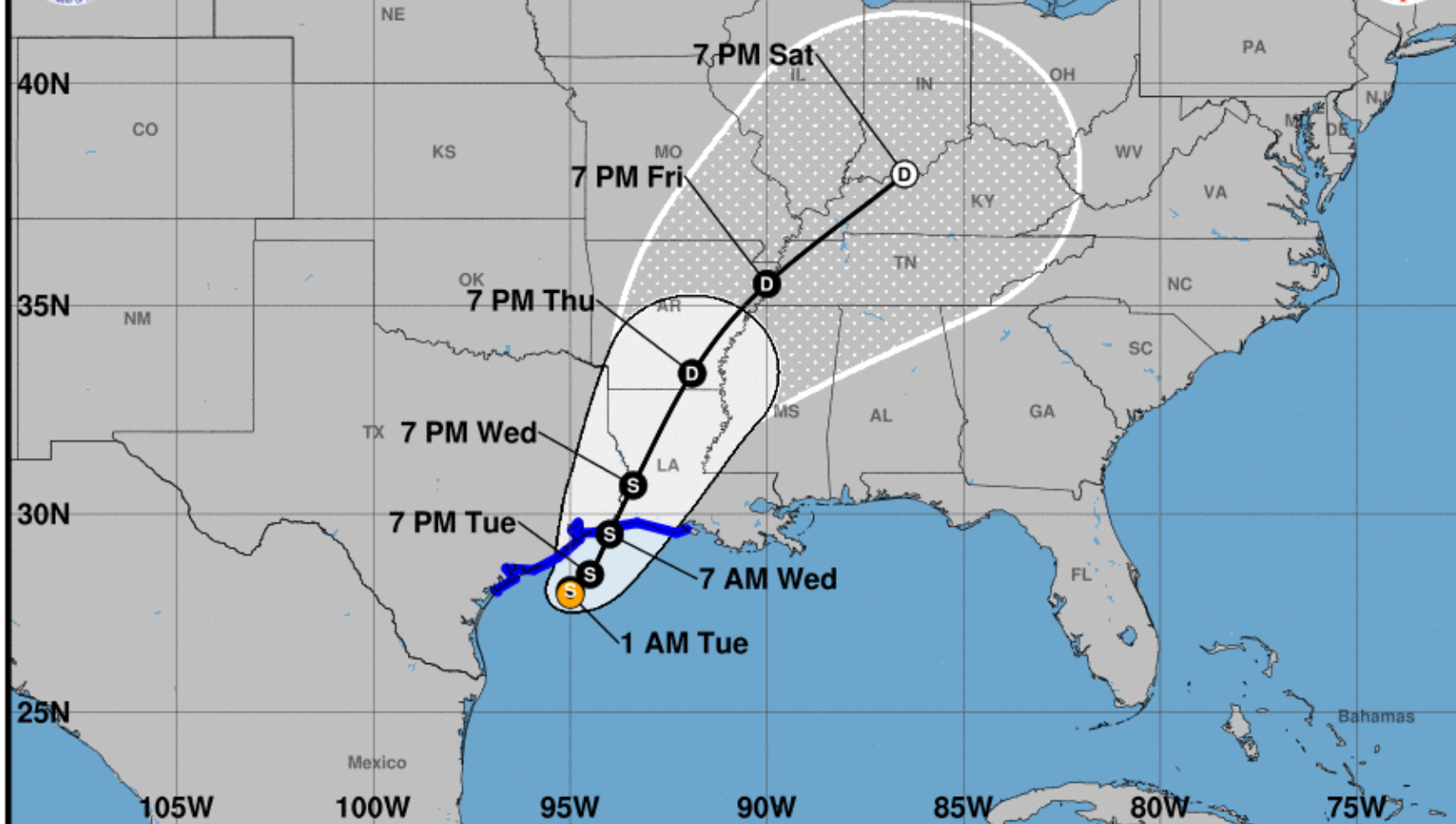


# Assignment List, ICS Form 204

<b>1. BRANCH</b> Logistics		<b>2. DIVISION/GROUP</b> ARRL STX District 14		<b>SUB ASSIGNMENT LIST</b>					
<b>3. INCIDENT NAME</b> Harvey			<b>4. OPERATIONAL PERIOD</b>  DATE 31-Aug-2017 TIME 0600 Thu to 0600 Fri						
<b>5. OPERATIONAL PERSONNEL</b>  <div style="display: flex; justify-content: space-between;"> <div> <b>District EC</b>  <b>District AEC</b> </div> <div> <u>Jeffery Walter KE5FGA</u>  <u>Ben Gillis K5TBN</u> </div> <div> <b>District PIO</b>    </div> <div> <u>Mike Ulrich KA5CVH</u>    </div> </div>									
<b>6. RESOURCES ASSIGNED TO THIS PERIOD</b>									
<b>Tactical</b>	<b>Unit</b>	<b>Operator</b>	<b>Day 7 Thursday Site</b>	<b>Repeater</b>	<b>Start TIME</b>	<b>End TIME</b>			
TranStar	NW	N5EXP	TranStar	147.000	0800	1600			
TranStar	NW	KD5CQ	TranStar	147.000	1500	2100			
TranStar	Harris	KE5FGA	TranStar	147.000	1830	2200			
TranStar	NW	K5TBN	TranStar	147.000	1600	2000			
TranStar	NW	KB5JTJ	TranStar	147.000	1600	2000			
TranStar	Williamson	KR4CKN	TranStar	147.000	0000	0600			
TranStar	Travis	W5MAE	TranStar	147.000	0000	0600			
NRG	SE	N5VEV	NRG Center	147.000	0600	1800			
NRG	SW	KT5SR	NRG Center	147.000	1800	0600			
NRG CB 19	Bexar	KF5FGK	NRG Stadium	147.000	0000	0600			
NRG	NW	KG5IRM	NRG Center	147.000	2300	0600			
TranStar	SW	N5CFT	TranStar	147.000	2100	2400			
TranStar	Montgomery	KF5CYG	TranStar	147.000	1930	2200			
TranStar	NW	K5IGI	NC from Home	147.000	2100	2400			
Red Cross	Harris	W5OFT	Red Cross HQ	145.170	0800 Th	1800 Th			
Red Cross	Harris	K9GEM	Red Cross HQ	145.170	0800 Th	1800 Th			
Red Cross	Harris	WB5HJV	Red Cross HQ	145.170	0800 Th	1800 Th			
<b>7. CONTROL OPERATIONS</b> Net controls must have current WebEOC access.  We will take but not record general information from the field. Life threatening situations will be logged into WebEOC.									
<b>8. SPECIAL INSTRUCTIONS</b>									
<b>9. DIVISION/GROUP COMMUNICATIONS SUMMARY</b>									
<b>FUNCTION</b>		<b>FREQ.</b>	<b>OFFSET</b>	<b>TONE</b>	<b>FUNCTION</b>		<b>FREQ.</b>	<b>OFFSET</b>	<b>TONE</b>
PRIMARY COMMAND	SIMPLEX REPEATER	147.000			BACKUP REPEATER	SIMPLEX REPEATER	145.370		
		147.000	(+)	103.5			145.370	(-)	123.0
<b>DIV./GROUP TACTICAL</b>					<b>GROUND TO AIR</b>				
<b>PREPARED BY (ARRL STX 14 EC)</b> Jeffery A Walter – KE5FGA				<b>APPROVED BY (PLANNING SECT. CH.)</b>		<b>DATE</b> 31-Aug-2017		<b>TIME</b> 5:23 PM	



Note: The cone contains the probable path of the storm center but does not show the size of the storm. Hazardous conditions can occur outside of the cone.



## Tropical Storm Harvey

Tuesday August 29, 2017

1 AM CDT Intermediate Advisory 35A

NWS National Hurricane Center

## Current information: ●

Center location 28.0 N 95.0 W

Maximum sustained wind 45 mph

Movement ESE at 5 mph

## Forecast positions:

● Tropical Cyclone ○ Post/Potential TC

Sustained winds: D < 39 mph

S 39-73 mph H 74-110 mph M > 110 mph

## Potential track area:



Day 1-3



Day 4-5

## Watches:



Hurricane



Trop Storm

## Warnings:



Hurricane

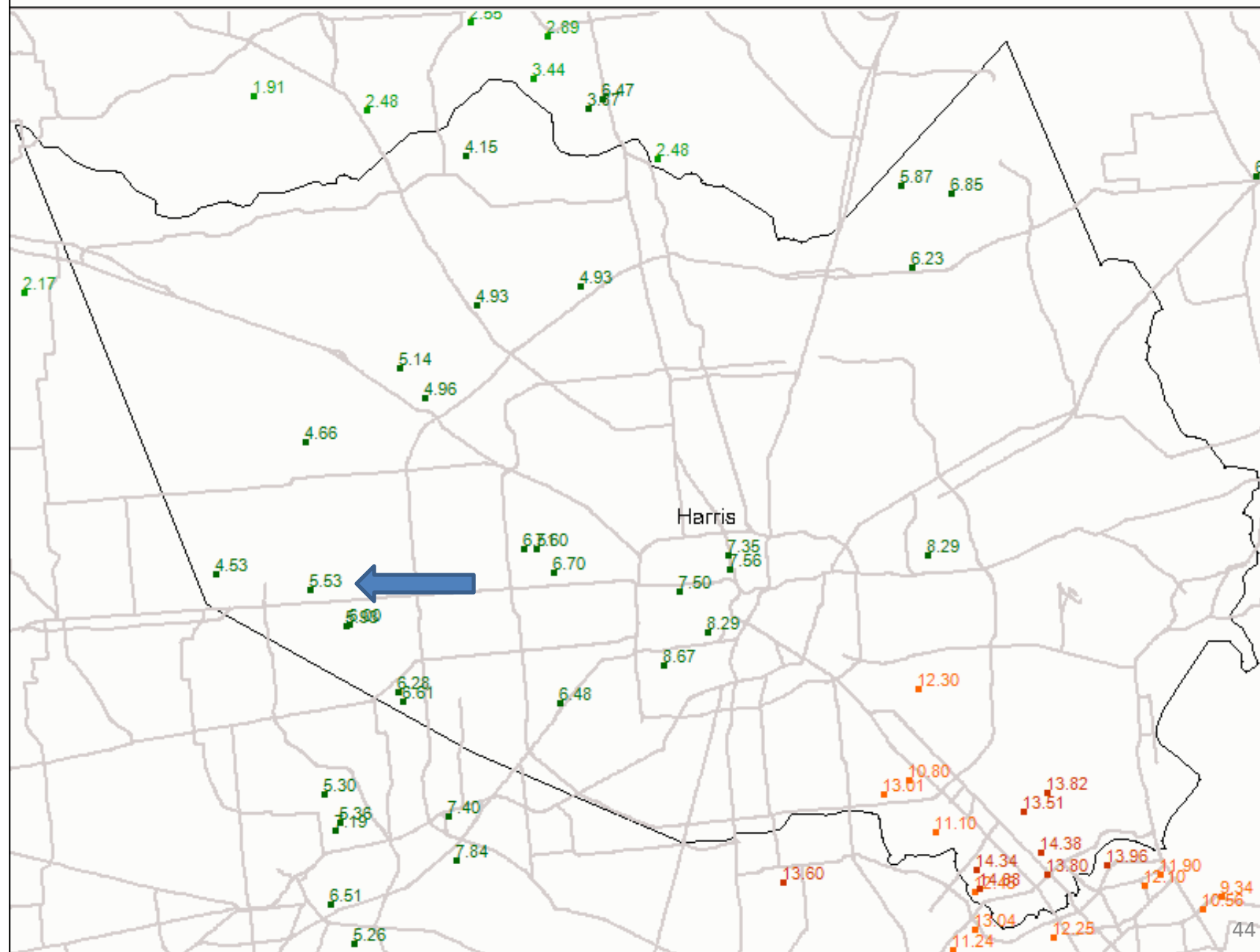


Trop Storm

Daily Precipitation (inches x.xx), for the 24 hour period ending ~7:00 am

Harris County, Texas 8/29/2017

0.0 Trace 0.01 - 0.74 0.75 - 1.48 1.49 - 3.71 3.72 - 8.92 8.93 - 13.38 13.39 - 14.88





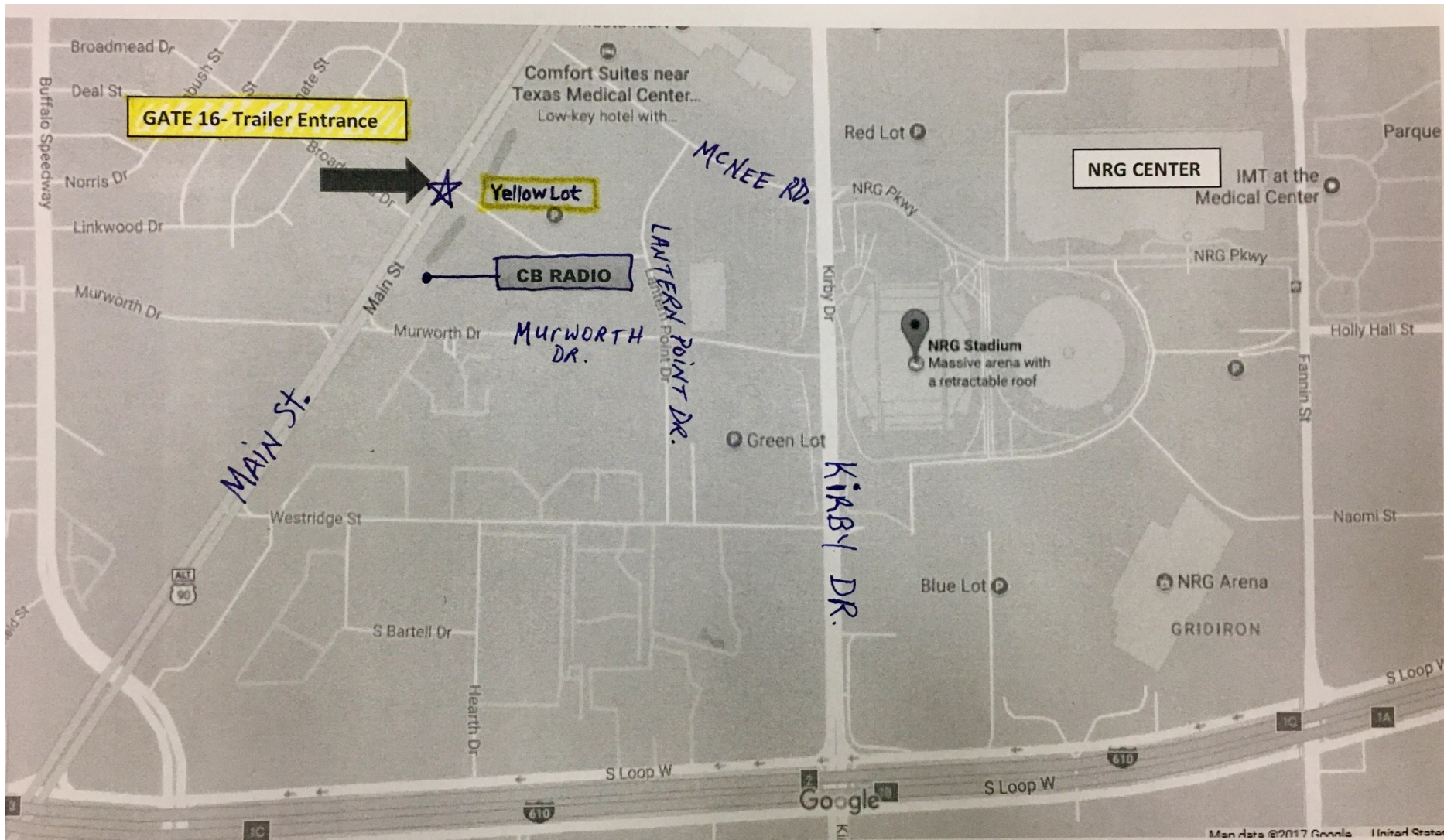
Public Service  
Liaison  
The South Texas Section  
presents to and recognizes  
**Gerald Muller**  
**K9GEM**

Hurricane Harvey recovery  
American Red Cross  
Houston Chapter  
Aug 29 - Sept 12, 2017



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**AMATEUR RADIO®**





Map of NRG CB Station



**Public Service Mutual Aid  
The South Texas Section  
presents to and recognizes  
Donald R Constant  
KF5FGK**



**Hurricane Harvey recovery  
The Houston NRG Yellow CB Lot  
Aug 30 - Sept 5, 2017**



**ARRL** The national association for  
**AMATEUR RADIO®**



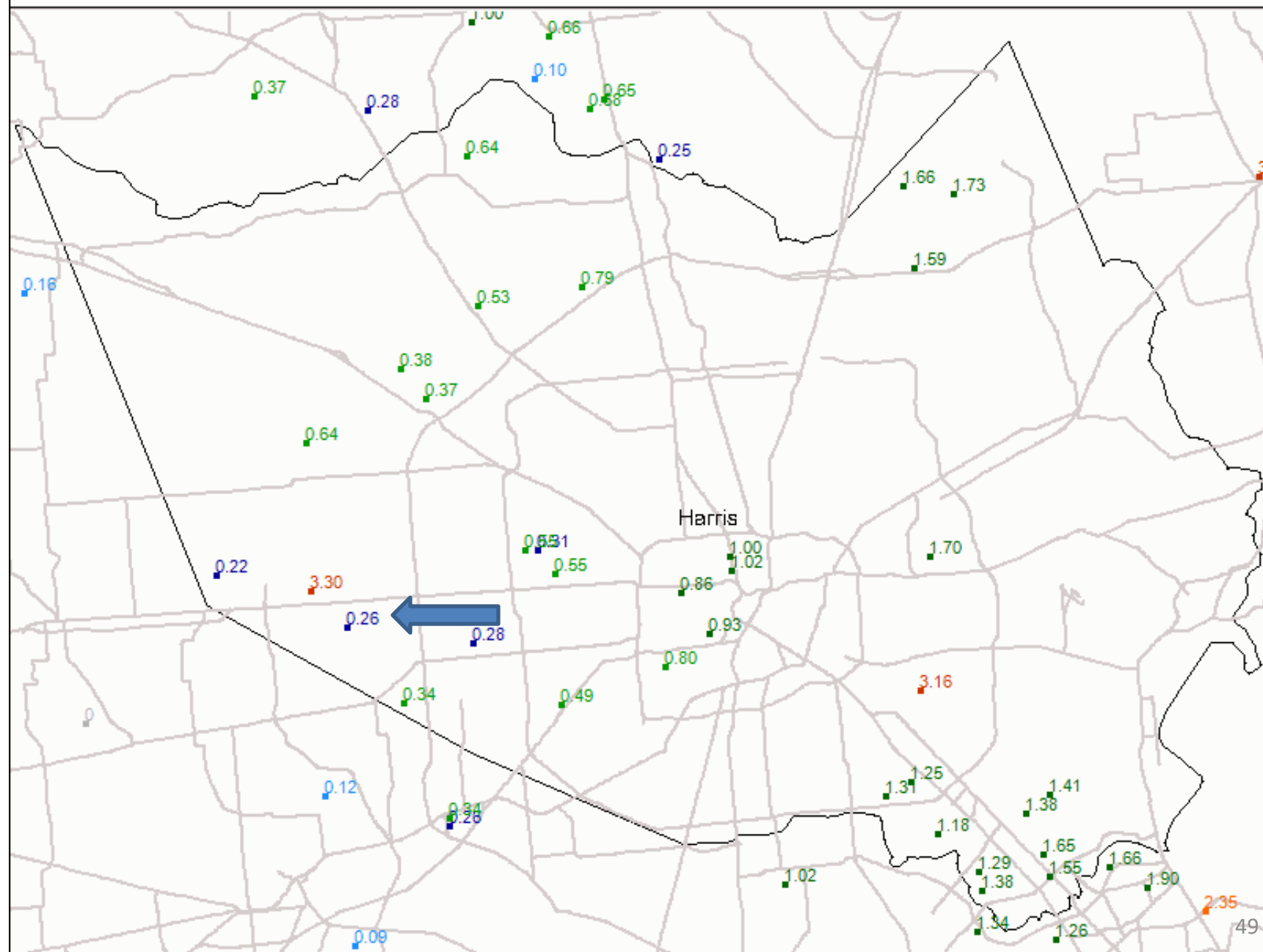




Daily Precipitation (inches x.xx), for the 24 hour period ending ~7:00 am

Harris County, Texas 8/30/2017

0.0 Trace 0.01 - 0.16 0.17 - 0.32 0.33 - 0.82 0.83 - 1.98 1.99 - 2.97 2.98 - 3.30



Anyone who chooses to not [evacuate] cannot expect to be rescued and should write their social security numbers in permanent marker on their arm so their bodies can be identified. The loss of life and property is certain.

**GET OUT OR DIE!**

Tyler County Emergency Management

August 30, 2017

The rain finally stopped in Harris at about 2 PM on Wednesday August 30. It did not rain again until September 19th.

For Hardin, Jefferson, Liberty, Newton,  
Orange and Tyler  
the rain continued

August 31      6:00am

All Harvey recovery activity moved to the NRG site on September 1.

NRG Center – Shelter for non-Harris  
NRG CB Lot – Food, Water, Ice  
NRG Arena - Medical

September 3      11:43am

INCIDENT RADIO COMMUNICATIONS PLAN ICS-205 for NRG Only				1. INCIDENT NAME Hurricane Harvey		2. DATE/TIME PREPARED 8/31/2017 0700		3. OPERATIONAL PERIOD DATE/TIME 08/31/2017 0700-0700	
4. BASIC RADIO CHANNEL UTILIZATION									
Ch #	Function	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	PD Security	X-ICS-11	PODS PD Security			X-ICS-11		T	City of Houston
2	Transit Talk Around	7TAC55D	PODS Talk Aound	769.74375		769.74375	NAC 293	D	7TAC55D
3	NRG Comm Outside Facility	CSD DSP	Comms Outside NRG Center					T	TXWARN
4	HCOHSEM	EM3	NRG Comms with HCOHSEM					T	TXWARN
5	Amateur Command	COMMAND	NRG CENTER	446.0250		446.0250		A	HAM
6	Amateur Shelter East	EAST	Comms for NRG Halls A, B & C	446.1000		446.1000		A	HAM
7	Amateur Shelter West	WEST	Comms for NRG Hall D & E	446.1750		446.1750		A	HAM
8	Amateur Outside	NRG Shelter	Comms for Exterior of NRG Center	147.0600		147.6600	123.0	A	HAM
9	Harris County Wide Amateur Radio	HCOHSEM	Comms with TranStar	147.0000		147.6000	103.5	A	HAM
10	Trucks Talk-In	CH-19	Truck Talk-In	27.1850		27.1850	AM	A	AM - General CB Channel - Truckers needing direction to NRG will be directed to Channel 15
11	Trucks Direction	CH-15	NRG Truck Information	27.1350		27.1350	AM	A	AM - CB Channel to be used for Truckers needing NRG directions or additional NRG information.
12									
13									
14									
15									
16									
5. ICS-205 Prepared By Ben Gillis K5TBN (713-907-3897)			Incident Location Harris County TX						

August 31

ICS-205 Frequency Plan for NRG

Mutual aid came from Travis and  
Williamson Counties.

Kerby Spruiell KG5DLD  
John Roberts W5RZG  
Janet McCracken KR4CKN  
Mark Esslinger W5MAE

The last operator at TranStar was  
Wilber Bandemer AB5WW

September 3      11:43am

Mutual aid came from Bexar County

Charlie Land KC5NKK

Cuero Shelter  
NRG CB Yellow Lot

September 3      11:43am

Public Service Mutual Aid  
The South Texas Section  
presents to and recognizes  
**Charles D Land**  
**KC5NKK**

—  
Hurricane Harvey recovery  
Red Cross Shelter  
Cuero Texas

Aug 28-30, 2017

The Houston NRG Yellow CB Lot

Aug 31 - Sept 5, 2017



**ARRL** The national association for  
**AMATEUR RADIO®**



To sum up our activity, Harvey did not create a wide area communication outage.

We responded when requested to the best of our ability. That is all that we can ever do.

Public Service  
Liaison  
The South Texas Section  
presents to and recognizes  
**Linda Kangas**  
**W5LDK**

---

Hurricane Harvey recovery  
American Red Cross  
Houston Chapter  
Aug 22 - Sept 4, 2017



**ARRL** The national association for  
**AMATEUR RADIO®**



# The Texas 100

Name	Call	Type	Assigned	Status
Alan Isaachsen	KB2WF	4	Infrastructure	On Duty
Alex Hopple	KE8DVR	4	On Team	Demobilized
Alex Zinner	KD5AJZ	4	Golden Acres	Demobilized
Alfred Perez	N5VEV	1	NRG Center	Demobilized
Allyson Wells	KE5JBW	4	Family First	Demobilized
Andrew Bounds	KD5CQ	4	TranStar	Demobilized
Andrew Siverly	KG5NQD	4	TranStar	Demobilized
Ashley Gonzalez	KG5HNC	4	Infrastructure	On Duty
Ben Gillis	K5TBN	3	TranStar	Demobilized
Beth Sculley	KG5JPG	4	Galveston EOC	Demobilized
Bill Cleveland	WD5IBY	4	On Standby	Demobilized
Bob Sculley	N9RCS	4	Galveston EOC	Demobilized
Brett Dearman	K5YKL	4	Demobilized	Demobilized
Carl Kotila	WD5JRD	4	On Standby	Demobilized
Charlie Land	KC5NKK	2	Cuero Shelter	Demobilized
Daniel Dunahm	KF5MMW	4	Galveston EOC	Demobilized
Daniel Godbout	KD2DVG	4	TranStar	Demobilized
Dave Adams	W5BSA	4	Infrastructure	On Duty
Dave Wells	KD5E	4	Family First	Demobilized
David Fanelli	KB5PGY	2	Galveston EOC	Demobilized
David Underwood	WB5HJV	1	Red Cross	Demobilized
David White	W5DCW	3	Infrastructure	On Duty
Dexter Lewis	KB5JTJ	3	TranStar	Demobilized
Dom Mazoch	N5TCB	4	NRG Center	Demobilized
Donald Constant	KF5FGK	1	NRG CB	Demobilized
Doug Cline	N5DCC	3	Infrastructure	On Duty
Edward Dominguez	KG5QLA	4	TranStar	Demobilized
Emmett Moore	K5UAV	4	On Standby	Demobilized
Fran Nussbaum	KC5JRL	4	Galveston EOC	Demobilized
Frank Hormann	KM5I	2	Infrastructure	On Duty
Frank Robichaux	N5EJX	4	NRG Arena	Demobilized
Gary Greer	N5EXP	3	TranStar	Demobilized
Gary Iles	K5IGI	4	Tomball Shelter	Demobilized
George Fletcher	AD5CQ	4	TranStar	Demobilized
Gerry Singer	KC0CAT	1	On Standby	Demobilized
Glenn Bellot	KF5MNJ	4	Tomball Shelter	Demobilized
Greg Jurrens	K5GJ	2	Infrastructure	On Duty
Gus Bernard	KG5OFB	4	TranStar	Demobilized
Janet McCracken	KR4CKN	4	TranStar	Demobilized
Jeff Edwards	K1TAZ	4	NRG Center	Demobilized
Jeff Frusha			NRG CB	Demobilized
Jeff Walter	KE5FGA	3	TranStar	Demobilized
Jerry Muller	K9GEM	2	Red Cross	Demobilized
Jimmy Vance	W5ZTX	4	NRG Center	Demobilized
Joe Matlock	KB5GYX	4	NRG CB	Demobilized
Joe Wileman	AA5OP	2	Galveston EOC	Demobilized
Joey Clements	W5BAK	1	Infrastructure	On Duty
John Bradley	KG5FAR	4	Galveston EOC	Demobilized
John Paterson	KC5LAA	4	Galveston EOC	Demobilized
John Roberts	W5RZG	2	TranStar	Demobilized
Jonathan Devlin	KG5EQB	4	TranStar	Demobilized
Jose Goyco	KG5QJI	4	On Standby	Demobilized

Justin Anderson	KG5EGE	4	TranStar	Demobilized
Kathy Clark	KF5CYG	4	TranStar	Demobilized
Keith Dutson	NM5G	4	Tomball Shelter	Demobilized
Kelvin Hickman	K5KGH	4	Galveston EOC	Demobilized
Ken Porter	AC0CL	4	Family First	Demobilized
Ken Shubert	KOKS	4	Galveston EOC	Demobilized
Kenny Witt	KC4OJS	4	On Team	Demobilized
Kerby Spruiell	KG5DLD	2	TranStar	Demobilized
Kevin Walton	AD5KA	4	Rockport	Demobilized
Kyle Brewer	AE5IJ	4	Shelter Data	Demobilized
Lacy Wilson	N5WAR	4	Tomball Shelter	Demobilized
Lance Rumfield	WD5X	2	Infrastructure	On Duty
Lester Marshall	KF5LCA	4	NRG Center	Demobilized
Linda Kangas	W5LDK	4	Red Cross	On Duty
Louis Stanton	K5GBX	2	Cuero Shelter	Demobilized
Lubo Jakab	KG5DJS	4	NRG Center	Demobilized
Mark Esslinger	W5MAE	1	TranStar	Demobilized
Mark Williams	WT5MW	4	Demobilized	Demobilized
Matt Bleakley	KG5DSB	4	NRG Arena	Demobilized
Michael Dome	KG5NOV	4	TranStar	Demobilized
Michael Drews	KG5FPM	4	On Standby	Demobilized
Michael Livingston	KF5MVP	4	On Standby	Demobilized
Mike Dietrich	KB5FLX	4	Infrastructure	On Duty
Mike Firenza	KG5MAQ	4	NRG Center	Demobilized
Mike Hardwick	N5VCX	2	Infrastructure	On Duty
Mike Lavender	AE5MZ	3	Out of Service	Demobilized
Mike Nault	W5OFT	2	Red Cross	On Duty
Mike Urich	KA5CVH	3	TranStar	Demobilized
Paul Smith	K5PRS	4	On Standby	Demobilized
Peter Aronstam	KW5PA	1	NC from home	Demobilized
Philip Gerding	KG5JPG	4	Galveston EOC	Demobilized
Preston Nichols	N5PHN	1	NRG Center	Demobilized
Ravi Ratnala	KF5YHP	4	Not available	Demobilized
Raymond A McLeaird	N5RAM	4	NRG CB	Demobilized
Rex J. Weinheimer	KC5AGO	4	Family First	Demobilized
Robert Polinski	KD5YVQ	2	Infrastructure	On Duty
Robin Marsh	KF5MNB	4	TranStar	Demobilized
Russell Richter	WP2AHG	3	City of Houston	Demobilized
Russell Williams	AG5GQ	4	NRG Center	Demobilized
Sandy Bryson	KG5TJV	4	NRG Arena	Demobilized
Scott Reeve	KT5SR	4	NRG Center	Demobilized
Sean Ramsey	KG5IRM	4	TranStar	Demobilized
Sherwin Klemp	K5SEK	1	NC from home	Demobilized
Steve Shirk	N5SDL	4	NRG CB	Demobilized
Susan Shirk	KB5ICO	4	NRG CB	Demobilized
Tico Hannan	AA2TH	4	NRG Center	Demobilized
TJ Butler	N5CFT	4	NRG Center	Demobilized
Todd Lovelace	K1KVA	2	On Standby	Demobilized
TOM O'HALLOREN	W2PTO	4	Tomball Shelter	Demobilized
Walt Sepaniac	N5TQ	1	TranStar	Demobilized
Wayne Wright	KA5QDG	2	Infrastructure	On Duty
Wes Coleman	KF5UKF	4	Galveston EOC	Demobilized
Wilber Bandemer	AB5WW	4	TranStar	Demobilized

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Thank you

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