



GRAYSON COUNTY AMATEUR RADIO CLUB NEWS

January 2020

WWW.GRAYSONCOUNTYARC.ORG

Vol.26, No. 1

*Next General Meeting – February 18, 2020 @ 7PM
Mariachi's Mexican Restaurant – Sherman, Texas
Next Antenna Workshop – February 8, 2020 10AM-Noon*

The President's QSO Glen Davis – KG5REK

Fellow club members,

Welcome to the roaring 20's! We have really started the New Year off right with excellent participation in our 1st and 3rd Sunday Nets, our first Monthly Meeting, then we topped it off with an awesome Winter Field Day! This is the what I envisioned belonging to an Amateur Radio Club would be like. Lots of radio knowledge was being shared, with good fellowship amongst all our members, and 433 radio contacts in the club's log. Lee, N5SLY, stated it is the most contacts the club has made on Field day in the las 7 years! An Awesome accomplishment!

I am really looking forward to the next few months as we start to have new Net Control Operators and new topics on our 1st, 3rd and 5th Sunday Nets. Some really interesting topics and demos are coming up for our Monthly Meetings as well. And, we all are looking forwarding to K5QOI Jim returning for the next antenna work shop and the upcoming Fox hunt in April. If you haven't already please take some time to express your gratitude to Doug and Sharon Hotalen for their gracious hospitality as our Winter Field Day hosts. Also, many thanks to all who participated and contributed in Winter Field Day especially those who shared their equipment and knowledge, donated food and helped prepare the food.

I hope to hear you all on the Net this coming Sunday.

Glen - KG5REK 73

2020 Officers

President:	Glen Davis	KG5REK	(president@k5gcc.org)
Vice President	Ron Witherington	WX5A	(vp@k5gcc.org)
Secretary:	Ricky Jesson	KG5FDT	(secretary@k5gcc.org)
Treasurer:	Lee Sly	N5SLY	(treasurer@k5gcc.org)
Director at Large:	John Love	WD5IKX	(directoratlarge@k5gcc.org)

License Trustee: **Rick Simmons – K5ECX**
QSL Manager: **Lee Sly – N5SLY**

Webmaster/Newsletter Editor:
James Frank – KW5CW (editor@k5gcc.org)

Meetings

When: 3rd Tuesday of each month
Time: 7:00pm (1900 hours)
Location: Mariachi's Mexican Restaurant
1909 Texoma Pkwy
Sherman, TX 75090

Mailing Address

Grayson County Amateur Radio Club
P.O. Box 642
Sherman, Texas 75091
Club Email: graysoncountyarc.org

MEMBERSHIP DUES

Individual:	\$20.00/yr
Family:	\$30.00/yr
Associate (non-Ham)	\$15.00/yr

Newsletter

Published: Monthly via e-mail
Editor and Webmaster: James Frank – KW5CW

Website and Social Media

Address: www.graysoncountyarc.org
Facebook page: <http://www.facebook.com/groups/k5gcc>

Submit articles for newsletter to editor@k5gcc.org

E-mail change updates @ hamclubonline.com

Submission Deadline: **The day before publication by noon**

Scheduled Publish date: **Last day of each month**

Dues and Donations

Membership tenure now runs for 365 days from sign-up date. Donations to support the club are always welcome. Dues and donations may be paid by cash or check at any monthly GCARC meeting and by mail, or by using a credit or debit card online at the GCARC website.

GCARC, ARES, and SKYWARN Patches

GCARC club patches are available and may be purchased at each club meeting; cost is \$5.00 each. These are round patches with the club logo, and are great for wearing on vests and other non-club clothing, placing on equipment bags, go-kits, etc.

ARES and SKYWARN patches may also be purchased at each club meeting; cost is \$4.00 each. If you choose to wear patches on your club shirt or jacket, we recommend ARES members place the ARES patch first on the right shoulder and any other patch (SKYWARN, RACES, CERT, etc.) should go below it. Since some members have tactical shirts with pen pockets on the left sleeve we do not recommend placing any patches on that side.

Club Clothing Orders

Several times each year, members have the opportunity to purchase club-related clothing (shirts, caps, jackets, etc.). These items have the GCARC logo and the member's name and callsign embroidered on them. An order form with instructions will be included in the newsletter each time orders are being taken.

"It shall be our purpose to further the exchange of information and cooperation between members, to promote radio knowledge, fraternalism and individual operating efficiency, and to so conduct club programs and activities as to advance the general interest and welfare of Amateur Radio in the community." From the GCARC Constitution

GCARC Meeting Minutes

January 21, 2020

All five officers were present:

Glen Davis	President	KG5REK
Ron Witherington	Vice President	WX5A
Ricky Jessen	Secretary	KG5FDT
Lee Sly	Treasury	N5SLY
John Love	Director at large	WD5IKX

Meeting called to order

President KG5REK called to order at 7:00 pm at Mariachi's restaurant. Then Introduction of new officers and round table introductions of everyone present.

18 Members present

KG5SJX, WX5A, KW5CW, KI5BMN, KG5NV, KG5QPI, N5SWG, K5QOI, WD5IKX, AF5VA, N5SLY, KD5KPR, KG5REK, KB5TMU, KG5FDT, K5XBP, KF5TDQ, W5TG

Severe weather presentation

AF5VA presented numerous pictures of his spottings. He showed various configurations of wall clouds. There were numerous illustrations of how tornados are difficult to see when spotting.

Old Business

WX5A motioned that we accept the minutes and treasurer report of last meeting. AF5VA 2nd and the motion passed with 0 nays and 3 abstained.

New Business

Treasurer's report by N5SLY showed a total balance of \$1557.14.

Board turnover meeting - 1/11/2020

- Inventory to be retrieved and accounted for
- Utilize functionality of Ham Club On-Line
- Up-date web page to Word Press
- KW5CW to continue as webmaster + newsletter editor
- N5SLY QSL manager
- N5SLY to retrieve Club library

WX5A Ares News

- 1/26 net 147.00
- 1/28 National Traffic System at Sherman Airport
- 2/6 VE Testing CWL Seminar C
- 2/20 Sky warn training CWL Auditorium
- 2/23 Net 147.00
- 2/29 Technician License Class CWL Seminar C
- Siren test contact KE5UMJ <Brad@arrl.net>

WX5A New Tools

- Hamclubonline.com
- WordPress Website
- Library availability
- Social Media presence

WX5A Ham Club On-Line

- Hamclubonline.com functionality was displayed and reviewed

KG5REK reviewed the activity schedule

- Perrin Field Event 5/16 thru 5/24
- ARRL summer Field Day TBA
- Red River Bridge War 7/18 thru 7/26
- Eisenhower Birthday 10/10 thru 10/18

KG5REK reviewed Club's goals

- Have fun with radio
- Get members on the air and share experiences
- Increase our visibility and participation in the community
- Increase club membership
- Increase participation in club events
- Increase our social media presence
- Find new income streams

KG5REK Net Control discussion

- Volunteers taken
 - K5QPI will do all 5th Sunday nets
 - 2/2 AF5VA
 - 2/16 KG5FDT
 - 3/1 N5SLY
 - 3/15 K5XBP
 - 4/5 KG5QPI
 - 4/19 KD5KPR
 - 5/3 WD5IKX
 - 5/17 KB5TMU
 - 6/7 KW5CW
 - 6/21 KI5BMN
 - 7/19 WX5A

KG5REK Winter Field Day Discussion/Planning/Organizing/etc.

Grayson County ARC - Treasurers Report

January, 2020

Beginning Bank Balance	1,442.68
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Income

Cash donations received from QSL cards for Eisenhower SE	42.40
Used to purchase I Like Ike buttons and stamps - see expenses	
Glen Davis, KG5REK 2020 Membership Dues - Stripe	20.00
Lee Sly, N5SLY 2020 Membership Dues	20.00
Tom Kraemar, K5TPK 2020 Membership Dues - Stripe	20.00
James Frank, KW5CW 2020 Membership Dues - Stripe	20.00

Total Income	122.40
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Expenses

35 I Like Ike buttons for Eisenhower SE purchased by Lee Sly	51.15
Postage stamps for Eisenhower SE QSL cards purchased by Lee Sly	11.25
Stripe fees	2.64
Bank fees	12.90

Total Expenses	77.94
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Ending Bank Balance	1,487.14
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Cash on hand	30.00
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Checks to be deposited

Marvin Schiavone, KG5GMA 2020 Membership Dues - Check	20.00
Jesse Heiman, AC5OY 2020 Membership Dues - Check	20.00

Total	1,557.14
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Submitted by Lee Sly, N5SLY

THE GCARC WINTER FIELD DAY – A BIG SUCCESS

By James – KW5CW

Wow!! What can you say?! The first GCARC operating event of 2020 took place at the Doug and Sharon Hobby House in Whitesboro, Texas and proved to be a great success. The event was Winter Field Day. But not many in the club expected that the turn of the new year and only the 2nd year in the event called Winter Field Day would turn out to be such a great success story. A total of 433 contacts, is the most ever made at any GCARC field day event for the last 7 years, according to Lee N5SLY who keeps track of the scores during each operating activity. It truly was a fun event, and even I who was not totally convinced to participate in it, had so much fun. I had reservations this year, but I'm sure happy that I decided to attend the GCARC Winter Field Day. The comradery, the location, the food, the stations and antennas, all came together to prove that even a small club can have fun in such a big operating event.

Special thanks go out to Doug Hotelen KG5QPI and his wife Sharon from Whitesboro for allowing the club use their hobby house for the event. It truly is the perfect place for the members to get together for operating events.

Special thanks go out to Jim McGlynn K5QOI with his expertise in networking the computer systems for logging. The club ran class 5H this year, and networking made it easy for logging contacts for everyone at the same time. He cooked food on the grill this year and boy was it yummy!!

Special thanks also go out to the other cooks, Doug Hotelen KG5QPI, and Terry Gimble W5TG, who also cooked breakfast food and kept everyone full and happy at the event. Jim McGlynn K5QOI performed his tricks on the barbecue grill. And yes, we can't forget about the pulled pork pot that just happened to be there at the beginning of the event (manna from heaven), thanks to Jim Shiplet KI5BMN.

Besides the club radios used at the event, members brought along their own radios and antennas and made contacts for the club. This outing was more than a little special. Everything seemed to come together and everyone just had fun. The club need a great outing, and what a wonder thing it was to begin a great year as a member of the GCARC. I can only imagine what Summer Field Day has in store for the GCARC this year.

February Antenna Workshop hosted by Jim McGlynn – K5QOI

Location: 117 Sunset Blvd. Sherman Texas at 10AM-Noon.

Have you ever wondered why your antenna just doesn't work well, or not the way that you expect that it should? Problems with SWR or matching, gain or construction techniques? Or you might just have a question or two about antennas that you could never answer. Once a

month on every 2nd Saturday, Jim McGlynn – K5QOI holds an antenna workshop at his place of business – CompuTek Computers at 117 Sunset Blvd located in Sherman Texas. Jim makes a trip each month from his home in southern Texas to give these workshops at his

business in Sherman. If you need a question answered or want to participate in talk about antennas, then you owe it to yourself to attend one of Jim's workshops. From what I'm told, his shops are habit forming. Once you attend one, you keep coming back.

There isn't a ham out there that hasn't had a problem with an antenna project in the past. If you don't work with antennas, then this may not be true about you, but for me, one of the fun things to do in this hobby of amateur radio is to work with antennas. It's Jim's passion too. Why buy an expensive antenna when you can make one for a fraction of the cost and can work just as well, if not better than one costing hundreds of dollars more than the materials you purchased to build the antenna. Case in point, say you live on a small lot or an HOA property, and you are not permitted to put-up full-sized antennas. For me, I've built an antenna called the 'magnetic loop', which even works well indoors. My 40-meter loop is small enough to set in the corner of my radio room, without radials of course, on the second floor, and it

works just great. If you want to build one that really works, just ask Jim how to build it.

And yes, I live on an HOA property. My neighbors love to complain to the HOA, especially when I had my ground mounted Hustler 6-band trap vertical up and running in the back yard. But again, you do not have to put-up full-sized antennas such as beams mounted on a tower, but instead put up a stealth antenna, such as a flagpole antenna, dipole antennas, bird feeder antennas, magnetic loops and the like. Guess who can give you a recommendation about such an antenna, and knows how they work and how efficient they are. You guessed it. That would be Jim – K5QOI. So yes, head down to one of his workshops and ask Jim any question you like about antennas. You might ask why Jim is so good when it comes to antennas. A simple answer – antennas are one of his passions. For me, my passion is CW, and of course everyone that knows me, knows that. Again, don't forget the next antenna workshop on February 8th at 10:00 AM. What is your passion? Display it in a future newsletter.

Message from the Editor of the GCARC Newsletter – James KW5CW

Allot has happened already this year with the Grayson Amateur Radio Club, thanks to our new leader and president, **Glen Davis – KG5REK**. Glen's passion is whatever it takes in amateur radio to have fun. This year at Winter Field Day, Glen brought along his ICOM IC7100, which he obviously loves to use. In less than just one month, he has organized the club to perform in the way he wants it to be. **His main rule as president, is that what we do needs to be FUN**. His interest in amateur radio consists of many facets. He works voice on all HF/2M/and 70cm bands, runs digital modes including Allstar, DSTAR, DMR, FT8, PSK31 and interested in CW, which touches my heart. I'm sure he will take advantage of my online courses that will be available in a few months. With just one month in the books for 2020, so

much has changed in the club, thanks to the new officers who are working hard to make it so, especially Glen.

Another true leader and officer of the club is **Ron Witherington – WX5A**. He is serving concurrently as the Vice-President of the GCARC and President of the McKinney Amateur Radio Club. He is very methodic, thoughtful and willing to help anyone succeed in amateur radio. If you have a question about VE testing, just ask Ron, as he is a VE team Liaison for the McKinney ARC and the Texoma VE Group. If you want to know about POTA, just ask Ron. He is extremely active in POTA and travels to the parks most every weekend. He is an AEC for Grayson County ARES, and a

member of Texas RACES. If you have a question about Hamclubonline.com, just ask Ron as he put the GCARC on the books with Hamclubonline.com in just his first month as our new VP. He is a leader that is willing to help others succeed.

Then you have **Ricky Jessen, KG5FDT**, a Mechanical Engineer, now retired after 33 years but stays busy as he works as a manufacturing engineer in Sherman Texas. He runs HF phone and digital. He is our club secretary this year and doing a fantastic job, as proof by reading his detailed minutes of the last meeting. Thank you, Ricky! When you create a report such as you did this month, that is accurate, easy to read and grammatically perfect, it makes my job easy as the editor of the newsletter. Please keep up the good work!!

Oh yes, then there is **Lee Sly, N5SLY**, one of the club members of the who continues to be an integral part of the GCARC year after year. This year, he's the Treasurer, as he took over the position after me, and let me tell you, keeping track of the money and members is not as easy as it sounds. He's been the President of the GCARC in the past for more than just one year. He's been Vice-President, and currently is QSL manager for the club. He is the coordinator for each of our operating events year after year, including the Perrin Field Event, the Red River Bridge War Special Event, and the Eisenhower Special Event. Lee is very active in the digital modes, and is willing to help anyone get set up for any digital mode. At the winter field day this year, besides making several contacts on phone and digital, Lee helped another member get setup for digital PSK31 using Ham Radio Deluxe software at winter field day. The configurations on HRD can be fairly tricky. Like I said earlier, the comradery is fantastic within the club, and people in the GCARC are willing

to share their experiences in Amateur Radio with others.

Then there is **John Love – WD5IKX**, our Director at Large for the GCARC. This year would be the first year to fill the position, and again, now an officer doing what he feels he can do for the betterment of the club. He signed up as a net control op for one of our upcoming Sunday information nets coming up. For Winter Field Day this year, he kept track with filling the operating positions which helped to very much improve on the scores tallied from last year's winter field day. Each operating position was active for most of the time. John runs mobile operations using an old ForTex HF coil, retired after running a public safety communications system after 23 years. He likes to operate "picnic table portable" using solar/battery power during camping. He likes QRP CW operation and interested in digital modes and active in astronomy and photography. Thanks to John, he's responsible for taking many of the pictures submitted for Winter Field Day found in this newsletter this month. And yes, he's interested in CW and I know he will be another student of mine in the future taking online CW classes.

For me, I was just inspired by others who wanted the event to succeed. So, I actually made an effort this year at the event to make 175 CW contacts alone. I didn't expect others to operate CW, but I had a logger that help me tremendously, and that was **Levent Kahveci, KB5TMU**. Levent helped me at field day as he made available his portable rotary dipole antenna for 20 meters. It worked great. I can go on and on. Yes, so far this year, it has been nothing less than fantastic.

So where do we go from here? You can bet that the officers are giving their best in making the GCARC a fun place to be part of. If you are not a member yet, you should be.

QSL Managers Message

Winter Field Day 2020

Boy did I have a lot of fun this weekend participating in Winter Field Day. I think everyone else also had lots of fun too. It was great to see such a great turn out and the number of members and guests that got on the air.

We had great results this year. We far surpassed last year's effort. Here are the details...

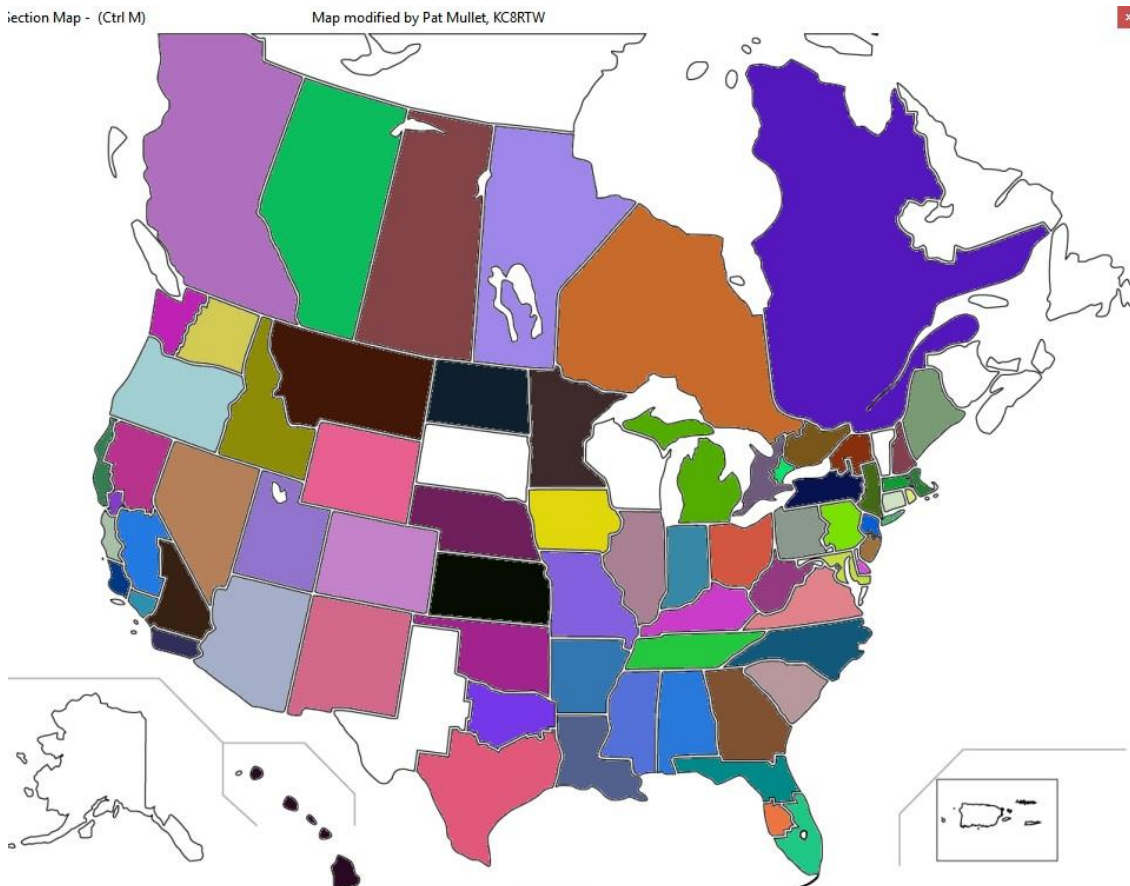
Contacts made

CW	175
Phone	203
Digital	55
Total	433

Band	Q's
80	39
40	176
20	198
15	20

Average Q's/hour = 41.3

ARRL Sections contacted...



Even though this is not a “contest” they keep score and after carefully reading the rules and doing the math I think we scored 11,934 points. The clubs log has been submitted to the Winter Field group for scoring. The final results will be announced later this year.

My thanks to everyone who participated. Great way to spend the weekend.

73 de Lee N5SLY

n5sly@arrl.net

Pictures and memories of GCARC Winter Field Day 2020



KB5TMU (Levent) and KG5REK (Glen)



WD5IKX (John) Working some SSB - KG5REK (Glen) Logging



Buddy Pole Behind Hobby House. A second located in front.



6BTV Forefront - The Tipsy Club 'Beast' Rear



1 of 2 Buddy Poles at WFD



KG5REK(Glen) running IC7100 on SSB (Woops – Where did the logger go?)



Glens Solar Cells – Close Up..



Michael 'The Boyd' making first ever contact with VE4RWG (Winnipeg, MB) while on a Frozen Lake Bed

N5SLY (Lee) Working a Phone Station





Look at the Club Beast Antenna from ground up



KW5CW (James) & KB5TMU (Levent) Pulling a
CW station 'out of the mud'



WX5A (Ron) Making SSB Contacts



K15BMN (Jim) Checking out VHF Station Prior to FD



KB5TMU (Levent) and KW5CW (James) at CW station



W5TG (Terry) making SSB Contacts

TAKING A BREAK TO EAT SOME GREAT FOOD



K5QOI (Jim) Cooking at the Grill Again!



KG5FDT (Ricky) In the Kitchen



Dinner Time - Thanks to all the Cooks!



W5TG (Terry) & KG5QAPI (Doug) Cooking Pancakes and Eggs



KG5QPI (Doug) Cooking the Eggs "YUMMY"



Yummy EGGS! Thanks Doug...



K5QOI (Jim) & KG5QPI (Doug)

Just another note to thank everyone who came out and enjoyed a part of the GCARC Field Day this year. It is the beginning of a new and exiting new year with the club. Looking ahead, summer field day WILL BE just as fun as winter field day.

HOPE TO SEE YOU THERE!



Message from Wade Graves – KF5AUD

Published late due to editor publishing issues

It's hard to believe January is almost over isn't it? January 10th was more like April and now we've had several additional inches of rain but, fortunately, no more severe weather!

This month's training on Tuesday, January 28th will be over the National Traffic System and how to pass message traffic. Our special guest who will conduct our training session will be Aaron Hulett, K8AMH, the ARRL North Texas Section Traffic Manager. Everyone is invited to attend the ARES training session. We'll meet at the Sherman Municipal Airport, 1200 S. Dewey, Sherman, TX starting at 7pm. We should be finished by 8:30pm.

The Grayson County Skywarn training session will be held on Thursday, February 20, 2020 at the Center for Workplace Learning Auditorium on the Grayson College Main Campus in Denison. The training starts at 6pm again this year and will end around 9pm. Please plan to attend this new and improved training event.

Thanks to all who went mobile on January 10th during our Skywarn event. We were very lucky!

73 to all

Wade

Wade Graves, KF5AUD
Grayson County ARES EC

----- National Weather Service Fort Worth is Restructuring Forecast Operations

Beginning Sunday, January 19, 2020, the National Weather Service Office in Fort Worth will be restructuring their operational shifts and forecast duties. Most of these changes will be transparent to the public, but it will result in some changes in the times certain forecast products are updated and issued. In addition, the start times of their shifts will vary by 1 to 2 hours from what they have traditionally worked. Jennifer Dunn, Warning Coordination Meteorologist, says "We believe that this restructuring will increase efficiencies and allow us to update the short-term part of the forecast (next 24 hours or so) more frequently (from 2 times a day to 4) with greater accuracy".

Some of the changes you may notice are:

- Forecast updates for the short-term part of the forecast will be issued around midnight, 6 am, noon, and 6 pm. This will include a new updated forecast discussion, web forecasts, and other text-based forecast products being released at that time.
- Long-term forecast updates (the forecast generally from 2 to 7 days out) will be issued separately but still around 3 am and 3 pm. A new long-term forecast discussion will be issued, along with updated forecasts for both web and text-based products.

LOCAL RADIO NETS

<u>Daily</u>	Texas Slow Net (CW only) Daily 7:45pm CT on 3.570 MHz This is a training net for operators interested in building proficiency in CW and learning about handling procedures for CW traffic nets.
<u>Weekly</u>	South Texas Section ARES Net (HF) Mondays 7:30pm CT on 3.873 MHz LSB This is an information net open to South Texas (STX) Section ARES members. Other Amateur stations are welcome to listen in. Durant ARA Weekly Net (UPDATED) Sundays 7:30 pm CT on the 147.390+ (118.8 PL) repeater. Fannin County ARC Weekly Net Tuesdays 8:00 pm CT on the 145.470- (100.0PL) repeater. (Replaces 147.200 repeater). 444.525 links into 145.470 full time. McKinney 6 meter AM Net Wednesdays 10:00pm CT on 50.400 MHz McKinney ARC Info Net Sundays 8:00pm CT on the 146.740– (110.9 PL) repeater. Grayson County ARC Information Net 1 st & 3 rd Sunday at 8:00pm CT on the 147.000+ (100.0 PL) repeater. This is an informal information net and buy/sell/swap net.
<u>Semi-Monthly</u>	Grayson County ARES Net 2 nd & 4 th Sunday at 8:00pm CT on the 147.000+ (100.0 PL) repeater. This is a directed information net used for training. RACES Command Net Check (HF) 2 nd & 4 th Sunday at 2:00pm CT on 7.255 MHz LSB This is a RACES Command Net check for statewide RACES Command Net members ONLY. All other Amateur stations are welcome to listen, but DO NOT check in! Ladies Net (RUNNING AGAIN AS of February 21, 2019) **Every 1 st and 3 rd Thursday of each month at 8:00 pm CT on the 147.00+ repeater North Texas Section ARES Net (HF) 2 nd Wednesday at 8:30pm CT on 3.860 MHz LSB This is an information net open to all ARES members in the ARRL North Texas (NTX) Section.
<u>Monthly</u>	McKinney ARES Net 2 nd Sunday at 9:00pm CT on the 146.740– (110.9 PL) repeater.

AREA REPEATERS (UPDATED 11-30-2018)

Sherman TX – 444.750+ MHZ (100.0 PL) W5RVT 147.280+ MHZ (107.2 PL) W5COP 147.000+ MHZ (100.0 PL) W5RVT	Gainesville TX – 147.340+ MHZ (100.0 PL) WB5FHI McKinney TX - 146.740- MHZ (110.9 PL) W5MRC Melissa TX - 443.200+ MHZ (100.0 PL) W5MRA
Allen TX 145.350 – MHZ (100.0 PL) N5GI	Paris TX 146.760- MHZ (203.5 PL) WB5RDD
Bonham TX 145.470 – MHZ (100.0 PL) K5FRC 443.750 – MHZ (100.0 PL) K5FRC 147.200+ MHZ (100.0 PL) K5FRC	Rosston TX - 145.490- MHZ (85.4 PL) WD5U Van Alstyne TX - 443.800+ MHZ (103.5 PL) W5VAL Whitesboro TX - 442.875+ MHZ (100.0 PL) WC5GC
Denison TX 145.330 – MHZ (100.0 PL) W5DWH	
Durant OK 147.390+ MHZ (118.8 PL) K5KIE	147.255+ MHZ (114.8 PL) K5CGE

2020 Grayson County Amateur Radio Club Dues Form

Instructions: Print this form, fill it out, and bring it with your dues payment to a club meeting if you do not submit online. If you cannot make the meeting, please mail this form and payment to:

Grayson County Amateur Radio Club

**P.O. Box 642
Sherman, TX 75091**

Today's Date: _____

Yourself:

_____ First Name	_____ Last Name	_____ Call Sign
_____ Street Address	_____ City	_____ State + ZIP
_____ Phone Number	_____ E-mail Address	_____ ARRL Y/N

Additional Family Members:

_____ First Name	_____ Last Name	_____ Call Sign	_____ Class Held
_____ First Name	_____ Last Name	_____ Call Sign	_____ Class Held
_____ First Name	_____ Last Name	_____ Call Sign	_____ Class Held

Dues:

Individual Membership \$20.00/year – 365 day membership

Family Membership \$30.00 year (2 or more hams/same family)

Associate (non-ham) Membership \$15.00/year – 365 day membership

Cash or Checks accepted. No cash in the mail. Payable to GCARC.

(NOTE: Sign-up Online. Go to www.graysoncountyar.org)

Pay via Paypal or Stripe



K5GGC Grayson County Amateur Radio Club Apparel Order Form



Tactical Shirt \$45

Mic loops on shoulders and front placket, dual pen pockets

2x-4x sizes + \$5

Prices plus shipping and all items have K5GGC Club Logo, your Call and first name embroidered

Polo Shirt* sm to xl \$30

Camp Shirt* sm to xl \$36

W Left pocket

Caps \$17

Jacket* sm to xl \$45



First Name _____ (as you want on clothing)

Last _____

Call _____

Payment _____

Make checks Payable to GCARC

	Men/ Ldy	Qty	Ext
Polo Shirt* sm M L XL			\$30
Camp Shirt* sm M L XL			\$36
Caps			\$17
Jacket* sm M L XL			\$45
Tactical Shirt sm M L XL			\$45
*Shirts/jackets- (2x to 4x +\$5)			
Shipping \$2.00 per item			
Total			