



The Centurion



The 3905 Century Club Monthly News-

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Welcome!

Hello and welcome to the March, 2023 issue of the 3905 Century Club Centurion Newsletter.

Be sure to check the update for KL7JR's upcoming trip to the north.

If you use a mag mount, be sure to check out KU1V's article on mag mount maintenance!

Remember to "Spring Forward" on March 12th!

We are always looking for article ideas and contributions. As Kirk AA1NA would say—"The Centurion would not be the same without your articles"!

Please send articles or suggestion for articles to:

k7qhu@outlook.com.



NET CONTROL STATIONS ARE REALLY, REALLY NEEDED FOR OUR CW NETS!

Our CW nets have been hit with a double whammy! Both Gary K5GEB and Matt K2YS have had to step away from their CW NCS roles for a while. Our CW Nets are suffering!



The Club runs CW nets on the 160m, 80m, 40m, and 20m bands. If you have ever thought you might like to try your hand at running a CW net, now would be a great time to volunteer. If you think you might be interested, check out the "CW Nets 101" page on the club website at: [The 3905 Century Club - CW Nets 101 \(3905ccn.org\)](http://The 3905 Century Club - CW Nets 101 (3905ccn.org)).

If you are interested in giving CW NCS'ing a go, please contact the CW Net Coordinator, Steve Davis, K7QHU (k7qhu@outlook.com) for more information.

Dean's Column

Notes from the President

By Dean Davis, N7XG



I am late for lunch but I will share with the members several things going on. First there is a proposal to start running a couple of sideband nets late (and I mean late) to attract some new DX stations; Second over the next year there is a new committee to review our by-laws and make suggestions to the board; Third we have a new Vice President, AA1NA Kirk; Fourth approval for the 2023 Eyeball; and finally I am out to lunch. If you need more information you are welcome to monitor our board meeting on March 11.



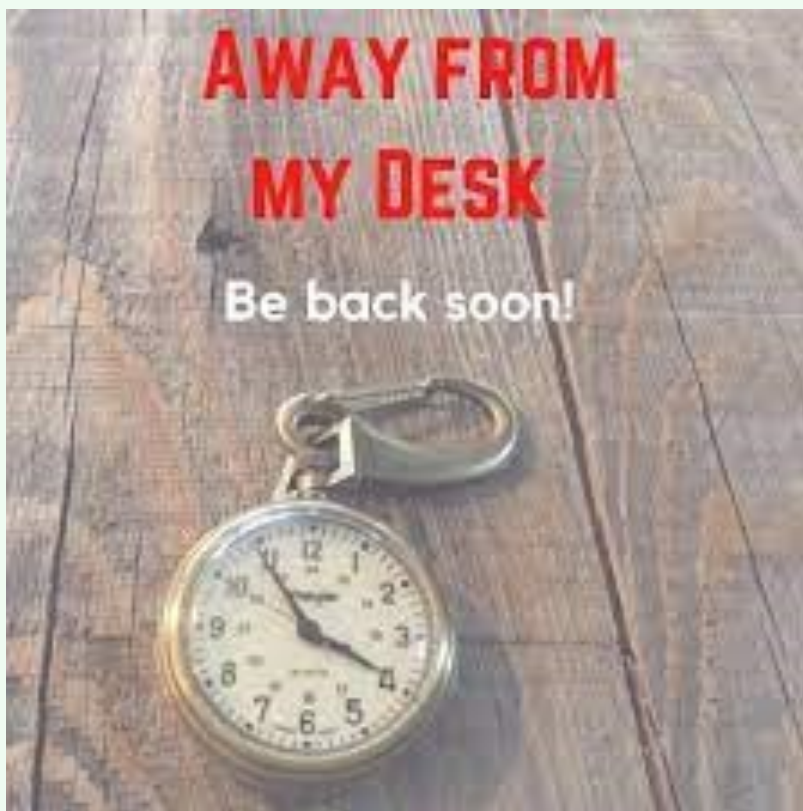
BEN'S COLUMN

Notes from the Awards Secretary



By [Ben Goldfarb](#), AE4NT

Ben is away from his desk this month, catching up on projects such as re-wiring his garage. Ben's column will be back in April!



KL7JR Trip Update

I think everyone is anxiously awaiting the start if KL7JR's trip to the north. The start of John's trek is about 26 days away! Below is the latest update from John:

The dates are real time and +-

March 23-25... 4 Corners

March 27-Apr 8...Several CA National Parks

April 14-16...Hyder, Alaska

April 19-20...Yukon

April 21-22...Kluane NP, Yukon

April 27...Tok, Alaska

May 1-13...Anchorage, Alaska and Several Alaska National Parks, then *Fort Liard, Northwest Territories enroute USA.*

Have a nice day!

John

Flash from John:

I will be using the following Special Event calls on my north trip:

K4K Mar 21-31

K8J Mar 22-26

N2P Apr 27-May 10



More Parks!

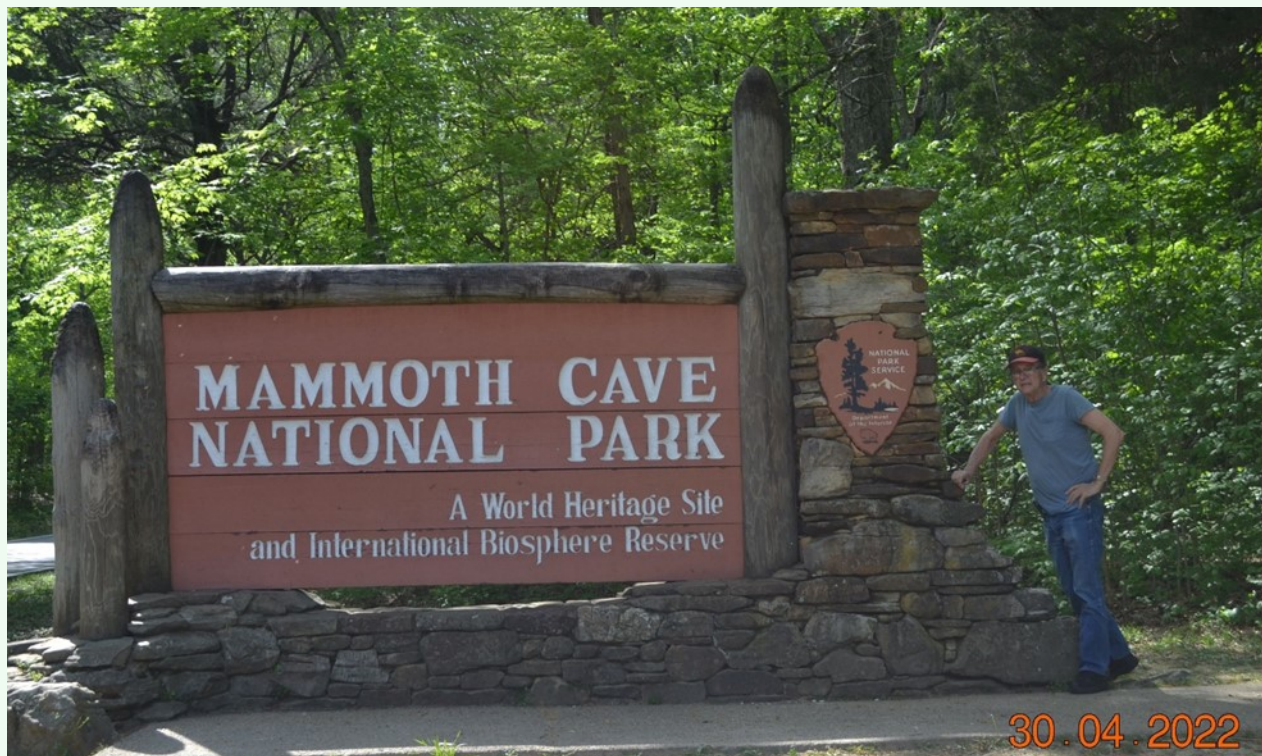
By Mike, KU1V



After my visit to the Museum of Radio & Technology, April 30, 2022, I continue the quest to further advance the 3905 Century Club National Parks award. Next destination is Mammoth Caves National Park located in Kentucky.

This is a great National Park bustling with activity. I am not a caver, but people come from all parts of the world to see this underground marvel. Some believe the history, and use of Mammoth Caves, may go back as much as 5,000 years with activities of the American Indians including their mining for minerals. As far back as 1812 nitrates were mined in the caves for production of gunpowder.

There are many great websites available to look underground, one such is: <https://www.nps.gov/macal/learn/nature/rocks-of-mammoth-cave.htm>



KU1V, MAMMOTH CAVE NP

Continuing West, next stop is St. Louis, MO, and the Gateway Arche NP. I was here several years back and it was easy to find along the banks of the Mississippi River with general parking along the river banks. Today it is difficult as many of the roads seem to have been blocked leaving a walking path entrance in the downtown section. Took me awhile to find a parking / operating area having seemingly advised not to be in the downtown area at night.



Moving on Westward and a brief stay with relatives in Denver, CO. Both Estes CO., and Rocky Mt. NP are an easy drive from Denver. Estes is home of the famed Stanley Hotel an inspirational hotel for Mr. Steven King's novel, Shinning. Later the hotel was the site for filming of the TV miniseries, The Shinning. Stanley Hotel was built by one of the originators of the Stanley car. I was in the Stanley Hotel several years back and they had a great collection of Stanley Steamer Automobiles, however today, a separate museum has been created.

Cars: <https://www.youtube.com/watch?v=ipSKUvWX-I>

Stanley Hotel: https://en.wikipedia.org/wiki/The_Stanley_Hotel#:~:text=NRHP%20reference%20No.&text=The%20Stanley%20Hotel%20inspired%20the,the%20related%201997%20TV%20miniseries

Mr. Stanley: <https://coloradoencyclopedia.org/article/stanley-hotel>

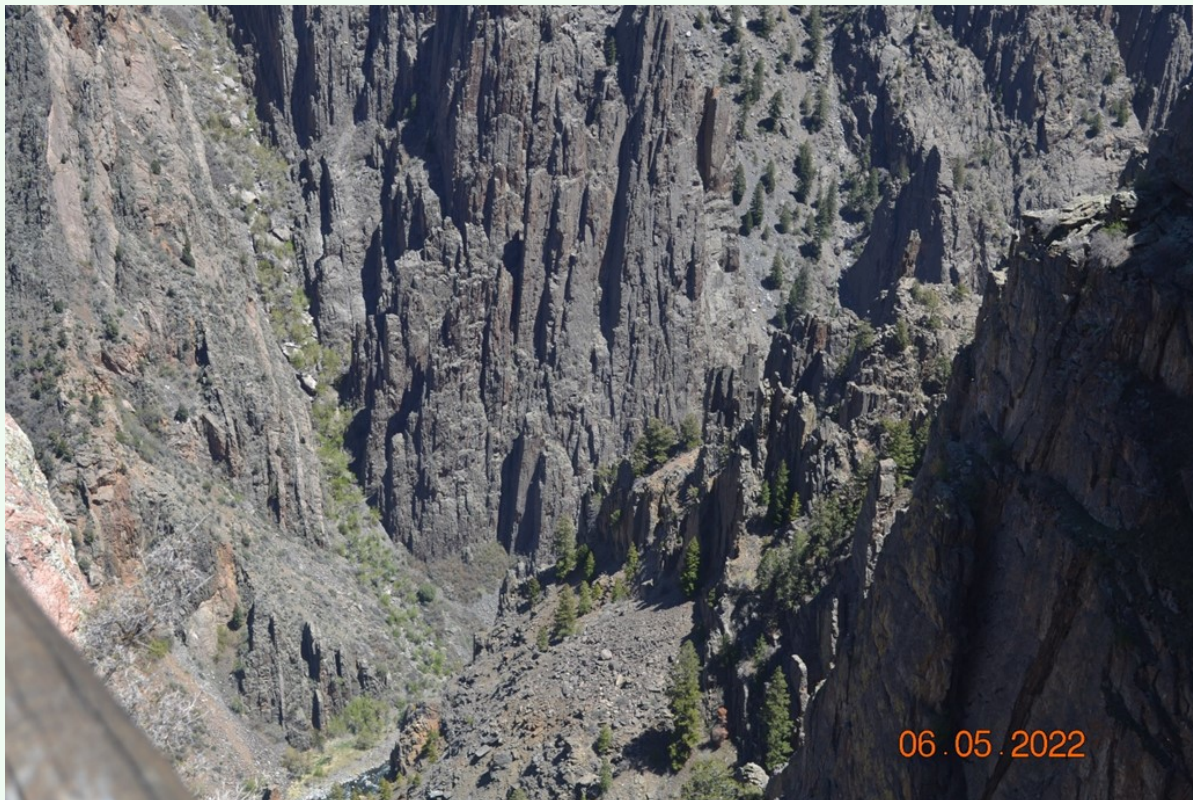


Next NP is Black Canyon of the Gunnison.



KU1V Black Canyon of the Gunnison NP





Preparing for the 3905 Century Club Nets and plans for moving West to next National Park.

https://en.wikipedia.org/wiki/Black_Canyon_of_the_Gunnison_National_Park

This seemed a time period when new cars were difficult to purchase and used cars were in short supply, however, passing through Delta, CO., I found several used cars on this lot.



Written, January 29, 2023

Until the next NP, 73 Mike KU1V

Mag Mounts

By Mike, KU1V



Those quick and easy mag mounts may not be all that quick and easy due to construction methods. I have two of the large three magnet, so called mag mounts, and have used them extensively for mo-

bile operations. Their generally an easy setup and work quite well with movement between different vehicles, i.e., rental cars. I will not mention any manufacture as construction techniques as seem about the same, in that generally a thru bolt is used for compressing coax wires, washers and other parts for coax contact to ground and antenna. As my SWR began to deteriorated I wonder why? Was it my old Ham Stick, tuner, or coax? With my antenna analyzer the problem was quickly found to be the mag Mount. What I discovered on disassembly is that once these antennas are subjected to high moisture the problems start – corrosion.

Two pictures of base plate with corrosion and then cleaned – look at the pits. Coax shield equally needed cleaning.



Generic Mag Mount



Coax to base plate



Example of antenna connection, again compression contact



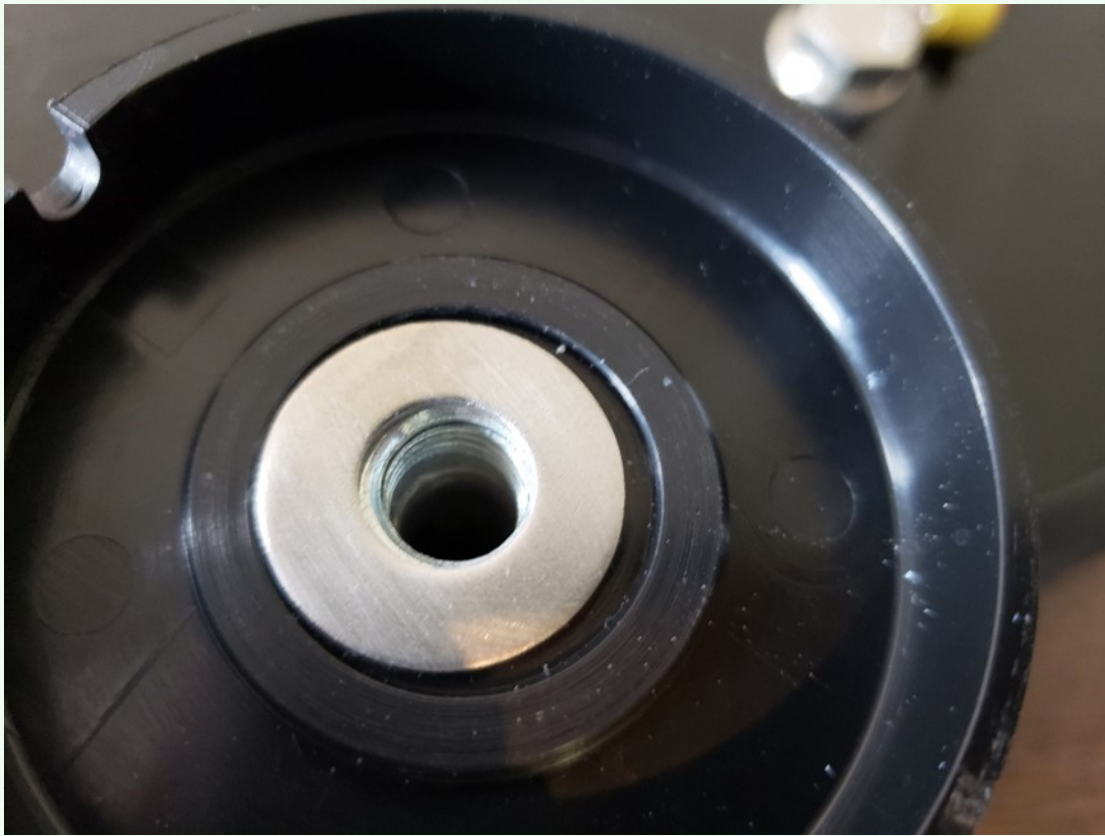
Bolt for center lead to antenna fitting



Top fitting where antenna connects



My other mag mount antenna bolt



Both of my mag mounts have been disassembled twice, so when I can, I take along a spare mag mount with extra radio.

On reassembly I add some anti-oxidation paste to the connections. Sooo... disassembly and maintenance, is the not so easy part of mag mounts.

Thin piece of cloth should help prevent scratching the vehicle as removal of these mag mounts can be a little difficult due strong magnet – oh yes, be careful while installing on your vehicle roof, as these mag mounts can give your fingers a good pinch.

Best 73 Mike KU1V

This article is republished from The Farmers Almanac and is an interesting history on the how and why of Daylight Saving time.

When Is Daylight Saving?

By The Editors Of the Farmers Almanac
February 3, 2023

Daylight Saving Time begins on Sunday, March 12, 2023, at 2:00 A.M. At this time, we “spring forward” one hour! See details about the history of “saving daylight” and why we still observe DST today.

What Is Daylight Saving Time?

Daylight Saving Time (DST) is the practice of moving the clocks forward one hour from Standard Time during the summer months and changing them back again in the fall. The general idea is that this allows us all to make better use of natural daylight: moving the clocks forward one hour in the spring grants us more daylight during summer evenings, while moving clocks back one hour in the fall grants us more daylight during winter mornings. However, DST has many detractors—and rightfully so! (Read more about this below.)

Daylight Saving Time 2023: When Does the Time Change?

Daylight Saving Time always begins on the second Sunday in March and ends on the first Sunday in November. To remember which way to set their clocks, folks often use the expression, “spring forward, fall back.” (Note that these dates are for locations in the United States and Canada only; other countries may follow different dates!)

Daylight Saving Time begins on Sunday, March 12, 2023 at 2:00 A.M.

On Saturday night, clocks are set forward one hour (i.e., losing one hour) to “spring forward.”

Daylight Saving Time ends on Sunday, November 5, 2023, at

2:00 A.M. On Saturday night, clocks are set back one hour (i.e., gaining one hour) to “fall back.”

Note: In the U.S., exceptions to DST are Arizona (except for the Navajo Nation), Hawaii, Puerto Rico, the U.S. Virgin Islands, Northern Mariana Islands, Guam, and American Samoa.

Is it Daylight “Saving” or “Savings” Time?

The correct term is “**Daylight Saving Time**” and not “**Daylight Savings Time**” (with an extra “s”), though many of us are guilty of saying it the wrong way. The technical explanation is that the word “saving” is singular because it acts as part of an adjective rather than a verb.

The History of Daylight Saving Time

Why Did Daylight Saving Time Start?

Should we blame Ben?

Benjamin Franklin’s “An Economical Project,” written in 1784, is the earliest known proposal to “save” daylight. It was whimsical in tone, advocating laws to compel citizens to rise at the crack of dawn to save the expense of candlelight:

“Every morning, as soon as the Sun rises, let all the bells in every church be set ringing: and if that is not sufficient, let cannon be fired in every street to wake the sluggards effectually... . Oblige a man to rise at four in the morning, and it is probable that he will go willingly to bed at eight in the evening.”

DST’s True Founder?

The first true proponent of Daylight Saving Time was an Englishman named William Willet. A London builder, he conceived the idea while riding his horse early one morning in 1907. He noticed that the shutters of houses were tightly closed even though the Sun had risen. In “The Waste of Daylight,” the manifesto of his personal light-saving campaign, Willet wrote, “Everyone appreciates the long, light evenings. Everyone laments their shrinkage as the days grow shorter; and nearly everyone has given utterance to a regret that the nearly clear, bright light of an early morning during Spring and Summer months is so seldom seen or used... . That so many as 210 hours of daylight are, to all intents and purposes, wasted every year is a defect in our civilization. Let England recognise and remedy it.”

Willet spent a small fortune lobbying businessmen, members of Parliament, and the U.S. Congress to put clocks ahead 20 minutes on each of the four Sundays in April, and reverse the process on consecutive Sundays in September. But his proposal was met mostly with ridicule.

One community opposed it on moral grounds, calling the practice the sin of “lying” about true time.

World War I Led to Adoption of DST

Attitudes changed after World War I broke out. The government and citizenry recognized the need to conserve coal used for heating homes. The Germans were the first to officially adopt the light-extending system in 1915, as a fuel-saving measure during World War I. This led to the introduction in 1916 of British Summer Time: From May 21 to October 1, clocks in Britain were put an hour ahead.

The United States followed in 1918, when Congress passed the Standard Time Act, which established the time zones. However, this was amidst great public opposition. A U.S. government Congressional Committee was formed to investigate the benefits of Daylight Saving



Time. Many Americans viewed the practice as an absurd attempt to make late sleepers get up early. Others thought that it was unnatural to follow “clock time” instead of “Sun time.” A columnist in the *Saturday*

***Evening Post* offered this alternative: “Why not ‘save summer’ by having June begin at the end of February?”**

With public opinion in its favor, Congress officially declared that all clocks would be moved ahead one hour at 2:00 A.M. on March 31,

1918. (Canada adopted a similar policy later the same year.) Americans were encouraged to turn off their lights and go to bed earlier than they normally did—at around 8:00 P.M.

Farmers Did NOT Favor DST

Many Americans wrongly point to farmers as the driving force behind Daylight Saving Time. In fact, farmers were its strongest opponents and, as a group, stubbornly resisted the change from the beginning.

When the war was over, the farmers and working-class people who had held their tongues began to speak out. They demanded an end to Daylight Saving Time, claiming that it benefited only office workers and the leisure class. The controversy put a spotlight on the growing gap between rural and urban dwellers. As a writer for the *Literary Digest* put it, “The farmer objects to doing his early chores in the dark merely so that his city brother, who is sound asleep at the time, may enjoy a daylight motor ride at eight in the evening.”

The Daylight Saving Time experiment lasted only until 1920, when the law was repealed due to opposition from dairy farmers (cows don’t pay attention to clocks). No fewer than 28 bills to repeal Daylight Saving Time had been introduced to Congress, and the law was removed from the books. American had tolerated Daylight Saving Time for about seven months.

DST Returns

The subject did not come up again until after the attack on Pearl Harbor, on December 7, 1941, and the United States was once again at war.

During World War II, Daylight Saving Time was imposed once again (this time year-round) to save fuel. Clocks were set one hour ahead to save energy.

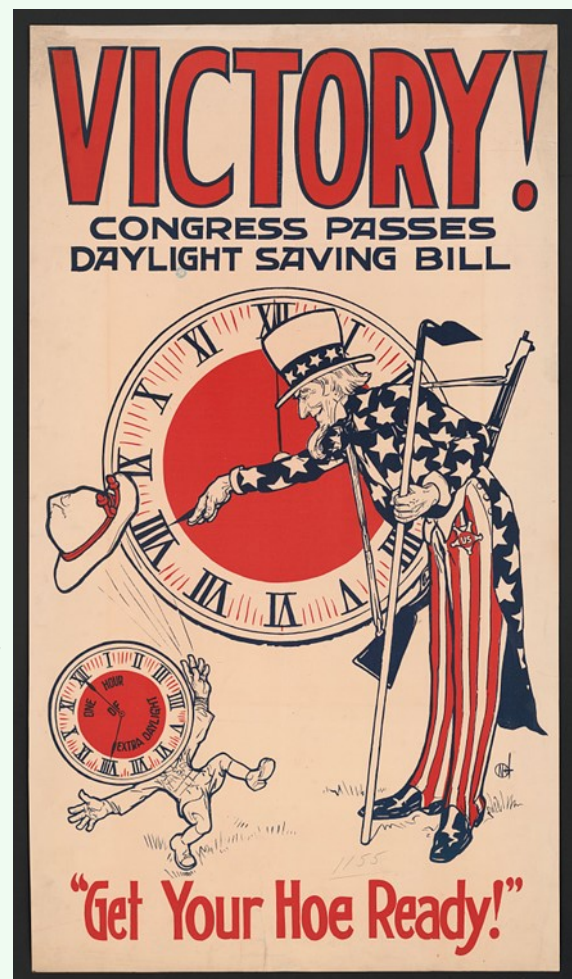
After the war (which concluded with Japan's final surrender on September 2, 1945), Daylight Saving Time started being used on and off in different states, beginning and ending on days of their choosing.

Local Differences and Inconsistency

Inconsistent adherence to time zones among the states created considerable confusion with interstate bus and train service. To remedy the situation, Congress passed the Uniform Time Act in 1966, establishing consistent use of Daylight Saving Time within the United States: Clocks were to be set ahead one hour on the last Sunday in April and one hour back on the last Sunday in October.

That was the rule, but some state legislatures took exception via a loophole that had been built into the law. Residents of Hawaii and most of Arizona did not change their clocks. Residents of Indiana, which straddles the Eastern and Central time zones, were sharply divided on Daylight Saving Time: Some counties employed it, some did not.

In 1986, the U.S. Congress approved a bill to increase the period of Daylight Saving Time, moving the start to the first Sunday in April. The goal was to conserve oil used for generating electricity—an estimated



300,000 barrels annually. (In 2005, the entire state of Indiana became the 48th state to observe Daylight Saving Time.)

Daylight Saving Time Today

The current daylight saving period was established with the Energy Policy Act of 2005, which went into effect in 2007.

Today, most Americans spring forward (turn clocks ahead and lose an hour) on the second Sunday in March (at 2:00 A.M.) and fall back (turn clocks back and gain an hour) on the first Sunday in November (at 2:00 A.M.). [See how your sunrise and sunset times will change with our Sunrise/set Calculator.](#)

However, farmers' organizations continue to lobby Congress against the practice, preferring early daylight to tend to their fields and a Standard Time sunset for ending their work at a reasonable hour. Some farmers point out that the Daylight Saving Time is deceptively misnamed.

"It is a gimmick that changes the relationship between 'Sun' time and 'clock' time but saves neither time nor daylight," says Katherine Dutro, spokesperson for the Indiana Farm Bureau.

Most of Canada is on Daylight Saving Time; only portions of Saskatchewan and small pockets of British Columbia remain on Standard Time year-round. However, the practice has its detractors. In the words of a current-day Canadian poultry producer, "The chickens do not adapt to the changed clock until several weeks have gone by, so the first week of April and the last week of October are very frustrating for us." Similarly, one Canadian researcher likened an increase in traffic accidents to the onset of Daylight Saving Time. Other experts insist that the extra hour of daylight reduces crime.

As of January 2023, 19 states have passed bills to end the practice of switching clocks. However, the legislation can only go into effect if *federal* law changes. The Uniform Time Act would need to be amended to allow such a change. In early 2022, a bill to enact permanent Daylight Saving Time unanimously passed in the Senate, but it was not taken up by the House and will now have to be reintroduced in order to have any chance of moving forward.

March 2023 Club Events

Note: Regular Board Meetings are always held on the second Saturday of each month, local time at 9PM Eastern, 8PM Central, 7PM Mountain, 6PM Pacific.

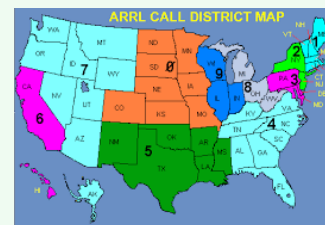


- 3905CCN Board Meeting: Saturday, March 11, 2023



Weekly Zoom Meeting on Wednesdays at 01:30pm Pacific Time. Check your email for the Zoom log-in information.

Road Trips!



See the KL7JR Trip Update on page 4!

CLASSIFIED ADS

This section is for members who would like to sell, swap, or purchase ham gear. If you would like to list your equipment here, please send the information to k7qhu@outlook.com. The deadline for ads is the 30th of the month.



No Member Classified Ads Were Submitted For This Issue

Fun Facts About Our Nets In February

Did you know we had **632 unique U.S. Stations** that checked into our nets during the month of February, 2023. Check to see if you made the list!

AA0BH	K2SFS	K9LQZ	KC3CFH	KD9UOB	KI0Y	KN4LGM	N0PUI	N8CJG	W4KWS	WB6POJ
AA0HF	K2YN	K9SIL	KC3IBH	KD9VLX	KI4CLZ	KN4SLS	N0RCT	N8ELA	W4LEM	WB8BHK
AA0JP	K2YS	KA0BMX	KC3MTI	KE0RUJ	KI4EED	KN4TGH	N0SAJ	N8HLC	W4LOK	WB8UUB
AA0ZP	K3ARZ	KA1RJQ	KC3QYE	KE0SEZ	KI4EGQ	KN4YOB	N0VLR	N8PBJ	W4MFT	WB9TQW
AA1NA	K3AXR	KA1ULN	KC3SEO	KE0SYO	KI4FSZ	KN6EEE	N0VPN	N8PQV	W4MUF	WB9VRQ
AA1NZ	K3BDM	KA2FWC	KC3SSG	KE0TIN	KI4K GK	KN6RSX	N1ABY	N8TZ	W4PRK	WD0FYF
AA1XD	K3CD	KA2YDS	KC3TIU	KE0VJI	KI4QMB	KN6STC	N1GKE	N8V	W4RHB	WD4ADF
AA5AS	K3CRM	KA2YEG	KC3TLK	KE0VWL	KI4WCQ	KO4DHA	N1JWS	N9BFI	W4SAL	WD8BTD
AA8CL	K3ROD	KA5PMV	KC3TUB	KE0WNL	KI4YFH	KO4ENW	N1PGF	N9DOK	W4ZDP	WD8LLA
AB3VK	K3UNX	KA6GSE	KC5IVT	KE1AF	KI4YTV	KO4FUD	N1REK	N9PCF	W4ZWW	WE4FUN
AB5SJ	K4AJJ	KA6HUM	KC5RJL	KE2AKA	KI5DQ	KO4KDN	N1SEP	N9SES	W5EWL	WF4H
AB8YZ	K4BBH	KA9TBU	KC8IKW	KE2AKQ	KI5EGH	KO4KRB	N1TEM	N9VDT	W5EZR	WF4ROG
AC0QG	K4GCD	KB0BK	KC8JT	KE3UY	KI5JDC	KO4MEX	N1TKO	NC6U	W5MKC	WG0I
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AC1MM	K4ITB	KB0EL	KC9CMT	KE5LLY	KI5OKI	KO4MOL	N2ADP	NC8N	W5NZE	WI8W
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AC2MT	K4JEL	KB0UZZ	KC9HUM	KE7RG	KI5SUD	KO4ODX	N2HRH	NF2Q	W5UOT	WN0P
AC6DX	K4JNG	KB1LXJ	KC9IKB	KE8AMK	KI5UPP	KO4PIV	N2IGW	NH7DX	W5WJN	WN1F
AD2ER	K4KCP	KB1OHE	KC9VOF	KE8GC	KI5UXC	KO4PMQ	N2IP	NI0A	W6AOY	WN8SCI
AD3AA	K4KCR	KB1PJC	KC9YTT	KE8IOR	KI5VHC	KO4RAK	N2KED	NI4BK	W6LZY	WN9ZWC
AD4GH	K4LO	KB1XP	KC9YY	KE8LGC	KI5YOY	KO4RUL	N2OHZ	NM1O	W6MHS	WO2CC
AD5QA	K4LOB	KB2ENF	KD0EVP	KE8OGT	KI5ZHS	KO4SOW	N2OWE	NN0PE	W6PNY	WO5S
AD5XD	K4MJF	KB2MN	KD0JEF	KE8OVP	KI6DHL	KO4TUP	N2QIL	NN9T	W6RWF	WR6K
AD8II	K4MN	KB2MZU	KD0MEI	KE8RNS	KI7PM	KO4UFD	N2UNL	NO2CC	W7CAR	WR8WM
AE0IR	K4NK	KB2OSN	KD0QIX	KE8RQR	KI7PSO	KO4UQK	N2XTT	NW3C	W7SCD	WS2Q
AE4CX	K4OEK	KB2PIZ	KD0VXC	KE8RRG	KI7TKS	KO4VVG	N2ZD	NY0ES	W8BBL	WS3F
AE4NT	K4PDO	KB3HTD	KD0WGB	KE8UEX	KJ4JKW	KO4WVC	N3BGI	VA3TUV	W8BI	WU2T
AE5LO	K4PVK	KB3LPE	KD1GA	KE8UNW	KJ4OFD	KO4WYA	N3DME	VE6YPY	W8DDS	WV7MS
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AF5P	K4ROC	KB3PTA	KD2IBP	KE8UWD	KJ4UAU	KO4ZVC	N3OAW	VE8RST	W8LUE	WW5DD
AF8GO	K4SHA	KB3WVI	KD2IOB	KE8WKS	KJ5MI	KP2JR	N3XIB	VY0RST	W8NET	WX8G
AG4JH	K4TER	KB4ECV	KD2TZX	KE8WLW	KJ6EEP	KQ0EEE	N3ZEP	VY1RST	W8RQE	WY0MNG
AG5T	K4VML	KB5CC	KD2UDP	KF0BWA	KJ7VDZ	KQ4AOQ	N4ACE	W0GKP	W9BLI	
AG5Z	K4VVE	KB5QAI	KD2YRX	KF0CPN	KK4DFP	KQ4AXT	N4BLD	W0JKT	W9KNI	
AI4IE	K5AKM	KB5QFS	KD2ZJK	KF0DNN	KK4DZP	KQ4BPZ	N4CCC	W1AXX	W9LR	
AI4K	K5CRI	KB6KB	KD3Y	KF0EAO	KK4PQU	KQ4BRG	N4HNO	W1IP	W9LVA	
AI4YC	K5GEB	KB6LFM	KD4AKM	KF0EAU	KK4YAV	KQ4BWB	N4JKD	W1MQ	W9ROG	
AI5CD	K5TPC	KB7RAC	KD4EYF	KF0GUS	KK5XU	KQ4CIA	N4PSX	W1PEF	W9VOP	
AI7GA	K5VG	KB7WCS	KD4GUB	KF0LGL	KK7ECY	KQ4CST	N4SKI	W1SFS	W9WWG	
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AI8W	K6ODI	KB8UEY	KD4WKP	KF4GNV	KK7GBE	KQ4ENL	N4VS	W1YTQ	WA0O	
AJ4AC	K7BNY	KB8UGP	KD5RSS	KF4QDS	KL5HB	KQ4FYF	N4XE	W2AKI	WA0ROH	
AJ4D	K7BSL	KB8VIN	KD5ZMM	KF4QON	KL7CCN	KQ4GDM	N5ANY	W2FEC	WA1FFT	
AJ4UO	K7CPY	KB9CON	KD6OAU	KF5JLB	KL7JR	KR0DS	N5DMK	W2GAN	WA1LNY	
AK4AT	K7MKA	KB9OGS	KD8MCA	KF6IJZ	KL7OR	KR4KN	N5DY	W2JLD	WA2BTC	
AK4SZ	K7NHC	KB9VUI	KD8SAV	KF7BXH	KL7RST	KT4R	N5GED	W2MZF	WA2JIM	
HJH	K7QHU	KC0DVV	KD8TJB	KF7CAH	KM4AF	KU1V	N5ITO	W2RCH	WA3JKD	
JY1	K7RAN	KC0INP	KD8TQY	KF7HNC	KM4DCQ	KU4RC	N5JDT	W2TI	WA4BKL	
K0BMN	K7TSW	KC0MS	KD8YUS	KG0HI	KM4JPL	KV4IS	N5KUC	W2WCM	WA4NID	
K0BOW	K7YVD	KC1FMD	KD8YWF	KG4GTR	KM4KUW	KW5DRE	N5OHL	W2ZTL	WA4RDZ	
K0FCL	K8BAC	KC1PKX	KD9DEG	KG4ORR	KM4P	KY1KY	N5SGC	W3ASW	WA5TQB	
K0IBZ	K8CPT	KC1QIA	KD9DST	KG4ZOD	KM4RGN	KY4FF	N5TXL	W3DOV	WA6CGR	
K0KL	K8EG	KC1RMY	KD9EYE	KG5GOG	KM4RKO	KY4NY	N5WGA	W3DRK	WB0OAD	
K1ALF	K8GIB	KC1RUH	KD9FJU	KG5IEF	KM9U	KY4SV	N5XJT	W3NKA	WB1LL	
K1HL	K8MSF	KC1SGB	KD9HPR	KG5KYX	KN4AO	N0DBN	N6ELH	W3PDW	WB2AFC	
K1WZZ	K8SSN	KC1YL	KD9LEY	KG5RJ	KN4CQB	N0FU	N6GC	W3QD	WB2LZM	
K2LED	K8TJ	KC2DAQ	KD9MAK	KG5SSB	KN4EUK	N0ISV	N7HRI	W4CBH	WB4BOJ	
K2MOL	K8TMJ	KC2HEI	KD9PXZ	KG8WL	KN4FMH	N0JGS	N7HRR	W4CCN	WB4NWV	
K2PZB	K9DBB	KC2MMC	KD9SUZ	KH6XS	KN4JZR	N0MOO	N7LPG	W4GMI	WB5VTT	
K2S	K9GWS	KC3BFS	KD9TJX	KI0HI	KN4KZW	N0PF	N7RCE	W4JPS	WB5VTX	

Did you know we had 43 unique DX Stations that checked into our nets during the month of February. There were 23 Canadian DX stations and 20 Other DX stations. As for new stations, we had 337 unique new stations check into the nets in February.

23 CANADIAN DX STATIONS

K2S/P	VE3CMB	VE7ODM
K7ICE/P	VE3GXK	VO1HI
KL7CCN/P	VE3HMK	VO1OM
VA1SNL	VE3JR	
VA3IRF	VE3OJH	
VA3OBJ	VE3TPD	
VA3PLJ	VE3YWN	
VA3YKT	VE4QZ	
VA7JGH	VE6WND	
VE3HMK	VO1OM	

20 OTHER DX STATIONS

8P4KM	Barbados	40m SSB E	M6GLJ	England	20m SSB
CO6DE	Cuba	40m SSB E	MI3PTW	N. Ireland	20m SSB
EA8DMF	Trinidad	75m SSB L	N8V/ KP2	Virgin Is.	40m SSB E
HI5MAH	Dominican R.	40m SSB E	PJ7AR	St. Maarten	40m SSB L
HP1DAV	Panama	40m SSB E	R4FBH	Russia	40m SSB L
IU8PLG	Italy	40m SSB L	UY2VM	Ukraine	40m SSB L
IZ8DSX	Italy	20m SSB	VP2EIH	Anguilla	75m SSB E
J69AK	St. Lucia	40m SSB L	W0JKT/p	Puerto Rico	75m SSB L
KP2JR/KP2	Virgin Is.	40m SSB E	W3UN/p	Granada	40m SSB L
LZ1IG	Bulgaria	40m SSB L	W8NET/KP2	Virgin Is.	40m SSB E

337 NEW STATIONS

AA0JP	K4ITB	KB3HTD	KC9VOF	KE2AKQ	KI5VHC	KO4RAK	N1JWS	NY0ES	WA0CBK
AA1XD	K4JDY	KB3PET	KC9YTT	KE4EKX	KI5YOV	KO4RUL	N1REK	VA3OBJ	WA3JKD
AA5AS	K4KCP	KB3PTA	KD0JEF	KE5LLY	KI5ZHS	KO4TUP	N1SEP	VO1HI	WA4RDZ
AB3VK	K4KCR	KB3WVI	KD0QIX	KE5WNY	KI6DHL	KO4UFD	N1TEM	W1AXX	WA6CGR
AC1LC	K4LOB	KB4ECV	KD0VXC	KE8IOR	KI7PSO	KO4UQK	N1TKO	W1YTQ	WB0OAD
AC1MM	K4MJF	KB5CC	KD2IBP	KE8OGT	KI7TKS	KO4VVG	N2HRH	W2AKI	WB4BOJ
AC6DX	K4OEK	KB5QAI	KD2IOB	KE8OVP	KJ4JKW	KO4WVC	N2OHZ	W2GAN	WB4NWV
AD2ER	K4PDO	KB5QFS	KD2UDP	KE8RNS	KJ4UAU	KO4WYA	N2UNL	W2MZF	WB5VTX
AD5QA	K4RKX	KB6LFM	KD2YRX	KE8UEX	KJ5MI	KO4ZTV	N2ZD	W3ASW	WB8BHK
AD8II	K4ROC	KB7WCS	KD2ZJK	KE8UNW	KK4DFP	KO4ZVC	N3DME	W3DRK	WB8UUB
AE0IR	K4VML	KB8PRU	KD4AKM	KE8UWD	KK4YAV	KQ4AOQ	N3OAW	W3NKA	WB9VRQ
AE4CX	K5AKM	KB8VIN	KD4EYF	KE8WLW	KK5XU	KQ4AXT	N3XIB	W3QD	WD4ADF
AE5LO	K5CRI	KB9CON	KD4IMA	KF0BWA	KK7ECY	KQ4BRG	N3ZEP	W4GMI	WD8BTD
AF8GO	K7BSL	KB9OGS	KD4WKP	KF0CPN	KK7FJX	KQ4CST	N4BLD	W4JPS	WD8LLA
AI4IE	K7NHC	KB9VUI	KD5RSS	KF0DNN	KK7GBE	KQ4EDP	N4CCC	W4KWS	WH6JW
AI4YC	K7RAN	KC0INP	KD5ZMM	KF0EAU	KM4JPL	KQ4ENL	N4HNO	W4LEM	WO5S
AI5CD	K7YVD	KC1FMD	KD8MCA	KF0LGL	KM4KUW	KQ4FYF	N4JKD	W4LOK	WP3BM
AI7GA	K8BAC	KC1PKX	KD8YUS	KF4CRC	KM4RGN	KQ4GDM	N4VS	W4MFT	WR6K
AJ4D	K8CPT	KC1RMY	KD9FJU	KF4GNV	KM4RKO	KR4KN	N4XE	W4SAL	WS2Q
AJ4UO	K8TMJ	KC1RUH	KD9HPR	KF4QDS	KN4AO	KT4R	N5ANY	W4ZDP	WS3F
K0BMN	K9SIL	KC1SGB	KD9LEY	KF4QON	KN4FMH	KU4RC	N5DMK	W4ZWW	WV7MS
K0BOW	KA1RJQ	KC2MMC	KD9MAK	KF5JLB	KN4JZR	KV4IS	N5GED	W5EWL	WX8G
K0IBZ	KA2FWC	KC3BFS	KD9PXZ	KF7CAH	KN4KZW	KW5DRE	N5SGC	W5EZR	
K0KL	KA2YEG	KC3MTI	KD9SUZ	KG5IEF	KN4SLS	KY4NY	N5TXL	W5NZE	
K1ALF	KA5PMV	KC3SEO	KD9TJX	KG5KYX	KN4TGH	KY4SV	N6ELH	W5THC	
K1HL	KA6HUM	KC3SSG	KD9UOB	KI4CLZ	KN4YOB	N0DBN	N7HRR	W6AOY	
K1WZZ	KA9TBU	KC3TLK	KD9VLX	KI4EED	KN6EEE	N0ISV	N8CJG	W6LZY	
K2LED	KB0CFD	KC3TUB	KE0RUJ	KI4EGQ	KO4ENW	N0JGS	N8HLC	W6MHS	
K2PZB	KB0RJS	KC5RJL	KE0SEZ	KI4KGK	KO4KDN	N0MOO	N8PBJ	W6RWF	
K2YN	KB0UZZ	KC8IKW	KE0SYO	KI4YFH	KO4MIM	N0PF	N8PQV	W8BBL	
K3AXR	KB1LXJ	KC8JT	KE0TIN	KI4YTV	KO4MOL	N0RCT	N9DOK	W8LUE	
K3CRM	KB1OHE	KC8LBF	KE0VJI	KI5EGH	KO4NKQ	N0SAJ	NC6U	W8RQE	
K3ROD	KB1PJC	KC9CMT	KE0VWL	KI5JDC	KO4ODX	N0VLR	NF2Q	W9KNI	
K4AJJ	KB2MZU	KC9CTI	KE0WNL	KI5OKI	KO4PIV	N0VPN	NM1O	W9LR	
K4BBH	KB2OSN	KC9IKB	KE2AKA	KI5SUD	KO4PMQ	N1GKE	NW3C	W9LVA	

Unique Check-Ins By State and SSB Net

February, 2023

State	75M SSB EARLY	75M SSB LATE	40M SSB EARLY	40M SSB LATE	20M SSB	State	75M SSB EARLY	75M SSB LATE	40M SSB EARLY	40M SSB LATE	20M SSB
Alabama	0	0	8	2	5	Montana	1	0	0	1	1
Alaska	0	0	0	1	0	North Carolina	6	4	18	6	4
Arkansas	0	0	2	1	0	North Dakota	0	0	2	0	0
Arizona	0	1	1	2	1	Nebraska	0	0	2	1	0
California	0	1	2	12	0	New Hampshire	0	0	3	0	2
Colorado	0	0	4	4	1	New Jersey	0	0	5	3	4
Connecticut	2	1	4	1	0	New Mexico	1	0	2	1	0
Delaware	0	0	3	0	1	Nevada	1	1	1	3	0
Florida	5	1	37	11	11	New York	5	1	8	2	5
Georgia	4	1	7	1	0	Ohio	3	0	16	4	4
Hawaii	0	0	0	0	0	Oklahoma	1	1	0	3	6
Iowa	0	0	6	2	0	Oregon	0	0	3	4	0
Idaho	0	0	2	2	1	Pennsylvania	2	1	9	4	4
Illinois	2	1	5	4	2	Rhode Island	0	0	2	0	1
Indiana	1	0	6	4	1	South Carolina	6	1	5	2	4
Kansas	1	1	6	0	0	South Dakota	0	0	2	0	0
Kentucky	0	0	8	3	2	Tennessee	0	0	11	6	4
Louisiana	1	0	4	0	0	Texas	3	1	20	7	8
Massachusetts	2	0	1	6	0	Utah	0	0	1	1	1
Maryland	0	0	3	0	1	Virginia	7	1	11	6	4
Maine	1	1	4	0	2	Vermont	0	0	0	0	0
Michigan	2	0	12	4	4	Washington	0	0	1	0	0
Minnesota	1	1	4	1	5	Wisconsin	1	0	4	0	3
Missouri	1	0	7	4	6	West Virginia	0	1	5	2	0
Mississippi	2	1	0	0	2	Wyoming	0	0	2	1	1

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Thanks to N6RSH, Steve Panattoni for the smile!

