

# County Hunter News

February 1, 2010  
Volume 6, Issue 2

Welcome to the On-Line County Hunter News, a monthly publication for those interested in county hunting, with an orientation toward CW operation.

Contributions of articles, stories, letters, and pictures to the editor are welcomed, and may be included in future issues at the editor's discretion.

The County Hunter News will provide you with interesting, thought provoking articles, articles of county hunting history, or about county hunters or events, ham radio or electronics history, general ham radio interest, and provide news of upcoming operating events.

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CW County Hunter Nets run on 14.0565, 10.122.5, and 7056.5, with activity occasionally on 3556.5 KHz. Also, with low sunspot activity, most of the SSB activity now is on 'friendly net' 7188/7185 KHz. The cw folks are now pioneering 17M operation on 18.0915. (21.0565, 24.9155, and 28.0565 when sunspots better). Look around 18135 or 18.132.5 for occasional 17M SSB runs.

You can see live spots of county hunter activity at [ch.W6RK.com](http://ch.W6RK.com)

For information on county hunting, check out the following resources:

The USACA award is sponsored by CQ Magazine. Rules and information are here: <http://countyhunter.com/cq.htm>

For general information FAQ on County Hunting, check out: <http://countyhunter.com/whatis.htm>

MARAC sponsors an award program for many other county hunting awards. You can find information on these awards and the rules at:  
[http://countyhunter.com/marac\\_information\\_package.htm](http://countyhunter.com/marac_information_package.htm)

The CW net procedure is written up at:  
<http://www.wd3p.net/ch/netproc/netproc.htm>

There is a lot more information at [www.countyhunter.com](http://www.countyhunter.com) . Back issues of the County Hunter News are available at [www.CHNewsonline.com](http://www.CHNewsonline.com)

De N4CD (email: [telegraphy@verizon.net](mailto:telegraphy@verizon.net) )

## Notes from the Editor



N4CD Bob USACA #883

**1) January** – It's not been a great month in county hunting history for catching counties. On the good side, there are now multiple sunspots with the SSN up at 30 and 40 many days, and the flux over 80 and headed toward 90 at times. However, the ionosphere seems not to be paying attention and 20M and up are still fairly for much of the country. The month has had a fair amount of typical bad weather with snow and storms about which has slowed down mobile activity.

On the good side of things, there are still a few dedicated mobiles out there on trips - headed back and forth across the country or out on business trips here and there. We've hit a 'minimum' it seems in activity.

Next month, we begin the yearly cycle of QSO Parties with a good group to start out. Maybe someone will go mobile this year in Delaware (not that far from several county hunter mobile's home QTHs) and give us all three counties on the air this year. NH and VT QSO Parties have often been quiet as the enthusiasm is usually reserved for the New England QSO Party, but often several good fixed stations are on to give out their counties in each QSO party. We can always hope for a good turnout.

MS and MN have usually been excellent, and last year there were mobiles out in LA. Maybe a few others can slide in there - it occurs during the mini-weekend in south TX. Will KS5A and NN9K head to MS again this year? Will KB6UF give out a few? Will the other MS mobiles show up? Same for MN.

Anyone up for the NM QSO Party? That's another opportunity to run some good counties. There are a few county hunter in NM.

Some county hunters are still likely recovering from the holiday season (especially the credit cards). Gas has crept up to \$2.50 to \$3.00/gallon as oil prices have stayed in the \$70-80/bbl range. It helps to have a reasonably efficient vehicle these days.

There are still lots of needs, and new county hunters always need all the counties. Let's see if we can't get some areas of the country activated. The state QSO Parties always have folks 'hunting' for the counties.

## **2) Mobile Activity in Late Dec/Jan**

There were a quite few mobiles who ventured out in the cold weather and snow. Some days it was good on cw. Other days it's good on SSB. Some days it's counties to chase on both modes. Many times it was not good on any mode - lack of mobiles. Many days there was little to be happy about - no counties you needed, or no activity within 500 miles of your needs. With the new awards for no-star, and interest in natural bingo, plus the regulars working on Bingo N, Nth time around, and the other multiple

Marac awards, there are always folks looking to work mobiles out and about. Much of the activity has centered on 40M.

Susan, **WA6OCV**, and Dennis, **N6PDB**, headed east from CA. After Jan 1, Susan became one of the first 'no star' mobiles running.

Larry, **N2OCW** was off in PA and NJ putting out the counties on 20 and 40M SSB.

**N7IV**, good for 'no stars' award, was busy on cw running back to ND the first few days of January. Temps were near zero all day up there, with wind chills lower. Definitely winter weather.

Jim, **N9JF**, was off on several trips this past month. He went this way. He want that way. OK, MO, NC, KY, IL, IN and places in between. Many opportunities for those on cw.

Cliff, **K6JN**, and Nelda, **W6XJN**, were headed back east again – SSB. Good for the 'team award' and stars, too.

Seth, **N3MRA**, another good for the 'no star' award, was out and about in various states around the country.

Chris, **WY7ML**, good for 'no stars' and Leo, **WY7LL**, returned from their visit to IL – putting out counties. On one or two other days, they were also busy mobile.

Mark, **W8MP**, took a trip to FL, and ran lots of counties down and back on cw.

Gene, **WB4KZW**, was spotted in several states putting them out.

The South Dakota QSO Party was held Dec 26 – no mobiles spotted – full report later on.

**K5NVY**, a new mobile, was in TX was on putting them out.

Ron, **KB6UF**, took yet another short trip in LA to put out some needed counties.

Dan, **KM9X**, and Judy, **KB9MGI**, were spotted in IN and KY.

Tom, **K8YJ** spotted down in GA and elsewhere. He's good for the no-star award.

Karl, **K4YT**, was mobile over in MD and WV. Then he went off to play DX at ST2AR.

Quent, **K5TVC** was mobile in OK and TX.

Jim, **W8FNW**, was mobile in GA and SC.

**KB6HWD**, another good for 'no stars', was out and about – TX and other states.

Dick, **W3DQT**, was in WV and MD mobile over the holidays.

**WB5TMW** was spotted in his normal places in TX and OK. Good for the no-star so should have a bunch more takers this month! Rich, **W8RCW**, good for no stars, were out running over the holidays.

Jim, **K4DI**, was in the spots listings over the holidays.

Jim, **W4HSA**, Lowell, **KB0BA**, Sandra, **N0XYL**, were out and about.

**NS7F** made a run in AZ to put them out.

Jack, **WD4OIN**, Don, **W9GUY**, Brady, **WA4RNN**, Dave, **KE3VV**, Mike, **W0MU**, and Jim, **K0ARS** were also out on trips. Matt, **W0NAC**, and Sharon, **N0LXJ**, were noted in CO mobile.

**KZ2R** was spotted in FL headed around in many counties on SSB .

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Things slowed down a bit in January. Way down.

Jim, **N9JF**, and Jim, **K0ARS** were on the road putting out the counties. Lots of counties on 40M. N9JF also running on 80M giving out counties late at night on 80 cw.

**KA4RRU** made a trip in VA. Jim, **N4JT**, was out and about in NC a few times during the month. Duane, **WV2B**, headed over to Northeast NY, then later to the NYC area.

Matt, **W0NAC**, and Sharon, **N0LXJ**, put out some COLO counties. Larry, **N2OCW**, was out and about as well. Ron, **KA3DRO** ran in FL.

Bill, **K2HVN** headed south, then back north, running them. He tended to stay on 40M as the screwdriver antenna would freeze up with the cold weather. Occasionally he'd be up on 20M. With warmer weather, the screwdriver worked fine.

Kirby, **W8DCD**, out and about. He's trying hard to lose his 'no star' status by finishing up.

Jimmy, **K4YFH**, was running all over TX during January.

**WB5YDH** was spotted running counties in OLKA.

Ed, **K8ZZ**, was out and about in MI. Then he headed off to Texas the county hunter way – also was on 80M cw for the folks. He was busy on 80-17M CW and on SSB 40/20M.

Gene, **N4ANV** was on the road – spotted down in FL in counties.

**KG5RJ**, Greg, was spotted in a few in TX.

Tim, **KD5CXO** made a trip to MS. **N5UZW**, Joe, was out and about many times in AR and MS and nearby.

**W3DLM** spotted out and about in PA. **K5EQY** spotted in KS and MO.

Ed, **KN4Y**, popped up in FL mobile. Terry, **WQ7A**, ran in WA state.

Whew – well, that was quite a few mobiles. Not too many out in 'the west'. Great amounts of silence in MT, ID, OR, CA, UT, NV, and New England – just not traveling weather in those places, and few active mobiles that way.

Then again, likely 400 or more counties were activated in January, so we shouldn't be too unhappy! Come February, we have the state QSO Parties and other events to keep folks busy chasing mobiles.

## On the Road with N4CD I

N4CD was bored. There was almost no activity on the radio. I even looked around for special event stations – K3C was in Carroll, MD on Saturday – a special event Christmas station – good for Natural Bingo. I worked and logged him – and spotted it – on 20M SSB. You know I'm getting desperate when I start looking over on cw for anything to work.

The snow had piled up to a depth of 3 inches in Dallas, which was enough to cause mass panic and shut down most of the area. We have lots of multi-level overpasses – and they freeze up quickly and bring traffic to a grinding halt easily. To the west the snow was a foot or more, with 50 mile per hour winds and 5 foot snow drifts - closing the interstates for 15 to 20 hours with hundreds of cars stranded on I-20 toward Abilene. Route 287 up to Wichita County had 500 more cars stranded overnight on the 4 lane highway on Christmas Eve. I-35 to OK was shut down. Half of Oklahoma was a disaster area and I-40 was shut down for a day. Thousands were stranded and simply abandoned cars. That storm brought blizzard conditions to NE, IA, the Dakotas and Minnesota then moved east. It wasn't a time to be mobile. I stayed home and watched in on TV.

A day after Christmas, the South Dakota QSO Party was held. With half the state still shut down from the big snow – there wasn't any mobile activity. About 10 fixed stations were spotted – a few on SSB, a few on CW and a few on PSK-31. There was no 20M propagation here so that left just 2 in the log on 40M for the day long event. Nature slammed the door on that one. K7RE had intended to go mobile. NF0N might have gone too...but the interstate by his house was shut down by authorities. He decided to sit this one out.

By Sunday, the roads here in TX were good – melted off except for a few slick spots shaded by trees or obstacles. After a leisurely breakfast while

reading the big Sunday paper, I just decided on the spur of the moment to head north to OK to get a few for the folks. Marshall OK was on the needed list and I could hit a few others on a 300 mile trip – IF the roads were OK. I figured I'd go north – if the road conditions weren't good, I would head back home. I'd been caught by bad weather there before in January and had to spent hours and hours just getting back home on very slippery roads. That is no fun at all.

Most of the storm had been to the northwest from here so I was hoping it would be OK in OK going straight north, then east. It's about 90 miles up to Marshall County – which Jerry, W0GXQ and others needed. The road stayed clear – traffic was moving at 65-70 on the way up.

It went well – the only snow was on the north side of trees and gullies and under some underpasses with some slick spots not yet melted. Where was 20M? Dang – it was 11 am before much was happening on 20cw and SSB. I ran on 30M with great runs – and 40M also good with the east coast coming in – and working the west coast on CW. 17M started working about 11am local time – worked from 2 to 10 on 17M – mostly long skip, but a few times into CO. 40M SSB worked well with WY0A, N5UZW, WA9DLB, KI7WO and others pitching in on relays.

So why not continue with the trip – with Johnston, Coal, Atoka, then over to Pushmataha and Choctaw...then back through Texas to home? That was the original plan, but it totally depended upon road conditions. Temps were in the low 30s but the sun was out.

Well, other than lots of contacts on 40 and 30, and a handful on 20M, there is not much else to report. Things went well. W8FNW was putting out North Carolina and Georgia counties by the handful and wound up in SC on 40M SSB. Larry, N2OCW was in PA and WV running on 40M SSB. Karl, K4YT was in MD and PA mobile – running on 40M mobile – SSB and CW. I stopped for about half the counties. I showed up on 20M SSB a few times – there was a friendly group there. For those hunting Natural Bingo counties, I hit Coal and Choctaw on this trip for the “C”s and the Natural Bingo.

After the short trip in OK, it was back to TX – Lamar and Fannin – then I cruised the rest of the way back home listening to the broadcast radio. Since it was Sunday night, I stopped at Cici's Pizza and had a nice meal for \$5.40



after 330 miles of driving. The sun was already getting down by a bit after 5pm. I'll be happy when we have longer days giving more time for mobile operation.

Now they are talking more snow in a day or two – so I'm glad I got some mobile time in – who knows where I'll be in the next week or two with the recurring snows. Who turned on the snow machine this winter in Dallas?

That was it for county hunting trips, and that was December. The county hunting car didn't make it anywhere in January.

## South Dakota QSO Party

Murphy struck with a vengeance. The entire state of SD was whacked with a major blizzard and snow storm two days before the SD QSO Party. Interstates were closed with large snow drifts. Needless to say, the planned operations by K7RE/m, and NF0N/m didn't happen. Activity was limited to fixed stations – a few on CW, a few on SSB, and a few on digital.

Active stations:

CW – K7RE, K0JV, WD0T

SSB – WB0VBW, N0ARU,

PSK31 – KB0QBT,

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From the 3830 contest reflector:

**W4UCW** - heard 4, worked 4

**KS4X** – heard and worked 3

# County Lines on Garmin GPS

From the K3IMC forum:

“KB0BA gave the initial advice on this. Here was the link to get the download. This is where I got mine.

<http://www.gpsfiledepot.com/>

I read up on it for a good while to figure it out. You have to download the MAPCENTER program. And the TRAINING CENTER or you can not get the county lines on. Need high speed internet.

Here is the link to that down load..do first. You have to have both of those programs listed here first. The MAPCENTER is kind of the working program to push the county line program into the GPS. The TRAINING thing is never used but YOU MUST HAVE IT. You can look in tutorials or copy and paste:

<http://www.gpsfiledepot.com/tutorials/how-to-install-mapsource-if-it-didnt-come-with-your-gps/>

This link will get you to the US map overlay for counties:

<http://www.gpsfiledepot.com/maps/view/10/>

I hope this helps. I found when it says close all other programs when you install the MAPCENTER and TRAINING CENTER, they mean it. I lost half an hr by not closing the webpages I had up and other stuff. The county lines file never would show up in MAPCENTER until I closed everything and installed those two programs and then unzipped the file and there it was.

You have to have the cable from your GPS and to the USB of you computer.

I was lost the entire time, so with what Lowell put on and what I read on the tutorials, somehow, when I had those two required programs, (and I never opened the TRAINING once, no idea why you have to have it, cause you don't need it..) and I downloaded the county lines and opened it, it then showed up in MAPCENTER and followed the instructions, and even

thought it said it might take hours to download into the GPS, it was about 15 seconds. Turned it on and there the county lines were.

Your success may be different, your mileage may vary. It took me an hr total to figure it out. Others have as well. I did not search the website for your GPS. May not support it. I have the 265T

Contact Lowell KB0BA for more info. Since his original posting is gone, I did this one, with much more detail than what was on there, and included some things I found. Hope it helps. I have found every time stopped in the area of the county lines on my GPS it is within a foot.. between the front bumper to back bumper of the car is at the line sign somewhere when the little car is there. Really close. Driving it will be off a few feet it seems, especially at 55-or higher.

Dan KM9X

## Nebraska Counties

Having trouble working all the 93 Nebraska Counties? Want to put all of them out? Things may be changing there

“LINCOLN, Neb. (AP) -- A Nebraska lawmaker says that as counties go, 93 is just too many.

Sen. Rich Pahl of Omaha on Friday introduced a bill (LB826) that would drop the number of counties in the state to about 30 by the year 2018. The bill calls on lawmakers to figure out a fair way to do it.

Nebraska's 93 counties were created in pioneer days so that residents could travel to their county seats on horseback or by stagecoach, conduct their business and return to their homes the same day.

Today, with the majority of the state's population continuing to shift eastward, some people say changes are needed.”

Source: [http://www.siouxcityjournal.com/news/state-and-regional/nebraska/article\\_0cb37358-fc97-11de-a002-001cc4c03286.html](http://www.siouxcityjournal.com/news/state-and-regional/nebraska/article_0cb37358-fc97-11de-a002-001cc4c03286.html)

## Ham Radio Licenses Increase

From ARRL Letter, courtesy of ARRL, Newington, CT 06111

"This past year was a banner year for new Amateur Radio licensees. According to ARRL VEC Manager Maria Somma, AB1FM, the FCC issued more than 30,000 new ham radio licenses. "In 2009, the demand for Amateur Radio exam sessions remained elevated and is still running at a higher rate than before the FCC's restructuring of the license requirements in 2007," Somma said. "This high level of exam session activity has produced an elevated influx of new applications, far outpacing recent years." A total of 30,144 new licenses were granted in 2009 -- an increase of almost 7.5 percent from 2008. In 2005, 16,368 new hams joined Amateur Radio's ranks; just five years later, that number had increased by almost 14,000 -- a whopping 84 percent!

"A total of 30,144 new licenses were granted in 2009, an increase of almost 7.5 percent from 2008. In 2005, 16,368 new hams joined Amateur Radio's ranks; just five years later, that number had increased by almost 14,000 -- a whopping 84 percent! The ARRL VEC is one of 14 VECs who administer Amateur Radio license exams.

"When looking at the statistics over the last 10 years, these are some the highest numbers we've seen," Somma explained. "Additionally, our total number of licensees across all three classes has grown each year." Currently there are 682,500 licensed Amateur Radio operators in the US, an almost 3 percent rise over 2008. In 2008, there were 663,500 licensed amateurs; there were 655,800 in 2007. Broken down by license class, at the end of 2009 there were 17,084 Novices, 334,245 Technicians, 150,970 Generals, 60,795 Advanced and 119,403 Amateur Extra licensees."

## Blast from the Past

Let's pretend it is 1962, and you just installed your new mobile radio into your car – maybe a Heathkit transmitter or receiver or if you were well off – a KWM-2. Maybe SSB if you could afford it. What next?

Send a letter to the FCC!

From the ARRL Mobile Manual, pub date 1962

“Anytime you are going to operate away from home for more than 48 hours without a return to the address shown on your license, whether portable or mobile, you need to be covered by a notice to FCC. “

Thus, if you are going to take a mobile trip for more than 2 days, you must send the FCC Engineer in Charge in each of the call area districts that you will be operating in a letter detailing your itinerary, and how to contact you while you are away. If your plans changed, you would then have to send another notice to each of the FCC offices involved. Remember those ‘call areas’? Back then, your call had to correspond to the call districts in which you lived – no exceptions.

From Section 12.91 of the rules, you need to provide:

- a) Name of licensee
- b) Station Call sign
- c) Authorized fixed station transmitter location
- d) Mobile itinerary as specifically as possible.
- e) The dates of the beginning and end of each period of operation away from the location specified in the station license
- f) The address at which, or through which, the licensee can be readily reached

g) The registry number or license number (including the name of the issuing state or territory) of the aircraft, vessel, or land vehicle in which the mobile station is installed and operated.

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So if you were going to take a trip from CA to Maine via the south route, and back via the north route – you would have to send letters to the FCC in W6 land, W7 land, W5 land, W4 land, W3 land, W2 land perhaps, W1 land, W8 land, W9 land, W0 land.....and be as ‘accurate’ as you could be.

If you wanted to head out for a 3 day trip – well, better plan ahead and send in that letter before you left!

Not only that, you have to identify as required (beginning, end, every 10 minutes) by giving your geographical location – like “WB2KQL mobile near Pittsburgh, PA.” Just signing WB2KQL/mobile 3 would not do it.

Can you imagine trying to operate under those conditions?

If you were a mobile salesman, or made the same trips over and over, you could send in up to a year ahead your normal routes and itinerary, or if you went to your summer home for the same month each year – and to the beach another month, you could send all that in ahead of time.

One of the most well known hams during the 1950s and 60s was Senator Barry Goldwater, K7UGA. Here’s a ‘blast from the past’ picture of his mobile set up:



K7UGA - on Corvette Stingray

## Global Warming Hysteria

We've had a lot of articles about the very flawed 'science fiction' of global warming. Now, the head of the UN IPCC had to backtrack on the hysterics that the global warming alarmists have proclaimed time and time again about disappearing polar bears (false), 100 foot tidal waves sweeping over NYC by 2030, etc.

### **UN climate chief admits mistake on Himalayan glaciers warning**

The UN's top climate change body has issued an unprecedented apology over its flawed prediction that Himalayan glaciers were likely to disappear by 2035.

The Intergovernmental Panel on Climate Change (IPCC) said yesterday that the prediction in its landmark 2007 report was “poorly substantiated” and resulted from a lapse in standards. “In drafting the paragraph in question the clear and well-established standards of evidence, required by the IPCC procedures, were not applied properly,” the panel said. “The chair, vice-chair and co-chairs of the IPCC regret the poor application of IPCC procedures in this instance.”

The stunning admission is certain to embolden critics of the panel, already under fire over a separate scandal involving hacked e-mails last year.

The 2007 report, which won the panel the Nobel Peace Prize, said that the probability of Himalayan glaciers “disappearing by the year 2035 and perhaps sooner is very high”. It caused shock in Asia, where about two billion people depend on meltwater from Himalayan glaciers for their fresh water supplies during the dry seasons.

It emerged last week that the prediction was based not on a consensus among climate change experts but on a media interview with a single Indian glaciologist in 1999. That scientist, Syed Hasnain, has now told The Times that he never made such a specific forecast in his interview with the New Scientist magazine.

“I have not made any prediction on date as I am not an astrologer but I did say they were shrinking fast,” he said. “I have never written 2035 in any of my research papers or reports.” Professor Hasnain works for The Energy and Resources Institute (TERI) in Delhi, which is headed by Rajendra Pachauri, head of the climate change panel

The scandal threatens to undermine the panel’s credibility as it begins the marathon process of drafting its Fifth Assessment Reports, which are due out in 2013-14. Georg Kaser, a leading Austrian glaciologist who contributed to the 2007 report, described the glacier mistake as huge and said that he had warned colleagues about it months before publication.

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<http://www.timesonline.co.uk/tol/news/environment/article6994774.ece>

Likely a great amount of the ‘data’ in the UN IPCC report is equally bogus. Despite warnings, the committee happily used the most exaggerated, way



over the line ‘examples’, misquoted scientists, did not verify anything, cooked the books on ‘correcting data’ and leaving out data that would have not shown ‘warming’. You have to dismiss the whole thing as terribly flawed. The more people look at it, the more totally unscientific derailing of the entire process occurs.

## From the “Way Back” Machine

Some pictures from the 1992 era! (courtesy WV2B)



JH8GWW Yas USACA 1024 (2001)



WA3QNT Bob USA-CA #412



W1WLW Joe USA-CA #568

# NOAA – Predicting Solar Flares

## ***NOAA Scientist Finds Clue to Predicting Solar Flares***

For decades, experts have searched for signs in the sun that could lead to more accurate forecasts of solar flares — powerful blasts of energy that can supercharge Earth’s upper atmosphere and disrupt satellites and the land-based technologies on which modern societies depend. Now a scientist at NOAA’s Space Weather Prediction Center and her colleagues have found a technique for predicting solar flares two to three days in advance with unprecedented accuracy.

The long-sought clue to prediction lies in changes in twisting magnetic fields beneath the surface of the sun in the days leading up to a flare, according to the authors. The findings will be published in *Astrophysical Journal Letters* next month.

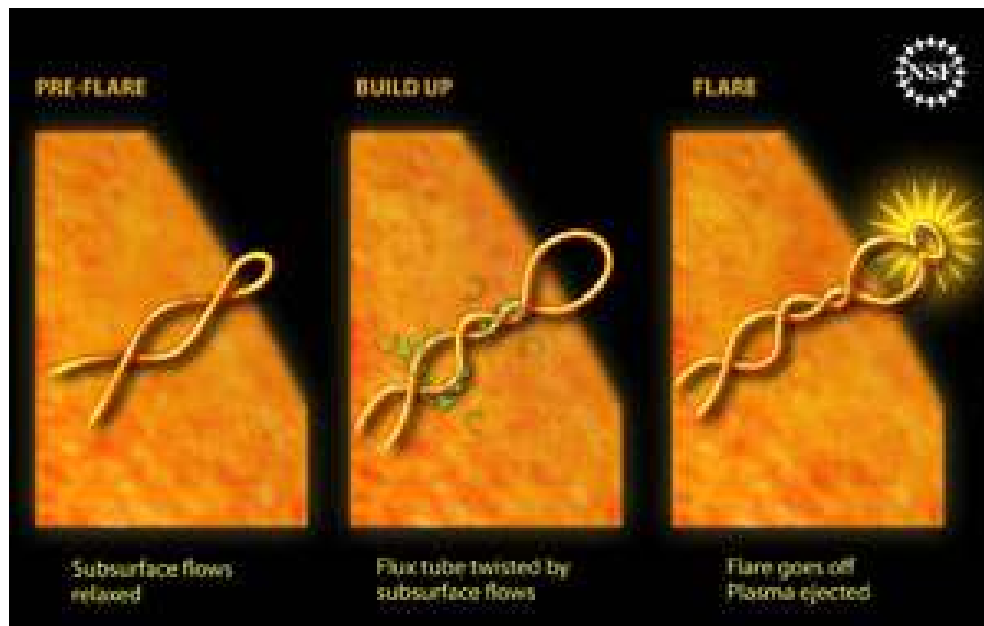
“For the first time, we can tell two to three days in advance when and where a solar flare will occur and how large it will be,” said lead author Alysha Reinard, a solar physicist at NOAA’s Space Weather Prediction Center and the Cooperative Institute for Research in the Environmental Sciences, a partnership between NOAA and the University of Colorado.

The new technique is already twice as accurate as current methods, according to the authors, and that number is expected to improve as they refine their work over the next few years. With this technique, reliable watches and warnings should be possible before the next solar sunspot maximum, predicted to occur in 2013. Currently, forecasters see complex sunspot regions and issue alerts that a large flare may erupt, but the when-and-where eludes them.

Solar flares are sudden bursts of energy and light from sunspots’ magnetic fields. During a flare, photons travel at the speed of light in all directions through space, arriving at Earth’s upper atmosphere—93 million miles from the sun—in just eight minutes.

Almost instantly the photons can affect the high-orbiting satellites of the Global Positioning System, or GPS, creating timing delays and skewing positioning signals by as much as half a football field, risking high-precision agriculture, oil drilling, military and airline operations, financial transactions, navigation, disaster warnings, and other critical functions relying on GPS accuracy.

“Two or three days lead time can make the difference between safeguarding the advanced technologies we depend on every day for our livelihood and security, and the catastrophic loss of these capabilities and trillions of dollars in disrupted commerce,” said Thomas Bogdan, director of NOAA’s Space Weather Prediction Center.



Reinard and NOAA intern Justin Henthorn of Ohio University pored over detailed maps of more than 1,000 sunspot groups, called active regions. The maps were constructed from solar sound-wave data from the National Science Foundation’s Global Oscillation Network Group.

Reinard and Henthorn found the same pattern in region after region: magnetic twisting that tightened to the breaking point, burst into a large

flare, and vanished. They established that the pattern could be used as a reliable tool for predicting a solar flare.

“These recurring motions of the magnetic field, playing out unseen beneath the solar surface, are the clue we’ve needed to know that a large flare is coming—and when,” said Reinard.

Source: NOAA

## Global Warming – The Fraud

**“ONCE global warming was the "great moral challenge of our generation". Or so claimed the Prime Minister. (Rudd)**

But suddenly it's the great con that's falling to bits around Kevin Rudd's ears.

In fact, so fast is global warming theory collapsing that in his flurry of recent speeches to outline his policies for the new decade, Rudd has barely mentioned his "moral challenge" at all.

In just the past few months has come a cascade of evidence that the global warming scare is based on often dodgy science and even outright fraud.

### 1. Climategate

**THE** rot for Rudd started last November with the leaking of emails from the Climatic Research Unit of Britain's University of East Anglia.

Those emails from many of the world's top climate scientists showed them conspiring to sack skeptical scientists from magazines, hide data from skeptics, and cover up errors.

One of the scientists, CRU boss Phil Jones, even boasted of having found a "trick" to "hide the decline" in recent temperature records.

Jones was also on the United Nations Intergovernmental Panel on Climate Change, so influential in convincing us our gasses are heating the planet that it won the Nobel Prize.

But he showed how political the IPCC actually is by promising in yet another email that he and another colleague would do almost anything to keep skeptical studies out of IPCC reports.

Just as damning was the admission by IPCC lead author Kevin Trenberth that the world isn't warming as the IPCC said it must: "We cannot account for the lack of warming at the moment and it is a travesty that we can't."

## **2. The Copenhagen farce**

**MORE** than 40,000 politicians, scientists and activists flew to Copenhagen last month - in clouds of greenhouse gasses - to get all nations to agree to make the rest of us cut our own emissions to "stop" global warming.

This circus ended in total failure.. Not only did this show that Rudd's planned tax on our emissions will now be even more suicidally useless. It also suggested world leaders can't really think global warming is so bad.

## **3. The Himalayan scare**

**RUDD** has quoted the IPCC as his authority on global warming, claiming it's a group of "guys in white coats" who "just measure things". But the IPCC also just makes things up.

Take this claim from its 2007 report: "Glaciers in the Himalaya are receding faster than in any other part of the world and, if the present rate continues, the likelihood of them disappearing by the year 2035 and perhaps sooner is very high if the Earth keeps warming at the current rate."

In fact, we now know this bizarre claim was first made by a little-known Indian scientist in an interview for an online magazine, and then copied into a report by the green group WWF.

From there, the IPCC lifted it almost word for word for its own 2007 report, without checking if it was true.

It wasn't, of course, as the IPCC last week conceded. The glaciers will be around for at least centuries more.

But why did the IPCC run this mad claim in the first place?

The IPCC's Dr Murari Lal, the co-ordinating lead author responsible, says he knew all along there was no peer-reviewed research to back it up.

"(But) we thought that if we can highlight it, it will impact policy-makers and politicians ... "

Note: you are told not the truth, but what will scare you best.

#### **4. Pachauri's response**

**BUT** what smells just as much is how IPCC chairman Rajendra Pachauri, a former railway engineer, first tried to defend this "mistake" by accusing skeptical scientists of practicing "voodoo science".

Deny and abuse. That's the IPCC way.

Even more suspiciously, Syed Hasnain, the scientist who first made the false claim, then turned out to be now employed by The Energy Research Institute, headed by ... er, Pachauri.

More astonishing still, only two weeks ago TERI won up to \$500,000 from the Carnegie Corporation to study exactly Hasnain's bogus claim. See how cash follows a good scare?

#### **6. The green hand revealed**

**WE'VE** seen how the IPCC just copied its false claims about the Himalayas from a report by WWF, a green activist group which earn donations by preaching such doom.

In fact, the IPCC's 2007 report cites WWF documents as "evidence" at least another 15 times.

Elsewhere it cites a non-scientific, non-peer-reviewed paper from another activist body, the International Institute for Sustainable Development, as its sole proof that global warming could devastate African agriculture.

Whose agenda is the IPCC pushing?

#### **6. More fake IPCC claims**

**THIS** week came more evidence that the IPCC sexed up its 2007 report, this time when it claimed the world had "suffered rapidly rising costs due to extreme weather-related events since the 1970s", thanks to global warming.

In fact, the claim was picked out of an unpublished report by a London risk consultant, who later changed his mind and said "the idea that catastrophes are rising in cost because of climate change is completely misleading".

## **7. New research on our gasses**

**AT** least four new papers by top scientists cast doubt on the IPCC claim that our carbon dioxide emissions are strongly linked to global warming.

One, published in Nature, shows the world had ice age activity even when atmospheric CO<sub>2</sub> was four times the level of our pre-industrial times.

Another, by NASA medalist John Christy and David Douglass, shows global temperatures did not go up as much as expected from man-made emissions over the past three decades.

Source: Australian News

## **Awards**

USA-CA #1195	Karl, K4YT	Jan 2, 2010
YL-OM Team #15	Scottie, N4AAT	Jan 3, 2010
MARAC YL Mobile #186*	Scottie, N4AAT	Jan 3, 2010
Bingo III #17	Tom, K7REL	Jan 23, 2010

\* this is not the 186<sup>th</sup> time the MARAC YL Mobile Award has been issued. Due to the way the previous non-Marac award custodians kept records and issued most awards with an increasing sequence number, this is likely number 6 or 7 or 8 or ? - actually for YL Mobile. No one really knows who has the YL Mobile Award as the records have been lost.



## Upcoming Contests/Events

**Vermont QSO Party** RS(T) and VT county or S/P/C

[vtqsoparty.westriverradio.org](http://vtqsoparty.westriverradio.org)

Feb 6 0000Z - Feb 7 2400Z CW band edge+40 kHz; SSB lowest 25 kHz  
Gen band; VHF SSB

**Ten-Ten Winter Phone QSO Party** Call sign, name, QTH, 10-10 number

[www.ten-ten.org](http://www.ten-ten.org)

Feb 6 0001Z - Feb 7 2359Z

**Minnesota QSO Party**

Name and MN county or S/P/C [www.w0aa.org](http://www.w0aa.org)

Feb 6 1400z to Feb 6 2359z

CW 1 850 3 550 7 050 14 050 21 050 28 050; 1870 3850 7250 14270 21  
350 28450

**Delaware QSO Party** RS(T) and DE county or S/P/C [www.fsarc.org](http://www.fsarc.org)

Feb 6 1700Z - Feb 7 2359Z

**New Mexico QSO Party** Call sign, name, and NM county or S/P/C

[www.swcp.com/~n5zgt](http://www.swcp.com/~n5zgt)

Feb 7 1500Z - Feb 8 0300Z

**Louisiana QSO Party** Call sign, RS(T), LA parish or S/P/C

[laqso.w5yl.org](http://laqso.w5yl.org)

Feb 13 1500Z - Feb 14 0300Z

CW 1.84,3.54,7.04,14.04,21.04,28.04;

Phone 1.865,3.865,7.255,14.255,21.365,28.465;

**New Hampshire QSO Party** RS(T) and NH county or S/P/C

[www.w1fz.org](http://www.w1fz.org)

Feb 13 0001Z - Feb 14 0001Z

CW 1.81,band edge+35kHz;

Phone 1.875,3.935-950,7.235,14.28,21.38,28.39,50.115,144.205,

**Mississippi QSO Party** RS(T) and MS county or S/P/C [www.arrlmiss.org](http://www.arrlmiss.org)

Feb 27 1500Z - Feb 28 0300Z

**North American QSO Party** Name and S/P/C [www.ncjweb.com](http://www.ncjweb.com)

Feb 27 1800Z - Feb 28 0600Z

**North Carolina QSO Party**

1700 UTC Feb.28 through 0300 UTC Mar.1 (10 hours)

Callsign, QTH (NC county, State, Canadian province or DXCC country)

CW - 3.540, 7.040, 14.040, 21.040, 21.140, 28.040, 28.140; PHONE -

3.860, 7.260, 14.260, 21.360, 28.360. **No 160, meter qso's for QSO party**

**credit.** ALL CW CONTACTS MUST TAKE PLACE IN THE CW  
PORTION OF EACH BAND! **100 Watt power limit for all qsos.**

<http://www.w4nc.com/2010ncqsoparty.html>

Don't forget the South Central Mini in Weslaco in February!