

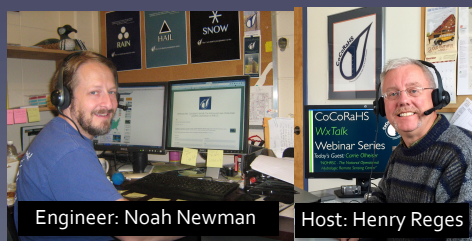
COCORAHS WXTALK WEBINARS - Sharing Weather and Climate Knowledge with the Public

2016 AMS ANNUAL MEETING – NEW ORLEANS, LA



"This is my first CoCoRaHS seminar and I really wasn't sure what to expect. I have spent the last 13 years of my career working with long range Doppler lidar and to a lesser extent X-band radar, so my knowledge in this area is not really entry level. Even so, I still learned a great deal about dual-pol radar measurements so I feel my time was well spent. Thanks to Dr. Kennedy and the rest of the team for the presentation." -Colorado listener

"A great speaker and presentation presented at the right level." - Wyoming listener



Engineer: Noah Newman

Host: Henry Reges

"I enjoyed easy to understand, but not dumbed down presentation. I'm a new observer and this was just plain fun. Looking forward to learning more." - Texas listener

"This was my first webinar...really was looking forward to it and wasn't disappointed. The topic and the presenter made everything very understandable for a non-meteorologist, as I know the science is very complicated." - Missouri listener

In December 2011 CoCoRaHS began a new and exciting Webinar series called CoCoRaHS WxTalk. The series consists of monthly, ninety-minute interactive Webinars featuring experts in the fields of atmospheric science, climatology and other pertinent disciplines. These easy to follow presentations are live and the audience is given the chance to submit questions which the experts answer during the show. Webinar #44 featuring Weather Underground, kicks off our fifth season on January 28th.

WxTalk Webinar #37

CoCoRaHS WxTalk Webinar Series

Webinar #37 - Thursday, December 4, 2014

"Tsunami Science and Tsunami Warning Systems"

Stuart Weinstein
Deputy Director
NOAA/Pacific Tsunami Warning Center
Ewa Beach, HI

[\[Biography\]](#)

This talk will cover the nuts and bolts of tsunami science and how tsunami warning systems work. This includes how tsunamis are generated, how they propagate across ocean basins and why they are destructive. Most destructive tsunamis are generated by great earthquakes. Therefore tsunami warning centers have developed methods to rapidly analyze earthquakes and assess their potential to generate destructive tsunamis. Tsunami warning centers act as the trip wire i.e., they rapidly pass on the results of their analysis to National or State Disaster Organizations (the FEMA or State Civil Defense agencies) whose task it is to make sure the public at risk receives the warnings (sound sirens for example) and facilitate evacuations.

View the Webinar by clicking here: http://youtu.be/C6_XKPaVpKk

View Stuart Weinstein's presentation slides [\[11MB\]](#)

Resources:

- [National Tsunami Warning Center](#)
- [Pacific Tsunami Warning Center](#)
- [NWS Tsunami Portal](#)
- [National Geophysical Data Center](#)
- [Pacific Tsunami Warning Center YouTube Page](#)

Thursday, November 19, 2015

Radioondes, it's what's overhead that counts

Paul Ciesielski
Colorado State University
Fort Collins, CO

[\[Biography\]](#)

A radiosonde (sonde is French and German for probe) is a battery-powered telemetry instrument package carried into the atmosphere usually by a weather balloon that measures various atmospheric parameters and transmits them by radio to a ground receiver. Radiosondes are an essential source of meteorological data, and hundreds are launched all over the world daily. In this talk I will discuss a brief history of radiosondes, different types of sondes, what sondes measure and how, where soundings are taken, and how the data collected by radiosondes are used.

Have you ever viewed a CoCoRaHS WxTalk Webinar?

<p>CoCoRaHS WxTalk Webinar Series</p> <p>Today's Guest: Ben Beard "Climate Change, Ecology, and Disease Emergence - A Public Health Perspective"</p>	<p>CoCoRaHS WxTalk Webinar Series</p> <p>Today's Guest: Sonia Kreidenweis "Air Quality Local, Regional, and Global Perspectives"</p>
<p>CoCoRaHS WxTalk Webinar Series</p> <p>Today's Guest: Ron Holle "Lightning and its Impacts"</p>	<p>CoCoRaHS WxTalk Webinar Series</p> <p>Today's Guest: Marty Ralph "Atmospheric Rivers"</p>
<p>CoCoRaHS WxTalk Webinar Series</p> <p>Today's Guest: Billy Kniffen "Rainwater Harvesting - Catching and Using It"</p>	<p>CoCoRaHS WxTalk Webinar Series</p> <p>Today's Guests: Brad Rippey & Mark Brusberg "Agricultural Meteorology - Layer Upon Layer"</p>
<p>CoCoRaHS WxTalk Webinar Series</p> <p>Today's Guest: Paul Kocin "Historic Winter Season Weather Events - What's the Best of the Worst..."</p>	<p>CoCoRaHS WxTalk Webinar Series</p> <p>Today's Guest: Dave Changnon "So You Want to Become a Meteorologist?"</p>
<p>CoCoRaHS WxTalk Webinar Series</p> <p>Today's Guest: Rodney Vireck "Space Weather - What is it and why should you care?"</p>	<p>CoCoRaHS WxTalk Webinar Series</p> <p>Today's Guest: Tom Schlatter "Understanding and Identifying Clouds"</p>

www.cocorahs.org/Content.aspx?page=wxtalk



Colorado State University

Henry Reges, Colorado State Univ., Fort Collins, CO