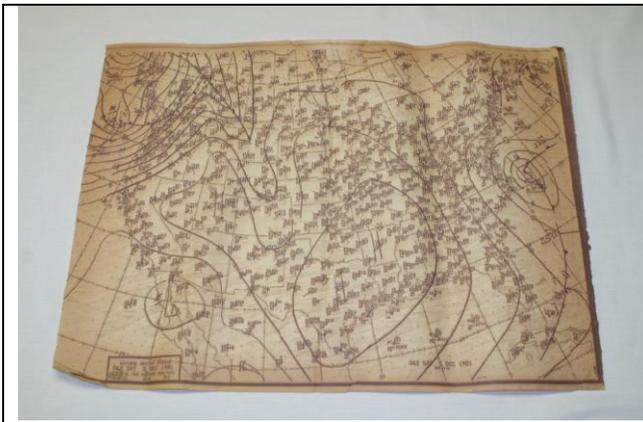
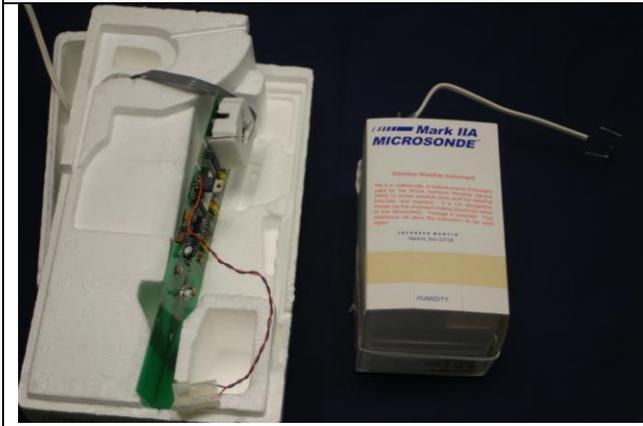


## National Weather Service Equipment from the past

The NWS office has a wealth of record books, older original weather maps depicting major events, news articles, and photos of major past events that will make dynamic web viewing of NOAA's heritage. Most of the material is in poor shape. The weather maps on Difax paper continue to degrade and darken with time. The photographs are fading, and the news articles are decomposing. Once in electronic format (through scanning, and photography), these past forgotten events will serve as a reference (for the public and media) and reminder to complacent residents that this area is not immune to harmful weather.



Difax weather maps have the images burned onto wet paper to produce a black and white weather map.



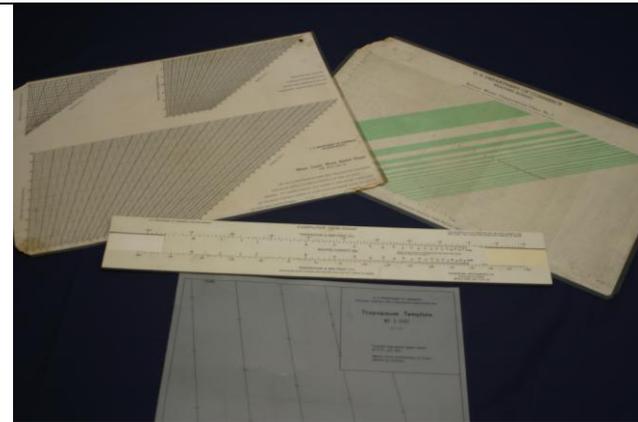
Old radiosonde compared to new GPS radiosonde. A radiosonde is a portable unit that measures various atmospheric parameters, including pressure, altitude, position, temperature, dew point, and wind speed and direction.



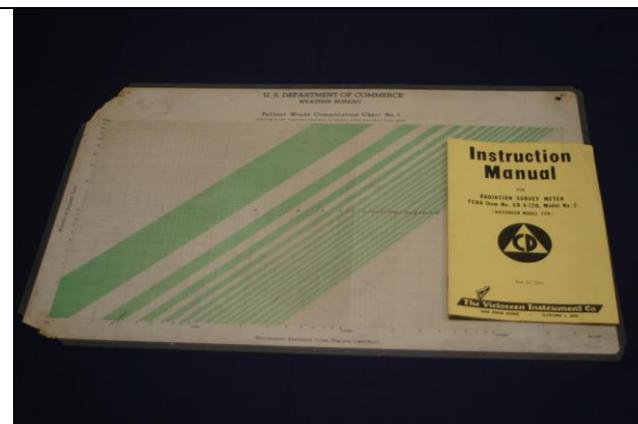
# NOAA AND THE PRESERVE AMERICA Initiative



Manually digitized radar overlay for the WSR-57 radar. This was used to assign a video integrator and processor (VIP) level to each grid based on radar reflectivity. This data could then be used to later recreate a lower quality radar image.



Nomograms were used for plotting and calculating winds from radiosonde data that has been transmitted and received by a weather forecaster.



Radioactive fallout wind calculations nomogram.

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Sony TR-4 mini data cartridge storage tape that could hold up to four gigabytes of storage on a magnetic strip of tape.

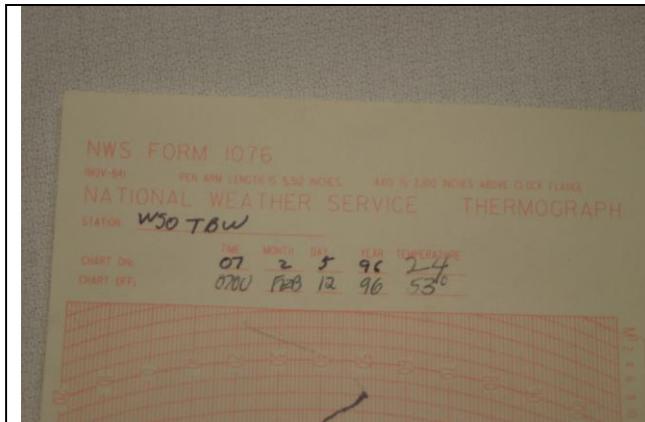


Electronic communication telephone handset with rotary dialer.



Thermograph which records temperature onto a continuously moving chart of graph paper.

# NOAA AND THE PRESERVE AMERICA Initiative



Thermograph chart provided a continuous record of temperatures throughout the day.



Hygrothermograph recorded temperature and humidity on a chart.



Barograph recorded a continuous stream of pressure onto graph paper.