

Lightning_Detector_Options_2002.txt

Subject: Lightning Detectors

Sent: 26 Mar 02

The Zetas indicate there will be a lot of lighting after the PS.

It would be desirable to determining how close lightning is to our current location. If one has ham radio equipment, a lighting detector could give you the time needed to safely disconnect and ground the antennas (disconnecting power from the radios). If out in the open on some hiking trip it could give you the opportunity to head for the lower ground or get out of the open area or even lay flat on the ground so as to not allow the body to become a lighting rod.

If after the PS you get caught without a lightning detector then use a small battery operated AM radio. Tune it to the lowest frequency on the dial. Lightning radio propagation amplitudes are higher at very low frequencies. Adjust the volume so that when a distinct noise crackle gets stronger you know it is approaching. Eventually with experience one could calibrate the volume knob position with distance.

The following is listed some of the low cost possibilities with respect to lightning detectors that can be purchased or constructed.

NEW! StrikeAlert Personal Lightning Detector. Finally, an affordable easy-to-use personal lightning detector that provides an early warning of approaching lightning strikes from as far away as 40 miles. Perfect for all outdoor sporting events, work and recreation, or for professionals needing early warning Only \$79.95!

<http://www.weathershop.com/Lightning.htm>

Affordable lightning detector provides early warning of approaching lightning strikes as far as 40 miles. Low Power Consumption - Up to 100 hours of reliable operation with a single AA battery. Our Price: \$74.95

<http://www.andersengolf.com/strike1.htm>

HAND-HELD LIGHTNING DETECTOR

It will pick up electrical activity as far as 40 miles away and track the storm as it

Approaches ... giving you plenty of time to clear the field, leave the campground, or sail

back to shore. Be warned of a storm's approach by an audible tone and by 4 LED's ranged in miles, 0-3, 3-8, 8-20, 20-40. You can even select the range at which you wish

the alarm to sound. Powered by two 9V batteries, not included, or optional AC adapter, or 12V cigarette lighter. 420 Lightning Detector Price: \$195.00*

<http://www.scientificsales.com/conligh.htm>

Lightning Alert(r) LD-6500 Lightning Detector is only \$ 140.00 + \$ 8.00 s/h. Built-in alarm and light.

<http://www.stormwise.com/index2.html>

Construct your own "Lightning Detector". Here is a VLF receiver tuned to 300 kHz designed to detect the crackle of approaching lightning. A bright lamp flashes in synchrony with the lightning bolts indicating the proximity and intensity of the storm.

<http://www.techlib.com/electronics/lightning.html>