

Lightning Related URLs.

The list below includes a lot of information on lightning and lightning protection. In particular the PolyPhaser, Ron Block, DX-Engineering and the ICE Radio Products sites have good information. Also look at the Wikipedia site for general information. PolyPhaser has a Publication titled, *Lightning Protection and Grounding Solutions for Communication Sites* by Ken R. Rand. This text gives a lot of good information on designing a lightning protection system, although it is geared for commercial installations. Clearly, amateur stations' protection systems have to be compromises due to cost and logistical issues. Do the best you can; some level of protection is better than none. (Look up the several QST articles on lightning protection appropriate for the amateur station.)

The Web Flash site out of University of Washington has a nearly real time lightning map of the world.

If you have any questions related to lightning protection systems and would like my (free, and that's what it is worth) opinion, send an email to me at KD8DZ@ARRL.net.

73, Mike Mickelson, KD8DZ

www.polyphaser.com

www.wrblock.com

www.dxengineering.com

<http://www.astrosurf.com/luxorion/qsl-lightning-protection3.htm>

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

<http://alphadelta.com>

<http://webflash.ess.washington.edu/>

<http://www.sky-fire.tv/index.cgi/lightning.html#heatlightning>

http://science.nasa.gov/science-news/science-at-nasa/2001/ast05dec_1/

http://en.wikipedia.org/wiki/Bolt_of_lightning#Discharge

http://en.wikipedia.org/wiki/Lightning_rod

<http://www.ucar.edu/communications/infopack/lightning/faq.html>

http://www.nssl.noaa.gov/primer/lightning/ltg_climatology.html

<http://earthobservatory.nasa.gov/IOTD/view.php?id=6679>

<http://geology.com/articles/lightning-map.shtml>

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

http://wwlln.net/TOGA_network_global_maps.htm