

About these weather-related services

The world is full of weather nerds. There are a plethora of weather-related services provided by companies, universities, and interest groups; there are mailing lists, radio spotter frequencies, periodicals, thousands of amateur storm chasers and people who just love to talk about hailstones. The items gathered here provide a few pointers to these services and friends.

The phone icon  marks links to "live" services.

Mailing lists

There are several electronic mailing lists for weather interest groups. They reside on **vmd.cso.uiuc.edu**. The general list is **WX-TALK**. Subscribe to a list by sending mail to **LISTSERV@VMD.CSO.UIUC.EDU** with a one-line message:

SUB WX-TALK <*your real name here*>

Data Sources

A list of data sources (internet services, CD-ROMS, etc) published to the newsgroup ***sci.geo.meteorology***.

Service companies

A list of companies offering weather services.

Periodicals

A list of weather-related magazines.

Radio spotting frequencies

A list of amateur radio repeater and weather spotting frequencies.

Radio weather images

How to receive APT images from the NOAA and Soviet METEOR weather satellites, via ham radio.

& More earthquake information

Up-to-date information about recent earthquakes from the University of Washington.

& Boston Weather

Two computers at MIT contain detailed Boston and New England area weather information (***finger weather@{synoptic,everest.lcs}.mit.edu***).

& MIT Weather Lab

The CMPO Synoptic computer at the MIT School of Earth, Atmospheric, and Planetary Science, provides access to a number of weather-related services (***telnet synoptic.mit.edu***).

& ConTel Aviator Reports (DUATS)

ConTel provides a Direct Access Terminal System (DUATS) that is a basic weather-information and flight-planning system for pilots, but it can be accessed by "visitors" (***telnet duats.contel.com***). If you are a pilot you can obtain weather information and flight plan filing; visitors can retrieve current FAA weather reports for the US and Canada. If you are travelling somewhere, you may want to obtain a report of the weather en route.

Lockheed DataPlan DUAT

Customer Service
PO Box 612860
San Jose, CA 95161-9907
800-767-DUAT.

Solar Mail

Reports on solar activity are available from ***solar.stanford.edu*** (36.10.0.4) which also is the hub for a mailing list of people interested in solar activity. To subscribe to the *SolarNews* reports or other mailing lists, e-mail ***postmaster@solar.stanford.edu***. Other information is available by anonymous ***ftp***.

Solar Broadcasts

The Solar Terrestrial Dispatch (also operating out of the Wilcox observatory at ***solar.stanford.edu*** (36.10.0.4)) broadcasts daily reports of solar activity by e-mail. This document describes the format of these reports.

About the Auroral Oval

The *auroral oval* defines the regions in the northern and southern hemispheres in which the aurora borealis may be seen. Auroral forecasts are often

expressed in terms of this oval of visibility. Maps of these forecasts are sometimes available from ***xi.uleth.ca*** (142.66.3.29).