# Unit 1: General Review and Global Circulation Concepts

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## Supplemental Resources

1. World Meteorological Organization (WMO), <http://www.wmo.int/>

WMO Education and Training, <http://www.wmo.int/pages/prog/dra/etrp.php>

1. COMET “Introduction to Meteorology Resources”

<https://sites.google.com/a/comet.ucar.edu/introduction-to-meteorology-resources/>

This site lists online resources to accompany a college-level introduction to meteorology course. Resources include links to MetEd modules as well as many other reliable sites dedicated to atmospheric science and meteorology. These may be used as remedial education for students to prepare for this tropical synoptic course.

# NOAA National Weather Service Ocean and Tropical Prediction Center

3, 7, and 14-day loops of surface analysis and station observations<http://www.opc.ncep.noaa.gov/Loops/>

1. NOAA SRRS Analysis and Forecast Charts for the globe and the tropical belt,<http://nomads.ncdc.noaa.gov/ncep/NCEP> (from 1994 to present)
2. US Naval Research Laboratory global satellite resources

<http://www.nrlmry.navy.mil/sat-bin/global.cgi> (3 weeks of archives)

<http://www.nrlmry.navy.mil/archdat/> (three weeks)

1. EUMETSAT Real-time and archive, topical images, case studies,<http://www.eumetsat.int/Home/Main/Image_Gallery/index.htm?l=en> (one week)
2. RAMSDIS Tropical Images,<http://rammb.cira.colostate.edu/ramsdis/online/tropical.asp> (4 week archive)
3. CIMSS, Satellite data archives, <http://www.ssec.wisc.edu/data/>
4. International Weather Observations, <http://weather.noaa.gov/>
5. University of Wyoming, Soundings,

<http://weather.uwyo.edu/upperair/sounding.html> (from 1973 to present)

1. NOAA ESRL, Soundings,

<http://esrl.noaa.gov/raobs/> (from 1946 to present)

1. Air Resources Laboratory, Archive Meteorology

<http://ready.arl.noaa.gov/READYamet.php>

Gridded meteorological data archives for the globe (since Dec 2004). Select locations by interactive map, station ID, or latitude/longitude coordinates and create meteograms, soundings, etc...

# Virtual Institute for Satellite Integration Training (VISIT)

VisitView teletraining developed for the US National Weather Service:

VISITView at CIMSS, <http://www.ssec.wisc.edu/visitview/>

NOAA Regional and Mesoscale Meteorology Branch (RAMMB), <http://rammb.cira.colostate.edu/training/visit/>

Focus is mostly on US territories but some training is applicable for other regions.

1. Kochi University, Satellite imagery over Asia and the Pacific (for research and education only), <http://weather.is.kochi-u.ac.jp/archive-e.html> (1996-present)