

Meteorology and the Web

John C. Wilson

There was a request for a Glossary of Weather Terms. One of the best ones I know, with over 800 terms in it, is at the link below:
<http://www.weather.com/glossary/>

Here are many of the websites I use. These are all free. There are many, many more if you want to dig into the physics – Google Purdue Atmospheric Research and you'll find one of the best.

- 1) I use satellite imagery first,
- 2) Then go to our local Radar,
- 3) Then the N.E. US Satellite for a closer cloud picture:

http://www.weather.com/maps/maptype/satelliteusnational/northeastussatellite_large_animated.html

- 4) Environment Canada's site for Kitchener:

http://text.weatheroffice.gc.ca/forecast/city_e.html?on=82

to see what the local conditions are and to check the E.C. Forecast. Click on "Satellite" for a nice 'Goes east Medium' 6 to 72 hour loop, and click on "Last 24 hours" for temperature summaries hour to hour (for example:

http://text.weatheroffice.gc.ca/satellite/animateweb_e.html?imagetype=satellite&imagenname=goes_ecan_1070_m_.....jpg&nbimages=1&clf=1

then click on play)

For Ontario and other information: http://www.weatheroffice.gc.ca/forecast/canada/index_e.html

- 5) Then for longer range, go to 7 day graphics loop from NCEP (National Centers for Environmental Prediction):

<http://www.ncep.noaa.gov/>,

- 6) Click on Hydrometeorological Prediction Center:

<http://www.hpc.ncep.noaa.gov/>

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on the new page click on QPF (Quantitative Precipitation Forecasts):

<http://www.hpc.ncep.noaa.gov/qpf/qpf2.shtml>

while there get the 3 day 6-hourly loop of precipitation predictions.

NORTHEAST U.S. INFRA-RED SATELLITE 2-HOUR LOOP:

http://www.weather.com/maps/maptype/satelliteusnational/northeastussatellite_large_animated.html

ALL-U.S.A. INFRA-RED 2-HOUR SATELLITE LOOP (THE BIGGER PICTURE):

http://www.weather.com/maps/maptype/satelliteusnational/index_large_animated.html

ENV. CAN. KITCHENER SITE – MANY JUMPOFFS TO SATLOOPS, TEMP HISTORY AND RADARS PLUS CURRENT INFO.

http://weatheroffice.ec.gc.ca/city/pages/on-82_metric_e.html

LAKE HURON TEMPS -- WITH JUMPOFFS TO WIND AND WAVES

<http://www.glerl.noaa.gov/res/glcfs/glcfs.php?lake=h&ext=swt&type=N&hr=00>

GREAT LAKES WIND AND WEATHER LOOPS:

BRITT RADAR (OWEN SOUND AT SOUTHERN EDGE OF IT):

http://weatheroffice.ec.gc.ca/radar/index_e.html?id=WBI

EXETER RADAR (LONDON):

http://weatheroffice.ec.gc.ca/radar/index_e.html?id=wso

KING CITY RADAR (TORONTO):

http://weatheroffice.ec.gc.ca/radar/index_e.html?id=wkr

FLINT, MICH. RADAR LOOP – WIDE AREA:

<http://www.intellicast.com/lcastPage/LoadPage.aspx?loc=kfnt&seg=LocalWeather&prodgrp=RadarImagery&product=RadarLoop&prodnave=none>

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FLINT, MICH. RADAR LOOP – CLOSE-UP:

<http://www.intellicast.com/lcastPage/LoadPage.aspx?loc=kfnt&seg=LocalWeather&prodgrp=RadarImagery&product=RegionalRadarLoop&prodnave=none>

BUFFALO, N.Y. RADAR LOOP – WIDE AREA:

<http://www.intellicast.com/lcastPage/LoadPage.aspx?loc=kbuf&seg=LocalWeather&prodgrp=RadarImagery&product=RadarLoop&prodnave=none>

BUFFALO, N.Y. RADAR LOOP – CLOSE UP:

<http://www.intellicast.com/lcastPage/LoadPage.aspx?loc=kbuf&seg=LocalWeather&prodgrp=RadarImagery&product=RegionalRadarLoop&prodnave=none>

U.S.A. NATIONAL RADAR LOOP:

http://radar.weather.gov/Conus/full_loop.php

U.S. WEATHER SERVICE MODEL GRAPHICS PREDICTION 0-7 DAY LOOP:

<http://www.hpc.ncep.noaa.gov/basicwx/day0-7loop.html>

U.S. WEATHER SERVICE TECHNICAL 2-3 DAY FCST. DISCUSSION – TEXT

<http://www.hpc.ncep.noaa.gov/discussions/pmdepd.html>

LOCAL DETROIT WEATHER SERVICE TEXT DISCUSSION

<http://iwin.nws.noaa.gov/iwin/mi/discussion.html>

U.S. 8 TO 14 DAY FORECAST MAPS – PRECIP AND TEMP.:

<http://www.cpc.ncep.noaa.gov/products/predictions/814day/>

U.S. 6 TO 10 DAY FORECAST MAPS – PRECIP AND TEMP:

<http://www.cpc.ncep.noaa.gov/products/predictions/610day/>

KITCHENER-WATERLOO RECORDS – YESTERDAY/TODAY/TOMORROW:

<http://www.theweathernetwork.com/weather/alm/pages/YKF.htm?CAON0006>

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NATIONAL HURRICANE CENTRE:

<http://www.nhc.noaa.gov/>

U.S. UV INDEX CONTOUR MAP – NORTH AMERICA:

<http://www.epa.gov/sunwise/uvindexcontour.html>

COMPASS TRAFFIC CAMS TORONTO

<http://www.mto.gov.on.ca/english/traveller/compass/camera/camhome.htm>