

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.erh.noaa.gov/er/box/glossary.htm>

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/weather/map/interactive/l/CAXX0255:1:CA?animation=true>

4) Environment Canada's site for Kitchener:

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

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://weather.gc.ca/trends_table/pages/ykf_metric_e.html

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

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

6) Its Main Page

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

has many great links on the left side – including Quantitative Precipitation Forecasts (QPF):

<http://www.hpc.ncep.noaa.gov/qpf/qpfloop.html>

while there get the 3 day 6-hourly loop of precipitation predictions with another link to the 4-7 day prediction loop... http://www.hpc.ncep.noaa.gov/qpf/day47_6hrly.php

...and some excellent snow/winter weather loops:

http://www.hpc.ncep.noaa.gov/pwfp/wwd_accum_probs.php?fpd=24&ptype=snow&amt=1&day=1&ftype=probabilities

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

http://weather.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://proa.accuweather.com/adcbn/professional/local_radar_large.asp?nxsite=cwbi&type=jloop&nstype=r1

EXETER RADAR (LONDON):

http://proa.accuweather.com/adcbn/professional/local_radar_large.asp?nxsite=cwso&type=jloop&nstype=r1

KING CITY RADAR (TORONTO):

http://proa.accuweather.com/adcbn/professional/local_radar_large.asp?nxsite=cwkr&type=jloop&nstype=r1

FLINT, MICH. RADAR LOOP – WIDE AREA:

<http://www.intellicast.com/National/Radar/Current.aspx?location=USMI0127&animate=true>

FLINT, MICH. RADAR LOOP – CLOSE-UP:

<http://www.intellicast.com/storm/severe/onekm.aspx?location=USMI0295&animate=true>

BUFFALO, N.Y. RADAR LOOP – WIDE AREA:

<http://www.intellicast.com/National/Radar/Current.aspx?location=USNY0124&animate=true>

BUFFALO, N.Y. RADAR LOOP – CLOSE UP:

<http://www.intellicast.com/storm/severe/onekm.aspx?location=USNY0181&animate=true>

U.S.A. NATIONAL RADAR LOOP:

<http://www.intellicast.com/National/Radar/Current.aspx?location=default&animate=true>

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/hpcdiscussions.php?disc=pmdepd>

LOCAL DETROIT WEATHER SERVICE TEXT DISCUSSION

<http://www.nws.noaa.gov/view/prodsByState.php?state=MI&prodtype=discussion#AFDDTX>

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

<http://www.cpc.ncep.noaa.gov/products/forecasts/>

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

<http://www.cpc.ncep.noaa.gov/products/forecasts/>

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/K-W/MISSISSAUGA etc.:

http://www.mto.gov.on.ca/english/traveller/trip/traffic_cameras.shtml