



Environment and
Climate Change Canada

Environnement et
Changement climatique Canada

Canada



Weather in Atlantic Canada

Community Based Water Monitoring Workshop

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Services Support Meteorologist
Dartmouth, Nova Scotia
November 2016**

Topics

- Who we are and what we do
- Types of storms in Atlantic Canada
- Examples of specific weather hazards
- What weather information is available?



Meteorological Service of Canada (MSC)

Client Services Operations Atlantic

- Warning Preparedness Meteorologist Program (WPM)
- Dissemination services
- Atlantic Climate Centre



Warning Preparedness Meteorologist (WPM):

What we do

Media

- WPMs work closely with the media and respond to hundreds of requests per year

Storm Specific Media Briefings

- During major weather events media technical briefings are held to ensure the public is well informed about impending weather hazards



Warning Preparedness Meteorologist (WPM):

What we do

- Work closely with emergency management agencies at ALL levels of government
- Goal is to ensure EM officials know how to react to hazardous weather events and have the necessary weather support during all types of emergencies



Let's talk Weather...



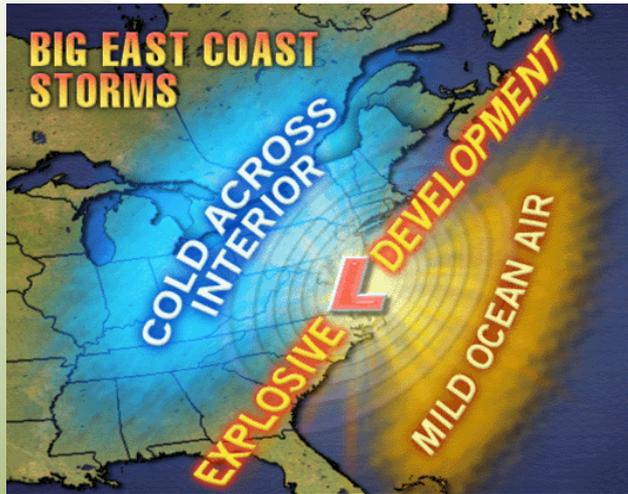
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Extra-Tropical (aka mid-Latitude Storms)

- Most of the storms we get in Nova Scotia are categorized as extra-tropical storms



They develop due to a contrast in air temperature over a relatively short distance



Storm Tracks in Summer



Winter storms are extra-tropical storms

Classic comma shaped cloud pattern



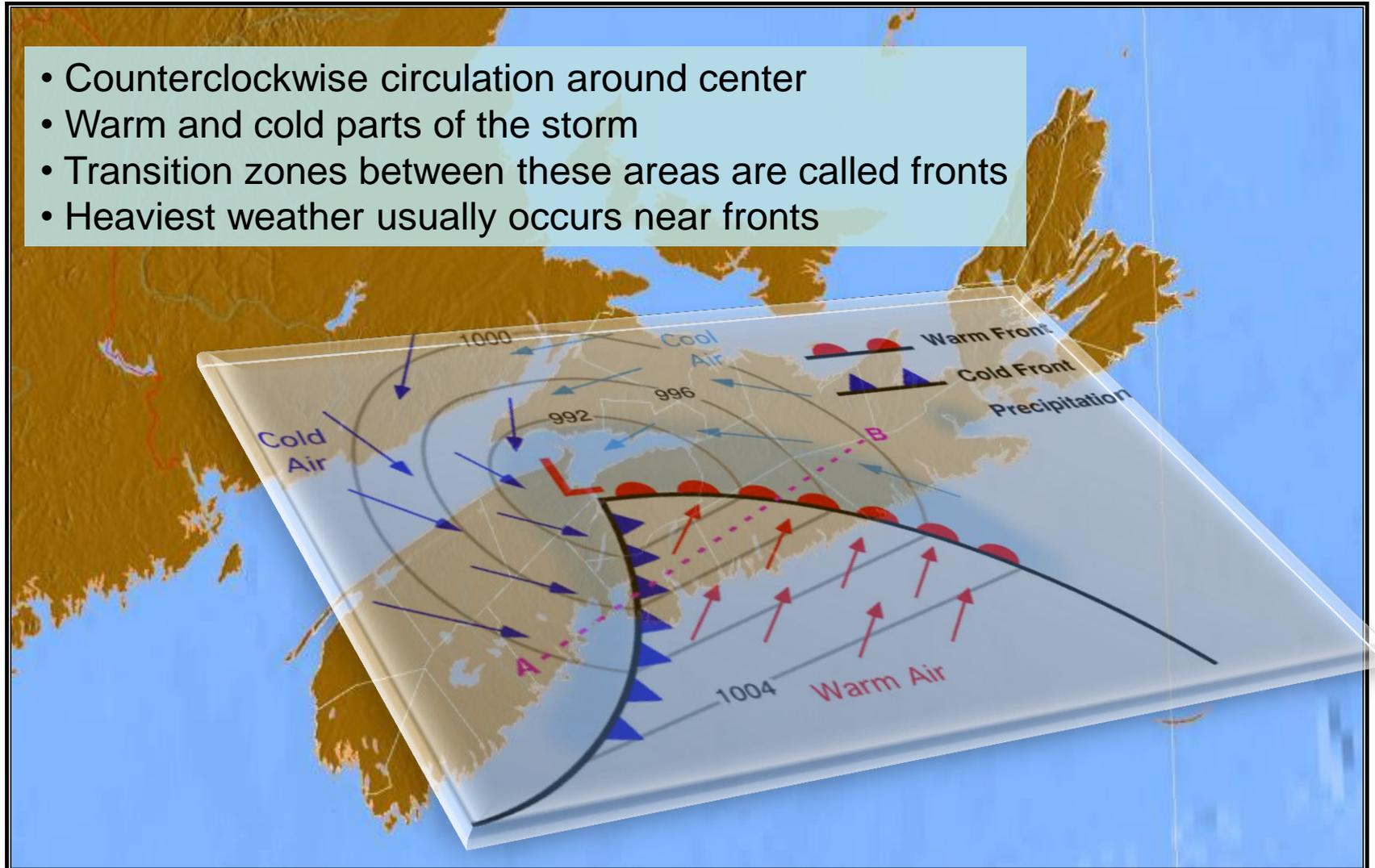
Storm Tracks in Winter



Mid Latitude Storms

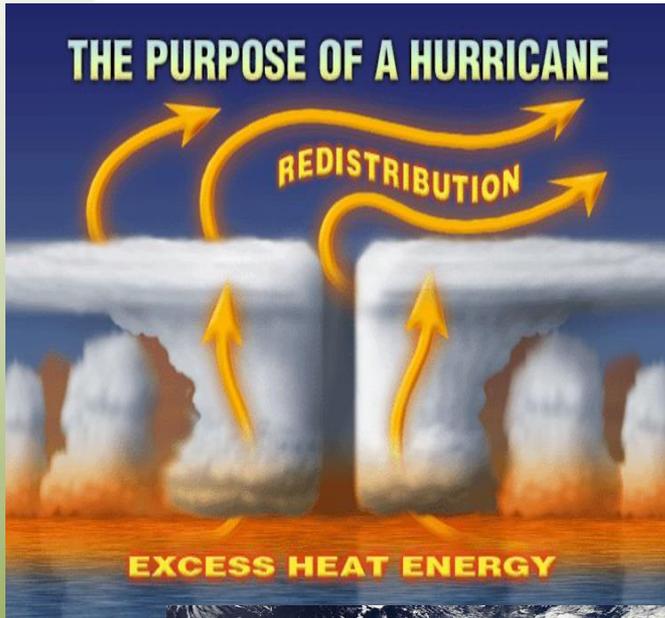
Structure of a mid latitude storm

- Counterclockwise circulation around center
- Warm and cold parts of the storm
- Transition zones between these areas are called fronts
- Heaviest weather usually occurs near fronts

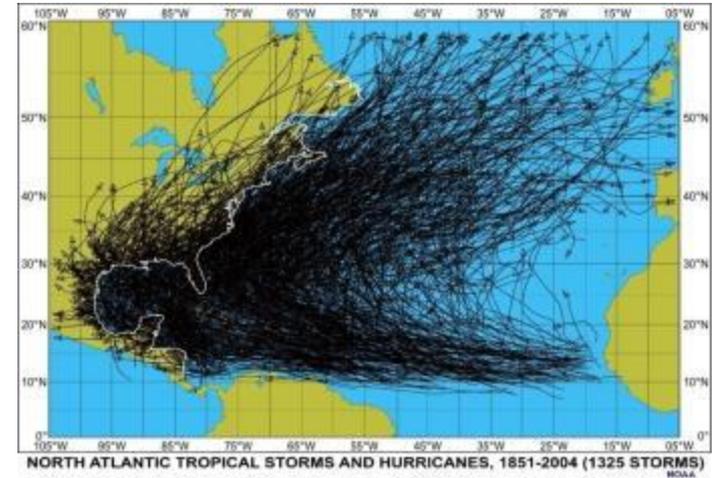


Tropical Storms and Hurricanes

Tropical storms form over the warm water of the tropics in order to redistribute excess heat from the ocean



TSs form over the tropical ocean in the late summer and early fall

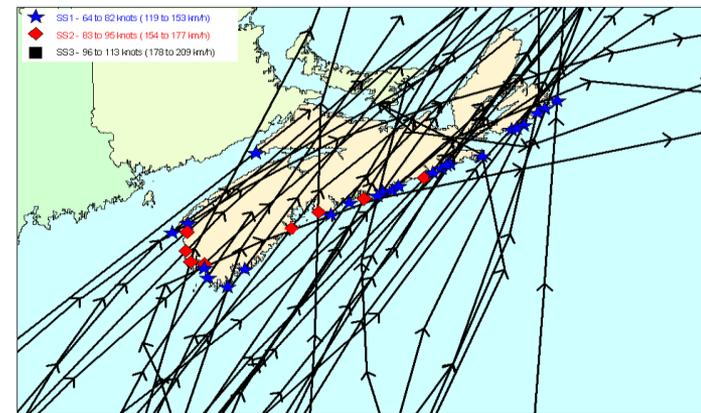


Atlantic Tropical Storms



No cold area – only warm area

Symmetrical cloud pattern



Nova Scotia Landfalling Hurricanes



Tropical Storms and Hurricanes

Stages of Development

Tropical Disturbance
Wind < 37 km/h (23 mph)



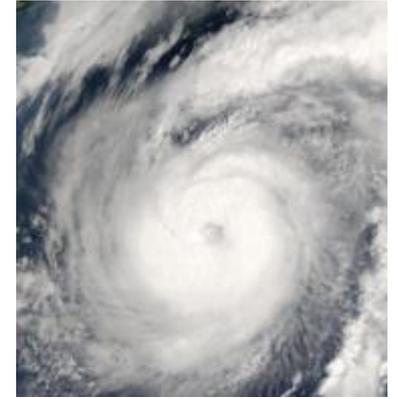
Tropical Depression
Wind 37+ km/h (23 mph)



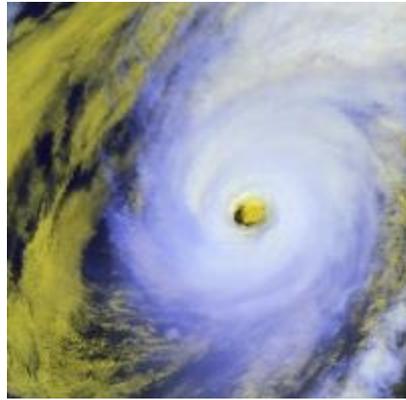
Tropical Storm
Wind 63+ km/h (39 mph)



Hurricane – Cat. 1
Wind 119+ km/h (74 mph)



Wind 154+ km/h (96 mph)
Hurricane – Cat. 2



Wind 178+ km/h (111 mph)
Hurricane – Cat. 3



Wind 211+ km/h (131 mph)
Hurricane – Cat. 4

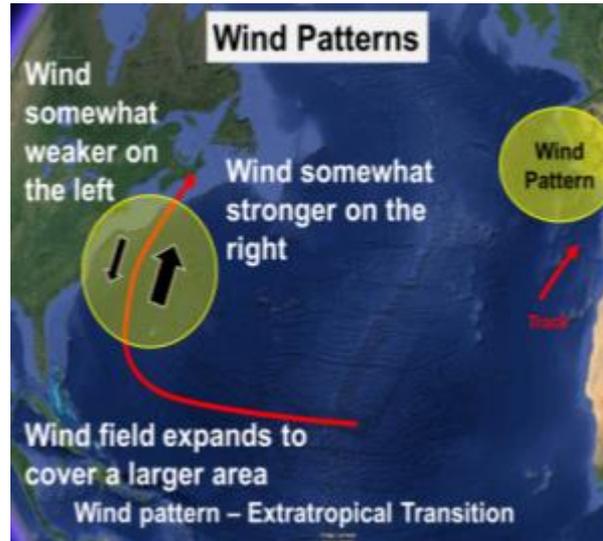
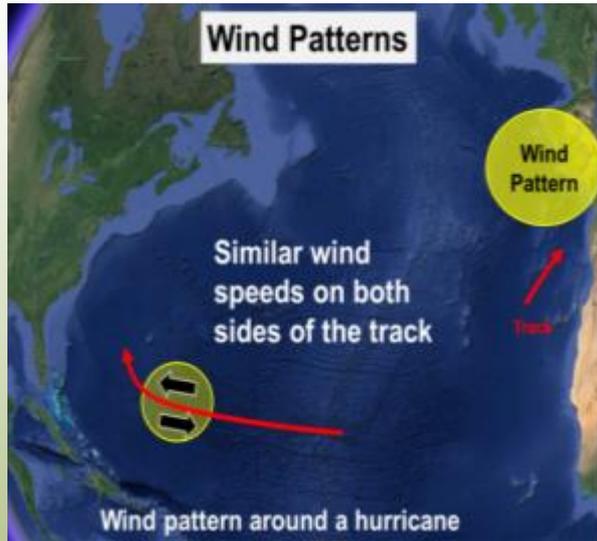


Wind > 251 km/h (156 mph)
Hurricane – Cat. 5



From Tropical to Post-Tropical

Wind

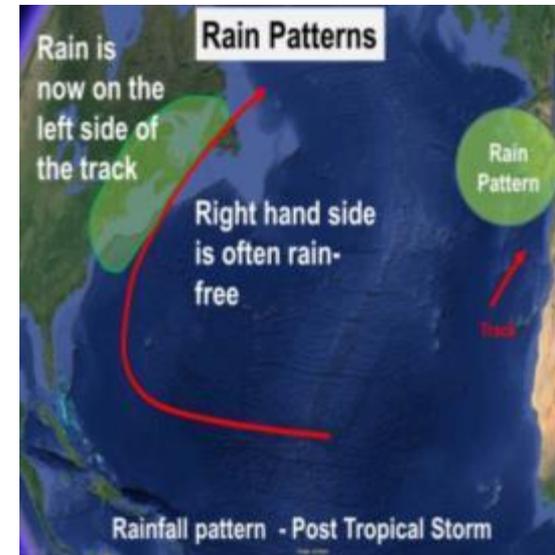
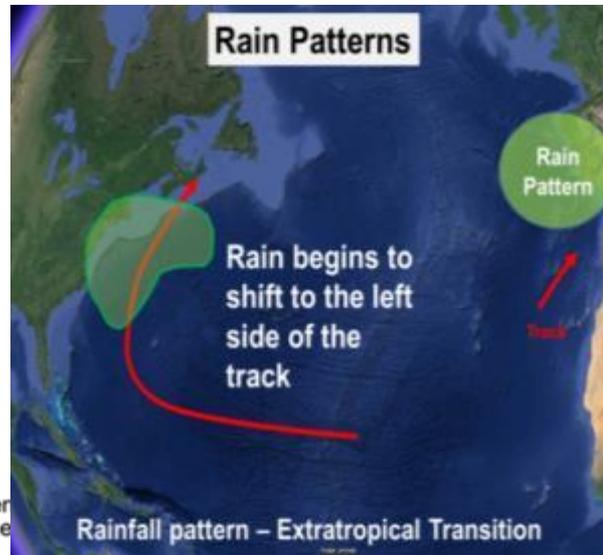
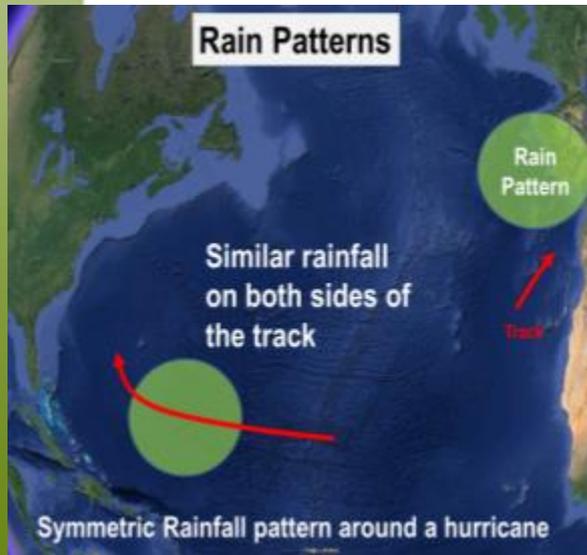


Purely Tropical

Extra-tropical transition

Post-Tropical

Rain



Weather Hazards



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Weather Hazards – Heavy Precipitation

Heavy precipitation - Rain

- Heavy rain can occur during any type of storm (tropical or non-tropical) but rain associated with tropical type weather systems have the potential to produce the most rain in a short period of time



Weather Hazards – Heavy Precipitation

2016 Thanksgiving Day Flood



Weather Hazards – Heavy Precipitation

Heavy precipitation - Snow

- Heavy snow associated with winter storms has the potential to immobilize parts of the province, strand motorists, stop the flow of supplies and can also cause disruptions in emergency services
- A heavy accumulation of snow may result in building collapses and damage to power infrastructure



Weather Hazards – Wind

Wind

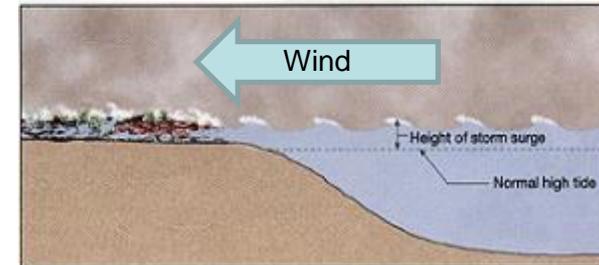
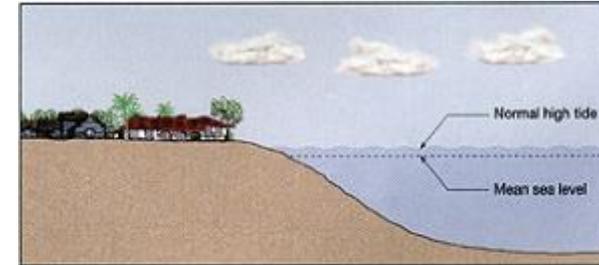
- Wind speeds can vary considerably between nearby locations due to a variety of factors like terrain height, influence of the surrounding structures and topographic features
- Extreme winds can result in power outages, injury due to flying debris, falling trees and travel disruptions especially where bridges and causeways are involved



Weather Hazards – Storm Surge

Storm surge

- A storm surge is an **abnormal rise in water levels** caused by intense storms
- The storm surge itself is caused by the wind and pressure "pushing" the water onto the shore
- Damage from storm surges are usually a result of not only the surge but the combination of surge and pounding surf on coastal infrastructure
- High water levels due to storm surge can occur anywhere in Nova Scotia



North Shore NS - Dec 2010



Liverpool NS– Feb 2013

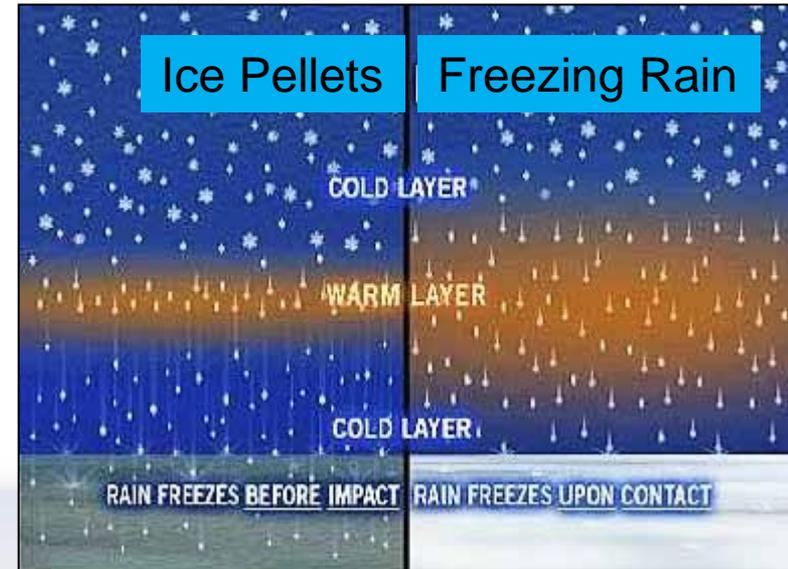


Shelburne NS– Feb 2013

Weather Hazards – Freezing Precipitation

Freezing Precipitation

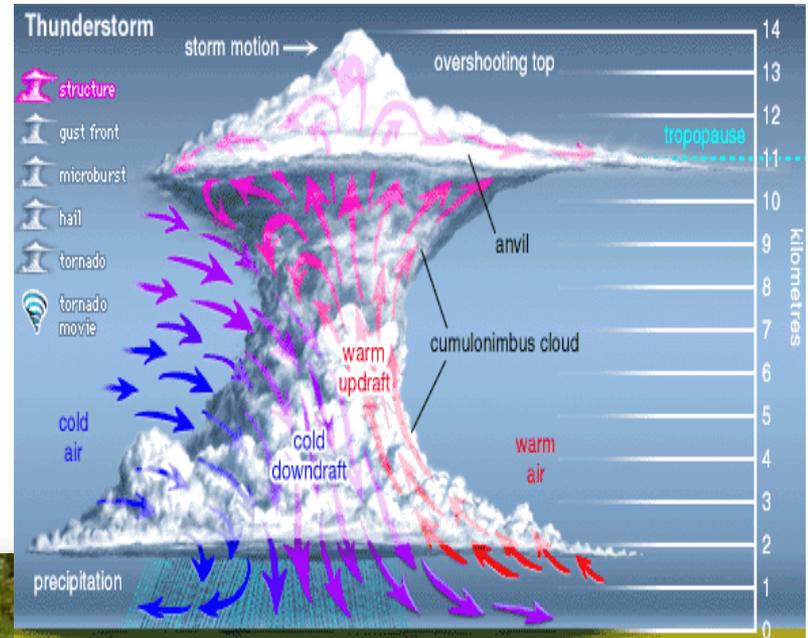
- Freezing precipitation occurs when rain or snow falls through a warm then a cold layer
- Freezing rain freezes on contact and can result in dangerous driving conditions as well as power and other utility outages



Weather Hazards – Severe Thunderstorms

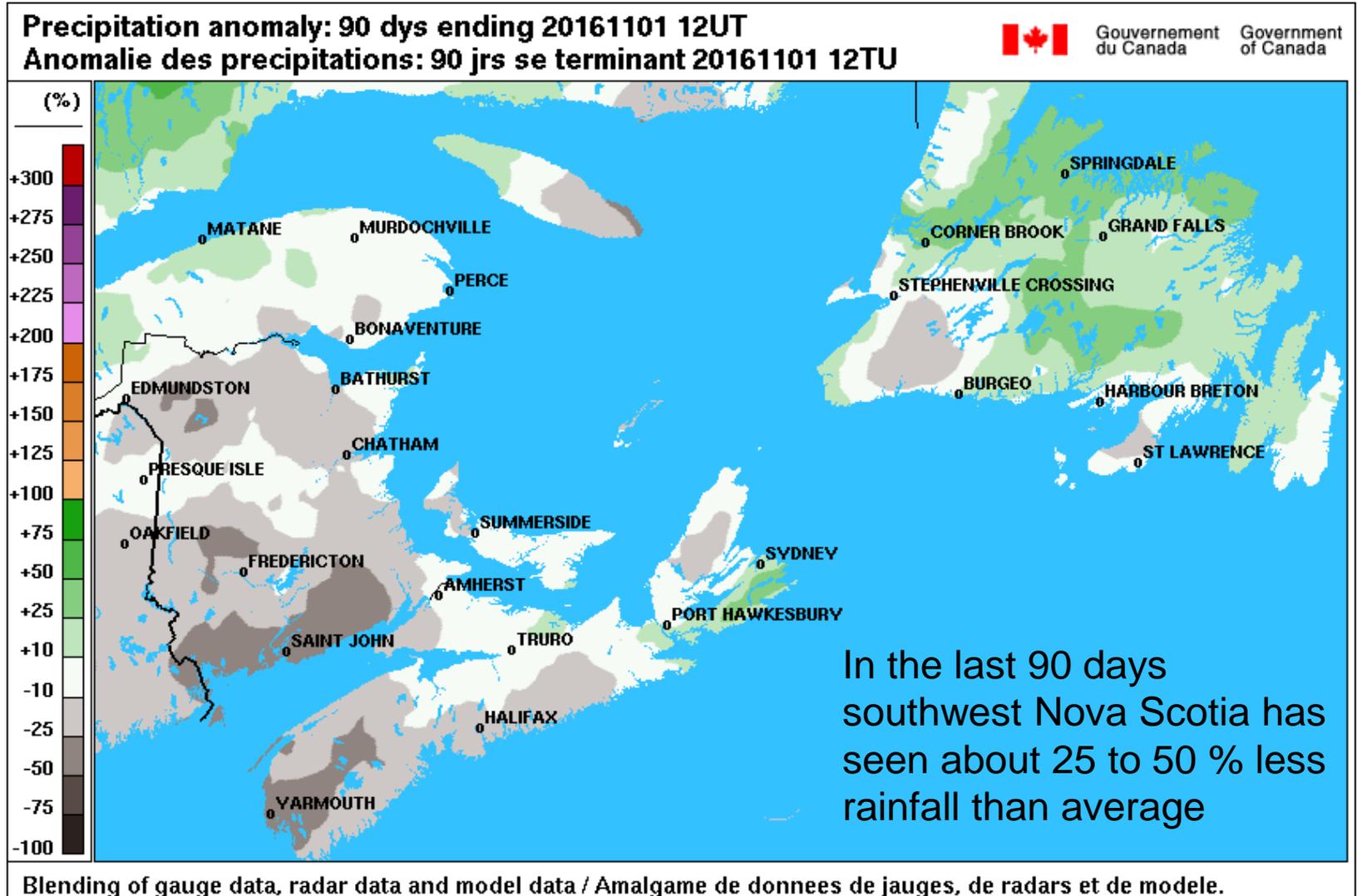
Severe Thunderstorms

- Thunderstorms can occur anytime of year but are most frequent during the late spring and summer months
- Severe thunderstorms can produce lightning, hail, damaging winds, flash flooding and even tornadoes



A “New” Weather Hazard – Drought

Drought 2016 – SW Nova Scotia



A “New” Weather Hazard – Drought

Drought 2016 – SW Nova Scotia

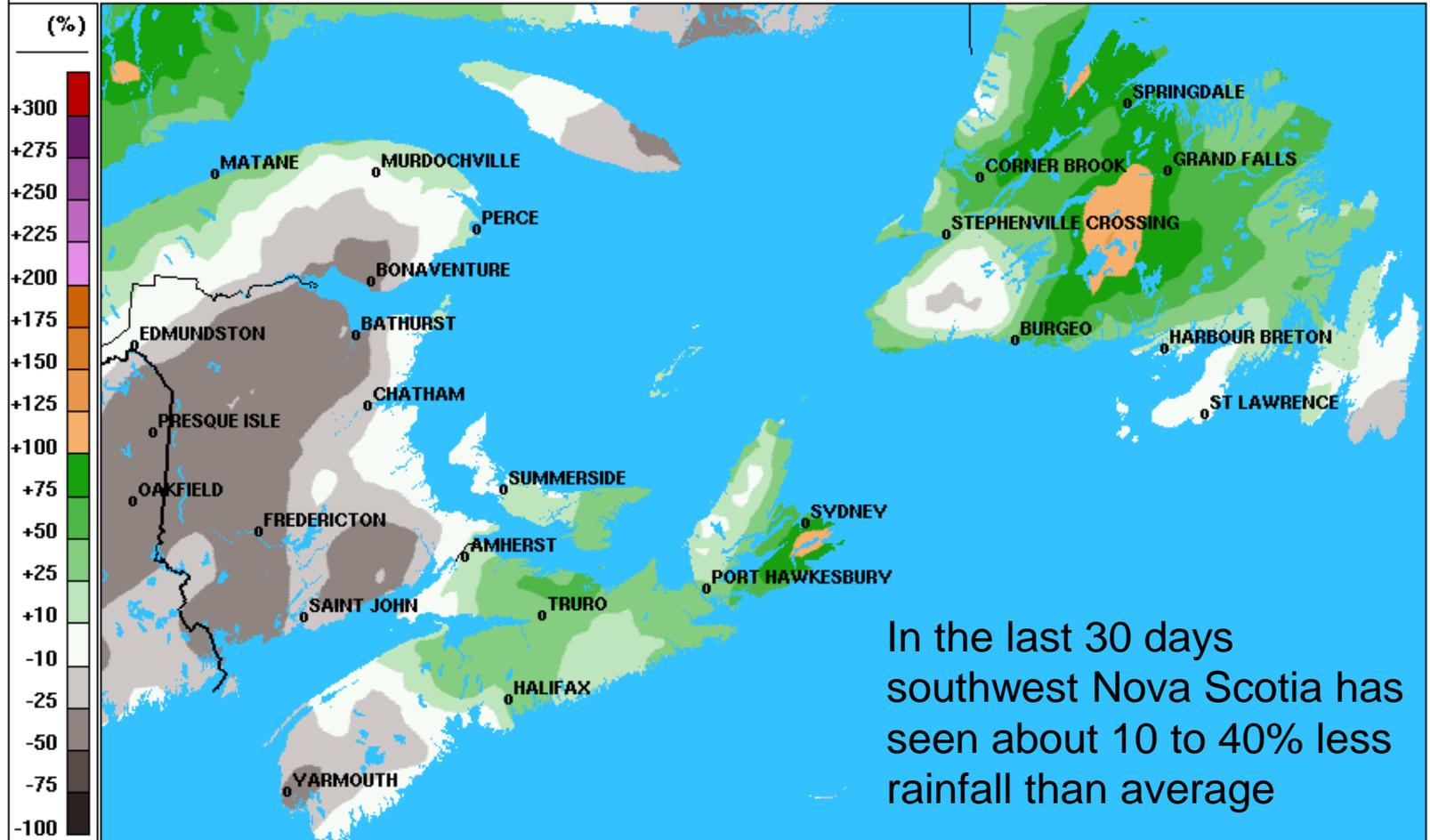
Precipitation anomaly: 30 dys ending 20161101 12UT

Anomalie des precipitations: 30 jrs se terminant 20161101 12TU



Gouvernement
du Canada

Government
of Canada



Blending of gauge data, radar data and model data / Amalgame de donnees de jauges, de radars et de modele.



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A “New” Weather Hazard – Drought

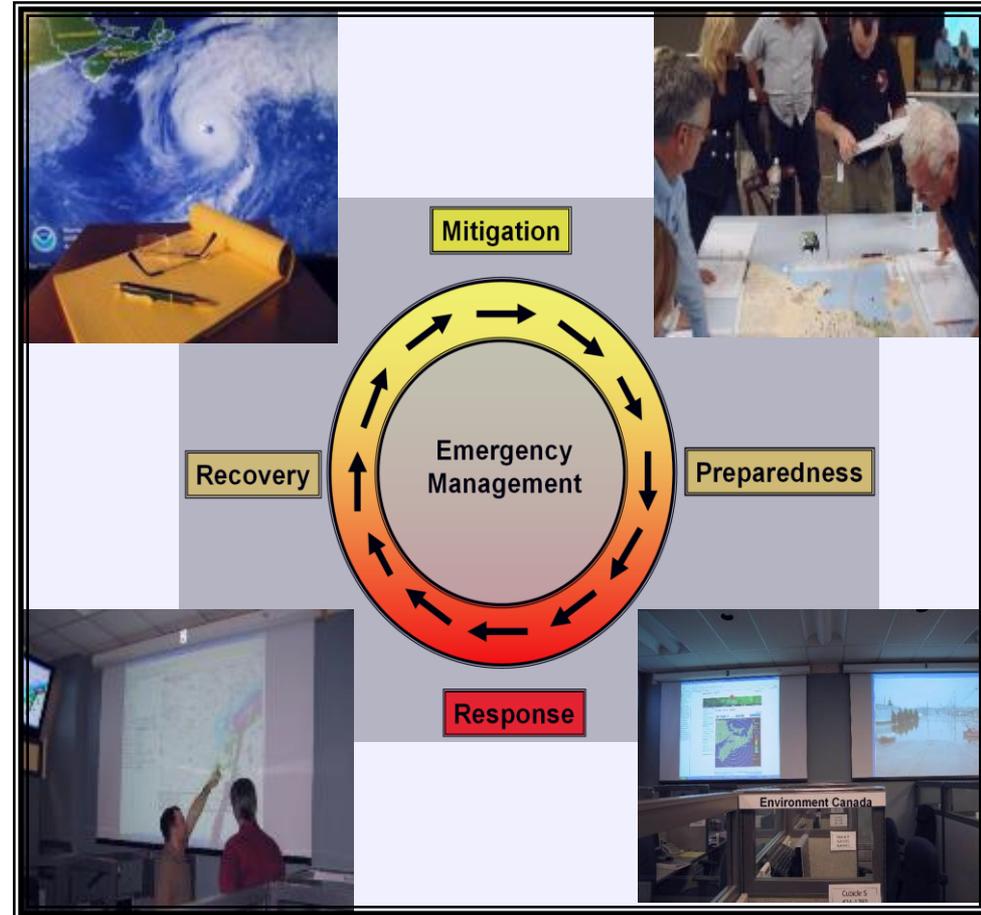
Drought 2016 – SW Nova Scotia



Weather Resources

Partners in Emergency Management

- ECCC's **Warning Preparedness Meteorologists** are there to work hand in hand with emergency management officials in each province
 - Provide specialized weather updates before, during and after storms or other emergency events
 - Provide formal briefings including possibly relocating to Emergency Coordination Centres during extreme events or emergencies
 - Participate in emergency planning and exercising
 - Prepare weather scenarios and associated bulletins for emergency exercises



Available Weather Information

Environment and Climate Change Weather Website

Current Conditions at various locations

Public Weather Alerts

Radar showing precipitation

Computer modelling

Air Quality information

Past weather information which can be used for hazard analysis

The screenshot shows the homepage of the Environment and Climate Change Canada weather website. At the top, there is a navigation bar with the Government of Canada logo and a search bar. Below this is a menu with categories like Jobs, Immigration, Travel, Business, Benefits, Health, Taxes, and More services. The main content area features five weather-related maps: Current Conditions, Public Alerts, Radar, Satellite, and Jet Stream. Below the maps is a 'Weather Information' section with sub-sections for Weather, Alerts, Marine, Air Quality, Analyses and Modelling, and Past Weather. Arrows from the text on the left point to these specific features on the website.

Satellite showing clouds



Available Weather Information

Weather Forecasts

FPCN11 CWHX 081332

FORECASTS FOR NOVA SCOTIA ISSUED BY ENVIRONMENT CANADA AT 11.00 AM ADT SUNDAY 8 JUNE 2014 FOR TODAY AND MONDAY. THE NEXT SCHEDULED FORECAST WILL BE ISSUED AT 4.00 PM.

HALIFAX METRO AND HALIFAX COUNTY WEST TODAY..SUNNY. HIGH 22. UV INDEX 8 OR VERY HIGH.

TONIGHT..CLEAR. LOW 8.

MONDAY..SUNNY. BECOMING CLOUDY NEAR NOON. HIGH 25 EXCEPT 18 ALONG PARTS OF THE COAST.

- **Do not rely on icons** posted on websites...to get a more accurate picture of the expected weather read the text bulletin
- **Check adjacent regions as well**

- Detailed forecasts are issued **3 times per day** or as required for all 23 forecast regions in Nova Scotia



Available Weather Information

Weather Watches and Warnings

- A **Watch** means that conditions are favourable for a storm or severe weather
- A **Warning** is a message that severe weather is either occurring or will occur
- You can get watches and warnings:
 - On the internet (website)
 - Via Weatheradio
 - Via EC Alert Me

WVCN11 C08X 122040
SEVERE THUNDERSTORM WATCH
FOR NOVA SCOTIA
UPDATED BY ENVIRONMENT CANADA
AT 5:40 P.M. ADT TUESDAY 12 JULY 2016.

SEVERE THUNDERSTORM WATCH FOR:
-NEW- HALIFAX COUNTY - EAST OF PORTERS LAKE
-NEW- PICTOU COUNTY
-NEW- GUYSBOROUGH COUNTY
COLCHESTER COUNTY - TRURO AND SOUTH
COLCHESTER COUNTY - COBEQUID BAY
COLCHESTER COUNTY NORTH.

SEVERE THUNDERSTORM WATCH ENDED FOR:
HANTS COUNTY
CUMBERLAND COUNTY - MINAS SHORE
CUMBERLAND COUNTY NORTH AND COBEQUID PASS.

==DISCUSSION==

CONDITIONS ARE FAVOURABLE FOR THE DEVELOPMENT OF SEVERE THUNDERSTORMS THAT MAY BE CAPABLE OF PRODUCING STRONG WIND GUSTS, LARGE HAIL AND HEAVY RAIN.

THUNDERSTORM CELLS HAVE MOVED OVER NORTHERN NOVA SCOTIA CONTINUE TO TRACK EASTWARD. GUSTY WINDS, SMALL HAIL AND HEAVY DOWNPOURS ARE POSSIBLE IN THESE THUNDERSTORMS FOR THE NEXT COUPLE OF HOURS.

HEAVY DOWNPOURS CAN CAUSE FLASH FLOODS AND WATER POOLING ON ROADS. BE PREPARED FOR SEVERE WEATHER. TAKE COVER IMMEDIATELY, IF THREATENING WEATHER APPROACHES. LIGHTNING KILLS AND INJURES CANADIANS EVERY YEAR. REMEMBER, WHEN THUNDER ROARS, GO INDOORS(EXCLAMATION MARK) SEVERE THUNDERSTORM WATCHES ARE ISSUED WHEN ATMOSPHERIC CONDITIONS ARE FAVOURABLE FOR THE DEVELOPMENT OF THUNDERSTORMS THAT COULD PRODUCE ONE OR MORE OF THE FOLLOWING: LARGE HAIL, DAMAGING WINDS, TORRENTIAL RAINFALL. PLEASE CONTINUE TO MONITOR ALERTS AND FORECASTS ISSUED BY ENVIRONMENT CANADA. TO REPORT SEVERE WEATHER, SEND AN EMAIL TO WEATHERASPC(AT)EC.GC.CA OR TWEET REPORTS TO (#HASH)NSSTORM.

HTTP://WEATHER.GC.CA

END/ASPC

The screenshot shows the Environment Canada Weatheroffice website. At the top, there are logos for Environment Canada and Canada. The main header features a green background with a red maple leaf and the text "Weatheroffice www.weatheroffice.gc.ca". Below the header is a navigation menu with links for "Français", "Home", "Contact Us", "Help", "Search", and "canada.gc.ca". A secondary menu includes "Home > Warnings >". Under "Warnings", there are three buttons: "Public Warnings", "Marine Warnings", and "Special Weather Statements". A sidebar on the left lists various services like "Current Conditions & Forecasts", "Radar & Satellite", "Marine Info", "Aviation Weather", "Analyses & Modelling", "Text Bulletins", "Historical Weather", "Educational Resources", and "About Us". The main content area displays a map of Nova Scotia with a red warning area covering most of the province. A legend at the bottom of the map indicates: a red square for "Warning", a yellow square for "Watch", a green square for "Ended warning or watch", a white square with a red border for "No warning or watch", and a white square with a red border for "No forecast service".



Available Weather Information

Special Weather Statements

WOCN11 CWHX 110720
SPECIAL WEATHER STATEMENT
FOR NOVA SCOTIA
ISSUED BY ENVIRONMENT CANADA
AT 4:20 A.M. ADT MONDAY 11 JULY 2016.

SPECIAL WEATHER STATEMENT FOR:
=NEW= SYDNEY METRO AND CAPE BRETON COUNTY.

==DISCUSSION==

AN INTENSIFYING LOW PRESSURE SYSTEM SOUTHEAST OF CAPE BRETON ISLAND WILL SLOWLY MOVE AWAY TOWARDS NEWFOUNDLAND TODAY. AS IT MOVES AWAY IT WILL CONTINUE TO GIVE SIGNIFICANT RAINFALL, ESPECIALLY TO SOUTHEASTERN CAPE BRETON, WHERE AMOUNTS ARE FORECAST TO REACH UP TO 35 MILLIMETRES BEFORE TAPERING OFF LATE TODAY. HOWEVER, THE STORM MAY BE SOMEWHAT MORE INTENSE THAN CURRENT FORECAST GUIDANCE INDICATES, AND TOTAL RAINFALL AMOUNTS MAY REACH OR EXCEED 50 MILLIMETRES LOCALLY.

PLEASE CONTINUE TO MONITOR ALERTS AND FORECASTS ISSUED BY ENVIRONMENT CANADA. TO REPORT SEVERE WEATHER, SEND AN EMAIL TO WEATHERASPC(AT)EC.GC.CA OR TWEET REPORTS TO (HASH)NSSTORM.

[HTTP://WEATHER.GC.CA](http://weather.gc.ca)

END/ASPC

Special Weather Statements are issued for weather events that are unusual but do not warrant a warning at that time. For example they can be issued for the following scenarios:

- When an expected storm is several days away
- Smoke due to forest fires
- Weather hazards are expected to cause inconvenience to the public



Available Weather Information

Hurricane Information

Statements and track maps

WOCN31 CUHX 201200
TROPICAL CYCLONE INFORMATION STATEMENT ISSUED BY THE CANADIAN
HURRICANE CENTRE OF ENVIRONMENT CANADA AT 9.00 AM ADT MONDAY
20 SEPTEMBER 2010.

INFORMATION STATEMENT FOR:
=NEW= NEWFOUNDLAND.

HURRICANE IGOR.

THE NEXT STATEMENT WILL BE ISSUED BY 3.00 PM ADT

IGOR NORTH OF BERMUDA, EXPECTED TO CROSS THE GRAND BANKS AND
GIVE HEAVY RAIN AND GUSTY WINDS TO NEWFOUNDLAND ON TUESDAY.

=DISCUSSION=

1. SUMMARY OF BASIC INFORMATION AT 9.00 AM ADT

LOCATION: 35.2 N 64.0 W
ABOUT 320 KM NORTH NORTHEAST OF BERMUDA
MAXIMUM SUSTAINED WINDS: 120 KM/H
PRESENT MOVEMENT: NORTH NORTHEAST AT 33 KM/H
MINIMUM CENTRAL PRESSURE: 957 MB.

2. PUBLIC WEATHER IMPACTS AND WARNINGS SUMMARY

WHILE THE CENTRE OF IGOR IS EXPECTED TO PASS WELL SOUTHEAST OF THE
AVALON PENINSULA LATER ON TUESDAY, IT IS EXPECTED TO SPREAD HEAVY
RAIN ACROSS CENTRAL AND EASTERN PORTIONS OF THE PROVINCE TUESDAY
MORNING. IN ADDITION, A TROUGH OF LOW PRESSURE UNRELATED TO IGOR WILL
CROSS NEWFOUNDLAND TODAY.
THE SOUTH COAST. THE NE
HAS ISSUED RAINFALL WAR
TO THIS TROUGH. ON TUES
TROPICAL MOISTURE FROM
NEWFOUNDLAND. TOTAL RAI
SO TO 100 MILLIMETERS T
AVALON PENINSULA WILL L
AMOUNTS ON THE AVALON C
RESULT THE NLWO HAS EXT
EASTERN NEWFOUNDLAND.

A. WIND

WIND GUSTS POSSIBLY EXC
PARTS OF THE AVALON PEN
AND EVENING. THE CHC HA
FOR THESE AREAS. THERE
EXTENDED TO THE BONAVIS

B. RAINFALL

EXCESSIVE RAINFALL WILL
AND RIVERS COMING OVER
SHOULD BE PREPARED FOR
DAMAGE.

C. SURGE/WAVES

LONG PERIOD SWELLS OF UP TO 2 TO 3 METRES SPREADING OUT AHEAD OF
IGOR WILL CONTINUE TO AFFECT THE ATLANTIC COASTS OF NOVA SCOTIA
AND NEWFOUNDLAND. IN ADDITION HIGHER THAN NORMAL WATER LEVELS AND HEAVY
POUNDRING SURF CAN BE EXPECTED ALONG THE NORTHEAST AND EAST COASTS OF
NEWFOUNDLAND LATER IN THE DAY TUESDAY AS IGOR MOVES EAST OF THE GRAND
BANKS.

3. MARINE WEATHER IMPACTS AND WARNINGS SUMMARY

HURRICANE FORCE WINDS ARE EXPECTED CLOSE TO THE TRACK OF IGOR AS
IT TRACKS NEAR LAURENTIAN FAN TUESDAY MORNING AND CROSSES THE GRAND
BANKS TUESDAY AFTERNOON. STORM FORCE WINDS WILL AFFECT MOST OFFSHORE
WATERS. GALES ARE EXPECTED TO EXTEND FAR FROM IGOR AS IT PASSES BY ON
TUESDAY. HURRICANE FORCE WIND WARNINGS HAVE BEEN ISSUED FOR THE
SOUTHEASTERN HALF OF LAURENTIAN FAN AND MOST OF THE GRAND BANKS. STORM
WARNINGS HAVE BEEN ISSUED FOR ADJACENT WATERS. GALE WARNINGS HAVE ALSO
BEEN POSTED FOR ALL REMAINING MARITIME SLOPE WATERS, AS WELL AS FROM
EASTERN SABLE TO THE SOUTH AND EAST COASTS OF NEWFOUNDLAND.

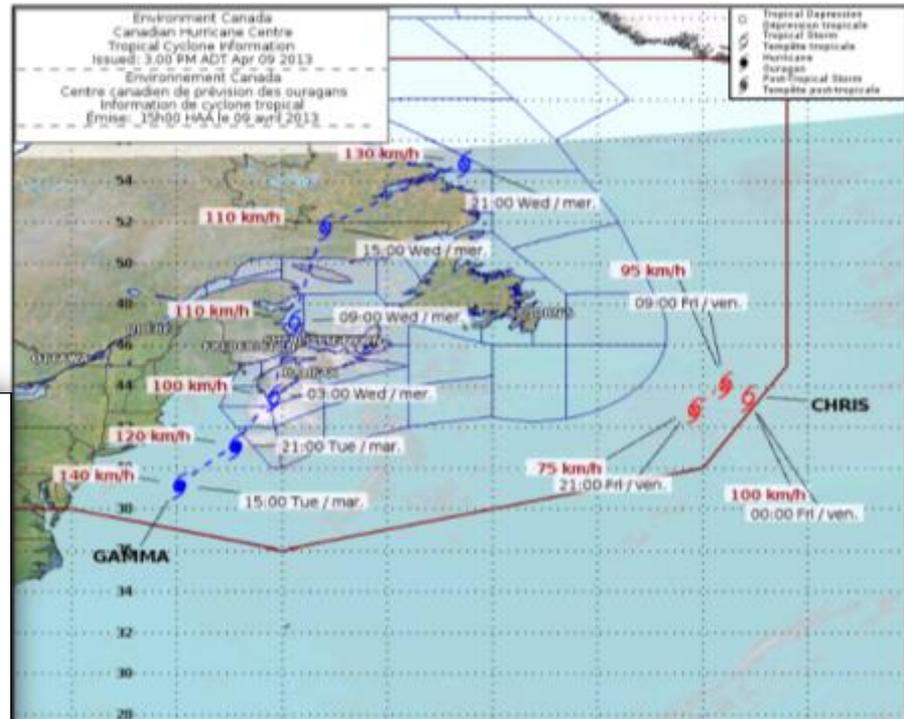
AN AREA OF 9 TO 10 METRE SIGNIFICANT WAVE HEIGHTS (HIGHEST 1/3 OF THE
WAVES) CAN BE EXPECTED NEAR AND CLOSE TO THE RIGHT-HAND-SIDE OF IGOR'S
TRACK.

VISIT [HTTP://WEATHEROFFICE.GC.CA/HURRICANE/INDEX_E.HTML](http://weatheroffice.gc.ca/hurricane/index_e.html) (IN LOWER CASE)
FOR THE LATEST:

- FORECAST POSITION, CENTRAL PRESSURE TABLE
- STRENGTH AND PREDICTED WIND RADII TABLE
- HURRICANE TRACK INFORMATION MAP
- TECHNICAL DISCUSSION

PLEASE REFER TO THE PUBLIC AND MARINE FORECASTS AND WARNINGS ISSUED BY
ENVIRONMENT CANADA FOR YOUR AREA.

END KHAN/HATT/FOGARTY



http://weather.gc.ca/hurricane/index_e.html



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Available Weather Information

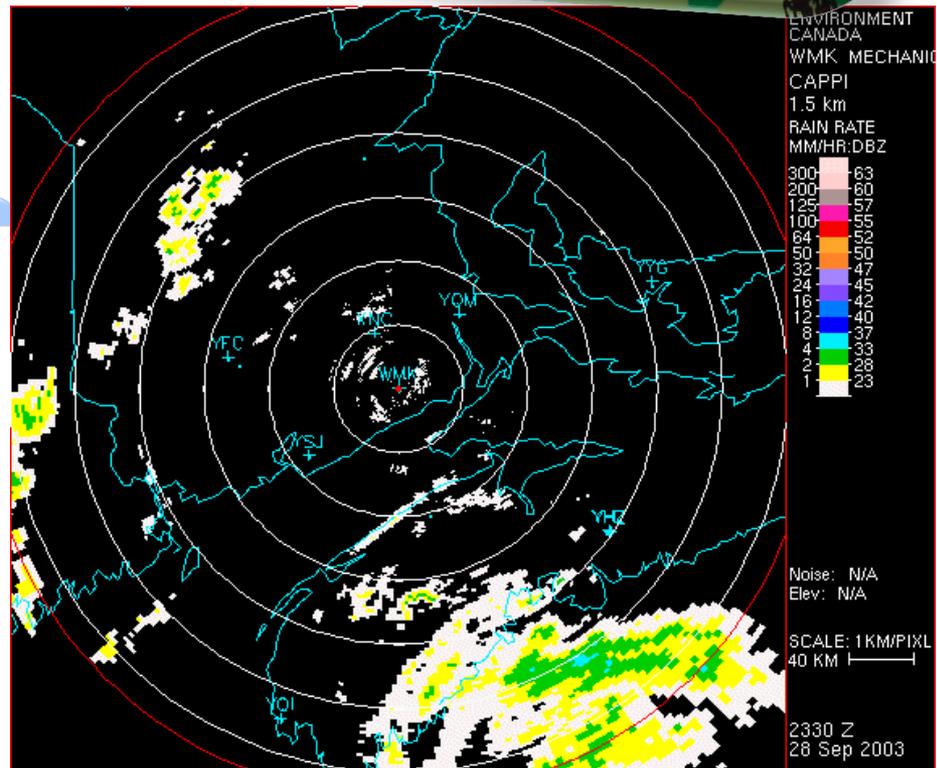
RADAR (RAdio Detection And Ranging)

- Used to detect precipitation
- Pulse sent out then bounces off rain/snow and part of it comes back to the radar
- Useful during and within 2-5 hours of precipitation onset



Weather Radar - Atlantic

Choose a Province or RADAR station (RADAR stations are represented by black dots.)



Available Weather Information

Post Impact Weather Information

AWCN11 CWHX 290718

SPECIAL WEATHER SUMMARY MESSAGE FOR NOVA SCOTIA ISSUED BY ENVIRONMENT CANADA AT 4:18 AM ADT MONDAY 29 SEPTEMBER 2008.

HURRICANE KYLE MADE LANDFALL JUST NORTH OF YARMOUTH AT 9:30 PM SUNDAY EVENING JUST AS IT WEAKENED TO A TROPICAL STORM. KYLE THEN MOVED ACROSS DIGBY COUNTY AND INTO THE BAY OF FUNDY AND RAPIDLY BECAME POST-TROPICAL. KYLE IS MOVING ACROSS THE TANTRAMAR MARSH AREA AND IS FORECAST TO MOVE ACROSS PRINCE EDWARD ISLAND THIS MORNING.

THE FOLLOWING WIND GUSTS WERE OBSERVED FROM VARIOUS LOCATIONS ACROSS NOVA SCOTIA UP TO 3 AM ADT.

YARMOUTH AIRPORT.....76 KM/H
BACCARO POINT..... 124 KM/H
BRIAR ISLAND.....74 KM/H
WESTERN HEAD.....102 KM/H
LUNENBURG.....93 KM/H
CFB GREENWOOD.....76 KM/H
MACNABS ISLAND.....102 KM/H
HALIFAX STANFIELD INT AIRPORT.....91 KM/H
BEAVER ISLAND.....95 KM/H
LES SUETES...GRAND ETANG.....106 KM/H

SOME EARLY REPORTED RAINFALL AMOUNTS ASSOCIATED DIRECTLY WITH KYLE ARE:

YARMOUTH..... 43 MILLIMETRES
BRIAR ISLAND.....33 MILLIMETRES
KEJMKUJK..... 28.6 MILLIMETRES
HALIFAX STANFIELD INT AIRPORT35 MILLIMETRES



Available Weather Information

Weather and Climate Data Online

Station Results - Historical Data

42 locations match your customized search. Confirm the [Data Interval](#) and Date for one of the locations listed and click GO to display the data.

Station	Prov.	Date Interval	Year	Month	Day	Go
BACARDY PT	NS	Hourly	2016	Nov	8	Go
BEAVER ISLAND (AUT)	NS	Hourly	2016	Nov	8	Go
BESFORD BARN	NS	Hourly	2016	Nov	8	Go
BESFORD RANGE	NS	Hourly	2016	Nov	8	Go
BREWER ISLAND	NS	Hourly	2016	Nov	8	Go
CARIBOU POINT (AUT)	NS	Hourly	2016	Nov	8	Go
CHETICAMP CE	NS	Hourly	2016	Nov	8	Go
COLLEENVILLE AUTO	NS	Hourly	2016	Nov	8	Go
DEBERT	NS	Hourly	2016	Nov	8	Go
EMERGENCY WEATHER STATION#2	NS	Hourly	2016	Nov	8	Go
ESKADON FIRST WATCH AUTOMATIC WEATHER STATION	NS	Hourly	2016	Nov	8	Go
GRAND ETANG	NS	Hourly	2016	Nov	8	Go
GREENWOODA	NS	Hourly	2016	Nov	8	Go
HALIFAX BRIDGEVIEW	NS	Hourly	2016	Nov	8	Go
HALIFAX INTL A	NS	Hourly	2016	Nov	8	Go
HALIFAX INTL WEST	NS	Hourly	2016	Nov	8	Go
HALIFAX WINDSOR PARK	NS	Hourly	2016	Nov	8	Go
NOONSH BEACH HCS	NS	Hourly	2016	Nov	8	Go
NEWBARK 1	NS	Hourly	2016	Nov	8	Go
KENTVILLE CDA CE	NS	Hourly	2016	Nov	8	Go
LUNenburg	NS	Hourly	2016	Nov	8	Go
MALAY FALLS	NS	Hourly	2016	Nov	8	Go
MONASIE ISLAND (AUT)	NS	Hourly	2016	Nov	8	Go
NAPRAW AUTO	NS	Hourly	2016	Nov	8	Go
NORTH MOUNTAIN CE	NS	Hourly	2016	Nov	8	Go

Daily Data Report for November 2016

**HALIFAX INTL A
NOVA SCOTIA**

Latitude: 44°52'52.000" N Longitude: 63°30'31.000" W Elevation: 145.40 m
Climate ID: 8202251 WMO ID: 71395 TC ID: YHZ

Related Data: No related data is available for this station.

Additional Search Options: [Nearby Stations with Data](#), [Historical Data Search](#)

Download Data: Daily Data (2016) CSV XML, [Download Data](#), [Get More Data](#)

2016 November Go

Daily Data Report for November 2016

DAY	Max Temp °C	Min Temp °C	Mean Temp °C	Heat Deg Days	Cool Deg Days	Total Rain mm	Total Snow on mm	Total Precip mm	Snow on Grnd on	Dv of Max Gust 10's deg	Spd of Max Gust km/h
01	7.9	4.5	6.4	11.6	0.0	0.4	0.0	0.4		3	41
02	10.0	4.4	7.2	10.8	0.0	0.2	0.0	0.2		32	37
03	8.7	6.1	7.4	10.6	0.0	6.8	0.0	6.8		35	33
04	8.4	1.0	4.7	13.3	0.0	1.4	0.0	1.4		32	41
05	4.3	-1.3	1.5	16.5	0.0	0.0	0.0	0.0		33	32
06	3.7	0.9	2.3	15.7	0.0	7.0	0.0	7.0		1	35
Sum				78.5	0.0	15.8	0.0	15.8			
Avg	7.2	2.7	4.9								
XMm	10.0	-1.3								32	41

Summary, average and extreme values are based on the data above.

2016 November Go



Available Weather Information

Volunteer Weather reporting - CoCoRaHS

CoCoRaHS Canada

A volunteer network of weather observers measuring and mapping precipitation (rain, and snow) in their communities.

- their web page allows observations to be mapped out in "real time", providing a wealth of information for data users.

The screenshot shows the CoCoRaHS Canada website. At the top, it says "COMMUNITY COLLABORATIVE RAIN, HAIL & SNOW NETWORK" with the tagline "Because every drop counts". There are navigation links for Home, Countries, States, View Data, Maps, My Data Entry, and Login. A banner for "Watch the CoCoRaHS Canada Intro Video" is visible. The main heading is "CoCoRaHS Canada" with the tagline "Volunteers working together to measure precipitation across the nation." There are images of rain gauges and a "JOIN CoCoRaHS" button. A sidebar on the left contains a "Main Menu" and "Resources" sections. On the right, there are links for "Français", "CoCoRaHS-Canada", and "TRAINING SLIDE-SHOWS".

The screenshot shows the CoCoRaHS Precipitation Map interface. It features a map of Canada with various weather stations marked by colored dots. A calendar for October 2016 is displayed, with the 10th highlighted. The date is Friday, November 04, 2016. A legend on the right shows precipitation amounts in inches, ranging from Zero to 2.94 inches. The interface includes navigation tabs for "Precipitation", "Canada", and "All Provinces".

Su	Mo	Tu	We	Th	Fr	Sa
25	26	27	28	29	30	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	1	2	3	4	

