

**Subject:** CWWG SigWx Discussion

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**Date:** 01/31/2015 05:30 AM

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ALERT: Received the following bulletin at Sat Jan 31 12:30:23 2015 GMT  
FOCN45 CWWG 311300  
SIGNIFICANT WEATHER DISCUSSION ISSUED BY THE PRAIRIE AND ARCTIC STORM  
PREDICTION CENTRE OF ENVIRONMENT CANADA AT 7:00 AM CST SATURDAY  
JANUARY 31 2015.

ALERTS AND STATEMENTS IN EFFECT... BLIZZARD WARNINGS FOR THE  
SOUTHERN KIVALLIQ, CLYDE RIVER AND NERN MANITOBA. EXTREME  
COLD WARNING FOR CHESTERFIELD INLET AND NRN MANITOBA. SNOWFALL  
WARNING FOR PORTIONS OF SOUTHERN ALBERTA. WIND WARNING IN PAULATUK.

DISCUSSION... UPPER LOW OVER HUDSON BAY WITH WEAK UPPER RIDGING OVER  
PACIFIC COAST. SURFACE HIGH INVADING PRAIRIES BEHIND THE COLD FRONT  
ASSOCIATED WITH NORTHERLY WINDS AND COLD AIR ADVECTION. REGIME  
CHANGES FROM THE MILD TEMPERATURES WE'VE BEEN SEEING TO SLIGHTLY  
COLDER THAN NORMAL JANUARY TEMPERATURES.

BLIZZARD CONDITIONS ACROSS THE EASTERN ARCTIC ARE EXPECTED TO  
IMPROVE LATE THIS MORNING TO EARLY THIS AFTERNOON AS WINDS SLOWLY  
DIMINISH.

LOW OVER THE ARCTIC OCEAN WILL SLUMP SOUTHWARDS OVER VICTORIA ISLAND  
THIS WEEKEND BRINGING STRON WINDS TO THE NWT ARCTIC COAST. WINDS IN  
PAULATUK HIT 74 KM/H SUSTAINED AND TUKTOYUKTUK WILL INCREASE TO 50  
GUSTING 70 TODAY. TUKTOYUKTUK HAD SIMILAR WINDS ON THE 28TH AND  
VISIBILITIES NEVER HIT BLIZZARD CRITERIA. PAULATUKS WINDS SHOULD  
DIMINISH THIS MORNING BUT REMAIN NEAR 40 GUSTING 60 THROUGH THE  
WEEKEND.

VORT CENTER AND INSTABILITY MOVING THROUGH SOUTHERN ALBERTA THIS  
MORNING WITH SOME LIGHTER SNOW LINGERING INTO THE AFTERNOON. AMOUNTS  
OF 15 CM WERE REPORTED VIA TWITTER AND COULD SEE UP TO 20 LOCALLY IN  
THE WARNING AREAS. HEAVIEST SNOW SHOULD TAPER OFF LATER THIS MORNING  
IN WARNED AREAS AS THE VORT CENTER MOVES THROUGH.

EXTREME COLD WILL CONTINUE ACROSS MUCH OF MANITOBA TODAY AND INTO  
TONIGHT MODERATING SUNDAY MORNING. NORTHERN ALBERTA AND SASKATCHEWAN  
SHOULD SEE THE WORST THIS MORNING HOWEVER THE NORTHEASTERN CORNER OF  
SASKATCHEWAN MAY BE CLOS EONCE AGAIN SUNDAY MORNING.

OUTLOOK... NEXT SYSTEM TO AFFECT BAFFIN BRINGS STRONG WINDS SUNDAY  
NIGHT. HOWEVER VERY DEPENDENT ON TRACK OF THE LOW, WHICH IS  
UNCERTAIN THIS FAR OUT.

END/DYCK/WIELKI

