

Wildfire Management Branch PM Forecast

Issued: 1500 Saturday June 24 2017

Scattered TRW RW are occurring in the LB zone as cooler air aloft continues to act as a minor trigger this aftn. Developing easterly winds along the foothills will also generate a slight risk of isolated TRW in the foothills from RM to the BO zone until this evening. The upper ridge over BC continues to build and drift towards Alberta stabilising the airmass in the western boreal zones. Light and variable winds are suppressing ISI values under moderate RHs in most areas.

Temperatures will begin a two day uptrend Sunday as the upper ridge moves into the province. Strong AM inversion conditions are expected Sunday. Generally stable conditions are forecast for Sunday's burning period. A slight risk of an isolated TRW will develop in the western OJ/MA zone late in the evening and overnight period. Good drying conditions will occur as RH values remain in the 25-35% range with some stations in the mtn parks reaching near 20%. Crossover conditions are likely at some stations in the inner ranges of the Rockies and in the PY zone in the far north were BUI values have reached 100 at Ft Smith. Brisk S-SE winds are also expected in most areas pushing ISI values into the high range.

Outlook for Monday: Intense low pressure system develops over the central boreal area. TRW RW developing into an area of rain in the OJ/FV/MA/RE zones by early evening. Cold front pushing into the Swan Hills triggering TRW RW activity. Strong SE winds expected in the eastern boreal zones of 30g60 km/h accompanied by high temps of near 28 deg. RH values in 30-35% range. East slopes areas will see max temps near 28 deg as well with lower RH values of 25-30% and gusty winds SW30g50km/h. High to extreme ISI values outside of the NW boreal zones.

Outlook for Tuesday: Widespread moderate to heavy rain in the boreal zones as an upper low pushes into central Alberta. Strong and gusty NW winds of 30g60 km/h most areas in the wake of cold front while gusty NE winds are expected in the PY/MM zones. Risk of TRW RW in the southern east slopes. Significantly lower temps and higher RH values all zones. General downtrend in fire danger conditions.

Forecast of Temp, RH, and wind for tomorrow afternoon; precipitation for next 24 hours

Fcst Zone	Max Temp	Low RH	Pcpn Covg/ Amnt	Pcpn Type	Ltg today	Ltg tom	Fire Danger Trend	Blow-Up Fire Potential	Wind Tomorrow Afternoon
OJ	27	35	-	-	L	L	UP	L	SE20
FV	27	30	-	-	L	L	UP	L	SE20
MA	27	35	-	-	L	L	UP	L	SE25G45
RE	26	35	10L	TRW RW	L	L	UP	L	SE25G45
GP	26	30	-	-	L	L	UP	L	SE20G40
SH	26	35	10L	L-M	L	L	UP	L	SE25G45
PY	25	25	-	-	L	L	UP	L-M	S20
MM	25	30	-	-	L-M	L	UP	L	S15
LB	24	35	10L	TRW RW	M	L	UP	L	S15
ED	26	25	-	-	L	L	UP	L	SE20G35
RM	26	35	10L	TRW RW	L-M	L	UP	L	SE20G35
BO	25	35	10L	TRW RW	L-M	L	UP	L	SE20
CR	26	30	-	-	L	L	UP	L	SE15
JA	27	20	-	-	L	L	UP	L	SE15
BA	26	25	-	-	L	L	UP	L	SE15
WA	27	25	-	-	L	L	UP	L	SE15

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