

Wildfire Management Branch PM Forecast

Issued: 1500 Sunday May 21 2017

Very easy burning conditions are expected in flashy fuels for Monday's burning period.

A strong upper ridge will continue to build over Alberta tonight maintaining generally clear conditions. Widespread near-crossover and crossover conditions will continue for the next few hours. Overnight RH recovery is expected to be poor to fair in the range of 50-75% as weak inversion develops for the night. Mainly light but locally moderate winds continue for the evening in most zones.

On Monday, upper ridge will peak over AB in the morning and maintain excellent drying conditions. However, the ridge will begin to shift east in afternoon allowing a weak cold front moving into the west boreal. A few isolated RW or TRW may be possible in the far northern boreal area. Ahead of the front, min RH values are expected to remain in the range of 20-25% with temperatures climbing to the mid 20's. Slightly cooler conditions are forecast in behind the front. **Widespread crossover conditions are expected to continue ahead of the front. Light to moderate S-SW winds of 15-25km/h in most zones with gusts of 35-40km/h in east boreal are forecast. Further fire danger uptrend can be anticipated in most forecast zones with some very high to extreme FFMCI/ISI values developing in central-southern boreal and northern slopes. Very easy burning conditions are expected in flashy fuels.**

Outlook for Tuesday: Upper ridge will shift further southeast allowing more moisture and instability to move into the boreal areas and northern slopes. A new low system will develop in the GP-ED-SH area producing scattered RW/TRW in the boreal and northern slopes late in the day. Mainly light SE or SW winds are forecast in the province. The southern slopes may remain mostly stable with continuing uptrend of FFMCI/ISI/BUI values as crossover conditions may persist.

Outlook for Wednesday: An upper low will move into southern AB giving extensive rain or showers to central and southern AB, resulting significant FFMCI/BUI reduction. Northern AB will see little change or slight uptrend of FFMCI/BUI values.

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	22	30	-	-	L	L-M	UP	L	W15
FV	25	25	-	-	L	L-M	UP	L	SW20
MA	22	25	-	-	L	L	UP	L	W20
RE	24	25	-	-	L	L	UP	L	SW20
GP	23	25	-	-	L	L	UP	L	W20
SH	24	25	-	-	L	L	UP	L	SW20
PY	26	20	-	-	L	L	UP	L	S25G40
MM	25	20	-	-	L	L	UP	L	S20-25G40
LB	25	20	-	-	L	L	UP	L	S20G35
ED	25	20	-	-	L	L	UP	L	SW15/SE10
RM	24	20	-	-	L	L	UP	L	SW10/SE10
BO	24	20	-	-	L	L	UP	L	SW10/SE10
CR	23	20	-	-	L	L	UP	L	SW15
JA	25	20	-	-	L	L	UP	L	SW10
BA	24	20	-	-	L	L	UP	L	SW10
WA	23	25	-	-	L	L	UP	L	SW15

Meteorologist:

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