



Fort McMurray Forest Area Situational Report

22 April 2024

Contacts

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Current Wildfire Danger:

Fort McMurray – **VERY HIGH** Fort Chip/Fort Smith – **MOD**

Fire Ban System Level: **FIRE ADVISORY**

Effective April 09th, the Fort McMurray Forest Area will be under a Fire Advisory. Under this advisory new fire permits will be issued on a case-by-case basis. All existing permits remain valid; however, renewals may not be granted. Safe wood campfires are not affected by this advisory. Advisory will remain in effect until mid-term hazard subsides.

Weather Forecast	Fire Weather conditions expected for: 22 April 2024					
Forecast Zone	Maximum Temp	Low RH	Precipitation Covg/Amt	Precipitation Type	Lightning Probability	Afternoon Wind
Fort McMurray (MM)	17	20	-	-	L	N15
Fort Chipewyan (PY)	16	25	-	-	L	N15
Lac La Biche (LLB)	17	20	-	-	L	NW15G35

For tomorrow, upper low will depart eastward into SASK and a weak upper ridge rebuilds over Alberta. Tapering off RW may be seen in the southern province early in the day. Near or slightly below seasonal temperatures are forecast across the province. Low RH values of 20-35% will be expected in most zones, with some localized 15% in the north. W-NW winds will be in range of 10-20 with some gusts of 35 km/h in the boreal and northern slopes, and 25-30G40-50 km/h in the south may be expected.

Fire Weather Index

FFMC	DMC	DC	ISI	BUI	FWI
93	21	151	14	31	22
LOW	MOD	HIGH	VERY HIGH	EXTREME	

Fire Behaviour

Location	Fuel Type Intensity Class			Rate of Spread meters / minute			Fire Type Surface, T-Torching, C-Crown			Fire Size in 60 min (in hectares) starting at 1700		
	Spruce	Pine	Grass	Spruce	Pine	Grass	Spruce	Pine	Grass	Spruce	Pine	Grass
Fort McMurray	6	3	5	15	9	40	C	S	S	42	11	151

Head Fire Intensity 

Wildfire Situation Report

	Out of Control	Being Held	Under Control	Extinguished	Total
New Fires in Last 24 hrs	1	0	0	1	2
Current Wildfires	1	0	0	9	10

Wildfire of Note: MWF012

New wildfire of note MWF012 is 4.5 km to the east of the community of Saprae Creek. The community is currently under an evacuation alert, along with the CN rail yard south of Saprae. The fire is currently 67ha. Overnight heavy equipment created a dozer guard along the western flank of the wildfire. Dozer operations will continue today along with air tanker, helicopters, and ground firefighting resources. Please see below for list of resources. Night-time operations were conducted last night with tanking operations being performed on the west flank.

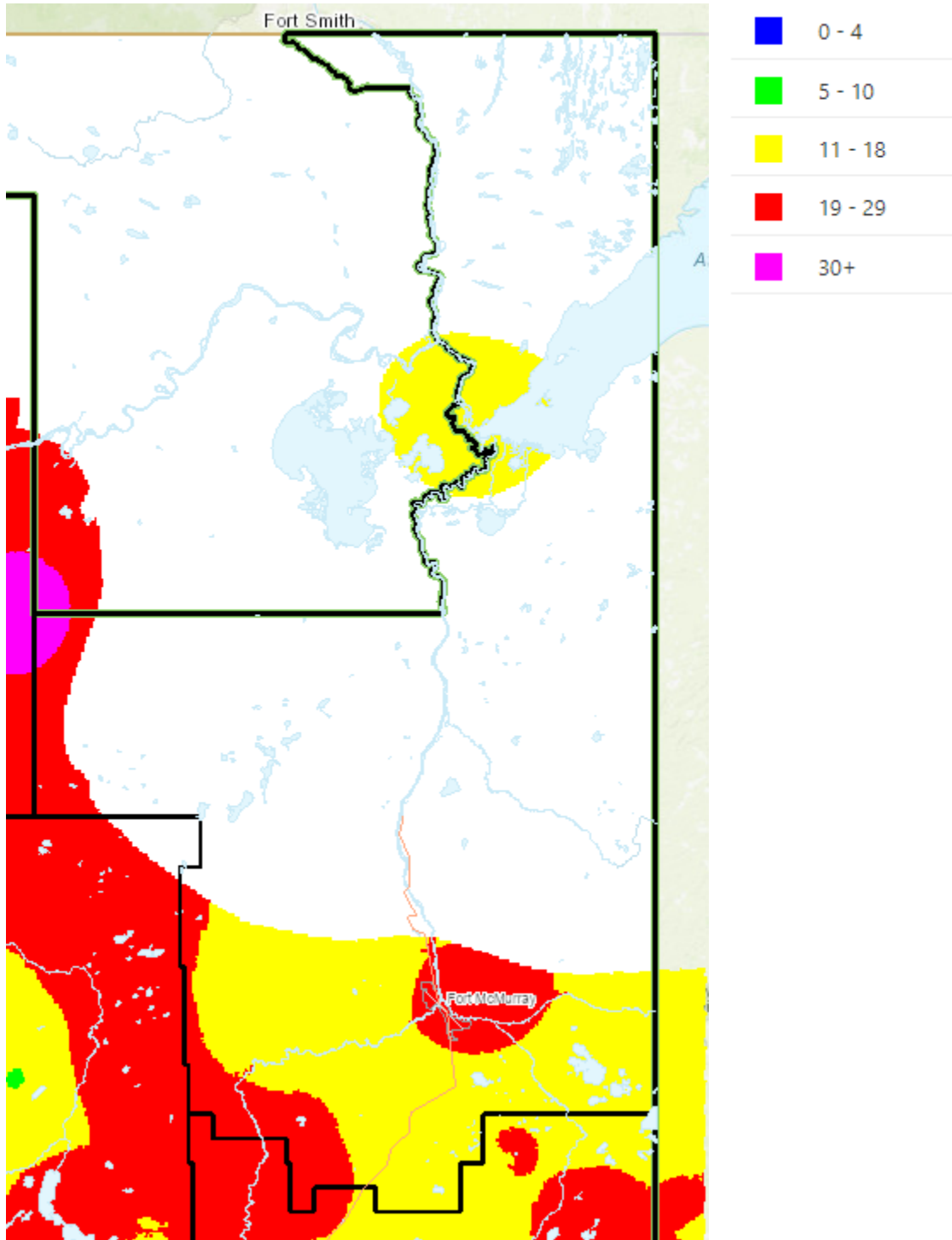
Two wildfires from 2023 (Rocky River Fire near Fort Chipewyan and Wood Buffalo Complex near Fort Fitz Gerald, AB) remain in an "Under Control" status until snow is gone from the area and infra-red scanning can be conducted to confirm over-winter extinguishment. Remaining 7 wildfires that have been extinguished in 2024 have predominantly been a result of abandoned campfires or recreational vehicles.

Resources	for 22 April 2024
Helitack Crew	2
Firetack Crew	4
Unit Crew	1
Dozer Units	2
Water Tenders	3
Rotary Wing	9
Air Tankers	2

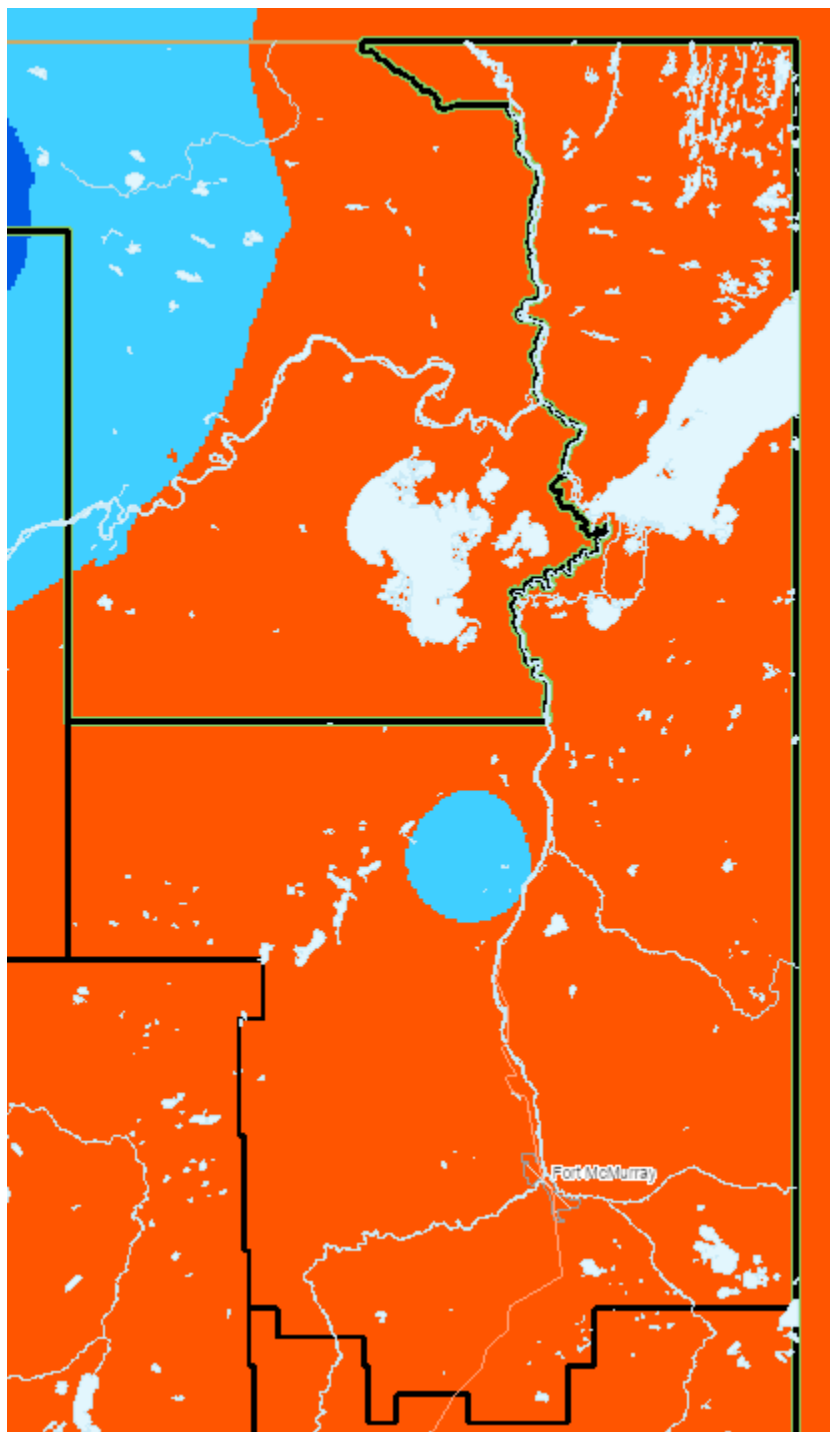
Useful Links

Alberta Wildfire homepage: <http://wildfire.alberta.ca/>
 Wildfire Status: <http://wildfire.alberta.ca/wildfire-status/default.aspx>
 Wildfire Status Map: <https://www.arcgis.com/apps/dashboards/3ffcc2d0ef3e4e0999b0cf8b636defa3>
 Wildfire Weather: <http://wildfire.alberta.ca/wildfire-status/fire-weather/default.aspx>
 Canadian Wildland Fire Information System: <http://cwfis.cfs.nrcan.gc.ca/home>
 FireWeb: <http://wildfire.alberta.ca/firesmart/firesmart-industry/alberta-wildfire-system-and-fireweb.aspx>
 Alberta Fire Bans: <https://albertafirebans.ca/>
 FireSmart Canada: <https://www.firesmartcanada.ca/>
 Fire Smoke Canada: <http://firesmoke.ca/>

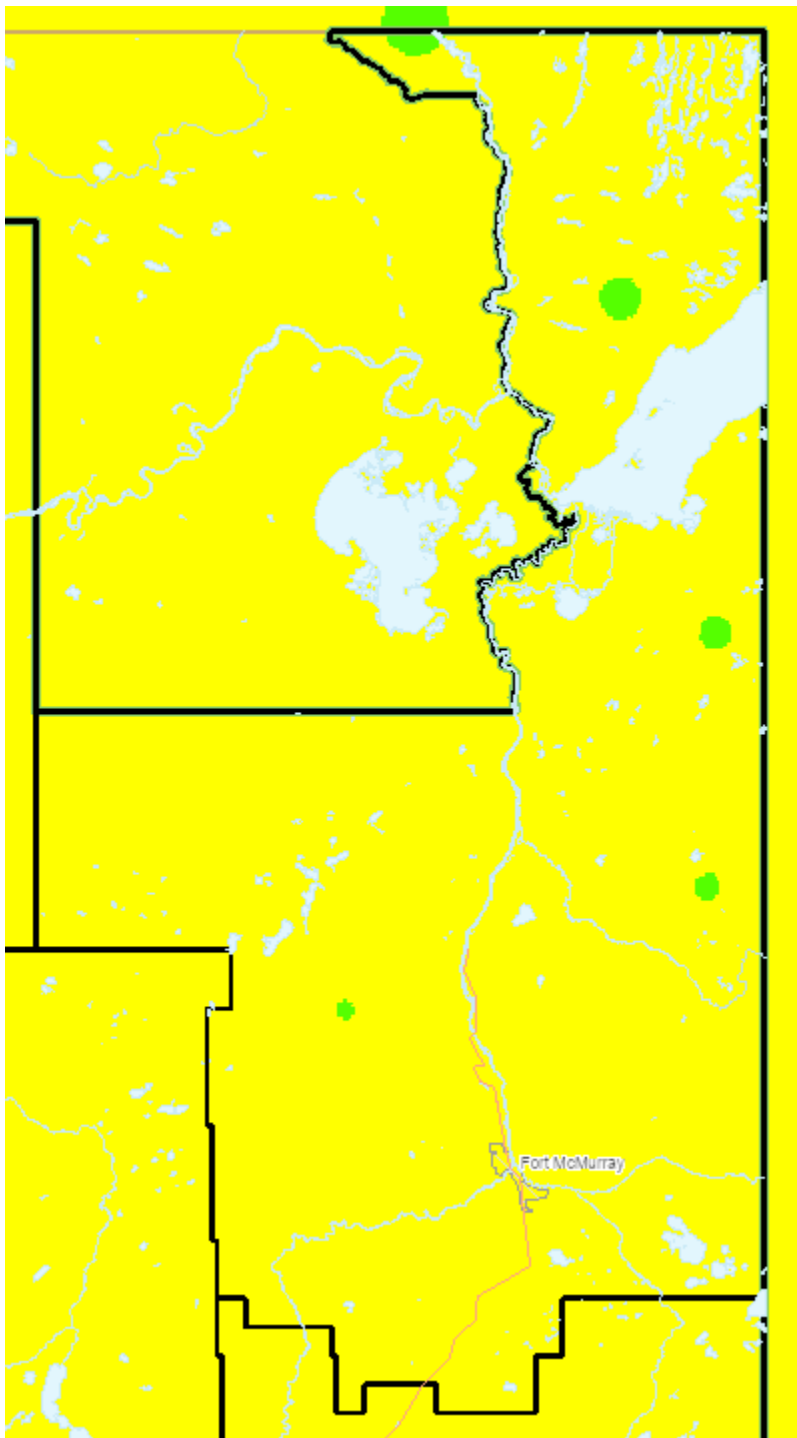
Fire Weather Index



Snow Gone Conditions - Map



Cured Grass Percentage



- < 50% (Green Grass Stage)
- 51 - 75% (Transition Grass Stage)
- 76 - 100% (Cured Grass Stage)

