

# **CRD EOC Situation Report**

Philippe 2 arrangement with the	-					
Community/Local Authority: Cariboo Regional Di	strict					
<b>Date and Time:</b> 7/20/2021 1:48 PM						
EMBC Task Number: 221488						
Prepared by: 🛛 Community/Local Authority						
Approved by:	EOC Dire	ector, John MacLean				
EOC Contact: Virgil Hoefels	Report Type:	☐ Initial				
Name <u>Planning Section</u>		Update # 20				
Agency: <u>Cariboo Regional District</u>		Final				
Phone #: (250)392-2692	Situation Forecast:					
Fax #: ( ) -	Situation Forecast:	☐ Improving☐ Unchanged				
E-mail: eocplanning@cariboord.ca		☐ Onchanged ☐ Deteriorating				
Highlights (Situational Overview-Key Points):						
Continue to advance plan for fires below						
<ul> <li>C41602 (Flat Lake), including potential evac</li> </ul>	cuation of high population a	reas				
<ul> <li>C51290 (Big Stick), potential impacts for Kle</li> </ul>						
<ul> <li>C41097 (Young Lake), coordination with TN</li> </ul>	IRD as fire approaches CRD	boundary				
<ul> <li>C41866 (Chasm), potential closure of HWY</li> </ul>	97 and possible approach to	o CRD boundary				
Security continues to be a top priority		47				
Current Priority Needs: (Resources/Information	n/Support)	,				
Resource Request Attached: Yes or No						
RR #14 - Resource Request planning section chief – submitted July 14, 2021						
<ul> <li>RR #15 – Resource Request operations section chief – submitted July 15, 2021</li> <li>RR #16 - Resource Request Personnel to man roadblocks – Submitted July 16, 2021</li> </ul>						
RK #16 - Resource Request Personnel to man road	blocks – Submitted July 16,	2021				
,						

#### People Impacted (Estimated/Confirmed):

Estimated number of parcels:	Estimated population affected:
	Total estimated CRD population on Alert: 4951.9
North: 983	Total estimated CRD population on Order: 1216
Central: 3	CRD Area under Alert: 422,406.6 hectares
Chilcotin: 541	CRD Area under Order: 89, 096 hectares
<u>South:</u> 6148	TOTAL REGIONAL POPULATION <u>AFFECTED</u> (either on alert or Order): 6167.9
	TOTAL REGIONAL POPULATION ON <u>ORDER</u> 1216
	*Information is based on the Census population numbers from 2016 and reported 9-1-1 population counts.

#### Livestock Impacted: no numbers at this time (Estimated/Confirmed)

	#	#	#
Animal Type	Dead	Evacuated	Disposed
None reported to date			

#### **Critical Transportation Issues:**

- Highway 97 Travel advisory in effect between Big Bar Rd and 94 Mile Frtg for 54.2 km (5 km south of 100 Mile House to 7 km north of Clinton). Limited visibility with smoke due to a wildfire. Road is open to traffic. Future closures possible with very limited notice.
- Highway 20 Forest fire between Rainbow Range Trailhead and Elsey Rd for 32.6 km (38 to 6 km west of Anahim Lake). Road is open to traffic. Subject to change due to wildfire activity on short notice
- Highway 20 Forest fire between Dean River Pl and Bittner Rd for 40.3 km (22 km east of Anahim Lake to 32 km west of Tatla Lake). Road is open to traffic. Subject to change due to wildfire activity on short notice

Utilities	Customers Without Service		Comments
Ì	#	%	
Water			
Sewers			

Resources		Assigned	Available	Out of Service	Reserved	Critical Need
Current	Response Information	tion:		· ·	, ·ma=	
			Not Attac	hed		
Damage	Assessment Repo		Attached			
		mote properti		·	on a dilities	<del></del>
Inticipated comm	unication problems: re	mota neonosti	<del>.</del>	ommunicati	nn ahilities	<del></del>
	⊠ Radio ⊠ Satellite		☐ Amateu ☐ Other:	ir radio		
unctioning:	⊠ Cellular		∑ Fax	12	# of calls rece	ived/hr: 14
γpes	Telephone		🔀 Email			
Communication	Methods:					
13. 7.				/400	18.18.74 - A	<del></del>
						· <del></del>
Critical Utilities	ilssues:	<b>,</b>	· ···			
Cable						<del></del>
Telephone		•				
Gas				-		<u> </u>
Hydro		1				

	Resources	Assigned	Available	Out of Service	Reserved	Critical Need
1.	Police:					
	Search and Rescue:				-	
	SAR members					
2.	Fire:					
	Structural fire-fighters					
	Structural fire apparatus					
	Wildland fire-fighters					
	Wildland fire apparatus		ļ			
	Aircraft					
	Engineering/Public Works Staff					
	Vehicles					
	Equipment					
	BCAS Paramedics					
	Ambulances					
3.	ESS Volunteers					

:	Public Information Officers		
}	Call Takers		
4.	Military		
L	Military crews		j j
5.	Other:		

#### Current ESS Reception Centre/Group Lodging Information: N/A

Name of RC/GL Activated	Address/ Location	Facility Capacity	Total # Reg.	Total # still req. help	Comments:
100 Mile ESS	Peter Skene Ogden School – 200 7 <sup>th</sup> Street				
Williams Lake ESS	Lake City Secondary School – 640 Carson Drive				
Totals:			1039		1039 people have registered with ESS in the area. 46 new people registered on July 19, 2021

#### Current Health Information: N/A

Hospitals Status	Operatio	nal Status	Y/N	# in	#	Comments
Facilities/Location	Communi- cation	Power	Water	Hosp.	Beds Avail.	
	Choose an item.	Choose an item,	Choose an item.			
	Choose an item.	Choose an item.	Choose an item.			

Community Health	h Status		
Public Health			
Mental Health			
Continuing Care		•	

#### Request for National Emergency Services Stock Pile (CCU and/or 200 bed hospital):

Yes or No	X
-----------	---

Details:

Weather Conditions: Williams Lake

Temp:	Precip:	Wind:	Air Quality	Humidity	Forecast
21C° High 23 Low 9	Nil	NW 4km/h	Special Air Quality Statement – Smoky Skies	31%	Sunny. Becoming a mix of sun and cloud this afternoon. Local smoke.  Partly cloudy. 30 percent chance of showers this evening. Local smoke.

#### Weather Conditions: 100 Mile House

Temp:	Precip:	Wind:	Air Quality	Humidity	Forecast
23C° High 25	Nil	E 18 gust 28km/h	Special Air Quality Statement – Smoky Skies	23%	Sunny then a mix of sun and cloud with 30 percent chance of showers late this afternoon. Local smoke. Wind becoming south 20 km/h this afternoon.  Partly cloudy with 30 percent chance of showers this evening. Clearing late this evening. Local smoke. Wind south 20 km/h becoming light this evening.

#### Weather Conditions: Chilcotin

Temp:	Precip:	Wind:	Air Quality	Humidity	Forecast
22C <sup>c</sup> High 23 Low 7	Nil	S 3 km/h	Special Air Quality Statement – Smoky Skies	28%	A mix of sun and cloud. 30 percent chance of showers late this afternoon. Wind becoming southwest 20 km/h gusting to 40 this afternoon.  Partly cloudy. 60 percent chance of showers over northern sections. Wind southwest 20 km/h gusting to 40 becoming light this evening

Future Outlook/Planned Actions:

- Planning for expansion of alerts and orders based on information from BC Wildfire IC recommendations
- Advanced planning for lodging and ESS should more orders be issued.
- Monitoring fires C41602 (Flat Lake), C41097 (Young Lake), C51355 (Hotnarko), C51291 (Big Stick), C11491
   (Purdy Lake), C41100 (S of Canim Lake), C31056 (Mckinley Creek), C41191 (Succour Lake)
- Planning for possible evacuation routes/methods if alerts change to orders.
- Monitoring reports of fire activity.
- Monitoring and providing resourcing as required.

Other Comments
----------------

#### **NEA COORDINATION CALL**

July 20, 2021

Province has declared a state of emergency that goes into effect at midnight tonight.

**Environment and Climate Change Canada** 

#### Weather:

- Fair bit of lightening, thunderstorm watches.
- o Past 24 hours: 10mm in precip, 2 mm closer to PG
- Today's forecast: Low remains off coast, scattered showers for cariboo and chilcoten,
   Peace = 15-25mm
- Winds: PG to switch to north westerlies
- Thunderstorm outlook: risk of sever thunderstorm, downpours 15-25mm, hail and gusts of 20km/h
- Wednesday: upper low crossing northern BC, showers, risk of thunderstorms.
- Winds: PG/Williams/100 mile house/Chilcoten/Peace 20km/h
- Thunderstorms: widespread risk of thunderstorms, severe in Peace or Cariboo
- Outlook: weather seems to be stabilizing by Thursday. Strong gusts of winds in the Peace and cooling temps.

#### BC Wildfire Service-

#### - CARIBOO FIRE CENTRE

- 46 active fires, lighting is a big concern and issue. Objective is to find the small fires, and fight them small.
- 1100: there is a guard around the fire, not a lot of active fire behavior, smouldering fire at the moment. They are logging and getting wood out of the north end.
- o 1602: burn big growth, ~23,000 ha, did a successful burn last night on the SE corner. On the east side, it was starting to flank and come around our burn area. We've got a line that follows Cunningham creek and goes straight up under the powerline. Trying to do some ignitions today to hold the line. It's down to the powerline in two different places. Trying to use the power line to control it. 2.1km from the Highway
- o 1866: Fire is in the box, no growth, out of control
- 1097: acted up over night, slowly progressing to the NE, visibility not acceptable, weren't able to get the tankers in there.
- 1491: no real change, weather in favour, guard being constructed in both ends, Still have a long way to go.
- 1552/1824: under control status, working fires edge with pump and hose, hoping to be able to make resources available.
- Big Stick: 42 FF, 5 helicopters, saw an increase in Fire Behaviour, trying to utilize roads, logging blocks, natural features, running night opps ongoing, HWY 20 remains open, it will continue to grow, doing what we can with equipment, it is a lot of line/kms to maintain, continuing challenge, Trying to capture the head as best as we can, make progress in the evening, but struggle during the day

Hotnarko: fire of concern because of proximity to the HWY. Was held for several days, a small piece escaped, and the HWY needed to be closed down for part of the day.
 Continue to hold excursion, mopping up the escape and continuing to secure the edges.
 HWY is open. HWY crew on standby. Anticipating some winds to come through the Chilcoten – this will be a test.

#### PG FIRE CENTRE

- 3-4 days receiving reasonable amounts of percip causing stabilization helping with suppression efforts.
- o 1020, 997: no recent updates, cool and damp, actively monitoring.
- 1138, 1134: no sig growth, high humidity. Being held. Lines not being challenged.
- Lots of lightning, and it came mostly with precip, came with new fires but we could get a hold on them.
- 1192: assessing to rescind evac order to alert. Reducing impact to residences.
- Southern PG: shasta lake fire: under control.
- o 1925: crews are onsite lots of heavy fuel on the ground
- 1126: no issues or concerns.
- Cluster of fires in the walker area: not seeing any smoke but we don't expect them to be out.

#### **AGENCY UPDATES**

#### RCMP

Boots on the ground out of the lower mainland. 24 more people in the 100 mile area. The SOE will allow us to free up more bodies quickly. 4 on/4 off schedule.

#### - MOTI

- Not reporting on construction delays, HWY 1 is closed at Hope for northbound traffic.
- HWY 1 is closed in both directions, accessible for local traffic only. ~35km
- o 100 Mile area: HWY 97/24 is open. But there is a travel advisory in effect.
- Williams lake area: HWY 20 is open, but is being piloted through Big Stick fire.
- Quesnel: HWY 27 open to alternating traffic.
- Closure on Blackwater Rd.

#### - Min of Ag

Not much to update, not many farmers/ranchers reaching out but they can call for support directly to us.

#### **COMMUNITY and FN UPDATES**

Continue to work with BC Wildfire services, attending meetings to get information, requests for
personnel have been streamlined, helicopter refill station in place, planning to evacuate elders
and vulnerable, about 65 people, some concerns about speeding through reserve, HWY is
following up, Secwepemc Nation has declared a State of emergency, BC Wildfires has a check
point at the south end of the reserve.

#### **LOCAL AUTHORITIES**

- Nothing to report

From: EMBC NEA PREOC Planning 1 EMBC:EX

**Sent:** July 20, 2021 17:54

**To:** EMBC NEA PREOC Director 1 EMBC:EX

Cc: EMBC NEA PREOC Advanced Planning Unit 1 EMBC:EX

Subject: Bullet Update

#### Good Evening:

#### Note:

- Wildfire activity has picked up on most wildfires south of Williams Lake and the western Chilcotin due to continued hot, dry weather

- Smoke from the larger wildfires in the dry areas will continue to impact a number of communities over the coming days
- APU and CI in NEA PREOC working with NWE PREOC to provide fire intelligence and identify potential access and egress issues
- APU advising both PREOC's of potential large fire growth expected over the coming days as per BCWS predictive services

Note currently no wildfires of concern within NW Fire centre

#### Cariboo Fire Centre

- West of Flat lakes C41602
  - This wildfire has very high potential to impact a large number of people, private homes and significant critical infrastructure
  - Evacuation Order issued on July 14, 2021 for 710 homes and 919 people in the Flat Lake to Green Lake area. This order includes the area that was previously under alert
  - The Evacuation Alert in the Horse Lake Sheridan Lake area was expanded July 17, it now includes 2383 homes and 2390 people
  - An Evacuation Alert was issued for the Flat Lake North Area on July 16<sup>th</sup> for 2 homes and 4 people
  - An Evacuation Alert was issued on July 14, 2021 for the District of 100 Mile (2016 census: 1,980 people, 890 homes)
  - o Highway 97 reopened on July 15, 2021, but may be closed with little notice
  - Wildfire continues to threaten various communities and ranches as well as Hydro, MOTI critical infrastructure and a CNR Mainline
  - Wildfire continues to grow daily in most directions
- McKinley Lake C31056
  - o Future wildfire growth limited by recent rain and good suppression effort
  - 2 Properties on Alert at Crooked lake
    - 2 people, 2 house points, as well as a number of guests at a lodge

#### Canim Lake Fire C41100

- 115 homes (319 people) on Alert on the Canim Lake Band (IR#1). The Alert area was expanded to also include additional IR#s 2,3,4,5, & 6
  - 65 elders/vulnerable people have evacuated to the lower mainland
- 810 homes (998 people) are on Alert in the Cariboo Regional District, this was expanded
   July 5<sup>th</sup> to include the Ruth Lake Area
- A new evacuation order was issued July 14<sup>th</sup>, 2021 for 301 homes and 337 people on the S side of Canim Lake. This order replaces the alert that was previously on the south side of Canim Lake
- Limited growth though still active within perimeter

#### North of Deka Lk C41515

- Evacuation alert put in place July 10, 2021 for 4 properties (3 people) near Little Drewrey Lake
- Wildfire growth has been and continues to be minimal

#### Succour Lake C41191 (plus 3 others in area)

- Evacuation alert put in place by CRD July 10, 2021 for 153 properties (80 people)
  - Good Suppression by BCWS has allowed the Canim-Hendrix road to remain open

#### Anahim Peak C51606

Increased fire behaviour will increase the smoke impact into Anahim Lake

#### Hotnarko Ck C51355

- West of Anahim Lake.
- o Evacuation Alert put in place by CRD on July 12, 2021 for 313 homes
  - 16 People from Ulkatcho were evacuated July 14, 2021
- The increasing fire size will also increase the smoke impact into Anahim Lake
- Limited growth and Highway 20 is open daily both lanes

#### Big Stick Lake C51290

- Evacuation order in place for 12 homes.
  - Evacuation Order added for 5 people July 13
  - Evacuation Alert added for 20 people July 13
    - This section of Highway 20 has reopened, could close again with short notice
    - Fire continues to grow

#### Purdy Lake C11491

- 10 km west of the community of Titetown.
  - Alert issued July 5th for HanHam / Titetown Lakes area and expanded on July
     11th
  - Total of 78 homes (+48)
  - No growth overnight or today, due to precipitation
  - Recent growth reduced due to rainfall on this wildfire

#### **Prince George Fire Centre**

#### Cutoff Creek G41269

- Anticipation of changes to orders and alerts in the area
- The Regional District of Bulkley Nechako has issued an alert which was expanded July 9, 2021
- The Regional District of Bulkley Nechako and Saik'uz First Nation have replaced the order area with an alert effective July 20, 2021
- Smoke impacting area to the north as far as Prince George
- Wildfire has received over 35 mm of rain which has slowed growth and reduced smoke impacts

#### Mt. Porter G61192

- Regional District of Bulkley Nechako and Takla Nation have issued an order
- Wildfire has received some rainfall which has slowed growth

#### Klawli Lk G61132

- No homes or structures at risk at this time
- Wildfire has received some rainfall which has slowed growth

#### Grizzly Lake G41711

- Anticipation of changes to orders and alerts in the area
- CRD has issued an alert for 1 house and 1 person July 15
- Regional District of Fraser Fort George put an alert on July 15<sup>th</sup> for 45 homes and 54 people
- Regional District of Bulkley Nechako has replaced the order area with an alert on July20,
   2021
- Nazko First Nation has issued an alert for IR #2 and #5
- Smoke impacting area to the north as far as Prince George, this has been limited by recent rainfall

#### Blackpine G61316 and G61318

Due to recent rainfall impacts in this are reduced

#### Forres Mountain G61381

- Could affect Guide Outfitter Lodge and a couple other structures on Pelly Lake in the near future
  - Recent rainfall has removed this threat

#### Tent Fire Ck G71138

- Could impact coal mines and other critical infrastructure
  - No orders or alerts; Murray FSR closed at 44 km to allow fire operations to be conducted safely
    - Alert and order trigger points have been established jointly by BCWS and local government
    - Growth has been limited by recent rainfall which has reduced smoke impacts

# Additional Wildfires being monitoring for fire movement, smoke impact, and potential evacuees into NEA region:

Young Lake C41097 Tremont Creek K21849 McKay Ck K71030 Sparks Lk K21001

Emily Pallard
Planning Section Chief I Northeast PREOC
Emergency Management BC
3235 Westwood Drive
Prince George, BC CANADA V2N 1S4

Ph: 250-645-9721 Fax: 250-612-4171

24 Hour Emergency Reporting: 1-800-663-3456

Follow us on Twitter <u>@EmergencyInfoBC</u> and <u>@PreparedBC</u>

From: EMBC NEA PREOC Advanced Planning Unit 2 EMBC:EX

**Sent:** July 20, 2021 13:50

**To:** EMBC NEA PREOC ALL; EMBC NWE PREOC ALL

**Subject:** Fire Weather Indices for July 20

Attachments: Buildup Index.jpg; Duff Moisture Code.jpg; Precipitation.jpg; Danger Rating.jpg

#### Good Afternoon,

I have attached the Danger Rating, Duff Moisture Code, Buildup Index and Precipitation Maps for today.

Below are the definitions for the Build Up Index (BUI), Duff Moisture Code (DMC) and Danger Class (DC) Rating.

- Duff Moisture Code (DMC) A numerical rating of the average moisture content of loosely compacted organic layers of moderate depth. This code indicates the fuel consumption in moderate duff layers and medium-sized woody material.
- 2) Buildup Index (BUI) A numerical rating of the total amount of fuel available for combustion that combines the Duff Moisture Code and Drought Code.
- 3) Fire Danger Class A segment of a fire danger index scale identified by a descriptive term (e.g. Low, Moderate, High, Extreme), and/or a colour code. The classification system may be based on one or more fire danger indexes (e.g. the Buildup Index is sometimes used in addition to the Fire Weather Index

Any questions or comments are always welcome.

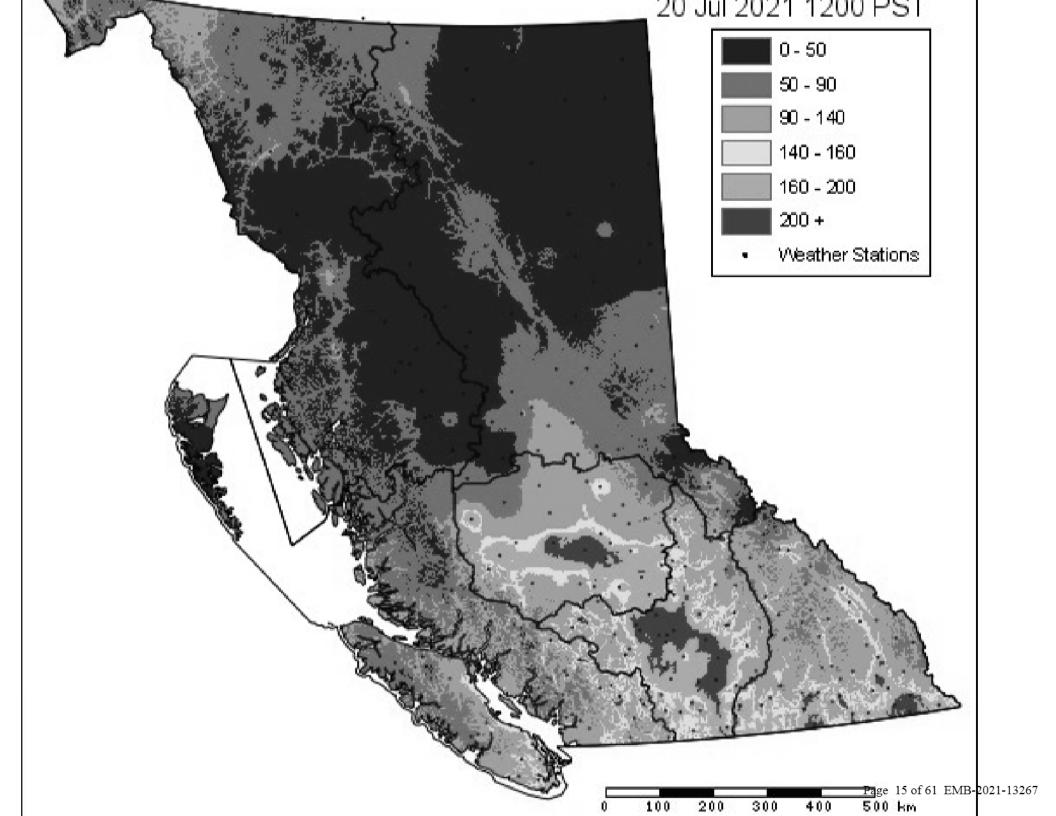
Sally Bardossy, RFT
APU I Northeast Region
Emergency Management BC
3235 Westwood Drive
Prince George, BC CANADA V2N 1S4

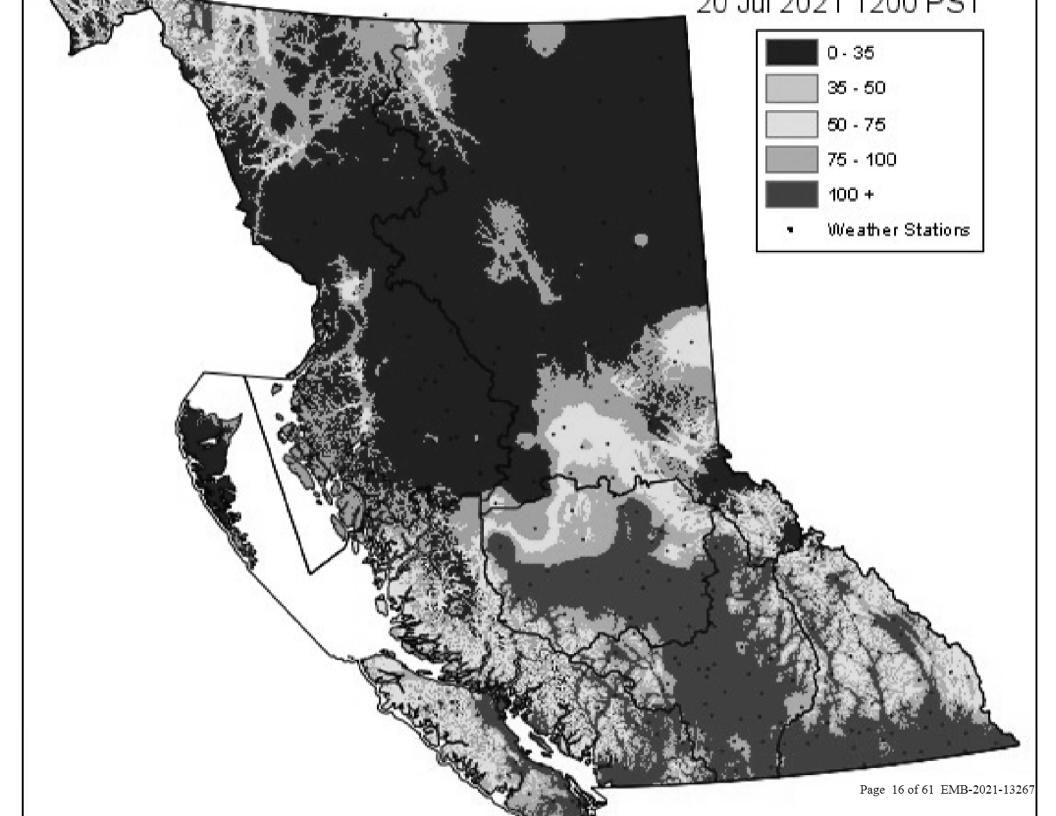
Sent from the traditional territory of the Lheidli T'enneh.

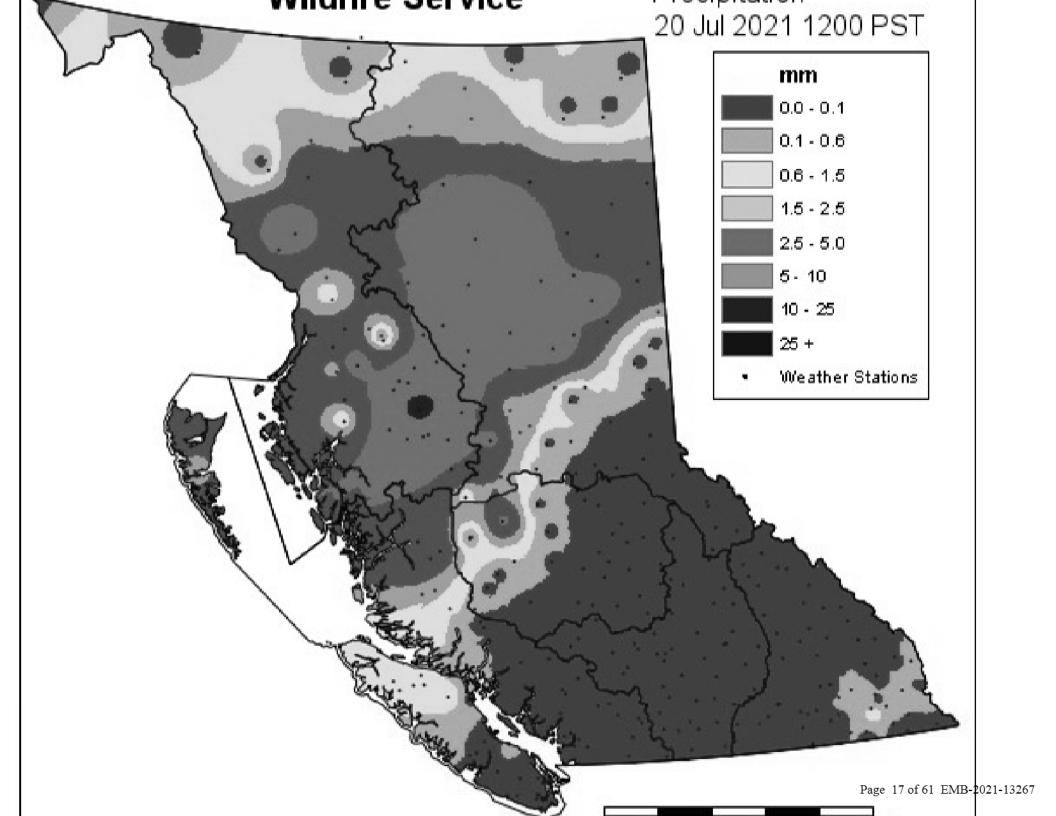
Email: s.15; s.17 Cell s.17

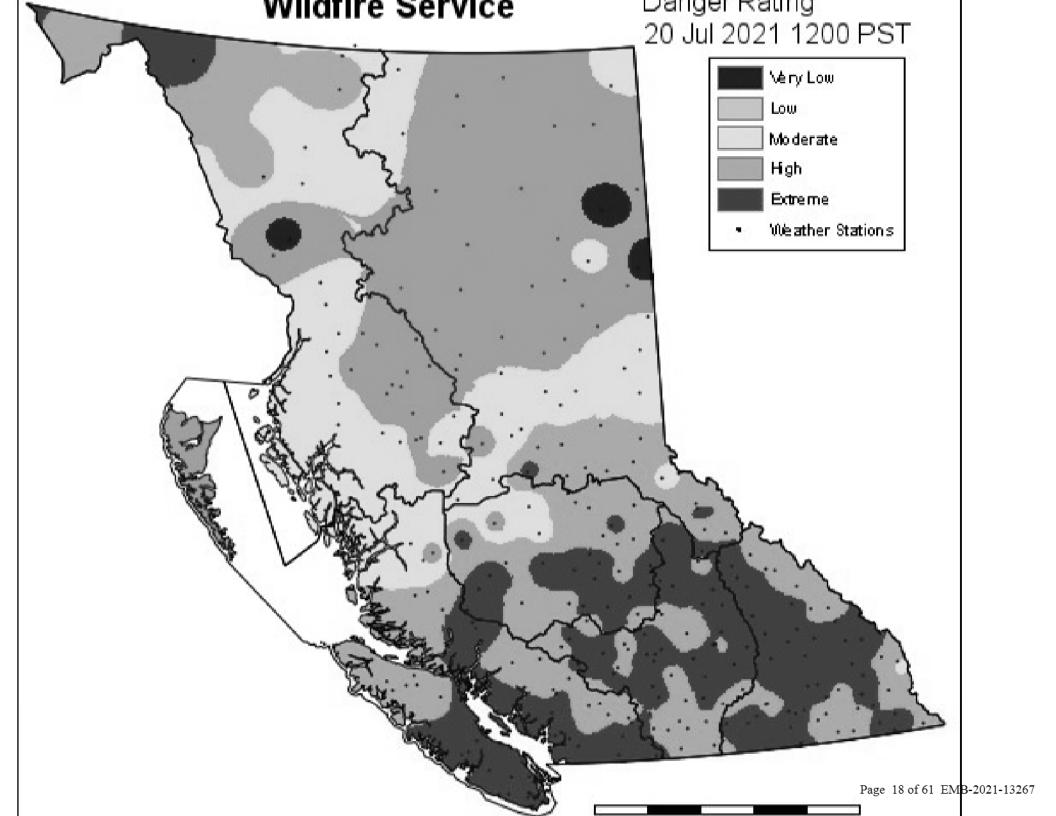
Fax: 250-612-4171

24 Hour Emergency Reporting: 1-800-663-3456









From: EMBC CTL PREOC Liaison 1 EMBC:EX

**Sent:** July 20, 2021 12:17

**Subject:** ECCC slides EMBC CTL Wildfire Call July 20, 2021 **Attachments:** ECCC\_Weather\_Briefing\_Central\_2021-07-20.pdf

Good afternoon,

Please see the attached PowerPoint Slides from Environment and Climate Change Canada from today's EMBC CTL Wildfire Call.

Thank you,

**Rachelle Dorer** 

Liaison Officer | Central Region PREOC (PREOC #3)

**Emergency Management BC** 

PH: (778) 362-4459 Fax: (250) 371-5246

Follow us on Twitter <u>@EmergencyInfoBC</u> and <u>@PreparedBC</u>

Acknowledging that we are conducting our operations on the unceded traditional territory of the Tkemlúps te Secwépemc people

# ECCC Weather Briefing 20 July 2021

Lisa Erven

Decision Support Meteorologist

Page 21 of 61 to/à Page 27 of 61

Withheld pursuant to/removed as

Copyright

From: EMBC NEA PREOC Planning 2 EMBC:EX

**Sent:** July 20, 2021 10:21

**To:** EMBC NEA PREOC Planning 4, EMBC EMBC:EX

**Subject:** FW: Weather Summaries for July 20

Attachments: Cariboo Lightning Precip.jpg; Cariboo Summary.jpg; NW Lightning Precip.jpg; NW Summary.jpg; PG

Lightning Precip.jpg; PG Summary.jpg

From: EMBC NEA PREOC Advanced Planning Unit 2 EMBC:EX s.15; s.17

Sent: Tuesday, July 20, 2021 9:59 AM To: EMBC NEA PREOC ALL & 15; s.17

EMBC NWE PREOC ALL

s.15; s.17

Subject: Weather Summaries for July 20

Good Morning,

Here are the Weather summaries for Northwest, Prince George and Cariboo Fire Centre.

Have a great day!

Sally Bardossy, RFT

APU I Northeast Region

Emergency Management BC

3235 Westwood Drive

Prince George, BC CANADA V2N 1S4

Sent from the traditional territory of the Lheidli T'enneh.

Email: s.15; s.17

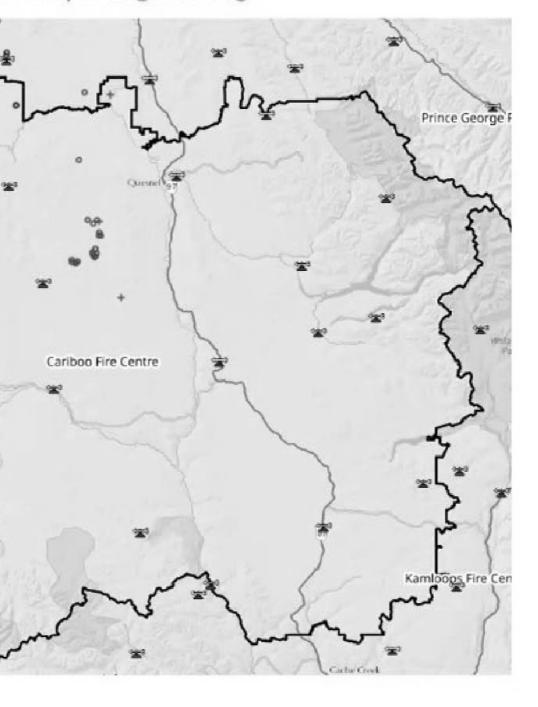
Cells.17

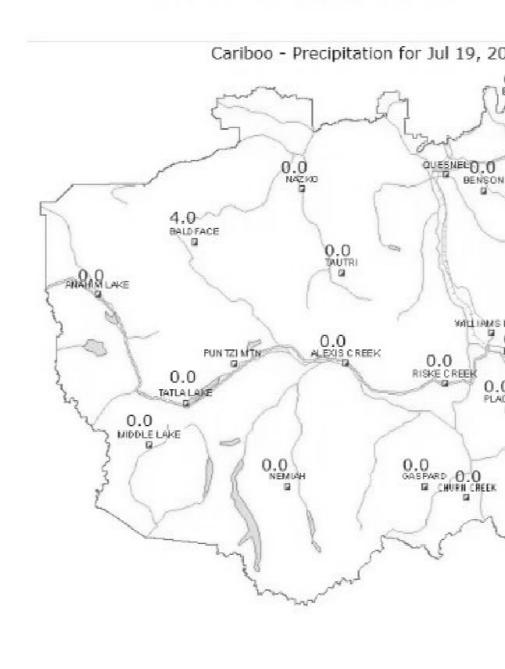
Fax: 250-612-4171

24 Hour Emergency Reporting: 1-800-663-3456

## erdays Lightning

## 24 hr Precipitation

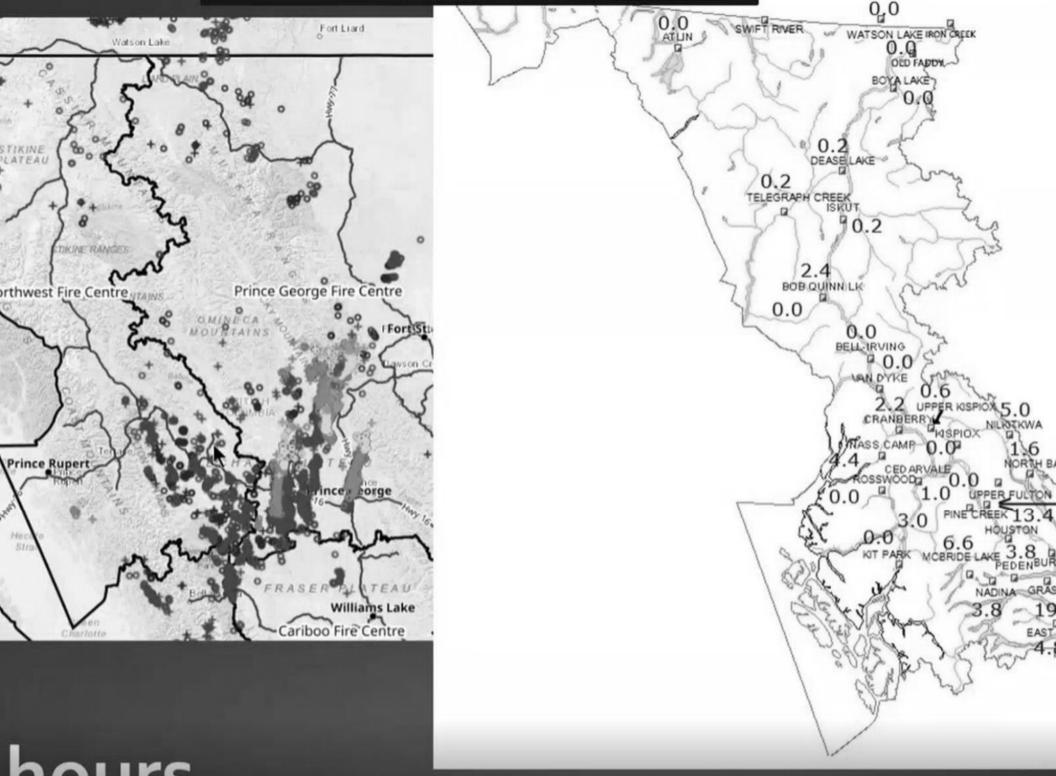




# Summary and Significant Weather

low moves toward the cst - 500 mb heights falling - bringing increased threat of T

- shwrs in the evening Central/Quesnel zones
  H recoveries continue over the 100 Mile/Central Cariboo
- onvective outbreak as the Upper Low/Trof moves inland uch cooler - SE-SW winds mrng becoming to Moderate westerly winds over the er
- per trough moves east Upr rdg builds in from the west aring trend still cool lighter winds
- y Flat upr rdg Dry WSW flow aloft warming trend slightly lower RH's
- Day Outlook from Sunday July 25 to Thursday July 29
- owing the FC btwn 4 corners high over the desert SW and a persistent broad upper lightly unstable WSW-SW flow aloft over the fire centre
- seasonally warm (Mid 20's) Dry for the Chilcotin Chance of isolated convective f any widespread rainfall - Also no sign that the 4 corners high is going to push n



# nary

v off Haida Gwaii maintaining unsettled conditions for FC with showers and sca lowers; thundershowers could linger into overnight latively cool and moist. surface wind gradient

# ay

oves onshore d conditions persist with thunderstorm chance persisting inland zones thance least in northwest vinds picking up with inflow all zones.

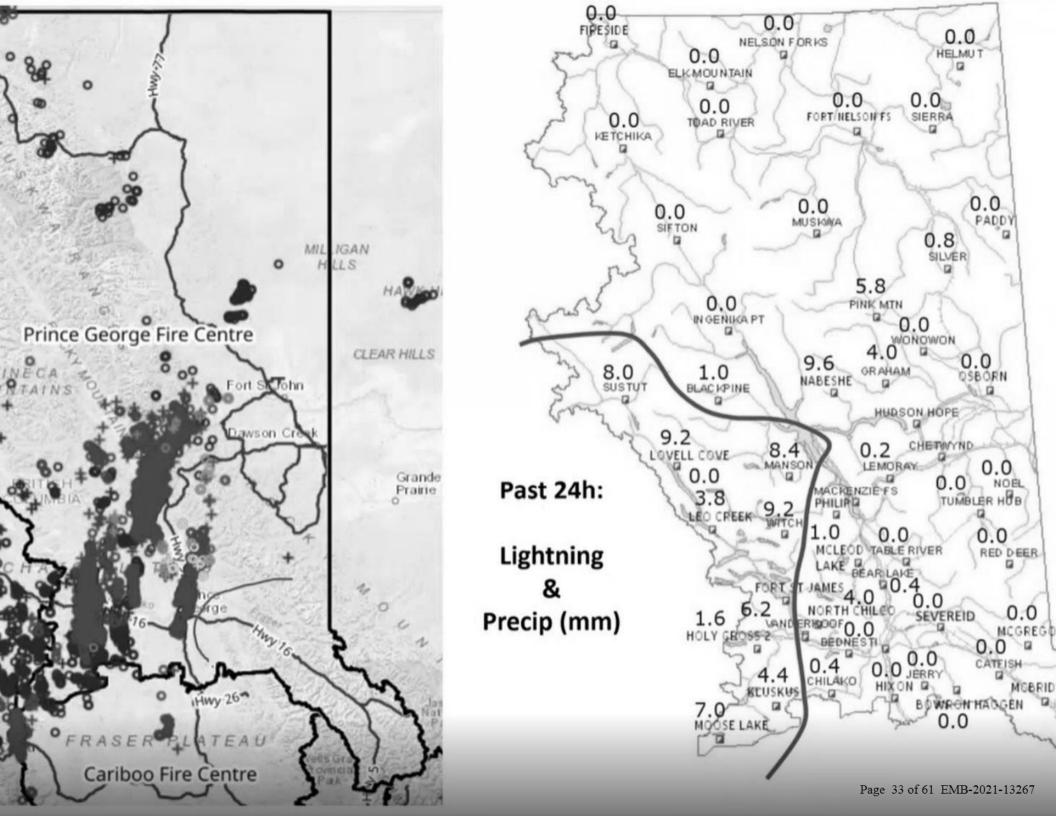
ove upper low onshore and continue unsettled conditions with showers or thun a.

persist on Thursday.

e solutions now look consistent in maintaining a trough across the north and a ne south. Precip mainly in upslope flow areas.

s likely remaining near to below seasonal

Page 32 of 61 EMB-2021-13267



Date	Forecast
Today	<ul> <li>Showers/rain for G6/G7/G8/G9</li> <li>Mix of sun/cloud everywhere else</li> <li>Generally light winds</li> <li>Another active thunderstorm day!</li> </ul>
Tonight	<ul> <li>Showers &amp; thunderstorms likely to continue through Wednesday AM</li> <li>Lows 7-12C</li> <li>Good recoveries once again</li> </ul>
Wednesday	<ul> <li>More thunderstorms!</li> <li>Winds start to increase across PGFC</li> <li>Near-to-below seasonal temps with elevated RHs</li> </ul>
Thursday	<ul> <li>This is a wind event:</li> <li>Sustained 30-50 km/h for Peace, gusts 70+ km/h</li> <li>Sustained 15-30 km/h G50+ km/h elsewhere</li> <li>Cooler &amp; drier everywhere</li> </ul>
Friday/Saturday	<ul> <li>Clearing and drying out</li> <li>Still blustery on Friday</li> <li>More zonal (westerly) flow</li> </ul>
Beyond	570 line stays south  Page 34 of 61 EMB-2021-1  Page 34 of 61 EMB-2021-1

Page 34 of 61 EMB-2021-13267

From: EMBC NEA PREOC Advanced Planning Unit 1 EMBC:EX

**Sent:** July 20, 2021 10:02

To: EMBC NWE PREOC Director 1 EMBC:EX; EMBC NWE PREOC Planning 1 EMBC:EX; EMBC NWE PREOC

Operations 1 EMBC:EX

Cc: EMBC NEA PREOC Planning 1 EMBC:EX; EMBC NEA PREOC Advanced Planning Unit 2 EMBC:EX; Stan

Harvey; EMBC NEA PREOC Director 1 EMBC:EX; EMBC NEA PREOC Operations 1 EMBC:EX

**Subject:** APU Update for NWE Wildfires

Attachments: PG Fire Centre PRECIP 2021-07-20.jpg; NW Fire Centre Precip 2021-07-20.jpg; Pg Weather summary

2021-07-20.jpg

#### Good Morning:

Looks the Northwest and the Northern portions of the PG Fire centre have won the lottery for much needed rainfall. Some areas around Atlin and surrounding areas do remain dry. All the large wildfires have received some rainfall and some have taken a good shot of rain in the proverbial arm.

This allows the BCWS resources to get closer to these wildfires for a more direct attack method in preparation for some burn out operations once conditions dry out again. It is by no means going to put out any Wildfires, just allows as I say for a direct attack of these Wildfires.

In the short term, as both Fire Centres hinted at yesterday, it may allow for some adjustments to orders and alerts.

In the near term the only Wildfire with a chance of Growth for a few days is the Cutoff creek Wildfire due in part to its sheer size and heavy fuel type.

https://firms.modaps.eosdis.nasa.gov/usfs/map/#t:adv;d:2021-07-11..2021-07-20,2021-07-20;l:noaa20-viirs,viirs,modis\_a,modis\_t,active-usa-hist,active-ca-hist,country-outline;@-124.0,51.8,9z

Please advise if you need anything further from APU.

Have a wonderful day.

Chris Betuzzi, RFT
APU I Northeast Region
Emergency Management BC
3235 Westwood Drive
Prince George, BC CANADA V2N 1S4

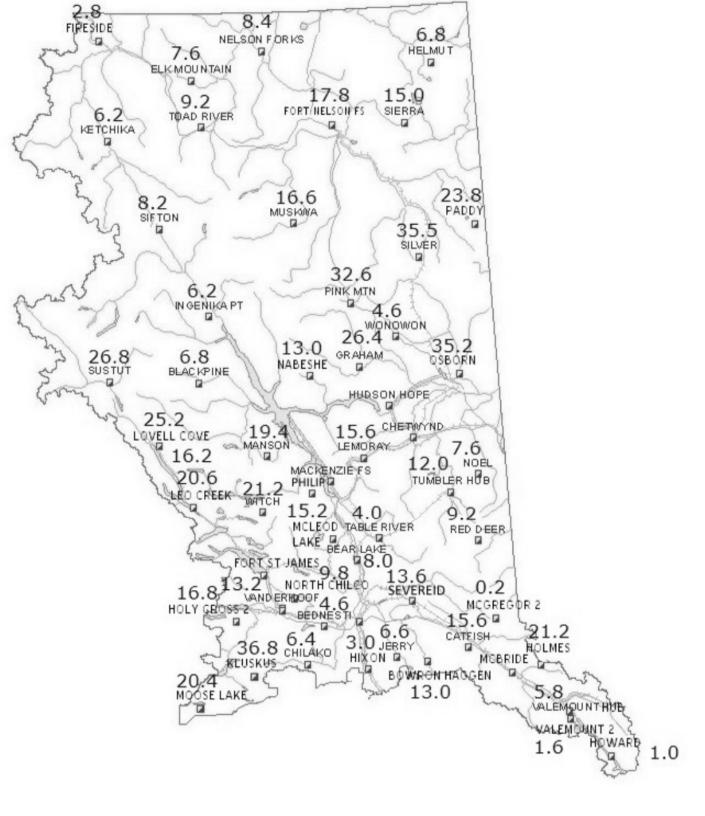
Sent from the traditional territory of the Lheidli T'enneh.

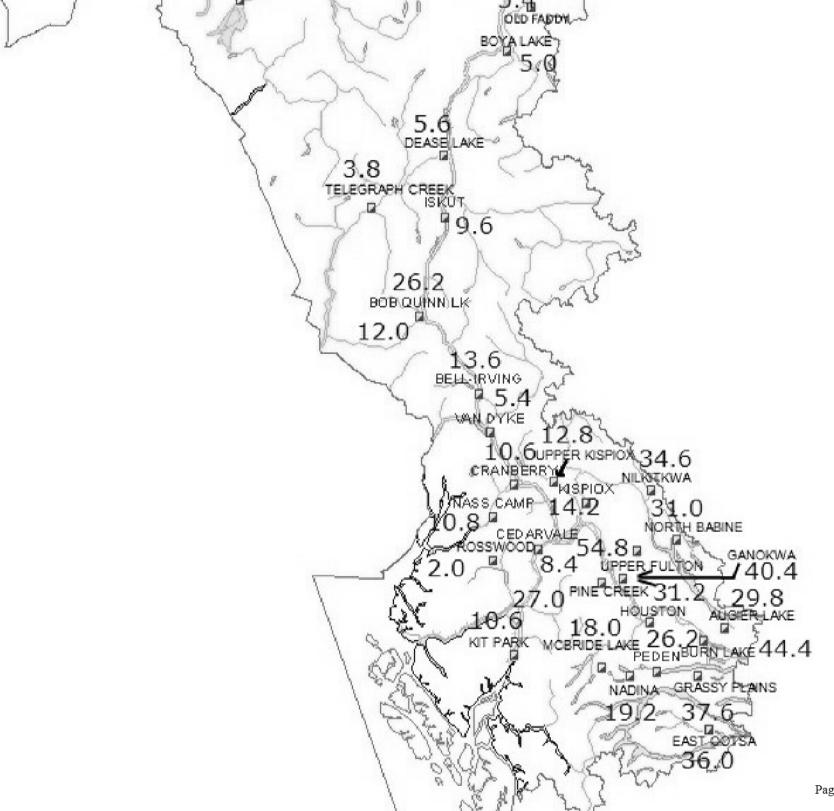
Email: s.15; s.17

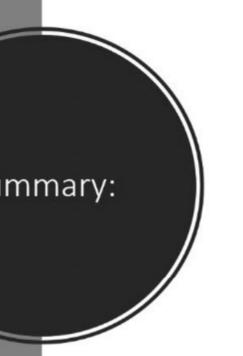
Cell s.17

Fax: 250-612-4171

24 Hour Emergency Reporting: 1-800-663-3456







Date	Forecast
Today	<ul> <li>Showers/rain for G6/G7/G8/G9</li> <li>Mix of sun/cloud everywhere else</li> <li>Generally light winds</li> <li>Another active thunderstorm day!</li> </ul>
Tonight	<ul> <li>Showers &amp; thunderstorms likely to continue through Wednesday AM</li> <li>Lows 7-12C</li> <li>Good recoveries once again</li> </ul>
Wednesday	<ul> <li>More thunderstorms!</li> <li>Winds start to increase across PGFC</li> <li>Near-to-below seasonal temps with elevated RHs</li> </ul>
Thursday	<ul> <li>This is a wind event:</li> <li>Sustained 30-50 km/h for Peace, gusts 70+ km/h</li> <li>Sustained 15-30 km/h G50+ km/h elsewhere</li> <li>Cooler &amp; drier everywhere</li> </ul>
Friday/Saturday	<ul> <li>Clearing and drying out</li> <li>Still blustery on Friday</li> <li>More zonal (westerly) flow</li> </ul>
Beyond	570 line stays south

#### **EMBC Freedom Of Information EMBC:EX**

From: EMBC NEA PREOC Planning 1 EMBC:EX

**Sent:** July 20, 2021 9:02

**To:** EMBC NEA PREOC Planning 2 EMBC:EX

**Subject:** FW: Weather Images for this mornings Ops Briefing

For the Ops briefing at 1015

Planning Section Chief I Northeast PREOC Emergency Management BC 3235 Westwood Drive Prince George, BC CANADA V2N 1S4

Ph: 250-645-9721 Fax: 250-612-4171

24 Hour Emergency Reporting: 1-800-663-3456

Follow us on Twitter <u>@EmergencyInfoBC</u> and <u>@PreparedBC</u>

From: EMBC NEA PREOC Advanced Planning Unit 2 EMBC:EX s.15; s.17

Sent: July 20, 2021 8:57 AM

**To:** EMBC NEA PREOC Planning 1 EMBC:EX s.15; s.17 **Subject:** Weather Images for this mornings Ops Briefing

Image 1



Image 2

Copyright

Chris will do the large fire update in the room



Sally Bardossy, RFT **APU** I Northeast Region **Emergency Management BC** 3235 Westwood Drive Prince George, BC CANADA V2N 1S4

Sent from the traditional territory of the Lheidli T'enneh.

Email: s.15; s.17

Cells.17

Fax: 250-612-4171

24 Hour Emergency Reporting: 1-800-663-3456

From: EMBC NEA PREOC Advanced Planning Unit 1 EMBC:EX

**Sent:** July 19, 2021 17:09

**To:** EMBC NEA PREOC Planning 1 EMBC:EX

**Subject:** FW: Bullet Update

#### Good Evening:

#### Note:

- Limited fire activity on all fires north of Williams Lake due to recent rainfall

- Smoke volumes will be lower for the next few days in most communities due to this change in weather
- APU and CI in NEA PREOC working with NWE PREOC to provide fire intelligence and potential access and egress issues
- APU advising both PREOC's of potential large fire growth expected over the coming days as per BCWS predictive services

#### Cariboo Fire Centre

- West of Flat lakes C41602
  - This wildfire has very high potential to impact a large number of people, private homes and significant critical infrastructure.
  - Evacuation Order issued on July 14, 2021 for 710 homes and 919 people in the Flat Lake to Green Lake area. This order includes the area that was previously under alert
  - The Evacuation Alert in the Horse Lake Sheridan Lake area was expanded July 17, it now includes 2383 homes and 2390 people
  - An Evacuation Alert was issued for the Flat Lake North Area on July 16<sup>th</sup> for 2 homes and 4 people
  - An Evacuation Alert was issued on July 14, 2021 for the District of 100 Mile (2016 census: 1,980 people, 890 homes)
  - o Highway 97 reopened on July 15, 2021, but may be closed with little notice
  - Wildfire continues to threaten the scattered homes south of 100 Mile House as well as Hydro, MOTI critical infrastructure and a CNR Mainline
  - Continued high potential for Growth to the North and east due to warm temperatures and lack of rain.
- McKinley Lake C31056
  - Future Wildfire growth limited by recent rain and good suppression effort.
  - 2 Properties on Alert at Crooked lake
    - 2 people, 2 house points, as well as a number of guests at a lodge
- Canim Lake Fire C41100

- 115 homes (319 people) on Alert on the Canim Lake Band (IR#1). The Alert area was expanded to also include additional IR#s 2,3,4,5, & 6
  - 65 elders/vulnerable people have evacuated to the lower mainland
- 810 homes (998 people) are on Alert in the Cariboo Regional District, this was expanded July 5<sup>th</sup> to include the Ruth Lake Area
- A new evacuation order was issued July 14<sup>th</sup>, 2021 for 301 homes and 337 people on the S side of Canim Lake. This order replaces the alert that was previously on the south side of Canim Lake
- o Limited growth though still active within perimeter

#### North of Deka Lk C41515

- Evacuation alert put in place July 10, 2021 for 4 properties (3 people) near Little Drewrey Lake.
- Wildfire growth has been and continues to be minimal
- Succour Lake C41191 (plus 3 others in area)
  - Evacuation alert put in place by CRD July 10, 2021 for 153 properties (80 people).

#### Anahim Peak C51606

Increased fire behaviour will increase the smoke impact into Anahim Lake

#### Hotnarko Ck C51355

- West of Anahim Lake.
- Evacuation Alert put in place by CRD on July 12, 2021 for 313 homes
  - 16 People from Ulkatcho were evacuated July 14, 2021
    - More may leave today
- o The increasing fire size will also increase the smoke impact into Anahim Lake
- Limited growth and Highway 20 is open daily both lanes

## Big Stick Lake C51290

- Evacuation order in place for 12 homes.
  - Evacuation Order added for 5 people July 13.
  - Evacuation Alert added for 20 people July 13
    - This section of Highway 20 has reopened, could close again with short notice.
    - o Limited growth but still active fire

### Purdy Lake C11491

- 10 km west of the community of Titetown.
  - Alert issued July 5th for HanHam / Titetown Lakes area and expanded on July 11th.
  - Total of 78 homes (+48).
  - No growth overnight or today, due to precipitation.
  - Recent growth reduced due to rainfall on this wildfire

## Prince George Fire Centre

- Cutoff Creek G41269
  - has issued an order
  - has issued an alert
  - Smoke impacting area to the north as far as Prince George
  - Wildfire has received some rainfall which has slowed growth and reduced smoke impacts
- Grizzly Lake G41711
  - CRD has issued an alert for 1 house and 1 person July 15
  - RD of Fraser Fort George put an alert on July 15<sup>th</sup> for 45 homes and 54 people
  - Smoke impacting area to the north as far as Prince George, this has been limited by recent rainfall
- Blackpine G61316 and G61318
  - Could affect Blackpine area structures (10 15?).
  - o Thutade Forest Service Road impacted by fire southeast of Blackpine Lake.
    - Access to Mesilinka IR # 7.
    - Access to Kemess Mine.
- Forres Mountain G61381
  - o Could affect Guide Outfitter Lodge and a couple other structures on Pelly Lk in the near future.
  - Smoke is impacting Tsay Keh Dene.
- Tent Fire Ck G71138
  - Could impact coal mines and other critical infrastructure
    - No orders or alerts; Murray FSR closed at 44 km to allow fire operations to be conducted safely
      - Alert and order trigger points have been established jointly by BCWS and local government
    - Expect some smoke impact to continue in Tumbler Ridge due to delayed burn off operations
      - Growth has been limited by recent rainfall which has reduced smoke impacts

## Additional Wildfires being monitoring for fire movement, smoke impact, and potential evacuees into NEA region:

Young Lake	C41097
Mt. Porter	G61192
Klawli Lk	G61132
Camsell Lk	G51748
Grizzly Lake	G41711
Tatelkuz Lk	G41728
McKay Ck	K71030
Sparks Lk	K21001

# Chris Betuzzi, RFT

APU I Northeast Region

Emergency Management BC

3235 Westwood Drive

Prince George, BC CANADA V2N 1S4

Sent from the traditional territory of the Lheidli T'enneh.

Email:s.15; s.17 Cells.17

Fax: 250-612-4171

24 Hour Emergency Reporting: 1-800-663-3456

#### **NEA COORDINATION CALL**

July 19, 2021

**Environment and Climate Change Canada** 

#### Weather:

- Showers, not too heavy in North East region 6-7mm. Mostly under 1-2mm.
- Smoke southern interior, clouds NE region. Upper low off shore driving weather. Front that we can see that will trigger thunderstorms, Move into Peace, Williston: possibility of sever thunderstorms.
- PG forecast: Mixed bag, sunny skies, clouds and isolated showers/thunderstorms, mid low 20s. Winds, under 20km/h.
- Thunderstorm outlook: sever for later this afternoon. Downpours of 15-25 mm, hail 2-3 cm, gusts up to 60km. Tonight: gusts up to 70km, downpours 15-25mm.
- Tuesday: showers in the Peace, low to mid 20s, 20-30mm. Tonight into Thursday evening: precipitation. Gusty winds in the Peace 60-70km/hr.

#### BC Wildfire -

#### CARIBOO FIRE CENTRE

- 52 active fires, 3 new starts
- 100 Mile 18 fires 3 main fires
  - K41100: Cannon Lake, activity, smoked in. Continued to work the fire.
  - K41515: Spot over the guard, machines around it, mopping it up. No concerns on that fire.
  - K41602: Increase of activity last night on the south east flag, getting around some properties and do some structure protection with helicopters, overnight crews. Everything held. Mopping up today. Structure protection. Seeing activity on the east flank. Trying to get a burn off this afternoon. 700m from power lines, could push further this afternoon.
  - 1866: 400ha one spot that crossed the railway. Caught it. Successful in catching
    it. Able to concentrate with the north flank. Hopes that they can keep it
    contained. Hoping to have it contained by Wednesday.
  - 1097: working with Kamloops FC, looking to take it back under the fold of the 100 mile zone. More to come.
  - K21849: Kamloops, no intel.

#### Quenel

 Purdy Lake Fire: weather has helped, 15-16mm of rain. 900 ha, no real growth, going direct to attack fire. It looks good now, but we have concern. Lots of ground to cover.

#### CENTRAL

 Mckinnely: 80% machine guarded, no change in size. Hoping to change from out of control to held.

#### CHILCOTEN

 Big Stick: 42 FF, 5 helicopters, didn't grow significantly, HWY open, HWY crew alerted and on STBY, intent is to maintain traffic in both directions.  Hotnarko: 1500 ha, 50 FF and 12 pieces of heavy equipment, secured HWY portion and west flank of fire, removing timber, making good progress

#### PG FIRE CENTRE

- Fair bit of precipitation, 15-35mm of rain across the region. Pouring rain in Cutoff Creek.
- Since Thursday: 8 new fires
- None of the fires of note have grown substantially.
- Size updates due to less smoke
- No growth along Alaska HWY's. Cool temps/single digits.
- 1138: 2380 ha. Fire site has received precipitation over weekend. Holding moderate to strong with success. Actively engaged with this incident.
- Clearwater creek cluster: monitoring
- 1381: remapped, 8700 ha, no growth, resources have been actively monitoring, working with local resources,
- Chase MTN Park fire: no observed fire growth. Working edge and northern flank, reassessed for the area restriction. Ensuring safety is maintained. High rate of success.
- Porter MTN fire: making good progress, no negative impacts, crews engaged on SW flank.
- Cut Off creek fire: 23000 ha, crews having success, adjacent to fire perimeters, devising plan to pinch off northern flank, will be actively engaged until end of summer. A lot of work left.
- 11126: crews and resources, working in the flanks and perimeters, high confidence holding fire for the summer. Anchor fire for any potential spread.
- G4711: linking up swampy areas.
- 1920/1925: under control, successful on the fires, lucky with the precipitation. Didn't get aggressive.
- o 1935: 33 ha, no issues or concerns
- Fires visible from HWY 16 corridor, received precipitation, only half visible from helicopter.

**AGENCY UPDATES** 

- Nothing to report

**COMMUNITY and FN UPDATES** 

- Nothing to report

LOCAL AUTHORITIES

Nothing to report

Page 47 of 61 EMB-2021-13267

#### **NEA COORDINATION CALL**

#### July 18, 2021

- Combined NWE and NEA PREOC North PREOC
- Coordination calls for NEA to be at 1430, coordination calls for NWE to be at 1530
- Debbie Alexander Deputy Director for East; will be running coordination calls
- Critical Infrastructure M Th 1300h

#### **WEATHER**

- Clouds in NE part of province
- Forecast: more showers, in northern caribou and southern peace and parts of the northwest interior, winds are rather light
- PG, WL 20km/hr
- 100 M House 10km/hr becoming light this evening
- Thunderstorms around PG
- Tomorrow L still off Haida Gwaii
- Monday light and variable winds in the NE, 20km/hr in PG
- Thunderstorms in Williams, severe thunderstorms in PG and fort st john, gusting winds
- L moves northeastward on Wednesday afternoon, potential for more showers and gusting winds, will be dry for the southern region, potential for heavier showers and some wind

#### PRINCE GEORGE FIRE CENTRE

- Since Friday evening, across entire fire centre
- No growth on any major incidents in the last two operational periods
- 1020 and 997 no significant growth, no resources assigned, monitoring
- 1007 no growth or fire behaviour due to precip in the last couple days
- 1138 no growth, crews are reporting precip, success working flanks at the head of the fire, no immediate risk to Tumbler Ridge, next 3-5 days anticipating no growth towards TR
- Peace Reach Clearwater Creek bit of precip not extensive, 5mm in 48h, no crews or resources, monitoring daily, may do suppression on 1539 and 1579
- Forres Mtn 7-10mm, no growth, still assessing for work to be done on eastern flank, no aggressive fire behaviour in the last few days
- 1159 no fire growth, area closure is in effect
- Mt Porter Fire not impacted Manson FSR
- 1132- no resources assigned, suppression plans
- Camsell lake no growth, holding just over 300ha, rescinded evac order into alert, 15mm of rain on incident, no concerns in last 2 op periods
- Fires in Punchaw, 1920 and 1925 posing no risk, crews and heavy equipment actively suppressing,
- 1935 75% contained, estimated high probability of success on this fire
- 1711 hasn't had any growth, actively suppressing with heavy equipment, with current weather may have good opportunity for success
- HWY16 Torpy Sugarbowl not exhibiting behaviour, no resources assigned, monitoring daily, will have crews actioning fires closer to highway in the next few weeks if possible

#### CARIBOO FIRE CENTRE

- Purdy Lake did receive rain over a couple days, just under 10mm, things are goin well, quite favorable, starting to mop up flanks, not out of the woods, 33 firefighters and 22 pieces of equipment
- 1606 anahim peak/dean received some precip,
- Mckinley Lake haven't seen any precip, not a lot of growth, crews are doing fairly well getting it established on the lines. Cooler and wetter conditions. Tends to see more precip.
- Big stick things have been going well, winds 5-10 out of the southwest, active fire within the control lines
- Flat lake -

#### **AGENCY UPDATES**

### MOTI

- Hwy 20 open in both directions, on stand by in big stick area
- HWY 97 smoke advisory, will be closed if needed, 80km speed advisory

#### COMMUNITY and FN UPDATES- n/a

-



# **CRD EOC Situation Report**

A strong a reconstitution a distribution of the strong strong of the strong str	•					
Community/Local Authority: Cariboo Regional D	istrict					
<b>Date and Time:</b> 7/18/2021 2:09 PM						
EMBC Task Number: 221488						
Prepared by:						
Approved by:	EOC Dire	ector, John MacLean				
EOC Contact: Jessica Kozuki	Report Type:	☐ Initial				
Name <u>Planning Section</u>		Update # 18				
Agency: <u>Cariboo Regional District</u>		Final				
Phone #: (250)392-2692	S					
Fax #: ( ) -	Situation Forecast:	☐ Improving				
		<ul><li>☐ Unchanged</li><li>☑ Deteriorating</li></ul>				
Highlights (Situational Overview-Key Points):						
<ul> <li>Advanced planning for fires below</li> </ul>						
<ul> <li>C41602 (Flat Lake), including potential ev</li> </ul>	acuation of high population	areas				
<ul> <li>C51290 (Big Stick), potential impacts for I</li> </ul>	Kleena Kleene					
<ul> <li>C41097 (Young Lake), coordination with T</li> </ul>	INRD as fire approaches CRI	) boundary				
o C41866 (Chasm), potential closure of HW	Y 97 and possible approach	to CRD boundary				
Security continues to be a top priority						
Current Priority Needs: (Resources/Information	on/Support)					
Resource Request Attached: ☐Yes or ⊠No	Resource Request Attached: ☐Yes or ☑No					
RR #14 - Resource Request planning section chief -	- submitted July 14, 2021	,				
RR #15 – Resource Request operations section chie	ef – submitted July 15, 2021					
EAF 21-009 Static and Roving Security – submitted	July 16, 2021					

# People Impacted (Estimated/Confirmed):

Estimated number of parcels:	Estimated population affected:
	Total estimated CRD population on Alert: 4951.9
	Total estimated CRD population on Order: 1216
North: 983	CRD Area under Alert: 422,406.6 hectares
Central: 3	CRD Area under Order: 89, 096 hectares
Chilcotin: 541	TOTAL REGIONAL POPULATION AFFECTED (either on alert or Order; includes
<u>South:</u> 6148	municipalities, and indigenous on-reserve): 6167.9
	TOTAL REGIONAL POPULATION ON ORDER (including municipalities and indigenous on-reserve): 1216
<u></u>	*Information is based on the Census population numbers from 2016 and reported 9-1-1 population counts.

# Livestock Impacted: no numbers at this time (Estimated/Confirmed)

Animal Type	# Dead	# Evacuated	# Disposed
None reported to date			

# Critical Transportation Issues:

Utilities	Customers Without Service		Comments
<u> </u>	#	%	
Water			

Sev	vers							
Нус	dro							
Gas	S							
Tel	ephone							
Cak	ole				h			
Cri	<ul> <li>Critical Utilities Issues:</li> <li>Highway 97 - Travel advisory in effect between Big Bar Rd and 94 Mile Frtg for 54.2 km (5 km south of 100 Mile House to 7 km north of Clinton). Limited visibility with smoke due to a wildfire. Road is open to traffic. Future closures possible with very limited notice.</li> <li>Highway 20 - Forest fire between Rainbow Range Trailhead and Elsey Rd for 32.6 km (38 to 6 km west of Anahim Lake). Road is open to traffic. Subject to change due to wildfire activity on short notice</li> <li>Highway 20 - Forest fire between Dean River Pl and Bittner Rd for 40.3 km (22 km east of Anahim Lake to 32 km west of Tatla Lake). Road is open to traffic. Subject to change due to wildfire activity on short notice.</li> </ul>							
Cor	mmunication Methods:							
	Types							
Ant	icipated communication problems:	remote propertie	es – not sure of c	ommunicatio	n abilities			
	Damage Assessment Rep	$\boxtimes$	Attached Not Attach	ned		,		
	Current Response Inform	lation:	Γ			1		
	Resources	Assigned	Available	Out of Service	Reserved	Critical Need		
1.	Police:							
	Search and Rescue:							
	SAR members							
2.	Fire:							
	Structural fire-fighter	s						
	Structural fire apparatu	s						
	Wildland fire-fighters	s						
		9						
	Wildland fire apparatu							

Aircraft

Engineering/Public Works Staff

	Vehicles			 j
	Equipment		 	 
	BCAS Paramedics			
	Ambulances		 	 
3.	ESS Volunteers			ļ
i i	Public Information Officers			ļ
	Call Takers	 	 	
4.	Military			
	Military crews			
ຸ້ 5.	Other:			

# Current ESS Reception Centre/Group Lodging Information: N/A

Name of RC/GL Activated	Address/ Location	Facility Capacity	Total # Reg.	Total # still req. help	Comments:
100 Mile ESS	Peter Skene Ogden School – 200 7 <sup>th</sup> Street				
Williams Lake ESS	Lake City Secondary School – 640 Carson Drive				
Totals:			921		921 people have registered with ESS in the area. 77 new people registered on July 17, 2021.

# Current Health Information: N/A

Hospitals Status	Operation	nal Status	Y/N	# in	#	Comments
Facilities/Location	Communi- cation	Power	Water	Hosp.	Beds Avail.	
	Choose an item.	Choose an item.	Choose an item,			
<del></del>	Choose an item.	Choose an item.	Choose an item.			

Public Health		
Mental Health	 	 •
Continuing Care	 	

Request for National Emergency Services Stock Pile (CCU and/or 200 bed hospital):

Yes	or	Νo	$\boxtimes$
103	 · •	140	- IZ NI

Details:

Weather Conditions: Williams Lake

Temp:	Precip:	Wind:	Air Quality	Humidity	Forecast
18C° Vigh 23 Low 12	Nil	Calm	Special Air Quality Statement – Smoky Skies	56%	Increasing cloudiness late this morning. 30 percent chance of showers late this afternoon with risk of a thunderstorm. Local smoke  Mainly cloudy. 30 percent chance of showers early this evening with risk of a thunderstorm. Clearing near midnight. Local smoke

Weather Conditions: 100 Mile House

Temp:	Precip:	Wind:	Air Quality	Humidity	Forecast
20C° High 24 Low 7	Nil	E 11 km/h	Special Air Quality Statement – Smoky Skies	34%	Sunny. Becoming a mix of sun and cloud this afternoon. Local smoke. Wind becoming south 20 km/h this afternoon. High 24.  Partly cloudy. Clearing late this evening. Local smoke. Wind south 20 km/h becoming light this evening.

Weather Conditions: Chilcotin

Temp:	Precip:	Wind:	Air Quality	Humidity	Forecast	
	l				l <u></u>	

20C <sup>12</sup> High 22 Low 6	Nil	SW 2 km/h	Special Air Quality Statement – Smoky Skies	35%	A mix of sun and cloud. Wind becoming southwest 20 km/h this afternoon.  A few clouds. Wind southwest 20 km/h becoming light this evening
---------------------------------------	-----	-----------	--	-----	---

## Future Outlook/Planned Actions:

- Planning for expansion of alerts and orders based on information from BC Wildfire IC recommendations
- Advanced planning for lodging and ESS should more orders be issued.
- Monitoring fires C41602 (Flat Lake), C51355 (Hotnarko), C11491 (Purdy Lake), C41100 (S of Canim Lake),
   C31056 (Mckinley Creek), C51291 (Big Stick), C41191 (Succour Lake), C41097 (Young Lake)
- Planning for possible evacuation routes/methods if alerts change to orders.
- Monitoring reports of fire activity.
- Monitoring and providing resourcing as required.

<del></del>	 	V II	#=#*	

## Johnston, Cole EMBC:EX

From: EMBC NEA PREOC Advanced Planning Unit 2 EMBC:EX

**Sent:** July 18, 2021 13:30

**To:** EMBC NEA PREOC ALL; EMBC NWE PREOC ALL

**Subject:** Fire Weather Indices for July 18

Attachments: Buildup Index.jpg; Danger Class.jpg; Duff Moisture Code.jpg; NW Precip.jpg; Precip.jpg

#### Good afternoon,

Please find attached Fire Weather Indices as described below. I have also included the Precipitation Summary for NW as it was unavailable earlier.

Attached are the Build Up Index (BUI), Duff Moisture Code (DMC) and Danger Class (DC) and Precipitation for today.

- Duff Moisture Code (DMC) A numerical rating of the average moisture content of loosely compacted organic layers of moderate depth. This code indicates the fuel consumption in moderate duff layers and medium-sized woody material.
- 2) Buildup Index (BUI) A numerical rating of the total amount of fuel available for combustion that combines the Duff Moisture Code and Drought Code.
- 3) Fire Danger Class A segment of a fire danger index scale identified by a descriptive term (e.g. Low, Moderate, High, Extreme), and/or a colour code. The classification system may be based on one or more fire danger indexes (e.g. the Buildup Index is sometimes used in addition to the Fire Weather Index

Any questions or comments always welcome.

Sally Bardossy, RFT
APU I Northeast Region
Emergency Management BC
3235 Westwood Drive
Prince George, BC CANADA V2N 1S4

Sent from the traditional territory of the Lheidli T'enneh.

Email:s.15; s.17 Cell s.17

Fax: 250-612-4171

24 Hour Emergency Reporting: 1-800-663-3456

