




Coastal Fire Centre Status Report: prepared for March 30, 2019

Fire Activity			
Fires Currently Burning	1 (0 lightning-caused /1 human-caused) * * Subtotals may not add up to the total; fires not classified as "lightning-caused" or "human-caused" are still under investigation		
New Fires Last Week	2		
	This Season (Since April 1 st)	Last Year (2018)	10 Year Average (2009-2018)
Total Fires to Date	32	37	26
Total Hectares to Date	226	119	30

Overview
<ul style="list-style-type: none"> Activity in the Coastal Fire Centre (CoFC) is relatively quiet. The CoFC continues to support activity in Alberta and in northern parts of the Province. The fire on Northeast corner of Nelson Island is .6 hectares. The fire is person-caused and is under investigation. BC Wildfire Service personnel worked with forestry personnel and aircraft to bring this fire to 'Under Control'. Category 2 Open Fire prohibition is effective May 30, 2019, at noon. Included in the prohibition are fireworks, firecrackers, sky lanterns, burn barrels and burn cages of every size and description, and binary exploding targets. Campfires and Category 3 fires are still allowed. Weather as of May 29, 2019

Zone Activity Level					
	1	2	3	4	5
Fraser	X				
Pemberton	X				
SS Coast		X			
South Island	X				
North Island/Mid Coast	X				

This information is intended to provide operational information of use to forest industry stakeholders, local governments, internal partners and authorities to assist planning their activities. Please do not share outside of this group.

Fire Prohibitions and Restrictions		
		
Open Burning	Campfires	Forest Restriction
Cat 2 – Ban in Effect	No Ban in Effect	Not in Effect
Cat 3 - No Restriction		
Click for more information on specific activities that are prohibited during a Category 3, Category 2, or Campfire ban or visit gov.bc.ca/gov/content/safety/wildfire-status		

Weather Synopsis
<p>SYNOPSIS: (May 29-May 30) The upper ridge continues quite strong but is starting to weaken. A band of moisture and instability embedded in the high brought a few lightning strikes to Manning Park yesterday but there was little rainfall reported. Today, as yesterday, sees patchy marine cloud layers over the lower mainland but they are starting to clear already and so expect another mostly sunny warm day. Yesterday's embedded moisture now lies along the west coast and further bands of moisture and instability currently over central Washington are drifting into southern Coastal sections. Likely at least a few more thunderstorms will develop this afternoon, mostly along the Coast Mountains in the Pemberton and Fraser zones. There will be some convective development over the Vancouver Island mountains, but thunderstorms are unlikely. Pattern and weather the same tomorrow but likely a little less moisture and instability so a risk of thunderstorm development along the eastern border. The ridge is a little weaker tomorrow and temperatures fall off a degree or two.</p>

Zone Fire Danger Rating	
Fraser	Low/Moderate
Pemberton	Moderate with areas of High
SS Coast	Moderate
South Island	Moderate with an area of High
North Island/Mid Coast	Predominantly High

This product is NOT intended to replace danger class ratings from representative weather stations, danger class reports, etc. Please review the Wildfire Act and Regulation to understand your legal obligations at BCWildfire.ca.

24HR Lightning Forecast
<p>FRASER – PEMBERTON CHANCE OF LIGHTNING / DRY LIGHTNING Today: 40/20. Tonight: 10/0. Tomorrow: 10/0</p> <p>SUNSHINE COAST CHANCE OF LIGHTNING / DRY LIGHTNING Today: 10/0. Tonight: 0/0. Tomorrow: 0/0.</p> <p>SOUTH ISLAND CHANCE OF LIGHTNING / DRY LIGHTNING Today: 10/0. Tonight: 0/0. Tomorrow: 0/0.</p> <p>NORTH ISLAND - MID-COAST CHANCE OF LIGHTNING / DRY LIGHTNING Today: 0/0. Tonight: 0/0. Tomorrow: 0/0.</p> <p>HAIDA GWAI CHANCE OF LIGHTNING / DRY LIGHTNING Today: 0/0. Tonight: 0/0. Tomorrow: 0/0</p>

3-5 Day Weather Outlook
<p>OUTLOOK: (Friday-Sunday) The ridge continues to gradually collapse but maintains sunny and warm and dry weather through the weekend. Instability decreases, and convective activity falls off through the period.</p>

Coastal Fire Centre Zones	
	<p>Click here for more information about the Coastal Fire Centre (Fire Danger Rating Maps, Danger Class Reports, Fire Weather Maps, Active Wildfires Map) or visit gov.bc.ca/gov/content/safety/wildfire-status</p>

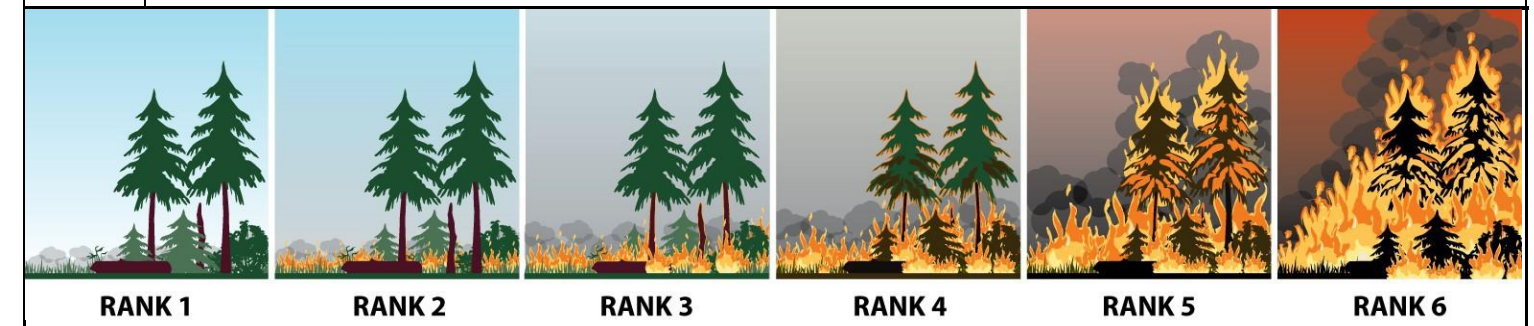
Coastal Fire Centre Status Report: prepared for March 30, 2019

Zone Activity Level	
Level 1: (Exporting)	
<ul style="list-style-type: none"> • Low to normal fire activity; no additional resource support is anticipated • Adequate resources to deal with anticipated fire demands • Monitor and anticipate possible support for non-wildfire provincial emergencies • Zone resources may be deployed to other zones, fire centres, and out of province 	
Level 2: (Exporting/Holding)	
<ul style="list-style-type: none"> • There is an increase in fire activity; zone resources are adequate to meet their demands • Monitor and anticipate possible support for non-wildfire provincial emergencies • Limited resources may be deployable to other zones, fire centres, or out of province 	
Level 3: (Holding)	
<ul style="list-style-type: none"> • There is an increase in fire activity; zone may not be able to meet local resource demands • Resources from other zones / fire centres may be requested to assist zone activity • Long term strategic planning becomes critical in determining what resources are needed where • Zone staff on standby based on anticipated needs 	
Level 4: (Holding/Importing)	
<ul style="list-style-type: none"> • The zone is experiencing a high level of fire activity • Zone resources will need to be supplemented from other zones / fire centres / type 2 crews • Out of province resource requests for specific or critical resources may be required if provincial resource capacity is not able to handle fire demands 	
Level 5: (Importing)	
<ul style="list-style-type: none"> • The zone is experiencing very significant fire activity, and/or extreme fire behaviour; heavy demands on provincial and fire centre resources are occurring and anticipated to continue • Resource capacity is supplemented with staff from Wildfire TEAMS, other Ministries, the forest sector, Fire Departments, and type 2/3 resources 	
Fire Stages of Control	
Out of Control	Describes a wildfire that is not responding (or only responding on a limited basis) to suppression action, such that the perimeter spread is not being contained.
Being Held	Indicates that (with the resources currently committed to the fire) sufficient suppression action has been taken that the fire is not likely to spread beyond existing or predetermined boundaries under the prevailing and forecasted conditions.
Under Control	The fire has received sufficient suppression action to ensure no further spread of the fire.

Disclaimer: The information in this status report is intended for general purposes only and should not be relied on for operational decisions as fires are dynamic and situations change quickly. The BC Wildfire Service makes no warranties or guarantees either expressed or implied as to the completeness, accuracy or correctness of the information, nor accept any liability arising from any incorrect, incomplete or misleading information contained therein.

Fire Danger Rating	
Status	Description
Low	Fires may start easily and spread quickly but there will be minimal involvement of deeper fuel layers or larger fuels.
Moderate	Forest fuels are drying and there is an increased risk of surface fires starting. Carry out any forest activities with caution.
High	Forest fuels are very dry and the fire risk is serious. New fires may start easily, burn vigorously, and challenge fire suppression efforts. Open burning and industrial activities may be restricted.
Extreme	Extremely dry forest fuels and the fire risk is very serious. New fires will start easily, spread rapidly, and challenge fire suppression efforts. Open burning, industrial activities and campfires may be restricted.

Wildfire Ranks	
Rank	Description
1	Characteristics: Smouldering ground fire, no open flame, white smoke, slow (i.e. creeping) rate of fire spread. Firefighting tactics: Direct attack with ground crews using hand tools and water delivery systems (i.e. pumps and hose).
2	Characteristics: Surface fire, visible, open flame, unorganised or inconsistent flame front, slow rate of spread. Firefighting tactics: Direct attack with ground crews using hand tools, water delivery systems, or heavy equipment. Hand constructed control lines and lines that have been cleared of combustible material will likely be successful.
3	Characteristics: Organised flame front – fire progressing in organised manner, occasional candling may be observed along the perimeter and/or within the fire, moderate rate of spread. Firefighting tactics: Hand constructed control lines alone are likely to be challenged, ground crews conducting direct attack may require air support from fixed-wing air tankers, skimmers or helicopters conducting bucketing or tanking operations. Control lines constructed by heavy equipment will generally be effective.
4	Characteristics: Grey to black smoke, organised surface flame front, moderate to fast rate of spread on the ground, short aerial bursts through the forest canopy, short-range spotting. Firefighting tactics: Ground operations may not be successful at the head of the fire, indirect tactics may be required to bring the head of the fire under control. Parallel attack may be used along the flanks of the fire to direct the head into favourable ground or fuels. Air operations may be required to support ground personnel.
5	Characteristics: Black to copper smoke, organised crown fire front, moderate to long-range spotting and spot fire growth. Firefighting tactics: The limited options available include indirect attack and planned ignitions to remove fuel in the path of this type of fire behaviour. Ground operations are often restricted to fighting the least active sections of the fire or conducting ground ignition operations from secure control lines with readily available escape routes and safety zones.
6	Characteristics: Organised crown fire front, long-range spotting and independent spot fire growth, possible fireballs and whirls, violent fire behaviour probable, a dominant smoke column may develop which influences fire behaviour. Firefighting tactics: Firefighting under these conditions is extremely dangerous. Suppression efforts will be well away from active fire behaviour and may include preparing structure protection measures or conducting indirect large-scale ignition operations in an attempt to steer the fire. Often, the safest and most prudent strategy is to pull resources back to safe areas, ensure that personnel and the general public are safe, and wait for fire behaviour to lessen before re-engaging in fire suppression operations.



RANK 1

RANK 2

RANK 3

RANK 4

RANK 5

RANK 6