

Tsoy, Marina TRAN:EX

From: forecasts@weather.net.us
Sent: December 20, 2018 10:51 AM
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Subject: BC MoT Fraser River Crossings Afternoon Weather Forecast Thursday, December 20, 2018
Attachments: BCMoTFraserRiverCrossings 2018-12-20 1000.PDF

Discussion

Still expecting a period of strong winds this afternoon as winds turn to the SW. Winds may gust as high as 70-80 kph for a short period between about 12-3pm, then winds turn more W after dark and decrease through the evening.

Rain showers will also continue at times this afternoon, then taper off late in the day. Most showers end before dark, but there could be one or two rain showers lingering into the evening before ending entirely. Clouds break up overnight and temps should drop to within a couple degrees of freezing by Friday morning. After a dry day Friday, rain returns Friday night. Snow levels may be around 200-300m as precip increases overnight and some snow may mix down to the bridge piers. No anticipating accumulations on bridge cables at this time, but this period will still need to be watched in case some snow can stick.

Temps warm up through the morning on Saturday and any snow or rain/snow mix early should turn to all rain within a couple hours after sunrise. Rain ends midday into the afternoon. More rain moves in Saturday night into Sunday, but temperatures are warmer and snow levels are higher so no threat for snow is expected with this system.

Extended

Winds pick up again on Sunday though gusts don't look as strong this time. The strong southerly winds will keep mild air in the area for the weekend, with no snow threats during precip. Some showers may linger into Monday. Additional periods of rain may occur throughout the week, spaced out about a day or two apart. The original trend toward drying that long-range models were showing earlier appears to be evaporating.

MOT Fraser River Crossings Forecast

Web Access:	https://www.nw-weather.net.com/portmann
24/7 Toll Free:	1-800-937-8676

Web Click Options [RADAR](#) [SATELLITE](#) [Observations](#)

Forecast Date: Thursday, December 20, 2018

Time Issued: 10:51 AM

Forecast Begins: 2:00 PM

Forecaster: nb

Short Term Discussion

Still expecting a period of strong winds this afternoon as winds turn to the SW. Winds may gust as high as 70-80 kph for a short period between about 12-3pm, then winds turn more W after dark and decrease through the evening.

Rain showers will also continue at times this afternoon, then taper off late in the day. Most showers end before dark, but there could be one or two rain showers lingering into the evening before ending entirely. Clouds break up overnight and temps should drop to within a couple degrees of freezing by Friday morning. After a dry day Friday, rain returns Friday night. Snow levels may be around 200-300m as precip increases overnight and some snow may mix down to the bridge piers. No anticipating accumulations on bridge cables at this time, but this period will still need to be watched in case some snow can stick.

Temps warm up through the morning on Saturday and any snow or rain/snow mix early should turn to all rain within a couple hours after sunrise. Rain ends midday into the afternoon. More rain moves in Saturday night into Sunday, but temperatures are warmer and snow levels are higher so no threat for snow is expected with this system.

Technical Synopsis

Cooling aloft tonight should lower snow levels to near 300m tonight. Further low-level cooling Friday evening will be able to drop snow levels as low as 200m. Hi-res model output from this morning is showing the potential for even lower snow levels, possibly down to the surface during steadier precip Friday night and early Saturday morning. Models have been trending this way, so new runs and other models will be monitored in the next couple forecast cycles to see where consensus goes.

Extended Forecast out to Sunday, Dec 30

Winds pick up again on Sunday though gusts don't look as strong this time. The strong southerly winds will keep mild air in the area for the weekend, with no snow threats during precip. Some showers may linger into Monday. Additional periods of rain may occur throughout the week, spaced out about a day or two apart. The original trend toward drying that long-range models were showing earlier appears to be evaporating.

Important Note

All "DAY" forecasts are from 0600 in the morning to 1800 late afternoon (6:00 a.m. to 6:00 p.m.)

All "NIGHT" forecasts are from 1800 in the evening through 0600 the next morning.

Daytime temperatures are a daytime high.

Nighttime temperatures are an overnight low.

Important: This is a document describing the weather forecaster's current thinking of how the weather scenario will develop.

There are varying amounts of confidence in different elements of the forecast.

Red Concern = 5 cm or more snowfall in any 12 hour period; shedding of previous accumulations of snow; significant freezing rain.

Yellow Concern = Less than 5 cm of snowfall in any 12 hour period; 5 cm or more snow nearby or at slightly higher snow levels.

Port Mann Bridge

	Weather	Temp (deg C)	Wind (kph)	Rainfall (mm)	Snow Level (m)	Road Snow	Icing Concerns
Thursday night	Partial clearing overnight. Any lingering shower ends early evening.	1	W 15-30, G 50 early, becoming light.	0-1	Down to 300 late		Green
Friday	Partly cloudy.	6	W shifting ENE 10-20		300		Green
Friday night	Turning cloudy. Rain returns late evening and could mix with snow late night.	1	E 10-15	2-5	200	0	Yellow
Saturday	Cloudy morning; becoming partly cloudy. Rain or rain/snow mix turns to all rain by mid-morning, then tapers off midday/ early afternoon.	6	E 10-20	2-3	Rising to 600		Green
Saturday night	Cloudy. Rain develops in the evening and continues overnight.	3	ESE 10-20	12-20	500		Green
Sunday	Cloudy. Rain through the morning, ending in the afternoon.	7	SE 20-40 morning, turning S-SW 30-60 afternoon	5-10	Rising to 1,000		Green

Alex Fraser Bridge

	Weather	Temp (deg C)	Wind (kph)	Rainfall (mm)	Snow Level (m)	Road Snow	Icing Concerns
Thursday night	Partial clearing overnight. Any lingering shower ends early evening.	1	W 15-30, G 50 early, becoming light.	0-1	Down to 300 late		Green
Friday	Partly cloudy.	6	W shifting ENE 10-20		300		Green
Friday night	Turning cloudy. Rain returns late evening and could mix with snow late night.	1	E 10-20	2-5	200	0	Green
Saturday	Cloudy morning; becoming partly cloudy. Rain or rain/snow mix turns to all rain by mid-morning, then tapers off midday/ early afternoon.	6	ESE 15-25	2-3	Rising to 600.		Green
Saturday night	Cloudy. Rain develops in the evening and continues overnight.	3	ESE 15-30	12-20	500		Green
Sunday	Cloudy. Rain through the morning, ending in the afternoon.	7	SE 20-40 morning, turning S-SW 30-60 afternoon	5-10	Rising to 1,000		Green

George Massey Tunnel Replacement

	Weather	Temp (deg C)	Wind (kph)	Rainfall (mm)	Snow Level (m)	Road Snow	Icing Concerns
Thursday night	Partial clearing overnight.	2	W 15-30, G 50 early, becoming light.		Down to 300 late		Green
Friday	Partly cloudy.	7	W shifting ENE 10-20		300		Green
Friday night	Turning cloudy. Rain returns late evening and could mix with snow late night.	1	E 10-20	2-5	200	0	Green
Saturday	Cloudy morning; becoming partly cloudy. Rain or rain/snow mix turns to all rain by mid-morning, then tapers off midday/ early afternoon.	6	ESE 15-25	2-3	Rising to 600		Green
Saturday night	Cloudy. Rain develops in the evening and continues overnight.	4	ESE 15-30	12-20	500		Green
Sunday	Cloudy. Rain through the morning, ending in the afternoon.	8	SE 20-40 morning, turning S-SW 30-60 afternoon	5-10	Rising to 1,000		Green

Tsoy, Marina TRAN:EX

From: Do Not Reply CITZ:EX
Sent: December 20, 2018 3:00 PM
To: Bonhomme, Korry TRAN:EX
Subject: DriveBC Events

Highway 1 Both Directions

Highway 1, in both directions. Travel advisory in effect between Exit 92: Highway 11 and Highway 7 for 82.4 km (Abbotsford to Hope). High winds. Debris on roadway. Please use caution when travelling. Next update time Thu Dec 20 at 6:00 PM PST. Last updated Thu Dec 20 at 2:56 PM PST. (DBC-4255)

All times are Pacific Time unless otherwise noted

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Tsoy, Marina TRAN:EX

From: Do Not Reply CITZ:EX
Sent: December 20, 2018 9:03 PM
To: Bonhomme, Korry TRAN:EX
Subject: DriveBC Events

Highway 1 Both Directions

Highway 1, in both directions. Road cleared between Exit 92: Highway 11 and Highway 7 for 82.4 km (Abbotsford to Hope). Wind warning rescinded. Drive to conditions. Last updated Thu Dec 20 at 8:58 PM PST. (DBC-4255)

Highway 7 Both Directions

Highway 7, in both directions. Road cleared between Highway 11 and Highway 1 for 80.9 km (Mission to 1 km east of Hope). Wind warning rescinded. Drive to conditions. Last updated Thu Dec 20 at 8:58 PM PST. (DBC-4254)

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