



# INCIDENT Weather Forecast



**Forecast No:** 4  
**Prediction For:** Sunday  
**Shift Date:** September 11, 2022  
**Forecast Issued:** September 10, 2022 at 1700

**Name of Incident:** Chilliwack/NW Pasayten  
**Unit:** Puget Sound NCP  
**Incident Meteorologist:** Shawn Smith  
 (240) 778-5293

**Discussion:** \*\*\*Red Flag Warning continues for the western slopes of the Cascades through 1900 today\*\*\* Winds will ease today, but dry and unstable conditions will continue critical fire weather for the western slopes especially in areas with less smoke. The eastern slopes will also be dry, but less wind is expected. Moisture is expected to start to increase clouds through the day under southerly winds, then moisture will begin to work down to the surface with onshore west winds Monday. This will result in higher relative humidity, cooler temperatures, and help to remove smoke from the region.

### Forecast for Today:

**Red Flag Warning through 1900 for western slopes of the Cascades.**

#### Sky/Weather:

Partly to mostly cloudy with areas of smoke. Dry and unstable.

#### Chilliwack 4,800'

#### NW Pasayten 5,800'

<b>Max Temperature:</b>	65			73	°F
<b>Min RH:</b>	30			35	%
<b>Wind (20 FT):</b>	Inversion breaking after 1000.				
...	S	5-10		SW	4-8 mph
...	Gusts:	20		Gusts:	15 mph
<b>Haines Index:</b>	5			5	
<b>Chance of Wetting Rain:</b>	0			0	%

<b>Tonight's Min Temperature:</b>	53			50	°F
<b>Tonight's Max RH:</b>	55			55	%
<b>Tonight's Wind (20 FT):</b>	Inversion setting up after 2000. Drainage winds in the canyons.				
...	SW	6		SW	4 mph
...	Gusts:	13		Gusts:	8 mph
<b>Tonight's Haines Index:</b>	3			3	
<b>Tonight's Chnc of Wetting Rain:</b>	0			0	%

### Forecast for Monday:

**Sky/Weather:** Partly cloudy with a slight chance of a light rain shower and/or a thundersotrm.

#### Chilliwack 4,800'

#### NW Pasayten 5,800'

<b>Max / Min Temperature:</b>	58	47		67	46	°F
<b>Min / Max RH:</b>	55	90		45	85	%
<b>Wind (20 FT):</b>	Inversion breaking after 1000.					
...	SW	3-6		SW	3-5	mph
...	Gusts:	13		Gusts:	10	mph
<b>Haines Index:</b>	3		<b>LAL:</b> 1	<b>Precip Chance:</b>	20	

**Extended Outlook:** Onshore westerly winds will provide for plentiful clouds, high relative humidity, and cool temperatures.

**Outlook:** Chances of precipitaiton will be very low.

		<u>Max T</u>	<u>Min T</u>	<u>Min RH</u>	<u>Max RH</u>	<u>Ridge Winds @ 1500</u>	<u>Weather</u>
<b>5000 feet</b>	<b>Tue:</b>	61	43	60	90	W @ 6 G13	P. Sunny, Slgt Chc Shwr/Tstorm
	<b>Wed:</b>	63	44	55	90	W @ 6 G13	Partly Sunny
	<b>Thu:</b>	61	41	60	80	W @ 7 G13	Partly to Mostly Cloudy

A combination of moderate breezes, low relative humidity, and warm temperatures can contribute to rapid rates of spread and down-wind spotting on existing fires.