



# INCIDENT Weather Forecast



**Forecast No:** 3  
**Prediction For:** Saturday  
**Shift Date:** September 10, 2022  
**Forecast Issued:** September 09, 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 today through Sunday\*\*\*  
 Warm, dry, and gusty conditions are expected again today especially on the western slopes under southeast winds. Wind gusts to 25 mph and relative humidity as low as 20 percent are expected while winds are expected to remain below red flag on the eastern slopes. Recoveries tonight will be poor. Smoke will be spread over the area from wildfires to the west. Winds likely ease into Sunday across the area, but dry and unstable conditions will continue critical fire weather conditions especially on the western slopes.

### Forecast for Today:

**Red Flag Warning continues for western slopes of the Cascades.**

**Sky/Weather:**

Sunny with areas of smoke.

|  | <u>Chilliwack 4,800'</u>  |      | <u>NW Pasayten 5,800'</u> |        |         |
|--|---|------|---------------------------|--------|---------|
| <b>Max Temperature:</b>                | 66  |      | 71                        |        | °F      |
| <b>Min RH:</b>                         | 25  |      | 25                        |        | %       |
| <b>Wind (20 FT):</b>                   | Inversion breaking after 0900.                                  |      |                           |        |         |
| ...                                    | SE  | 8-15 |                           | SE     | 3-7 mph |
| ...                                    | Gusts:  | 25   |                           | Gusts: | 10 mph  |
| <b>Haines Index:</b>                   | 5   |      | 5                         |        |         |
| <b>Chance of Wetting Rain:</b>         | 0   |      | 0                         |        | %       |
| <b>Tonight's Min Temperature:</b>      | 48  |      | 46                        |        | °F      |
| <b>Tonight's Max RH:</b>               | 35  |      | 35                        |        | %       |
| <b>Tonight's Wind (20 FT):</b>         | Inversion setting up after 2000. Drainage winds in the canyons. |      |                           |        |         |
| ...                                    | S   | 8    |                           | SE     | 5 mph   |
| ...                                    | Gusts:  | 15   |                           | Gusts: | 10 mph  |
| <b>Tonight's Haines Index:</b>         | 5   |      | 5                         |        |         |
| <b>Tonight's Chnc of Wetting Rain:</b> | 0   |      | 0                         |        | %       |

### Forecast for Sunday:

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

**Sky/Weather:**

Partly sunny with areas of smoke. Dry and unstable.

|                               | <u>Chilliwack 4,800'</u>       |     | <u>NW Pasayten 5,800'</u> |        |         |
|-------------------------------|--------------------------------|-----|---------------------------|--------|---------|
| <b>Max / Min Temperature:</b> | 65                             | 50  | 73                        | 48     | °F      |
| <b>Min / Max RH:</b>          | 30                             | 35  | 30                        | 35     | %       |
| <b>Wind (20 FT):</b>          | Inversion breaking after 0900. |     |                           |        |         |
| ...                           | S                              | 4-8 |                           | SW     | 3-6 mph |
| ...                           | Gusts:                         | 15  |                           | Gusts: | 10 mph  |
| <b>Haines Index:</b>          | 5                              |     | <b>Precip Chance:</b> 0   |        |         |

### Extended Outlook:

Moisture is expected to increase through next week with more clouds, higher relative humidity, a slight chance for showers and/or thunderstorms, and cooler temperatures.

|                 |             | <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>Midslope</b> | <b>Mon:</b> | 60           | 45           | 40            | 60            | WSW @ 4 G13               | P. Sunny. Slgt Chc. Shr/Storm |
|                 | <b>Tue:</b> | 54           | 43           | 60            | 85            | W @ 4 G13                 | P. Sunny. Slgt Chc. Shr/Storm |
|                 | <b>Wed:</b> | 54           | 44           | 50            | 80            | W @ 4 G15                 | P. Sunny. Slgt Chc. Shr/Storm |

A combination of moderate breezes, low relative humidity, and warm temperatures can contribute to active fire behavior. In western Washington, significant growth on existing fires takes place under such conditions.