



Branch of Natural Resources

AIR QUALITY REPORT AND FORECAST



Wednesday, July 24, 2013

Sunrise: 5:41 am Sunset: 8:40 pm

A. TODAY'S AIR QUALITY INDEX ratings:

Level of Health Concerns and Numerical Value

Current Measurement/rating

24 hour AQI average/rating

6.0 µg/M3 (19/Good)

15.9 µg/M3 (52/Moderate)

(Particle Size: 2.5 microns)

Meaning: **Good: AQI 1 to 50. Air quality is considered satisfactory, and air pollution poses little or no risk.**

0-50	Good
51-100	Moderate
101-150	Unhealthy for Sensitive Groups
151 to 200	Unhealthy
201 to 300	Very Unhealthy
301 to 500	Hazardous

B. FORECAST: Weather Station: WS Elementary, Elevation:1572 ft

Patchy smoke before 11am. Sunny, with a high near 94. West wind 5 to 7 mph becoming northwest in the afternoon.

Current Temp: 70.5° F Wind: 0.0 mph

C. **POLLENS/ALLERGY LEVEL: Low-Medium 4.4** Pollen levels between 2.5 and 4.8 tend to start affecting individuals extremely sensitive to the predominant pollen. **ALLERGY FORECAST:** Pollen levels for Thursday will remain stable in the moderate range.

D. **SUN ENERGY/UV INDEX 9 = Very High** Meaning: **Protection against sun damage is needed. If you need to be outside during midday hours between 10 a.m. and 4 p.m., take steps to reduce sun exposure. A shirt, hat and sunscreen are a must, and be sure you seek shade. Bright surfaces reflect UV and can double UV exposure.** EPA

E. **Sunnyside Turnoff Fire News Release** The Sunnyside Turnoff Fire has grown to 45,491 acres according to an infrared (IR) flight flown early this morning. Actual growth yesterday was 5,800 acres. Containment of the fire stands at 40%. The fire moved further into the Mutton Mountains in the last 24 hours but remains south of the S-330 road and east of the S-110 road along the western perimeter. The remainder of the fire stayed northeast of Upper Dry Creek road, and north and west of the Deschutes River. An initial evacuation notice (Level 1) was given last night by tribal police to residents in the Schoolie Flats area adjacent to the northwest flank of the fire. This alert means residents should be aware of fire risk in their area and begin to prepare for evacuation in the event that conditions worsen. Night operations made good progress preparing control lines and conducting burnout operations to contain the fire along the northern perimeter. Wind direction has changed easterly and has improved air quality to Warm Springs.

Such data are provided as a courtesy by The Confederated Tribes of the Warm Springs Reservation of Oregon, Branch of Natural Resources, Tribal Environmental Office. [541-553-2016](tel:541-553-2016).