IMPACTS OF WOOD BURNING

PARTICULATE MATTER (PM)

- Burning wood, manufactured logs, wood pellets or any solid fuel

A complex mixture of extremely small particles made up of a number of components, including smoke, metals, dust, organic chemicals and soot

How small?

- PM2.5 (<2.5µm)
- PM10 (<10µm)

HUMAN HAIR = 50-70 µm
(µm = microns in diameter)

UNHEALTHY LEVELS OF PM

The Valley’s topography and stagnant, dry winters traps pollution under the inversion layer

What clears PM pollution?

WIND + RAIN

WOOD BURNING IN THE VALLEY

is one of the largest sources of PM in the winter

PM HARMS OUR HEALTH

- Lung Infections
- Acute Bronchitis
- Asthma Attacks
- Heart Attacks

Found Outdoors & Indoors

HOW CAN YOU PROTECT YOURSELF & OTHERS?

CHECK BEFORE YOU BURN
1800 SMOG INFO

- NO BURNING FOR ALL
- NO BURNING UNLESS REGISTERED
- NO RESTRICTIONS, BURNING DISCOURAGED

Switch to a CLEANER DEVICE

Take advantage of the Valley Air District’s Burn Cleaner incentive program and upgrade to any of the following cleaner, certified devices:

- Gas Stove/Insert
- Certified Pellet Stove/Insert
- Certified Wood Stove/Insert

www.valleyair.org