

**Lake County Air Stagnation Plan, Health Advisories  
& Wild Fire Smoke Under Good Dispersion Conditions  
Endorsed by Lake County Board of Health 8/19/03**

| <u>Episode Stage</u> | <u>Visibility Ranges</u> | <u>Health Descriptor*</u>               | <u>Health Effects</u>                                                                                                                                                                                             | <u>Cautionary Statements</u>                                                                                                                                                 | <u>Action</u>                                                                                                                                                                  |
|----------------------|--------------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Good                 | 10 miles and up          | Good                                    | None                                                                                                                                                                                                              | None                                                                                                                                                                         |                                                                                                                                                                                |
| Marginal             | 8 to 9 miles             | Moderate                                | Possibility of aggravation of heart or respiratory disease among persons with cardiopulmonary disease and the elderly.                                                                                            | None                                                                                                                                                                         |                                                                                                                                                                                |
| Poor                 | 6 to 7 miles             | Poor                                    | Same                                                                                                                                                                                                              | None                                                                                                                                                                         |                                                                                                                                                                                |
| Stage 1 Alert        | 3 to 5 miles             | Unhealthy for Sensitive Groups          | Increasing likelihood of respiratory symptoms in sensitive individuals, aggravation of heart or respiratory disease and premature death in persons with cardiopulmonary disease, smokers and the elderly.         | People with respiratory or heart disease, smokers the elderly and children should <b>limit prolonged exertion</b> and stay indoors.                                          | Outdoor burning suspended, limit exertion at outdoors sports practices                                                                                                         |
| Stage 2 Warning      | 1.5 to 2.5 miles         | Unhealthy<br>150-214<br>8 hr. ave.      | Increased aggravation of heart or respiratory disease and premature death in persons with cardiopulmonary disease, smokers and the elderly; increased respiratory effects in general population.                  | People with respiratory or heart disease, smokers the elderly and children should <b>avoid prolonged exertion</b> ; everyone else should <b>limit prolonged exertion</b> .   | Alert restrictions remain in effect plus, public advised to eliminate nonessential driving. Recommend no outdoor activity for persons under 18. Hold sports practices indoors. |
| Stage 2 Warning      | 0.9 to 1.4 miles         | Very Unhealthy<br>215-354<br>8 hr. ave. | Significant aggravation of heart or respiratory disease and premature death in persons with cardiopulmonary disease, smokers, and the elderly; significant increase in respiratory effects in general population. | People with respiratory or heart disease, smokers the elderly and children should <b>avoid any outdoor activity</b> ; everyone else should <b>avoid prolonged exertion</b> . | Same                                                                                                                                                                           |
| Stage 2 Warning      | ¾ mile or less           | Hazardous<br>355-419<br>8 hr. ave.      | Serious aggravation of heart or respiratory disease and premature mortality in persons with cardiopulmonary disease, smokers, and the elderly; serious risk of respiratory effects in general population.         | Everyone should avoid any outdoor exertion; people with respiratory or heart disease, smokers the elderly and children should <b>remain indoors</b> .                        | Same                                                                                                                                                                           |
| Stage 3 Emergency    |                          |                                         | Same                                                                                                                                                                                                              | Everyone should <b>avoid any outdoor exertion</b> ; everyone should <b>remain indoors</b> whenever possible                                                                  | Warning restrictions remain in effect - Recommend cancellation of public gatherings <b>especially</b> athletic events, activities, and practices                               |
| Stage 4 Crisis       |                          |                                         | Same                                                                                                                                                                                                              | Everyone should <b>avoid any indoor and outdoor exertion</b> ; everyone should <b>remain indoors</b> whenever possible                                                       | <b>All</b> (indoor and outdoor) <b>athletic events, activities and practices canceled.</b>                                                                                     |