

US EPA ARCHIVE DOCUMENT

**POLLUTANT STANDARDS INDEX (PSI)
40 CF4 PART 58**

DRAFT CONCEPT PAPER

**Revised PSI Sub-index for Ozone; Levels, and
Statements of Health Effects and Cautions**

Index values	Descriptor	Ozone levels (ppm)	Ozone Health Effects	Cautionary Statement for Ozone ¹
Up to 50	Good	Up to 0.064	None	None
51 to 100	Moderate	0.065 to 0.084	Few or none	PSI \leq 75 (0.07 ppm, 8-hr): None
			Unusually sensitive individuals may experience respiratory symptoms	PSI \geq 75: Limited health notice: people who are unusually sensitive to ozone should consider limiting extended periods of moderate exertion outdoors
101 to 150	Unhealthy for Sensitive Groups	0.085 to 0.104	Increasing likelihood of respiratory symptoms and breathing discomfort in sensitive groups	Health notice: children who are active outdoors, outdoor workers, and people with respiratory disease, such as asthma, should limit extended periods of moderate exertion outdoors
150 to 200	Unhealthy	0.105 to 0.124	Greater likelihood of respiratory symptoms and breathing difficulty in sensitive groups; possible respiratory effects in the general population	Health advisory: children who are active outdoors, outdoor workers, and people with respiratory disease, such as asthma, should avoid moderate exertion outdoors; everyone else, especially children, should limit extended periods of moderate exertion outdoors
201 to 300	Very Unhealthy (Alert)	0.125 [8-hr] to 0.404 [1-hr]	Increasingly severe respiratory symptoms and impaired breathing likely in sensitive groups; increasing likelihood of respiratory effects in the general population	Health alert: children who are active outdoors, outdoor workers, and people with respiratory disease, such as asthma, should avoid exertion outdoors; everyone else, especially children, should limit moderate exertion outdoors

