TENNESSEE OZONE 2002

A LOOK AT THE CURRENT STATUS AND TRENDS

Final Validated Ambient Ozone Data - 2002

A review of ambient ozone data generated by the State of Tennessee's ozone monitoring network from March 1, 2002 through October 31, 2002 shows the level of the old 1-hour standard of 0.12 PPM was exceeded at one site on one day and the level of the new 8-hour standard of 0.08 PPM was exceeded at numerous sites on 54 different days. During the same time period in 2001, the 1-hour standard was exceeded on only one day and the 8-hour standard on 31 different days. The following is a listing of monitoring stations in the State network and the number of days each standard level has been exceeded in the time period stated above.

2002 Final Validated Data			
Station	County Location	No. Days With 1-Hour Exceedances	No. Days With 8-Hour Exceedances
Freels Bend	Anderson Co		19
Hatchie Wildlife Refuge	Haywood Co		5
New Market	Jefferson Co		22
Lawrence Co.	Lawrence Co		1
Meigs Co.	Meigs Co		28
Allgood	Putnam Co		10
Eagleville	Rutherford Co		8
Blountville	Sullivan Co		11
Kingsport	Sullivan Co		13
Hendersonville	Sumner Co		5
Cottontown	Sumner Co		6
Fairview	Williamson Co		12
Cedars of Lebanon	Wilson Co		7
Great Smokey Mountains National Park Monitoring Sites			
Look Rock	Blount Co		32
Cades Cove	Blount Co		2
Cove Mountain	Sevier Co		35
Clingman's Dome	Sevier Co		29
Local Air Pollution Control Monitoring Sites			
Trinity Lane	Davidson Co		0
Percy Priest	Davidson Co		0
Volunteer Army	Hamilton Co		12
Ridge Trail Road	Hamilton Co		18
Rutledge Pike	Knox Co		18
Mildred Drive	Knox Co		17
Frayser Blvd.	Shelby Co	1	5
Mudville Road	Shelby Co		6

The above table includes monitoring stations operated by the four local air pollution control agencies in Chattanooga, Knoxville, Memphis, and Nashville and stations operated by the National Park Service in the Great Smoky Mountains National Park. Additional information or questions regarding these stations may be obtained from the responsible agency.

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