

US EPA ARCHIVE DOCUMENT

**CURRENT THROUGH MONDAY SEPT 6, 2004**

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The max that next year's 4th high can be at that site

**OZONE EIGHT-HOUR DESIGN VALUE FOR  
MEMPHIS AND SHELBY COUNTY  
(ROUNDING CONVENTION IS USED)**

YEAR	OZONE 8-HR NAAQS* (PPM)	Site #47-157-0021 1330 FRAYSER				THREE YEAR AVERAGE 4TH HIGHEST (PPM)	NUMBER OF 8-HOUR EXCEEDANCES FOR THE YEAR (Ttl/Excdncs)	YEAR	OZONE 8-HR NAAQS* (PPM)	Site #47-157-1004 6855 MUDVILLE				THREE YEAR AVERAGE 4TH HIGHEST (PPM)	NUMBER OF 8-HOUR EXCEEDANCES FOR THE YEAR (Ttl/Excdncs)		
		(PPM)								(PPM)							
		1	2	3	4					1	2	3	4				
1993	0.085	0.094	0.092	0.089	0.080			3	1993	0.085	0.103	0.094	0.092	0.092			9
1994	0.085	0.093	0.088	0.088	0.087			4	1994	0.085	0.097	0.093	0.090	0.091			7
1995	0.085	0.111	0.108	0.105	0.101	0.089	1993-95	11	1995	0.085	0.098	0.097	0.093	0.092	0.092	1993-95	10
1996	0.085	0.102	0.098	0.096	0.095	0.094	1994-96	7	1996	0.085	0.100	0.092	0.090	0.088	0.090	1994-96	11
1997	0.085	0.107	0.097	0.092	0.089	0.095	1995-97	7	1997	0.085	0.098	0.090	0.089	0.087	0.089	1995-97	7
1998	0.085	0.123	0.094	0.093	0.092	0.092	1996-98	7	1998	0.085	0.108	0.108	0.107	0.103	0.093	1996-98	21
1999	0.085	0.110	0.106	0.105	0.104	0.095	1997-99	13	1999	0.085	0.102	0.100	0.097	0.096	0.095	1997-99	16
2000	0.085	0.106	0.104	0.093	0.091	0.096	1998-00	11	2000	0.085	0.098	0.098	0.094	0.093	0.097	1998-00	14
2001	0.085	0.114	0.093	0.085	0.084	0.093	1999-01	3	2001	0.085	0.101	0.095	0.092	0.090	0.093	1999-01	5
2002	0.085	0.093	0.091	0.087	0.086	0.087	2000-02	5	2002	0.085	0.092	0.091	0.089	0.088	0.090	2000-02	6
2003	0.085	0.094	0.087	0.084	0.082	0.084	2001-03	2	2003	0.085	0.092	0.090	0.090	0.089	0.089	2001-03	6
2004	0.085	0.074	0.074	0.073	0.073	0.080	2002-04	0	2004	0.085	0.082	0.078	0.075	0.074	0.084	2002-04	0
2005	0.085				0.098	0.084	2003-05		2005	0.085				0.090	0.084	2003-05	
2006	0.085						2004-06		2006	0.085						2004-06	

\* The ozone air quality design value for a site is defined as the 3-year average annual fourth-highest daily maximum 8-hour average ozone concentration. (March 28, 2000 John Seitz Memo, Boundary Guidance on Air Quality Designations for the 8-Hour Ozone National Ambient Air Quality Standards (NAAQS or Standard))

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**OZONE EIGHT-HOUR DESIGN VALUE FOR  
DESOTO COUNTY MISSISSIPPI  
(ROUNDING CONVENTION IS USED)**

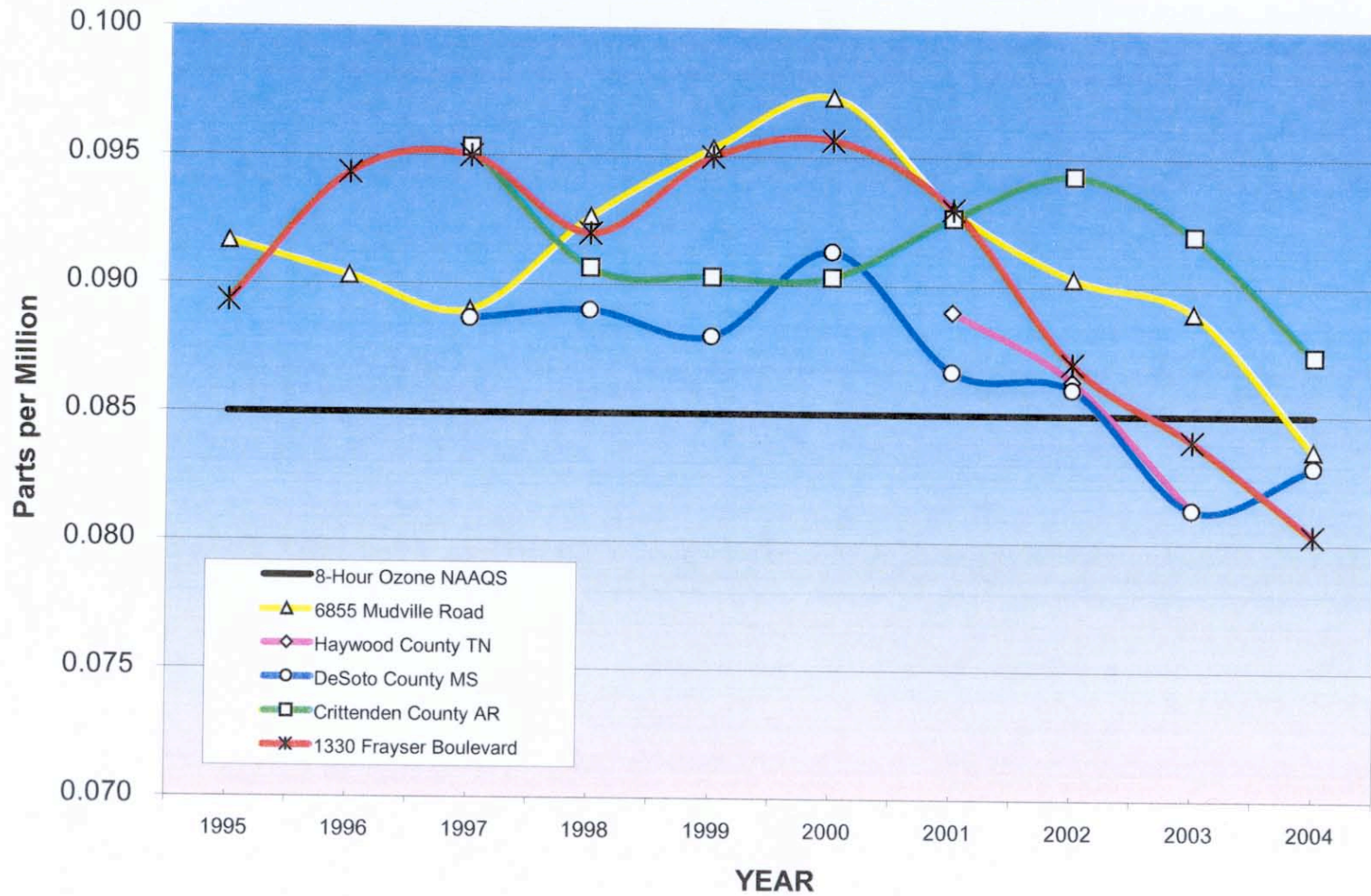
**OZONE EIGHT-HOUR DESIGN VALUE FOR  
CRITTENDEN COUNTY ARKANSAS  
(ROUNDING CONVENTION IS USED)**

YEAR	OZONE 8-HR NAAQS* (PPM)	Site 28-033-0002 DeSoto County MS Special Purpose Monitor (PPM)				THREE YEAR AVERAGE 4TH HIGHEST (PPM)	NUMBER OF 8-HOUR EXCEEDANCES FOR THE YEAR (Ttl/Excdncs)	YEAR	OZONE 8-HR NAAQS* (PPM)	Site 05-035-0005 Crittenden Co AR Special Purpose Monitor (PPM)				THREE YEAR AVERAGE 4TH HIGHEST (PPM)	NUMBER OF 8-HOUR EXCEEDANCES FOR THE YEAR (Ttl/Excdncs)		
		1	2	3	4					1	2	3	4				
		1993	0.085										1993			0.085	
1994	0.085						1995	0.085									
1995	0.085	0.097	0.096	0.096	0.088		1995	0.085	0.123	0.118	0.099	0.099		9			
1996	0.085	0.119	0.104	0.102	0.096		1996	0.085	0.105	0.099	0.099	0.096		6			
1997	0.085	0.108	0.099	0.086	0.082	0.089	1995-97	3	1997	0.085	0.100	0.097	0.096	0.091	0.095	1995-97	6
1998	0.085	0.099	0.096	0.095	0.089	0.089	1996-98	10	1998	0.085	0.092	0.090	0.087	0.085	0.091	1996-98	5
1999	0.085	0.108	0.100	0.097	0.093	0.088	1997-99	12	1999	0.085	0.104	0.099	0.096	0.095	0.090	1997-99	12
2000	0.085	0.096	0.095	0.092	0.092	0.091	1998-00	7	2000	0.085	0.096	0.095	0.093	0.091	0.090	1998-00	8
2001	0.085	0.082	0.077	0.076	0.075	0.087	1999-01	0	2001	0.085	0.102	0.098	0.093	0.092	0.093	1999-01	9
2002	0.085	0.103	0.102	0.095	0.091	0.086	2000-02	6	2002	0.085	0.107	0.106	0.101	0.100	0.094	2000-02	8
2003	0.085	0.086	0.081	0.079	0.078	0.081	2001-03	1	2003	0.085	0.108	0.092	0.090	0.084	0.092	2001-03	3
2004	0.085	0.093	0.092	0.081	0.080	0.083	2002-04	2	2004	0.085	0.082	0.081	0.079	0.078	0.087	2002-04	0
2005	0.085				0.095	0.084	2003-05		2005	0.085				0.091	0.084	2003-05	
2006	0.085						2004-06		2006	0.085						2004-06	

\* The ozone air quality design value for a site is defined as the 3-year average annual fourth-highest daily maximum 8-hour average ozone concentration. (March 28, 2000 John Seitz Memo, Boundary Guidance on Air Quality Designations for the 8-Hour Ozone National Ambient Air Quality Standards (NAAQS or Standard))

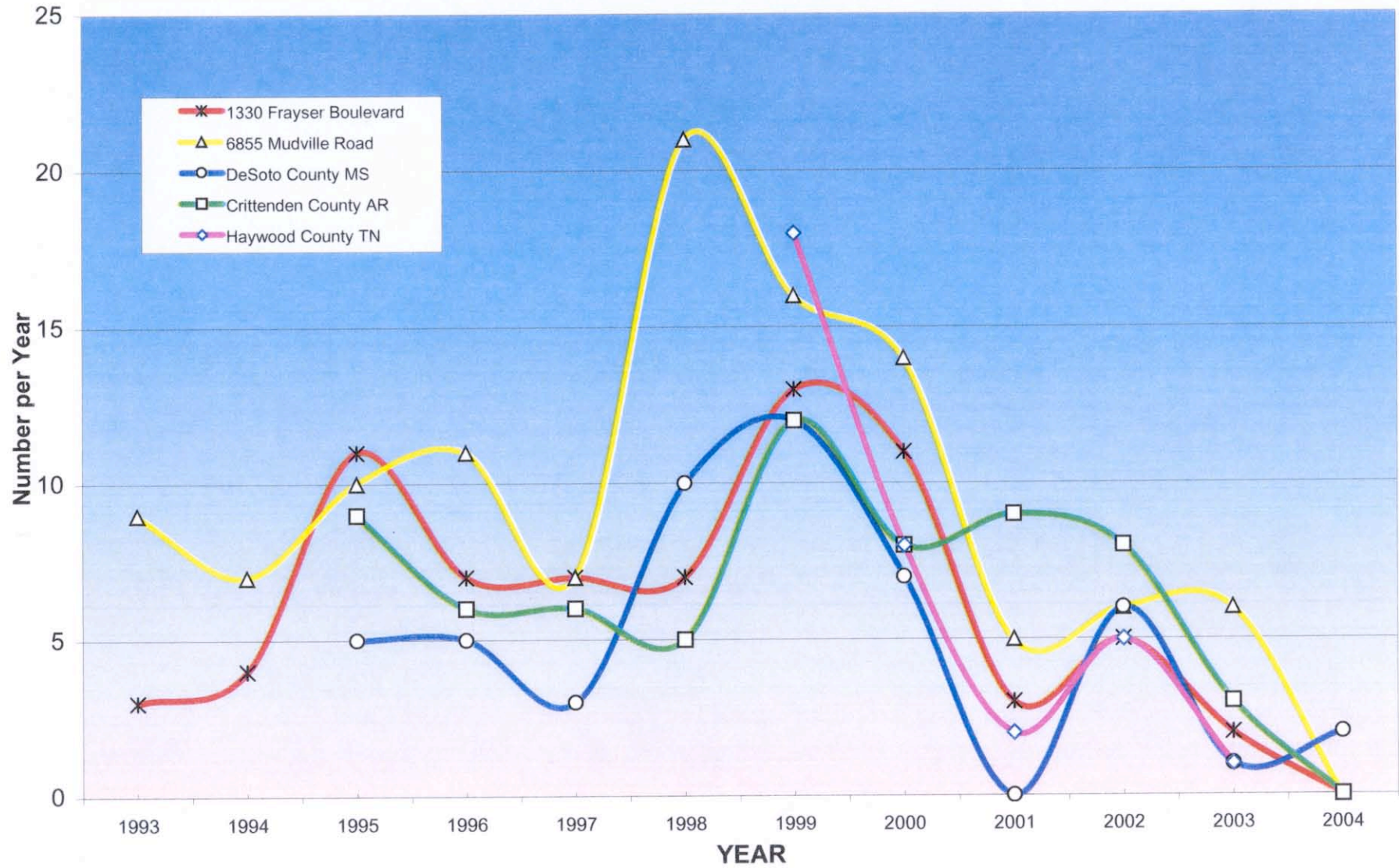
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# MEMPHIS METROPOLITAN STATISTICAL AREA COUNTIES WITH OZONE MONITORS THREE YEAR AVERAGE FOURTH HIGHEST HIGH





# MEMPHIS MSA NUMBER OF 8-HOUR OZONE EXCEEDANCES PER YEAR





### OZONE EIGHT-HOUR YEARLY MAXIMUMS

