

1999 Summary of Daily Maximum Averages above the NAAQS 8-Hour Ozone Standard in Pennsylvania

National Ambient Air Quality Standards (NAAQS) for Ozone: 8-Hour = 85 ppb (parts per billion)

Site	Total for Site	5/4/99		5/12/99		5/22/99		5/28/99		5/29/99		5/30/99	
		Max	Hour	Max	Hour	Max	Hour	Max	Hour	Max	Hour	Max	Hour
Bristol	21									85	11		
Norristown	18									91	11		
Chester	18					88	11			87	12	88	11
Allentown	17					91	13			88	11		
Freemansburg	21					94	13			88	10		
Easton	11					85	13						
Kunkletown	20					96	14			88	11		
Reading	13					91	12			89	11		
Kutztown	12					95	12						
Nanticoke	4												
Wilkes-Barre	9					90	13						
Scranton	11					93	13						
Peckville	11					92	11						
Lancaster	17					91	11			93	11	91	11
Harrisburg	15					93	12			90	11	88	11
Hershey	15					94	11			89	10	88	11
York	10					91	11			87	11	86	11
Perry County	13									88	10		
Methodist Hill	20			98	10	88	13			90	11	97	16
Altoona	6											91	10
Williamsport	0												
Johnstown	11									86	10	90	11
Greensburg	16			92	10					87	10	100	11
Charleroi	11			85	11							86	11
Washington	11			88	11								
Holbrook	21	85	14	89	11			86	13	86	11	86	15
Florence	9											89	10
Hookstown	9							87	14			93	12
Brighton Twp	11							85	13			88	12
Beaver Falls	6											87	10
Murrysville	5												
Kittanning	18											100	11
Pittsburgh	16											93	11
New Castle	5											88	11
Farrell	8											91	10
Erie	13									98	11	110	11
Philadelphia County Sites:													
Southwest (Elmwood)	11												
Northwest (Roxborough)	1												
Northeast (Airport)	0												
Frankford (Lab)	2												
Allegheny County Sites:													
Harrison Twp	12											98	11
Lawrenceville	9											87	11
Penn Hills	10											94	11
South Fayette	14			86	11			86	15			91	11

Max = Maximum 8-hour average in ppb
Hour = Hour beginning the 8-hour period

1999 Summary of Daily Maximum Averages above the NAAQS 8-Hour Ozone Standard in Pennsylvania

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Site	5/31/99		6/1/99		6/2/99		6/5/99		6/6/99		6/7/99		6/8/99	
	Max	Hour	Max	Hour	Max	Hour	Max	Hour	Max	Hour	Max	Hour	Max	Hour
Bristol	115	10									92	11	85	10
Norristown	101	10									91	12		
Chester	100	11									91	11	89	10
Allentown	97	10												
Freemansburg	102	11									85	10		
Easton	96	11												
Kunkletown	103	11	89	11	85	11	86	12	86	14	85	10		
Reading	100	11							86	13				
Kutztown	97	12												
Nanticoke														
Wilkes-Barre	92	11												
Scranton	94	11					85	12						
Peckville	96	10												
Lancaster	99	11							85	12	89	10		
Harrisburg	91	11					89	11						
Hershey	92	11												
York	91	11												
Perry County	86	10					87	11			85	10		
Methodist Hill	87	11											87	15
Altoona														
Williamsport														
Johnstown													85	10
Greensburg													90	11
Charleroi														
Washington														
Holbrook														
Florence														
Hookstown														
Brighton Twp														
Beaver Falls														
Murrysville														
Kittanning	90	11					90	12	96	12			93	12
Pittsburgh									91	12				
New Castle														
Farrell														
Erie													94	16
Philadelphia County Sites:														
Southwest (Elmwood)	103	11									88	14		
Northwest (Roxborough)	104	10												
Northeast (Airport)														
Frankford (Lab)														
Allegheny County Sites:														
Harrison Twp									93	12				
Lawrenceville									88	12				
Penn Hills														
South Fayette									94	12				

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Hour = Hour beginning the 8-hour period

1999 Summary of Daily Maximum Averages above the NAAQS 8-Hour Ozone Standard in Pennsylvania

National Ambient Air Quality Standards (NAAQS) for Ozone: 8-Hour = 85 ppb (parts per billion)

Site	6/9/99		6/10/99		6/11/99		6/12/99		6/23/99		6/24/99		6/25/99	
	Max	Hour	Max	Hour	Max	Hour	Max	Hour	Max	Hour	Max	Hour	Max	Hour
Bristol									92	10				
Norristown														
Chester														
Allentown														
Freemansburg									91	11				
Easton														
Kunkletown									87	11				
Reading														
Kutztown									88	11				
Nanticoke														
Wilkes-Barre														
Scranton									90	9				
Peckville									88	11				
Lancaster														
Harrisburg														
Hershey														
York														
Perry County														
Methodist Hill									90	13				
Altoona														
Williamsport														
Johnstown														
Greensburg	89	11											93	12
Charleroi	87	11												
Washington			90	10	97	11								
Holbrook			90	11	100	11					85	12		
Florence			100	11	101	11	86	10						
Hookstown			115	11	107	12	97	11						
Brighton Twp			115	11	110	12	89	11						
Beaver Falls			120	11	110	12	87	10						
Murrysville													87	11
Kittanning			92	10							88	11	87	11
Pittsburgh			95	10	100	11	89	10			85	11	91	11
New Castle			107	10	98	12	89	11						
Farrell			89	11	91	11								
Erie							94	11						
Philadelphia County Sites:														
Southwest (Elmwood)														
Northwest (Roxborough)														
Northeast (Airport)														
Frankford (Lab)														
Allegheny County Sites:														
Harrison Twp			95	11									91	11
Lawrenceville					87	11							87	10
Penn Hills													95	11
South Fayette	89	13	98	10	103	11					85	12		

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1999 Summary of Daily Maximum Averages above the NAAQS 8-Hour Ozone Standard in Pennsylvania

National Ambient Air Quality Standards (NAAQS) for Ozone: 8-Hour = 85 ppb (parts per billion)

Site	6/26/99		7/3/99		7/9/99		7/14/99		7/15/99		7/16/99		7/17/99	
	Max	Hour	Max	Hour	Max	Hour	Max	Hour	Max	Hour	Max	Hour	Max	Hour
Bristol	94	10	107	11	87	12			96	12	117	11	112	11
Norristown					96	12			86	11	101	11	101	11
Chester					96	12					90	12	93	11
Allentown	93	11			116	13			89	11	116	11	102	10
Freemansburg	99	11	85	11	120	13			94	12	121	11	106	10
Easton	89	11			112	14			89	11	110	11	98	10
Kunkletown					122	15			86	12	100	10	96	9
Reading	86	11			119	13			90	12	115	11	104	11
Kutztown					118	13			86	12	115	12	105	11
Nanticoke											90	10	99	10
Wilkes-Barre					94	14			90	11	94	10	105	10
Scranton					87	13			89	11	91	10	96	9
Peckville					86	14			91	11	100	10	99	9
Lancaster	86	12			117	12			88	13	102	11	106	11
Harrisburg					95	11			88	11	108	12	99	10
Hershey					103	12			89	12	115	11	106	11
York					96	11					94	11	110	12
Perry County					98	11					89	10	92	10
Methodist Hill					99	12			91	14	108	13	95	14
Altoona											102	10	90	9
Williamsport														
Johnstown	86	10			89	10			87	11	108	11	85	9
Greensburg	93	10							92	11	134	12	107	12
Charleroi					89	11			86	11	109	9	98	10
Washington	90	11			90	12			96	11	98	11	89	11
Holbrook	100	13			101	13			94	12	107	14	95	11
Florence	88	10							89	11	98	10		
Hookstown	95	14									90	18		
Brighton Twp	104	13							88	11	92	10		
Beaver Falls	88	11												
Murrysville	88	10									111	11	99	11
Kittanning	98	11			93	11			101	11	99	10	107	11
Pittsburgh	104	10			89	10			99	11	121	11	93	11
New Castle														
Farrell									95	11	93	10		
Erie							102	11	96	11	91	10	90	10
Philadelphia County Sites:														
Southwest (Elmwood)					88	12					87	11	88	12
Northwest (Roxborough)														
Northeast (Airport)														
Frankford (Lab)														
Allegheny County Sites:														
Harrison Twp					89	11			99	12	123	11	112	11
Lawrenceville	97	11							89	12	112	11	99	11
Penn Hills	89	10							94	12	113	11	107	11
South Fayette	100	11							93	12	109	11	95	12

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Hour = Hour beginning the 8-hour period

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National Ambient Air Quality Standards (NAAQS) for Ozone: 8-Hour = 85 ppb (parts per billion)

Site	7/18/99		7/19/99		7/23/99		7/24/99		7/27/99		7/28/99		7/29/99	
	Max	Hour	Max	Hour	Max	Hour	Max	Hour	Max	Hour	Max	Hour	Max	Hour
Bristol	126	11			110	11	103	13			91	11	88	12
Norristown	104	10			103	11	96	11			90	11	92	13
Chester	95	9			97	11	98	13	88	11			88	13
Allentown	105	10					85	11					86	11
Freemansburg	111	10			90	11	91	11					92	11
Easton	104	10												
Kunkletown	99	12												
Reading	100	11												
Kutztown	98	10	90	9	86	11								
Nanticoke	87	10												
Wilkes-Barre	90	9												
Scranton	87	9												
Peckville	91	9												
Lancaster	107	11			92	11					85	11		
Harrisburg	101	11												
Hershey	104	11												
York														
Perry County	87	10												
Methodist Hill	92	10												
Altoona	94	10												
Williamsport														
Johnstown	93	10												
Greensburg	98	11			94	11	87	11	93	12				
Charleroi	90	11												
Washington	87	11												
Holbrook					85	12								
Florence														
Hookstown									88	15				
Brighton Twp									101	14				
Beaver Falls									86	12				
Murrysville					85	11								
Kittanning	100	11												
Pittsburgh	88	10			88	12								
New Castle									85	12				
Farrell					87	12								
Erie														
Philadelphia County Sites:														
Southwest (Elmwood)	98	10			91	11	87	13						
Northwest (Roxborough)														
Northeast (Airport)														
Frankford (Lab)	85	11												
Allegheny County Sites:														
Harrison Twp	93	10			96	10			90	12				
Lawrenceville									85	13				
Penn Hills	91	10			94	12			85	12				
South Fayette														

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Site	7/30/99		7/31/99		8/4/99		8/5/99		8/7/99		8/11/99		8/12/99	
	Max	Hour	Max	Hour	Max	Hour	Max	Hour	Max	Hour	Max	Hour	Max	Hour
Bristol	92	10	111	11							93	10	93	11
Norristown			106	11	87	12	85	10			95	11	114	11
Chester			117	11							96	11	97	11
Allentown	87	11	91	10							87	11	87	11
Freemansburg	93	11	96	11	85	12					93	11	91	11
Easton			89	11	86	11								
Kunkletown	89	11	93	13	89	12					88	11		
Reading			90	10									85	11
Kutztown					90	12								
Nanticoke														
Wilkes-Barre														
Scranton	91	10												
Peckville	94	10												
Lancaster											87	11	89	11
Harrisburg	89	11	90	11	87	12								
Hershey	86	10	95	10	96	13							88	11
York			86	13	92	14								
Perry County	87	10	87	13	85	10								
Methodist Hill	85	9	90	14	91	14			86	14			90	21
Altoona			91	10										
Williamsport														
Johnstown			87	10										
Greensburg	86	12	95	11										
Charleroi			99	11										
Washington			88	11										
Holbrook			87	13	87	14								
Florence														
Hookstown														
Brighton Twp														
Beaver Falls														
Murrysville														
Kittanning			101	11										
Pittsburgh			97	11										
New Castle														
Farrell														
Erie			85	9										
Philadelphia County Sites:														
Southwest (Elmwood)			119	10							87	11		
Northwest (Roxborough)														
Northeast (Airport)														
Frankford (Lab)			101	11										
Allegheny County Sites:														
Harrison Twp														
Lawrenceville														
Penn Hills														
South Fayette														

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Hour = Hour beginning the 8-hour period

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National Ambient Air Quality Standards (NAAQS) for Ozone: 8-Hour = 85 ppb (parts per billion)

Site	8/13/99		8/17/99		8/28/99		9/2/99		9/3/99		9/8/99		9/12/99	
	Max	Hour	Max	Hour	Max	Hour	Max	Hour	Max	Hour	Max	Hour	Max	Hour
Bristol			87	12										
Norristown			97	14										
Chester			105	13										
Allentown			105	12										
Freemansburg			101	11										
Easton			90	11										
Kunkletown	88	11	113	13										
Reading			102	11										
Kutztown			99	11										
Nanticoke			86	10										
Wilkes-Barre	85	12	93	11										
Scranton			96	11										
Peckville	85	12	97	11										
Lancaster			101	12										
Harrisburg	90	12	93	11										
Hershey	92	12	105	11										
York			94	11										
Perry County	101	12	90	10										
Methodist Hill	89	12	103	11			85	18						
Altoona			94	11										
Williamsport														
Johnstown			94	10										
Greensburg														
Charleroi	85	11	96	10										
Washington			87	10										
Holbrook			105	13			86	15			85	15	87	11
Florence			96	13									89	11
Hookstown			87	13										
Brighton Twp			90	13									86	12
Beaver Falls														
Murrysville														
Kittanning			92	10									89	12
Pittsburgh			92	10										
New Castle														
Farrell			86	11									90	11
Erie			89	13	86	12			90	11			95	13
Philadelphia County Sites:														
Southwest (Elmwood)			91	13										
Northwest (Roxborough)														
Northeast (Airport)														
Frankford (Lab)														
Allegheny County Sites:														
Harrison Twp			95	11										
Lawrenceville														
Penn Hills			88	10										
South Fayette			87	10									92	11

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Hour = Hour beginning the 8-hour period

1999 Summary of Daily Maximum Averages above the NAAQS 8-Hour Ozone Standard in Pennsylvania

National Ambient Air Quality Standards (NAAQS) for Ozone: 8-Hour = 85 ppb (parts per billion)

Site	9/13/99		9/26/99		10/30/99	
	Max	Hour	Max	Hour	Max	Hour
Bristol						
Norristown						
Chester						
Allentown	87	11				
Freemansburg						
Easton						
Kunkletown						
Reading						
Kutztown						
Nanticoke						
Wilkes-Barre						
Scranton						
Peckville						
Lancaster						
Harrisburg						
Hershey						
York						
Perry County						
Methodist Hill						
Altoona						
Williamsport						
Johnstown						
Greensburg						
Charleroi						
Washington						
Holbrook					87	14
Florence						
Hookstown						
Brighton Twp						
Beaver Falls						
Murrysville						
Kittanning			89	12		
Pittsburgh						
New Castle						
Farrell						
Erie						
Philadelphia County Sites:						
Southwest (Elmwood)						
Northwest (Roxborough)						
Northeast (Airport)						
Frankford (Lab)						
Allegheny County Sites:						
Harrison Twp						
Lawrenceville						
Penn Hills						
South Fayette						