

2002 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	5/24/02		6/5/02		6/9/02		6/10/02		6/11/02		6/20/02	
		Max	Hour	Max	Hour	Max	Hour	Max	Hour	Max	Hour	Max	Hour
Bristol	17									102	11		
Norristown	12									88	10		
Chester	16									106	12		
New Garden (Airport)	23	87	10	86	11			96	10	123	13		
West Chester	19							85	10	111	13		
Allentown	16									86	10		
Freemansburg	12									89	10		
Easton	13									86	10	89	12
Reading	13												
Kutztown	11												
Nanticoke	6												
Wilkes-Barre	7												
Scranton	8												
Peckville	14												
Lancaster	18							92	11	89	11		
Harrisburg	11							99	11				
Hershey	13							94	11				
York	12							101	11				
Perry County	7												
Methodist Hill	26							96	17	86	10		
Biglerville	7							88	10				
Altoona	9							89	10				
State College	8							86	11				
Penn Nursery	12							86	10				
Montoursville	7												
Tiadaghton	3												
Tioga County	7												
Johnstown	6							86	11				
Moshannon	12												
Greensburg	10							88	11				
Charleroi	14									86	12		
Washington	9											91	11
Holbrook	9									94	12	88	11
Florence	17											91	12
Hookstown	20											104	17
Brighton Twp	23							86	11			97	13
Beaver Falls	9							86	11				
Murrysville	9							91	11				
Kittanning	15							93	11				
Pittsburgh	25							91	11	86	11	89	11
New Castle	6							89	11				
Farrell	20					88	10					86	11
Erie	17									86	11		
Philadelphia County Sites:													
Northwest (Roxborough)	10									91	13		
Northeast (Airport)	0												
Southwest (Elmwood)	11									91	12		
Frankford (Lab)	1												
Allegheny County Sites:													
Harrison Twp	0												
Lawrenceville	15							91	11				
South Fayette	0												

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

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Site	6/21/02		6/22/02		6/23/02		6/24/02		6/25/02		6/26/02		6/29/02	
	Max	Hour	Max	Hour	Max	Hour	Max	Hour	Max	Hour	Max	Hour	Max	Hour
Bristol			111	11	98	11			113	11				
Norristown			91	10					87	11				
Chester			98	11			95	9	105	12				
New Garden (Airport)			99	11	94	13	102	10	86	12				
West Chester			92	11	86	13	94	10	85	12				
Allentown			91	11	89	11			88	13				
Freemansburg			90	11	87	11			88	12				
Easton			92	11	90	10			89	11				
Reading			95	11					88	10				
Kutztown			89	11										
Nanticoke			86	10							89	11		
Wilkes-Barre			89	10	86	10					89	11		
Scranton	85	10	89	11	85	10								
Peckville	88	10	86	11	88	10			90	12				
Lancaster			90	10			97	10	92	12				
Harrisburg			93	11					97	11	90	11		
Hershey			91	10					93	11				
York			90	10			91	10	98	11				
Perry County														
Methodist Hill	98	18	94	9	90	12	100	23	104	11	92	9		
Biglerville									90	11				
Altoona			86	10			85	11	89	9				
State College									87	11				
Penn Nursery					90	10	86	8						
Montoursville					93	10					85	11		
Tiadaghton														
Tioga County									101	23	97	0		
Johnstown							89	11	90	10				
Moshannon			95	11	91	11	93	10						
Greensburg			98	11	85	10	94	11	98	11				
Charleroi	85	10	85	10			85	10	88	10				
Washington									85	10				
Holbrook							85	14						
Florence	89	10	87	11	85	10	87	10	96	10				
Hookstown	101	11	88	12					87	15			89	13
Brighton Twp	104	12	94	13			89	10	95	12				
Beaver Falls	99	12												
Murrysville			88	11	91	11			92	11				
Kittanning	87	11	103	11	92	11	95	11	104	11				
Pittsburgh	96	11	100	11	97	11	105	12	108	11				
New Castle	95	12	85	11										
Farrell	103	11	94	10			95	11	106	11				
Erie	95	11	87	12	102	12			91	11				
Philadelphia County Sites:														
Northwest (Roxborough)														
Northeast (Airport)														
Southwest (Elmwood)			89	11					95	12				
Frankford (Lab)			85	12										
Allegheny County Sites:														
Harrison Twp														
Lawrenceville	88	11	100	11	96	10	100	12	102	11				
South Fayette														

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

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Site	6/30/02		7/1/02		7/2/02		7/4/02		7/8/02		7/9/02		7/12/02	
	Max	Hour	Max	Hour	Max	Hour	Max	Hour	Max	Hour	Max	Hour	Max	Hour
Bristol			102	11	94	10								
Norristown					90	11								
Chester					103	10								
New Garden (Airport)			86	11	104	15								
West Chester					91	11								
Allentown			88	11	86	10								
Freemansburg			85	11										
Easton			86	11										
Reading			89	11										
Kutztown														
Nanticoke														
Wilkes-Barre			92	12										
Scranton														
Peckville			86	10										
Lancaster			87	12	93	11								
Harrisburg			95	11										
Hershey			87	11										
York					89	10								
Perry County														
Methodist Hill			94	19			88	12					86	19
Biglerville														
Altoona			88	11										
State College														
Penn Nursery					86	9			88	11	86	7		
Montoursville														
Tiadaghton														
Tioga County														
Johnstown														
Moshannon			89	11					86	10				
Greensburg	85	11												
Charleroi														
Washington														
Holbrook									101	17				
Florence									85	12				
Hookstown									89	18			87	13
Brighton Twp									90	15			90	11
Beaver Falls														
Murrysville														
Kittanning			89	10					94	11				
Pittsburgh	94	10	85	10					91	12				
New Castle														
Farrell	90	11							105	11				
Erie	87	11						89	10					
Philadelphia County Sites:														
Northwest (Roxborough)									88	12	92	10		
Northeast (Airport)														
Southwest (Elmwood)					87	11			98	11	94	10		
Frankford (Lab)														
Allegheny County Sites:														
Harrison Twp														
Lawrenceville	89	11												
South Fayette														

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

2002 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	7/13/02		7/14/02		7/15/02		7/17/02		7/18/02		7/19/02		7/20/02	
	Max	Hour	Max	Hour	Max	Hour	Max	Hour	Max	Hour	Max	Hour	Max	Hour
Bristol							89	13	94	10	89	9		
Norristown									96	11				
Chester							97	12	102	10	97	10		
New Garden (Airport)							87	11	104	11	90	10		
West Chester							86	11	97	11	87	10		
Allentown														
Freemansburg									85	11				
Easton														
Reading									90	12				
Kutztown														
Nanticoke														
Wilkes-Barre														
Scranton	87	10												
Peckville	94	10							86	9				
Lancaster									91	10	87	10		
Harrisburg														
Hershey									87	11				
York														
Perry County									85	11				
Methodist Hill					88	15			87	12				
Biglerville														
Altoona														
State College														
Penn Nursery														
Montoursville														
Tiadaghton														
Tioga County														
Johnstown														
Moshannon														
Greensburg					107	12							88	11
Charleroi					97	11	87	12						
Washington					88	10								
Holbrook					92	12								
Florence					96	13	85	14						
Hookstown					107	13	87	17						
Brighton Twp					107	13	94	17						
Beaver Falls					100	11								
Murrysville					97	11								
Kittanning					87	11								
Pittsburgh					100	12	89	13						
New Castle					86	11								
Farrell					85	12	93	11	89	10				
Erie			87	11	94	15	101	13	103	12				
Philadelphia County Sites:														
Northwest (Roxborough)							89	12						
Northeast (Airport)														
Southwest (Elmwood)							89	12	92	10	90	10		
Frankford (Lab)														
Allegheny County Sites:														
Harrison Twp														
Lawrenceville					100	12								
South Fayette														

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Hour = Hour beginning the 8-hour period

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Site	7/21/02		7/22/02		7/31/02		8/1/02		8/2/02		8/3/02		8/4/02	
	Max	Hour	Max	Hour	Max	Hour	Max	Hour	Max	Hour	Max	Hour	Max	Hour
Bristol									89	9			106	10
Norristown									94	10	101	10	87	10
Chester									98	10	93	10		
New Garden (Airport)			86	11					100	11	89	8	111	12
West Chester									90	10	87	9	89	11
Allentown			89	13										
Freemansburg														
Easton													85	9
Reading			97	12									85	9
Kutztown			92	13									87	9
Nanticoke														
Wilkes-Barre														
Scranton														
Peckville			92	10										
Lancaster			96	11							85	9		
Harrisburg											90	9		
Hershey											87	9		
York											89	8		
Perry County			86	10										
Methodist Hill	95	12									86	9		
Biglerville														
Altoona									88	9				
State College									92	9				
Penn Nursery									92	9				
Montoursville									90	8				
Tiadaghton														
Tioga County														
Johnstown					88	12								
Moshannon			90	10										
Greensburg														
Charleroi									87	10	87	10	90	10
Washington							86	11						
Holbrook														
Florence									86	10				
Hookstown					87	13			88	12	87	11		
Brighton Twp					88	12	85	10	94	11	85	10		
Beaver Falls							85	10	89	10				
Murrysville									85	11				
Kittanning					89	11								
Pittsburgh	86	11	86	10	87	11	94	11	95	11			90	11
New Castle														
Farrell	86	11			87	11	93	10					86	10
Erie							95	10						
Philadelphia County Sites:														
Northwest (Roxborough)													90	10
Northeast (Airport)														
Southwest (Elmwood)													86	10
Frankford (Lab)														
Allegheny County Sites:														
Harrison Twp														
Lawrenceville									90	12				
South Fayette														

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Site	8/9/02		8/10/02		8/11/02		8/12/02		8/13/02		8/14/02		8/15/02	
	Max	Hour	Max	Hour	Max	Hour	Max	Hour	Max	Hour	Max	Hour	Max	Hour
Bristol			108	10	111	10	124	9	113	9	105	10		
Norristown					92	10	102	10	93	9	98	9		
Chester			87	10	87	10	101	11	108	9	101	10		
New Garden (Airport)			85	9	90	9	112	10	95	11	103	9		
West Chester					86	9	104	10	92	11	100	9		
Allentown			85	10	88	10	108	11	94	9	108	10		
Freemansburg					86	10	105	10	91	9	106	10		
Easton					87	9	99	9	90	9	106	10		
Reading			89	10	85	10	104	10	87	10	102	10		
Kutztown			89	10	90	10	100	10	87	9	102	10		
Nanticoke					94	9	104	9			108	10		
Wilkes-Barre					96	9	109	9			111	10		
Scranton					95	9	106	9			95	10		
Peckville					101	10	117	8			104	9	85	10
Lancaster			90	11	89	11	118	11	94	10	104	9		
Harrisburg			85	12	98	9	112	10	92	10	108	10		
Hershey			87	12	97	12	120	10	93	10	116	10		
York			89	12	103	12	106	10	85	10	106	9		
Perry County					88	8	103	9			110	9	85	9
Methodist Hill					108	11	106	9	104	12	103	9	87	10
Biglerville					94	10	99	9			106	10		
Altoona					108	9	93	9	88	10				
State College					101	10	100	9	90	9	87	10		
Penn Nursery					103	10	106	9	90	9	91	9		
Montoursville					91	9	99	9			110	11		
Tiadaghton							88	8			92	10		
Tioga County					90	23	88	2	94	18	105	13		
Johnstown					97	10								
Moshannon					100	9	95	9	91	9	97	9		
Greensburg					100	10								
Charleroi			93	10	108	10					88	9		
Washington					107	10			85	11	87	9		
Holbrook			85	10	99	11			85	11				
Florence			97	11	109	9			87	10	89	8		
Hookstown			101	13	105	13			91	11	94	9		
Brighton Twp	89	12	98	12	106	10			87	10	89	9		
Beaver Falls			89	11	99	10								
Murrysville			89	10	100	10								
Kittanning			95	11	115	10			93	9	97	10		
Pittsburgh			93	10	114	10			98	10	96	9		
New Castle					97	10								
Farrell			101	10	105	10			95	10				
Erie			90	10	94	10			98	11				
Philadelphia County Sites:														
Northwest (Roxborough)					99	11	105	11	88	10	99	10		
Northeast (Airport)														
Southwest (Elmwood)							91	13						
Frankford (Lab)														
Allegheny County Sites:														
Harrison Twp														
Lawrenceville			86	11	107	11			88	11	85	10		
South Fayette														

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Hour = Hour beginning the 8-hour period

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Site	8/21/02		8/22/02		9/7/02		9/8/02		9/9/02		9/10/02		9/13/02	
	Max	Hour	Max	Hour	Max	Hour	Max	Hour	Max	Hour	Max	Hour	Max	Hour
Bristol							86	9						
Norristown														
Chester									93	11				
New Garden (Airport)									102	10				
West Chester									94	9	86	8		
Allentown			90	13			92	10	85	11	97	11		
Freemansburg							86	9			89	11		
Easton							91	9			94	10		
Reading			90	11							91	10		
Kutztown			86	11			86	9			91	10		
Nanticoke									88	9				
Wilkes-Barre														
Scranton							86	9						
Peckville							91	9			85	9		
Lancaster			85	11							91	10		
Harrisburg														
Hershey									87	9	87	10		
York											97	10		
Perry County									90	9				
Methodist Hill	91	13	88	11					105	17	99	13	85	14
Biglerville									87	10	93	9		
Altoona														
State College			88	10										
Penn Nursery			90	10										
Montoursville														
Tiadaghton														
Tioga County											88	15		
Johnstown											85	10		
Moshannon			89	9							91	8		
Greensburg											100	10		
Charleroi											97	11		
Washington							87	9			99	9		
Holbrook											108	10		
Florence							88	10	94	11	98	10		
Hookstown	85	17			93	12			95	14	105	10		
Brighton Twp					88	11	86	10	93	11	107	12		
Beaver Falls									86	10	96	9		
Murrysville											88	10		
Kittanning											95	8		
Pittsburgh							87	9			95	10		
New Castle											87	10		
Farrell									92	10	96	9		
Erie									87	11	92	9		
Philadelphia County Sites:														
Northwest (Roxborough)							86	11						
Northeast (Airport)														
Southwest (Elmwood)														
Frankford (Lab)														
Allegheny County Sites:														
Harrison Twp														
Lawrenceville							86	10			92	11		
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	9/14/02		9/18/02		
	Max	Hour	Max	Hour	
Bristol					
Norristown					
Chester					
New Garden (Airport)					
West Chester					
Allentown					
Freemansburg					
Easton					
Reading					
Kutztown					
Nanticoke					
Wilkes-Barre					
Scranton					
Peckville					
Lancaster					
Harrisburg					
Hershey					
York					
Perry County					
Methodist Hill			87	11	
Biglerville					
Altoona					
State College					
Penn Nursery					
Montoursville	86	10			
Tiadaghton	85	10			
Tioga County					
Johnstown					
Moshannon					
Greensburg					
Charleroi					
Washington					
Holbrook					
Florence					
Hookstown					
Brighton Twp					
Beaver Falls					
Murrysville					
Kittanning					
Pittsburgh					
New Castle					
Farrell					
Erie					
Philadelphia County Sites:					
Northwest (Roxborough)					
Northeast (Airport)					
Southwest (Elmwood)					
Frankford (Lab)					
Allegheny County Sites:					
Harrison Twp					
Lawrenceville					
South Fayette					

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Hour = Hour beginning the 8-hour period