



Operations Center  
2839 New Beaver Avenue  
Pittsburgh PA 15233

January 10, 2023

**E-Filed**

Secretary Rosemary Chiavetta  
Pennsylvania Public Utility Commission  
Secretary's Bureau  
Commonwealth Keystone Building  
400 North Street  
Harrisburg PA 17120

**Re: Duquesne Light Company – Docket No. M-2021-3023564**

Secretary Rosemary Chiavetta:

Attached is Duquesne Light's 52 PA Code 67.1 written outage report for the storm event that occurred on Friday, December 23, 2022.

Should you require additional information, please contact me at 412-393-2897.

Sincerely,

A handwritten signature in black ink that reads "Jason T. Keller". The signature is fluid and cursive, with the first name "Jason" being the most prominent.

Jason T. Keller, P.E.  
Director, Operations Center

cc: Dan Searfoorce  
Harry Bidelspach  
Derek Ruhl  
John Van Zant

ELECTRIC UTILITY REPORT OF OUTAGE TO  
PENNSYLVANIA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU  
400 NORTH STREET  
HARRISBURG, PA 17105-3265

**Phone-In Reports:** Always call (717) 941-0003  
Email RA-PUCPEMA@pa.gov

**An original and one copy of this report are to be mailed to the Secretary's Bureau at the address above, even if an electronic copy has been emailed to the address above.**

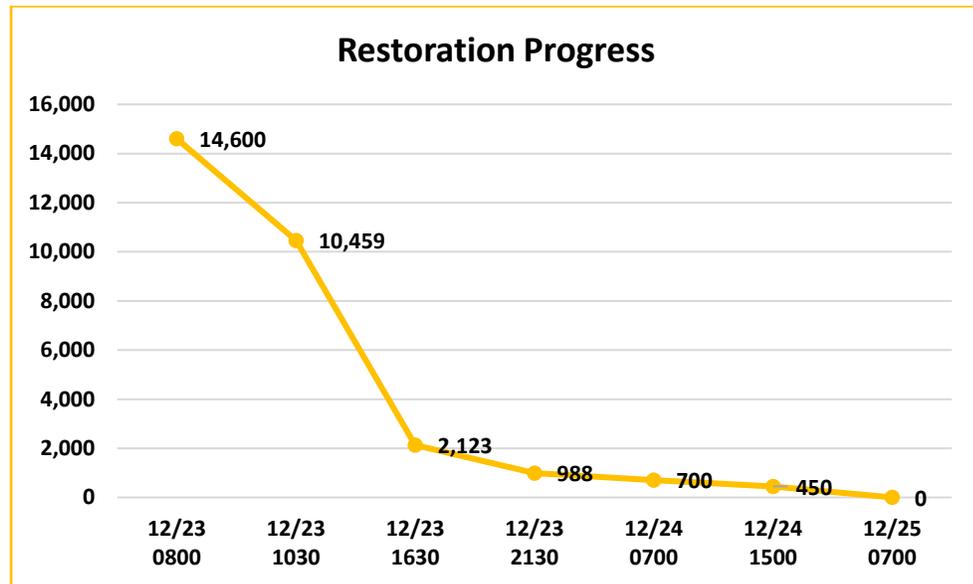
Information Required:

1. Reporting Utility: Duquesne Light Company  
Address: 2839 New Beaver Avenue  
Pittsburgh PA 15233
  
2. Name and title of person making report:  
  

<u>Jason Keller</u>	<u>Director, Operations Center</u>
<b>(Name)</b>	<b>(Title)</b>
  
3. Telephone number: 412-393-2897  
**(Telephone Number)**
  
4. Date and time initial telephonic report was made to the Commission:  
  
Friday, December 23, 2022, at 1038 hours by email.
  
5. Interruption or Outage:
  - (a) Number of customers affected:  
  
36,790 customers, constituting approximately 6% of the 609,767 customers in Duquesne Light's service territory.
  
  - (b) Approximate number of outage cases and trouble cases for each county affected during the event:  
  
Allegheny County had a total of 459 troubled locations and Beaver County had a total of 79 troubled locations for a combined total of 538 troubled locations in Duquesne Light's service territory.

(c) Approximate number of outages for each county affected during the event:

Allegheny County had a total of 30,719 customers and Beaver County had a total of 6,071 customers for a combined total of 36,790 customers affected throughout this event.



(d) Approximate number of outage cases exceeding 6 or more hours in duration:

A total of 87 outage cases exceeded 6 or more hours in duration.

(e) A listing of each outage case exceeding 6 or more hours in duration, including the following information:

A listing of each outage case exceeding 6 or more hours in duration is included at the end of this report.

(f) Reason for the interruption or outages:

On Friday, December 23, 2022, a rapid strengthening storm, known as a bomb cyclone, impacted our service area in Allegheny and Beaver counties, causing downed power lines, fallen trees and damage to our poles and equipment. On December 23, 2022, the temperature dropped from 40 degrees at 0451 hours to 12 degrees at 0705 hours along with approximately an inch of snow. A record low temperature of -5 degrees was recorded in Pittsburgh on December 23, 2022. The highest wind speed was 35 mph with strong winds gusting to 56 mph and significant wind chills as low as -31 degrees.

(g) Projected time of restoration:

The projected time of restoration was set for 2100 hours on Saturday, December 24, 2022.

- (h) The number of utility workers, contract workers and workers received as mutual aid assigned specifically to the repair work by general function, that is linemen, troublemen, tree crew, and the like:

<b>Utility / Company</b>	<b># of Workers</b>	<b>General Function</b>
Duquesne Light	110	Lineworkers
Duquesne Light	35	Troubleshooters
Duquesne Light	12	Underground
Duquesne Light	10	Substations
Hazlett – 8 Jaflo – 13 Nelson – 12 PennLine - 30	63	Tree contractors
Henkels & McCoy -13 Sargent - 9	22	Lineworker contractors

- (i) The date and time of the first information of a service interruption:

December 23, 2022, at 0448 hours.

- (j) The date and time that repair crews were assembled:

Duquesne Light lineworkers and troubleshooters were on duty with additional resources proactively scheduled prior to the start and throughout this storm event. They worked around the clock to restore power to all affected customers.

- (k) The actual time that service was restored to the last affected customer:

Service was restored to the last affected customer by this storm event on Sunday, December 25, 2022, at 0700 hours.

- (l) A general description of the physical damage sustained by the utility facilities as a result of the interruption/outage:

During this event, Duquesne Light completed 538 cases of trouble consisting of 278 primary wires, 214 secondary and services, 25 transformers, and 21 broken poles.

- (m) If the interruption / outage event was weather-related, the utility's weather reports, outlooks, or scenarios for the day before and the day of the interruption outage event:

On Thursday, December 22, 2022, Duquesne Light's weather service forecast for Friday, December 23, 2022, called for a high temperature of 40 degrees, with wind chills to -18 degrees, winds gusting to 56 mph, and a 98 percent probability of snow to 2.56 inches.

On Friday, December 23, 2022, Duquesne Light's weather service forecast called for a high temperature of 39 degrees, with wind chills to -21 degrees, winds gusting to 46 mph, and a 99 percent probability of snow to 1.06 inches.

A strong low pressure system would continue to bring snow and strong winds to the region today and into the first half of the day tomorrow. Snow would continue to spread across portions of the Ohio Valley, Great Lakes, northeastern U.S, and southeastern Canada through the day. Strong winds would also accompany the system through the day and into tomorrow morning. Moderate to heavy snowfall accumulations were likely, with the heaviest totals forecast to fall across the Great Lakes region and especially downwind of the lakes.

The National Weather Forecast (as of 23 December 2022 // 0800 hours)

- Friday 23 December: Low 0°F | Wind Chill Low -26°F | High 20°F
  - Significant wind chill with gusts forecasted up to 55mph, minor snow and flurries tapering off by 2100 hours
- Saturday 24 December: Low 0°F | Wind Chill Low -23°F | High 11°
  - Clear with winds subsiding but still moderate at > 30mph gusts

Additional weather information is included at the end of this report.

- (n) If the interruption / outage event caused approximate outages that exceed 10% or more of customers in the utility's entire service territory, rank the event in terms of the number and duration of outages and provide 2 comparable events, including the number and duration of outages for those comparable events:

This storm event did not exceed 10% of our customers in Duquesne Light's entire service territory.

Remarks:

Duquesne Light communicated storm restoration updates to our customers and the media through our [duquesnelight.com](http://duquesnelight.com) website and social media. Weather information and news articles are attached.

Outage Case	Municipality	Total Number of Customers Affected	Outage Duration (minutes)	Initial Date of Outage	Initial Time of Outage	Restoration Date	Restoration Time
2255568	SEWICKLEY	6	2,538	12/23/2022	12:42	12/25/2022	7:00
2255520	HANOVER	6	2,216	12/23/2022	6:34	12/24/2022	19:30
2255591	KILBUCK	69	2,188	12/23/2022	8:19	12/24/2022	20:47
2255561	NORTH SIDE (PGH)	4	2,080	12/23/2022	6:20	12/24/2022	17:00
2255583	BELLEVUE	4	2,019	12/23/2022	6:01	12/24/2022	15:40
2255537	MOON	10	2,006	12/23/2022	5:49	12/24/2022	15:15
2255576	MT LEBANON	7	1,861	12/23/2022	6:45	12/24/2022	13:46
2255569	RACCOON	4	1,846	12/23/2022	21:14	12/25/2022	4:00
2255562	GREENTREE	469	1,835	12/23/2022	6:11	12/24/2022	12:46
2255567	SEWICKLEY	25	1,760	12/23/2022	5:55	12/24/2022	11:15
2255522	ROBINSON	35	1,707	12/23/2022	6:13	12/24/2022	10:40
2255566	ECONOMY	71	1,699	12/23/2022	7:26	12/24/2022	11:45
2255440	ECONOMY	14	1,680	12/23/2022	7:52	12/24/2022	11:52
2255435	NEW SEWICKLEY	47	1,565	12/23/2022	7:18	12/24/2022	9:23
2255575	EDGEWORTH	15	1,521	12/23/2022	8:43	12/24/2022	10:04
2255524	INDIANA	3	1,494	12/23/2022	7:06	12/24/2022	8:00
2255516	NEW SEWICKLEY	7	1,459	12/23/2022	18:28	12/24/2022	18:47
2255523	ROSS	49	1,454	12/23/2022	9:46	12/24/2022	10:00
2255571	OHIOVILLE	1	1,452	12/23/2022	9:29	12/24/2022	9:41
2255541	FRANKLIN PARK	15	1,410	12/23/2022	10:10	12/24/2022	9:40
2255580	BELLEVUE	109	1,373	12/23/2022	18:27	12/24/2022	17:20
2255437	INDIANA	6	1,329	12/23/2022	10:51	12/24/2022	9:00
2255441	RICHLAND	6	1,316	12/23/2022	11:44	12/24/2022	9:40
2255445	BRADDOCK HILLS	307	1,277	12/23/2022	5:30	12/24/2022	12:57
2255478	WHITEHALL	4	1,265	12/23/2022	8:07	12/24/2022	5:12
2255519	BRIGHTON	2	1,156	12/23/2022	19:46	12/24/2022	15:02
2255510	ROSS	50	1,149	12/23/2022	7:21	12/24/2022	2:30
2255526	LEETSDALE	217	1,138	12/23/2022	6:15	12/24/2022	1:13
2255552	EMSWORTH	102	1,084	12/23/2022	16:06	12/24/2022	10:10
2255563	MT LEBANON	17	1,070	12/23/2022	11:35	12/24/2022	5:25
2255579	MOUNT WASHINGTON (PGH)	15	1,046	12/23/2022	22:49	12/24/2022	16:15
2255448	PLUM	9	1,039	12/23/2022	18:01	12/24/2022	11:20
2255565	PLUM	4	972	12/23/2022	22:28	12/24/2022	14:40
2255430	CARRICK (PGH)	13	967	12/23/2022	13:00	12/24/2022	5:07
2255518	FOX CHAPEL	4	957	12/23/2022	18:53	12/24/2022	10:50
2255508	INDEPENDENCE	21	935	12/24/2022	3:17	12/24/2022	18:52
2255488	MONROEVILLE	3	923	12/23/2022	18:47	12/24/2022	10:10
2255525	BALDWIN BORO	6	909	12/23/2022	6:01	12/23/2022	21:10
2255532	FOX CHAPEL	272	902	12/23/2022	18:33	12/24/2022	9:35

Outage Case	Municipality	Total Number of Customers Affected	Outage Duration (minutes)	Initial Date of Outage	Initial Time of Outage	Restoration Date	Restoration Time
2255562	NORTH SIDE (PGH)	625	897	12/23/2022	6:11	12/23/2022	21:08
2255418	BELL ACRES	32	851	12/23/2022	11:19	12/24/2022	1:30
2255515	NORTH SIDE (PGH)	21	810	12/23/2022	22:48	12/24/2022	12:18
2255513	MCKEES ROCKS	22	803	12/23/2022	12:57	12/24/2022	2:20
2255571	OHIOVILLE	1	799	12/23/2022	9:29	12/24/2022	23:00
2255443	MONROEVILLE	141	787	12/23/2022	12:33	12/24/2022	1:40
2255573	ROCH TWP	3	754	12/24/2022	8:25	12/24/2022	20:59
2243059	FOX CHAPEL	12	723	12/23/2022	7:12	12/23/2022	19:15
2255447	HAMPTON	4	714	12/23/2022	20:14	12/24/2022	8:08
2255498	WILKINSBURG	60	691	12/23/2022	5:37	12/23/2022	21:15
2255412	GREENE	67	686	12/23/2022	13:09	12/24/2022	0:35
2255434	CASTLE SHANNON	6	623	12/23/2022	18:22	12/24/2022	4:45
2255548	MONROEVILLE	6	611	12/23/2022	15:11	12/24/2022	10:00
2255445	BRADDOCK HILLS	205	610	12/23/2022	5:30	12/23/2022	15:40
2255442	MONROEVILLE	72	608	12/24/2022	1:30	12/24/2022	11:38
2255566	ECONOMY	70	597	12/23/2022	7:26	12/23/2022	17:23
2255443	MONROEVILLE	211	580	12/23/2022	12:33	12/24/2022	11:20
2255527	FOX CHAPEL	32	573	12/24/2022	2:17	12/24/2022	11:50
2255424	WHITEHALL	4	565	12/23/2022	12:20	12/23/2022	21:45
2255453	INDEPENDENCE	34	548	12/23/2022	5:49	12/23/2022	14:57
2255414	HANOVER	9	548	12/23/2022	20:22	12/24/2022	5:30
2255545	FOX CHAPEL	8	545	12/23/2022	6:41	12/23/2022	16:24
2255480	SWISSVALE	29	543	12/23/2022	16:35	12/24/2022	1:38
2255507	FINDLAY	4	539	12/24/2022	9:48	12/24/2022	18:47
2255471	MILLVALE	20	528	12/24/2022	0:16	12/24/2022	9:04
2255442	MONROEVILLE	135	527	12/24/2022	1:30	12/24/2022	10:17
2255599	NORTH SIDE (PGH)	163	526	12/23/2022	16:34	12/24/2022	1:20
2255403	FOX CHAPEL	2	523	12/23/2022	6:15	12/23/2022	14:58
2255548	MONROEVILLE	31	518	12/23/2022	15:11	12/23/2022	23:49
2255439	LINCOLN	2	516	12/23/2022	7:44	12/23/2022	16:20
2255411	HAMPTON	181	515	12/23/2022	9:57	12/23/2022	18:32
2255590	HAMPTON	40	504	12/23/2022	12:06	12/23/2022	20:30
2243059	FOX CHAPEL	344	495	12/23/2022	7:12	12/23/2022	15:27
2243070	RACCOON	13	491	12/23/2022	6:47	12/23/2022	14:58
2255419	HOPEWELL	175	486	12/23/2022	10:44	12/23/2022	18:50
2255425	PLEASANT HILLS	6	475	12/23/2022	7:20	12/23/2022	15:15
2255571	OHIOVILLE	52	466	12/23/2022	9:29	12/23/2022	17:15
2255540	WEST END (PGH)	4	451	12/24/2022	6:47	12/24/2022	14:18
2255503	BRIGHTON	4	428	12/24/2022	3:37	12/24/2022	10:45

Outage Case	Municipality	Total Number of Customers Affected	Outage Duration (minutes)	Initial Date of Outage	Initial Time of Outage	Restoration Date	Restoration Time
2255504	HANOVER	11	427	12/24/2022	9:22	12/24/2022	16:29
2255577	WEST VIEW	112	417	12/23/2022	7:03	12/23/2022	14:00
2255456	OHIO	182	406	12/23/2022	10:56	12/23/2022	17:42
2255582	FINDLAY	8	404	12/23/2022	13:02	12/23/2022	19:46
2255483	MCKEESPORT	12	404	12/23/2022	6:36	12/23/2022	13:20
2255536	MT LEBANON	40	392	12/24/2022	11:28	12/24/2022	18:00
2255563	MT LEBANON	23	385	12/23/2022	11:35	12/24/2022	11:50
2255572	HANOVER	52	381	12/24/2022	11:54	12/24/2022	18:15
2255428	BALDWIN BORO	6	374	12/23/2022	21:30	12/24/2022	3:44

DLC weather service forecast on Thursday, December 22, 2022, Friday Dec 23, 2022:

FRIDAY 12-23-2022

	Threat Timing								Temperature				Wind				Precipitation				Thunderstorm	
	00-03	03-06	06-09	09-12	12-15	15-18	18-21	21-00	Low	High	Wind Chill	Heat Index	Dir	Sustained	Gusts	Max Isolated Gusts	Probability	Rain	Snow	Ice	Type	T-storm Prob.
Raccoon Service Center									4	40	-18	39	SW	21	43	55	98	0.08	2.56	0.00	Dry Snow	0
Edison Service Center									4	39	-16	39	SW	20	42	54	98	0.09	1.61	0.00	Dry Snow	0
Preble Service Center									5	40	-15	39	WSW	20	43	56	98	0.07	1.89	0.00	Dry Snow	0
Penn Hills Service Center									4	40	-16	39	SW	20	42	54	98	0.06	1.73	0.00	Dry Snow	0
McKeesport Service Center									5	40	-14	41	SW	20	43	56	97	0.08	1.38	0.00	Dry Snow	0

DLC weather service forecast on Friday, December 23, 2022

FRIDAY 12-23-2022

	Threat Timing								Temperature				Wind				Precipitation				Thunderstorm	
	00-03	03-06	06-09	09-12	12-15	15-18	18-21	21-00	Low	High	Wind Chill	Heat Index	Dir	Sustained	Gusts	Max Isolated Gusts	Probability	Rain	Snow	Ice	Type	T-storm Prob.
Raccoon Service Center									1	38	-21	37	SW	19	44	57	98	0.09	1.10	0.00	Mix	0
Edison Service Center									1	38	-21	37	SW	20	45	54	99	0.06	0.98	0.00	Mix	0
Preble Service Center									2	39	-19	39	SW	20	45	54	99	0.05	1.06	0.00	Dry Snow	0
Penn Hills Service Center									1	39	-21	39	SW	20	46	54	99	0.05	0.94	0.00	Dry Snow	0
McKeesport Service Center									2	39	-19	39	SW	20	45	54	99	0.08	0.51	0.01	Mix	0



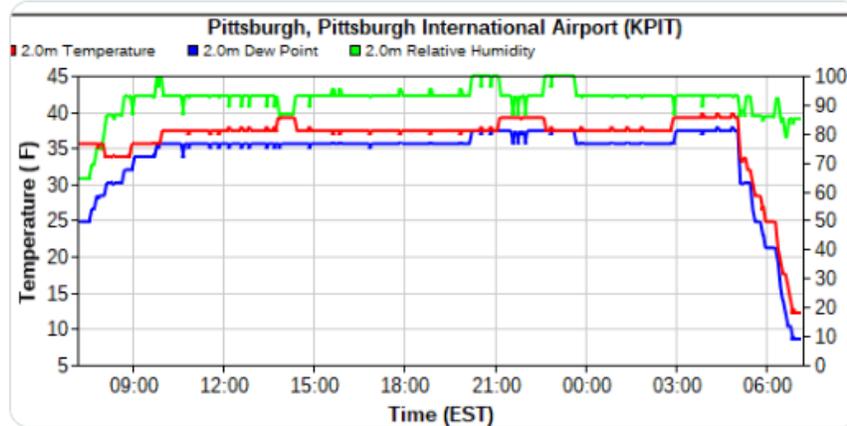
NWS Pittsburgh @NWSPittsburgh · Dec 23, 2022

It's cold and it feels even colder. Here are some of the lowest wind chill values observed so far today from around the forecast area. Most areas have observed values between -20 and -30 degrees with a few sites even colder than that!





You can see the plummeting temperatures for #Pittsburgh on this graph at the far right. The temperature has fallen from 40F at 451am to 12F at 705am. #pawx 



7:15 AM · Dec 23, 2022



A record low temperature of -5 Fahrenheit was set at Pittsburgh today. This breaks the old daily record of -3 set in 1960.

5:49 PM · Dec 23, 2022

PUBLIC INFORMATION STATEMENT  
SPOTTER REPORTS  
NATIONAL WEATHER SERVICE PITTSBURGH PA  
821 AM EST FRI DEC 23 2022

THE FOLLOWING ARE UNOFFICIAL OBSERVATIONS TAKEN DURING THE PAST 12 HOURS FOR THE STORM THAT HAS BEEN AFFECTING OUR REGION. APPRECIATION IS EXTENDED TO HIGHWAY DEPARTMENTS, COOPERATIVE OBSERVERS, SKYWARN SPOTTERS AND MEDIA FOR THESE REPORTS. THIS SUMMARY ALSO IS AVAILABLE ON OUR HOME PAGE AT WEATHER.GOV/PITTSBURGH

\*\*\*\*\*24 HOUR SNOWFALL\*\*\*\*\*

LOCATION	24 HOUR SNOWFALL (INCHES)	TIME/DATE	COMMENTS
OHIO			

...JEFFERSON COUNTY...  
 1 NE STEUBENVILLE 1.2 700 AM 12/23 CO-OP OBSERVER  
 2 WNW STEUBENVILLE 0.5 615 AM 12/23 COCORAHS

PENNSYLVANIA

...ALLEGHENY COUNTY...  
 BRADDOCK LOCK AND DA 1.0 600 AM 12/23 CO-OP OBSERVER  
 2 SE SOUTH FAYETTE 0.8 700 AM 12/23 COCORAHS  
 2 NE MOON 0.4 700 AM 12/23 CO-OP OBSERVER  
 NW ASPINWALL 0.1 700 AM 12/23 COCORAHS

...ARMSTRONG COUNTY...  
 4 S LENAPE HEIGHTS 0.3 700 AM 12/23 CO-OP OBSERVER

...BEAVER COUNTY...  
 ECONOMY 0.3 700 AM 12/23 COCORAHS

...BUTLER COUNTY...  
 1 SW MERIDIAN 0.8 753 AM 12/23 COCORAHS  
 2 WNW CABOT 0.5 700 AM 12/23 COCORAHS

...CLARION COUNTY...  
 7 NE STRATTANVILLE 0.5 700 AM 12/23 COCORAHS

...VENANGO COUNTY...  
 1 E COOPERSTOWN 0.5 700 AM 12/23 COCORAHS

...WESTMORELAND COUNTY...  
 3 ESE SMITHTON 0.2 700 AM 12/23 COCORAHS

WEST VIRGINIA

...MONONGALIA COUNTY...  
 6 SW MORGANTOWN 0.1 700 AM 12/23 COCORAHS

...OHIO COUNTY...  
 4 NNE VALLEY GROVE 0.2 700 AM 12/23 COCORAHS

...PRESTON COUNTY...  
 3 S BRUCETON MILLS 1.2 700 AM 12/23 COCORAHS

...TUCKER COUNTY...  
 DAVIS 1.2 700 AM 12/23 CO-OP OBSERVER

\*\*\*\*\*PEAK WIND GUST\*\*\*\*\*

LOCATION	MAX WIND GUST (MPH)	TIME/DATE	COMMENTS
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OHIO

...CARROLL COUNTY...  
 CARROLLTON 39 715 AM 12/23 CWOP

...GUERNSEY COUNTY...  
 CAMBRIDGE AIRPORT 35 435 AM 12/23 AWOS

...MONROE COUNTY...  
 MERRELL RIDGE 31 532 AM 12/23 RAWS

...MUSKINGUM COUNTY...  
 ZANESVILLE AIRPORT 47 514 AM 12/23 ASOS

...TUSCARAWAS COUNTY...

NEW PHILADELPHIA AIR 41 500 AM 12/23 ASOS

PENNSYLVANIA

...ALLEGHENY COUNTY...

ALLEGHENY COUNTY AIR 56 636 AM 12/23 ASOS  
I-79 AT STEUBENVILLE 47 715 AM 12/23 PADOT  
PITTSBURGH INTL AIRP 47 550 AM 12/23 ASOS  
PARKWAY EAST AT RODI 43 735 AM 12/23 PADOT  
DAWSON 37 649 AM 12/23 CWOP

...BEAVER COUNTY...

BEAVER FALLS AIRPORT 39 735 AM 12/23 AWOS

...BUTLER COUNTY...

BUTLER COUNTY AIRPOR 46 713 AM 12/23 AWOS  
I-79 AT MM 100 37 705 AM 12/23 PADOT  
KARNS CITY 37 756 AM 12/23 CWOP  
MORAIN STATE PARK 36 750 AM 12/23 RAWS

...CLARION COUNTY...

I-80 AT TIPPECANOE R 48 750 AM 12/23 PADOT

...GREENE COUNTY...

WAYNESBURG 38 539 AM 12/23 CWOP  
I-79 WELCOME CENTER 34 720 AM 12/23 PADOT

...INDIANA COUNTY...

INDIANA AIRPORT 61 735 AM 12/23 AWOS  
ROUTE 422 AT PENN RU 48 715 AM 12/23 PADOT  
YELLOW CREEK STATE P 46 743 AM 12/23 RAWS  
ROUTE 22 NEAR PALMER 45 635 AM 12/23 PADOT

...JEFFERSON COUNTY...

DUBOIS AIRPORT 53 711 AM 12/23 ASOS  
I-80 AT MOORE RD 39 750 AM 12/23 PADOT  
PUNXSUTAWNEY 34 710 AM 12/23 CWOP

...LAWRENCE COUNTY...

NEW CASTLE AIRPORT 43 706 AM 12/23 AWOS

...MERCER COUNTY...

I-80 AT I-79 38 805 AM 12/23 PADOT  
I-80 AT MM 11 35 720 AM 12/23 PADOT  
I-79 AT COUNTY LINE 34 650 AM 12/23 PADOT

...VENANGO COUNTY...

ROUTE 322 AT FISH RD 50 749 AM 12/23 PADOT  
FRANKLIN AIRPORT 45 750 AM 12/23 AWOS  
I-80 NEAR CLINTONVIL 41 650 AM 12/23 PADOT  
ROUTE 8 AT ROUTE 308 39 735 AM 12/23 PADOT

...WASHINGTON COUNTY...

WASHINGTON COUNTY AI 53 611 AM 12/23 AWOS  
I-70 WELCOME CENTER 45 605 AM 12/23 PADOT  
I-79 AT COUNTRY CLUB 40 635 AM 12/23 PADOT

...WESTMORELAND COUNTY...

LATROBE AIRPORT 52 747 AM 12/23 AWOS  
I-70 AT YOUGHIOGHENY 42 635 AM 12/23 PADOT

WEST VIRGINIA

...MONONGALIA COUNTY...

MORGANTOWN AIRPORT 38 611 AM 12/23 ASOS

...OHIO COUNTY...  
WHEELING AIRPORT 47 541 AM 12/23 ASOS

...TUCKER COUNTY...  
DAVIS 41 748 AM 12/23 CWOP  
4 E RED CREEK 33 540 AM 12/23 MESOWEST

\*\*\*\*\*SUSTAINED WIND\*\*\*\*\*

LOCATION	WIND	TIME/DATE	COMMENTS
	SPEED	MEASURED	
	(MPH)		

WEST VIRGINIA

...TUCKER COUNTY...  
DAVIS 41 736 AM 12/23 CWOP

# The holiday storm is here: Flights canceled, power outages, roads closed, school interrupted

90.5 WESA | By [Oliver Morrison](#)

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The National Weather Service reported [rapidly dropping temperatures](#) and [blizzard-like conditions](#) in the Pittsburgh area Friday, warning drivers of [rapidly dropping road temperatures](#).

Seventy flights had been [canceled](#) at Pittsburgh International Airport as of 6 p.m.; 87 were delayed. You can check [the status of your flight here](#).

Allegheny County started salting roads at 3 a.m. and said every road should've been salted at least twice by 11 a.m., according to a county spokesperson. Roads will continue to be salted all day but officials warned that they will often freeze again in the couple of hours it can take to return.

Duquesne Light was [reporting almost 15,000 power outages by 8:30 a.m.](#); that number dropped to around 2,500 by 6 p.m. PennPower is reporting [more than 1,000 power outages in Allegheny County](#), also as of 6 p.m.

The city of Pittsburgh opened [four emergency warming centers](#) because the high temperatures today will drop well below the 20 degree threshold for opening them.

- Homewood Healthy Active Living Community Center will be open until at least 8 p.m. to accommodate residents with a power outage.
- Sheraden Healthy Active Living Community Center will be open until 7 p.m.
- Brighton Heights Healthy Active Living Community Center will be open until 4 p.m.
- South Side Market House Healthy Active Living Community Center will open until 4 p.m.

The city is looking for additional volunteers to extend the hours if needed. Allegheny County has a [list](#) of other municipalities that have opened up warming centers.

Pittsburgh Public Schools [closed](#) preemptively because of the storm. Mt. Lebanon School District reported that [a power outage could impact remote learning](#) for students today because its data center was forced to work off of a generator.

As WESA previously [reported](#), trash pickups in the city of Pittsburgh scheduled for today will instead be picked up on Monday.

Although the rapid temperature drop today may feel extreme but [you should've been around for the storms in 1895, 1907 and, especially, 2014](#), according to the weather service.

PITTSBURGH, PA – A massive winter storm moving eastward is expected to turn into a 'bomb cyclone' whose dangerous effects will be felt in Pittsburgh over the Christmas weekend.

The National Weather Service already has issued a high wind watch for all of Western Pennsylvania from late Thursday through Saturday morning. Expect southwest winds of 15 to 25 mph with gusts as high as 60 mph.

Damaging winds could blow down trees and power lines. Widespread power outages are possible. Travel could be difficult, especially for high profile vehicles.

A wind chill watch is in effect from Friday morning through Saturday afternoon, as wind chills as low as 25 degrees below zero are possible. Such dangerously cold wind chills could cause frostbite on exposed skin in as little as 30 minutes.

State College-based AccuWeather predicts that the storm, which already is causing travel delays in the Midwest, will strengthen into a bomb cycle. As it does, travel likely will grind to a halt in many areas as dangerous and life-threatening conditions unfold from the storm's high winds, snow and plunging temperatures.

Related video: Major winter storm brings plunging temperatures and gusting winds to millions (NBC News)

What is a bomb cyclone? In its simplest terms, a bomb cyclone is defined as a rapidly intensifying storm that triggers more severe impacts than what a weaker storm would generate.

The storm is not expected to bring much snow to the area, with one to two inches expected in the Pittsburgh metro area. But the weather service's prediction center emphasized that snow totals might not tell the whole story with this system.

"Even small snow amounts, when combined with very strong wind gusts and plummeting temperatures, can cause poor visibility and slick spots on roads, the prediction center warned via Twitter. "The sudden arrival of these conditions can increase the danger."

The weather service also warns that dangerous flash freezes are possible Friday morning as the system moves through and temperatures abruptly plummet.

Here's a timeline of when the hazards will have their greatest impact:

Temperatures are expected to fall to around four degrees by mid-day on Friday, with an overnight low of two. The high on Christmas Eve will be around 13 and the high on Christmas Day will be around 18.

The article [Pittsburgh To Be Impacted By Massive 'Bomb Cyclone' Winter Storm](#) appeared first on [Pittsburgh Patch](#).

# Pittsburgh weather: Dangerous wind chills, flash freeze and icy conditions set to slam region before Christmas



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It may end up being a white Christmas in the Pittsburgh region, but dangerously frigid temperatures and wind chills will steal the spotlight heading into the holiday weekend.

Historic cold and high winds will grip Western Pennsylvania starting Friday, prompting the National Weather Service to issue wind chill and high wind alerts as the region braces for the arrival of a powerful cold front and dipping jet stream that will drop temperatures below freezing as far south as Brownsville, Texas — and have a huge swath of the country below zero degrees.

Here's what to expect in our region.

## **High winds**

Strong winds are expected to start hitting the region Thursday evening, so a high wind watch has been put in place through Saturday afternoon.

The National Weather Service says our region will see winds between 15 and 25 mph, with gusts as high as 60 mph. Winds at those speeds can down trees and power lines, leading to widespread power outages.

Winds that high also can lead to travel restrictions on major roadways, especially for high-profile vehicles. The watch is expected to become an advisory or warning as the day progresses.

As temperatures drop, those strong winds will make it feel even colder than the air temperature, which leads to ...

### **Dangerously cold wind chills**

The weather service has placed the Pittsburgh region under a wind chill warning from 6 a.m. Friday through noon Saturday, meaning dangerously cold wind chills are likely.

The region can expect wind chills as low as 25 degrees below zero, which can cause frostbite on exposed skin in 30 minutes or less.

In the eastern ridges, the weather service says, wind chills could hit as low as 35 degrees below zero.

The combination of high winds and air temperatures in the single digits will create the exceedingly frigid combination.

This chart from the weather service breaks down what the air will feel like at different combinations of temperature and wind speeds. For example, when the temperature is 10 degrees and the wind is roaring at 30 mph, it will feel like it's 12 degrees below zero.

### **Rain/ice/snow transition**

Plummeting temperatures will present challenges across the region.

Light rain will move into the area Thursday night and start to give way to snow Friday morning. Up to 2 inches of snow is expected around the region, but the snow alone is not the biggest concern.

Beyond that, the bottom will fall out of the temperatures. Thursday highs in the low 40s will give way to temperatures in the teens and then single digits Friday, creating a so-called flash freeze.

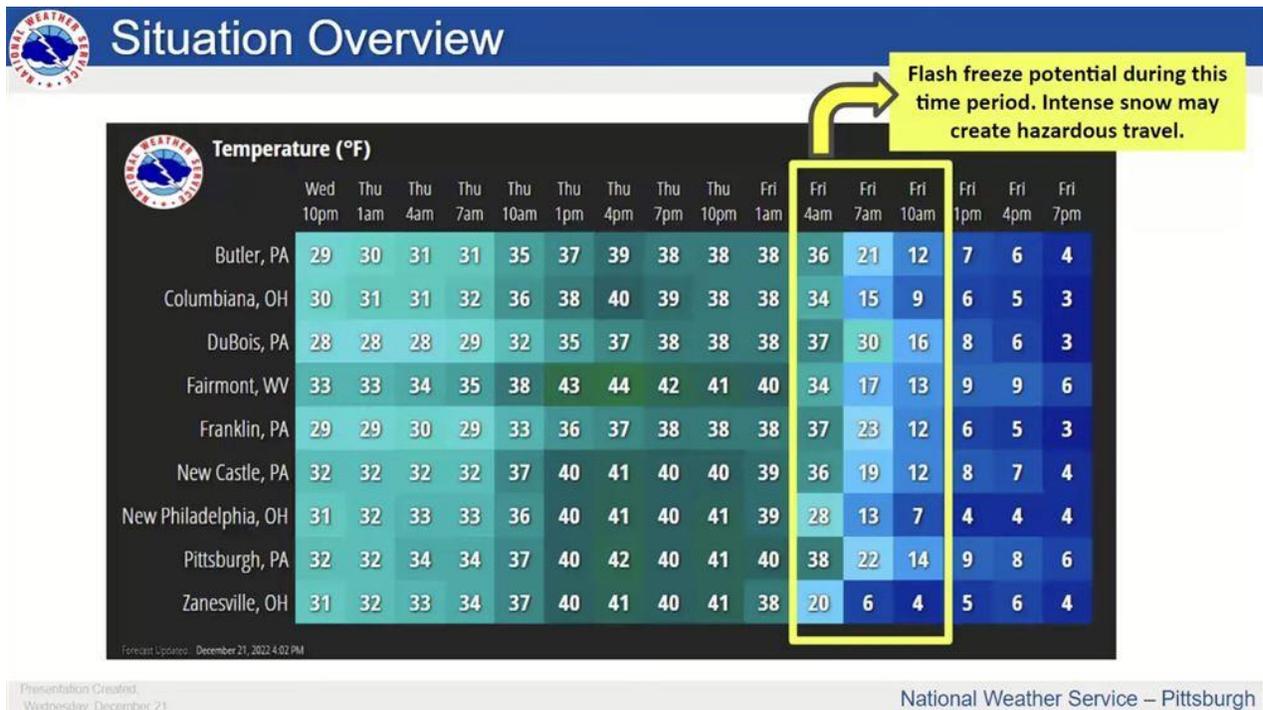
During that transition, snowfall rates could be intense in some areas.

“Even though we’re not expecting a snowfall total that’s extreme, you could see quick spurts of 1 to 2 inches in a short amount of time that could be hazardous for travel,” NWS Pittsburgh meteorologist Shannon Hefferan said.

The flash freeze will make it difficult for crews to treat area roadways. If treatments are put on the roads before the snow hits, the rain will wash it away and make it fruitless. But plunging temperatures and high winds mean any precipitation on the ground will harden to ice rapidly and create a layer of ice below any snow that falls.

The weather service says the flash freeze will occur Friday morning starting about 4 a.m. The temperature in Pittsburgh is expected to be about 38 degrees at that time and could drop to single digits by early afternoon.

Here’s the NWS breakdown of when the flash freeze is expected around the region.



### Air travel disruptions

The storm has already pummeled areas of the midwest as it sets eyes on the midwest and later the mid-Atlantic and Northeast, which means air travel disruptions are likely to increase as major hubs get hit.

As of about 1 p.m. Thursday, nearly 1,900 flights within, into or out of the country had been canceled, according to FlightAware, and more than 4,200 had been delayed.

Flights into and out of Pittsburgh International Airport had largely not been affected by the weather as of Thursday afternoon, but a few flights to and from major midwest hubs in Chicago, Denver and Minneapolis had been canceled. A handful of other flights were delayed.

Chicago O'Hare, a United Airlines and American Airlines hub; Denver International, a United and Southwest Airlines hub; and Chicago Midway, a Southwest operating center, had the most cancellations and delays in the country through early Thursday afternoon.

In short, if you're flying direct to your destination from Pittsburgh, you're likely in the clear Thursday. But if you have a layover, you'll want to check the status of your connecting flight to determine whether you should postpone your Pittsburgh departure so you don't get stranded in your connecting airport.

The FAA expected Thursday to be the busiest day for air travel this week, with more than 47,000 scheduled flights.

### **Traveling by vehicle**

Almost 102 million Americans plan to drive to their holiday destinations, [AAA found](#), an increase of 2 million drivers when compared to last year. Those numbers are on par with what was seen in 2018, but are shy of the 108 million Americans who drove out of town in 2019.

The most congested days on the road this year are expected to be Friday, and then Dec. 27 and 28.

The [Pennsylvania Turnpike on Thursday](#) issued speed restrictions between Exits 110 (Somerset) and 286 (Reading). The speed limit for all vehicles is 45 mph, and commercial vehicles are restricted to traveling in the right lane only between those exits.

Rain, freezing rain and snow began hitting portions of central Pennsylvania early Thursday morning as the storm system began creeping up from the southwest.

### **Pittsburgh Public Schools closed**

Pittsburgh Public Schools announced Thursday afternoon that the district will be closed Friday because of the hazardous weather.

Classes will resume Tuesday, Jan. 3 after the winter break.

### **Why is this happening?**

This system all started farther north, as frigid air collected over the snow-covered ground in the Arctic, Ryan Maue, a private meteorologist in the Atlanta area, told the Associated Press.

Then the jet stream — wobbling air currents in the middle and upper parts of the atmosphere — began pushing this cold pool down into the U.S.

As this arctic air is pushed into the warmer, moister air ahead of it, the system can quickly develop into serious weather — including what's known as a "bomb cyclone," a fast-developing storm in which atmospheric pressure falls very quickly over 24 hours.

These severe weather events usually form over bodies of water, which have lots of warmth and moisture to feed the storm, Mr. Maue said. But with the huge amount of cold air coming through, we could see a rare bomb cyclone forming over land.

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