

SUMMARY OF WEATHER SERVICES

Prepared For:

**WELLSBORO AREA SCHOOL DISTRICT,
PENNSYLVANIA**

Prepared By:



Your Front Against Weather



Thursday, August 10, 2023

Attn: Mrs. Alanna Huck
Wellsboro Area School District
570-724-4424
ahuck@wellsborosd.org

Dear Mrs. Huck,

The enclosed information is presented to you and the Wellsboro Area School District on behalf of Nathan Wiles of ***Wiles Valley Weather***.

Our services will ensure localized coverage for disruptive weather events that may lead to hazardous travel conditions across the district footprint. With access to critical weather information along with unlimited support from our team of meteorologists, our goal is to create a weather-ready environment in hopes to improve the planning and safety of your students and staff during inclement weather.

I am excited to have this opportunity to introduce my weather services to the Wellsboro Area School District and I look forward to developing a strong relationship with your team and forecasting the future to come.

Sincerely,

Nathan Wiles
Nathan Wiles
Owner / Chief Meteorologist
Wiles Valley Weather

Mission Statement: To deliver an unmatched, comprehensive weather service that will greatly enhance safety and reduce exposure to changing outdoor conditions.



Summary of Services

Forecast Distribution (Winter Weather)

- ✿ Subscribed contacts within the signing party will receive forecasts via the mobile app.
- ✿ Alerts are issued:
 - Up to 48 hours prior to the anticipated arrival of snow, sleet, and/or freezing rain
 - Up to 72 hours prior to snow events over 10.0"
 - Updates may be provided up to twice daily at the discretion of the meteorologist

Product Thresholds:

- ✿ Winter Weather, which may result in a **twenty percent (20%)** chance or greater threat of accumulating snow, sleet, and/or ice.
- ✿ Freezing Fog, which may result in at least isolated coverage of black ice
- ✿ Flash Freeze or Freeze-Up of wet surfaces following a rain or snow melt, which may result in at least scattered coverage of black ice
- ✿ River Flooding following a large-scale snowpack melt, which may result in river levels near Moderate Flood Stage or greater.

Forecast Distribution (Severe Weather)

- 💧 Subscribed contacts within the signing party will receive forecasts via the mobile app.
- 💧 Alerts are issued:
 - Up to 36 hours prior to the anticipated threat of **severe weather**
 - Up to 72 hours prior to the anticipated arrival of **excessive rainfall**
 - Up to 24 hours prior to the anticipated threat of **unhealthy air quality**

Product Thresholds:

- 💧 Severe weather, which may result in scattered coverage of wind damage, scattered large hail (1.0" in diameter or greater), and/or isolated tornadoes
- 💧 Excessive rainfall, which may result in:
 - Isolated coverage of stream and/or creek flooding, and/or minor river flooding
 - Scattered coverage of poor-drainage / roadway flooding
- 💧 Air quality, which may exceed an average AQI of 150 (Unhealthy) for a 24-hour period

Weather Consultation

- Weather consultation (conducted via phone or teleconference) must be prearranged for discussion of information outlined within the issued forecast.
- Unlimited e-mail or mobile app communications for additional decision support.



**WILES VALLEY
WEATHER**

Cost of Services

	Summer Services	Winter Services	Year-Round Coverage
Severe Alerts	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Winter Alerts	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Winter Outlooks	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Consultation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Mobile App	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Contacts Included	2	3	5
Annual Cost	\$650.00	\$1,295.00	\$1,500.00
	March - November	November - April	Annual

Clients We Serve



SUMMARY OF WEATHER SERVICES

Prepared For:

**WELLSBORO AREA SCHOOL DISTRICT,
PENNSYLVANIA**

Prepared By:



**WILES VALLEY
WEATHER**

Your Front Against Weather



Thursday, August 10, 2023

Attn: Mrs. Alanna Huck
Wellsboro Area School District
570-724-4424
ahuck@wellsborosd.org

Dear Mrs. Huck,

The enclosed information is presented to you and the Wellsboro Area School District on behalf of Nathan Wiles of ***Wiles Valley Weather***.

Our services will ensure localized coverage for disruptive weather events that may lead to hazardous travel conditions across the district footprint. With access to critical weather information along with unlimited support from our team of meteorologists, our goal is to create a weather-ready environment in hopes to improve the planning and safety of your students and staff during inclement weather.

I am excited to have this opportunity to introduce my weather services to the Wellsboro Area School District and I look forward to developing a strong relationship with your team and forecasting the future to come.

Sincerely,

Nathan Wiles

Nathan Wiles
Owner / Chief Meteorologist
Wiles Valley Weather

Mission Statement: To deliver an unmatched, comprehensive weather service that will greatly enhance safety and reduce exposure to changing outdoor conditions.



**WILES VALLEY
WEATHER**

Summary of Services

Forecast Distribution (Winter Weather)

- ✳ Subscribed contacts within the signing party will receive forecasts via the mobile app.
- ✳ Alerts are issued:
 - Up to 48 hours prior to the anticipated arrival of snow, sleet, and/or freezing rain
 - Up to 72 hours prior to snow events over 10.0"
 - Updates may be provided up to twice daily at the discretion of the meteorologist

Product Thresholds:

- ✳ Winter Weather, which may result in a **twenty percent (20%)** chance or greater threat of accumulating snow, sleet, and/or ice.
- ✳ Freezing Fog, which may result in at least isolated coverage of black ice
- ✳ Flash Freeze or Freeze-Up of wet surfaces following a rain or snow melt, which may result in at least scattered coverage of black ice
- ✳ River Flooding following a large-scale snowpack melt, which may result in river levels near Moderate Flood Stage or greater.

Forecast Distribution (Severe Weather)

- 💧 Subscribed contacts within the signing party will receive forecasts via the mobile app.
- 💧 Alerts are issued:
 - Up to 36 hours prior to the anticipated threat of **severe weather**
 - Up to 72 hours prior to the anticipated arrival of **excessive rainfall**
 - Up to 24 hours prior to the anticipated threat of **unhealthy air quality**

Product Thresholds:

- 💧 Severe weather, which may result in scattered coverage of wind damage, scattered large hail (1.0" in diameter or greater), and/or isolated tornadoes
- 💧 Excessive rainfall, which may result in:
 - Isolated coverage of stream and/or creek flooding, and/or minor river flooding
 - Scattered coverage of poor-drainage / roadway flooding
- 💧 Air quality, which may exceed an average AQI of 150 (Unhealthy) for a 24-hour period

Weather Consultation

- Weather consultation (conducted via phone or teleconference) must be prearranged for discussion of information outlined within the issued forecast.
- Unlimited e-mail or mobile app communications for additional decision support.



Cost of Services

	Summer Services	Winter Services	Year-Round Coverage
Severe Alerts	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Winter Alerts	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Winter Outlooks	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Consultation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Mobile App	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Contacts Included	2	3	5
Annual Cost	\$650.00	\$1,295.00	\$1,500.00
	March - November	November - April	Annual

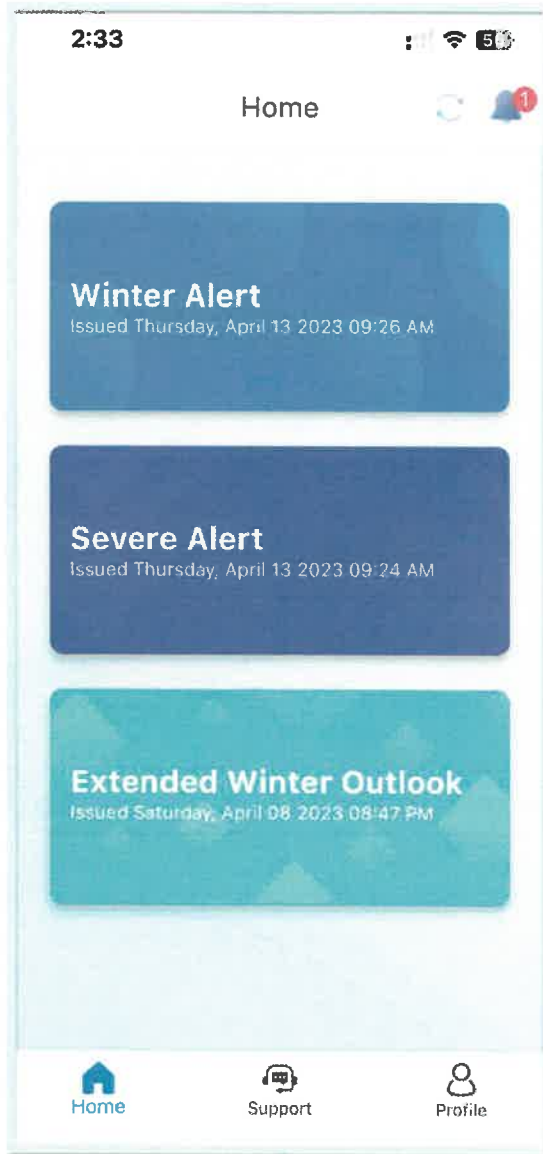
Clients We Serve



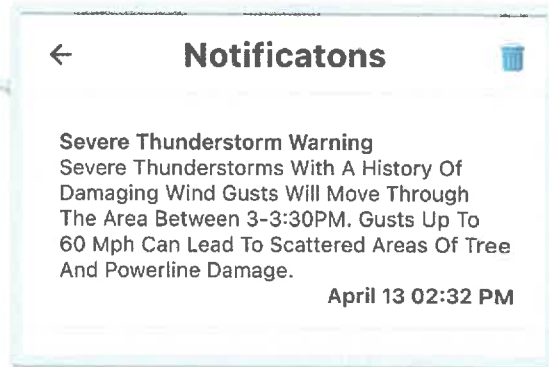


Mobile Application

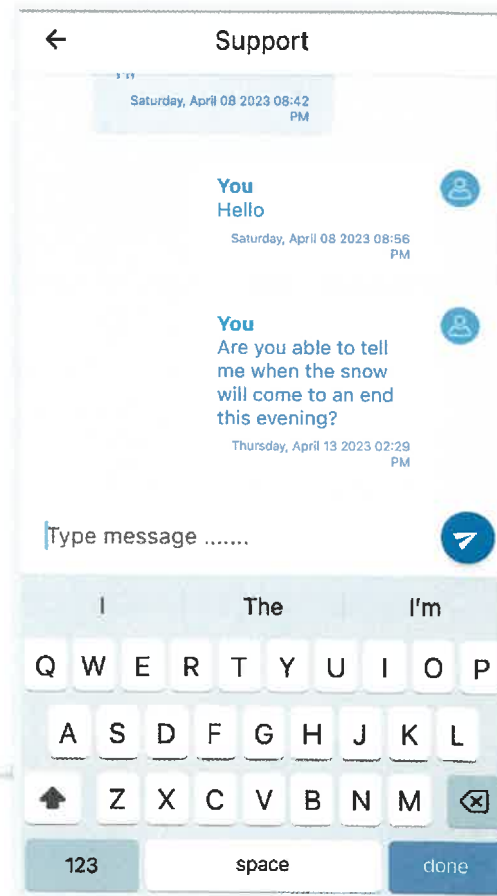
HOME SCREEN



PUSH NOTIFICATIONS



LIVE SUPPORT CHAT





**WILES VALLEY
WEATHER**

Winter Alert

Features:

- Event Snow and Ice Accumulations
- Travel and Power Impact forecast
- Event Start and End Times
- Pavement Accumulation forecast
- Timing of 1st inch on pavements
- Event Summary and Hazards

Athens Borough, PA

Total Snow 2.5 - 5.0"	Total Ice None
Travel Impacts Low	Power Impacts Minimal

WINTER STORM ARRIVES LATE THIS AFTERNOON / EVENING

Start Time Today 4 - 5PM	End Time Monday 5 - 7AM
Pavement Forecast 1.0 - 2.5"	First Inch (Pavement) 10PM - 12AM

Today
Tonight
Monday

39° F

Wind G 15 mph	Snow 75% C	Ice N/A 0%
-------------------------	----------------------	----------------------

Increasing clouds. Flurries or light snow develops towards 4 or 5PM.

Temperature: High: 37 - 39

Wind: S 5 - 10 mph, Gusts 15 mph

Snow: 75% Chance for a Coating (colder/grassy surfaces)

Ice: None

Summary: Flurries or light snow arrives late this afternoon and remain fairly light throughout the evening. Given the marginal temperatures, pavements likely struggle to accumulate until later tonight... There is a good possibility that the more moderate intensities may be delayed until after Midnight with steady snow through dawn before activity tapers to flurries. Any additional light snow during the day on Monday should favor normally colder surfaces.

Event Hazard(s): Snowfall rates up to 0.5"/hr tonight

Next Update: This Afternoon (2 - 4PM)



Extended Winter Outlook

Features:

- Two-week Temperature Outlook
- Two-week Precipitation Outlook
- Plowable / Saltable Event forecast
- Weekly Event Summaries
- Runs Mid-Nov through April

Week 1 Outlook

Period **3/27 – 4/1**

Temperature Outlook
Near - Above Avg

Precipitation Outlook
Average

Potential Salting Events
1 - 2

Potential Plowable Events
0

Week 1 Summary

- Temperatures bounce above and below normal this week; rising well above normal Saturday.
- A mix with snow tonight (Monday night) may result in some grassy coatings of snow. A slight chance for a freeze-up of wet surfaces exists early Tuesday morning. (Salting event possible)
- A strong cold front will bring moderate snow showers early Wednesday night along with gusts to 40 mph. Temps immediately fall well below freezing behind the front. (Salting event possible)
- The Friday-Saturday system may bring a brief mix with snow Friday morning and again Saturday night. No accumulations anticipated. Damaging wind gusts are possible Saturday.

Week 2 Outlook

Period **4/2 – 4/8**

Temperature Outlook
Average

Precipitation Outlook
Near - Below Avg

Potential Salting Events
0 - 1

Potential Plowable Events
0

Week 2 Summary

- Cooler conditions Sunday with temperatures averaging around normal for the period.
- A mid-week weather system should bring mostly rain to the area, although a mix with freezing rain is not ruled out at the onset of precipitation. (Salting event not ruled out)
- Generally quiet conditions otherwise with limited opportunities for precipitation.

Forecast Confidence: *Low confidence surrounding the Week 2 temperature forecast due to the uncertainty of a back-door cold front that could bring cooler than normal conditions. Overall, confidence is increasing for a further reduction of serviceable winter events.*



**WILES VALLEY
WEATHER**

Severe Alert

Features:

- Flooding and Severe Weather Hazard forecasts
- Event Rainfall forecast
- Event timing
- Detailed Event Narrative

Stroudsburg, PA

Rain Amount **0.25 - 0.50"**

Flooding
Minimal

Wind Damage
Moderate

Large Hail
Minimal

Tornado
Low

**Strong to Severe Thunderstorms
Likely This Afternoon / Evening**

Time of Concern: Today 5:30 - 11PM

Primary Hazard(s): Damaging Wind Gusts to 60 mph

Discussion: Severe thunderstorms are ongoing in western PA and are anticipated to reach the area around 5:30/6:30PM today. The primary concern is for straight line damaging wind gusts up to 60 mph in the strongest storms, which can result in scattered reports of tree and powerline damage. There is now also a slight chance for an isolated tornado within the county area along with small hail (although the higher tornado risk is mostly focused to our south and east).

Next update: None Scheduled