

# NWS Pittsburgh

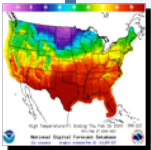
## Briefing for Garrett County MD

Winter Storm Thursday - Sunday

Update #1

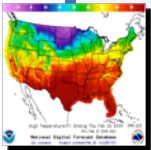
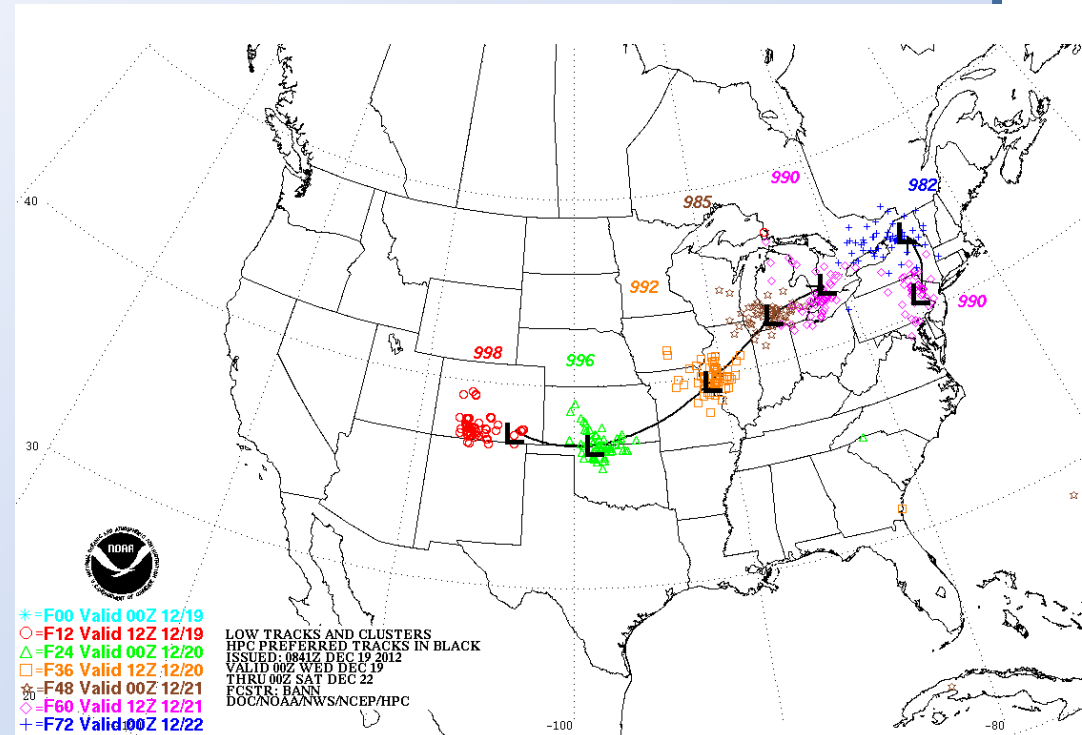
Fred McMullen

Warning Coordination Meteorologist



# Overview

- Low pressure will track across the Great Lakes while cold air behind the strong system will create a period of snow for Garrett County along with very windy conditions.



# Timing

## ➤ Precipitation

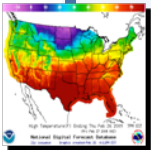
- *Rain will start mid afternoon Thursday than switch to snow early Friday morning (between 12am – 3am). Earlier on the higher elevations.*
- *Snow will continue through Saturday.*
- *The period of heaviest snow will be during the day Friday.*

## ➤ Winds

- *Winds will pick Thursday night and remain strong through Saturday morning. Gusts to 45 mph are likely.*

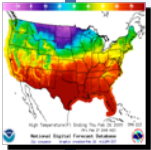
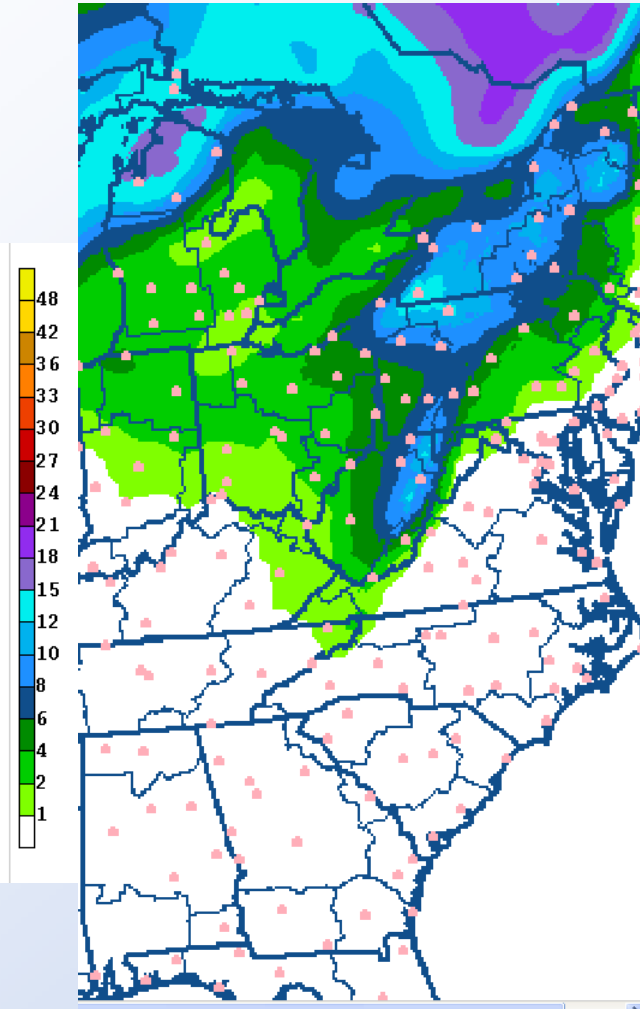
## ➤ Dry Weather Sunday – Christmas Eve

- **Potential for heavy rain (greater than an inch) next Wednesday and Thursday) Flooding?**



# Snowfall forecast

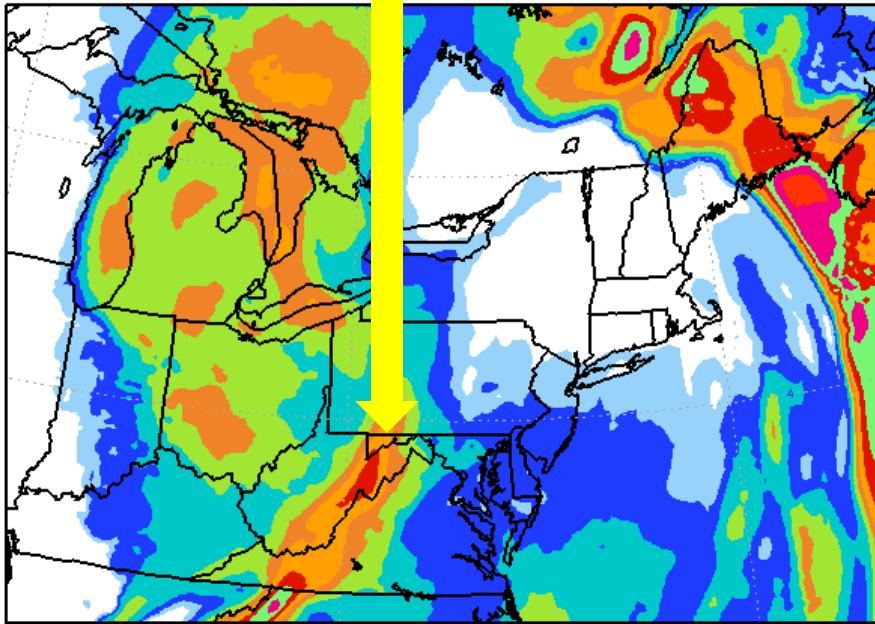
National Weather Service  
*Protecting Lives and Property*



# Possible Wind Gusts

Possible Wind Gusts to  
60 mph Thursday 11pm

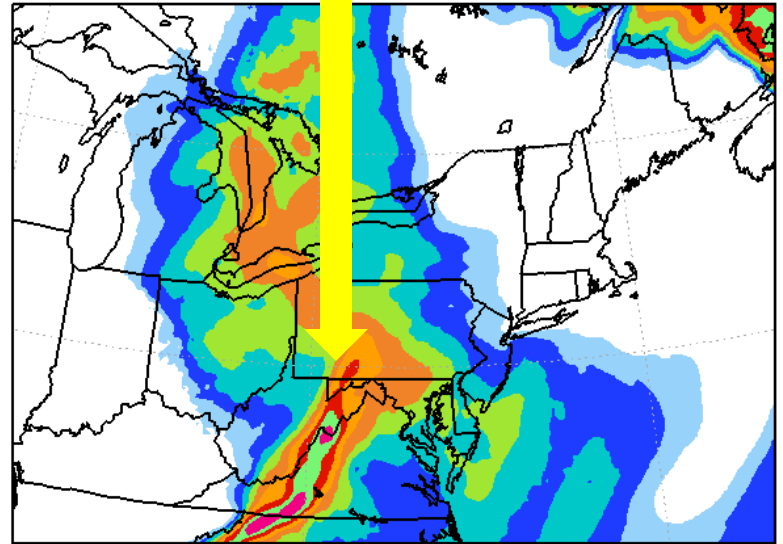
10-M WND GUST NAM 6 H FCST VALID 03Z 22 DEC 2012



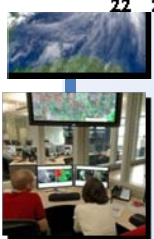
22 26 30 34 38 42 46 50 54 58 62 66 70 74 78 82 86 90

Continued possible  
Wind Gusts to 60 mph  
Friday at 10am

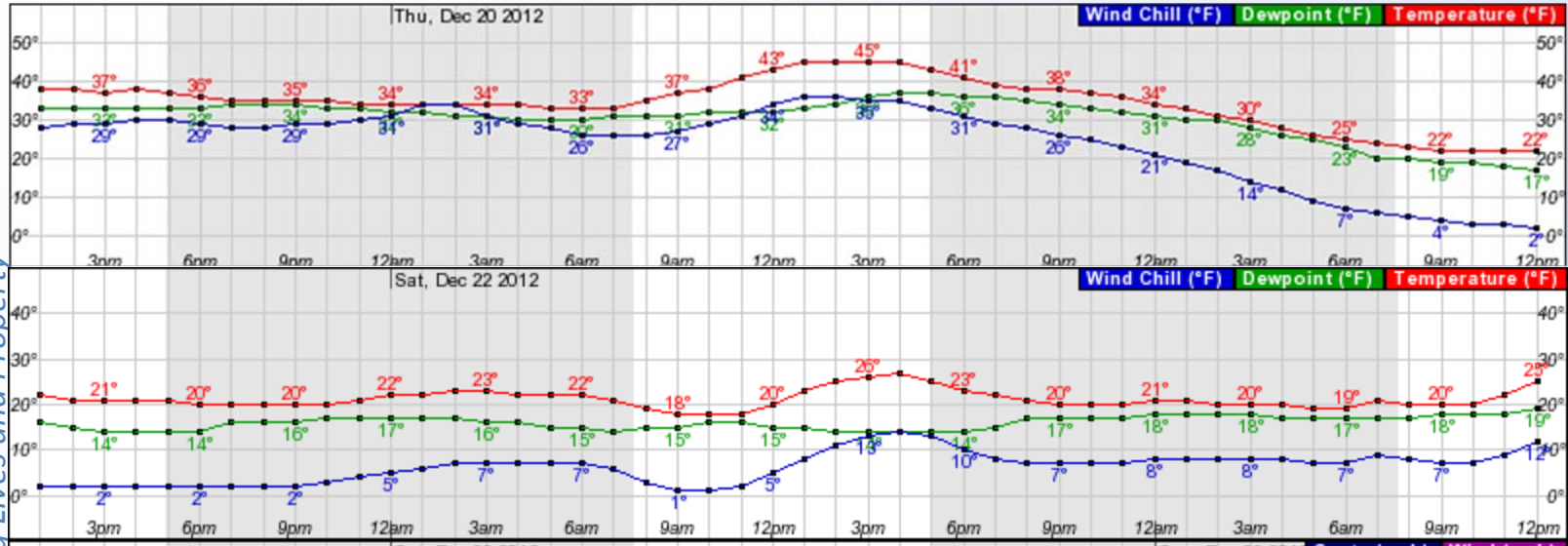
10-M WND GUST NAM 6 H FCST VALID 15Z 22 DEC 2012



22 26 30 34 38 42 46 50 54 58 62 66 70 74 78 82 86 90



# Wind Chill



## NWS Windchill Chart



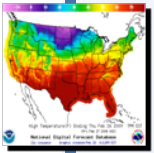
		Temperature (°F)																		
		Cal	40	35	30	25	20	15	10	5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45
Wind (mph)	5	36	31	25	19	13	7	1	-5	-11	-16	-22	-28	-34	-40	-46	-52	-57	-63	-69
	10	34	27	21	15	9	3	-4	-10	-16	-22	-28	-35	-41	-47	-53	-59	-66	-72	-78
	15	32	25	19	13	6	0	-7	-13	-19	-26	-32	-39	-45	-51	-58	-64	-71	-77	-83
	20	30	24	17	11	4	-2	-9	-15	-21	-27	-33	-39	-45	-51	-57	-63	-69	-75	-81
	25	29	23	16	9	3	-4	-11	-17	-23	-29	-35	-41	-47	-53	-59	-65	-71	-77	-83
	30	28	22	15	8	1	-5	-12	-18	-24	-30	-36	-42	-48	-54	-60	-66	-72	-78	-84
	35	28	21	14	7	0	-7	-14	-20	-26	-32	-38	-44	-50	-56	-62	-68	-74	-80	-86
	40	27	20	13	6	-1	-8	-15	-22	-28	-34	-40	-46	-52	-58	-64	-70	-76	-82	-88
	45	26	19	12	5	-2	-9	-16	-23	-30	-37	-44	-51	-58	-65	-72	-79	-86	-93	-99
	50	26	19	12	4	-3	-10	-17	-24	-31	-38	-45	-52	-60	-67	-74	-81	-88	-95	-102
55	25	18	11	4	-3	-11	-18	-25	-32	-39	-46	-54	-61	-68	-75	-82	-89	-97	-104	
60	25	17	10	3	-4	-11	-19	-26	-33	-40	-48	-55	-62	-69	-76	-84	-91	-98	-105	

Frostbite Times: 30 minutes (light blue), 10 minutes (medium blue), 5 minutes (dark blue)

$$\text{Wind Chill (°F)} = 35.74 + 0.6215T - 35.75(V^{0.16}) + 0.4275T(V^{0.16})$$

Where, T= Air Temperature (°F) V= Wind Speed (mph)

Effective 11/01/01



# Preparations

- **Final preparations for the strong winds, heavy rain, and blizzard conditions need to be made early today.**
- **Suggested precautionary/preparedness actions:**
  1. *Avoid unnecessary travel Friday and Saturday*
  2. *Fuel up your vehicles and have extra cash available*
  3. *If have a generator, assure you have adequate fuel on hand.*
  4. *To prepare for the possibility of prolonged power outages, make sure you have a supply of fresh batteries and a supply of candles or flashlights on hand.*
  5. *Be sure to have several days of fresh water on hand for drinking and cooking.*
  6. *Secure or store loose items outside as they could become airborne in strong winds.*
  7. *If you have limited mobility or know of someone who may be disabled, consider arranging for temporary shelter if they live in an area that may flood or could lose.*
  8. *Do not run generators inside*

