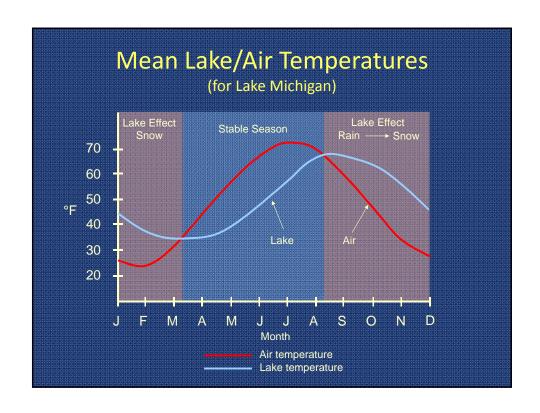
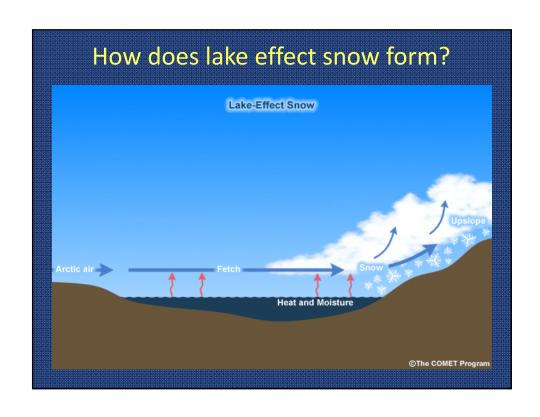


Presentation Outline Topics

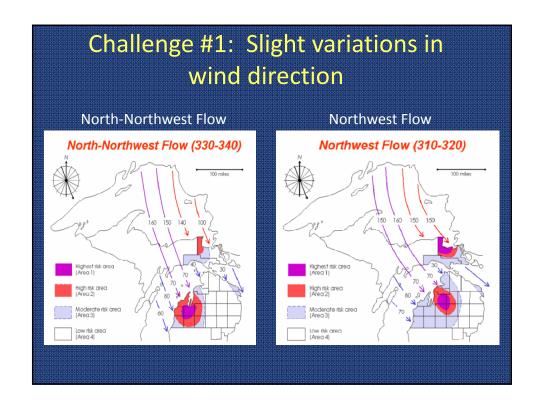
- An overview of lake effect snow
- Forecast challenges
- Winter Weather tips
- Sneak peak at the upcoming winter

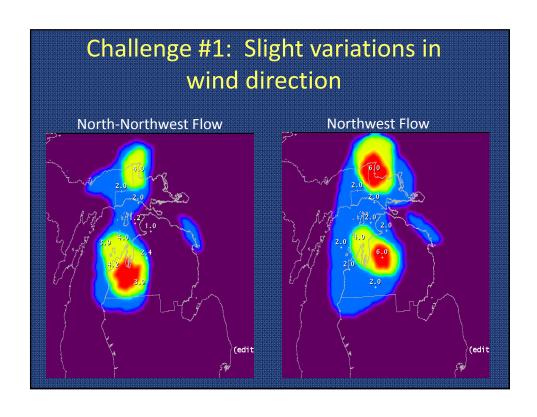




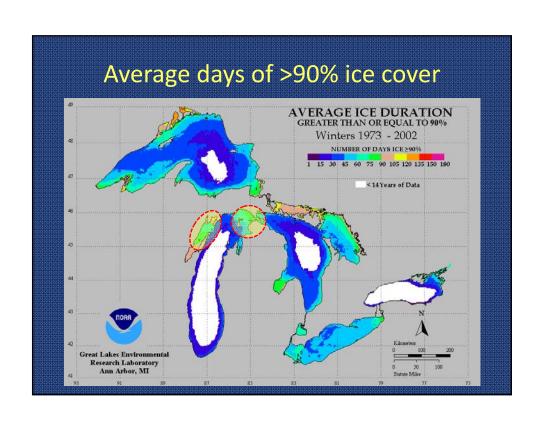






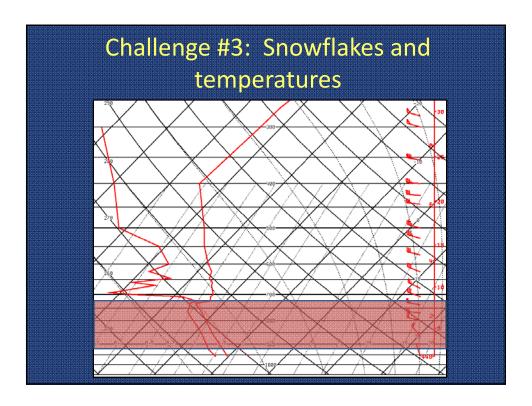












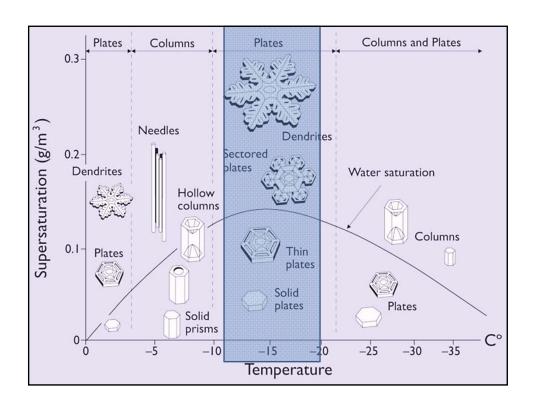




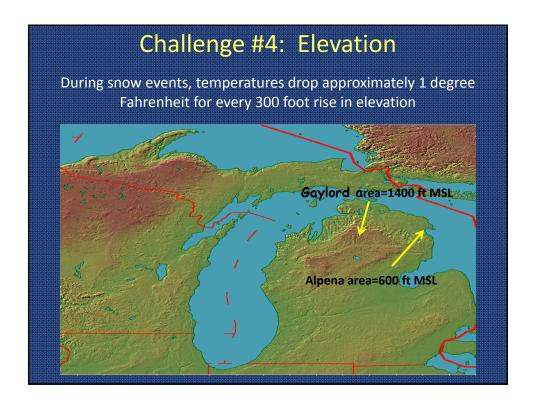
<u>But</u> as temperatures around 5000 feet fall below -20 degrees Celsius, snowfall intensity and accumulation generally drops off as snowflake size gets smaller.

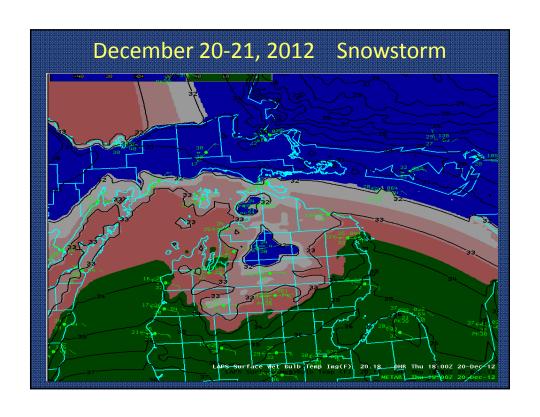
As temperatures aloft get colder, snowflakes become less dense (fluffier). Less dense snowflakes may accumulate more quickly.



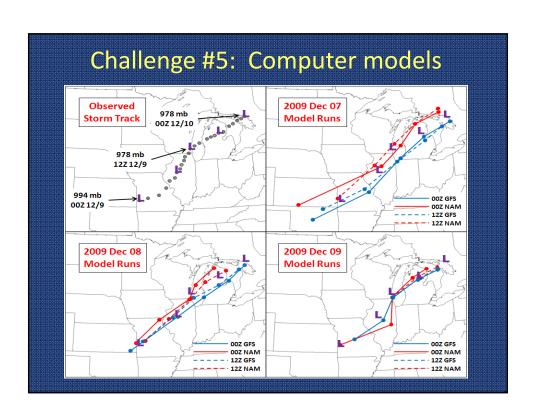


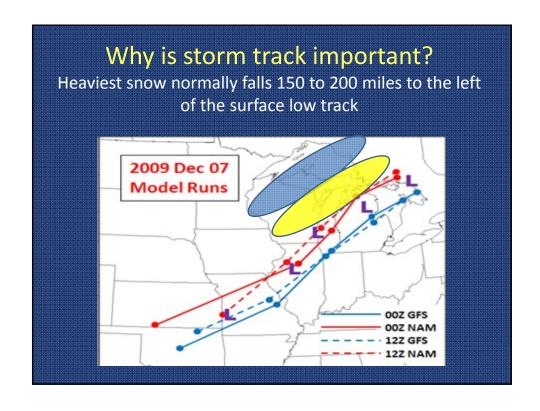


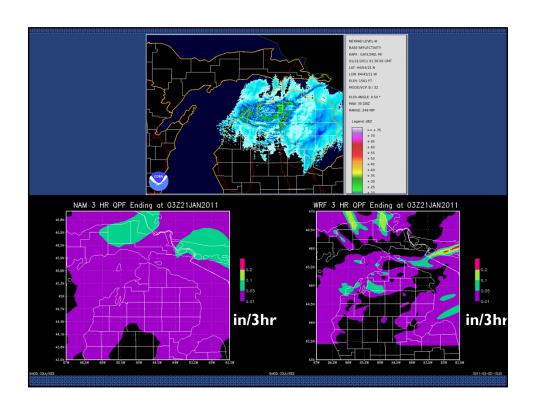


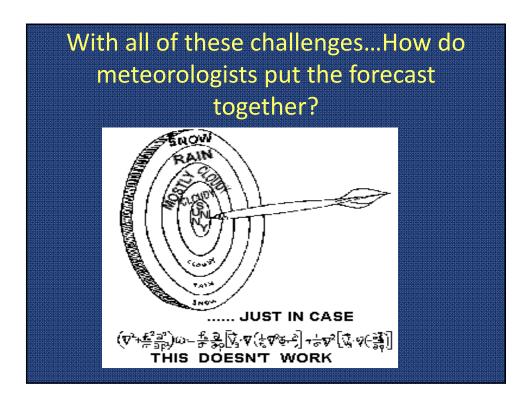


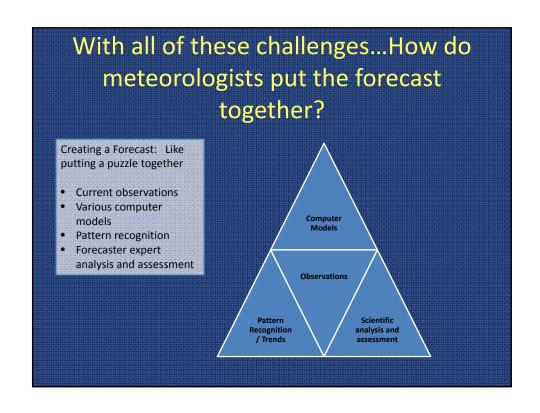
						-1					
		Gay	/lord U	bservat	ions	Eleva	tion 1400	J teet			
9:53 AM	32.0 °F 24.2 °F	30.0 °F	92%	29.74 in	0.5 mi	East	9.2 mph	20.7 mph	0.04 in	Fog , Snow	Snow
0:53 AM	32.0 °F 23.6 °F	30.9 °F	96%	29.71 in	0.2 mi	East	10.4 mph	19.6 mph	0.07 in	Fog , Snow	Snow
1:53 AM	32.0 °F 24.2 °F	30.9 °F	96%	29.64 in	0.2 mi	East	9.2 mph	25.3 mph	0.11 in	Fog , Snow	Snow
2:36 PM	33.8 °F 24.8 °F	30.2 °F	87%	29.52 in	0.5 mi	East	12.7 mph	20.7 mph	0.04 in	Fog , Snow	Snow
:31 PM	32.0 °F 22.5 °F	30.2 °F	93%	29.44 in	0.2 mi	East	12.7 mph	24.2 mph	0.03 in	Fog , Snow	Snow
	1011111111111111111111111111	30.9 °F	96%	29.43 in	-	East	17.3 mph	31.1 mph	0.05 in	Snow	Snow
0:54 AM	32.0 °F 20.8 °F	Alp					ion 600 f		0.00 in	Pain	Land Date
0:54 AM	35.1°F 24.5°F	Alp	92%	29.80 in	5.0 mi	ESE	ion 600 f	eet 27.6 mph	0.00 in	Rain	Light Rain
0:54 AM 1:11 AM	35.1 °F 24.5 °F 36.6 °F 24.8 °F	Alp 33.1 °F 33.8 °F	92% 93%	29.80 in 29.76 in	5.0 mi 2.0 mi	ESE ESE			0.03 in	Rain Rain , Snow	Light Rain Light Rain
0:54 AM 1:11 AM 1:17 AM	35.1 °F 24.5 °F 35.6 °F 24.8 °F 33.8 °F 22.8 °F	Alp 33.1 °F 33.8 °F 33.8 °F	92% 93% 100%	29.80 in 29.76 in 29.76 in	5.0 mi 2.0 mi 1.5 mi	ESE ESE ESE	18.4 mph 19.6 mph 18.4 mph	27.6 mph 33.4 mph 31.1 mph	0.03 in 0.05 in	Rain , Snow	Light Rain Light Rain
D:54 AM 1:11 AM 1:17 AM 1:38 AM	36.4 °F 24.6 °F 35.6 °F 24.6 °F 33.8 °F 22.8 °F 33.8 °F 25.2 °F	Alp 33.1 °F 33.8 °F 33.8 °F	92% 93%	29.80 in 29.76 in 29.76 in 29.74 in	5.0 mi 2.0 mi	ESE ESE ESE ESE	18.4 mph 19.6 mph	27.6 mph 33.4 mph	0.03 in	Rain , Snow	Light Rain
0:54 AM 1:11 AM 1:17 AM 1:38 AM 1:48 AM	35.1 °F 24.5 °F 35.6 °F 24.6 °F 33.8 °F 22.8 °F 33.8 °F 23.2 °F 33.8 °F 23.5 °F	Alp 33.1 °F 33.8 °F 33.8 °F	92% 93% 100%	29.80 in 29.76 in 29.76 in	5.0 mi 2.0 mi 1.5 mi	ESE ESE ESE	18.4 mph 19.6 mph 18.4 mph	27.6 mph 33.4 mph 31.1 mph	0.03 in 0.05 in	Rain , Snow	Light Rain Light Rain
0:54 AM 1:11 AM 1:17 AM 1:38 AM 1:48 AM	36.4 °F 24.6 °F 35.6 °F 24.6 °F 33.8 °F 22.8 °F 33.8 °F 25.2 °F	Alp 33.1 °F 33.8 °F 33.8 °F	92% 93% 100% 93%	29.80 in 29.76 in 29.76 in 29.74 in	5.0 mi 2.0 mi 1.5 mi 0.8 mi	ESE ESE ESE ESE	18.4 mph 19.6 mph 18.4 mph 17.3 mph	27.6 mph 33.4 mph 31.1 mph 31.1 mph	0.03 in 0.05 in 0.09 in	Rain , Snow Rain , Snow Snow	Light Rain Light Rain Light Snow
D:54 AM 1:11 AM 1:17 AM 1:38 AM	35.1 °F 24.5 °F 35.6 °F 24.6 °F 33.8 °F 22.8 °F 33.8 °F 23.2 °F 33.8 °F 23.5 °F	Alp 33.1 °F 33.8 °F 33.8 °F 32.0 °F	92% 93% 100% 93% 93%	29.80 in 29.76 in 29.76 in 29.74 in 29.73 in	5.0 mi 2.0 mi 1.5 mi 0.8 mi 0.2 mi	ESE ESE ESE ESE	18.4 mph 19.6 mph 18.4 mph 17.3 mph 16.1 mph	27.6 mph 33.4 mph 31.1 mph 31.1 mph 25.3 mph	0.03 in 0.05 in 0.09 in 0.12 in	Rain , Snow Rain , Snow Snow Fog , Snow	Light Rain Light Rain Light Snow Heavy Snow
0:54 AM 1:11 AM 1:17 AM 1:38 AM 1:48 AM	35.4 °F 24.5 °F 35.6 °F 24.8 °F 33.8 °F 22.6 °F 33.8 °F 23.2 °F 33.8 °F 23.5 °F 33.4 °F 24.9 °F	Alp 33.1 °F 33.8 °F 33.8 °F 32.0 °F 30.9 °F	92% 93% 100% 93% 93% 92%	29.80 in 29.76 in 29.76 in 29.74 in 29.73 in 29.74 in	5.0 mi 2.0 mi 1.5 mi 0.8 mi 0.2 mi	ESE ESE ESE ESE ESE ESE	18.4 mph 19.6 mph 18.4 mph 17.3 mph 16.1 mph 18.4 mph	27.6 mph 33.4 mph 31.1 mph 31.1 mph 25.3 mph 27.6 mph	0.03 in 0.05 in 0.09 in 0.12 in	Rain , Snow Rain , Snow Snow Fog , Snow Fog , Snow	Light Rain Light Rain Light Snow Heavy Snow Heavy Snow
0:54 AM 1:11 AM 1:17 AM 1:38 AM 1:48 AM 1:54 AM 2:06 PM	35.4 °F 24.5 °F 35.6 °F 24.8 °F 33.6 °F 22.8 °F 33.8 °F 23.2 °F 33.6 °F 23.5 °F 33.4 °F 21.9 °F 33.8 °F 22.8 °F	33.1 °F 33.8 °F 33.8 °F 32.0 °F 32.0 °F 30.9 °F	92% 93% 100% 93% 93% 92% 93%	29.80 in 29.76 in 29.76 in 29.74 in 29.73 in 29.74 in 29.70 in	5.0 mi 2.0 mi 1.5 mi 0.8 mi 0.2 mi 0.2 mi 0.5 mi	ESE ESE ESE ESE ESE ESE ESE	18.4 mph 19.6 mph 18.4 mph 17.3 mph 16.1 mph 18.4 mph 18.4 mph	27.6 mph 33.4 mph 31.1 mph 31.1 mph 25.3 mph 27.6 mph 25.3 mph	0.03 in 0.05 in 0.09 in 0.12 in 0.14 in 0.03 in	Rain , Snow Rain , Snow Snow Fog , Snow Fog , Snow Fog , Snow	Light Rain Light Rain Light Snow Heavy Snow Heavy Snow Snow



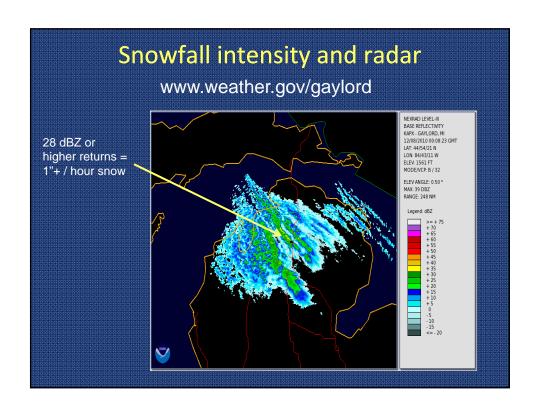


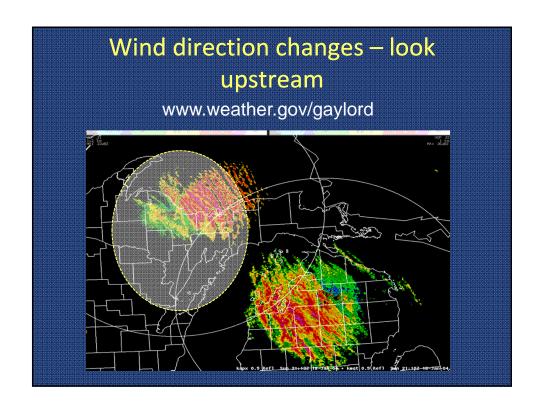


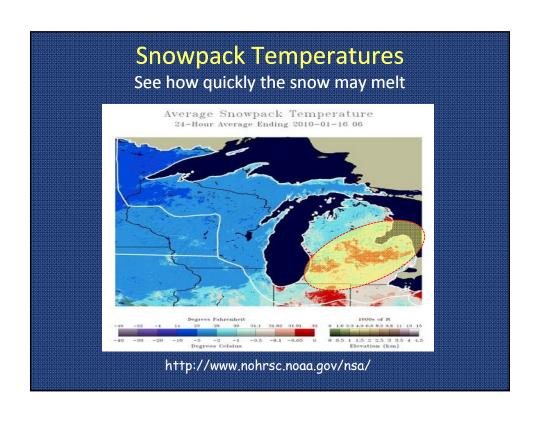














Weather alerts on your phones http://inws.wrh.noaa.gov/ When creating an iNWS Alerts alert area, what types of NWS products fall into each weather category? Severe - Severe Weather, Tornado (SVR, SVS, TOR, WCN) Winter Weather - Blizzard, Snow, Winter Storm, Winter Weather, Ice Storm, Avalanche (WSW, AVA, AVW, SAB) Hydrology - Flash Flood, Flood, Areal Flood (FFA, FFS, FFW, FLS, FLW) Fire Weather - Red Flag, Rangeland Fire Danger (RFW, RFD) Marine Weather - Lake Wind, Marine, Small Craft, Hazardous Seas (CWF, MWS, NSH, GLF, SMW, OFF, MWW) Coastal Hazards - Tsunami, Costal Flooding, High Surf (CFW, LSH, TSU) Tropical Weather - Hurricane, Tropical Storm, Hurricane Winds (HLS, TCM, TCP, TCV) Aviation - Aviation Weather Warnings (AWW) Non-Precipitation - High Wind, Fog, Frost, Freeze, Dust (NPW, ASA) Civil Emergency - 911 Outage, Evacuation, HazMat, Nuclear, Volcano (CAE, CDQ, CEM, EQW, EVI, FRW, HMW, LAE, etc.) Other - Special Weather Statement (SPS)



You can help us as well

The best warning information from the NWS occurs when we get real time snowfall/icing reports

The kinds of information we need:

Snowfall accumulations (especially overnight hours) Intense snow bands (1"+ per hour snowfall rates) Icing on roads or power lines

Anytime you can provide the NWS with current condition information, it is appreciated and helpful to the warning process

NWS Gaylord 989-732-9306 (24 hour direct forecaster number)



