



Northern Alaska Weather Spotter Guide

Provided by: National Weather Service, Fairbanks
www.weather.gov/fairbanks



To Report Observations:

Call: (907) 458-3708 or Email: fairbanks.weather@noaa.gov

My Spotter ID:

My Spotter #:

When Spotter Observations are needed:

Damaging Dust Devils



Funnel Clouds or Tornadoes



Is it rotating?

Heavy Rainfall more than...



0.50" in 1 hour
0.75" in 3 hours
1.00" in 6 hours

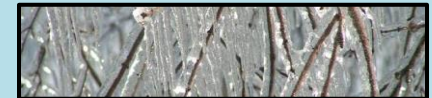


Heavy Snowfall
(anytime)
3" in 12 hours or less



Freezing Rain or Freezing Drizzle

Estimate the amount of ice accumulation on the road or surface (fraction of an inch)



Strong Winds (35 mph or stronger)

How to Estimate Wind Speed:

Speed

30-40 mph
40-50 mph
50-65 mph
65-80 mph
80-100 mph

Effect

Large trees in motion; whistling in overhead utility lines
Whole trees in motion; garbage cans/similar items blown over
Twigs/Small branches break off tree; Damage to fences/shingles
Large branches break off of trees; shallow rooted trees uprooted
Extensive tree/roof damage; trailer homes overturned



Volcanic Ash

Place snowboard outside when expecting volcanic ashfall.

Flooding

(swollen rivers due to rain, snow-melt or ice jam blockage)

Roads impassable due to high water

Streams or rivers **overflowing** their banks, any occurring or potential property damage?

Mudslides: Roads fully or partially blocked, property destroyed/damaged

Breakup: The **FIRST** occurrence when ice on the river is breaking up and moving.



Low Visibilities

1 mile or less
(please try to estimate)

Blowing Snow, Fog, or Smoke

SMOKE FOG

Hail

(any size, any time!)

Reference hail by coin size and not by marbles!

