

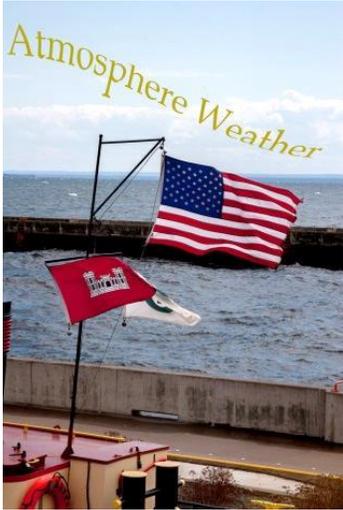
BLAINE AIRPORT PROMOTION GROUP

www.aneairport.org

TAKING YOUR AMBITIONS SKYWARD
8891 Airport Road C-2, Blaine MN. 55449
Fifth year of monthly publication!



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Cold weather survival is difficult to define and vary due to the specific circumstances and physical conditions of the person involved. In cold climate areas several factors play a part concerning personal safety.

The commonly called *wind chill factor* is the air temperature felt on the exposed skin due to wind. The human body loses heat through radiation, con-

vection, evaporation and conduction. The rate of heat loss to the exposed surface through convection (heat transfer) depends on the wind speed.

The exposed surface is heated by convection creating an insulating boundary layer of warm air against the exposed surface. Wind speed elevates the loss of the warm air layer giving the perception of lower temperatures and will rapidly increase the risk of frostbite at a rate of wind speed increase. During low temperatures hypothermia and frostbite will result from long exposure to wind on exposed surfaces. The chilling of exposed surfaces will result in the body to begin to restrict blood flow near the surface of the exposed tissue in an attempt to preserve core body temperature. The lack of blood flow to the area will eventually lead to freezing and death of the skin tissue in the affected area.

Hypothermia is the result of exposure to cold conditions on land or in water. Hypothermia can occur when body core temperatures drop from the average of 98.6° to around 95°. Warm dry clothing is required to keep exposed surfaces covered and to keep core temperature normal.

Rear Admiral Sir Francis Beaufort (1774—1857) was the creator of the *Beaufort Scale* for indicating wind force. The first versions were documented during his long career as an officer in Britain's Royal Navy. The content of his charts were

nothing new to seaman but by collecting information over a long period and documenting his findings he succeeded in getting others to adopt it as a standard when there was no existing standard. The Beaufort Scale is the basic measurable evaluation of wind force related to weather conditions.

Beaufort Scale

Beaufort number	Wind Speed (mph)	Seaman's term		Effects on Land
0	Under 1	Calm		Calm; smoke rises vertically.
1	1-3	Light Air		Smoke drift indicates wind direction; vanes do not move.
2	4-7	Light Breeze		Wind felt on face; leaves rustle; vanes begin to move.
3	8-12	Gentle Breeze		Leaves, small twigs in constant motion; light flags extended.
4	13-18	Moderate Breeze		Dust, leaves and loose paper raised up; small branches move.
5	19-24	Fresh Breeze		Small trees begin to sway.
6	25-31	Strong Breeze		Large branches of trees in motion; whistling heard in wires.
7	32-38	Moderate Gale		Whole trees in motion; resistance felt in walking against the wind.
8	39-46	Fresh Gale		Twigs and small branches broken off trees.
9	47-54	Strong Gale		Slight structural damage occurs; slate blown from roofs.
10	55-63	Whole Gale		Seldom experienced on land; trees broken; structural damage occurs.
11	64-72	Storm		Very rarely experienced on land; usually with widespread damage.
12	73 or higher	Hurricane Force		Violence and destruction.

Sportsmen, pilots, sailors, campers, mountain climbers and farmers all have a common interest in the daily and extended forecast of weather conditions.

Weather story

Linnell was camping with her family at a camp ground. About 4 A.M. Linnell woke up every one in her group and said that they needed to pack up quickly because there was a storm coming. As the group finished a hurried pack and were on the way out of the camp a huge storm hit the area. When asked how she recognized the danger she said "The leaves at the top of the cottonwood trees were rustling and that is not normal for that time of the night".

Warm dry clothing, food, and safety equipment should be tops on your list of survival planning gear where ever you travel, drive, go boating, lake ice fishing or flying. Enjoy the weather and the adventure!

Discover Aviation Days May 30 & 31, 2015



Volunteer support is vital to the success of the key areas that will make this event grow and be a showcase of a functioning airport. The event is about educating the general public on values of aviation to the community and "Connecting Blaine with the World".

It takes an enormous amount of dedication and energy to put this event together and host it for the visitors. The many areas that require support will include Mail, Car-Parking, Kids Activities, Traffic Control, Event Set-Up, Aircraft Rides, Parade and many more.

This is a "Fly-In" event. Visitors come to see the airplanes. This is a great opportunity to show the range of aircraft that use the Blaine Airport. The two day event will allow the time and space to showcase your plane adding a special feature of aviation for public viewing.

The DAD organization will be asking for donations as a registered 501 c (3) non-profit organization. Also sponsorship packages are being made available for prospective sponsors. If you wish to sponsor or if you know of a business or organization that may be interested

please contact D.A.D.

www.discoveraviation.org

D.A.D. holds monthly meetings on the third Thursday at 7:00 P.M.

Location: Key Air

EAA ASI Seminar April 7, 2015

EAA 237 and Key Air will host an AOPA ASI seminar at the Key Air FBO hanger. Seminar will present route planning and emergency rations, signal mirrors and sat phones to maximize chances of survival and rescue using essential ingredients of a good survival kit. Mark this date on the calendar. More information will be made available. Contact Robert Heavirland rheavirland@yahoo.com

Great MN Aviation Gathering April 10-11, 2015

The event location is Anoka County-Blaine Airport (KANE) Blaine, MN. at Golden Wings Flying Museum and sponsored by the Minnesota Pilots Association. www.MNPilots.org, a 501 c (3) non-profit organization with a mission to promote and protect aviation in Minnesota through advocacy, education, outreach and social activities. Chapter leaders from the Experimental Aircraft Association (EAA) are also encouraged to come and participate in dialogue and to exchange ideas on how to reach young people and adults with the message about careers in aviation.

EAA AIRVENTURE July 20-26, 2015

The 63rd annual EAA convention and fly-in take place at Wittman Regional Airport in Oshkosh, Wisconsin. Afternoon air shows are scheduled to begin at 2:30 p.m. daily while the Wednesday and Saturday night shows are scheduled to begin at 8 p.m. Contact EAA Chapter 237, Robert Heavirland for more chapter event information. rheavirland@yahoo.com

AOPA Fly-In August 22, 2015

AOPA Grassroots Celebration of Aviation is coming to the Anoka County-Blaine Airport (KANE). This is the second year that the AOPA has selected a few locations throughout the country for one day visits to general aviation communities. The Anoka County-Blaine Airport is one of five airports selected for the 2015 Expo. If you have questions please contact Robert Heavirland rheavirland@yahoo.com or Craig Schiller goldenwings@minn.net

MN Chapter of The Ninty-Niners September 24-26, 2015

The Ninty-Niners Minnesota Chapter of the International Organization of Women Pilots will hold a sectional meeting and banquet at the Anoka County-Blaine Airport (KANE) September 24-26, 2015. Attendance is expected from several states. For more 99s Minnesota chapter information contact: Patty Sandusky at pilotpatti@hotmail.com

