

HAIL



# Definition of hail

Hail is the ice particles ball-shaped or irregularly shaped (hailstones) the size of a millimeter to several centimeters. There are hailstones the size of 130 mm and weighing about 1 kg. Hailstones consist of a number of layers of transparent ice thickness of not less than 1 mm, alternating with semi-transparent layers.



Large hailstone with concentric rings

# Hail cloud





Severe thunderstorms containing hail can show a  
characteristic green coloration

# Hailstorm in Bogota, Colombia.



# Hail in El Salvador



# Examples of hailstones:



Photo by: Shlomit Wolf



*National Weather Service  
Hastings Nebraska*



# Hail damage:











# The most unusual hailstones



□ This is one of the largest hailstones ever observed in the United States. The stone fell on June 22, 2003 in Aurora, Nebraska







The largest recorded hailstone in the United States by diameter 8 inches (20 cm) and weight 1.93 pounds (0.88 kg). The hailstone fell in Vivian, South Dakota on July 23, 2010.

# A bit of history

- In ancient times, people have noticed that the loud sound prevents the occurrence of hail or causes the appearance of smaller size of hailstones people in Europe used to ring church bells and fire cannons to try to prevent it

