Spotter's Reference Guide
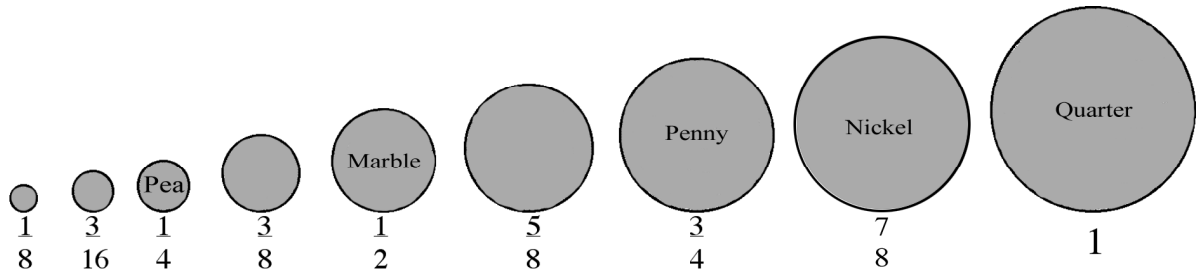# Madison County EMA

• **For all reports, give location** (example: Delta)
• **Keep all messages short,** especially during emergency and priority situations
　　1. Think about what you need to report and rehearse it in your mind before transmitting.
　　2. In emergency and priority transmissions, give all the essential information: What, Where, and direction. Net Control will tell you what information is needed.
　　3. When giving routine reports, limit the report to the relevant information. The *absence* of wind, rain, hail, etc. does not require comment.
　　4. Respond to requests for specific, non-severe information such as temperature, wind *direction,* distant lightning, only as requested by the Net Control Station.
• Do not give your call with each transmission.

Feature	*Emergency*	Priority	Routine
Cloud Formations Thunderstorms *(Report direction and distance)*	Tornado Debris cloud Funnel cloud	Wall cloud Rotation in cloud	Cumulonimbus Roll cloud Shelf cloud Scud
Wind	Speed ≥ 55 MPH Debris in air Tree or structure damage	Speed ≥ 35 MPH Small limbs down Gust front	Speed < 35 MPH
Hail	Size ≥ 0.5"	Size < 0.5"	
Lightning *(Report direction and distance)*		Strokes ≥ 6/Min. from one cell	Strokes < 6/Min. from one cell
Rain		Visibility < 0.5 Mi.	Visibility > 0.5 Mi.

• **Wind Speed Estimation Guide**
　　25 — 31 MPH　Large branches moving, whistling heard in overhead wires.
　　32 — 38 MPH　Whole trees moving, inconvenience in walking against wind.
　　39 — 46 MPH　Small branches (twigs) break, impedes walking.
　　47 — 54 MPH　Slight structural damage, larger branches and weak limbs may break.
　　55 — 63 MPH　Moderate structural and tree damage.
　　64 & Higher　Heavy tree and structural damage.

Pea

Marble

Penny

Nickel

Quarter

$\frac{1}{8}$ $\frac{3}{16}$ $\frac{1}{4}$ $\frac{3}{8}$ $\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$ $\frac{7}{8}$ 1

Hail Size Reference Chart (Inches)