## **FEBRUARY 20, 2007 SEVERE WEATHER**

The first local severe weather event of 2007 occurred across the southern half of the forecast area Tuesday evening, Feb 20th. A cold front pressed southeast across the region Tuesday afternoon as a wave of low pressure shifted east along the front into the Ozarks of northern Arkansas. Southerly flow ahead of the low brought warm moist air northward as temperatures reached the 60s across much of the region. The atmosphere destabilized enough by late afternoon to allow for the development of thunderstorms over southeast Missouri. These quickly spread into western Kentucky and far southern Illinois, producing hail up to the size of golf balls.

Following is a preliminary summary of hail reports from across the region during the Tuesday evening event.

PRELIMINARY LOCAL STORM REPORT...SUMMARY NATIONAL WEATHER SERVICE 149 AM CST WED FEB 21 2007

TIME	EVENT MAG REMARKS	CITY LOCATION			
0531 PM 02/20/2007	HAIL E1.25 INCH	STURDIVANT STODDARD	MO	37.05N 90.01W BROADCAST MEDIA	
	QUARTER SIZED HA	IL ALSO REPORTED AT	THIS	SITE.	
0540 PM 02/20/2007	HAIL E1.50 INCH	SWINTON STODDARD	MO	37.03N 89.94W BROADCAST MEDIA	
0545 PM 02/20/2007		ORAN SCOTT	MO	37.08N 89.65W EMERGENCY MNGR	
	QUARTER SIZED HAIL ALSO REPORTED WITH THIS STORM AT THIS SITE.				
0605 PM 02/20/2007		BENTON SCOTT	МО	37.10N 89.56W EMERGENCY MNGR	
0614 PM 02/20/2007	HAIL E1.25 INCH	KELSO SCOTT	МО	37.19N 89.55W BROADCAST MEDIA	
0615 PM 02/20/2007		KELSO SCOTT	MO	37.19N 89.55W BROADCAST MEDIA	
0624 PM 02/20/2007	HAIL E1.00 INCH	WAPPAPELLO WAYNE	MO	36.94N 90.27W BROADCAST MEDIA	
	NICKEL SIZED HAIL ALSO REPORTED WITH THIS STORM AT THIS SITE.				
0625 PM 02/20/2007		7 NW POPLAR BLUFF BUTLER	MO	36.84N 90.50W EMERGENCY MNGR	
0632 PM 02/20/2007		PUXICO STODDARD	MO	36.95N 90.16W EMERGENCY MNGR	
0634 PM 02/20/2007	HAIL E0.75 INCH	9 N DONIPHAN RIPLEY	MO	36.75N 90.82W EMERGENCY MNGR	
0635 PM 02/20/2007	HAIL E0.88 INCH	GRANDIN CARTER	MO	36.83N 90.82W TRAINED SPOTTER	

0636 PM 02/20/2007	HAIL E1.75 INCH	TAMMS ALEXANDER	IL	37.24N 89.27W TRAINED SPOTTER		
	HAIL E1.75 INCH		IL	37.28N 89.18W BROADCAST MEDIA		
	HAIL E1.75 INCH	GRANDIN CARTER	MO	36.83N 90.82W LAW ENFORCEMENT		
	SEVERAL REPORTS	SEVERAL REPORTS BETWEEN 642 PM AND 652 PM.				
	HAIL E1.50 INCH			36.92N 90.75W TRAINED SPOTTER		
	HAIL SIZES RANGE	HAIL SIZES RANGED FROM QUARTER SIZED TO HALF DOLLAR SIZE				
0652 PM 02/20/2007		6 NE BLOOMFIELD STODDARD	МО	36.95N 89.85W TRAINED SPOTTER		
	NICKEL SIZE HAIL	ALSO REPORTED.				
	HAIL E1.00 INCH		IL	37.37N 89.02W EMERGENCY MNGR		
	HAIL COVERING GROUND.					
	HAIL E0.88 INCH	BROWNWOOD STODDARD	МО	37.08N 89.95W AWOS		
0703 PM 02/20/2007	HAIL E0.88 INCH	ADVANCE STODDARD	MO	37.10N 89.91W LAW ENFORCEMENT		
0715 PM 02/20/2007	HAIL E1.00 INCH		IL			
0719 PM 02/20/2007	HAIL E1.00 INCH	PALMA MARSHALL	KY	36.96N 88.38W TRAINED SPOTTER		
0725 PM 02/20/2007	HAIL E1.75 INCH	VIENNA JOHNSON	IL	37.41N 88.89W BROADCAST MEDIA		
	1.50 INCH DIAMETER HAIL ALSO REPORTED IN VIENNA AT THIS TIME.					
0733 PM 02/20/2007		CHAFFEE SCOTT	МО	37.18N 89.66W TRAINED SPOTTER		
	HAIL E0.75 INCH	BAY CITY POPE	IL	37.25N 88.50W TRAINED SPOTTER		
	HAIL E1.00 INCH	SIMPSON JOHNSON	IL	37.47N 88.75W LAW ENFORCEMENT		
0739 PM 02/20/2007	HAIL E1.25 INCH	WAPPAPELLO WAYNE	МО	36.94N 90.27W TRAINED SPOTTER		
0746 PM 02/20/2007	HAIL E1.00 INCH	3 E OSCAR BALLARD	KY	37.14N 88.97W EMERGENCY MNGR		
	HAIL WAS FALLING COUNTY KENTUCKY	BETWEEN OSCAR AND	BANDA	NA IN BALLARD		
0754 PM	HAIL	6 NW JOPPA		37.27N 88.92W		

02/20/2007	E0.75 INCH	MASSAC	IL	EMERGENCY MNGR
0804 PM 02/20/2007	HAIL E0.75 INCH	GRAND CHAIN PULASKI	IL	37.25N 89.02W TRAINED SPOTTER
0810 PM 02/20/2007	HAIL E0.88 INCH	2 S MAYFIELD GRAVES	KY	36.71N 88.65W TRAINED SPOTTER
0843 PM 02/20/2007	HAIL E0.75 INCH	2 NW MURRAY CALLOWAY	KY	36.63N 88.34W TRAINED SPOTTER

SMALLER HAIL COVERING AIRPORT ROAD WHICH IS 1/2 MILE NORTH OF HIGHWAY 121.