

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

0636 PM HAIL TAMMS 37.24N 89.27W
02/20/2007 E1.75 INCH ALEXANDER IL TRAINED SPOTTER

0640 PM HAIL ULLIN 37.28N 89.18W
02/20/2007 E1.75 INCH PULASKI IL BROADCAST MEDIA

0642 PM HAIL GRANDIN 36.83N 90.82W
02/20/2007 E1.75 INCH CARTER MO LAW ENFORCEMENT

SEVERAL REPORTS BETWEEN 642 PM AND 652 PM.

0646 PM HAIL 1 S ELLSINORE 36.92N 90.75W
02/20/2007 E1.50 INCH CARTER MO TRAINED SPOTTER

HAIL SIZES RANGED FROM QUARTER SIZED TO HALF DOLLAR SIZE

0652 PM HAIL 6 NE BLOOMFIELD 36.95N 89.85W
02/20/2007 E1.00 INCH STODDARD MO TRAINED SPOTTER

NICKEL SIZE HAIL ALSO REPORTED.

0700 PM HAIL CYPRESS 37.37N 89.02W
02/20/2007 E1.00 INCH JOHNSON IL EMERGENCY MNGR

HAIL COVERING GROUND.

0702 PM HAIL BROWNWOOD 37.08N 89.95W
02/20/2007 E0.88 INCH STODDARD MO AWOS

0703 PM HAIL ADVANCE 37.10N 89.91W
02/20/2007 E0.88 INCH STODDARD MO LAW ENFORCEMENT

0715 PM HAIL SPENCER HEIGHTS 37.13N 89.19W
02/20/2007 E1.00 INCH PULASKI IL EMERGENCY MNGR

0719 PM HAIL PALMA 36.96N 88.38W
02/20/2007 E1.00 INCH MARSHALL KY TRAINED SPOTTER

0725 PM HAIL VIENNA 37.41N 88.89W
02/20/2007 E1.75 INCH JOHNSON IL BROADCAST MEDIA

1.50 INCH DIAMETER HAIL ALSO REPORTED IN VIENNA AT THIS TIME.

0733 PM HAIL CHAFFEE 37.18N 89.66W
02/20/2007 E1.00 INCH SCOTT MO TRAINED SPOTTER

0734 PM HAIL BAY CITY 37.25N 88.50W
02/20/2007 E0.75 INCH POPE IL TRAINED SPOTTER

0736 PM HAIL SIMPSON 37.47N 88.75W
02/20/2007 E1.00 INCH JOHNSON IL LAW ENFORCEMENT

0739 PM HAIL WAPPAPELLO 36.94N 90.27W
02/20/2007 E1.25 INCH WAYNE MO TRAINED SPOTTER

0746 PM HAIL 3 E OSCAR 37.14N 88.97W
02/20/2007 E1.00 INCH BALLARD KY EMERGENCY MNGR

HAIL WAS FALLING BETWEEN OSCAR AND BANDANA IN BALLARD COUNTY KENTUCKY

0754 PM HAIL 6 NW JOPPA 37.27N 88.92W

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

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