



Heavy Rain from Remnants of Hurricane Gustav

September 3rd-4th, 2008

Overview

The remnants of Hurricane Gustav interacted with a cold front and became extratropical as it moved across Missouri and Illinois on September 3rd and 4th of 2008. The system brought rainfall amounts ranging from less than an inch across the far eastern portion of the county warning area to nearly 7 inches across the central Missouri and the eastern Ozarks.

Rainfall Reports

THE FOLLOWING ARE THREE DAY RAINFALL TOTALS THAT WERE PRODUCED OVER THE AREA BY THE REMNANTS OF HURRICANCE GUSTAV. THEY INCLUDE REPORTS FROM AIRPORT OBSERVATION SITES (ASOS)...COOPERATIVE OBSERVERS (COOP)...THEMIZZOU EXTENSION (MOAG WX)...TRAINED SPOTTERS...THE COMMUNITY COLLABORATIVE RAIN, HAIL AND SNOW NETWORK (COCORAHS).. REMOTE AUTOMATED WEATHER STATIONS (RAWS) AND SKYWARN SPOTTERS.

Station name:	3 Day Total:	Source:
In Northeast Missouri		
BOWLING GREEN	4.14	COOP
CANTON L/D20	2.23	COOP
EDINA	2.63	COOP
MARK TWAIN LAKE/CANNON DAM	4.16	COOP
HANNIBAL MO	4.09	COOP
LOUISIANA	2.75	COOP
MONROE CITY	3.90	MO AG WX
NOVELTY	2.11	COOP
PALMYRA	4.93	COOP
PERRY	5.35	COCORAHS
SAVERTON L/D	3.40	COOP
SHELBINA	3.32	COOP
TAYLOR	3.60	COOP
VANDALIA	5.74	COOP
In Central Missouri		
CALIFORNIA	5.50	COOP
COLUMBIA REGIONAL (KCOU)	3.51	ASOS
COLUMBIA U OF M	3.15	COOP
FREEDOM	2.98	COOP
FULTON	3.72	COOP
HERMANN	6.90	COOP
JEFFERSON CITY WATER PLANT	6.31	COOP
LINN 1 SE	3.11	COCORAHS
MEXICO	5.01	COOP
WILLIAMSBURG	3.42	MO AG WX
Southeast Missouri		
ARCADIA	4.28	COOP
BELLEVIEW 4 SE	4.48	COOP
BUNKER	7.04	COCORAHS
COOK STATION	4.15	MO AG WX
ELLINGTON	4.97	COCORAHS
FARMINGTON	2.97	COOP
OATES	4.69	COOP
POTOSI 4 SW	4.00	COOP
ROSEBUD	3.14	COOP
STEELVILLE 7 ESE	3.78	COCORAHS
STE GENEVIEVE 1 S	2.08	COCORAHS
SULLIVAN	3.58	COOP

Rainfall Reports

East Central Missouri

CHESTERFIELD (KSUS)	2.91	ASOS
DE SOTO	4.15	COOP
ELSBERRY 1 S	3.66	COOP
FESTUS	3.17	COOP
HARVESTER	3.39	COOP
HILLSBORO 3 ESE	4.14	TRAINED SPOTTER
PACIFIC	2.70	COOP
LAKE ST LOUIS	3.27	COOP
ST CHARLES ELM PT	3.22	COOP
ST CHARLES SMARTT FIELD (KSET)	2.52	ASOS
ST LOUIS LAMBERT (KSTL)	3.10	ASOS
ST PETERS	3.22	COOP
SULLIVAN	4.17	RAWS
TROY	2.74	COOP
UNION	2.61	COOP
VALLEY PARK	3.02	COOP
WELDON SPRING NWS	3.35	COOP
WENTZVILLE	2.90	COOP

West Central Illinois

CARLINVILLE	2.19	COCORAHS
GRIGGSVILLE	3.59	COOP
PAYSON	3.83	COOP
QUINCY REGIONAL (KUIN)	3.21	ASOS
QUINCY L/D	3.20	COOP
VIRDEN	2.04	COOP
WHITE HALL 1 E	2.06	COOP

Central Illinois

PATOKA	1.70	COOP
RAMSEY	1.83	COOP
SALEM WATER PLANT	1.47	COOP
VANDALIA	1.86	COOP

Southwest Illinois

ALBERS	2.11	COOP
ALTON	2.56	COCORAHS
CAHOKIA (KCPS)	3.03	ASOS
CENTRALIA	1.63	COOP
CHESTER	1.70	COOP
HIGHLAND	2.70	COCORAHS
HILLSBORO	2.38	COOP
JERSEYVILLE 2 SW	3.20	COOP
NEW HANOVER 1 SW	4.28	TRAINED SPOTTER
KASKASKIA L/D	1.99	COOP
NASHVILLE 1 E	1.71	COOP
WATERLOO	4.10	COOP

Please note that while the severe weather data presented in this event synopsis has been quality controlled, it is still considered unofficial. Official reports & statistics for severe weather events can be found in the **Storm Data** publication (<http://www.ncdc.noaa.gov/IPS/sd/sd.html>) or **Storm Events Database** (<http://www.ncdc.noaa.gov/stormevents/>), available from the National Centers for Environmental Information (NCEI) web page [formerly the National Climate Data Center (NCDC)].

More detailed tornado track information can be accessed using the National Weather Service Damage Assessment Toolkit for all tornadoes beginning in 2012. <https://apps.dat.noaa.gov/StormDamage/DamageViewer/>

Any questions regarding this event review should be address to w-lsx.webmaster@noaa.gov