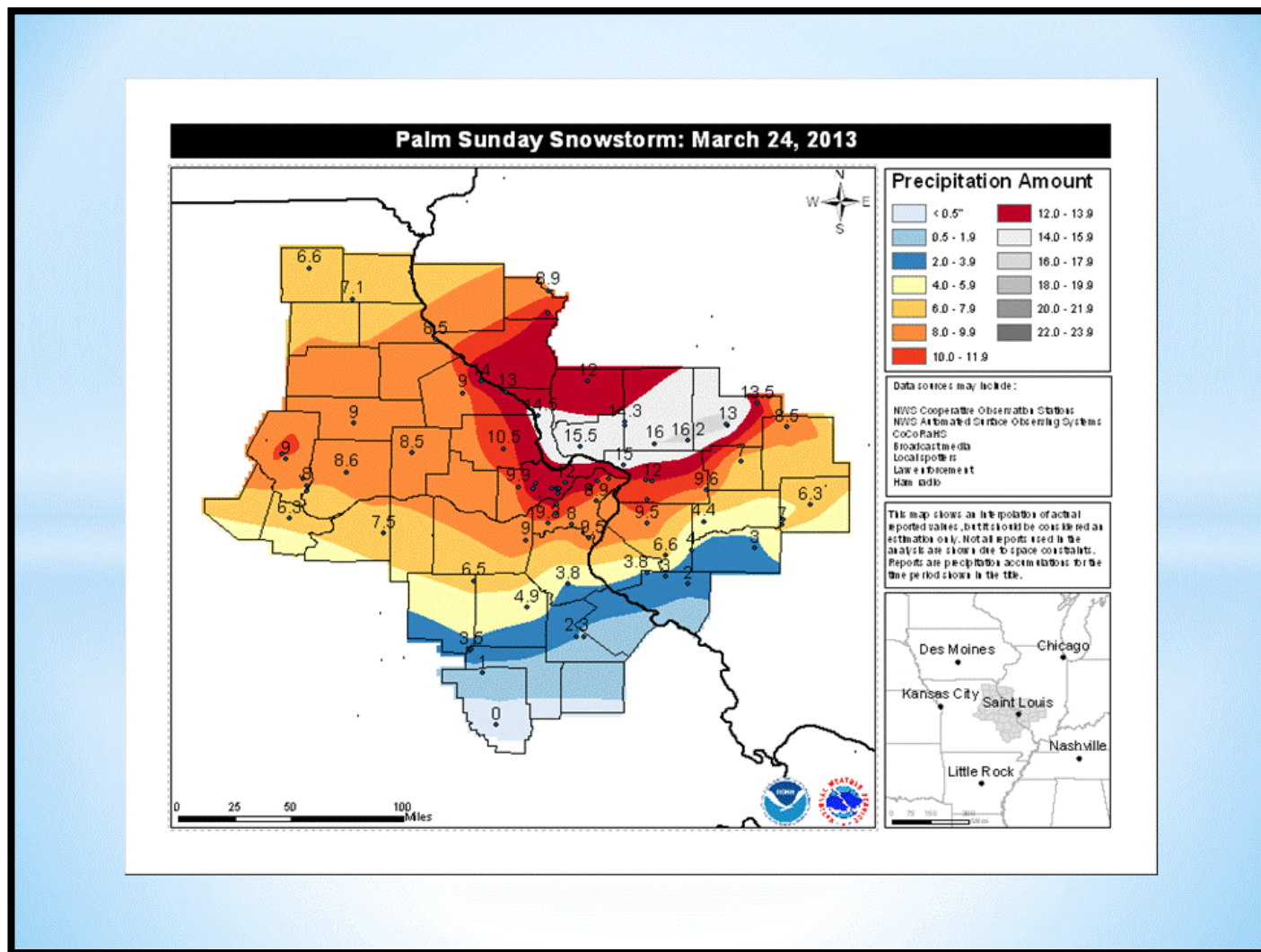


Palm Sunday Winter Storm

March 24th, 2013

Overview

A powerful winter storm brought heavy wet snow to much of Missouri and Illinois. Numerous thundersnow reports accompanied the heavy snow and resulted in accumulations over a foot from east central Missouri to central Illinois. The late season winter storm will now stand as the highest calendar day March snowfall, the second highest calendar day snowfall ever, and the sixth greatest snowfall event for St. Louis. St. Louis (KSTL) recorded 12.4 inches for the calendar day of March 24th and 12.6 inches for the 24 hour period of 7am to 7am March 24- March 25. This was the largest snowfall recorded at St. Louis (KSTL) since the infamous snowstorm of January 30/31 1982 commonly known as the "Blizzard of 1982".



Storm Total Snowfall

HILLSBORO	16.7	FULTON	8.6
MOUNT OLIVE 1 SW	16.2	MONTGOMERY CITY	8.5
BUNKER HILL	16.0	RAMSEY	8.5
NOKOMIS 4.5 NW	15.6	HANNIBAL	8.5
GRAFTON 3 N	15.5	FENTON 2 SW	8.0
HARVESTER	15.1	ASHLAND 4.2 E	8.0
ALTON	15.0	FREEDOM	7.5
HAMBURG 1 SE	14.5	STEFFENVILLE	7.1
HARVESTER 1 E	14.5	CENTRALIA IL	7.0
MEDORA 1 S	14.3	NEW BLOOMFIELD 5.2 W	7.0
O'FALLON MO	14.1	GREENVILLE 2 NE	7.0
LOUISIANA	14.0	NEW ATHENS	7.0
O FALLON MO 2 SSW	14.0	EDINA	6.6
DARDENNE PRAIRIE	13.8	SULLIVAN 3 SE	6.5
NOKOMIS	13.5	SALEM	6.3
HILLSBORO	13.0	JEFFERSON CITY 5.9 W	6.3
HARVESTER II	13.0	POTOSI 4 SW	4.9
CLARKSVILLE LD24	13.0	CENTRALIA IL 2 SW	4.9
NWS WELDON SPRING	12.8	KINMUNDY	4.5
ST. LOUIS - LAMBERT FIELD	12.7	ALBERS 1 W	4.4
VERSAILLES 1E	12.6	ST. LIBORY	4.0
FLORISSANT	12.5	RED BUD	3.8
EDWARDSVILLE	12.0	DE SOTO	3.8
ST. CHARLES	12.0	VIBURNUM	3.5
CHESTERFIELD	12.0	VIBURNUM	3.2
WHITE HALL 1 E	12.0	RED BUD 5 SE	3.0
ELLISVILLE	11.8	NASHVILLE 1 E	3.0
ST. PETERS 2 SSE	11.5	FARMINGTON 2 NW	2.3
EDWARDSVILLE 2 W	11.5	SPARTA 1.6 SW	2.0
FLORISSANT	11.1	FARMINGTON	1.4
COLLINSVILLE	11.0	OATES	1.0
LOUISIANA	11.0	ELLINGTON	0.0
FLORISSANT 4.4 ENE	10.6		
COLUMBIA 1.4 NNW	10.5		
CUIVRE RIVER SP	10.5		
HARRISBURG 5.9 SSE	10.0		
LAKE ST. LOUIS 2 SW	9.9		
COLUMBIA	9.8		
HIGHLAND 3 E	9.6		
ASHLAND 4 NNE	9.6		
BELLEVILLE	9.5		
ARNOLD	9.5		
EUREKA 1.6 NNE	9.3		
CATAWISSA	9.0		
COLUMBIA U OF MO	9.0		
COLUMBIA 0.9 SSE	9.0		
MEXICO	9.0		
BOWLING GREEN 1 E	9.0		
UNIVERSITY CITY	8.9		
RIPLEY	8.9		
ROSEBUD	8.7		

St. Louis Breaks March Snowfall Record

THE LATE SEASON WINTER STORM WHICH BROUGHT VERY HEAVY SNOW TO THE REGION WILL GO DOWN IN THE RECORD BOOKS AS THE HIGHEST CALENDAR DAY MARCH SNOWFALL. THIS WAS ALSO THE SECOND HIGHEST CALENDAR DAY SNOWFALL EVER...AND THE SIXTH GREATEST SNOWFALL EVENT FOR ST LOUIS.

HERE ARE THE TOP TEN LISTS (PLEASE NOTE THAT OFFICIAL SNOWFALL RECORDS FOR ST LOUIS GO BACK TO 1891)...

TOP TEN MARCH CALENDAR DAY SNOWFALL (MIDNIGHT TO MIDNIGHT)

1. *12.4 INCHES 3/24/2013
2. 12.1 INCHES 3/24/1912
3. 10.0 INCHES 3/4/2008...3/6/1989...3/9/1958
6. 9.1 INCHES 3/19/1906
7. 8.6 INCHES 3/20/1924
8. 8.3 INCHES 3/26/1913
9. 7.8 INCHES 3/2/1912
10. 7.3 INCHES 3/23/1974

TOP TEN SNOWFALL CALENDAR DAYS (MIDNIGHT TO MIDNIGHT)

1. 12.8 INCHES 2/26/1906
2. *12.4 INCHES 3/24/2013
3. 12.1 INCHES 3/24/1912
4. 12.0 INCHES 12/19/1973
5. 11.7 INCHES 2/13/1914
6. 11.3 INCHES 2/16/1910
7. 11.2 INCHES 1/31/1958
8. 11.0 INCHES 1/11/1909
9. 10.9 INCHES 1/16/1978
10. 10.5 INCHES 12/30/1973

TOP TEN SNOWFALL EVENTS (ANY 24 HOUR PERIOD...POSSIBLY SPANNING CALENDAR DAYS)

1. 15.6 INCHES 2/20-21/1912
2. 13.9 INCHES 1/30-31/1982
3. 13.3 INCHES 2/16-17/1910
4. 13.0 INCHES 2/12-13/1914
5. 12.8 INCHES 2/26/1906
6. *12.6 INCHES 3/24-25/2013 (7AM-7AM CDT)
7. 12.5 INCHES 1/16-17/1978
8. 12.1 INCHES 3/24/1912
9. 12.0 INCHES 12/19/1973
10. 12.0 INCHES 1/11-12/1909

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