Floods? In December? But It’s COLD Outside!
A prolonged period of rainfall occurred from the early morning hours of December 26th to the evening of December 28th. The heaviest rainfall occurred in a 50 to 75 mile wide swath from southwest Missouri through the Greater St. Louis Metropolitan Area and into central Illinois. Storm total rainfall within this swath ranged from 6 to 12 inches, with lighter amounts extending both northwest and southeast. Some of the precipitation fell as a wintery mix of freezing rain, sleet and snow across northwest portions of the state during the event.

<table>
<thead>
<tr>
<th>Storm Total Rainfall</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ST. LOUIS</td>
<td>9.18&quot;</td>
</tr>
<tr>
<td>COLUMBIA</td>
<td>4.49&quot;</td>
</tr>
<tr>
<td>JEFFERSON CITY</td>
<td>5.17&quot;</td>
</tr>
<tr>
<td>CHESTERFIELD</td>
<td>7.85&quot;</td>
</tr>
<tr>
<td>ST. CHARLES</td>
<td>8.04&quot;</td>
</tr>
<tr>
<td>FARMINGTON</td>
<td>5.99&quot;</td>
</tr>
<tr>
<td>QUINCY</td>
<td>2.58&quot;</td>
</tr>
<tr>
<td>CAHOKIA</td>
<td>5.91&quot;</td>
</tr>
<tr>
<td>BELLEVILLE/SCOTT</td>
<td>5.31&quot;</td>
</tr>
<tr>
<td>PITTSFIELD</td>
<td>3.82&quot;</td>
</tr>
<tr>
<td>SPARTA</td>
<td>5.53&quot;</td>
</tr>
<tr>
<td>SALEM</td>
<td>3.05&quot;</td>
</tr>
</tbody>
</table>

Rainfall Graphic
ROAD ALERT
Use caution while traveling today.
Check the latest road conditions using MoDOT’s Traveler Information Map!

Image updated December 28 at 3:00 PM
When will it go under water?

According to noaa.gov *National Weather Service* when the river is at 27 ft this area of Rte 141 (which is at 26.2 ft) begins to flood.
Past History

St. Louis Co.
Rte. 141 @ I-44
3-24-2008 2:46 pm

Crest mark: Rte 141 @ I-44
Date: 3-22-2008
429.85’
36.95 above “Gage 0” Datum

*Official Crest: 3-22-2008
Meramec River AT Valley Park
*430.73’
*37.83 ft above “Gage 0” Datum
St. Louis Co.
Rte. 141 @ I-44
3-24-2008 2:45 pm

Dec 1982?

March 2008

The bleached “white” line indicates the March 22, 2008 high water mark. We believe the next faded line indicates the Dec. 6, 1982 high water mark.
MAJOR IMPACTS I-44, 50, 47, 30
Facing South
Union 47/50
Intersection at the
Bourbeuse River

Intersection closed 12/28/2015 through 12/30/2015
Bourbeuse River
I-44 bridges &
(AT on top)
Pacific facing East

Picture 12/31/2015 after crest
I-44
Near
141

I-44 closed from 12/30/2016 through 1/1/2016
141 at I-44
1’-2’
Below Crest

141 closed 12/28/2015 through 1/2/2016
Debris at Rte. 141 and I-44
I-44
Meramec
By I-270
facing South
Route 30 Near 141 & Meramec facing West

Route 30 Closed 12/30/2015 through 1/1/2016
I-44 Detour to 100
MAJOR IMPACTS—21, 141, I-55, 61/67
Highway 21

Route 21 Closed 12/30/2015 through 1/2/2016
Sandbagging I-55 at Meramec

Portions Closed 12/31/2015 through 1/2/2016
RED ROUTE - OFFICIAL DETOUR
** All lanes must exit at 255 EAST to 231 South.
** Soft closure start at inside lane, taper closures to one lane at 205 East.
** Hard Closure at Meremac Bottom Road all lanes must exit.

ORANGE ALTERNATE 1
NB 1-55 to Route M to MN to
CA EB to 1-44 NB to Bowies to
CA EB to EB 200

RED ROUTE - OFFICIAL DETOUR
NORTHBOUND 1-55 Closure Detour
** All lanes must exit at Imperial Main to
91/67 North to 231 North
3. Soft closure start at inside lane, taper
4. Hard Closure at 1-41 all lanes must exit.
61/67 at Meramec
Telegraph Traffic
Highway 231
Telegraph
At Meramec
Meramec
At
Mississippi
Flood Damage
Flood Costs

• Labor: 18,627 hours, $350,926
• Fleet: $126,759
• Materials and supplies: $185,442
• Estimated cost of repairs (Slides, edge ruts, pavement repairs, etc.): $5.5M
Timeline Details

1. Sunday Dec. 27th – PM St. Charles Co.: I-70 closure
2. Sunday Dec 27th - PM St. Charles Co.: MO 94 Closed
4. Monday Dec 28th - PM Franklin Co.: Evening US 47 @ US 50
5. Monday Dec 28th – PM Franklin Co.: US 50 @ 47
6. Tuesday Dec 29th – PM St. Louis Co.: MO 141 @ I-44 Closure
7. Tuesday Dec 29th – PM St. Louis Co.: MO 109 @ Old State & High School
8. Wednesday Dec 30th – AM St. Louis Co.: I-44 Closure
9. Wednesday Dec 30th - AM St. Louis Co.: MO 30 @ MO 109 Closed
10. Wednesday Dec 30th – AM Jefferson Co.: I-55 NB Closure
11. Wednesday Dec 30th - PM Jefferson Co.: MO 141 @ Romaine Creek
12. Thursday Dec 31st – AM Jefferson Co.: US 61/67 @ Meramec River Closed
13. Thursday Dec 31st – PM St. Louis Co.: I-55 NB Opens
14. Friday January 1st – AM St. Louis Co.: I-44 and I-55 SB Open
EXTERNAL PARTNERS
Jefferson County Flooding
100 Years Ago in Valley Park

Meramec River Flood, Valley Park, Mo.
August 22, 1915
(Courtesy of the Missouri Historical Society)
Herculaneum Bridge
Jeff Co Blvd at Arnold City Park
Jeff Co Bridge
Old Antonia Road by I-55 Outer Road
12-29-15
Old Antonia Road by I-55 Outer Road
12-30-15
Old Antonia Road by I-55 Outer Road
12-30-15
Ridgewood School Entrance
RR Tracks – Pacific/Eureka
Seckman Road
Seckman Road
Starling Airport Road
Corisande Hills Road near Winter Park
Corisande Hills Road near Winter Park
Franklin County Flooding
Labadie Bottom Road Washout
Labadie Bottom Road
Washout
Labadie Bottom Road
Washout
Old Route 100 Slide
Old Route 100 Slide