



**NOAA Atlas 14, Volume 2, Version 3**  
**Ohio River Basin and Surrounding States**

Prepared by U.S. DEPARTMENT OF COMMERCE  
 NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
 NATIONAL WEATHER SERVICE  
 OFFICE OF HYDROLOGIC DEVELOPMENT  
 HYDROMETEOROLOGICAL DESIGN STUDIES CENTER  
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SCALE 1:2,000,000 (when printed/viewed at ANSI C size)  
 0 10 20 30 40 50 Miles  
 0 5 10 20 30 40 50 60 70 Kilometers

**KENTUCKY, TENNESSEE**

**Isopluvials of 6 hour precipitation (inches)  
 with Average Recurrence Interval of 50 years**

See NOAA Atlas 14 documentation for factors to convert to Annual Exceedance Probabilities for all estimates below 25 years

Inches	
3.01 - 3.10	3.61 - 3.70
3.11 - 3.20	3.71 - 3.80
3.21 - 3.30	3.81 - 3.90
3.31 - 3.40	3.91 - 4.00
3.41 - 3.50	4.01 - 4.10
3.51 - 3.60	4.11 - 4.20
4.21 - 4.40	4.41 - 4.60
4.41 - 4.60	4.61 - 4.80
4.61 - 4.80	4.81 - 5.00
4.81 - 5.00	5.01 - 5.20
5.01 - 5.20	5.21 - 5.40
5.41 - 5.60	5.61 - 5.80
5.61 - 5.80	5.81 - 6.00
5.81 - 6.00	6.01 - 6.20
6.01 - 6.20	6.21 - 6.40
6.21 - 6.40	6.41 - 6.60
6.41 - 6.60	6.61 - 6.80
6.61 - 6.80	6.81 - 7.00
6.81 - 7.00	7.01 - 7.20
7.01 - 7.20	7.21 - 7.40
7.21 - 7.40	7.41 - 7.60
7.41 - 7.60	7.61 - 7.80
7.61 - 7.80	



Projection: Lambert Conformal Conic; Datum: NAD83; Standard Parallels: 38° and 45°; Central Meridian: 83°