



**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 60 minute precipitation (inches)  
 with Average Recurrence Interval of 2 years**

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



Inches	
0.98 - 1.00	2.11 - 2.20
1.01 - 1.10	2.21 - 2.30
1.11 - 1.20	2.01 - 2.10
1.21 - 1.30	1.91 - 2.00
1.31 - 1.40	1.81 - 1.90
1.41 - 1.50	1.71 - 1.80
1.51 - 1.60	1.61 - 1.70
1.61 - 1.70	1.51 - 1.60
1.71 - 1.80	1.41 - 1.50
1.81 - 1.90	1.31 - 1.40
1.91 - 2.00	1.21 - 1.30
2.01 - 2.10	1.11 - 1.20
2.11 - 2.20	1.01 - 1.10
2.21 - 2.30	0.98 - 1.00

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