



**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  
 August 2006

SCALE 1:2,000,000 (when printed/viewed at ANSI C size)  
 0 10 20 30 40 50 Miles  
 0 510 20 30 40 50 60 70 Kilometers

**KENTUCKY, TENNESSEE**

**Isopluvials of 60 minute 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	
1.84	2.21 - 2.30
1.85 - 1.90	2.31 - 2.40
1.91 - 2.00	2.41 - 2.50
2.01 - 2.10	2.51 - 2.60
2.11 - 2.20	2.61 - 2.70
2.71 - 2.80	2.81 - 2.90
2.91 - 3.10	3.11 - 3.20
3.21 - 3.30	3.31 - 3.40
3.41 - 3.50	3.51 - 3.60
3.61 - 3.70	3.71 - 3.80
3.81 - 3.90	3.91 - 4.00
4.01 - 4.10	4.11 - 42.00



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