Table 3. Estimated peak streamflows and estimated recurrence intervals during the flood of June 7–9, 2008, at selected ungaged locations in Indiana. (Locations of sites 1-4 are shown on figure 4.)

[mi^2, square miles; ft^3/s, cubic feet per second; <, less than; >, greater than]

| Site number | Stream and location | County | Drainage area at site (mi^2) | Peak flow (ft^3/s) for given recurrence interval | | | | Estimated peak flow during June 2008 flood | | |
				[1] 10-year	25-year	50-year	100-year	Estimated peak flow (ft^3/s)	Recurrence interval (years)	Comment
1	Haw Creek near State Street, Columbus	Bartholomew	55.7	[2] 4,690	[2] 6,210	[2] 7,380	[2] 8,430	[3] 13,900	> 100	Peak flow 65% greater than 100-year flood
2	Canary Ditch at US Highway 31, Franklin	Johnson	5.39	[2] 1,410	[2] 1,750	[2] 2,100	[2] 2,370	[3] 1,600	10-25	
3	Hurricane Creek near mouth, Franklin	Johnson	16.4	[2] 2,500	[2] 3,100	[2] 3,700	[2] 4,200	[3] 3,860	50-100	
4	Sartor Ditch at south end of high school parking lot, Martinsville	Morgan	1.66	[4] Undetermined	Undetermined	Undetermined	Undetermined	860	Undetermined	

[1] The recurrence interval is the average interval of time within which the given flood will be equaled or exceeded once (American Society of Civil Engineers, 1953, p. 1221). The reciprocal of the recurrence interval is the annual exceedance probability, which is the probability that a given event magnitude will be exceeded or equaled in any given year. The exceedance probability for a recurrence interval of 10 years is 0.10; for 25 years, 0.04; for 50 years, 0.02; and for 100 years, 0.01.

[2] Coordinated discharge from the Indiana Department of Natural Resources, Division of Water publication "Coordinated Discharges of Selected Streams in Indiana, accessed August 15, 2008 at http://www.in.gov/dnr/water/8726.htm.

[3] Peak streamflow estimated by indirect measurement methods.

[4] Recurrence-interval flows have not been established through the interagency coordination process. One or more basin characteristics are beyond the range used for development of models from regression analysis.