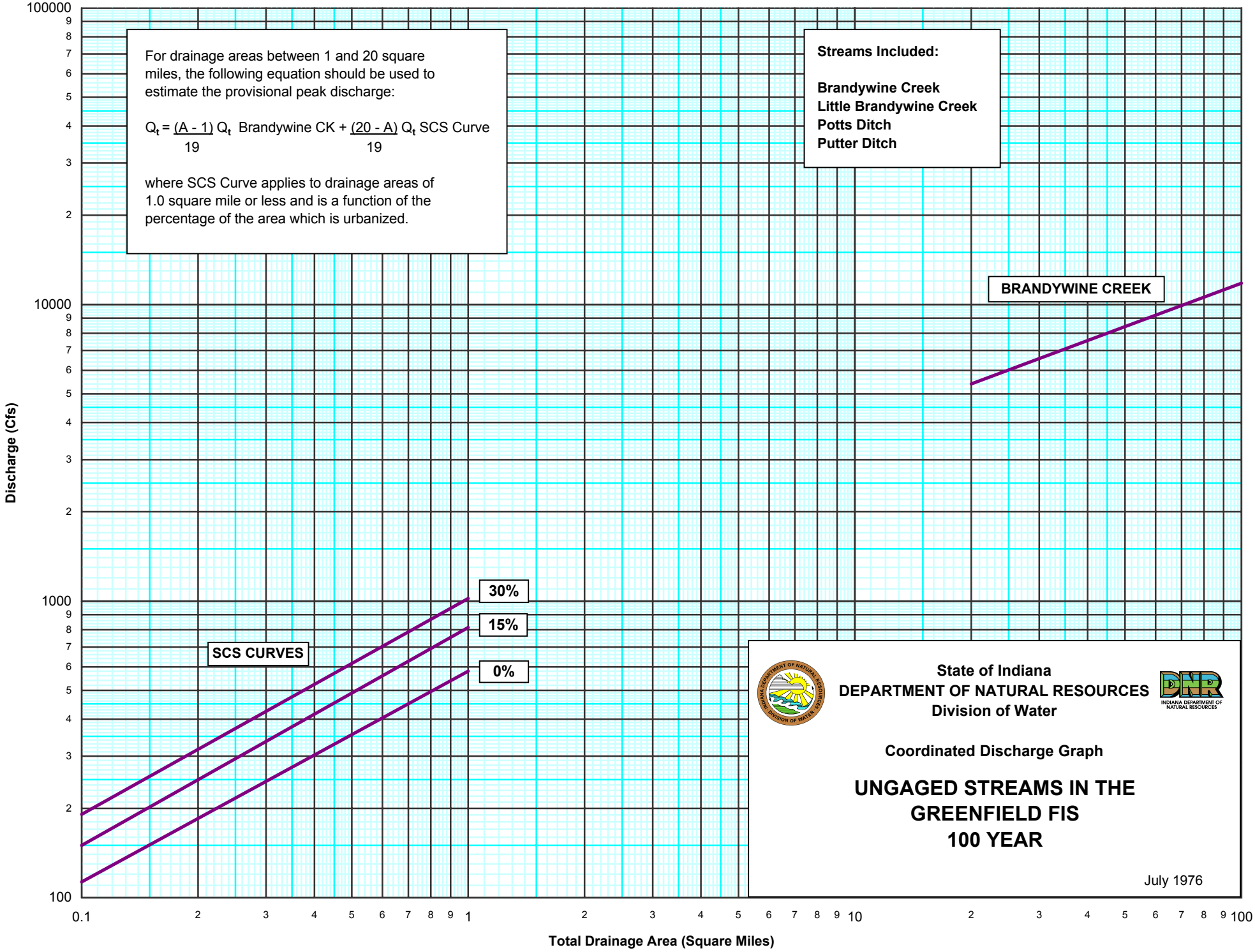
For drainage areas between 1 and 20 square miles, the following equation should be used to estimate the provisional peak discharge:

$$Q_t = \frac{(A - 1)}{19} Q_t \text{ Brandywine CK} + \frac{(20 - A)}{19} Q_t \text{ SCS Curve}$$

where SCS Curve applies to drainage areas of 1.0 square mile or less and is a function of the percentage of the area which is urbanized.

Streams Included:

Brandywine Creek
Little Brandywine Creek
Potts Ditch
Putter Ditch



State of Indiana
DEPARTMENT OF NATURAL RESOURCES
Division of Water

Coordinated Discharge Graph

UNGAGED STREAMS IN THE GREENFIELD FIS 100 YEAR

July 1976