

**567—52.8 (455B) Designated protected flows of streams.**

**52.8(1) Purpose.** The protected flow is designed to protect and maintain adequate water supplies for ordinary household and livestock use; for fish and wildlife use; for recreational use; for in-stream wasteload assimilation and pollution control; for beneficial water use needs in the watershed; for preservation of aesthetic values; and for other uses of a public nature.

**52.8(2) Protected flow basis.** The protected flow is based in part on statistical information contained in “Low-Flow Characteristics of Iowa Streams,” (INRC Bulletin No. 9 (1958)), “Low-Flow Characteristics of Iowa Streams through 1966,” (INRC Bulletin No. 10 (1970)), “Annual and Seasonal Low-Flow Characteristics of Iowa Streams,” (INRC Bulletin No. 13 (1976)), and “Statistical Summaries of Selected Iowa Streamflow Data Through September 1996, U.S. Geological Survey Open-File Report 98-176 (1998).”

**52.8(3) Protected flow levels.**

*a. At stream gaging stations.* The protected flow, expressed in cubic feet per second (cfs) at points on a stream with an official U.S. Geological Survey stream flow gage are listed in the table below.

The Protected Flow at U.S.G.S.  
Stream Gaging Locations

River or Stream	Gage Location	Protected Low Flow (CFS)
Beaver Creek	New Hartford	18
Big Creek	Mount Pleasant	2
Black Hawk Creek	Hudson	4.5
Boone River	Webster City	24
Boyer River	Logan	41
Cedar River	Conesville	1240
Cedar River	Cedar Rapids	937
Cedar River	Waterloo	710
Cedar River	Janesville	185
Cedar River	Charles City	100
Chariton River	Rathbun	2.9
Des Moines River	Keosauqua	350
Des Moines River	Ottumwa	300
Des Moines River	Tracy	300
Des Moines River	Des Moines (14th St.)	300
Des Moines River	Saylorville	200
Des Moines River	Stratford	310
Des Moines River	Fort Dodge	220
East Fork Des Moines River	Dakota City	42
East Nishnabotna River	Red Oak	37
East Nishnabotna River	Atlantic	18
Floyd River	James	22
Iowa River	Wapello	1390
Iowa River	Lone Tree	150
Iowa River	Iowa City	150

River or Stream	Gage Location	Protected Low Flow (CFS)
Iowa River	Marengo	204
Iowa River	Marshalltown	104
Iowa River	Rowan	21
Little Cedar River	Ionia	28
Little Sioux River	Turin	200
Little Sioux River	Correctionville	106
Little Sioux River	Linn Grove	42
Maple River	Mapleton	50
Maquoketa River	Maquoketa	372
Middle Raccoon River	Panora	20
Middle River	Indianola	14.6
Monona-Harrison Ditch	Turin	27
Nishnabotna	Hamburg	128
Nodaway	Clarinda	15
North Raccoon River	Jefferson	82
North Raccoon River	Sac City	14
North River	Norwalk	5.6
North Skunk River	Sigourney	35
Raccoon River	Van Meter	190
Rock River	Rock Valley	26
Shell Rock River	Shell Rock	147
Skunk River	Augusta	287
Soldier River	Pisgah	20
South Raccoon River	Redfield	58
South River	Ackworth	4.1
South Skunk River	Oskaloosa	94
South Skunk River	Ames (below Squaw Creek)	23
South Skunk River	Ames	4.8
Thompson River	Davis City	13
Turkey River	Garber	210
Upper Iowa River	Decorah	80
Walnut Creek	Hartwick	2
Wapsipinicon River	DeWitt	150
Wapsipinicon River	Independence	17
West Fork Cedar River	Finchford	66
West Fork Ditch	Hornick	12
West Nishnabotna River	Randolph	67
West Nishnabotna River	Hancock	49
White Breast Creek	Dallas	3.2
Winnebago River	Mason City	39

*b. At stream locations other than gaging stations.* The protected flow for points on a stream, other than at a U.S. Geological Survey gaging station, shall be established, as the need arises, by comparison of available stream flow data and basin characteristics.

This rule is intended to implement Iowa Code sections 455B.261, 455B.262 and 455B.267.