

Pike Anglers Club of Great Britain



Weight for length scale

Attempting to estimate the weight of a pike from its length is a risky business. For any given length pike can vary in weight by a great amount. There are a number of factors which can govern overall weight - the quality and availability of food, and the length of time which has passed since the pike's last meal being just two. Weight also varies depending on time of year and the state of development of the ovaries in female pike.

Length (Inches)	Probable Common Variations (Pounds)	Average of Probable Common Variations (Pounds)	Probable Mean Weight (Pounds)	Extreme Expectation Of Weight (Pounds)
39	16.5 to 24.5	20.5	22	27
40	18 to 28.5	23.25	24.5	32.75
41	19 to 31.5	25.25	27.25	36
42	20.5 to 34	27.25	29.5	39
43	21.5 to 36.5	29	32.25	41.25
44	23 to 39	31	34.5	43.75
45	24.5 to 41.5	33	37	46
46	26 to 44	35	39.5	48.5
47	27.75 to 46.25	37	42	50.75
48	29.5 to 48.75	39.125	44.5	53.25
49	32.5 to 51.25	41.875	47	55.5
50	33.75 to 53.75	43.75	49.5	58
51	36 to 56.25	46.125	53	60.35
52	38.5 to 58.75	48.625	54.5	62.75
53	41 to 61	51	56.75	65

The table above is based on that compiled by Fred Buller to cover a range of possible condition variations. Length measurements are tip of snout to fork of tail. To convert extreme length (snout to tip of tail) to fork length divide by 1.055. To convert fork length to extreme length multiply by 1.055.

WEIGHT CALCULATION FORMULA

There is also a formula that might be of some use in calculating approximate weights of pike (in pounds) if you have the girth and extreme length measurements (in inches). The formula is:

$$\text{weight} = \text{length} \times \text{girth} \times \text{girth} \div 800$$

$$(W = L \times G^2 \div 800)$$

We are indebted to Fred Buller for permission to use his classic book "*Pike*" as a source for information on this page.

