

Firewood Hauling Capabilities of Pickup Truck Beds

1 Cord=128 Cubic Feet

Subtract 1.5 cubic feet to account for wheel well

Truck Size	CF= CUBIC FEET	Truck Size	Cubic Ft.
FULL SIZE PICKUP W/8' BED	68.5 CF	SMALL PICKUP W/6' BED	30.5 CF
Truck loads to equal 1 cord	1.9	Truck loads to equal 1 cord	4.2
FULL SIZE PICKUP W/SHORT BED	48.5 CF	SMALL PICKUP W/7' BED	36.5 CF
Truck loads to equal 1 cord	2.6	Truck loads to equal 1 cord	3.5
FULL SIZE PICKUP W/8' STEPSIDE	48.5 CF	SMALL PICKUP W/8' BED	42.5 CF
Truck loads to equal 1 cord	2.6	Truck loads to equal 1 cord	
		Remember: Cubic footage based on full level bed w/out accounting for the wheel well	
FULL SIZE PICKUP W/6.5' STEPSIDE	38.5 CF		
Truck loads to equal 1 cord	3.3		

BTU Values for Interior Alaska Tree Species

Estimating Cords in the Field

Fuel Type:	Density:	Lbs/cord	Energy Content - Btu/cord	Tree Circ.	Tree Dia.	Cords/Tree	Trees/cord
Birch *1	41	3,485	23,600,000	16 in	5	0.03	35
White Spruce*1	30	2,550	18,100,000	19 in	6	0.05	20
Black Spruce*2	29.2	2,482	15,900,000	22 in	7	0.06	17 1/2
Aspen*1	28.4	2,414	16,600,000	25 in	8	0.08	12
Poplar*1	25.5	2,168	15,000,000	28 in	9	0.11	9
Tamarack*2	38.2	3,247	16,000,000	31 in	10	0.14	7
1-Values from "Purchasing Firewood in Alaska" publ. 10/96, AK DNR				38 in	12	0.20	5
2-Values from the Encyclopedia of Alternative Energy and Sustainable Living, publ. 7/16/06				41 in	13	0.25	4
				44 in	14	0.30	31/2
				47 in	15	0.36	23/4
				50 in	16	0.44	21/4
				53 in	17	0.52	2
				56.5 in	18	0.59	13/4
				63 in	20	0.70	1 1/4
All measurements taken at 4.5 ft above ground. Source: Ontario Woodlot Assoc., 1991							