

Firewood Hauling Capacities of Pickup Truck Beds

1 Cord = 128 Cubic Feet

Subtrack 1.5 cubic feet to account for Wheel Well

Truck Size	CF = Cubic Feet	Truck Size	CF = Cubic Feet
FULL SIZE PICKUP W/8' BOX	68.5 CF	SMALL PICKUP W/6' BOX	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' BOX	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' BOX	42.5 CF
Truck loads to equal 1 cord	2.6	Truck loads to equal 1 cord	3
FULL SIZE PICKUP W/6.5' STEPSIDE	38.5 CF		
Truck loads to equal 1 cord	3.3		

REMEMBER: Cubic footage based on full level bed without accounting for the wheel well

BTU Values for Interior Alaska Tree Species

Fuel Type:	Density:	Lbs per cord	Energy Content
Birch ¹	41	3,485	23,600,000 Btu/cord
White Spruce ¹	30	2,550	18,100,000 Btu/cord
Black Spruce ²	29.2	2,482	15,900,000 Btu/cord
Aspen ¹	28.4	2,414	16,600,000 Btu/cord
Poplar ¹	25.5	2,168	15,000,000 Btu/cord
Tamarack ²	38.2	3,247	16,000,000 Btu/cord
1 - Values taken from Purchasing Firewood in Alaska Published 10/96, AK DNR/DOF/CFP.			
2 - Values taken from the Encyclopedia of Alternative Energy and Sustainable Living: 16 July 2006			

Estimating Cords in the Field

Tree Circ.	Tree Dia.	Cords/Tree	Trees/cord
16 "	5	0.03	35
19 "	6	0.05	20
22 "	7	0.06	171/2
25 "	8	0.08	12
28 "	9	0.11	9
31 "	10	0.14	7
38 "	12	0.2	5
41 "	13	0.25	4
44 "	14	0.3	31/2
47 "	15	0.36	23/4
50 "	16	0.44	21/4
53 "	17	0.52	2
56.5 "	18	0.59	13/4
63 "	20	0.7	1 1/4
<i>All Measurements taken at 4.5' above the ground</i>			
<i>Source: Ontario Woodlot Association, 1991</i>			