

Heat Loss - No Frost Proof Shallow Foundation										
	SF / LF		Degree Days	Delta T low temp to 65 degrees	DD adj for soil temp vs air temp		R Value Conc Foundation Wall, rim joist sidings, plantings, air films	BTU per yr per sf	SF 30x30 house	Equiv. Gal Oil
3 feet above ground inc rim joist	3	Air temp	7000	70	100%	7000	2	84,000	30,240,000	274.91
4 feet below ground	4	32 degrees		28	40%	2800	1	67,200	32,256,000	293.24
4 - 8 feet below ground	4	50 degrees		10	14%	1000	1	24,000	11,520,000	104.73
Total Heat Loss									74,016,000	672.87