

Data Table 1

	A	B	C	D	E	F
Window Orientation	Number of windows	Total window area	44° latitude	Total daily heat gain (Btu)	Total monthly heat gain (Btu)	Winter heat gain for each window orientation
North	1	16'	Nov - 104 Dec - 82 Jan - 102 Feb - 148 Mar - 208	Nov (x30)=1,664 Dec (x31)=1,312 Jan (x31)=1,632 Feb (x28)=2,568 Mar (x31)=3,328	Nov=49,920 Dec=40,672 Jan=50,592 Feb=66,304 Mar=103,168	310,656 Btu
Northeast	1	16'	Nov - 109 Dec - 83 Jan - 107 Feb - 183 Mar - 347	Nov (x30)=1,744 Dec (x31)=1,328 Jan (x31)=1,712 Feb (x28)=2,928 Mar (x31)=5,552	Nov=52,320 Dec=41,168 Jan=53,072 Feb=81,984 Mar=172,112	400,656 Btu
East	1	16'	Nov - 399 Dec - 307 Jan - 405 Feb - 603 Mar - 829	Nov (x30)=6,384 Dec (x31)=4,912 Jan (x31)=6,480 Feb (x28)=9,648 Mar (x31)=13,264	Nov=191,520 Dec=152,272 Jan=200,880 Feb=270,144 Mar=411,184	1,226,000 Btu
Southeast	1	16'	Nov - 983 Dec - 307 Jan - 1004 Feb - 1148 Mar - 1206	Nov (x30)=15,728 Dec (x31)=4,912 Jan (x31)=16,064 Feb (x28)=18,368 Mar (x31)=19,296	Nov=471,840 Dec=152,272 Jan=497,984 Feb=514,304 Mar=598,176	2,234,576 Btu
South	1	16'	Nov - 1388 Dec - 1292 Jan - 1420 Feb - 1506 Mar - 1342	Nov (x30)=22,208 Dec (x31)=20,672 Jan (x31)=22,720 Feb (x28)=24,096 Mar (x31)=21,472	Nov=666,240 Dec=640,832 Jan=704,320 Feb=674,688 Mar=665,632	3,351,712 Btu
Southwest	1	16'	Nov - 983 Dec - 307 Jan - 1004 Feb - 1148 Mar - 1206	Nov (x30)=15,728 Dec (x31)=4,912 Jan (x31)=16,064 Feb (x28)=18,368 Mar (x31)=19,296	Nov=471,840 Dec=152,272 Jan=497,984 Feb=514,304 Mar=598,176	2,234,576 Btu
West	1	16'	Nov - 399 Dec - 307 Jan - 405 Feb - 603 Mar - 829	Nov (x30)=6,384 Dec (x31)=4,912 Jan (x31)=6,480 Feb (x28)=9,648 Mar (x31)=13,264	Nov=191,520 Dec=152,272 Jan=200,880 Feb=270,144 Mar=411,184	1,226,000 Btu
Northwest	1	16'	Nov - 109 Dec - 83 Jan - 107 Feb - 183 Mar - 347	Nov (x30)=1,744 Dec (x31)=1,328 Jan (x31)=1,712 Feb (x28)=2,928 Mar (x31)=5,552	Nov=52,320 Dec=41,168 Jan=53,072 Feb=81,984 Mar=172,112	400,656 Btu
						Total Btu= 11,384,832