

# WATCH THAT ICE

In the wintertime, outdoor enthusiasts frequently need to know how thick the ice is and whether it is safe to walk across it. The American Pulpwood Association has published a handy reference chart that gives a good *rule-of-thumb* for pond and lake ice thickness.

Ice Thickness in inches	Permissible Load clear, blue lake ice*
2	One person on foot
3	Group, single file
7.5	Passenger car, 2-ton gross
8	Light truck, 2.5-ton gross
10	Medium truck, 3.5-ton gross
12	Heavy truck, 7 - to 8-ton gross
15	10 tons
20	25 tons
25	45 tons
30	70 tons
36	110 tons

\* This table is for clear, blue ice on lakes. Reduce strength values by 15 percent for clear blue river ice. Slush ice is only one-half the strength of blue ice. This table does not apply for parked loads.



Courtesy of:  
Dept. of Inland Fisheries & Wildlife  
Safety Division  
284 State Street  
41 State House Station  
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Estimated Wind mph	Actual Thermometer Reading °F											
	50	40	30	20	10	0	-10	-20	-30	-40	-50	-60
	Equivalent Temperature °F											
Calm	50	40	30	20	10	0	-10	-20	-30	-40	-50	-60
5	48	37	27	16	6	-5	-15	-26	-36	-47	-57	-68
10	40	28	16	4	-9	-21	-33	-46	-58	-70	-83	-95
15	36	22	9	-5	-18	-36	-45	-58	-72	-85	-99	-112
20	32	18	4	-10	-25	-39	-53	-67	-82	-96	-110	-124
25	30	16	0	-15	-29	-44	-59	-74	-88	-104	-118	-133
30	28	13	-2	-18	-33	-48	-63	-79	-94	-109	-123	-140
35	27	11	-4	-20	-35	-49	-67	-82	-98	-113	-129	-145
40	26	10	-6	-21	-37	-53	-69	-85	-100	-116	-132	-148
Wind Speeds Greater than 40 mph have little additional effect	Little Danger for Properly Dresses Person						Increasing <b>DANGER!</b>			<b>GREAT DANGER!</b>		
							DANGER from Freezing of exposed flesh					

## WIND CHILL