

Wind Load Estimates for WTC 1

Source	Year	Base Shear 10 ³ kips (1000 pound loads)			Base Moment 10 ⁶ kips-ft		
		North-South	East - West	Most unfavorable combined peak (maximum load)	About North-South	About East-West	Most unfavorable combined peak (maximum load)
NYC Building Code	1938	5.3	5.3		4.2	4.2	
NYC Building Code (used when WTC towers built)	1968 to date	9.3	9.3		7.7	7.7	
Original WTC Design Wind Loads (clarified July 2004)	1960's	9.8	10.6	14.0	10.3	9.1	13.7
NIST "Best Estimate" Wind Load Estimates	2004	14.1	13.0	16.1	12.4	13.1	15.1

Wind Load Estimates for WTC 2

Source	Year	Base Shear 10 ³ kips (1000 pound loads)			Base Moment 10 ⁶ kips-ft		
		North-South	East - West	Most unfavorable combined peak (maximum load)	About North-South	About East-West	Most unfavorable combined peak (maximum load)
NYC Building Code	1938	5.3	5.3		4.2	4.2	
NYC Building Code (used when WTC towers built)	1968 to date	9.3	9.3		7.7	7.7	
Original WTC Design Wind Loads (clarified July 2004)	1960's	13.1	10.1	16.5	8.8	12.6	15.2
NIST "Best Estimate" Wind Load Estimates	2004	12.2	14.0	15.6	12.8	11.6	14.3