## Table 27.6-2 MWFRS- Part 2: Wind Loads - Roof Exposure C

MWFRS - Roof V = 110-120 mph h = 15-40 ft.

	V (MPH)		110					115					120				
		Load			Zone					Zone					Zone		
h (ft)	Roof Slope	Case	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
40	Flat < 2:12 (9.46 deg)	1	NA	NA	-29.1	-26.0	-21.3	NA	NA	-31.8	-28.4	-23.3	NA	NA	-34.7	-30.9	-25.3
		2	NA	NA	0.0	0.0	0.0	NA	NA	0.0	0.0	0.0	NA	NA	0.0	0.0	0.0
	3:12 (14.0 deg)	1	-28.6	-19.4	-29.1	-26.0	-21.3	-31.2	-22.5	-31.8	-28.4	-23.3	-34.0	-23.1	-34.7	-30.9	-25.3
		2	4.1	-5.8	0.0	0.0	0.0	4.5	-6.3	0.0	0.0	0.0	4.9	-6.9	0.0	0.0	0.0
	4:12 (18.4 deg)	1	-23.5	-19.0	-29.1	-26.0	-21.3	-25.7	-20.7	-31.8	-28.4	-23.3	-28.0	-22.6	-34.7	-30.9	-25.3
		2	8.1	-8.3	0.0	0.0	0.0	8.9	-9.1	0.0	0.0	0.0	9.7	-9.9	0.0	0.0	0.0
	5:12 (22.6 deg)	1	-18.8	-19.0	-29.1	-26.0	-21.3	-20.6	-20.7	-31.8	-28.4	-23.3	-22.4	-22.6	-34.7	-30.9	-25.3
		2	10.8	-9.1	0.0	0.0	0.0	11.8	-9.9	0.0	0.0	0.0	12.9	-10.8	0.0	0.0	0.0
	6:12 (26.6 deg)	1	-15.1	-19.0	-29.1	-26.0	-21.3	-16.5	-20.7	-31.8	-28.4	-23.3	-18.0	-22.6	-34.7	-30.9	-25.3
		2	12.0	-9.1	0.0	0.0	0.0	13.1	-9.9	0.0	0.0	0.0	14.2	-10.8	0.0	0.0	0.0
	9:12 (36.9 deg)	1	-8.8	-19.0	-29.1	-26.0	-21.3	-9.6	-20.7	-31.8	-28.4	-23.3	-10.4	-22.6	-34.7	-30.9	-25.3
		2	14.3	-9.1	0.0	0.0	0.0	15.6	-9.9	0.0	0.0	0.0	17.0	-10.8	0.0	0.0	0.0
	12:12 (45.0 deg)	1	-4.9	-19.0	-29.1	-26.0	-21.3	-5.4	-20.7	-31.8	-28.4	-23.3	-5.9	-22.6	-34.7	-30.9	-25.3
		2	14.3	-9.1	0.0	0.0	0.0	15.6	-9.9	0.0	0.0	0.0	17.0	-10.8	0.0	0.0	0.0
	Flat < 2:12 (9.46 deg)	1	NA	NA	-27.4	-24.4	-20.0	NA	NA	-30.0	-26.7	-21.9	NA	NA	-32.6	-29.1	-23.9
		2	NA	NA	0.0	0.0	0.0	NA	NA	0.0	0.0	0.0	NA	NA	0.0	0.0	0.0
	3:12 (14.0 deg)	1	-26.9	-18.3	-27.4	-24.4	-20.0	-29.4	-21.2	-30.0	-26.7	-21.9	-32.0	-21.8	-32.6	-29.1	-23.9
		2	3.9	-5.5	0.0	0.0	0.0	4.2	-6.0	0.0	0.0	0.0	4.6	-6.5	0.0	0.0	0.0
	4:12 (18.4 deg)	1	-22.1	-17.8	-27.4	-24.4	-20.0	-24.2	-19.5	-30.0	-26.7	-21.9	-26.3	-21.2	-32.6	-29.1	-23.9
30		2	7.7	-7.8	0.0	0.0	0.0	8.4	-8.6	0.0	0.0	0.0	9.1	-9.3	0.0	0.0	0.0
	5:12 (22.6 deg)	1	-17.7	-17.8	-27.4	-24.4	-20.0	-19.4	-19.5	-30.0	-26.7	-21.9	-21.1	-21.2	-32.6	-29.1	-23.9
		2	10.2	-8.5	0.0	0.0	0.0	11.1	-9.3	0.0	0.0	0.0	12.1	-10.2	0.0	0.0	0.0
	6:12 (26.6 deg)	1	-14.3	-17.8	-27.4	-24.4	-20.0	-15.6	-19.5	-30.0	-26.7	-21.9	-17.0	-21.2	-32.6	-29.1	-23.9
		2	11.3	-8.5	0.0	0.0	0.0	12.3	-9.3	0.0	0.0	0.0	13.4	-10.2	0.0	0.0	0.0
	9:12 (36.9 deg)	1	-8.3	-17.8	-27.4	-24.4	-20.0	-9.0	-19.5	-30.0	-26.7	-21.9	-9.8	-21.2	-32.6	-29.1	-23.9
		2	13.4	-8.5	0.0	0.0	0.0	14.7	-9.3	0.0	0.0	0.0	16.0	-10.2	0.0	0.0	0.0
	12:12 (45.0 deg)	1	-4.7	-17.8	-27.4	-24.4	-20.0	-5.1	-19.5	-30.0	-26.7	-21.9	-5.5	-21.2	-32.6	-29.1	-23.9
		2	13.4	-8.5	0.0	0.0	0.0	14.7	-9.3	0.0	0.0	0.0	16.0	-10.2	0.0	0.0	0.0
20	Flat < 2:12 (9.46 deg)	1	NA	NA	-25.2	-22.4	-18.4	NA	NA	-27.5	-24.5	-20.1	NA	NA	-30.0	-26.7	-21.9
		2	NA	NA	0.0	0.0	0.0	NA	NA	0.0	0.0	0.0	NA	NA	0.0	0.0	0.0
	3:12 (14.0 deg)	1	-24.7	-16.8	-25.2	-22.4	-18.4	-27.0	-19.4	-27.5	-24.5	-20.1	-29.4	-20.0	-30.0	-26.7	-21.9
	440 (404 )	2	3.6	-5.0	0.0	0.0	0.0	3.9	-5.5	0.0	0.0	0.0	4.2	-6.0	0.0	0.0	0.0
	4:12 (18.4 deg)	1	-20.3	-16.4	-25.2	-22.4	-18.4	-22.2	-17.9	-27.5	-24.5	-20.1	-24.2	-19.5	-30.0	-26.7	-21.9
	- 10 (00 0 1 )	2	7.0	-7.2	0.0	0.0	0.0	7.7	-7.9	0.0	0.0	0.0	8.4	-8.6	0.0	0.0	0.0
	5:12 (22.6 deg)	1	-16.3	-16.4	-25.2	-22.4	-18.4	-17.8	-17.9	-27.5	-24.5	-20.1	-19.4	-19.5	-30.0	-26.7	-21.9
		2	9.4	-7.8	0.0	0.0	0.0	10.2	-8.6	0.0	0.0	0.0	11.1	-9.3	0.0	0.0	0.0
	6:12 (26.6 deg)	1	-13.1	-16.4	-25.2	-22.4	-18.4	-14.3	-17.9	-27.5	-24.5	-20.1	-15.6	-19.5	-30.0	-26.7	-21.9
	0.40 (00.0 1 )	2	10.3	-7.8	0.0	0.0	0.0	11.3	-8.6	0.0	0.0	0.0	12.3	-9.3	0.0	0.0	0.0
	9:12 (36.9 deg)	1	-7.6	-16.4	-25.2	-22.4	-18.4	-8.3	-17.9	-27.5	-24.5	-20.1	-9.0	-19.5	-30.0	-26.7	-21.9
	40:40 (45.0 des)	2	12.3	-7.8	0.0	0.0	0.0	13.5	-8.6	0.0	0.0	0.0	14.7	-9.3	-30.0	0.0 -26.7	0.0
	12:12 (45.0 deg)	1	-4.3	-16.4	-25.2	-22.4	-18.4	-4.7	-17.9	-27.5	-24.5	-20.1	-5.1	-19.5			-21.9
	FI-4 4 0:40 /0 40 1	2	12.3	-7.8	0.0	0.0	0.0	13.5	-8.6	0.0	0.0	0.0	14.7	-9.3	0.0	0.0	0.0
15	Flat < 2:12 (9.46 deg)	1	NA	NA	-23.7	-21.1	-17.3	NA	NA	-25.9	-23.1	-18.9	NA	NA	-28.2	-25.1	-20.6
	0.40 (// 0.1.	2	NA	NA 45.0	0.0	0.0	0.0	NA OF 4	NA 40.0	0.0	0.0	0.0	NA 07.7	NA 40.0	0.0	0.0	0.0
	3:12 (14.0 deg)	1	-23.2	-15.8	-23.7		-17.3	-25.4	-18.3		-23.1	-18.9	-27.7	-18.8	-28.2	-25.1	-20.6
		2	3.4	-4.7	0.0	0.0	0.0	3.7	-5.2	0.0	0.0	0.0	4.0	-5.6	0.0	0.0	0.0
	4:12 (18.4 deg)	1	-19.1	-15.4	-23.7	-21.1	-17.3		-16.9	-25.9	-23.1	-18.9	-22.7	-18.4	-28.2	-25.1	-20.6
		2	6.6	-6.8	0.0	0.0	0.0	7.2	-7.4	0.0	0.0	0.0	7.9	-8.1	0.0	0.0	0.0
	5:12 (22.6 deg)	1	-15.3		-23.7	-21.1	-17.3		-16.9	-25.9	-23.1	-18.9	-18.2	-18.4	-28.2	-25.1	-20.6
		2	8.8	-7.4	0.0	0.0	0.0	9.6	-8.1	0.0	0.0	0.0	10.5	-8.8	0.0	0.0	0.0
	6:12 (26.6 deg)	1	-12.3	-15.4	-23.7		-17.3		-16.9	-25.9	-23.1	-18.9	-14.7	-18.4	-28.2	-25.1	-20.6
		2	9.7	-7.4	0.0	0.0	0.0	10.6	-8.1	0.0	0.0	0.0	11.6	-8.8	0.0	0.0	0.0
	9:12 (36.9 deg)	1	-7.1	-15.4	-23.7	-21.1	-17.3	-7.8	-16.9	-25.9	-23.1	-18.9	-8.5	-18.4	-28.2	-25.1	-20.6
		2	11.6	-7.4	0.0	0.0	0.0	12.7	-8.1	0.0	0.0	0.0	13.8	-8.8	0.0	0.0	0.0
	12:12 (45.0 deg)	1	-4.0	-15.4	-23.7	-21.1	-17.3	-4.4	-16.9	-25.9	-23.1	-18.9	-4.8	-18.4	-28.2	-25.1	-20.6
	1	2	11.6	-7.4	0.0	0.0	0.0	12.7	-8.1	0.0	0.0	0.0	13.8	-8.8	0.0	0.0	0.0