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

 $\begin{aligned} MWFRS - Roof \\ V &= 160\text{--}200 \text{ mph} \\ h &= 15\text{--}40 \text{ ft.} \end{aligned}$

	V (MPH)	160							180					200				
- (1.)		Load	Zone					Zone					Zone					
h (ft)	Roof Slope	Case	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	
(,	Flat < 2:12 (9.46 deg)	1	NA	NA	-61.6	-54.9	-45.1	NA	NA	-78.0	-69.5	-57.0	NA	NA	-96.3	-85.8	-70.4	
	1 lat 4 2.12 (3.40 deg)	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	-60.5	-43.5	-61.6	-54.9	-45.1	-76.5	-52.0	-78.0	-69.5	-57.0	-94.5	-64.2	-96.3	-85.8	-70.4	
	(**************************************	2	8.7	-12.3	0.0	0.0	0.0	11.0	-15.5	0.0	0.0	0.0	13.6	-19.2	0.0	0.0	0.0	
	4:12 (18.4 deg)	1	-49.7	-40.1	-61.6	-54.9	-45.1	-62.9	-50.8	-78.0	-69.5	-57.0	-77.7	-62.7	-96.3	-85.8	-70.4	
	(' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	2	17.2	-17.6	0.0	0.0	0.0	21.8	-22.3	0.0	0.0	0.0	26.9	-27.5	0.0	0.0	0.0	
40	5:12 (22.6 deg)	1	-39.9	-40.1	-61.6	-54.9	-45.1	-50.5	-50.8	-78.0	-69.5	-57.0	-62.3	-62.7	-96.3	-85.8	-70.4	
	(, , , , , , , , , , , , , , , , , , ,	2	22.9	-19.2	0.0	0.0	0.0	29.0	-24.3	0.0	0.0	0.0	35.8	-30.0	0.0	0.0	0.0	
	6:12 (26.6 deg)	1	-32.0	-40.1	-61.6	-54.9	-45.1	-40.5	-50.8	-78.0	-69.5	-57.0	-50.0	-62.7	-96.3	-85.8	-70.4	
	(2	25.3	-19.2	0.0	0.0	0.0	32.0	-24.3	0.0	0.0	0.0	39.5	-30.0	0.0	0.0	0.0	
	9:12 (36.9 deg)	1	-18.5	-40.1	-61.6	-54.9	-45.1	-23.5	-50.8	-78.0	-69.5	-57.0	-29.0	-62.7	-96.3	-85.8	-70.4	
	` "	2	30.2	-19.2	0.0	0.0	0.0	38.3	-24.3	0.0	0.0	0.0	47.2	-30.0	0.0	0.0	0.0	
	12:12 (45.0 deg)	1	-10.5	-40.1	-61.6	-54.9	-45.1	-13.2	-50.8	-78.0	-69.5	-57.0	-16.3	-62.7	-96.3	-85.8	-70.4	
	` ",	2	30.2	-19.2	0.0	0.0	0.0	38.3	-24.3	0.0	0.0	0.0	47.2	-30.0	0.0	0.0	0.0	
\neg	Flat < 2:12 (9.46 deg)	1	NA	NA	-58.0	-51.7	-42.4	NA	NA	-73.4	-65.4	-53.7	NA	NA	-90.6	-80.8	-66.3	
	, , , , ,	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	-56.9	-41.0	-58.0	-51.7	-42.4	-72.0	-49.0	-73.4	-65.4	-53.7	-88.9	-60.4	-90.6	-80.8	-66.3	
		2	8.2	-11.5	0.0	0.0	0.0	10.4	-14.6	0.0	0.0	0.0	12.8	-18.0	0.0	0.0	0.0	
	4:12 (18.4 deg)	1	-46.8	-37.8	-58.0	-51.7	-42.4	-59.2	-47.8	-73.4	-65.4	-53.7	-73.1	-59.0	-90.6	-80.8	-66.3	
		2	16.2	-16.6	0.0	0.0	0.0	20.5	-21.0	0.0	0.0	0.0	25.3	-25.9	0.0	0.0	0.0	
30	5:12 (22.6 deg)	1	-37.5	-37.8	-58.0	-51.7	-42.4	-47.5	-47.8	-73.4	-65.4	-53.7	-58.6	-59.0	-90.6	-80.8	-66.3	
		2	21.6	-18.1	0.0	0.0	0.0	27.3	-22.9	0.0	0.0	0.0	33.7	-28.2	0.0	0.0	0.0	
	6:12 (26.6 deg)	1	-30.1	-37.8	-58.0	-51.7	-42.4	-38.2	-47.8	-73.4	-65.4	-53.7	-47.1	-59.0	-90.6	-80.8	-66.3	
		2	23.8	-18.1	0.0	0.0	0.0	30.1	-22.9	0.0	0.0	0.0	37.2	-28.2	0.0	0.0	0.0	
	9:12 (36.9 deg)	1	-17.5	-37.8	-58.0	-51.7	-42.4	-22.1	-47.8	-73.4	-65.4	-53.7	-27.3	-59.0	-90.6	-80.8	-66.3	
		2	28.5	-18.1	0.0	0.0	0.0	36.0	-22.9	0.0	0.0	0.0	44.5	-28.2	0.0	0.0	0.0	
	12:12 (45.0 deg)	1	-9.8	-37.8	-58.0	-51.7	-42.4	-12.5	-47.8	-73.4	-65.4	-53.7	-15.4	-59.0	-90.6	-80.8	-66.3	
		2	28.5	-18.1	0.0	0.0	0.0	36.0	-22.9	0.0	0.0	0.0	44.5	-28.2	0.0	0.0	0.0	
\neg	Flat < 2:12 (9.46 deg)	1	NA	NA	-53.3	-47.5	-38.9	NA	NA	-67.4	-60.1	-49.3	NA	NA	-83.2	-74.2	-60.8	
		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	-52.2	-37.6	-53.3	-47.5	-38.9	-66.1	-45.0	-67.4	-60.1	-49.3	-81.6	-55.5	-83.2	-74.2	-60.8	
		2	7.5	-10.6	0.0	0.0	0.0	9.5	-13.4	0.0	0.0	0.0	11.8	-16.6	0.0	0.0	0.0	
	4:12 (18.4 deg)	1	-43.0	-34.7	-53.3	-47.5	-38.9	-54.4	-43.9	-67.4	-60.1	-49.3	-67.1	-54.2	-83.2	-74.2	-60.8	
		2	14.9	-15.2	0.0	0.0	0.0	18.8	-19.3	0.0	0.0	0.0	23.2	-23.8	0.0	0.0	0.0	
20	5:12 (22.6 deg)	1	-34.5	-34.7	-53.3	-47.5	-38.9	-43.6	-43.9	-67.4	-60.1	-49.3	-53.9	-54.2	-83.2	-74.2	-60.8	
		2	19.8	-16.6	0.0	0.0	0.0	25.1	-21.0	0.0	0.0	0.0	30.9	-25.9	0.0	0.0	0.0	
	6:12 (26.6 deg)	1	-27.7	-34.7	-53.3	-47.5	-38.9	-35.0	-43.9	-67.4	-60.1	-49.3	-43.3	-54.2	-83.2	-74.2	-60.8	
		2	21.9	-16.6	0.0	0.0	0.0	27.7	-21.0	0.0	0.0	0.0	34.1	-25.9	0.0	0.0	0.0	
	9:12 (36.9 deg)	1	-16.0	-34.7	-53.3	-47.5	-38.9	-20.3	-43.9	-67.4	-60.1	-49.3	-25.0	-54.2	-83.2	-74.2	-60.8	
		2	26.1	-16.6	0.0	0.0	0.0	33.1	-21.0	0.0	0.0	0.0	40.8	-25.9	0.0	0.0	0.0	
	12:12 (45.0 deg)	1	-9.0	-34.7	-53.3	-47.5	-38.9	-11.4	-43.9	-67.4	-60.1	-49.3	-14.1	-54.2	-83.2	-74.2	-60.8	
		2	26.1	-16.6	0.0	0.0	0.0	33.1	-21.0	0.0	0.0	0.0	40.8	-25.9	0.0	0.0	0.0	
	Flat < 2:12 (9.46 deg)	1	NA	NA	-50.1	-44.7	-36.6	NA	NA	-63.4	-56.6	-46.4	NA	NA	-78.3	-69.8	-57.3	
		2	NA	NA 05.4	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	-49.2	-35.4	-50.1	-44.7	-36.6	-62.2	-42.3	-63.4	-56.6	-46.4	-76.8	-52.2	-78.3	-69.8	-57.3	
		2	7.1	-10.0	0.0	0.0	0.0	9.0	-12.6	0.0	0.0	0.0	11.1	-15.6	0.0	0.0	0.0	
	4:12 (18.4 deg)	1	-40.4	-32.6	-50.1	-44.7	-36.6	-51.2	-41.3	-63.4	-56.6	-46.4	-63.2	-51.0	-78.3	-69.8	-57.3	
		2	14.0	-14.3	0.0	0.0	0.0	17.7	-18.1	0.0	0.0	0.0	21.9		0.0	0.0	0.0	
15	5:12 (22.6 deg)	1	-32.4	-32.6	-50.1	-44.7	-36.6	-41.1	-41.3	-63.4	-56.6	-46.4	-50.7	-51.0	-78.3	-69.8	-57.3	
		2	18.6	-15.6	0.0	0.0	0.0	23.6	-19.7	0.0	0.0	0.0	29.1	-24.4	0.0	0.0	0.0	
	6:12 (26.6 deg)	1	-26.1	-32.6	-50.1	-44.7	-36.6	-33.0	-41.3	-63.4	-56.6	-46.4	-40.7	-51.0	-78.3	-69.8	-57.3	
		2	20.6	-15.6	0.0	0.0	0.0	26.0	-19.7	0.0	0.0	0.0	32.1	-24.4	0.0	0.0	0.0	
	9:12 (36.9 deg)	1	-15.1	-32.6	-50.1	-44.7	-36.6	-19.1	-41.3	-63.4	-56.6	-46.4	-23.6	-51.0	-78.3	-69.8	-57.3	
		2	24.6	-15.6	0.0	0.0	0.0	31.1	-19.7	0.0	0.0	0.0	38.4	-24.4	0.0	0.0	0.0	
	12:12 (45.0 deg)	1	-8.5	-32.6	-50.1	-44.7	-36.6	-10.8	-41.3	-63.4	-56.6	-46.4	-13.3	-51.0	-78.3	-69.8	-57.3	
l l	12.12 (45.0 deg)	2	24.6	-15.6	0.0	0.0	0.0	31.1	-19.7	0.0	0.0	0.0	38.4	-24.4	0.0	0.0	0.0	