

TTP-A-4 and TTP-A-6 Wind & Snow Load Summary Tables

The tables below show the maximum snow load for these mounts at various wind speed and tilt angles. Larger modules, higher clearance and Schedule-80 pipe will change maximum wind and snow load.

TTP-A-4 Standard location

TTP-A-4 6-inch Sch 40 Pole Module Size 43" x 78"										
Maximum Snow Load (PSF), Exposure B, 6-foot clearance at front edge										
Tilt	90 MPH	95 MPH	100 MPH	105 MPH	110 MPH	120 MPH	130 MPH	140 MPH	150 MPH	160 MPH
0°	50	50	50	50	40	40	40	40	30	30
5°	50	50	50	50	40	40	40	40	30	30
10°	50	50	50	50	40	40	40	40	30	30
15°	50	50	50	50	40	40	40	40	30	15
20°	50	50	50	50	40	40	40	40	30	10
25°	60	60	60	60	40	40	40	30	0	X
30°	70	70	70	70	50	50	40	10	X	X
35°	90	90	90	90	70	70	50	0	X	X
40°	110	110	110	110	90	90	70	X	X	X
45°	150	150	150	150	110	110	70	X	X	X
50°	150	150	150	150	150	150	100	X	X	X
55°	200	200	200	200	200	200	150	X	X	X
60°	200	200	200	200	200	200	200	X	X	X
65°	200	200	200	200	200	200	200	X	X	X

TTP-A-4 High Wind / Snow Load location

TTP-A-4 *HIGH WIND* 6-inch Sch 40 Pole Module Size 43" x 78"										
Maximum Snow Load (PSF), Exposure B, 6-foot clearance at front edge										
Tilt	90 MPH	95 MPH	100 MPH	105 MPH	110 MPH	120 MPH	130 MPH	140 MPH	150 MPH	160 MPH
0°	80	80	80	80	80	80	70	70	60	50
5°	80	80	80	80	80	80	70	70	60	50
10°	80	80	80	80	80	80	70	70	60	50
15°	80	80	80	80	80	80	70	70	60	50
20°	80	80	80	80	80	80	70	70	60	40
25°	90	90	90	90	90	90	80	80	70	30
30°	90	90	90	90	90	90	80	80	70	20
35°	90	90	90	90	90	90	80	80	70	10
40°	90	90	90	90	90	90	80	80	70	X
45°	100	100	100	100	100	100	100	100	60	X
50°	150	150	150	150	150	150	150	150	60	X
55°	200	200	200	200	200	200	200	200	80	X
60°	200	200	200	200	200	200	200	200	100	X
65°	200	200	200	200	200	200	200	200	150	X

TTP-A-6 Standard location

TTP-A-6 6-inch Sch 40 Pole Module Size 43" x 78"										
Maximum Snow Load (PSF), Exposure B, 6-foot clearance at front edge										
Tilt	90 MPH	95 MPH	100 MPH	105 MPH	110 MPH	120 MPH	130 MPH	140 MPH	150 MPH	160 MPH
0°	30	30	30	30	30	25	25	25	20	0
5°	30	30	30	30	30	25	25	25	20	10
10°	30	30	30	30	30	25	20	15	X	X
15°	30	30	30	30	25	25	20	X	X	X
20°	30	30	30	30	25	20	X	X	X	X
25°	35	35	35	30	25	0	X	X	X	X
30°	40	40	35	30	15	X	X	X	X	X
35°	50	50	40	35	15	X	X	X	X	X
40°	70	70	60	35	10	X	X	X	X	X
45°	90	90	80	40	X	X	X	X	X	X
50°	150	150	150	100	X	X	X	X	X	X
55°	150	150	150	100	X	X	X	X	X	X
60°	150	150	150	150	X	X	X	X	X	X
65°	150	150	150	150	X	X	X	X	X	X

TTP-A-6 High Wind / Snow Load location

TTP-A-6 *HIGH WIND* 6-inch Sch 40 Pole Module Size 43" x 78"										
Maximum Snow Load (PSF), Exposure B, 6-foot clearance at front edge										
Tilt	90 MPH	95 MPH	100 MPH	105 MPH	110 MPH	120 MPH	130 MPH	140 MPH	150 MPH	160 MPH
0°	45	45	45	45	45	45	35	35	30	30
5°	45	45	45	45	45	45	35	35	30	30
10°	45	45	45	45	45	45	35	35	30	20
15°	45	45	45	45	45	45	35	30	20	10
20°	45	45	45	45	45	45	35	30	10	X
25°	50	45	45	45	45	45	40	X	X	X
30°	60	60	60	50	45	45	10	X	X	X
35°	70	70	70	60	60	45	5	X	X	X
40°	100	80	80	80	80	50	X	X	X	X
45°	150	140	120	100	100	75	X	X	X	X
50°	200	200	200	200	200	200	X	X	X	X
55°	250	250	250	250	250	250	X	X	X	X
60°	250	250	250	250	250	250	X	X	X	X
65°	250	250	250	250	250	250	X	X	X	X