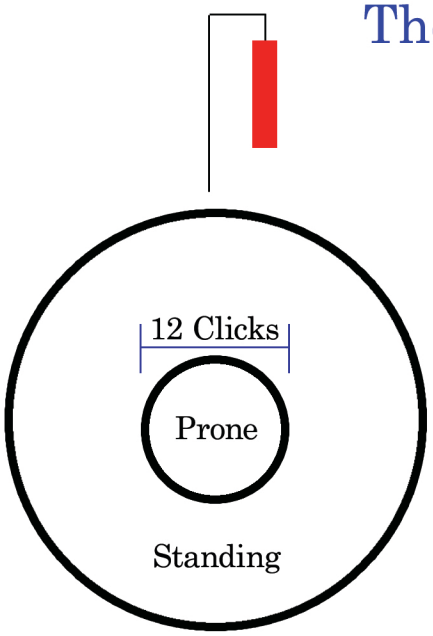
The Basics of Shooting in Windy Conditions

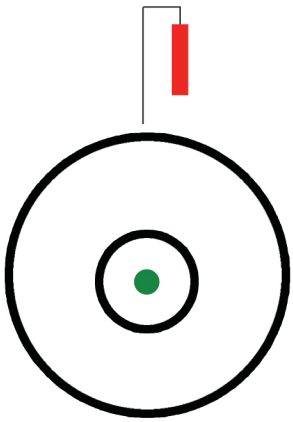


This sheet provides an introduction to adjusting for windage (L/R) and elevation (U/D). In the diagram to the left, the prone ring is slightly larger than in real life relative to the standing ring. This is done intentionally. Unless the wind is gale force, making adjustments for standing are not recommended. That's to say, adjust prone if need be and just go for it in standing with focus on good shots. A few things to notice:

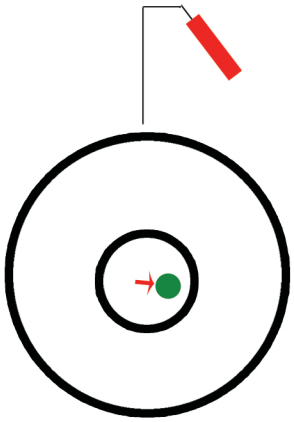
1.) The prone ring is 12 clicks across (Anchutz), which means you would take 6 clicks left to get to center if your first group was on the R edge of the prone ring.

2.) The bullet spins to the R as it leaves the barrel. This causes it to 'fall' slightly faster when pushed from L by the wind & it 'climbs' slightly when pushed from R.

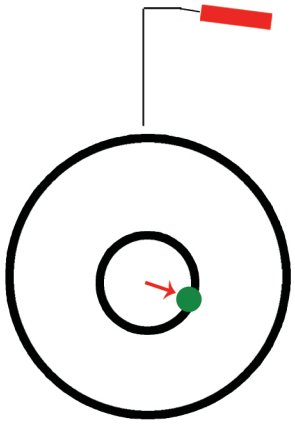
3.) If you decide you need to take clicks, always take at least 2 because 1 is negligible.



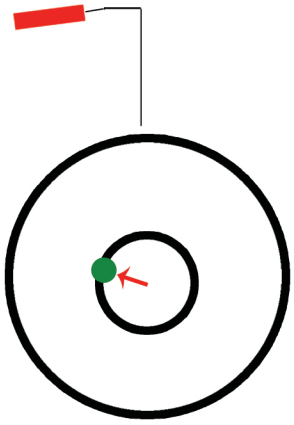
No-wind zero: you have a centered group with no wind on the range. In variable conditions, try to achieve no-wind zero so remembering where you are is easier.



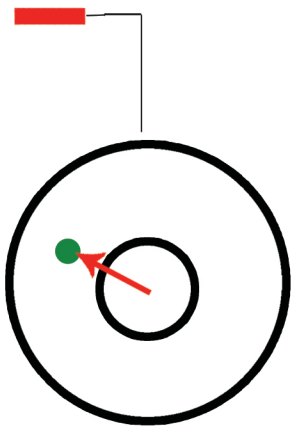
Flag is halfway between vertical & horizontal. Your group has moved ~3 clicks right & ~1 down. Adjust 2-3 left to be centered.



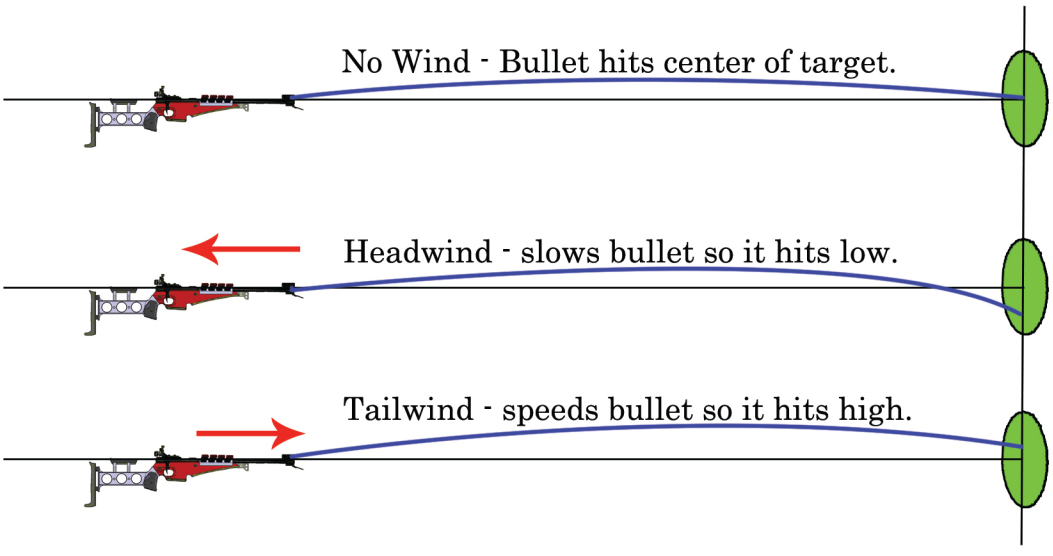
Full value wind pushes your group 6 clicks right & 1-2 clicks down. To adjust for this (if you enter mat with a no-wind zero), click 6 left & 1-2 up.



Full value wind from the R pushes group 6 L & 1-2 clicks up. Adjust by taking the opposite.



Very heavy wind from R (flags are whipping) may push you 8-12L & 3-4 up.



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