

Graphic Wind Gauge Mk 2

Ross Mason

rossnzshooter@gmail.com

Understanding the wind is one of the hardest skills to acquire when learning to shoot bigbore. When I started it is fair to say I had little idea of how to figure minutes to the flags. I have shot 50m for years but the techniques are different. That is, aim off or set the sights for a wind and wait. The brutal dynamic nature of Trentham and other NZ ranges means that a shooter has to make educated guesses, be very brave and switch the sights as the need arises. Time on the range is vital but I am all for finding any trick to ease the progress.

I was introduced to the old Parker Hale wind calculator from day one but always found it cumbersome, it just had numbers and was not that intuitive. I have seen attempts at graphing windage on some plotting sheets but invariably they only include one quarter of the circle. I was a visual thinker and needed a better picture and I thought that a two dimensional picture might be more useful.

How to use the Wind Gauge

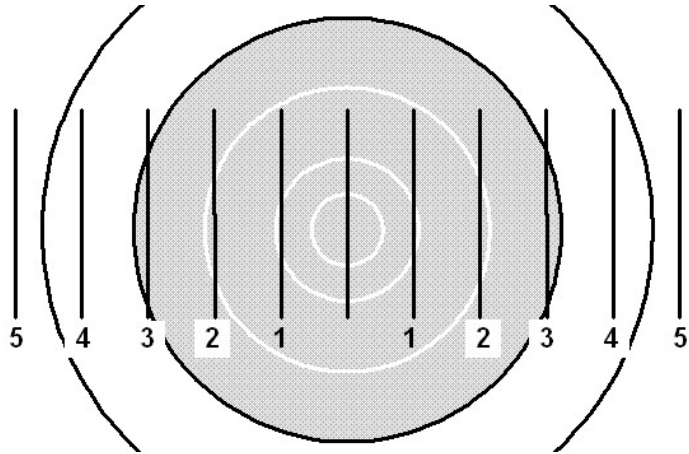
1. Identify which flag is appropriate,
2. Identify the flag circle associated with the flag. The colours of the numbers next to the flag match the circle colour.
3. Follow the flag circle around to intersect the direction line.
4. At the intersection point read off which concentric windage circle is closest.

Hint: Imagine the gauge sits over the range like a map. Print on light green paper to reduce glare.

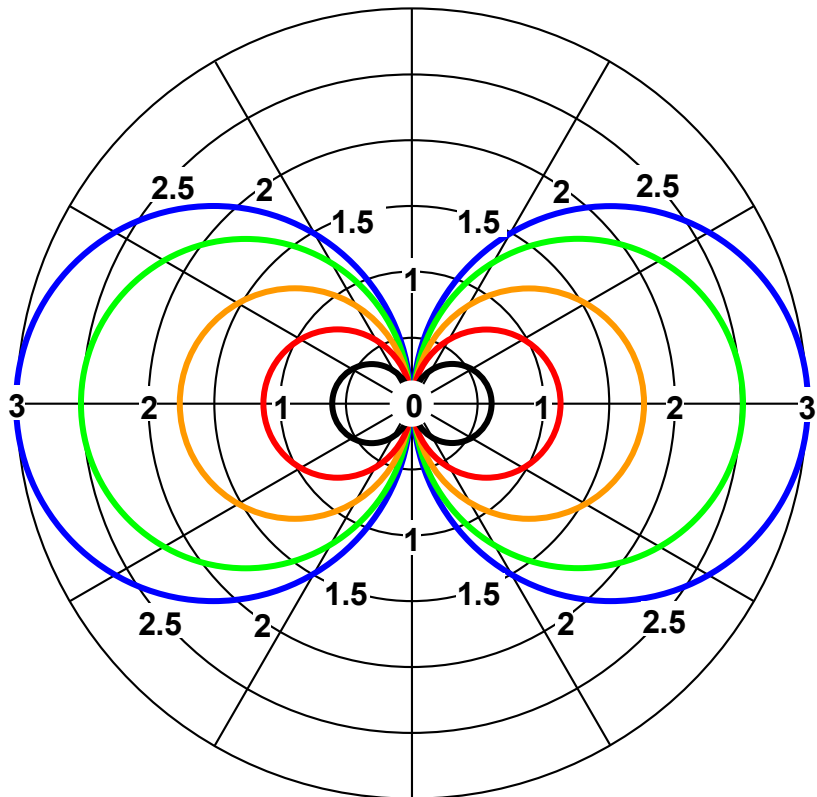
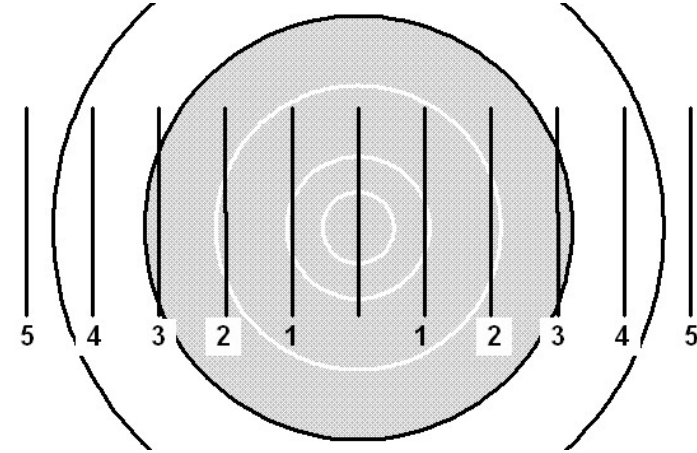
The Target on each sheet shows the true minutes (1.046 inches per 100yds) across the target from the centre of the bull. These are the latest ICFRA targets. Printing in colour and double-sided gives two copies.

Note: This Wind Gauge is based on the results from the old circular Parker Hale Wind Computer. I have slightly massaged them to smooth them out over the wind range as it was obvious that someone had rounded the numbers a little bit.

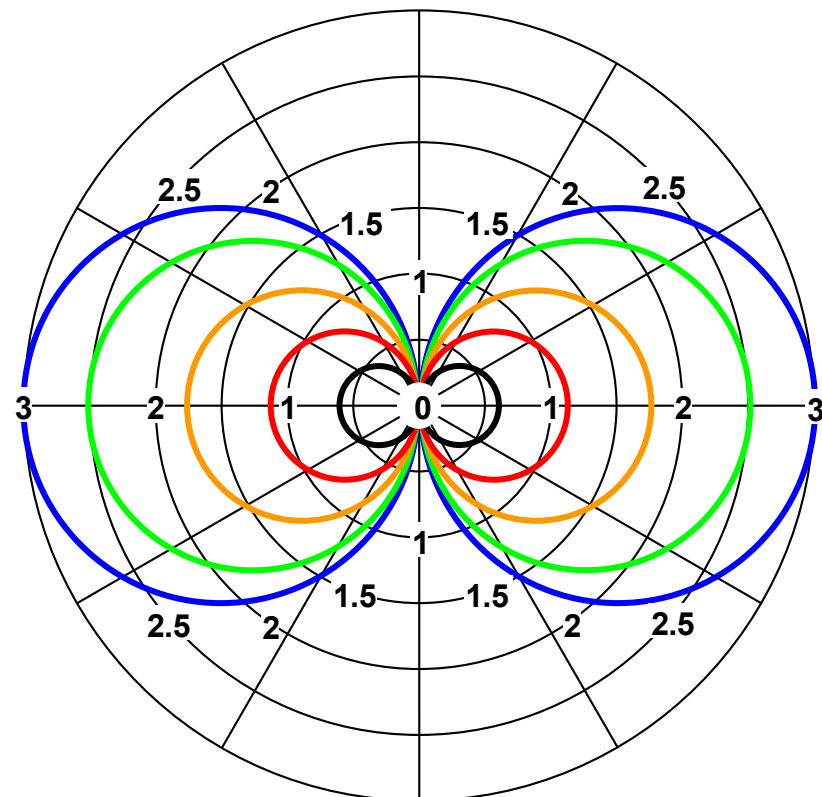
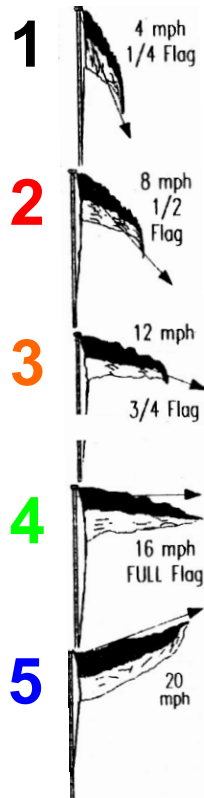
300



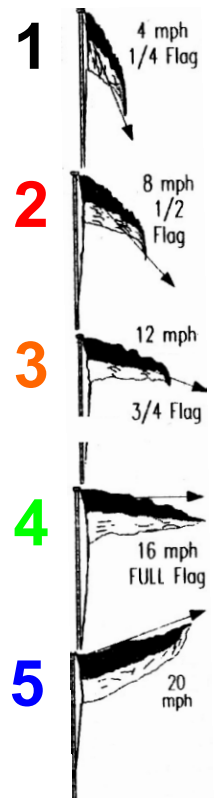
300



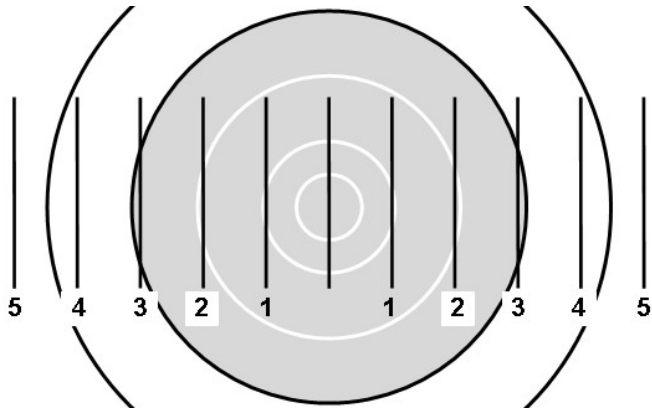
© Ross Mason 2023



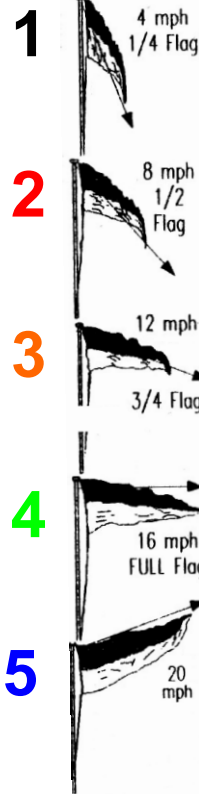
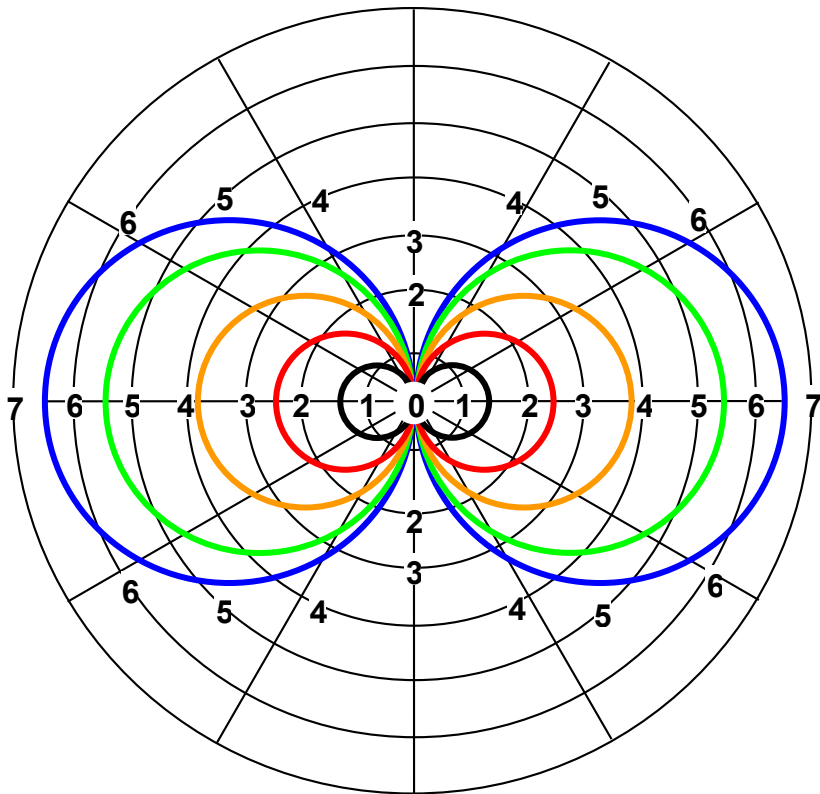
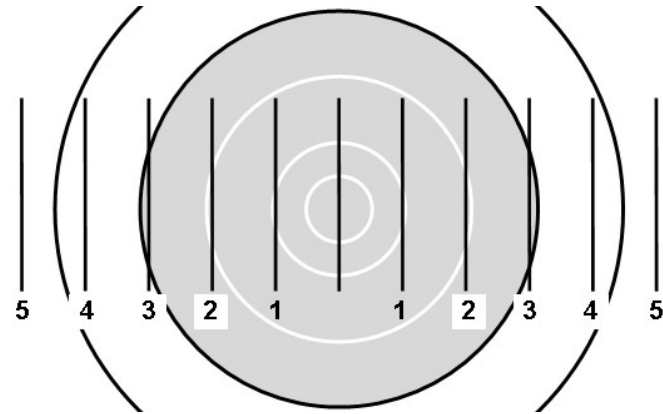
© Ross Mason 2023



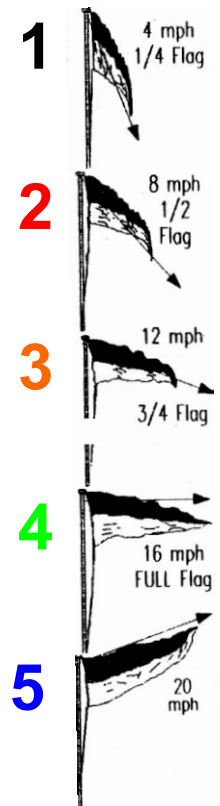
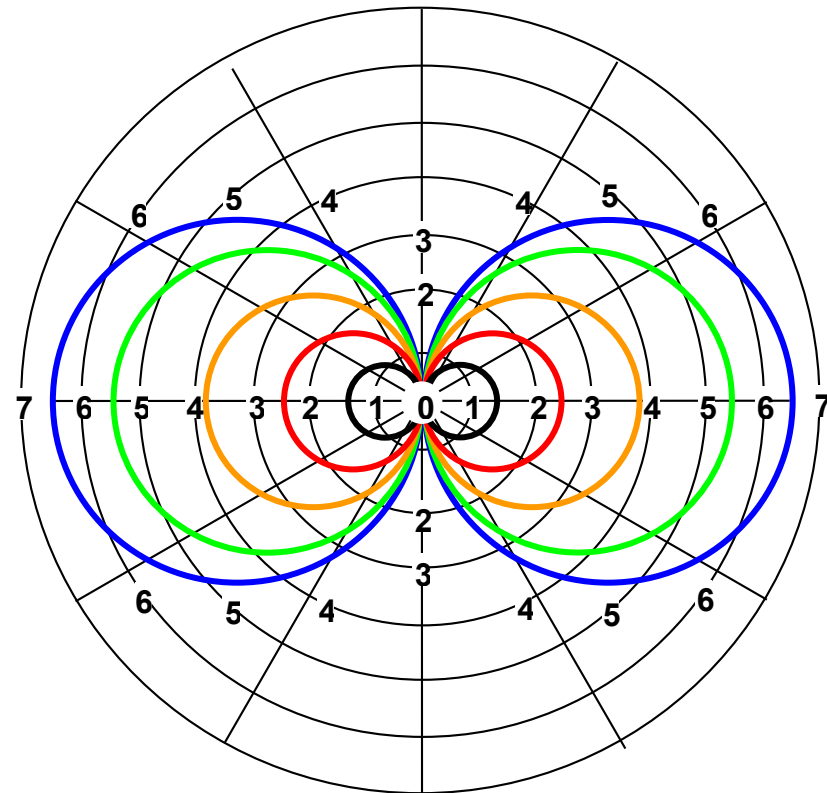
500



500

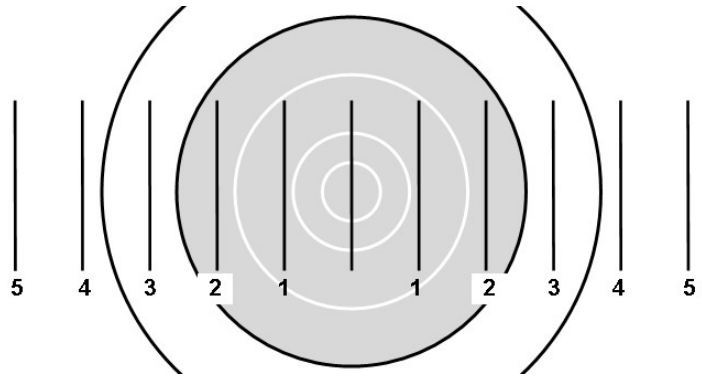


© Ross Mason 2023

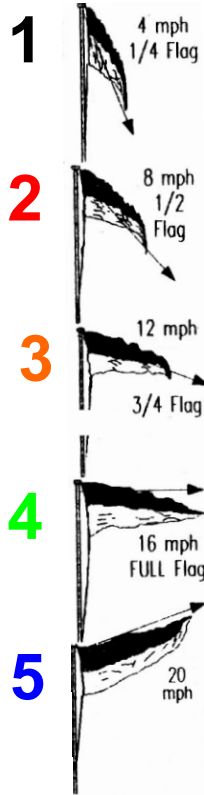
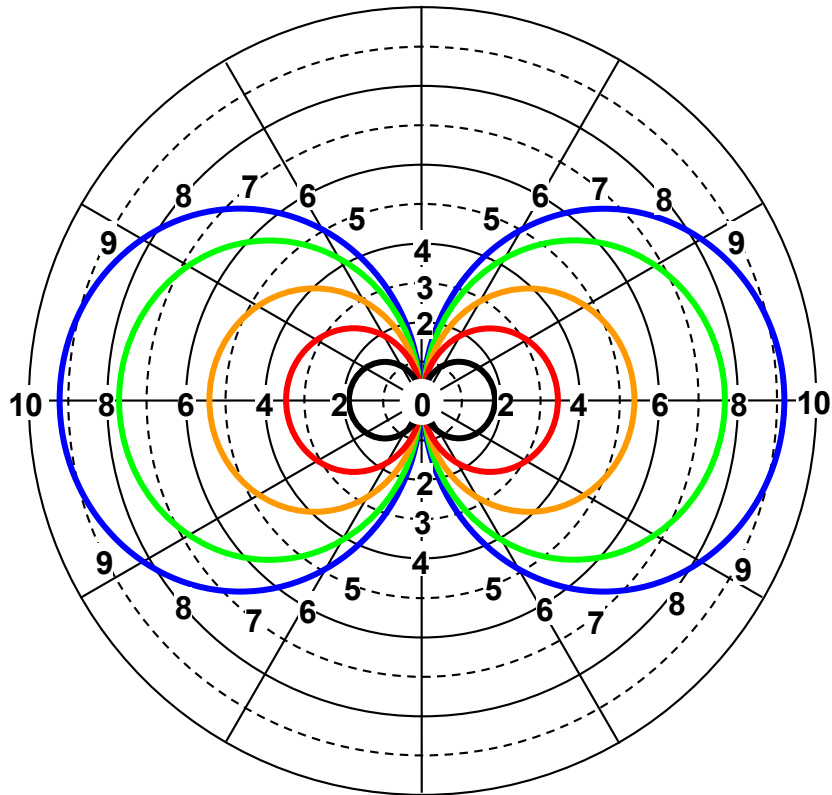
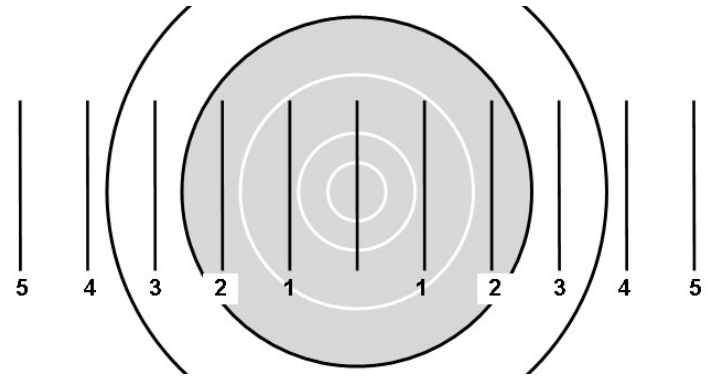


© Ross Mason 2023

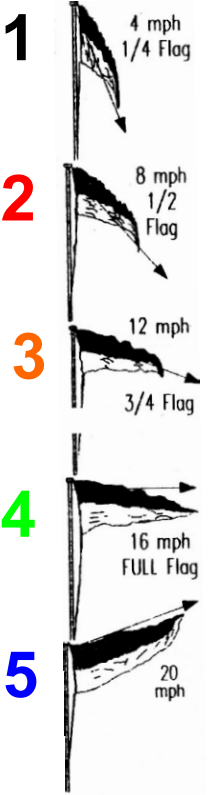
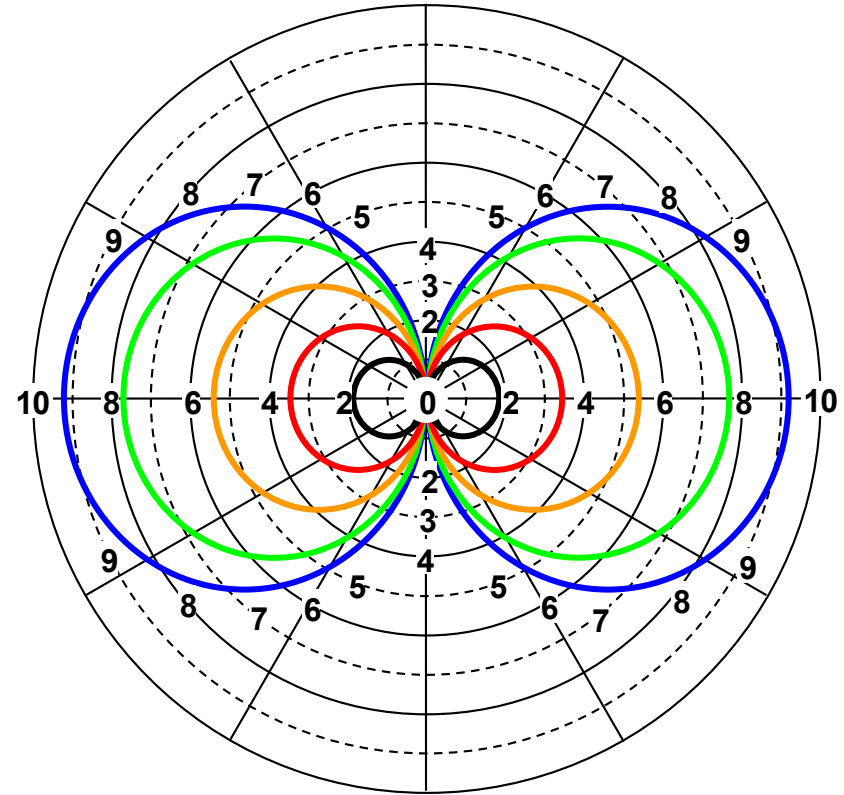
600



600

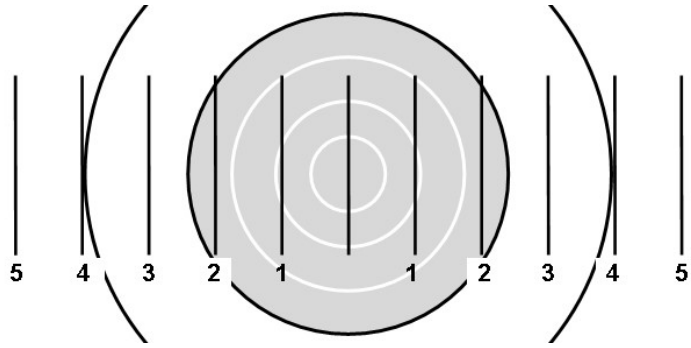


© Ross Mason 2023

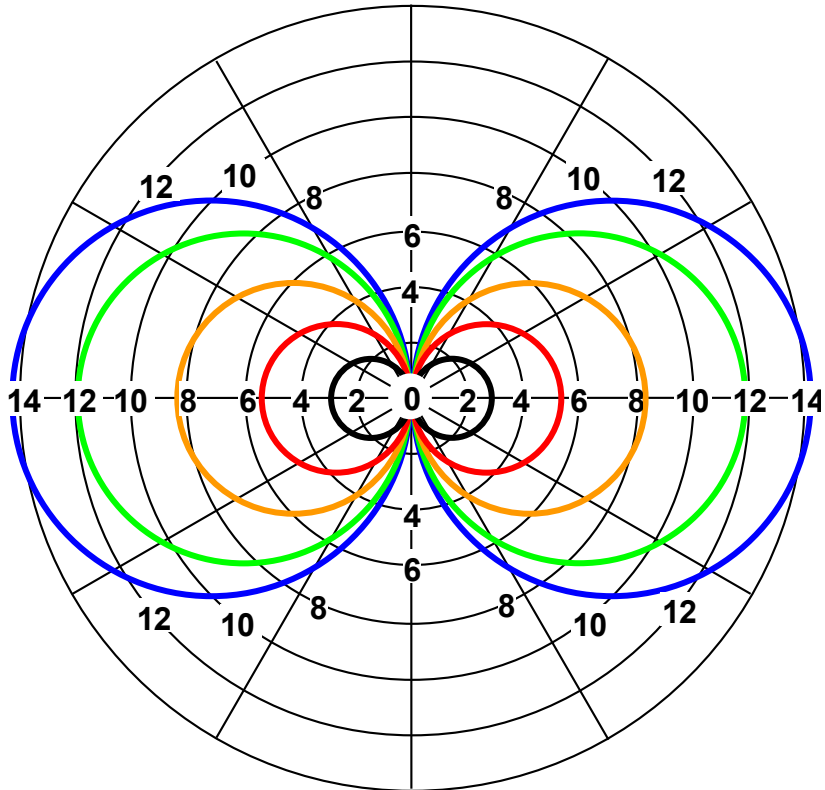
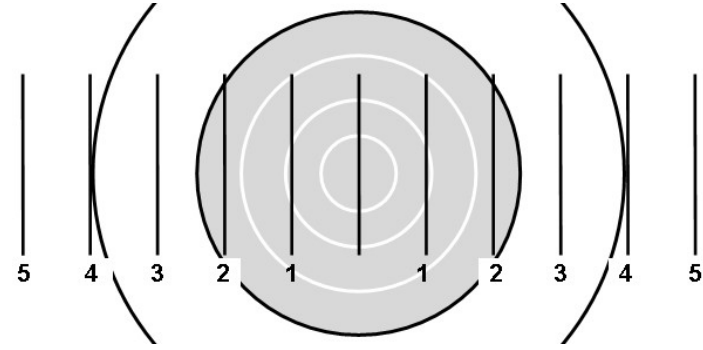


© Ross Mason 2023

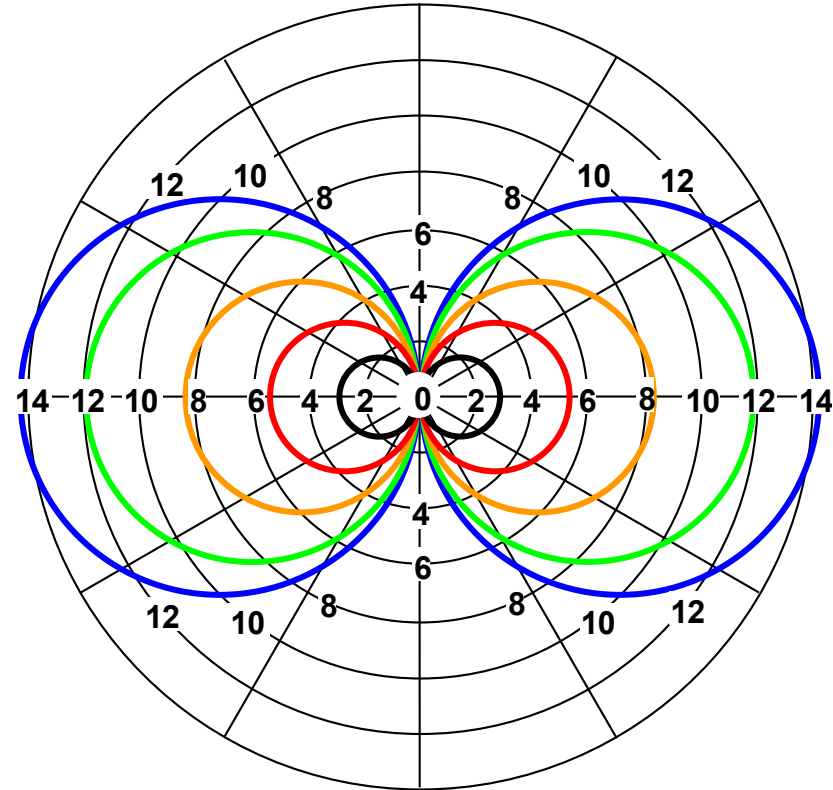
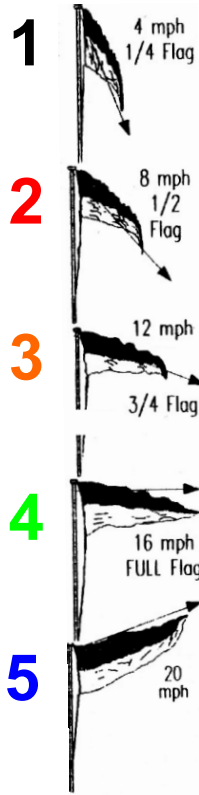
800



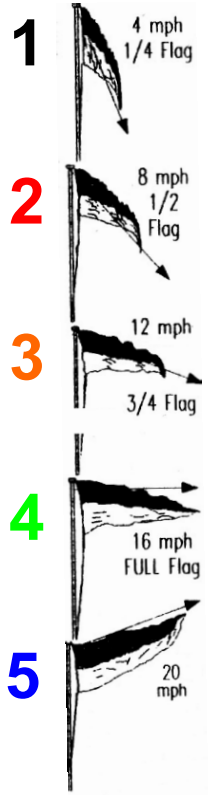
800



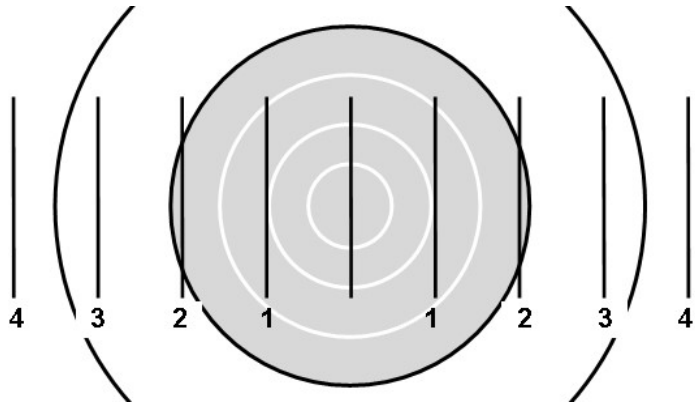
© Ross Mason 2023



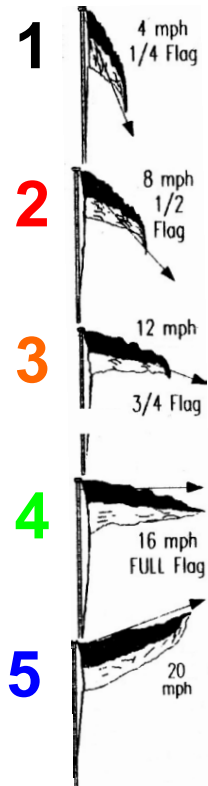
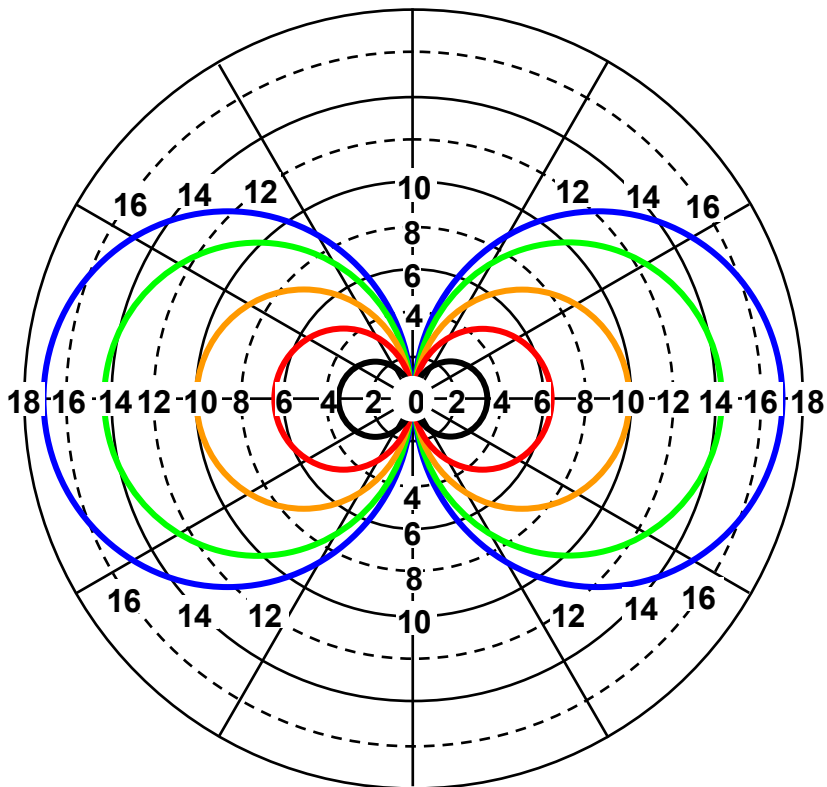
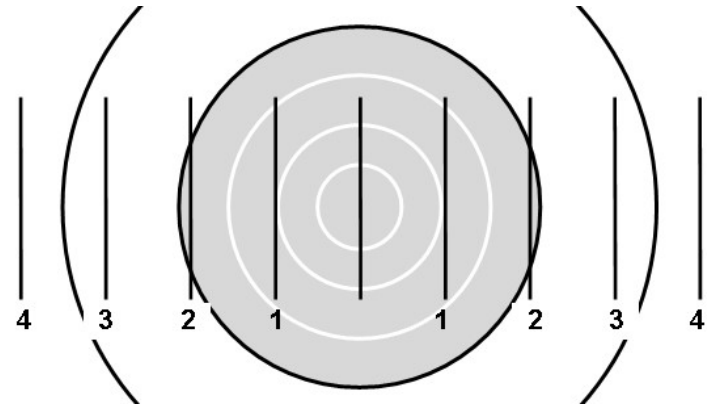
© Ross Mason 2023



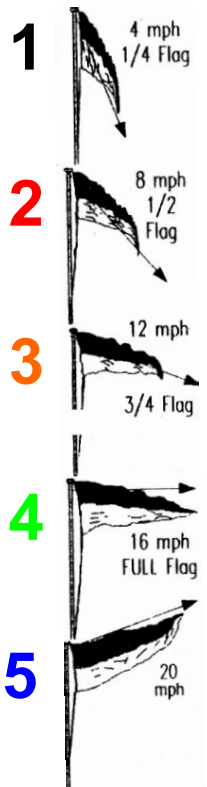
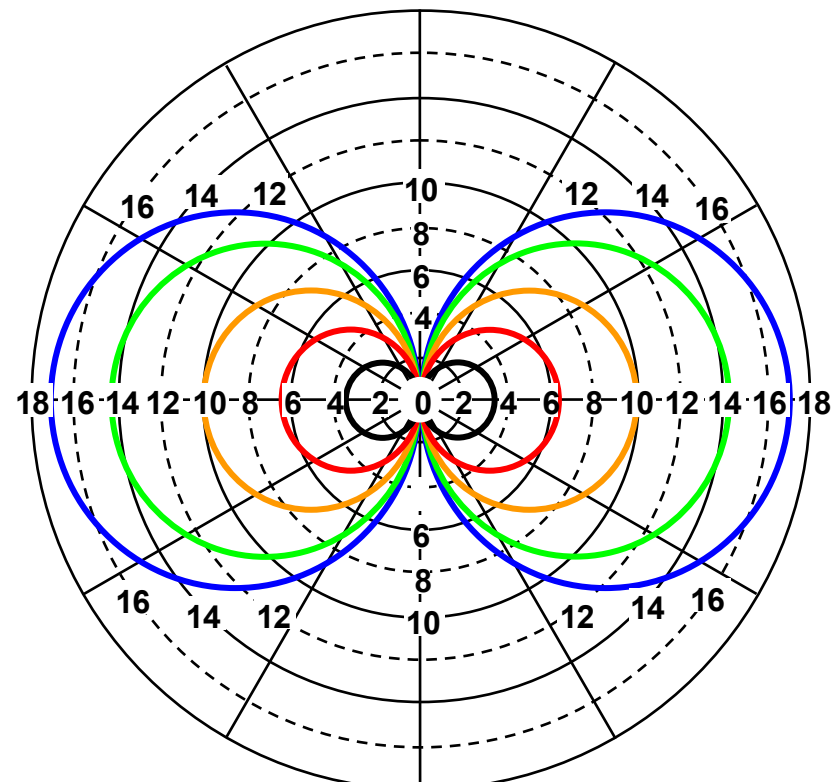
900



900

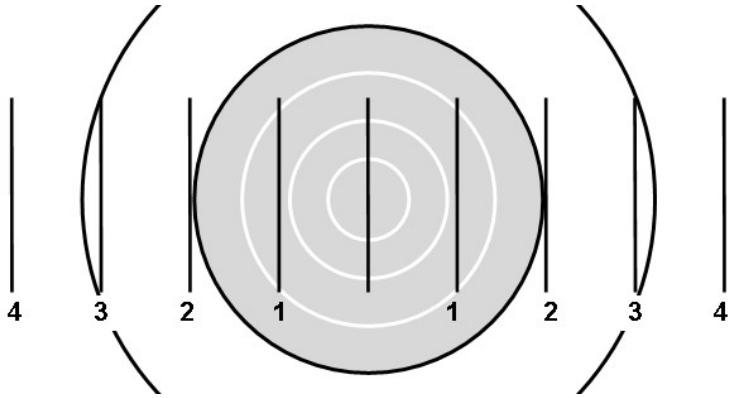


© Ross Mason 2023

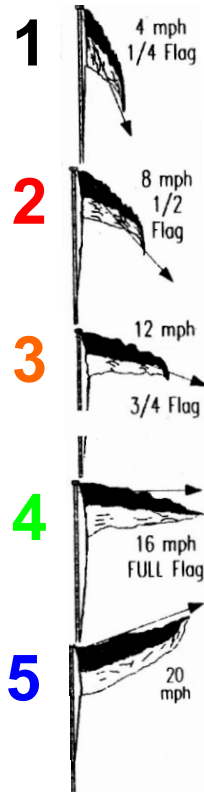
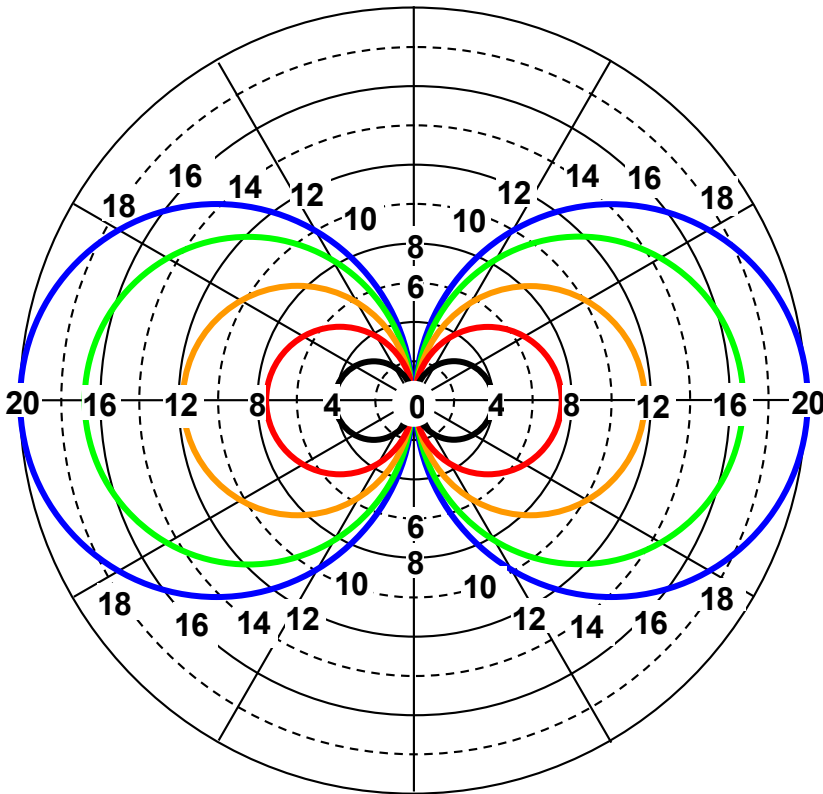
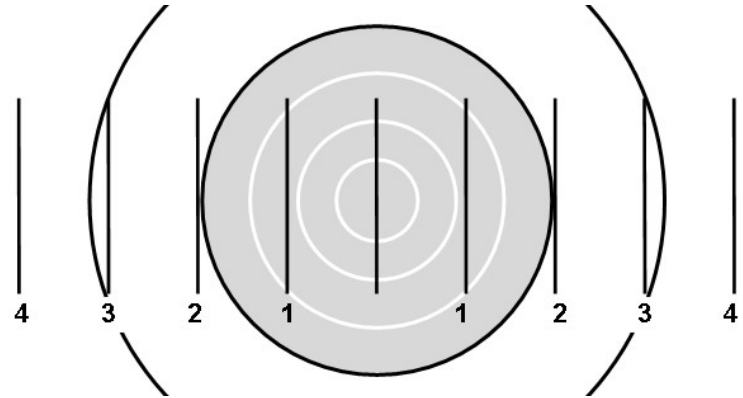


© Ross Mason 2023

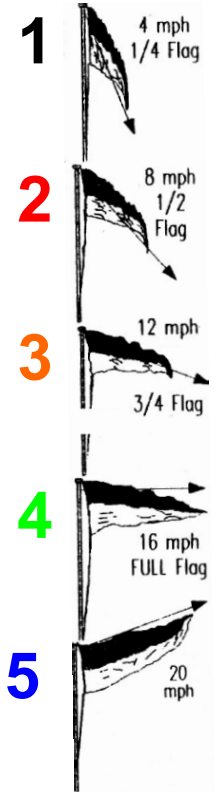
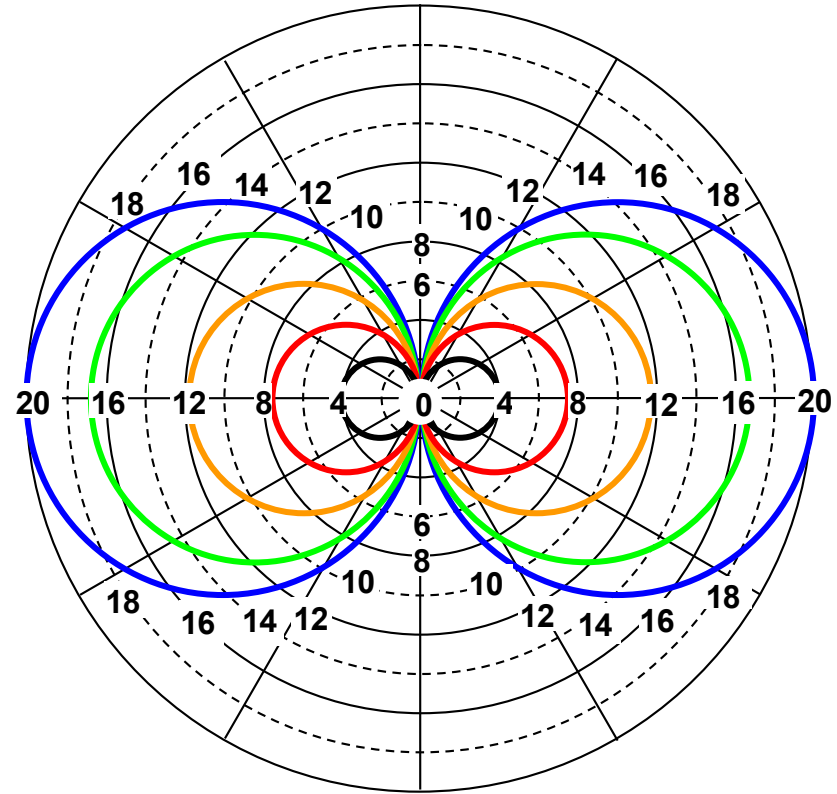
1000



1000



© Ross Mason 2023



© Ross Mason 2023