|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| True Wind  Angle | Apparent Wind Angle | | Windward Target  Boat Speed | Windward Target VMG | True Wind   Speed | Downwind Target  Boat Speed | Target  Apparent  Wind Angle | Target Boat Speed  @ 45º  Apparent | Target  Boat Speed  @ 90°   Apparent |
| 47 | 35 | 2.3 | | .6 | 2.0 | 2.1 | 135 |  |  |
|  |  | 2.6 | | .9 | 2.5 | 2.4 |  |  |  |
|  |  | 2.9 | | 1.2 | 3.0 | 2.6 | 138 |  |  |
|  |  | 3.2 | | 1.5 | 3.5 | 2.8 |  |  |  |
| 47 |  | 3.5 | | 1.8 | 4.0 | 3.0 |  |  | 4.2 |
|  |  | 3.8 | | 2.0 | 4.5 | 3.2 | 142 |  | 4.5 |
|  |  | 3.9 | | 2.3 | 5.0 | 3.5 |  |  | 4.9 |
|  |  | 4.2 | | 2.6 | 6.5 | 3.7 |  |  | 5.1 |
| 46 | 34 | 4.4 | | 2.8 | 6.0 | 3.8 | 146 | 3.7 | 5.4 |
|  |  | 4.5 | | 3.0 | 6.5 | 3.9 | 150 | 4.2 | 5.6 |
|  |  | 4.6 | | 3.2 | 7.0 | 4.0 | 155 | 4.5 | 5.8 |
|  |  | 4.8 | | 3.3 | 7.5 | 4.1 | 159 | 4.7 | 5.9 |
| 45 | 33 | 5.0 | | 3.5 | 8.0 | 4.2 | 162 | 5.0 | 6.1 |
|  |  | 5.1 | | 3.7 | 8.5 | 4.2 | 165 | 5.2 | 6.2 |
|  |  | 5.1 | | 3.8 | 9.0 | 4.3 | 167 | 5.3 | 6.3 |
|  |  | 5.2 | | 3.9 | 9.5 | 4.6 | 170 | 5.4 | 6.5 |
| 42 | 30 | 5.2 | | 4.0 | 10 | 4.8 |  | 5.5 | 6.6 |
|  |  | 5.4 | | 4.1 | 11 | 5.0 |  | 5.6 | 6.7 |
| 40 |  | 5.5 | | 4.2 | 12 | 5.4 | 173 | 5.8 | 6.9 |
|  |  | 5.5 | |  | 12 | 5.4 | 173 |  |  |
| 39 |  | 5.6 | |  | 14 | 5.9 |  |  |  |
| 38 |  | 5.6 | |  | 15 | 6.1 |  |  |  |

|  |  |
| --- | --- |
| . | |
| Wally Upwind | Wally Downwind |
| 5° Lift = +.1 | 5° Lift = -.5 |
| 10° Lift = +.2 | 10° Lift = -1.1 |
| 5° Header = -.13 | 5° Header = .3 |
| 10° Header = -.25 | 10° Header = .45 |