

We must assemble the BUD with the proper DECLINATION

The important thing we have to know to properly assemble the BUD is your Latitude. North or south of the Equator makes no difference

Use this chart, find your Latitude and the Declination angle.

| Latitude (deg) | Declination Angle (deg) | Latitude (deg) | Declination Angle (deg) | Latitude (deg) | Declination Angle (deg) | Latitude (deg) |
|-------------------|-------------------------------|-------------------|-------------------------------|-------------------|-------------------------------|-------------------|
| 1 | 0.18 | 24 | 4.07 | 46 | 6.92 | 69 |
| 2 | 0.36 | 25 | 4.23 | 47 | 7.01 | 70 |
| 3 | 0.53 | 26 | 4.38 | 48 | 7.11 | 71 |
| 4 | 0.71 | 27 | 4.53 | 49 | 7.21 | 72 |
| 5 | 0.89 | 28 | 4.67 | 50 | 7.30 | 73 |
| 6 | 1.06 | 29 | 4.82 | 51 | 7.38 | 74 |
| 7 | 1.24 | 30 | 4.96 | 52 | 7.47 | 75 |
| 8 | 1.41 | 31 | 5.10 | 53 | 7.55 | 76 |
| 9 | 1.59 | 32 | 5.24 | 54 | 7.63 | 77 |
| 10 | 1.76 | 33 | 5.38 | 55 | 7.71 | 78 |
| 11 | 1.94 | 34 | 5.51 | 56 | 7.78 | 79 |
| 12 | 2.11 | 35 | 5.64 | 57 | 7.85 | 80 |
| 13 | 2.28 | 36 | 5.77 | 58 | 7.92 | 81 |
| 14 | 2.45 | 37 | 5.90 | 59 | 7.99 | 82 |
| 15 | 2.62 | 38 | 6.02 | 60 | 8.05 | 83 |
| 16 | 2.79 | 39 | 6.14 | 61 | 8.11 | 84 |
| 17 | 2.95 | 40 | 6.26 | 62 | 8.16 | 85 |
| 18 | 3.12 | 41 | 6.38 | 63 | 8.22 | 86 |
| 19 | 3.28 | 42 | 6.49 | 64 | 8.27 | 87 |
| 20 | 3.44 | 43 | 6.60 | 65 | 8.31 | 88 |
| 21 | 3.60 | 44 | 6.71 | 66 | 8.36 | 89 |
| 22 | 3.76 | 45 | 6.81 | 67 | 8.40 | 90 |
| 23 | 3.92 | | | 68 | 8.44 | |