



Parâmetros de transformações dos principais Datums utilizados no Brasil

<p>WGS-84</p> <p>Elipsóide – WGS84 a = 6.378.137,000 m f = 1/298,257223563000</p>
<p>WGS-84(G1150)/SIRGAS2000 -> SAD-69 $\Delta X = -67,35$ m $\Delta Y = +3,88$ m $\Delta Z = -38,22$ m</p> <p>Elipsóide – América do Sul 1969 a = 6.378.160,000 m f = 1/298,25</p> <p>$\Delta a = -23$ $\Delta f \times 10^4 = -0,00081204$</p>
<p>WGS-84 -> CÓRREGO ALEGRE (IBGE) $\Delta X = -205,57$ m $\Delta Y = +168,77$ m $\Delta Z = -4,12$ m</p> <p>Elipsóide a = 6.378.388,000 m f = 1/297</p> <p>$\Delta a = -251$ $\Delta f \times 10^4 = -0,14192702$</p>
<p>WGS-84 -> SICAD (Brasília) a = 6.378.388.000 m f = 1/297</p> <p>Elipsóide $\Delta X = -143,87$ m $\Delta Y = +243,37$ m $\Delta Z = -33,52$ m</p> <p>$\Delta a = -251$ $\Delta f \times 10^4 = -0,14192702$</p>