SECTION 26

MAXIMUM COORDINATE DIFFERENCES

- WGS 84 MINUS WGS 72 -

[$\Delta\phi$, $\Delta\lambda$, ΔH CONTOUR CHARTS]*

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* FOR THE PRINCIPAL LOCAL GEODETIC SYSTEMS HAVING LOCAL GEODETIC SYSTEM-TO-WGS 72 DATUM SHIFTS [4]. ALSO, WITH RESPECT TO THE MAXIMUM COORDINATE DIFFERENCES: WGS 84 GEODETIC LATITUDES AND GEODETIC LONGITUDES DETERMINED VIA NSWC 9Z-2 TO WGS 84 TRANSFORMATION; WGS 84 GEODETIC HEIGHTS FORMED USING WGS 84 GEOID HEIGHTS AND HEIGHT ABOVE MEAN SEA LEVEL VALUES; WGS 72 COORDINATES DETERMINED USING LOCAL GEODETIC SYSTEM-TO-WGS 72 MEAN DATUM SHIFTS; WGS 72 GEODETIC HEIGHTS REFLECT USE OF LOCAL GEODETIC SYSTEM GEODETIC HEIGHTS FORMED USING DMA-DEVELOPED LOCAL GEODETIC SYSTEM GEOID HEIGHTS AND HEIGHT-ABOVE-MEAN SEA LEVEL VALUES (THE "MAXIMUM" GEODETIC HEIGHT DIFFERENCES RECORDED HEREIN WOULD, OF COURSE, BE LARGER IF LOCAL GEODETIC SYSTEM GEOID HEIGHTS WERE MISSING OR ASSUMED ZERO). CAUTION: THESE MAXIMUM COORDINATE DIFFERENCE CONTOUR CHARTS ARE PROVIDED FOR ILLUSTRATIVE PURPOSES ONLY; DO NOT USE TO DERIVE A TRANSFORMATION FROM WGS 72-TO-WGS 84.

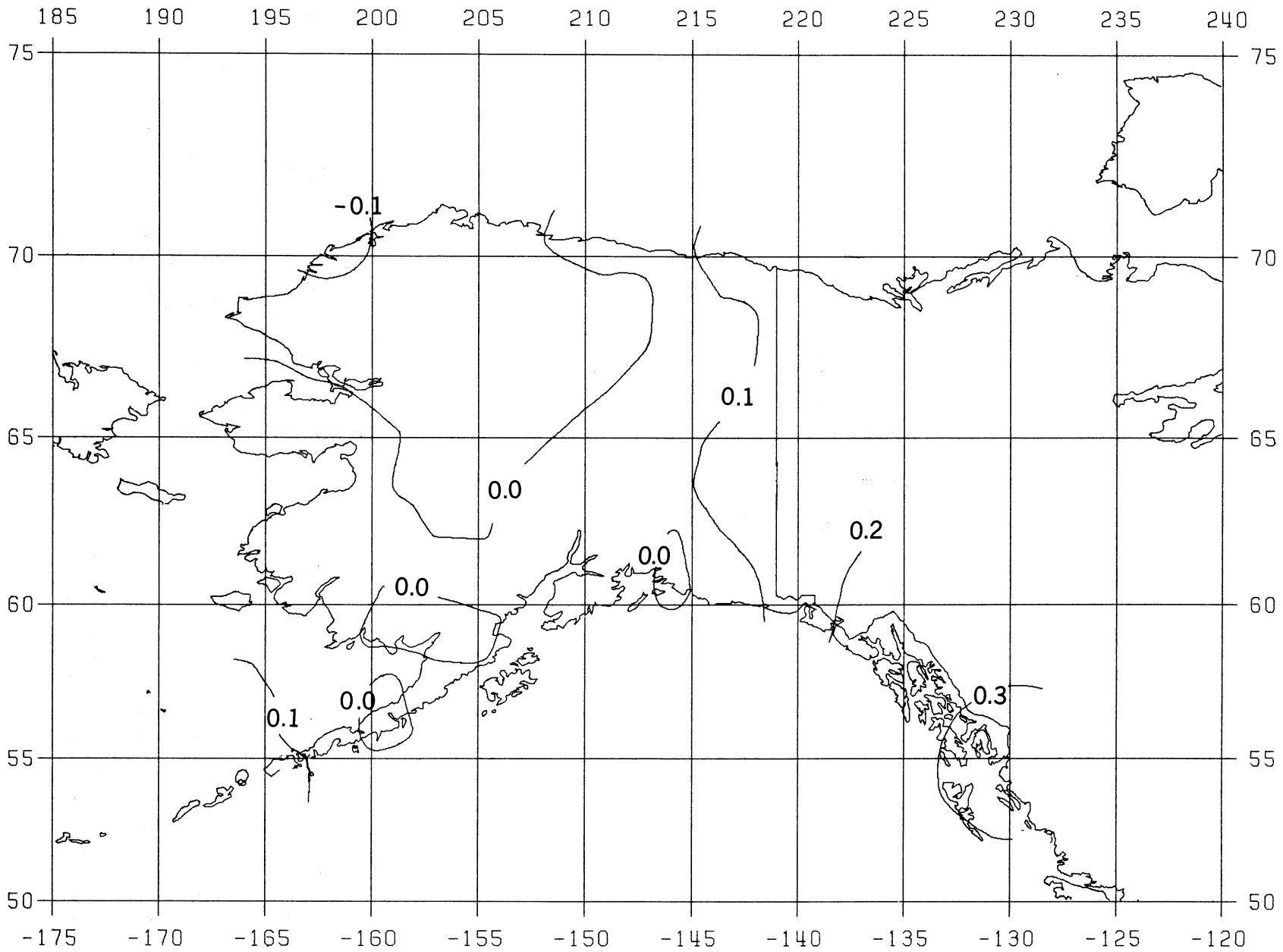

Figure 26.1. Maximum Latitude Differences in Converting WGS 72 Coordinates to WGS 84 (NAD 27 Area, Alaska) - (Units = 0.1 Arc Second)

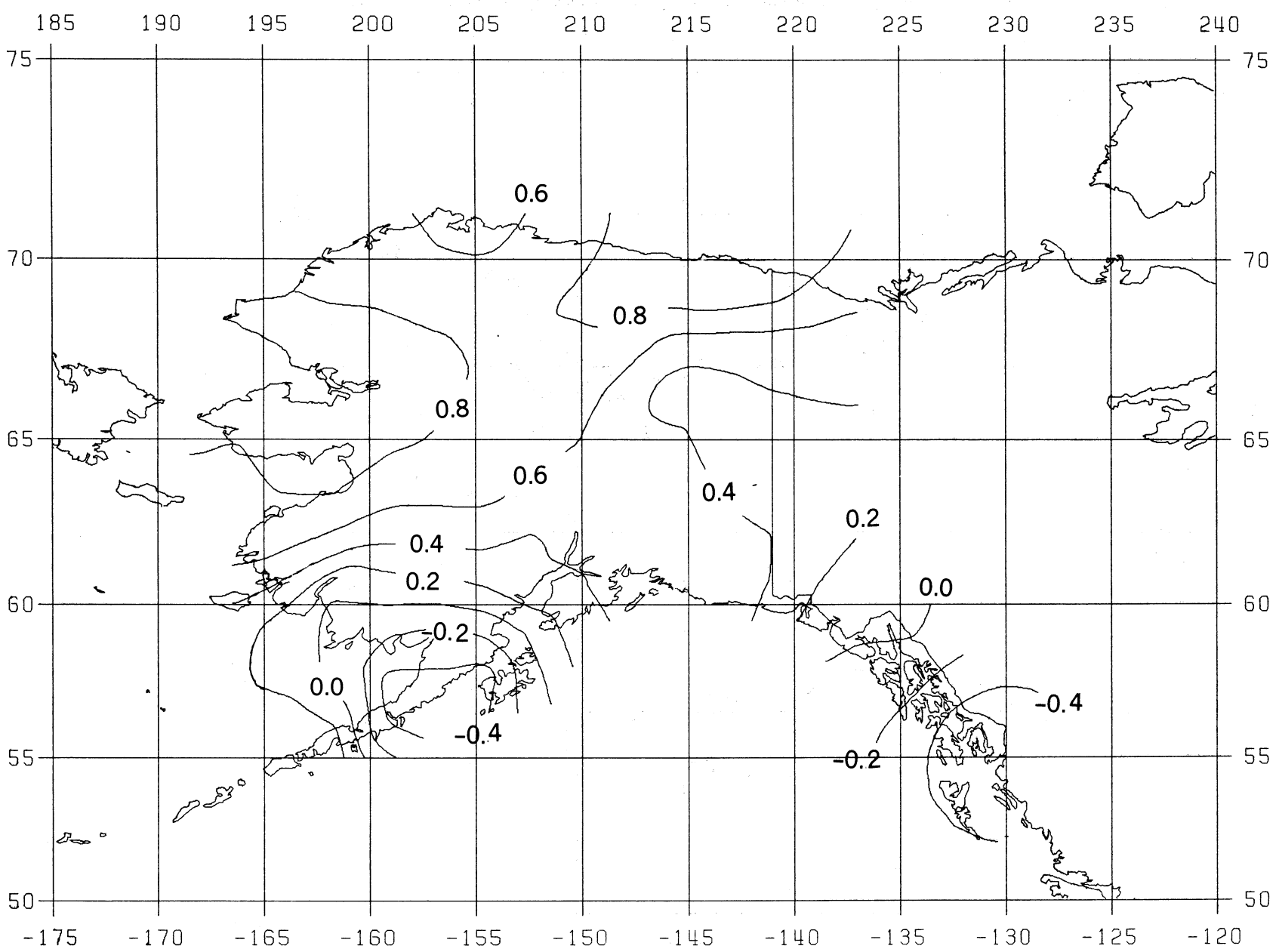

Figure 26.2. Maximum Longitude Differences in Converting WGS 72 Coordinates to WGS 84 (NAD 27 Area, Alaska) - (Units = 0.2 Arc Second)

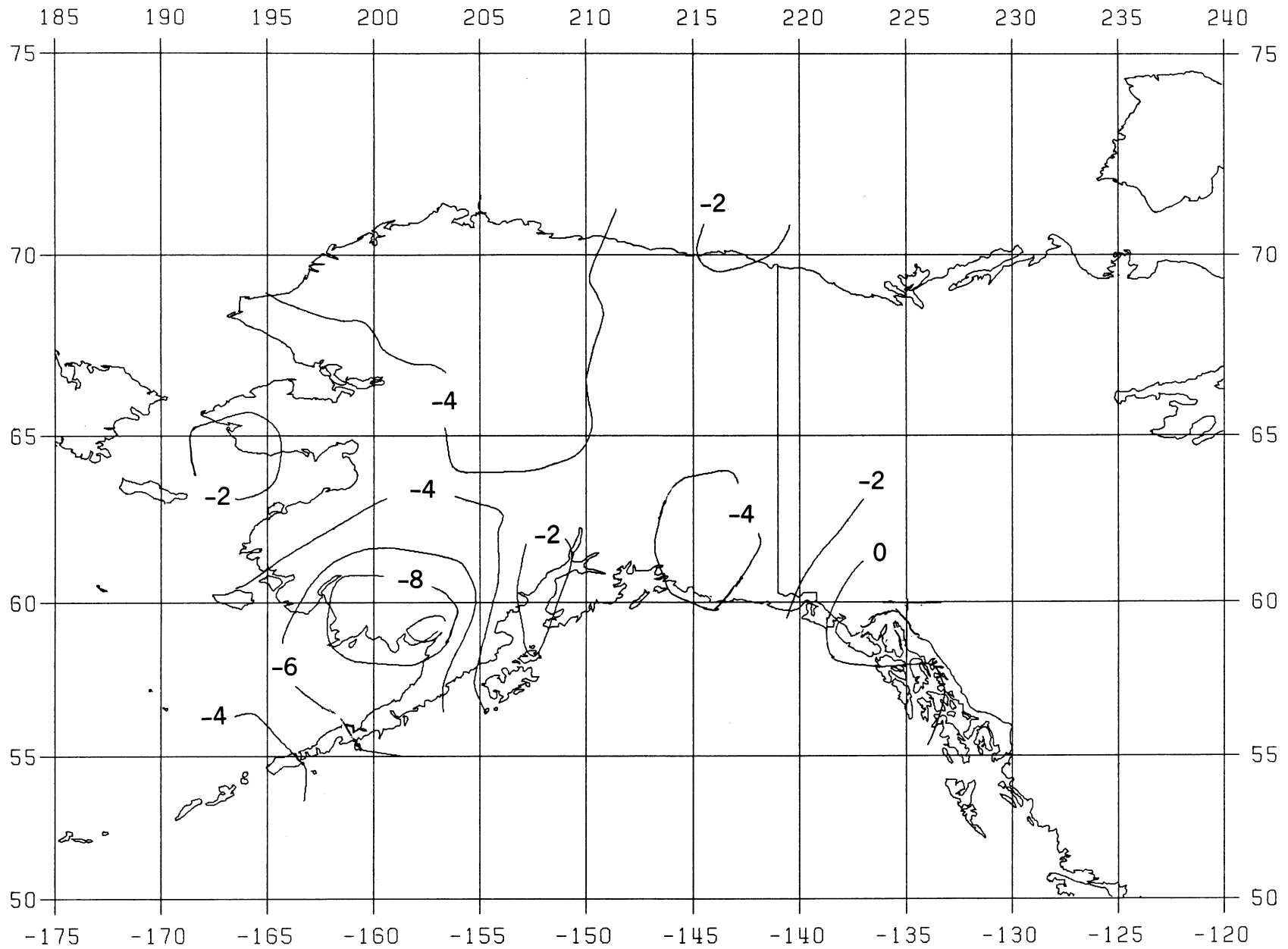

Figure 26.3. Maximum Geodetic Height Differences in Converting WGS 72 Coordinates to WGS 84 (NAD 27 Area, Alaska)-(Units = 2 Meters)

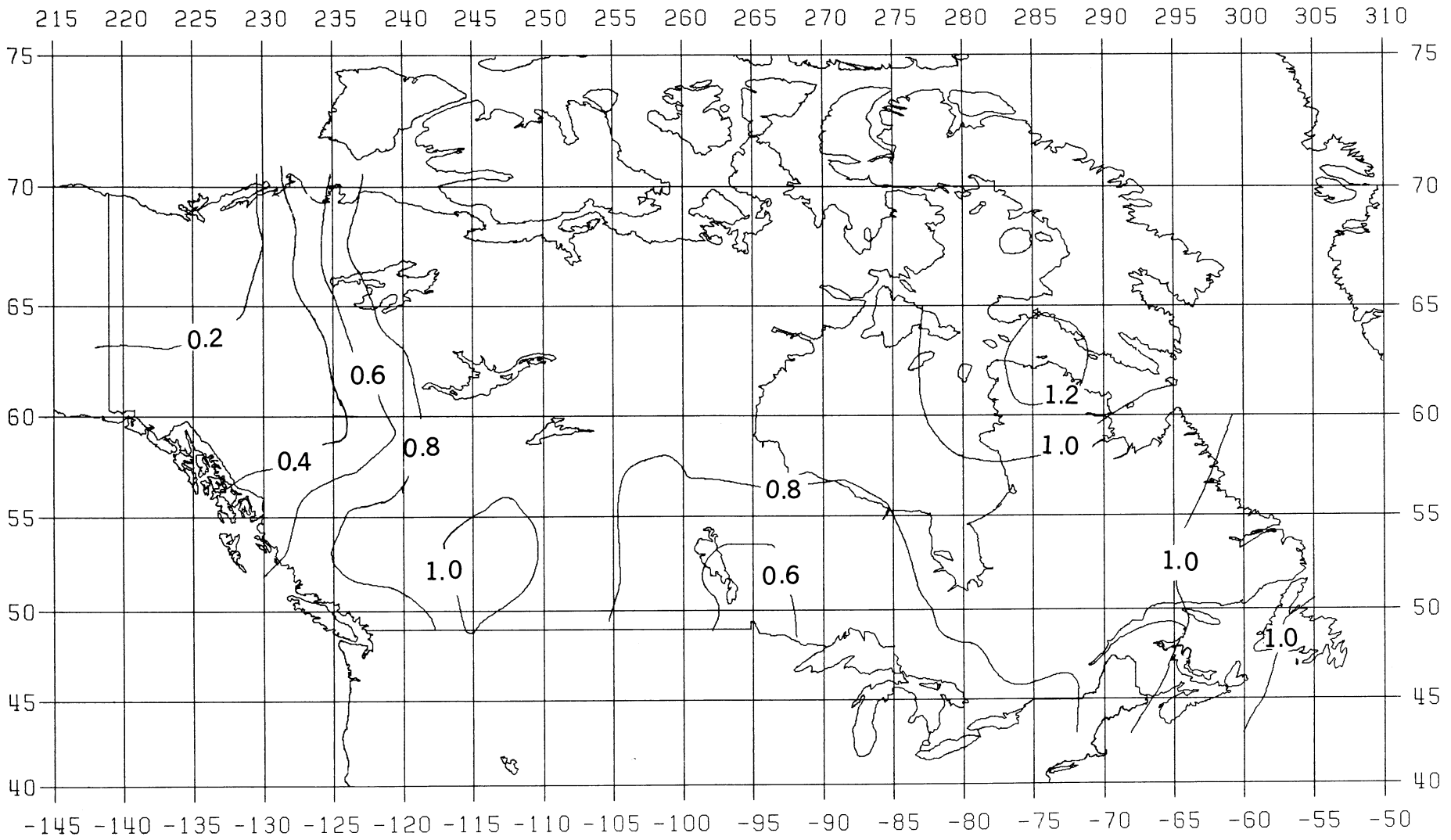

Figure 26.4. Maximum Latitude Differences in Converting WGS 72 Coordinates to WGS 84 (NAD 27 Area, Canada) - (Units = 0.2 Arc Second)

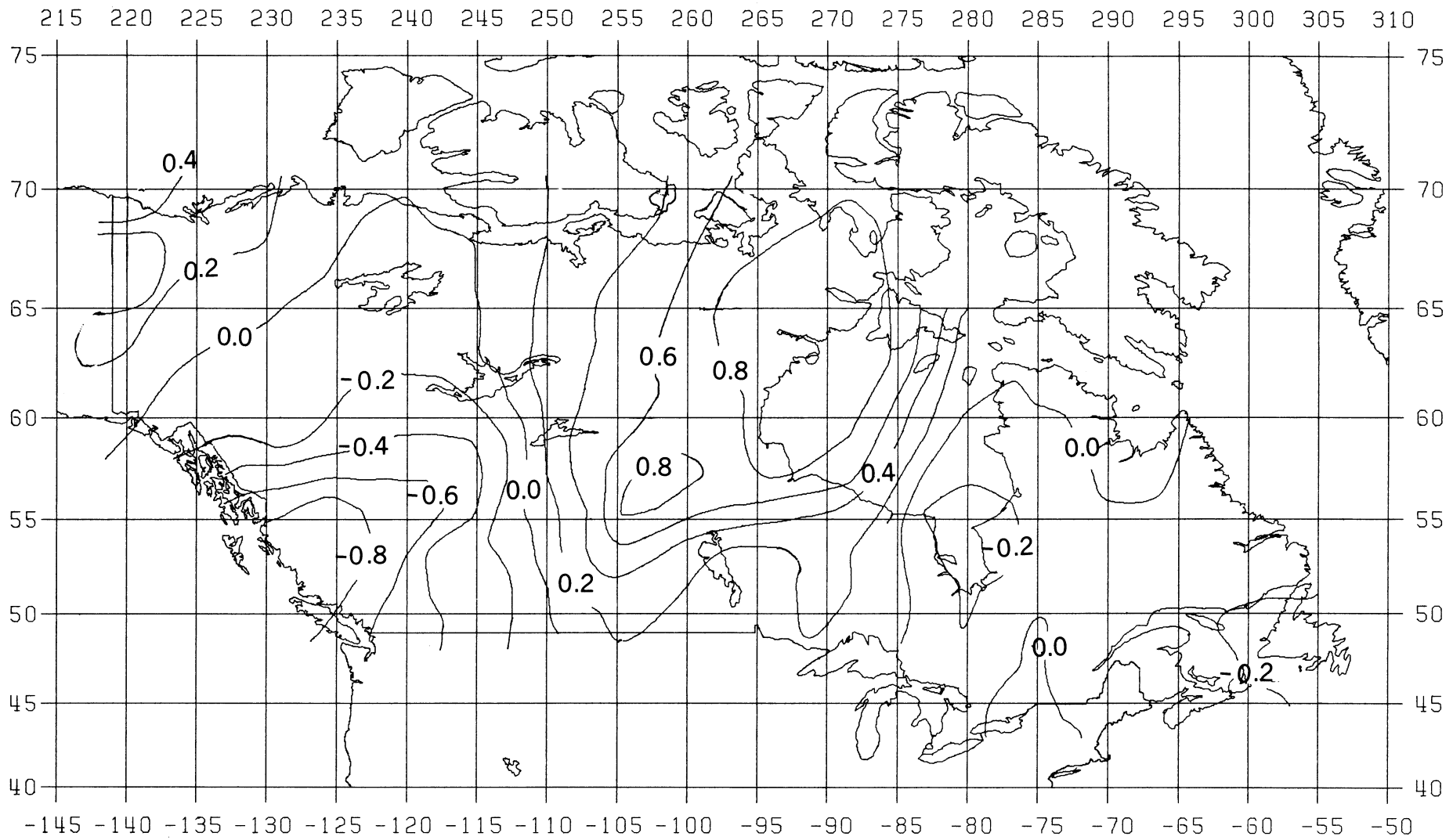

Figure 26.5. Maximum Longitude Differences in Converting WGS 72 Coordinates to WGS 84 (NAD 27 Area, Canada) - (Units = 0.2 Arc Second)

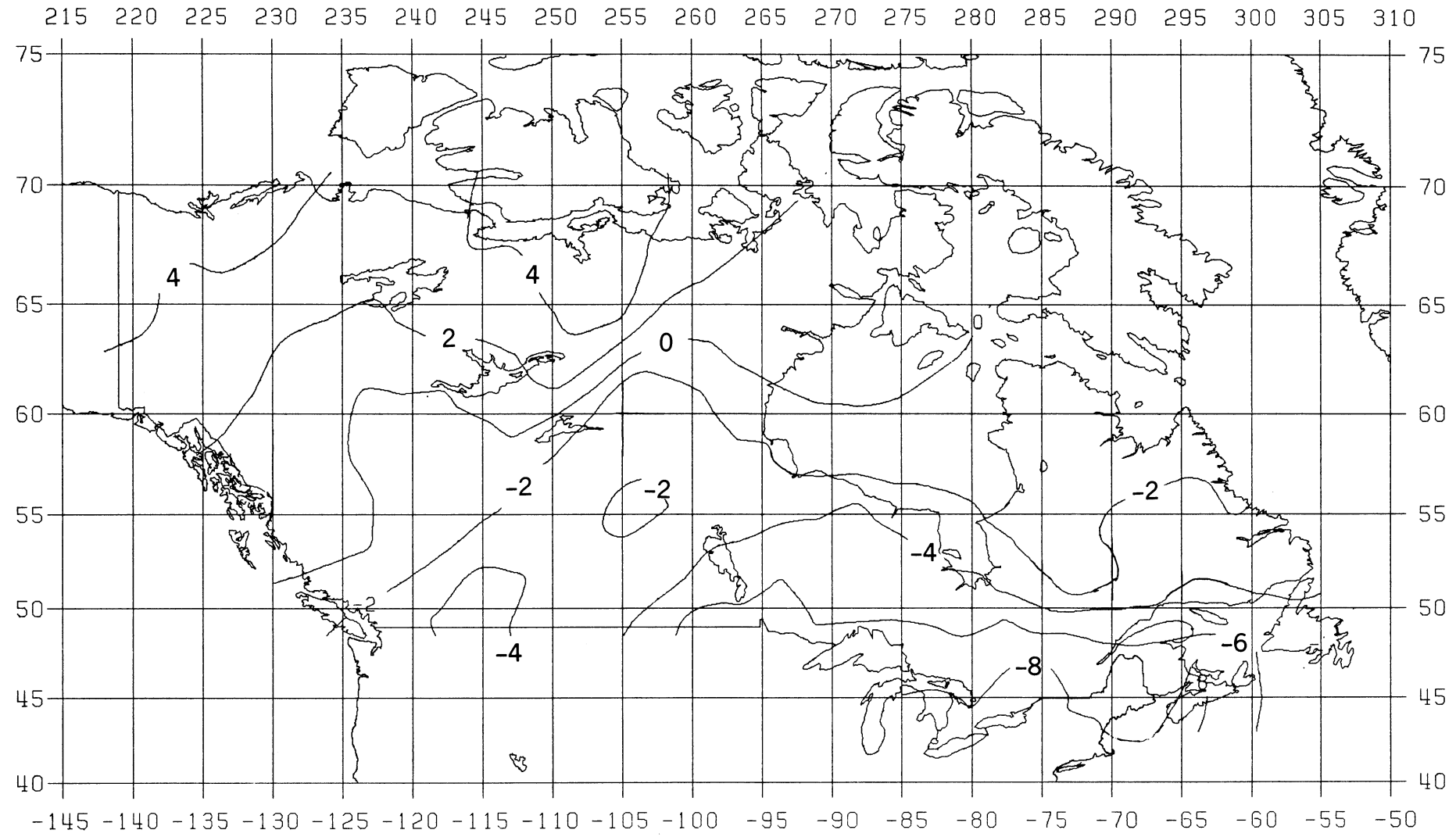

Figure 26.6. Maximum Geodetic Height Differences in Converting WGS 72 Coordinates to WGS 84 (NAD 27 Area, Canada)-(Units = 2 Meters)

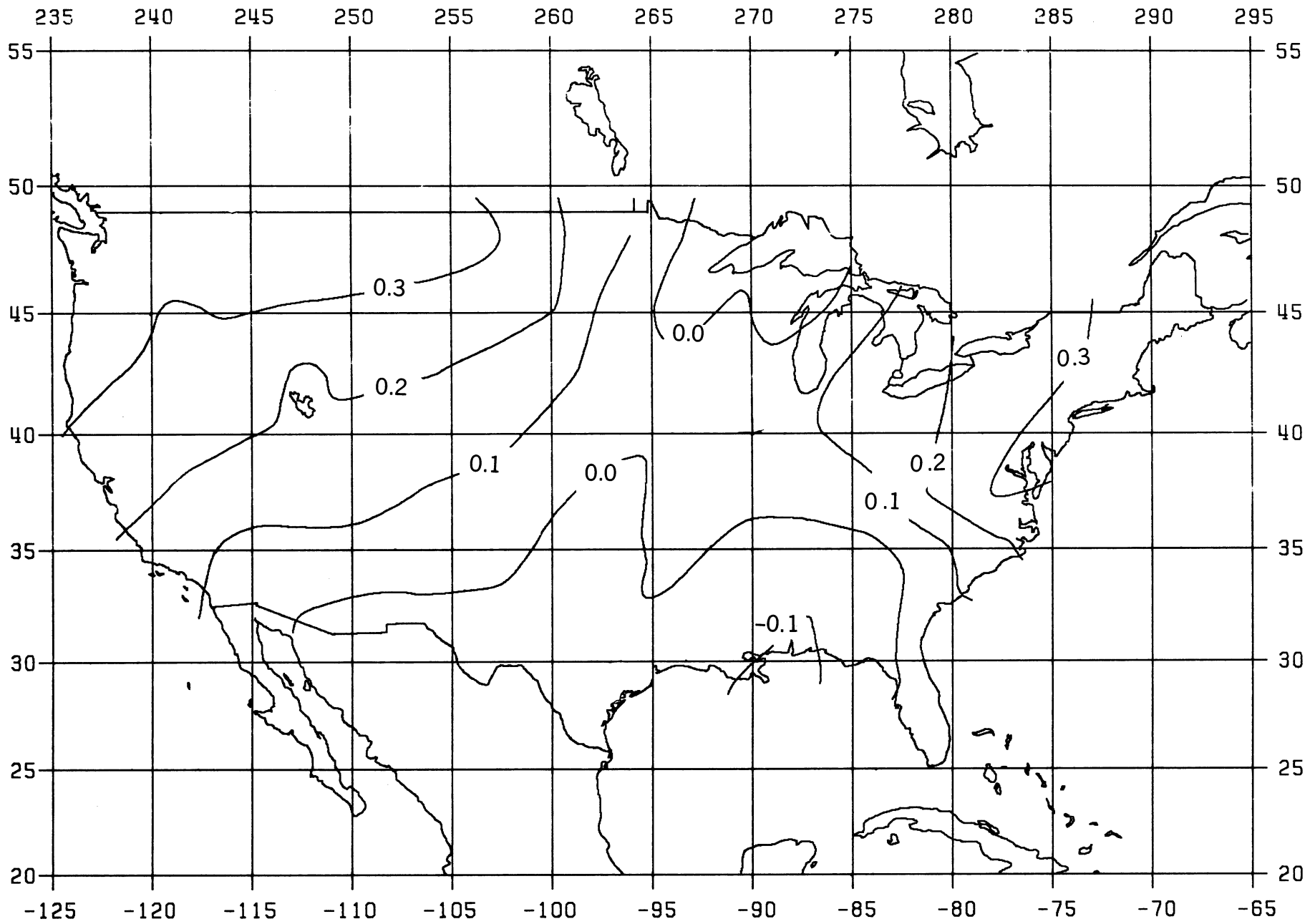

Figure 26.7. Maximum Latitude Differences in Converting WGS 72 Coordinates to WGS 84 (NAD 27 Area, CONUS) - (Units = 0.1 Arc Second)

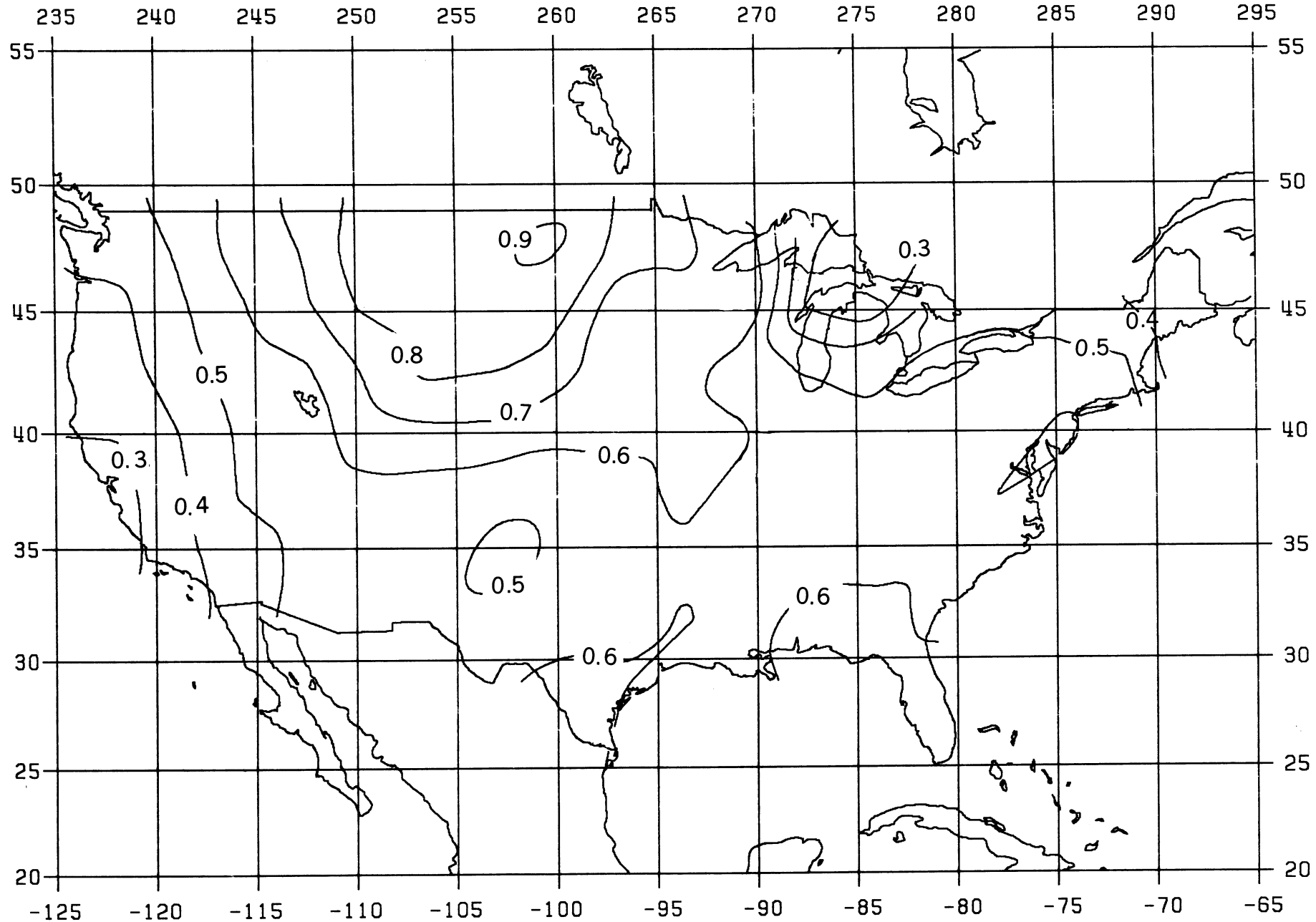

Figure 26.8. Maximum Longitude Differences in Converting WGS 72 Coordinates to WGS 84 (NAD 27 Area, CONUS) - (Units = 0.1 Arc Second)

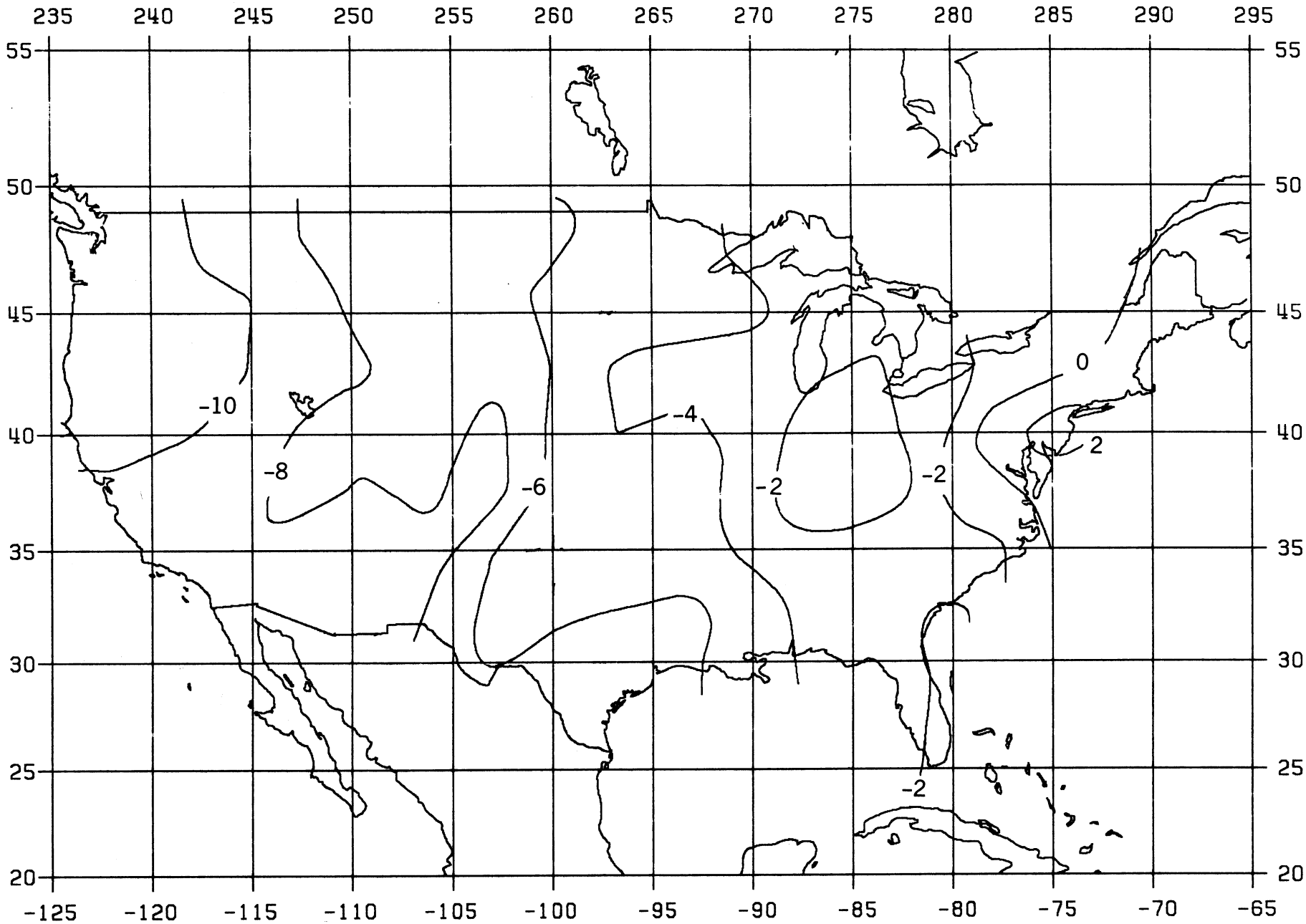

Figure 26.9. Maximum Geodetic Height Differences in Converting WGS 72 Coordinates to WGS 84 (NAD 27 Area, CONUS) - (Units = 2 Meters)

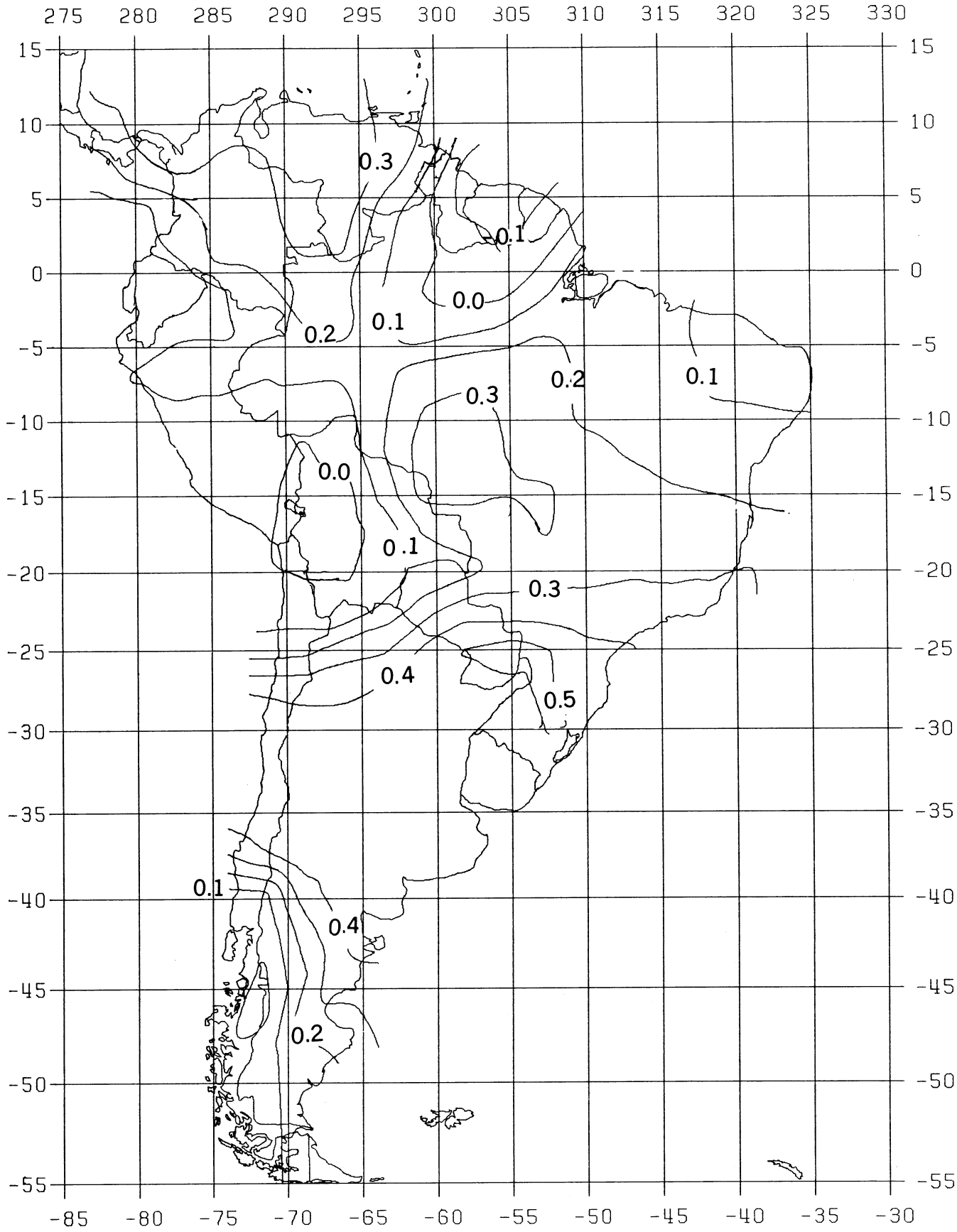

Figure 26.10. Maximum Latitude Differences in Converting WGS 72 Coordinates to WGS 84 (SAD 69 Area)– (Units = 0.1 Arc Second)

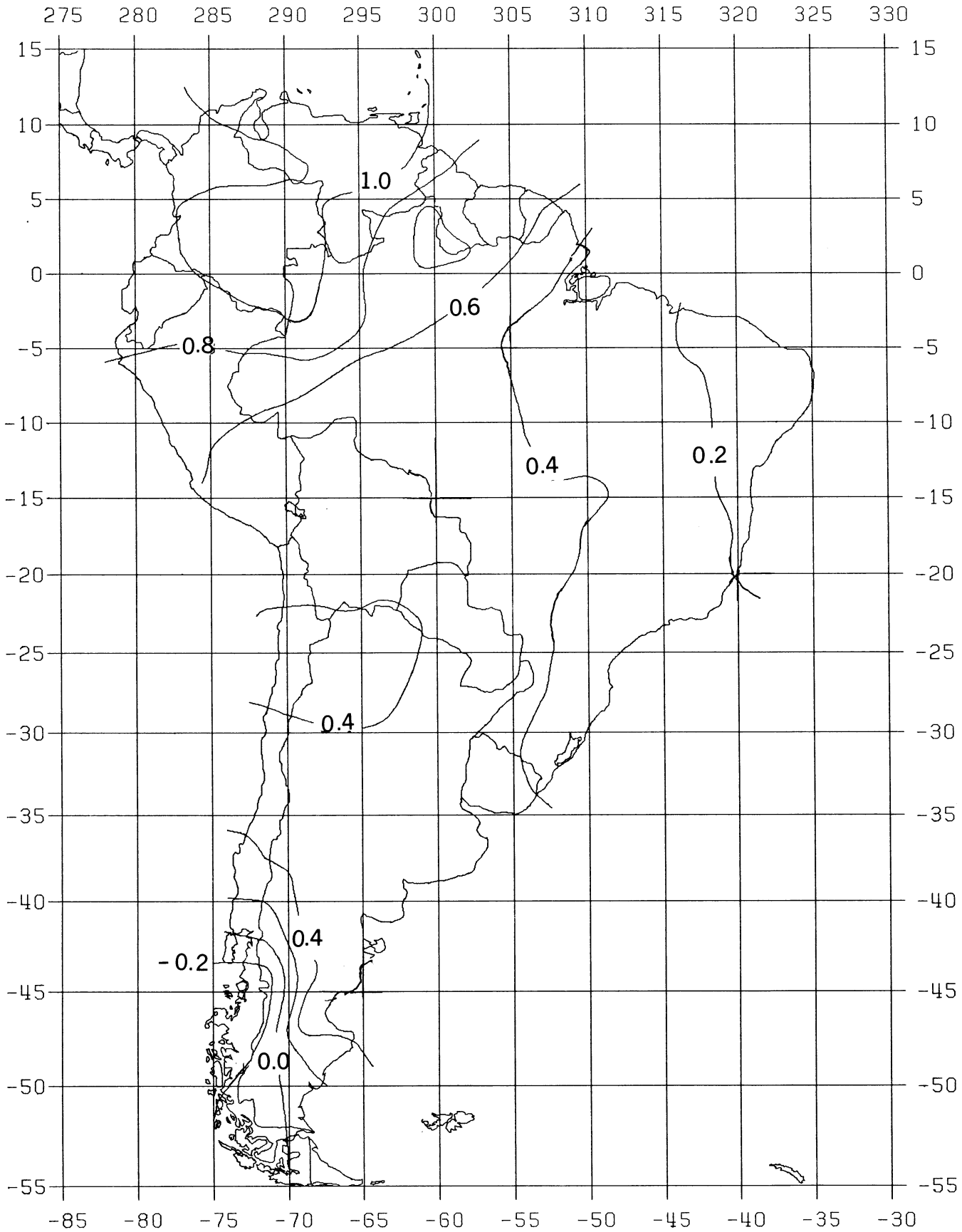

Figure 26.11. Maximum Longitude Differences in Converting WGS 72 Coordinates to WGS 84 (SAD 69 Area)- (Units = 0.2 Arc Second)

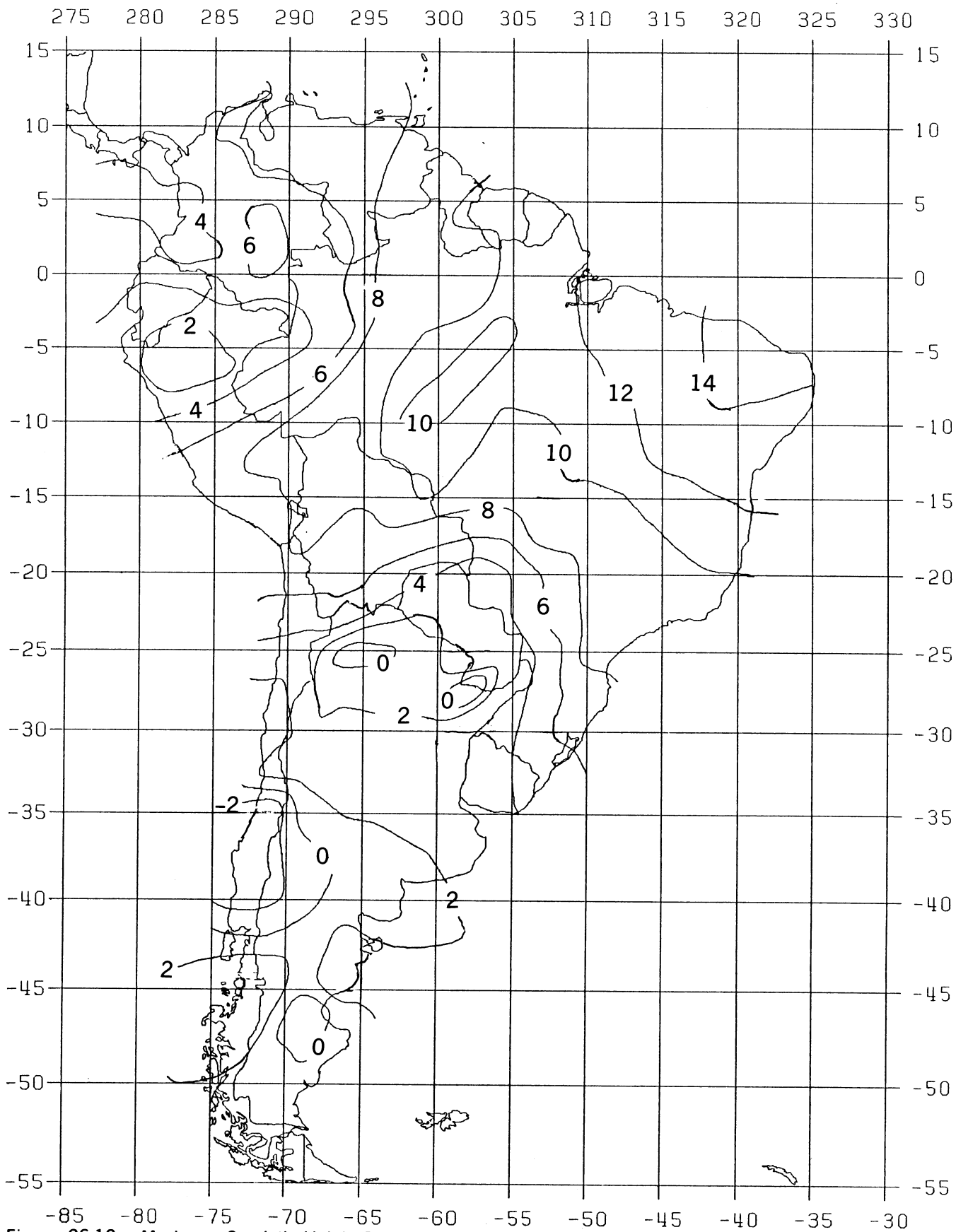

Figure 26.12. Maximum Geodetic Height Differences in Converting WGS 72 Coordinates to WGS 84 (SAD 69 Area) -(Units = 2 Meters)

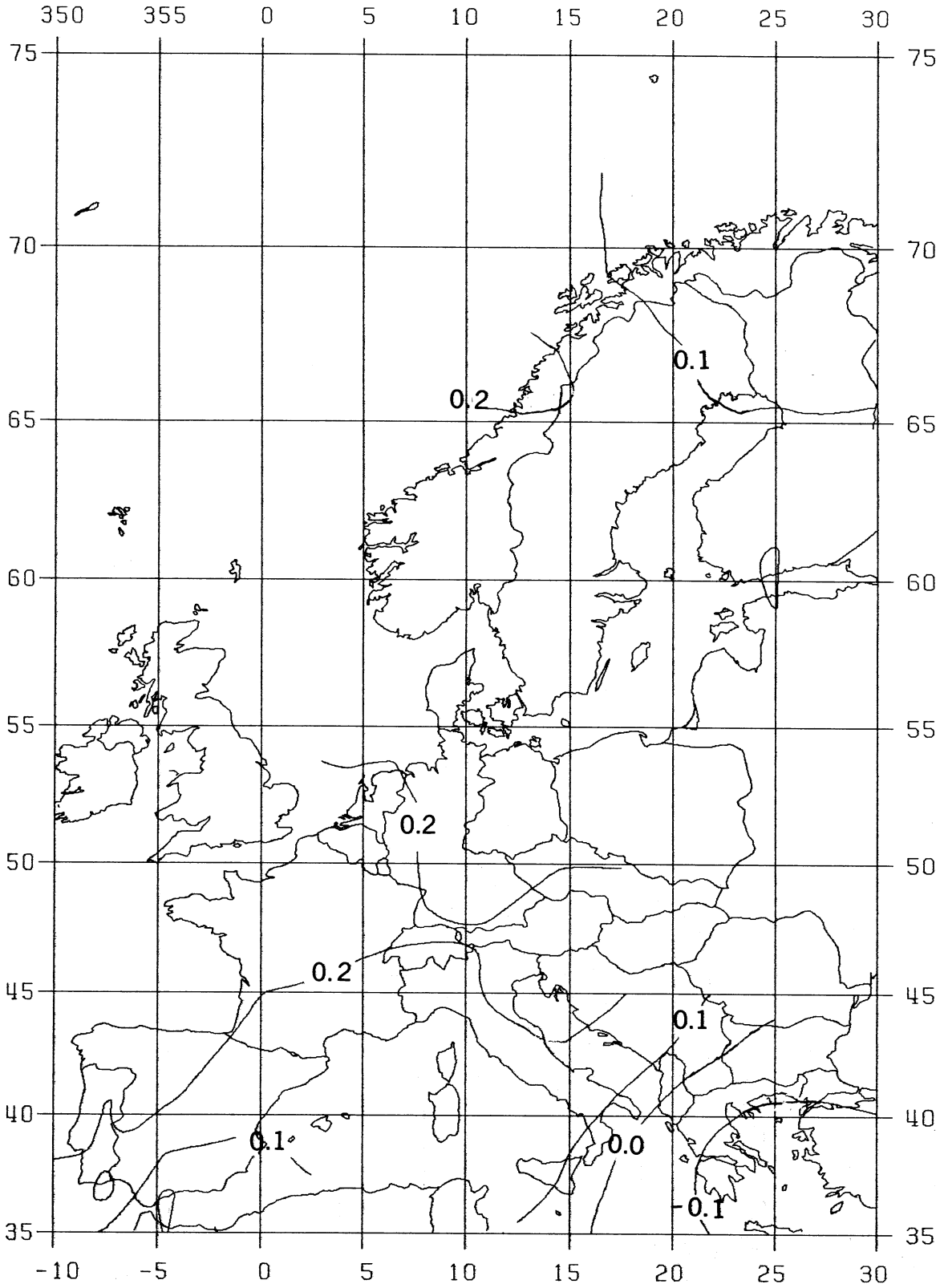

Figure 26.13. Maximum Latitude Differences in Converting WGS 72 Coordinates to WGS 84 (ED 50 Area, Western Europe) - (Units = 0.1 Arc Second)

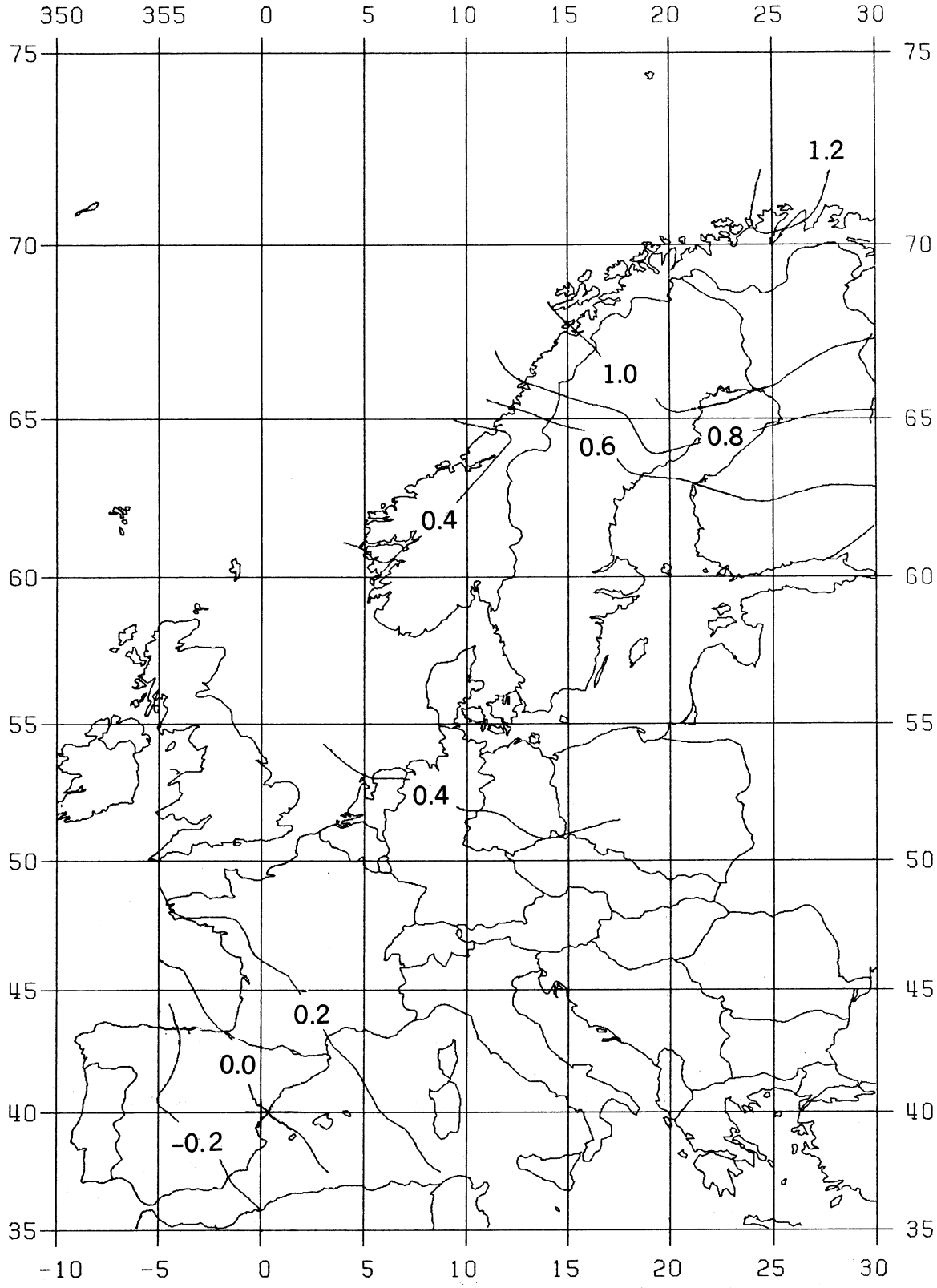

Figure 26.14. Maximum Longitude Differences in Converting WGS 72 Coordinates to WGS 84 (ED 50 Area, Western Europe) - (Units = 0.2 Arc Second)

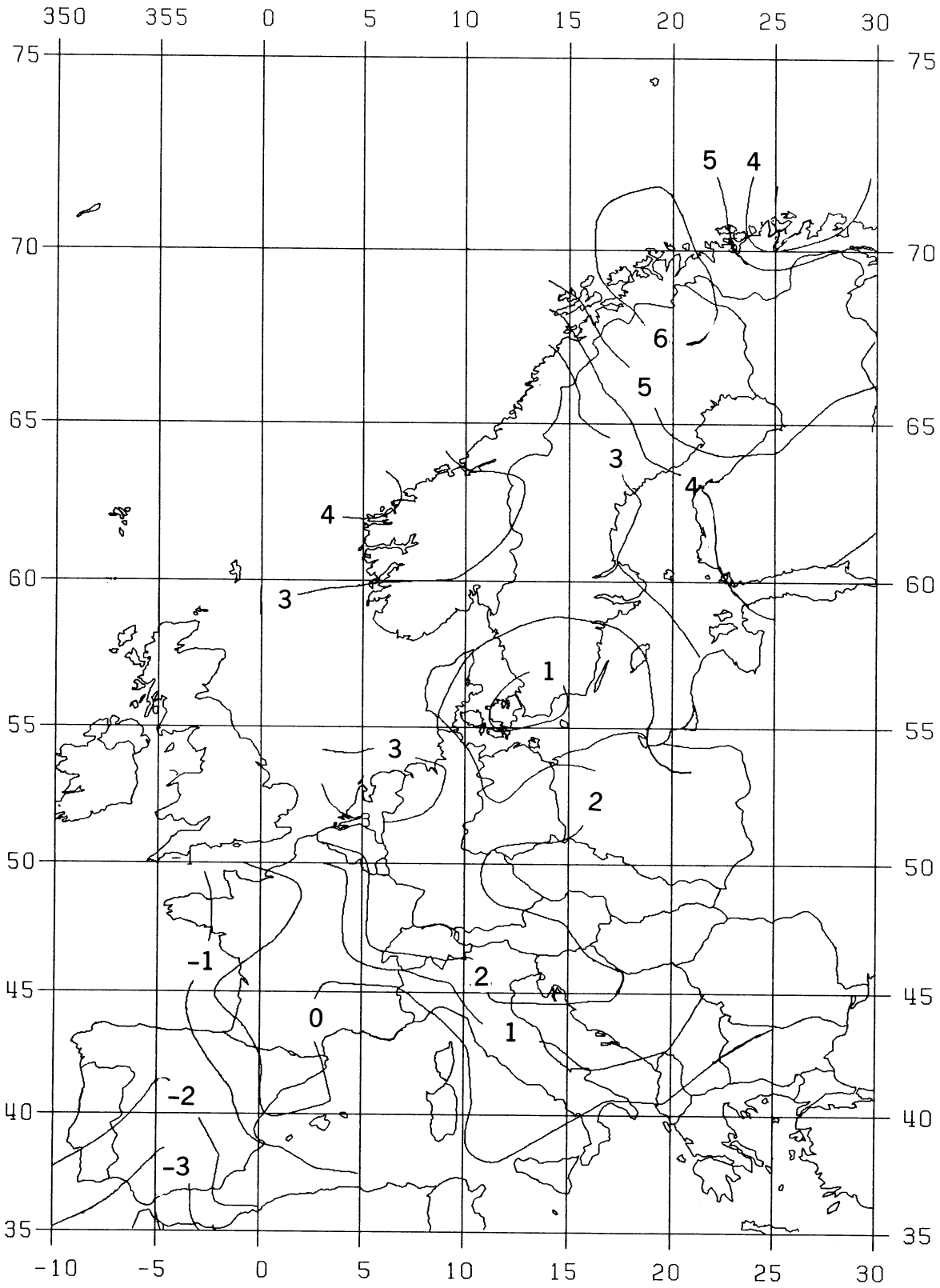

Figure 26.15. Maximum Geodetic Height Differences in Converting WGS 72 Coordinates to WGS 84 (ED 50 Area, Western Europe) - (Units = 1 Meter)

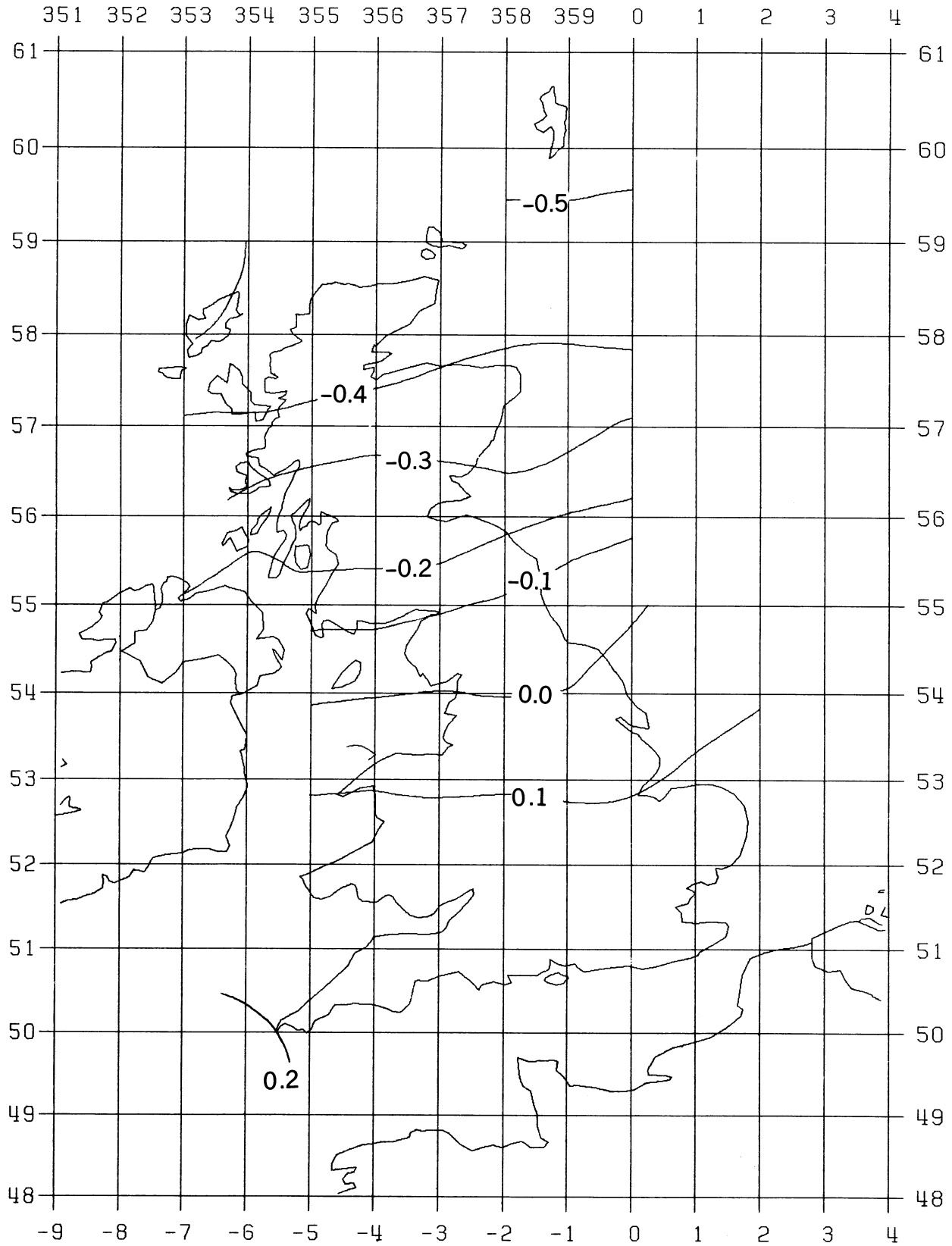

Figure 26.16. Maximum Latitude Differences in Converting WGS 72 Coordinates to WGS 84 (OSGB 36 Area) - (Units = 0.1 Arc Second)

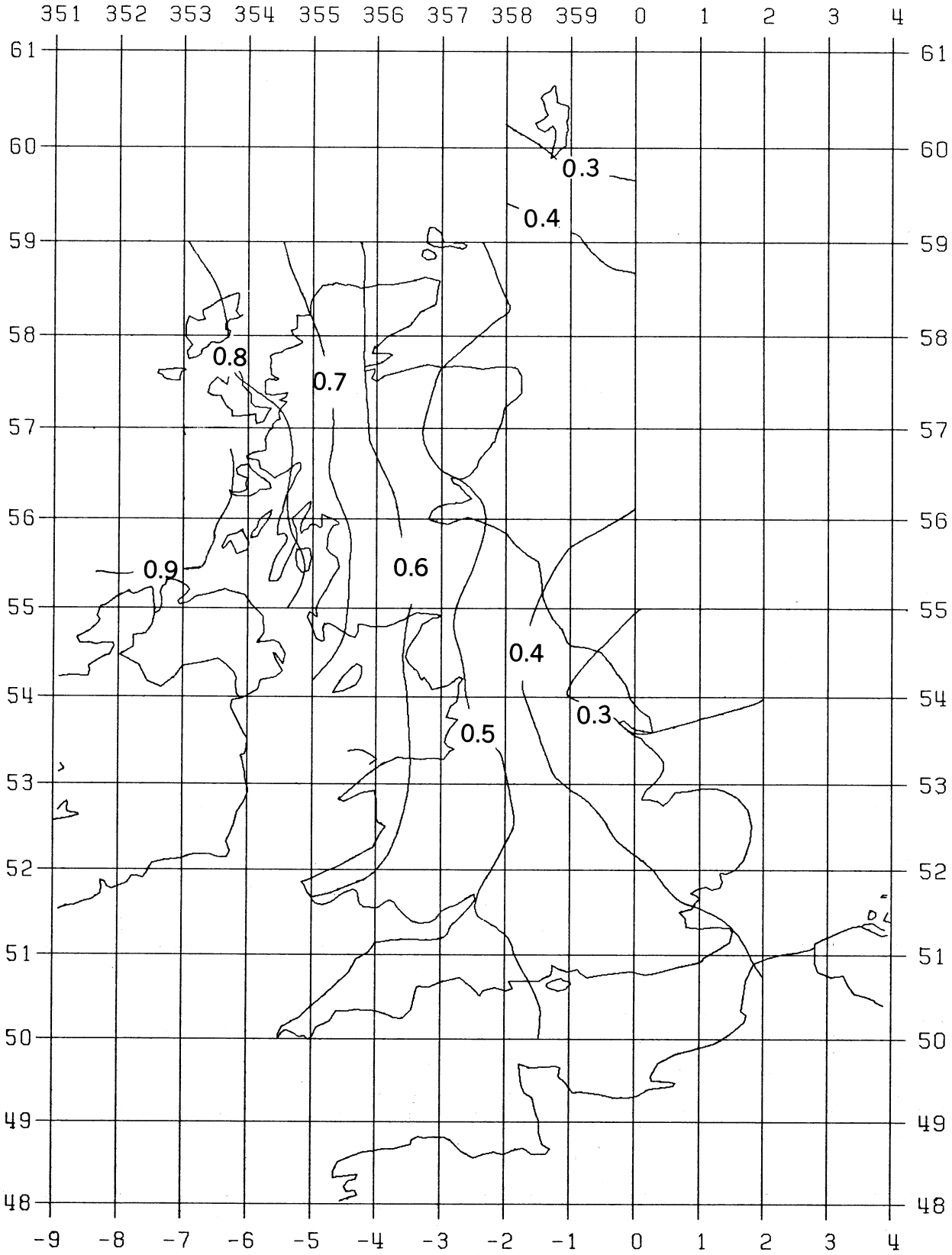

Figure 26.17. Maximum Longitude Differences in Converting WGS 72 Coordinates to WGS 84 (OSGB 36 Area) - (Units = 0.1 Arc Second)

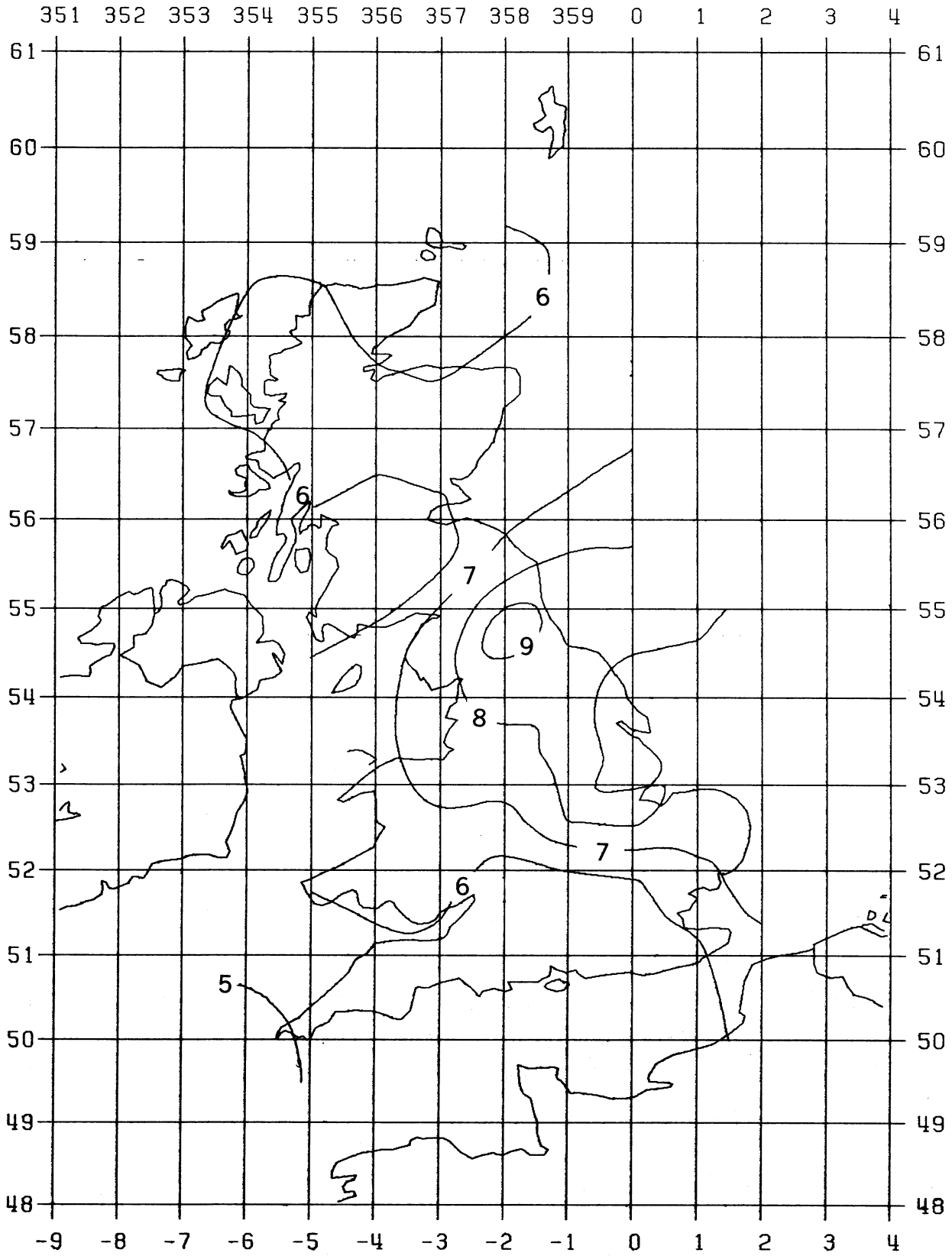

Figure 26.18. Maximum Geodetic Height Differences in Converting WGS 72 Coordinates to WGS 84 (OSGB 36 Area) - (Units = 1 Meter)

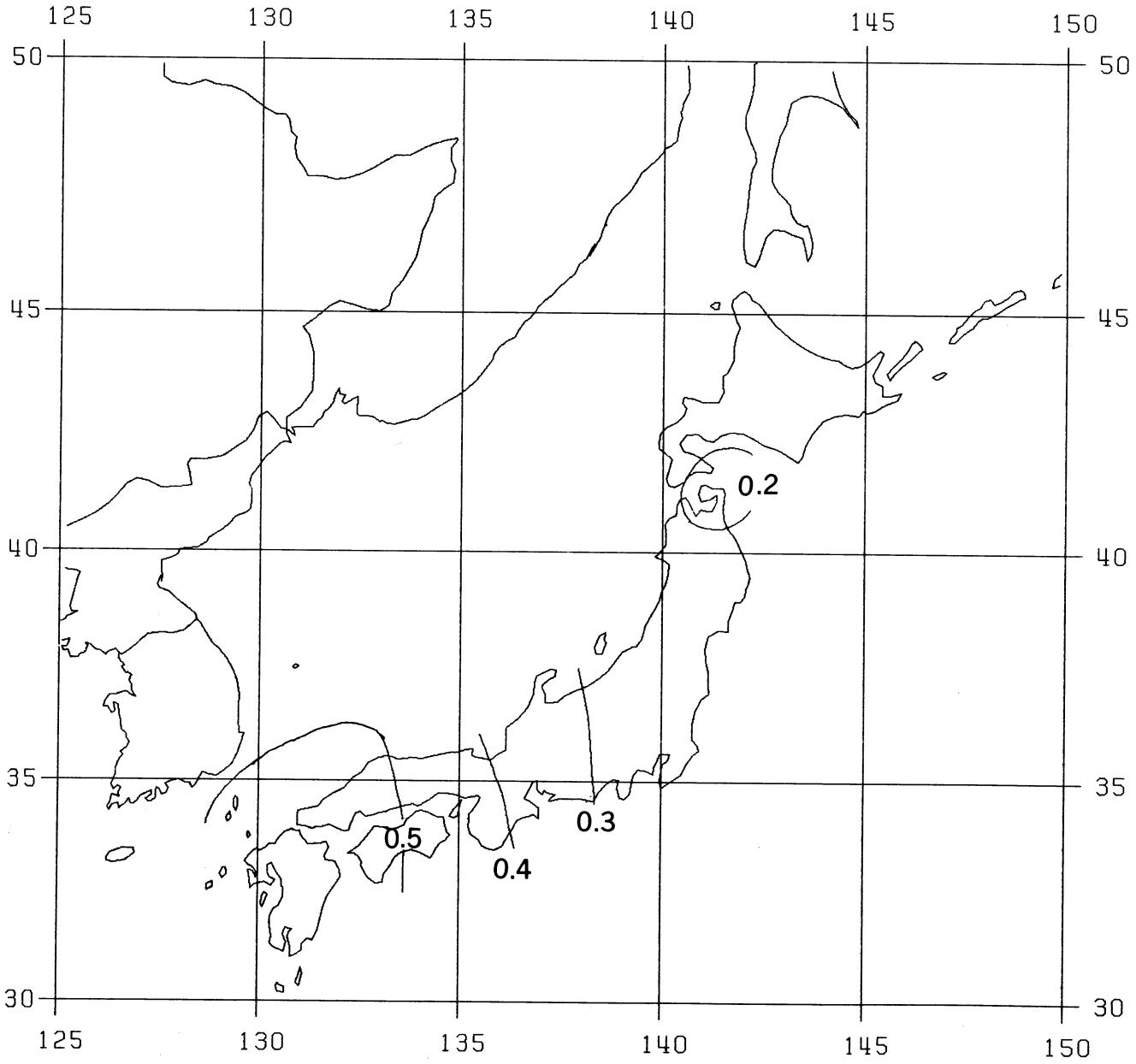

Figure 26.19. Maximum Latitude Differences in Converting WGS 72 Coordinates to WGS 84 (TD Area) - (Units = 0.1 Arc Second)

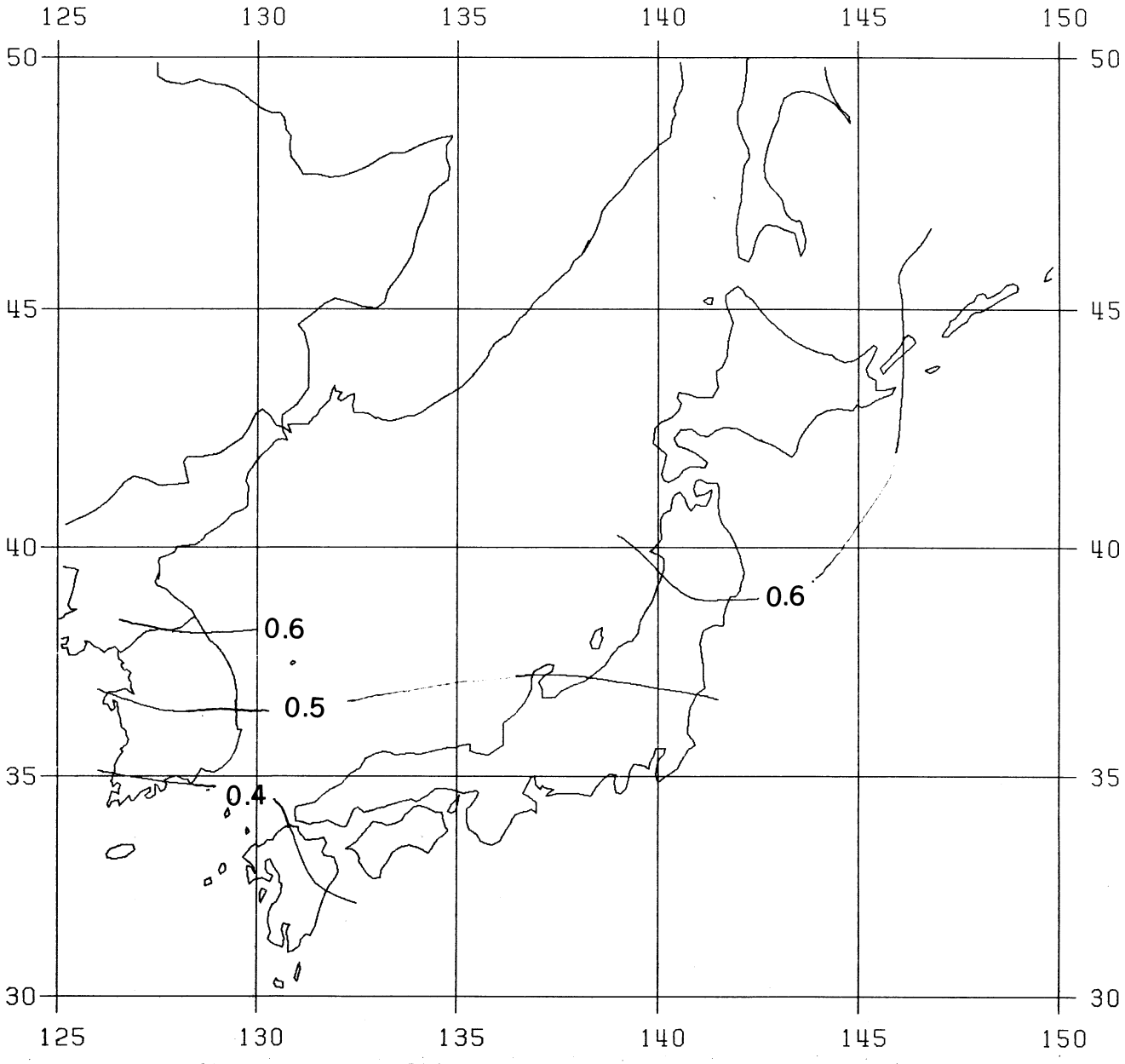

Figure 26.20. Maximum Longitude Differences in Converting WGS-72 Coordinates to WGS 84 (TD Area) - (Units = 0.1 Arc Second)

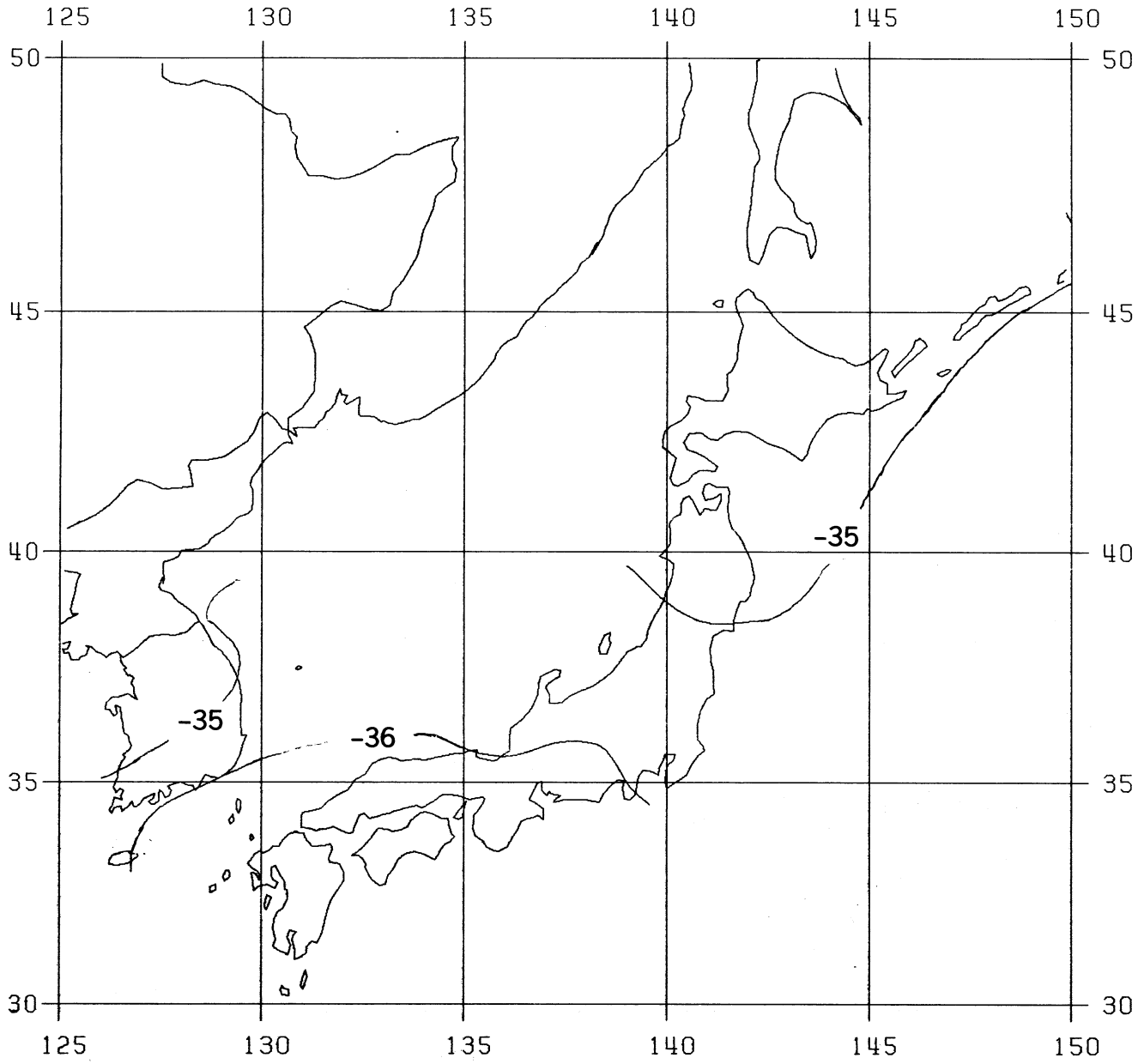

Figure 26.21. Maximum Geodetic Height Differences in Converting WGS 72 Coordinates to WGS 84 (TD Area) - (Units = 1 Meter)

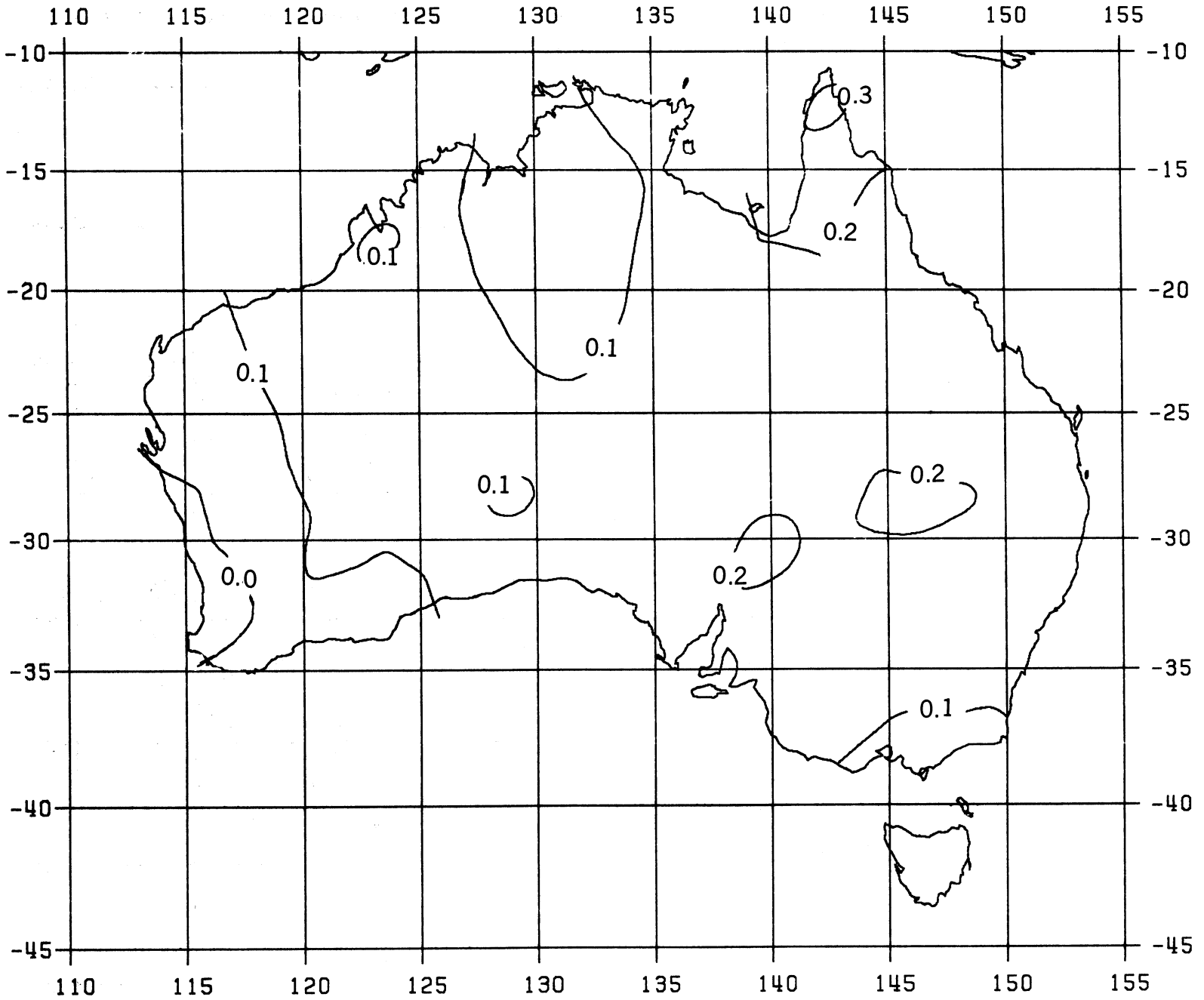

Figure 26.22. Maximum Latitude Differences in Converting WGS 72 Coordinates to WGS 84 (AGD 66 Area) - (Units = 0.1 Arc Second)

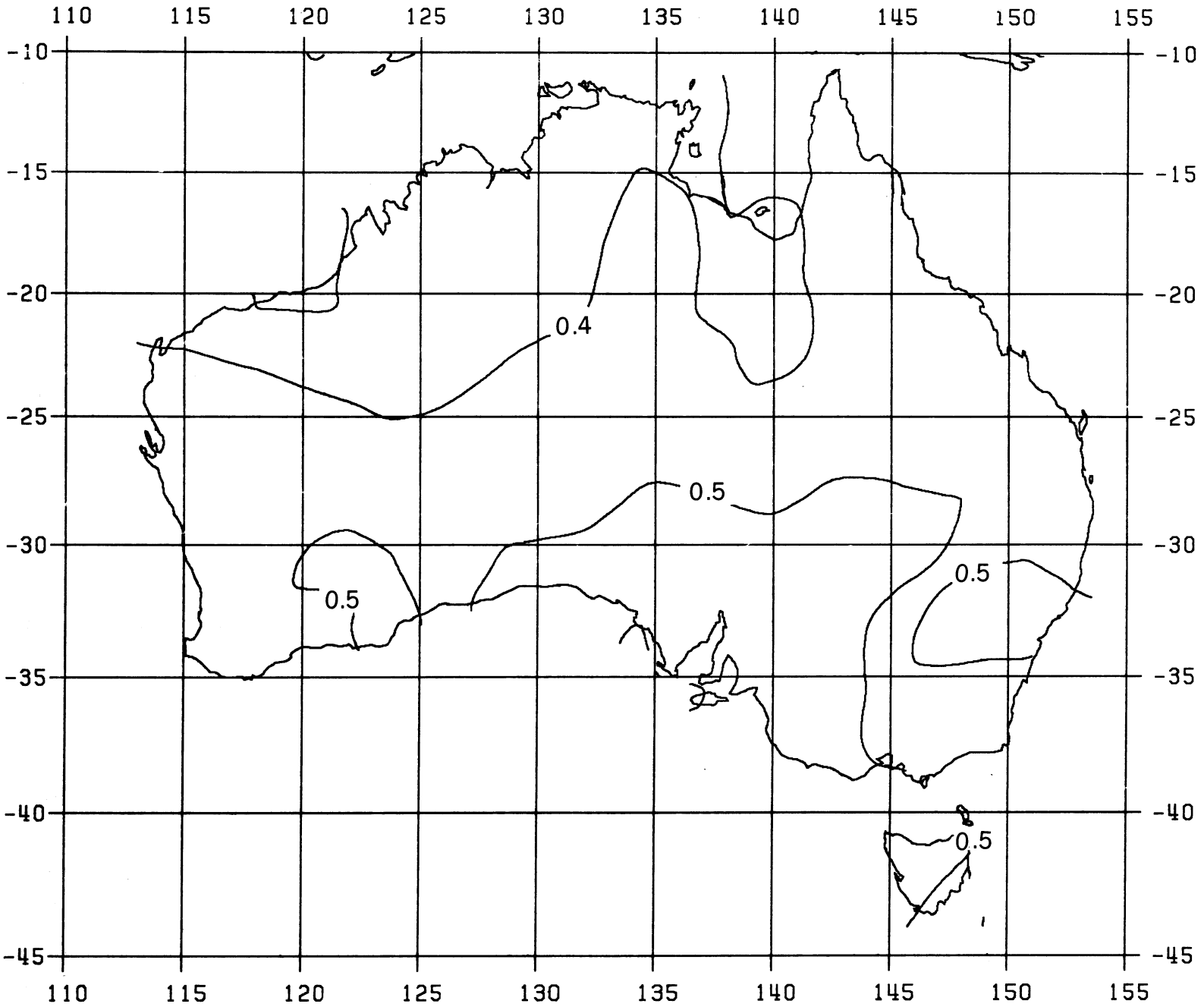

Figure 26.23. Maximum Longitude Differences in Converting WGS 72 Coordinates to WGS 84 (AGD 66 Area)-(Units = 0.1 Arc Second)

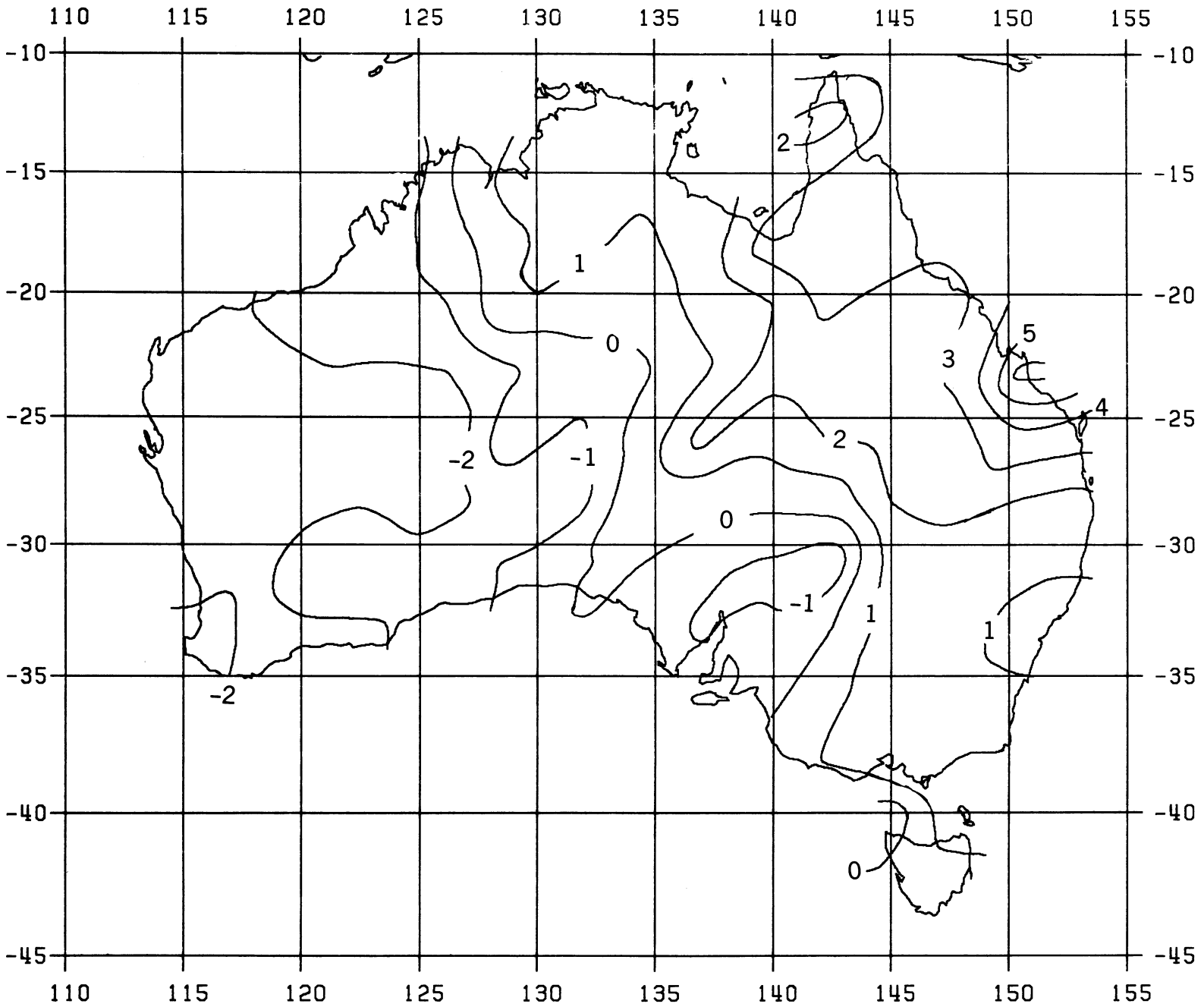

Figure 26.24. Maximum Geodetic Height Differences in Converting WGS 72 Coordinates to WGS 84 (AGD 66 Area)-(Units = 1 Meter)

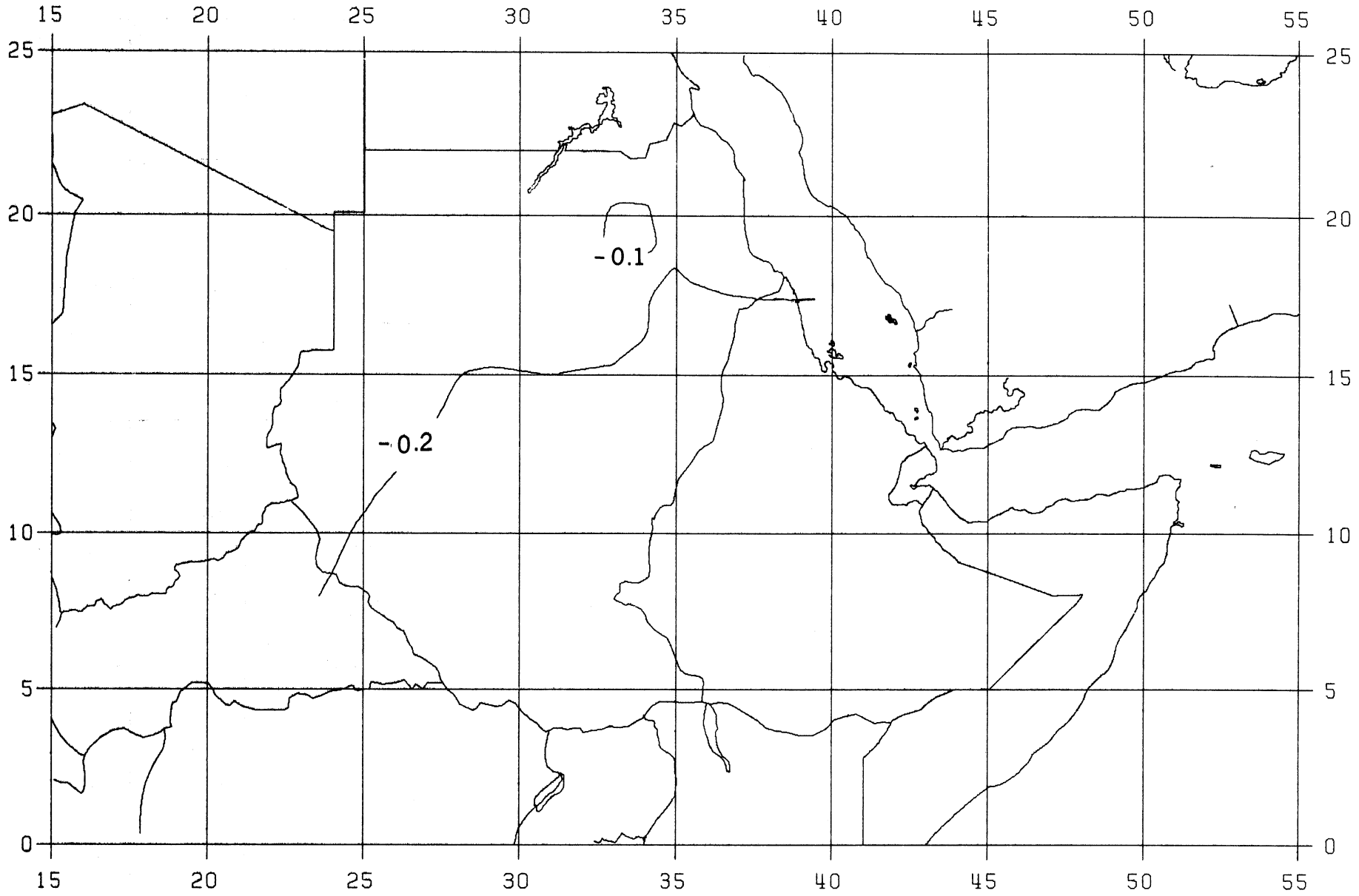

Figure 26.25. Maximum Latitude Differences in Converting WGS 72 Coordinates to WGS 84 (Adindan Datum Area)-(Units = 0.1 Arc Second)

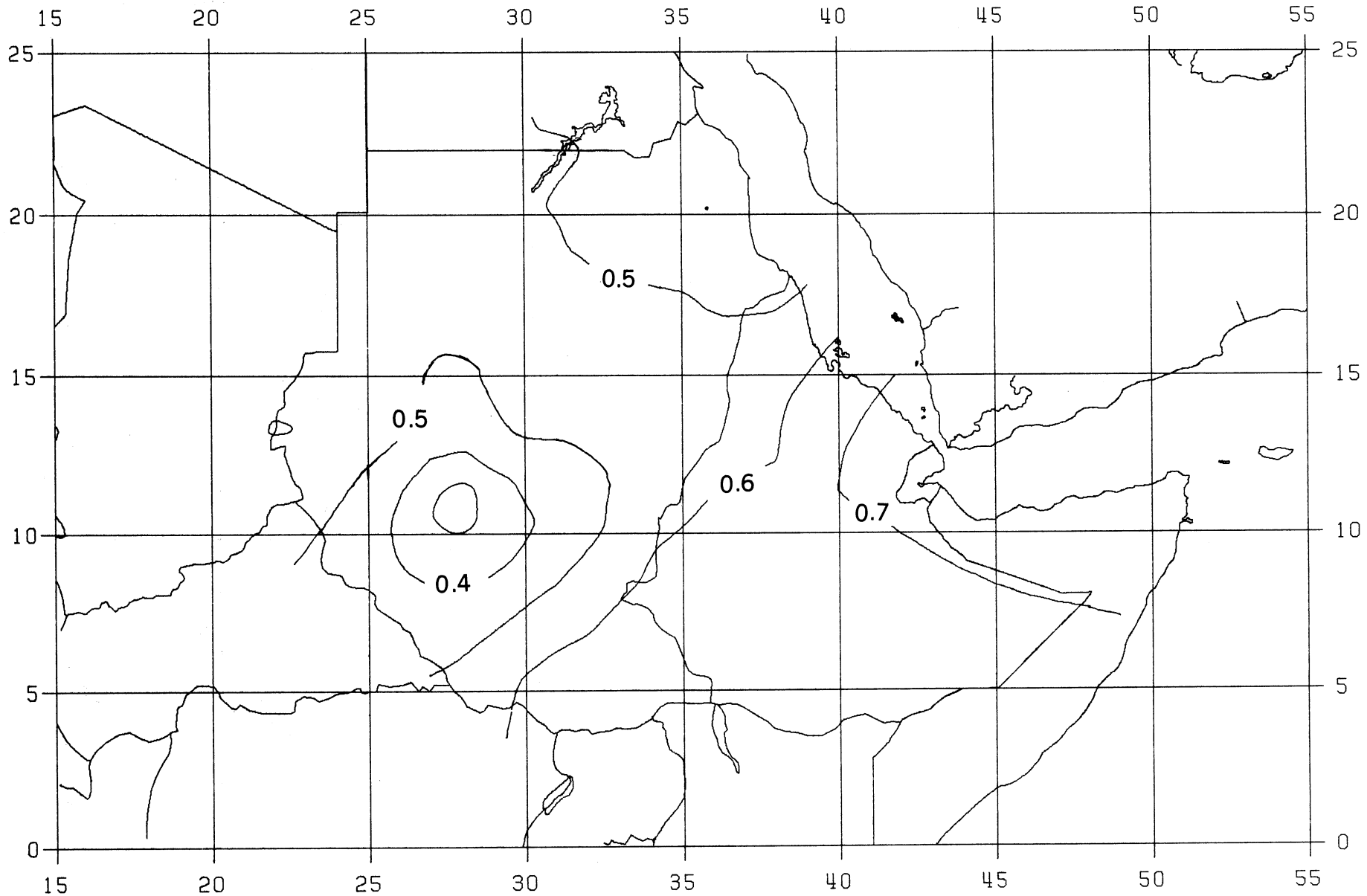

Figure 26.26. Maximum Longitude Differences in Converting WGS 72 Coordinates to WGS 84 (Adindan Datum Area) - (Units = 0.1 Arc Second)

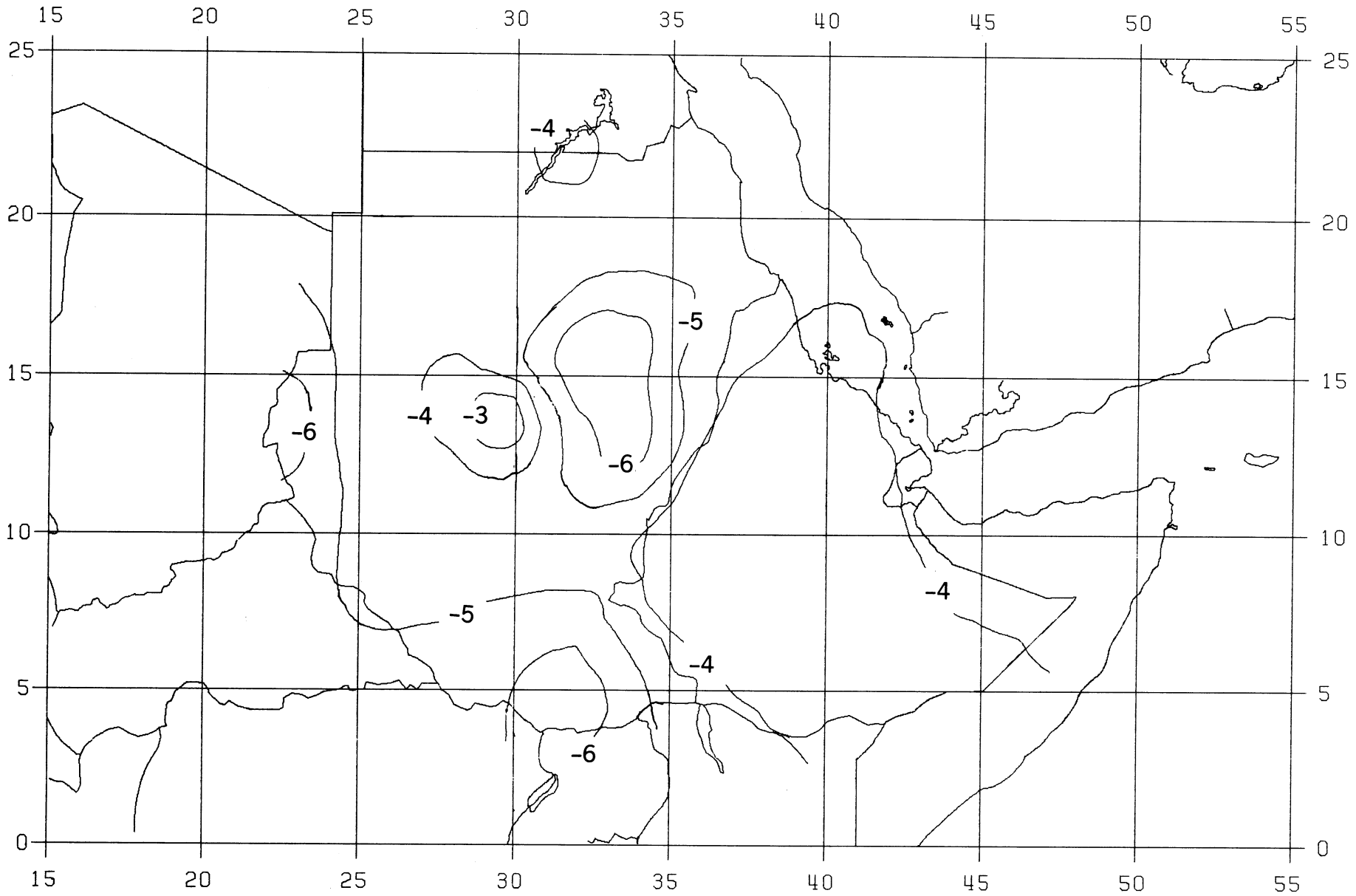

Figure 26.27. Maximum Geodetic Height Differences in Converting WGS 72 Coordinates to WGS 84 (Adindan Datum Area) - (Units = 1 Meter)

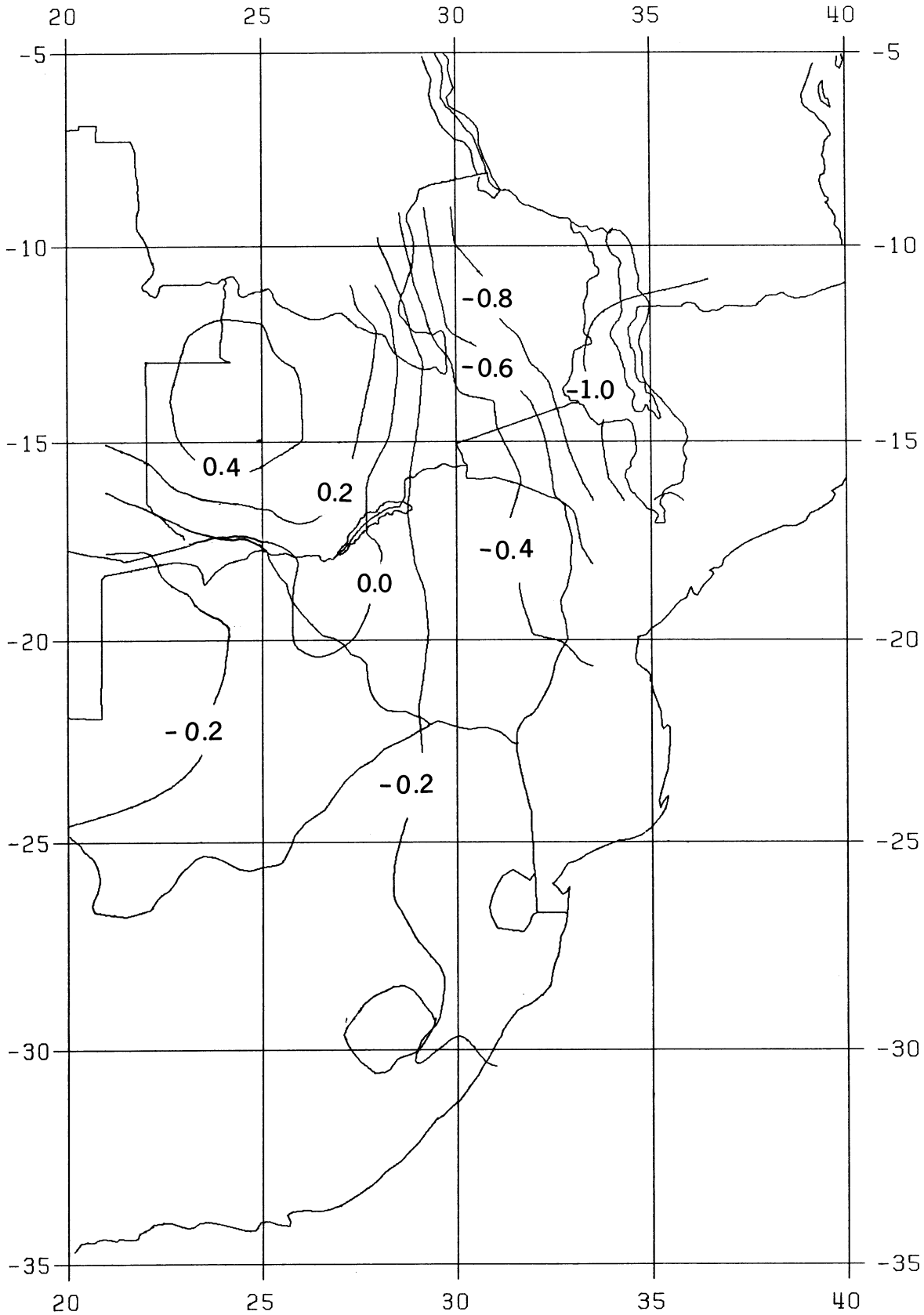

Figure 26.28. Maximum Latitude Differences in Converting WGS 72 Coordinates to WGS 84 (Arc Datum 1950 Area)-(Units = 0.2 Arc Second)

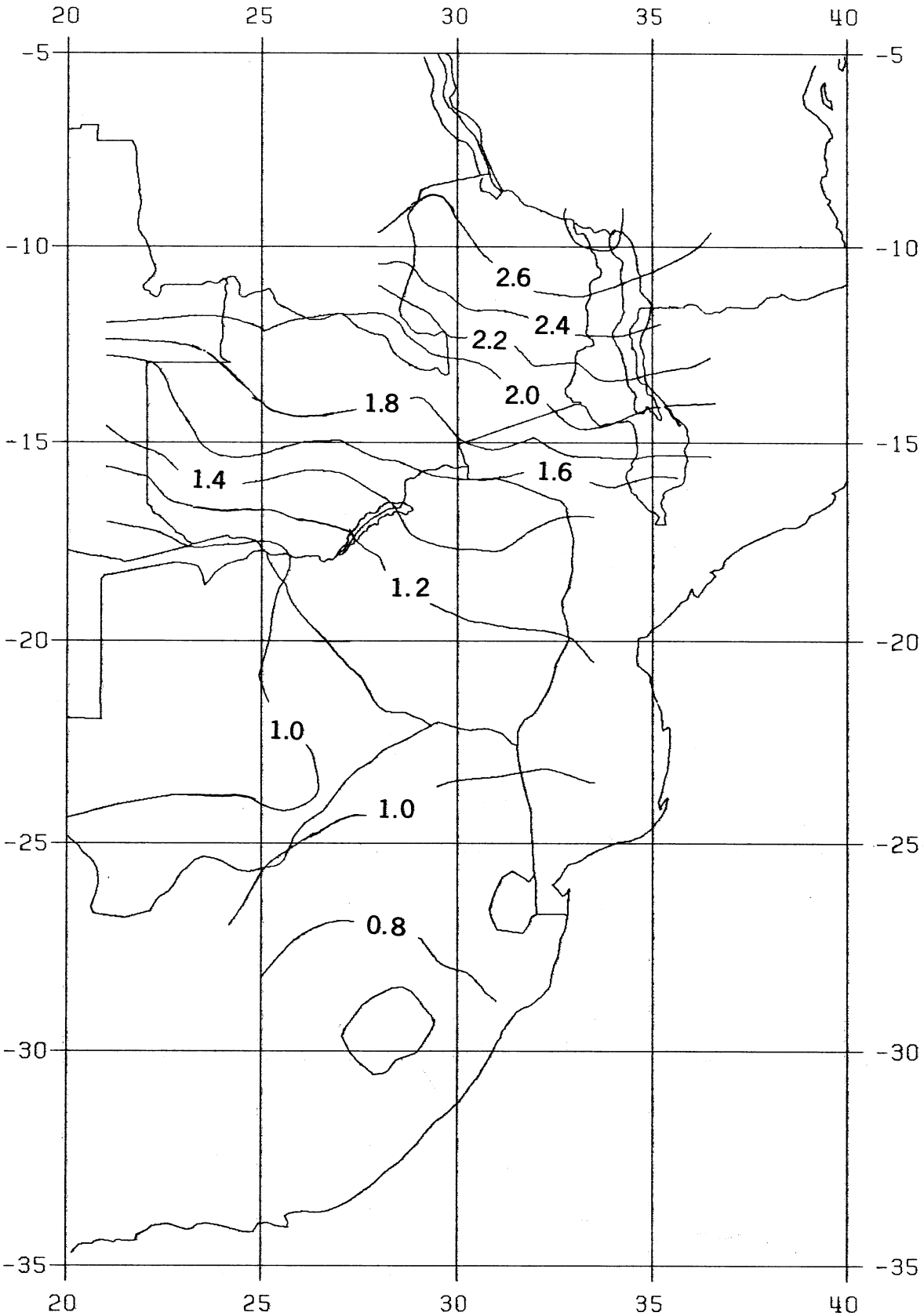

Figure 26.29. Maximum Longitude Differences in Converting WGS 72 Coordinates to WGS 84 (Arc Datum 1950 Area) - (Units = 0.2 Arc Second)

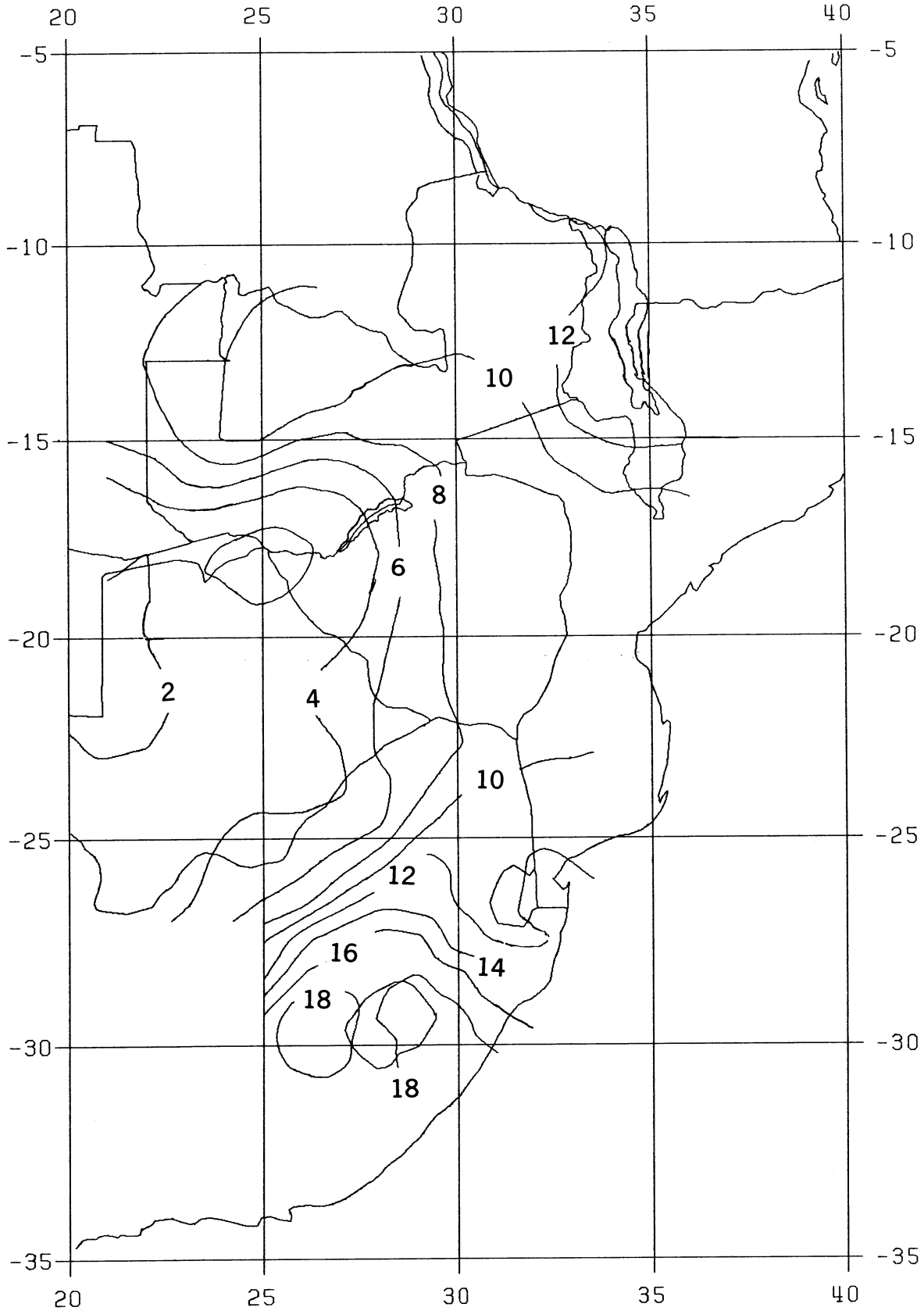

Figure 26.30. Maximum Geodetic Height Differences in Converting WGS 72 Coordinates to WGS 84 (Arc Datum 1950 Area) - (Units = 2 Meters)

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