

# APPENDIX C

## C.NEAR-SURFACE SOIL MOISTURE MAPS

### C.1 RAW TDR SOIL MOISTURE MAPS

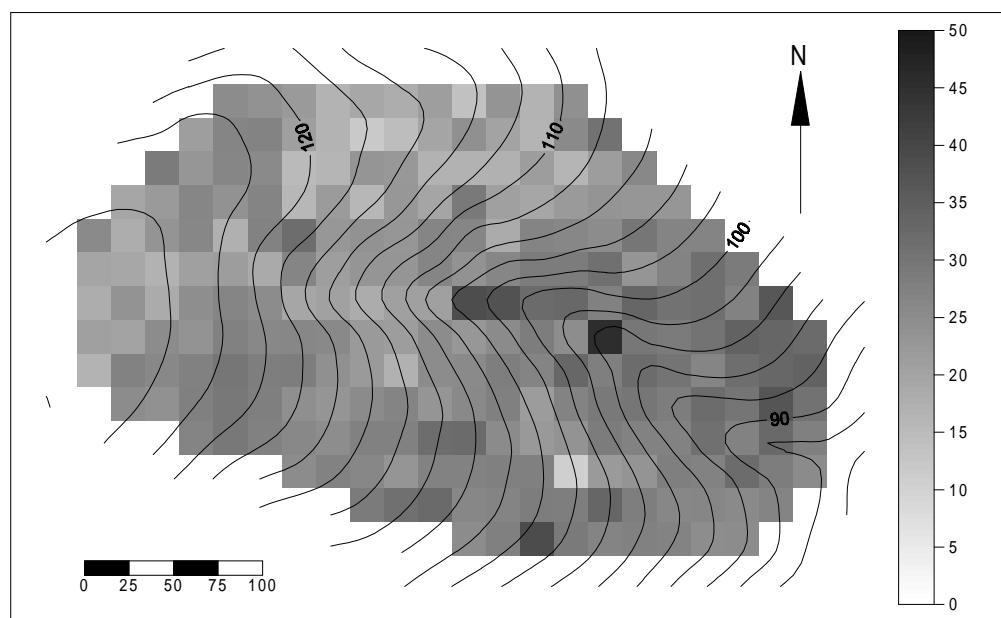


Figure C.1: Raw 15 cm TDR soil moisture map on Julian day 239 1997.

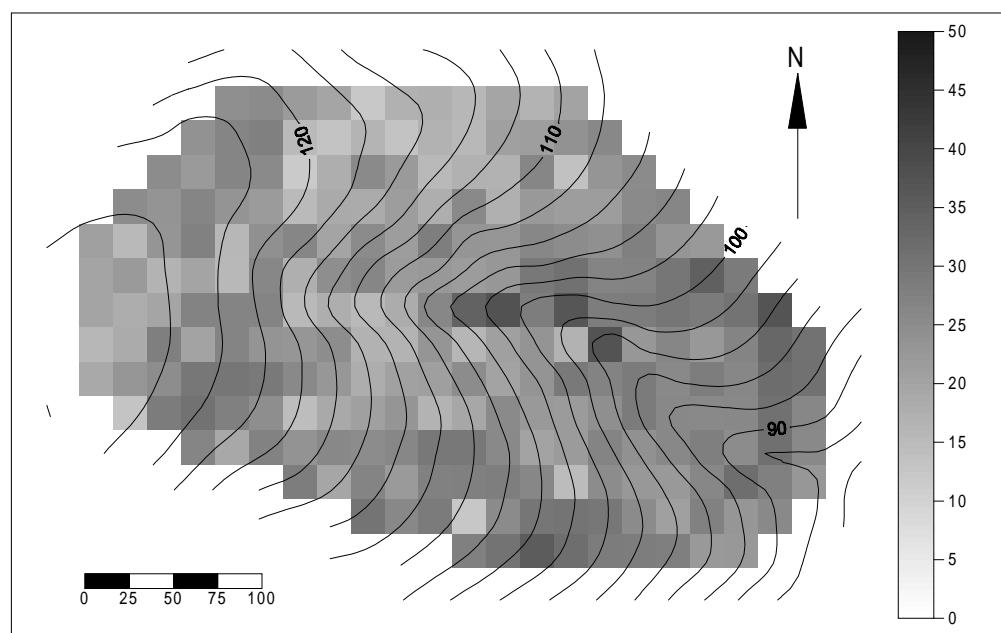


Figure C.2: Raw 15 cm TDR soil moisture map on Julian day 241 1997.

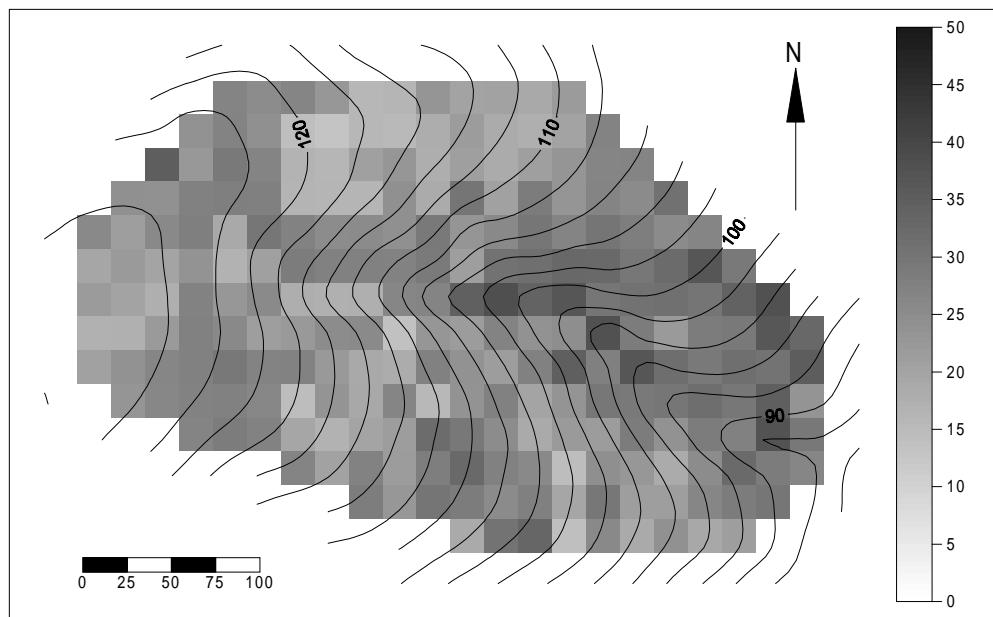


Figure C.3: Raw 15 cm TDR soil moisture map on Julian day 244 1997.

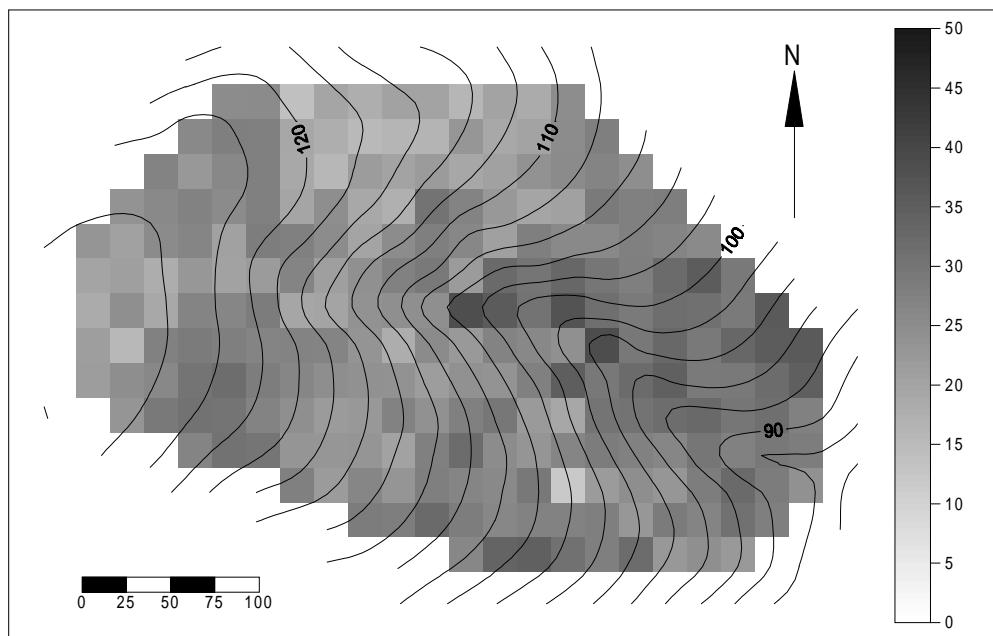


Figure C.4: Raw 15 cm TDR soil moisture map on Julian day 246 1997.

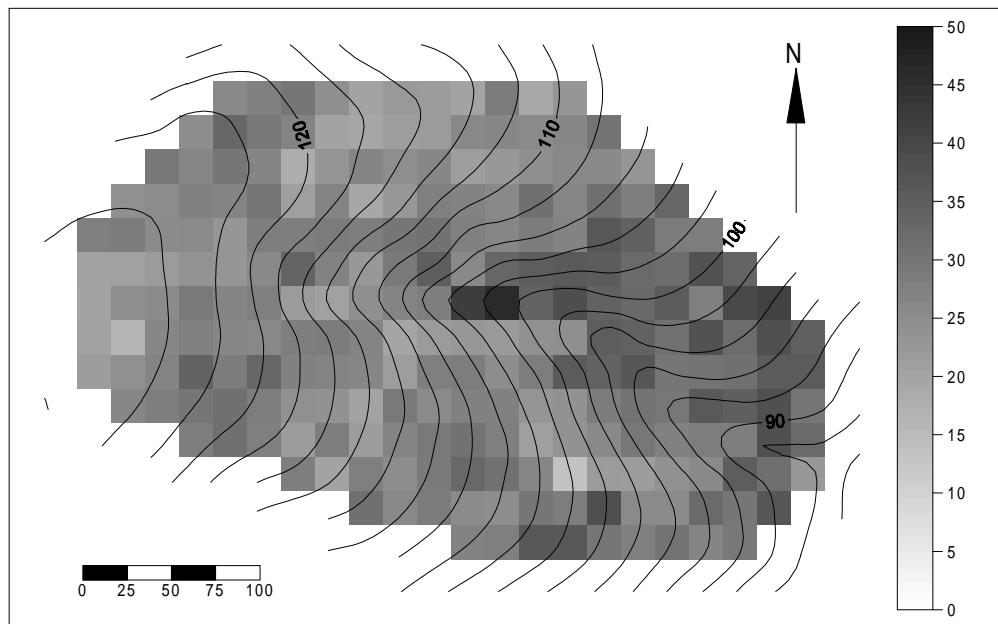


Figure C.5: Raw 15 cm TDR soil moisture map on Julian day 249 1997.

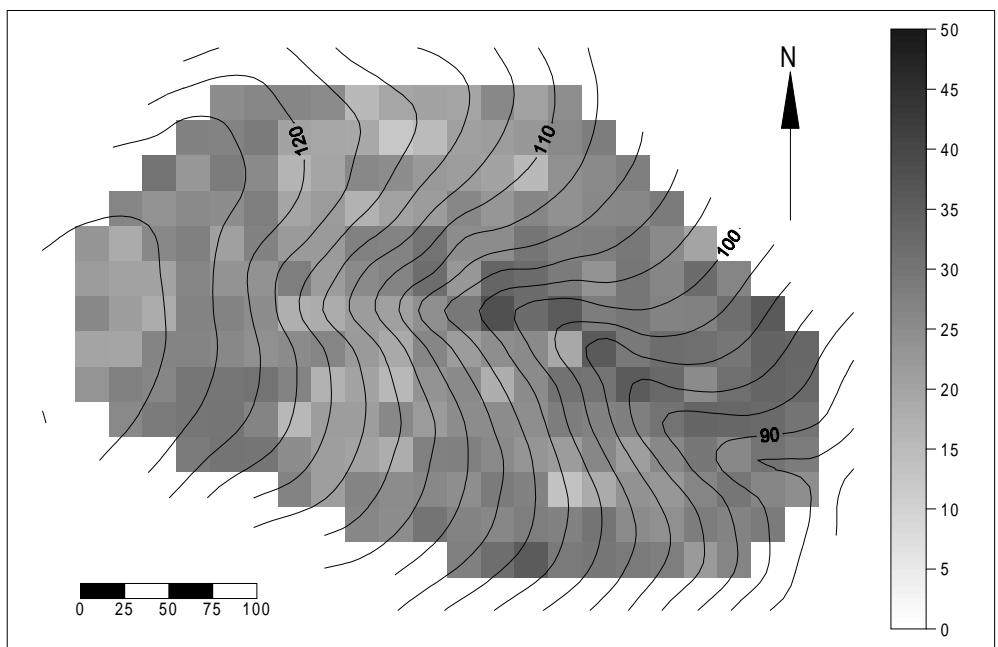


Figure C.6: Raw 15 cm TDR soil moisture map on Julian day 251 1997.

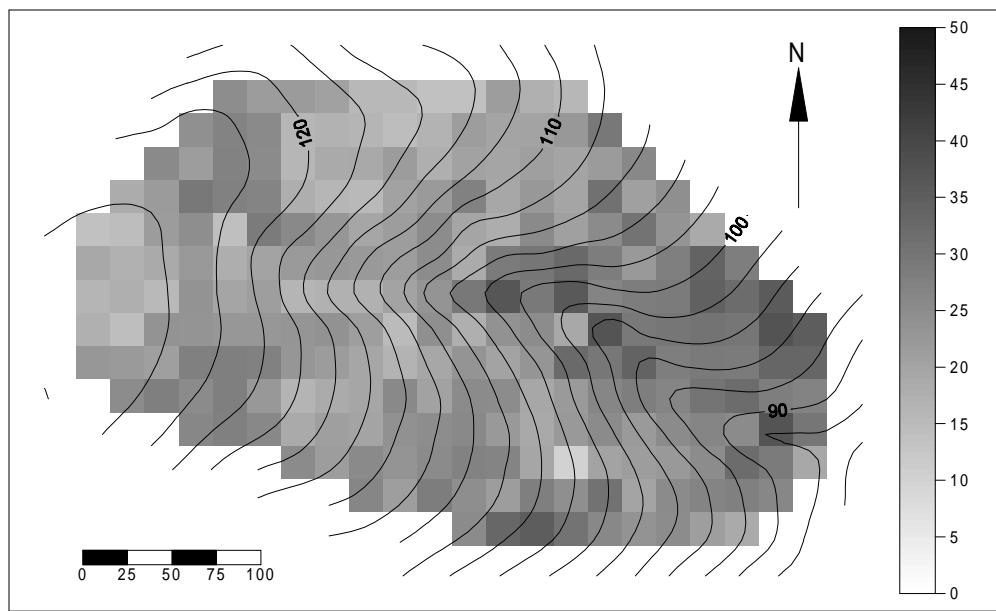


Figure C.7: Raw 15 cm TDR soil moisture map on Julian day 253 1997.

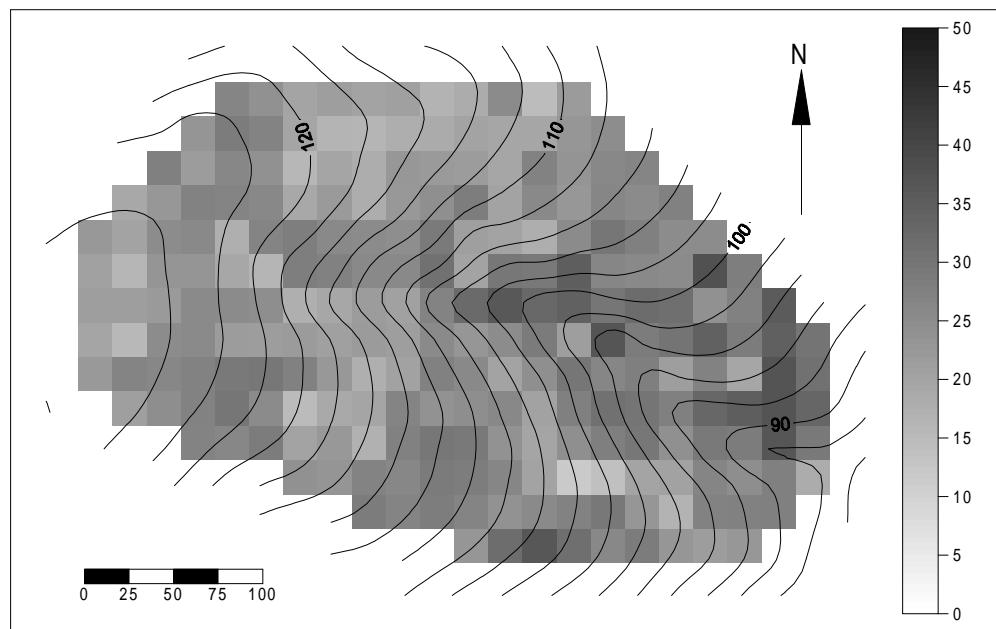


Figure C.8: Raw 15 cm TDR soil moisture map on Julian day 255 1997.

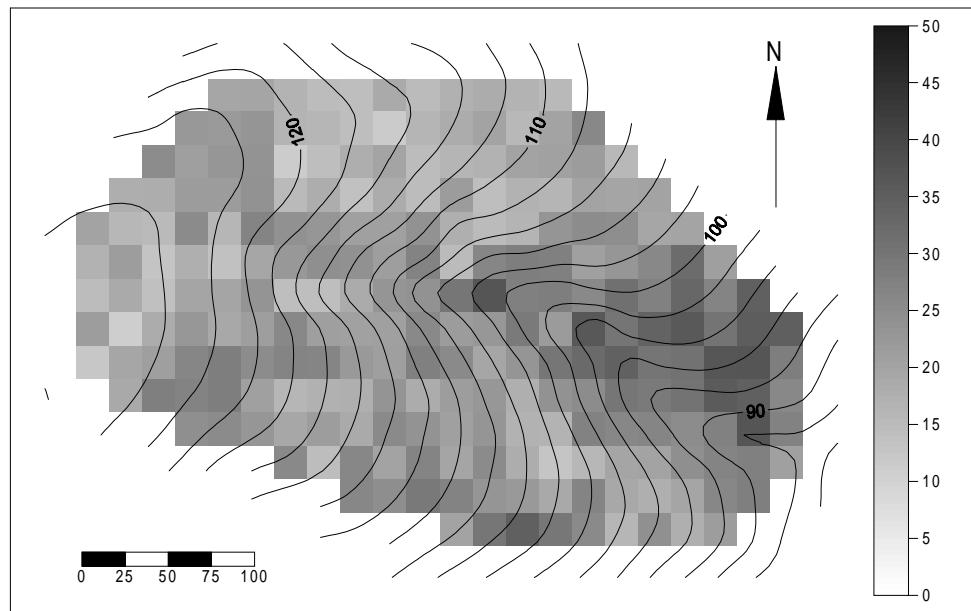


Figure C.9: Raw 15 cm TDR soil moisture map on Julian day 258 1997.

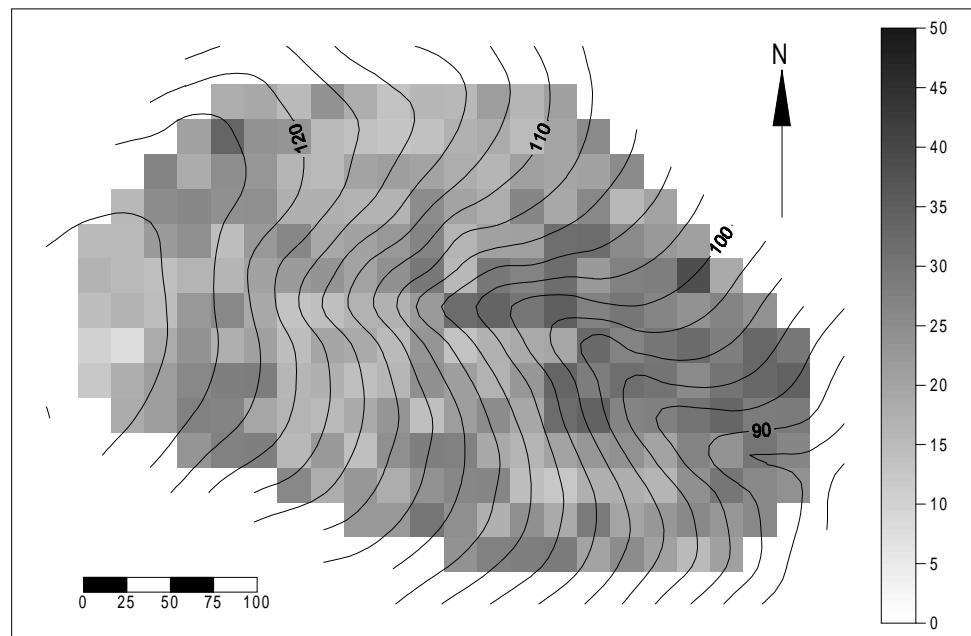


Figure C.10: Raw 15 cm TDR soil moisture map on Julian day 260 1997.

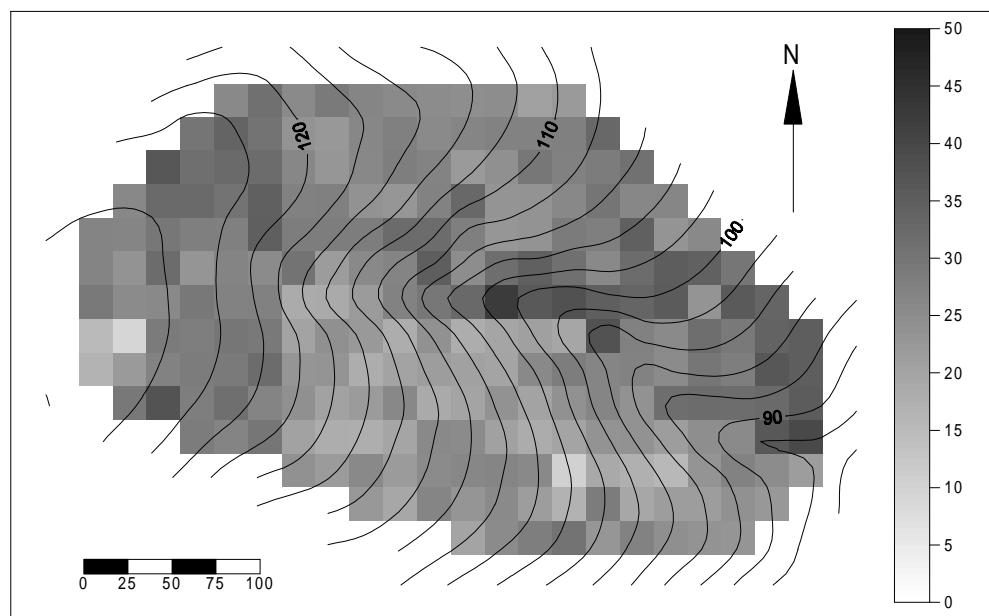


Figure C.11: Raw 15 cm TDR soil moisture map on Julian day 262 1997.

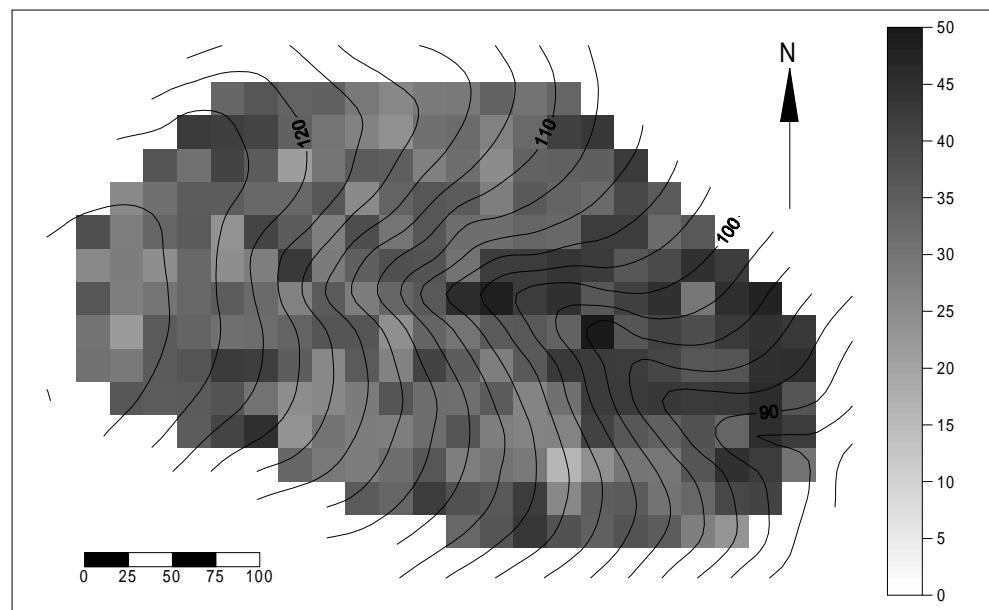


Figure C.12: Raw 15 cm TDR soil moisture map on Julian day 265 1997.

## C.2 INTERPOLATED TDR SOIL MOISTURE MAPS

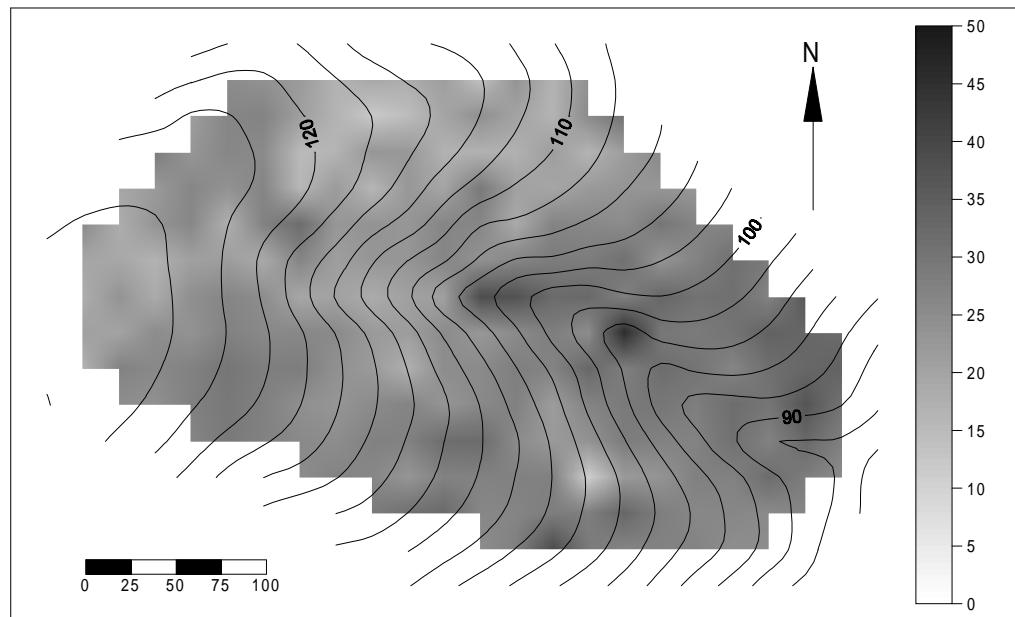


Figure C.13: Interpolated 15 cm TDR soil moisture map on Julian day 239 1997.

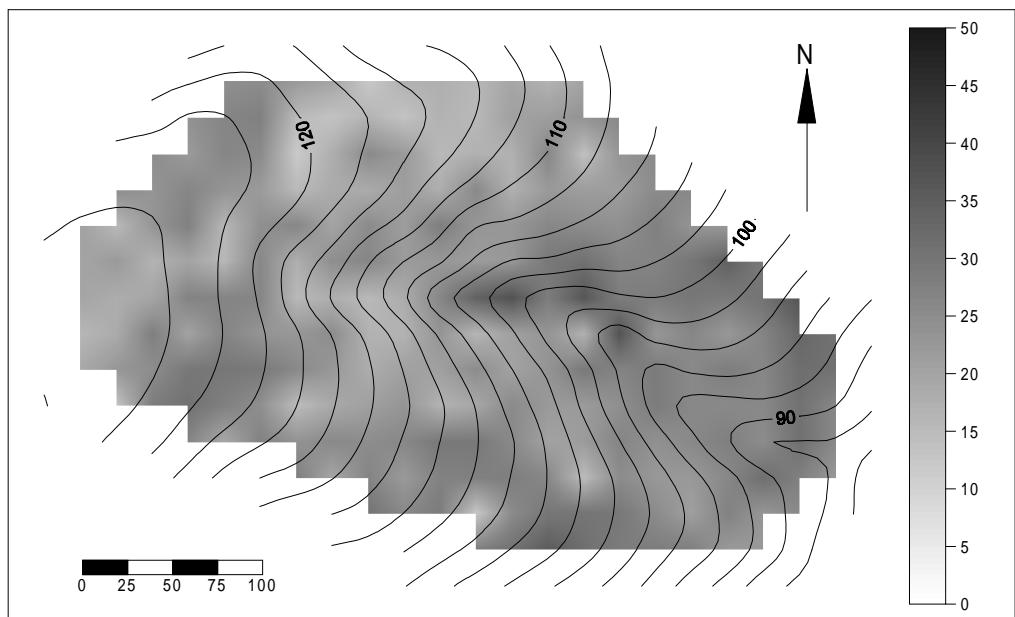


Figure C.14: Interpolated 15 cm TDR soil moisture map on Julian day 241 1997.

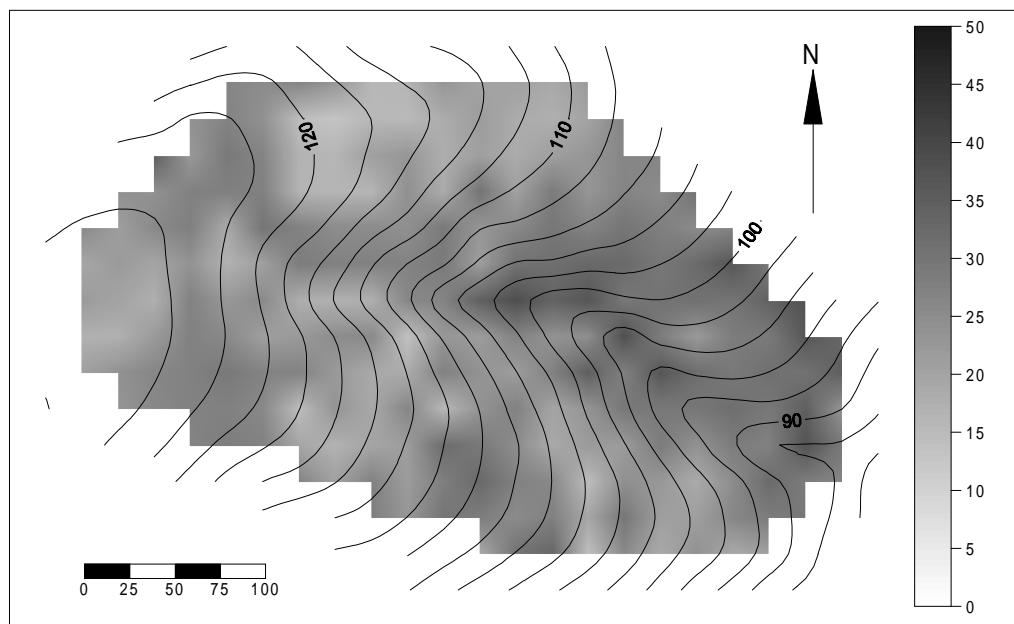


Figure C.15: Interpolated 15 cm TDR soil moisture map on Julian day 244 1997.

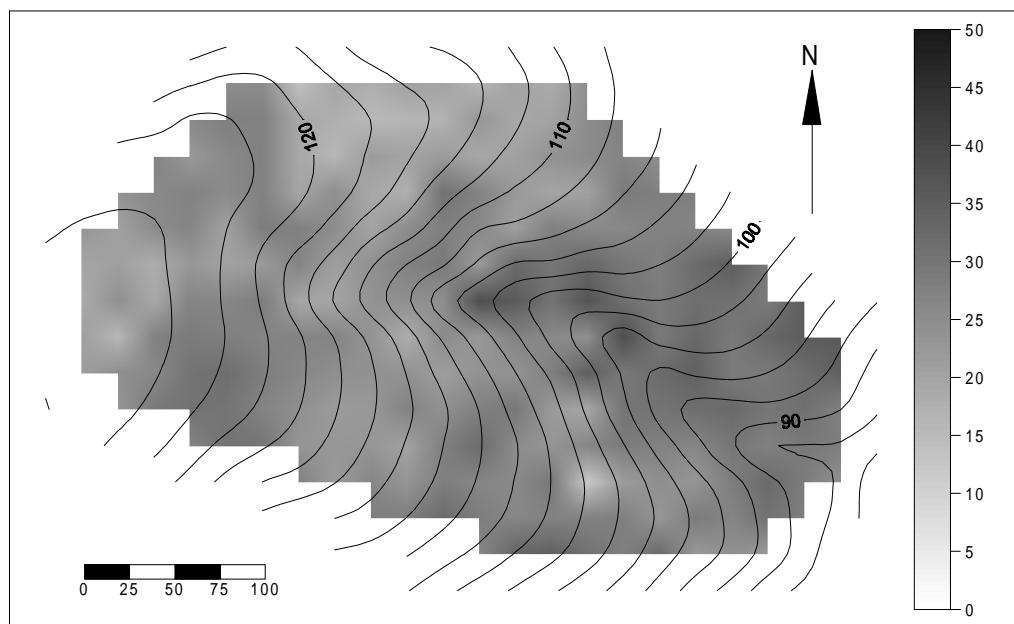


Figure C.16: Interpolated 15 cm TDR soil moisture map on Julian day 246 1997.

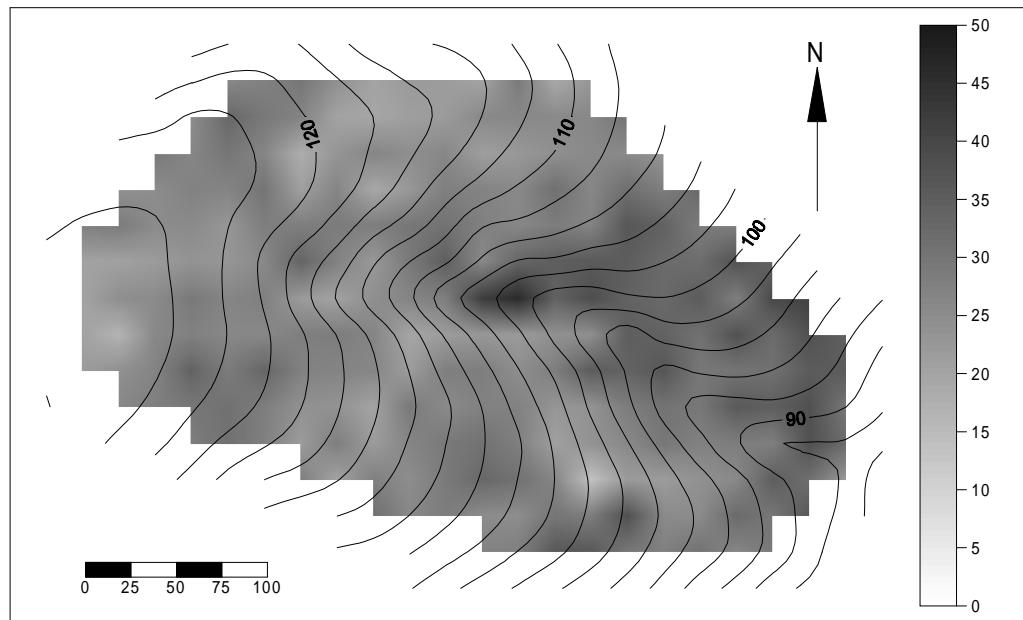


Figure C.17: Interpolated 15 cm TDR soil moisture map on Julian day 249 1997.

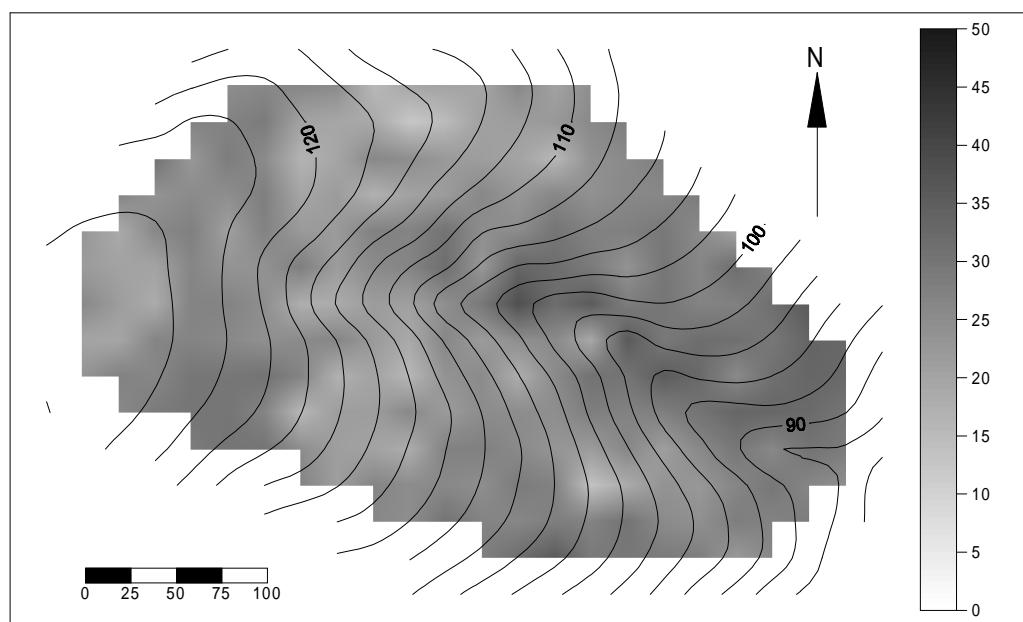


Figure C.18: Interpolated 15 cm TDR soil moisture map on Julian day 251 1997.

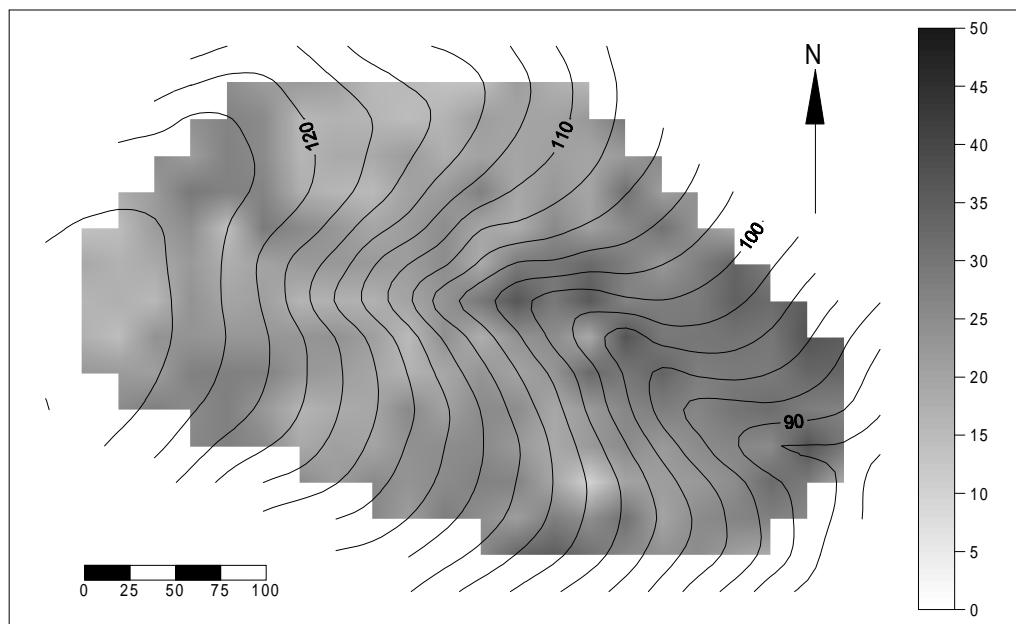


Figure C.19: Interpolated 15 cm TDR soil moisture map on Julian day 253 1997.

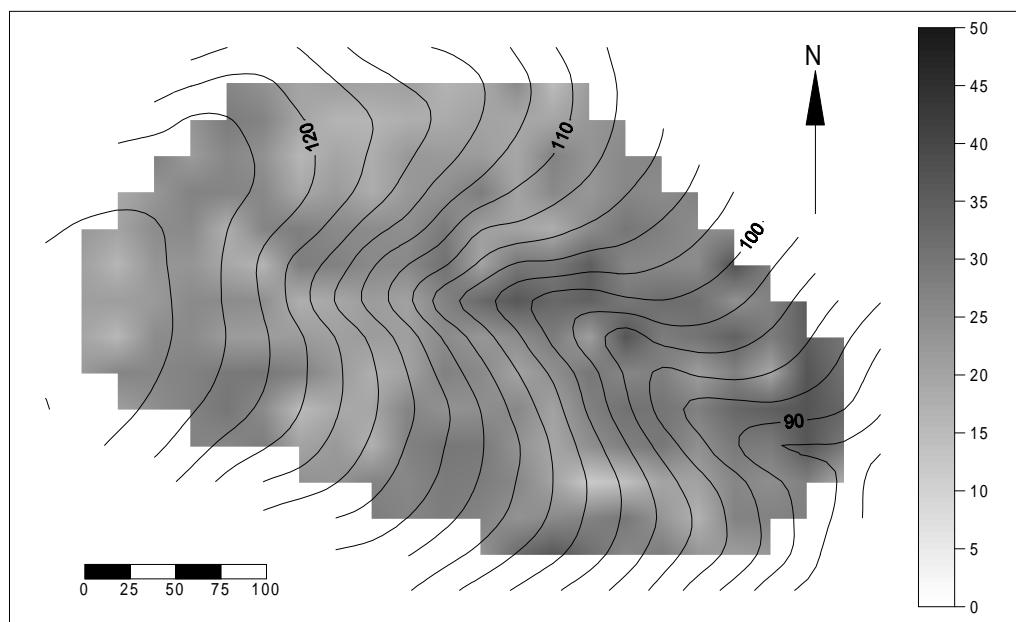


Figure C.20: Interpolated 15 cm TDR soil moisture map on Julian day 255 1997.

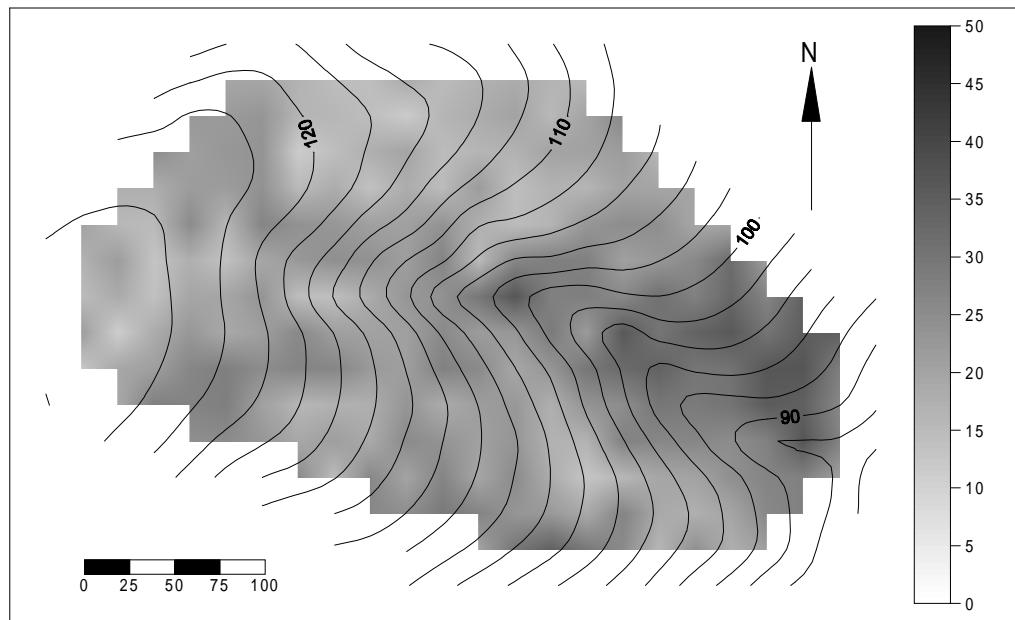


Figure C.21: Interpolated 15 cm TDR soil moisture map on Julian day 258 1997.

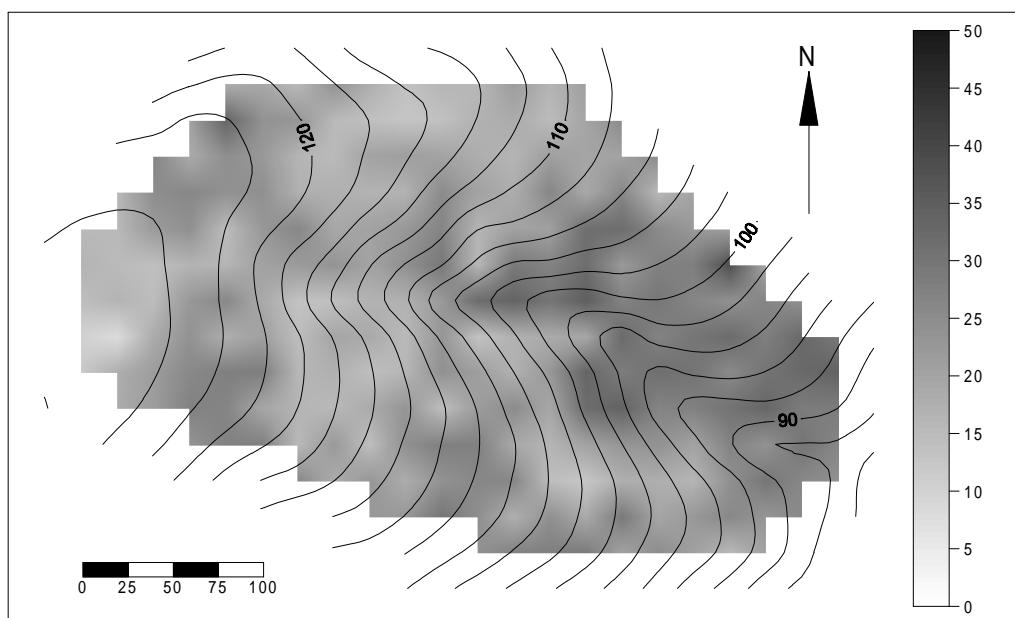


Figure C.22: Interpolated 15 cm TDR soil moisture map on Julian day 260 1997.

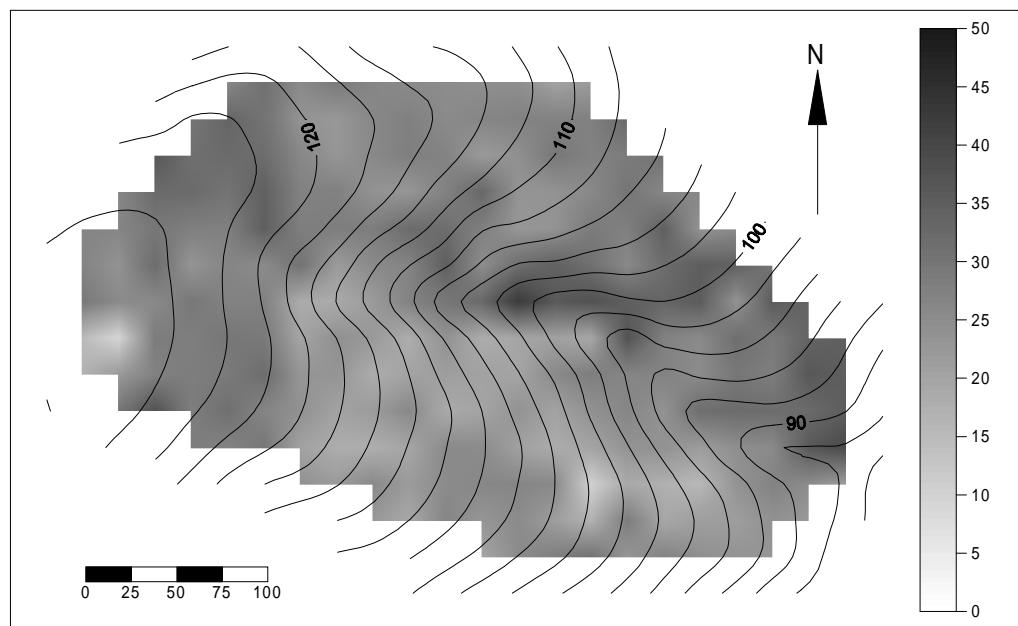


Figure C.23: Interpolated 15 cm TDR soil moisture map on Julian day 262 1997.

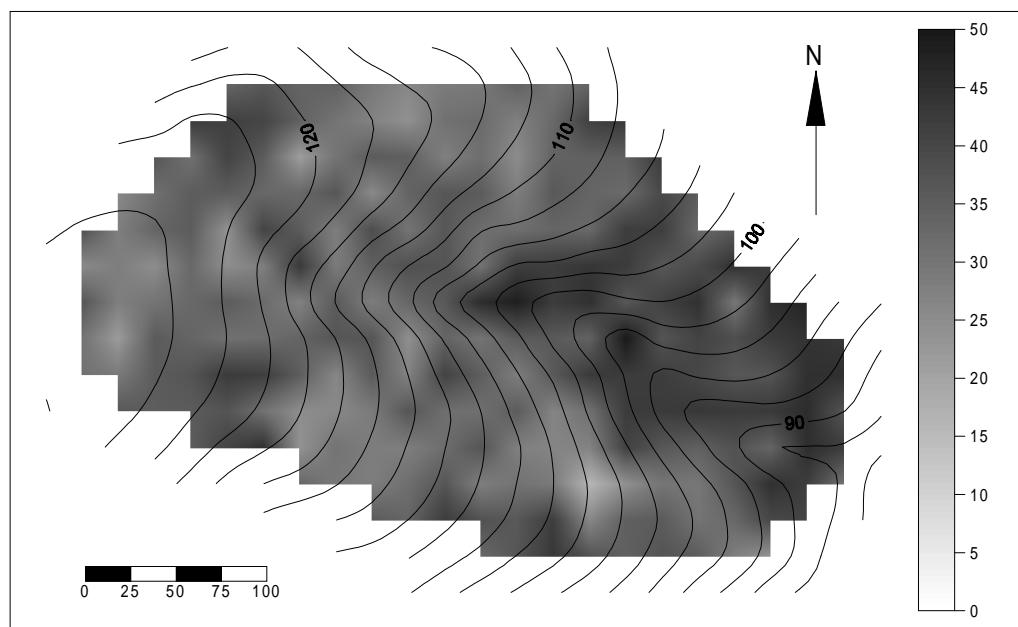


Figure C.24: Interpolated 15 cm TDR soil moisture map on Julian day 265 1997.

### C.3 RAW TDR SOIL MOISTURE DIFFERENCE MAPS

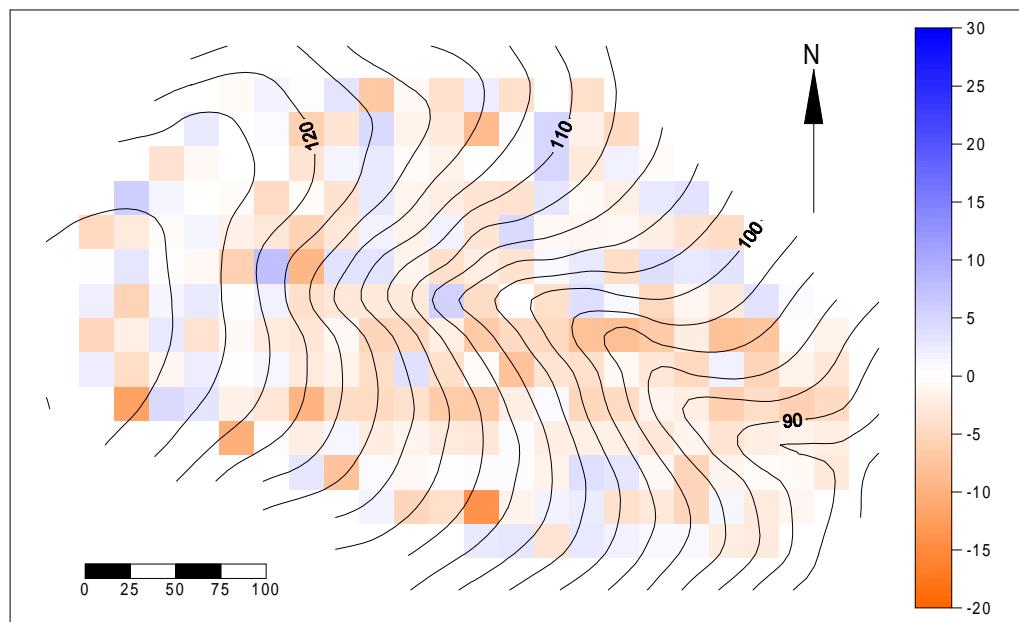


Figure C.25: Raw 15 cm TDR soil moisture difference map for Julian days 239 to 241 1997.

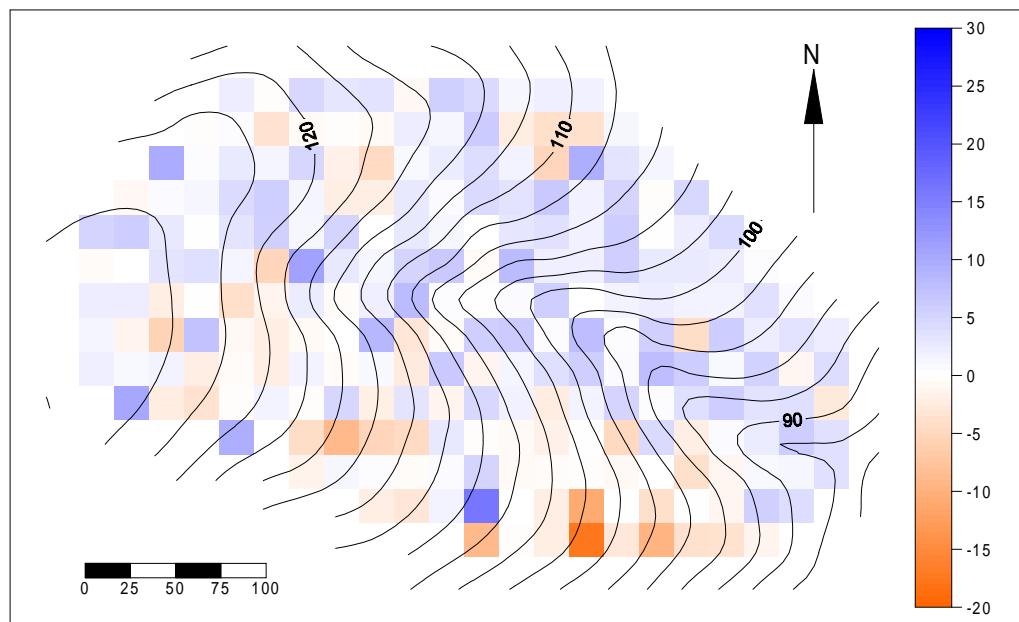


Figure C.26: Raw 15 cm TDR soil moisture difference map for Julian days 241 to 244 1997.

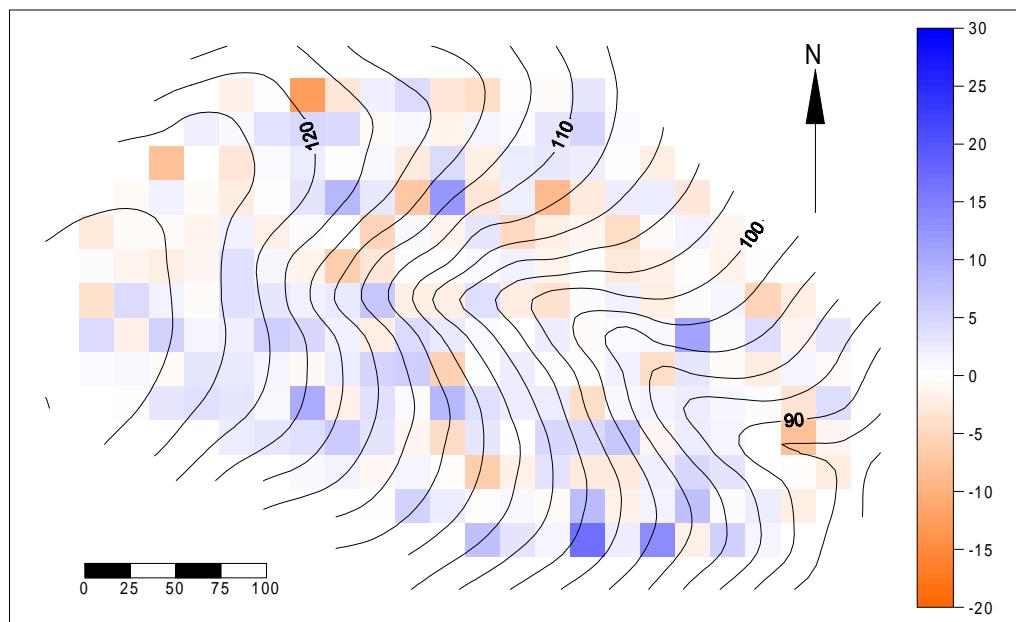


Figure C.27: Raw 15 cm TDR soil moisture difference map for Julian days 244 to 246 1997.

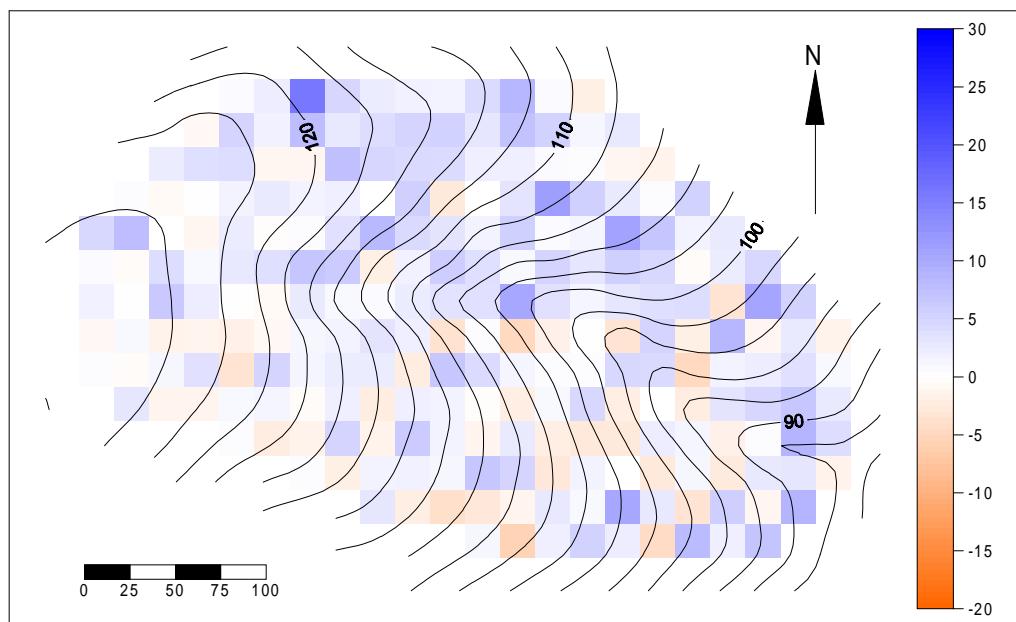


Figure C.28: Raw 15 cm TDR soil moisture difference map for Julian days 246 to 249 1997.

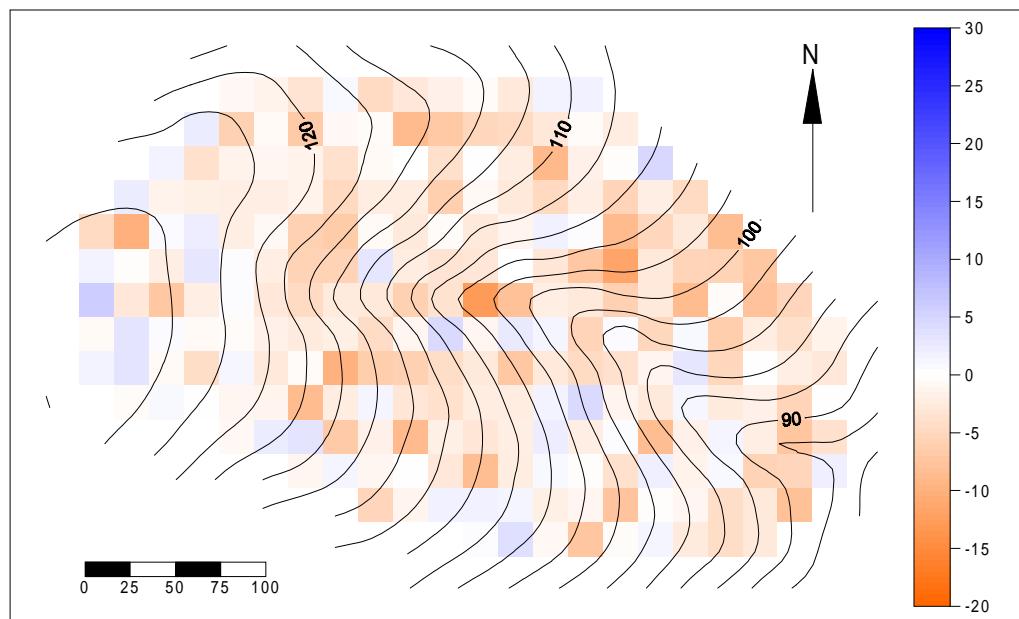


Figure C.29: Raw 15 cm TDR soil moisture difference map for Julian days 249 to 251 1997.

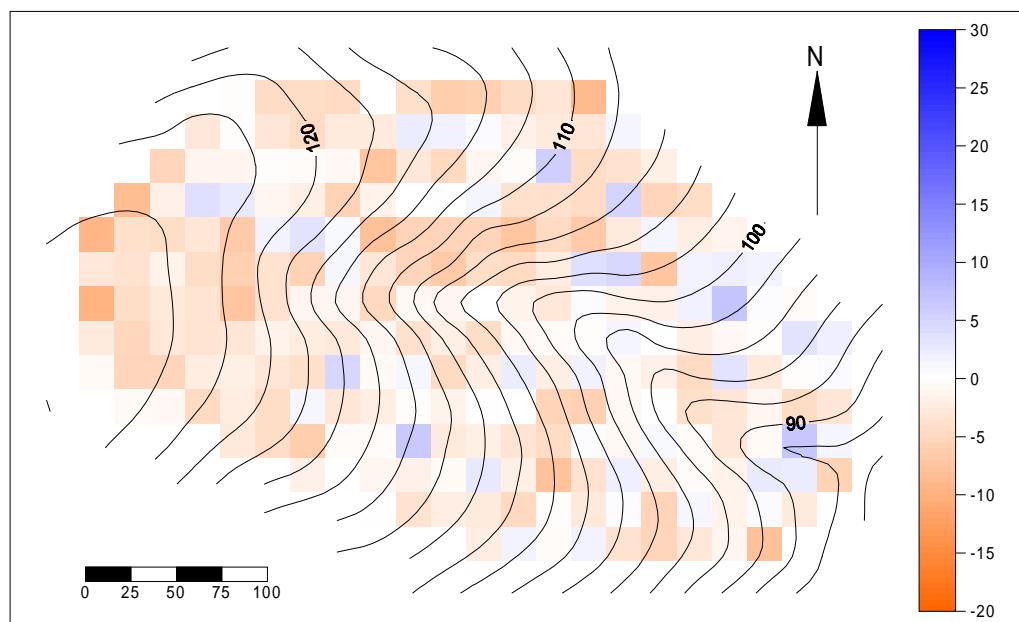


Figure C.30: Raw 15 cm TDR soil moisture difference map for Julian days 251 to 253 1997.

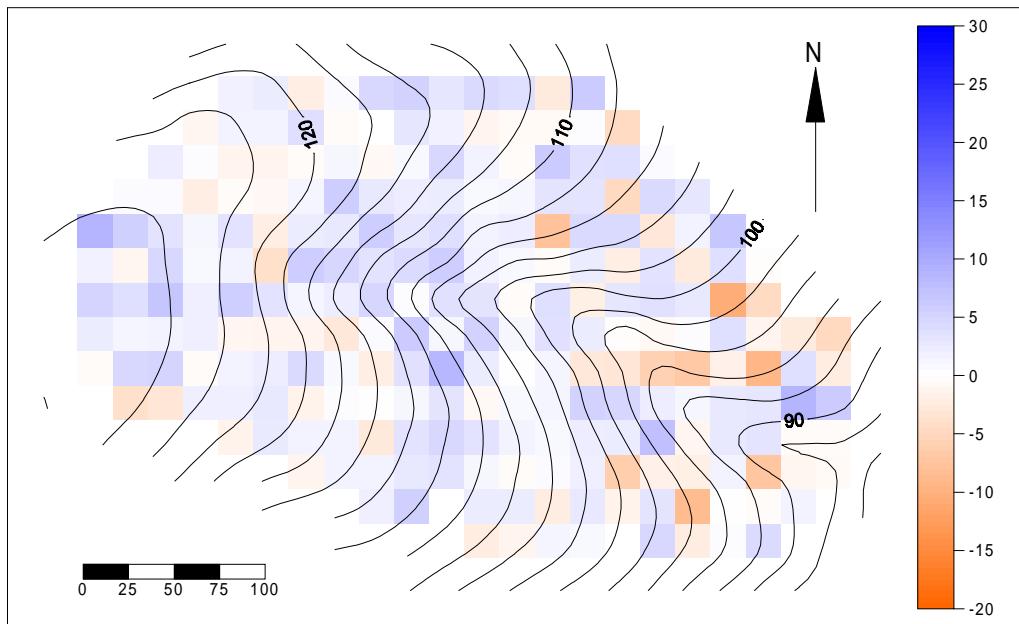


Figure C.31: Raw 15 cm TDR soil moisture difference map for Julian days 253 to 255 1997.

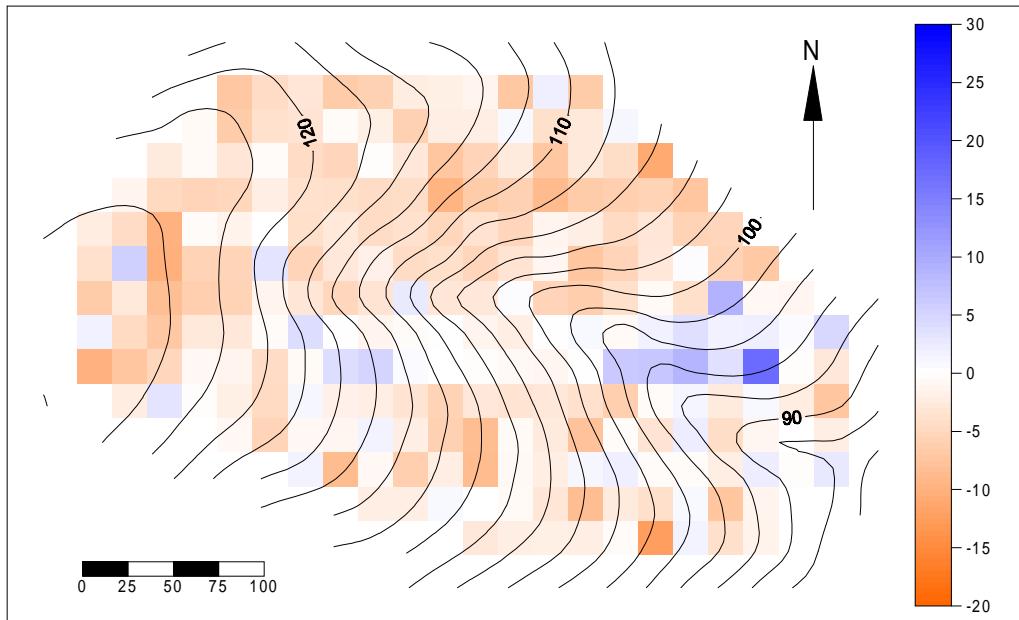


Figure C.32: Raw 15 cm TDR soil moisture difference map for Julian days 255 to 258 1997.

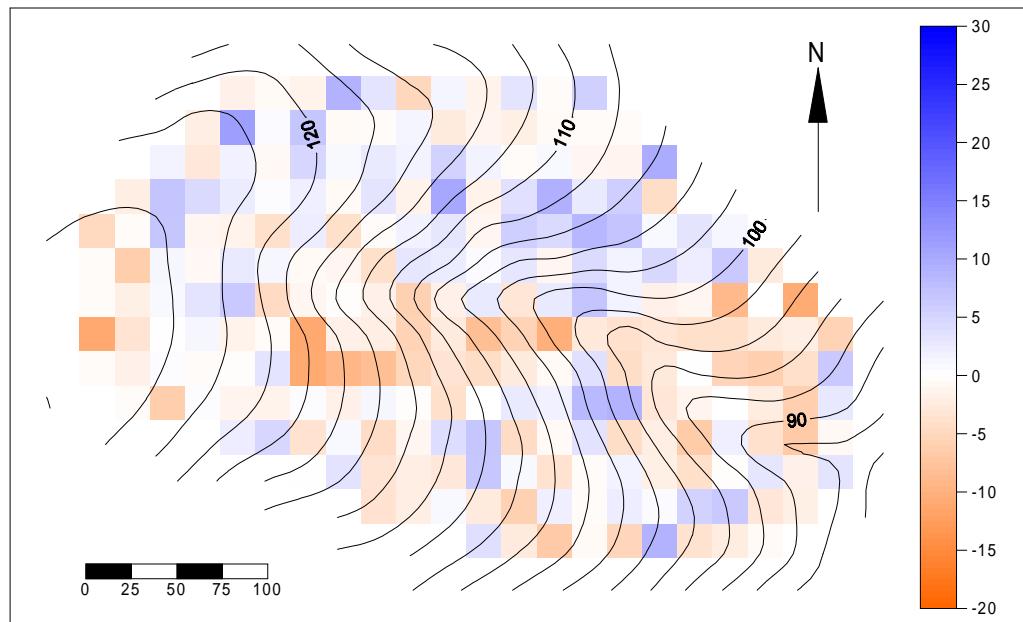


Figure C.33: Raw 15 cm TDR soil moisture difference map for Julian days 258 to 260 1997.

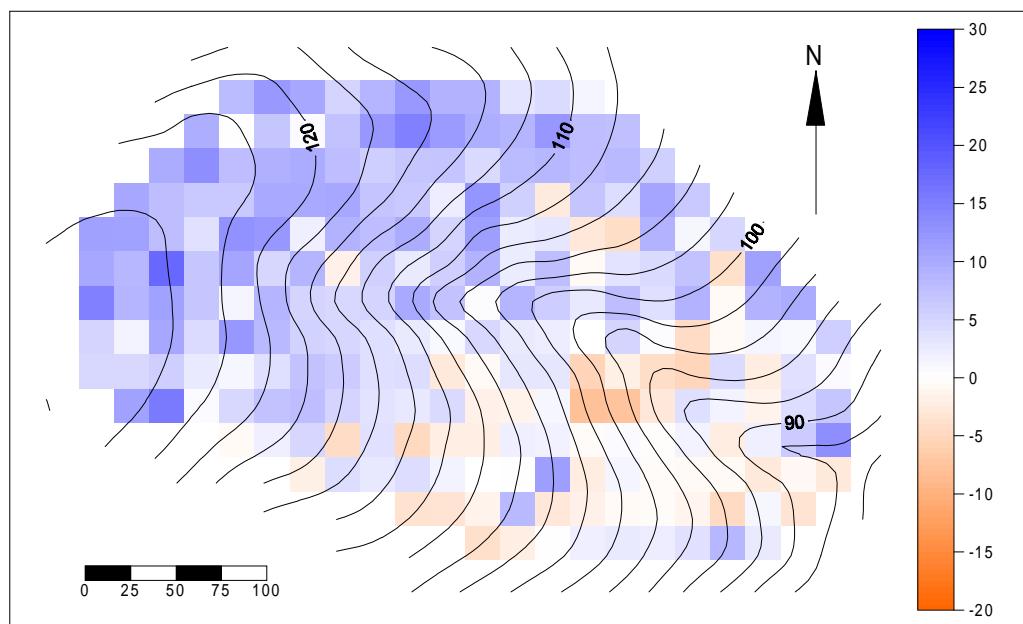


Figure C.34: Raw 15 cm TDR soil moisture difference map for Julian days 260 to 262 1997.

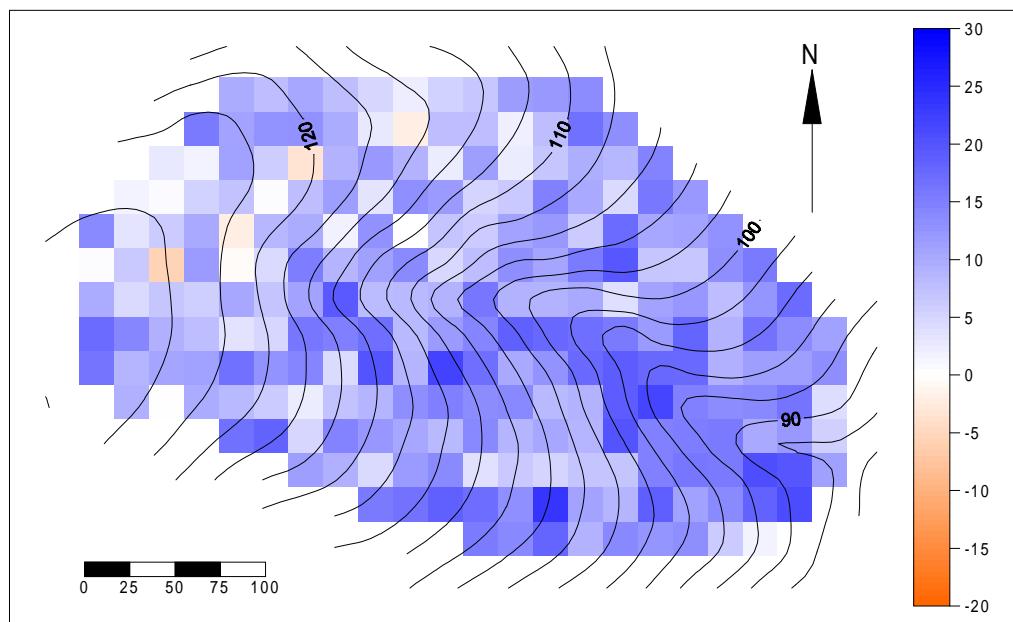


Figure C.35: Raw 15 cm TDR soil moisture difference map for Julian days 262 to 265 1997.

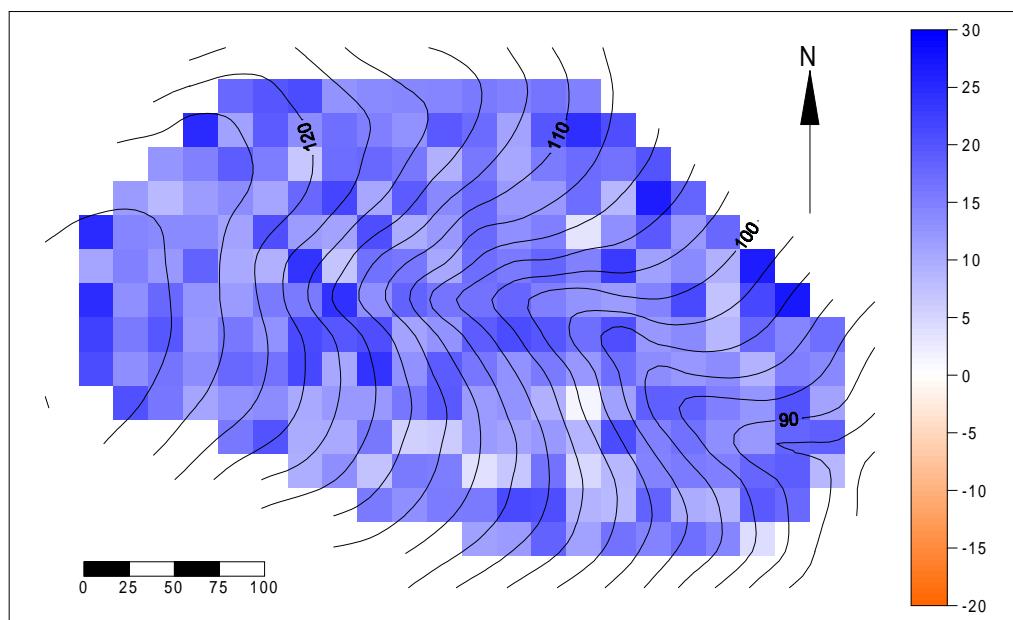


Figure C.36: Raw 15 cm TDR soil moisture difference map for Julian days 260 to 265 1997.

## C.4 INTERPOLATED TDR SOIL MOISTURE DIFFERENCE MAPS

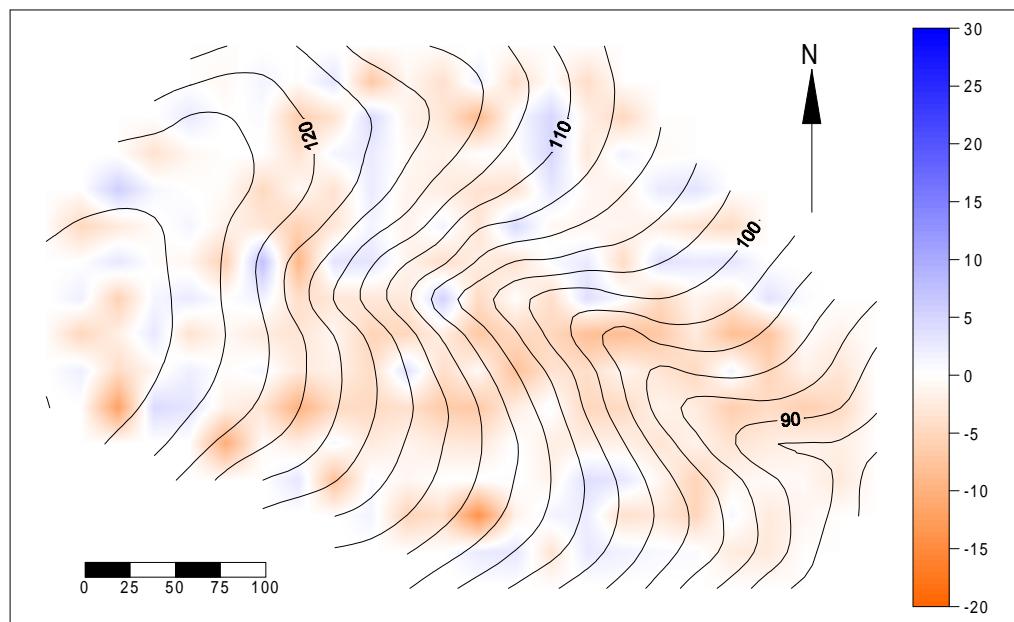


Figure C.37: Interpolated 15 cm TDR soil moisture difference map for Julian days 239 to 241 1997.

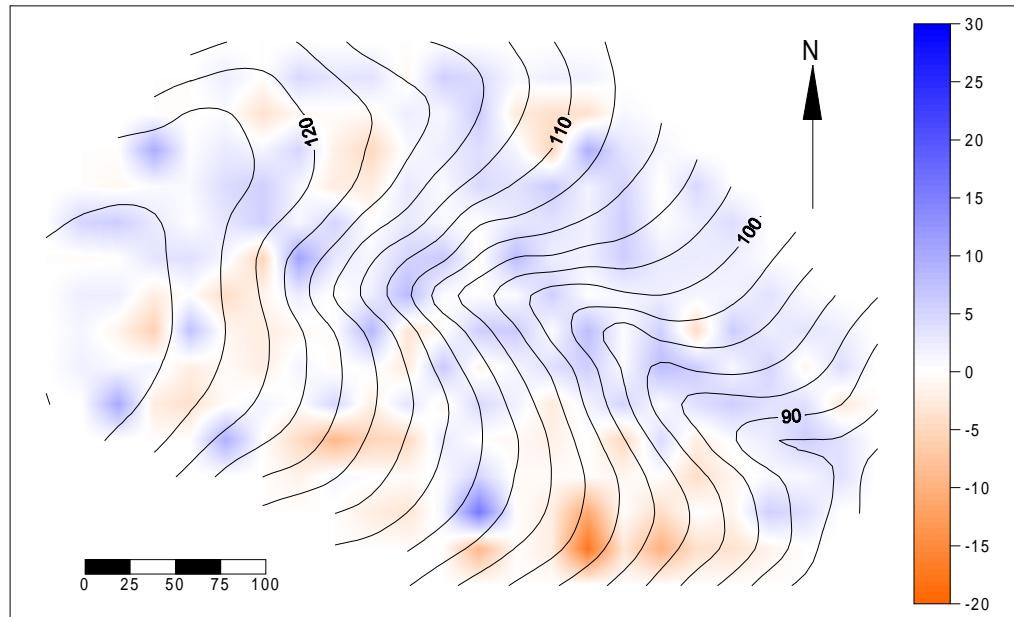


Figure C.38: Interpolated 15 cm TDR soil moisture difference map for Julian days 241 to 244 1997.

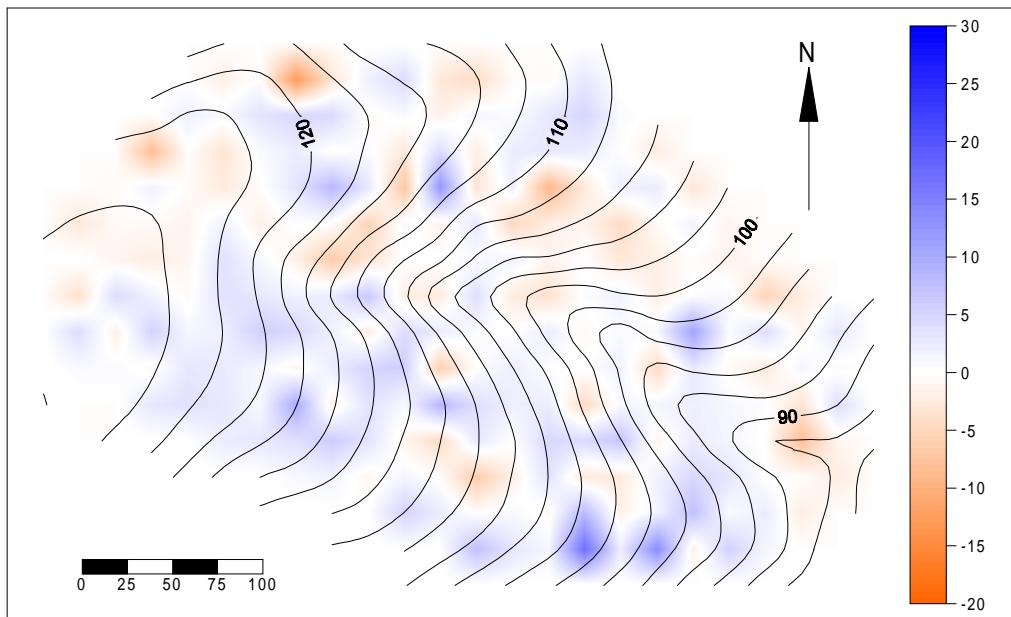


Figure C.39: Interpolated 15 cm TDR soil moisture difference map for Julian days 244 to 246 1997.

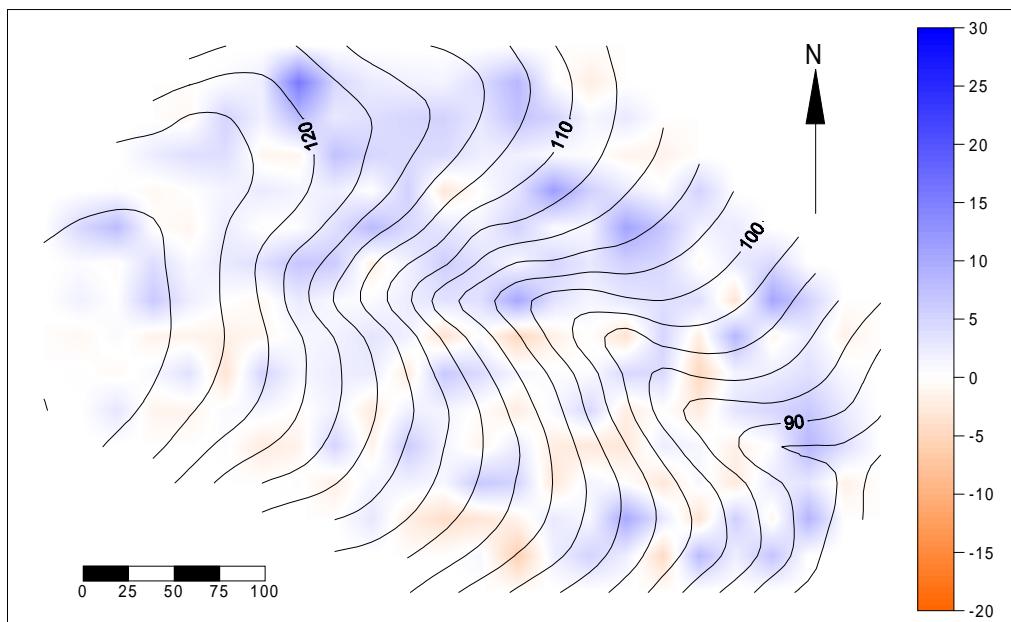


Figure C.40: Interpolated 15 cm TDR soil moisture difference map for Julian days 246 to 249 1997.

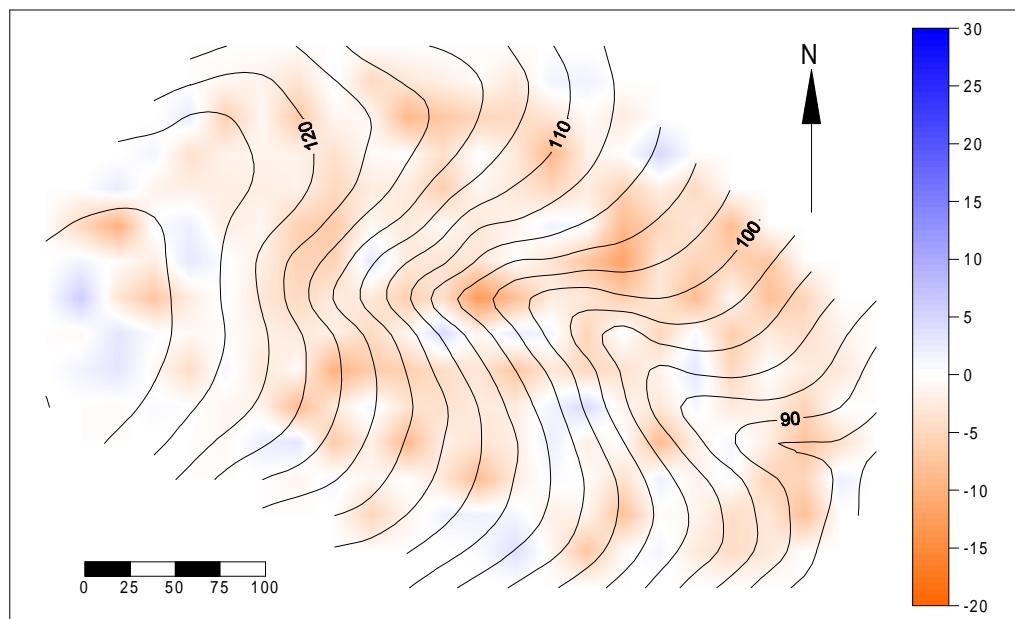


Figure C.41: Interpolated 15 cm TDR soil moisture difference map for Julian days 249 to 251 1997.

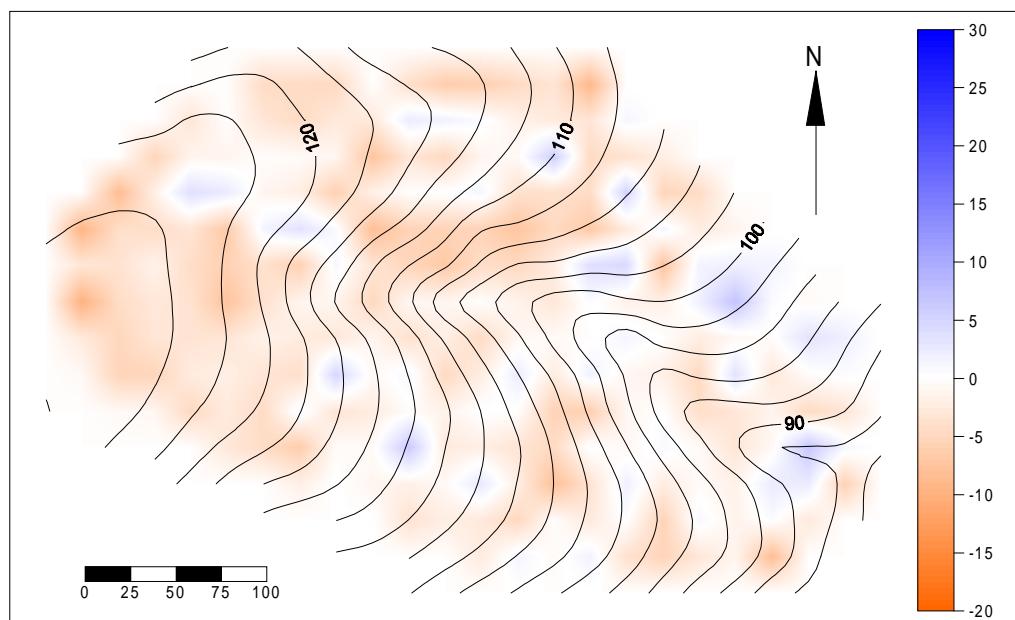


Figure C.42: Interpolated 15 cm TDR soil moisture difference map for Julian days 251 to 253 1997.

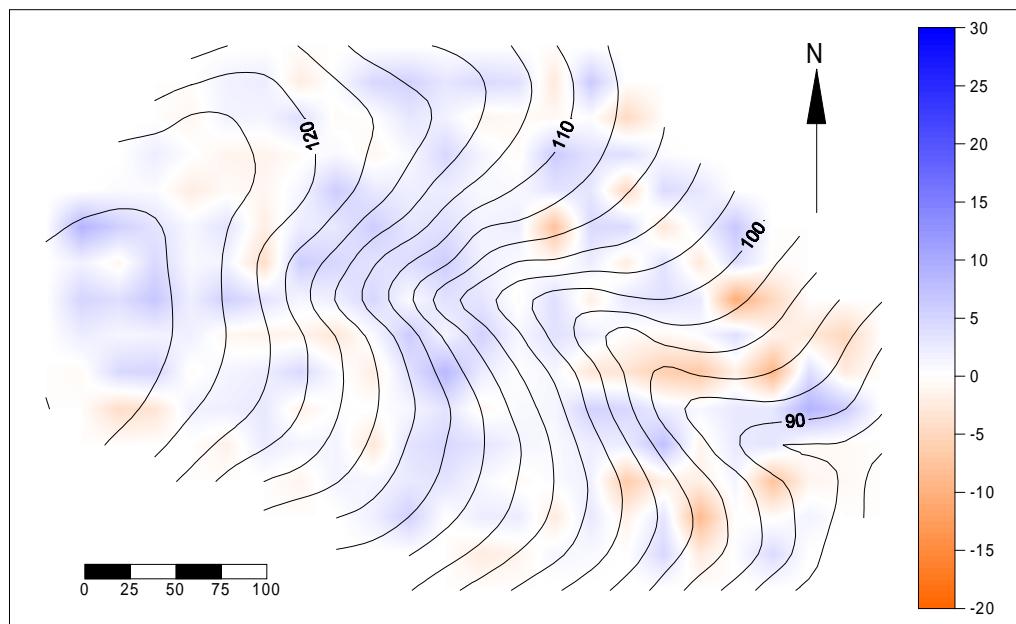


Figure C.43: Interpolated 15 cm TDR soil moisture difference map for Julian days 253 to 255 1997.

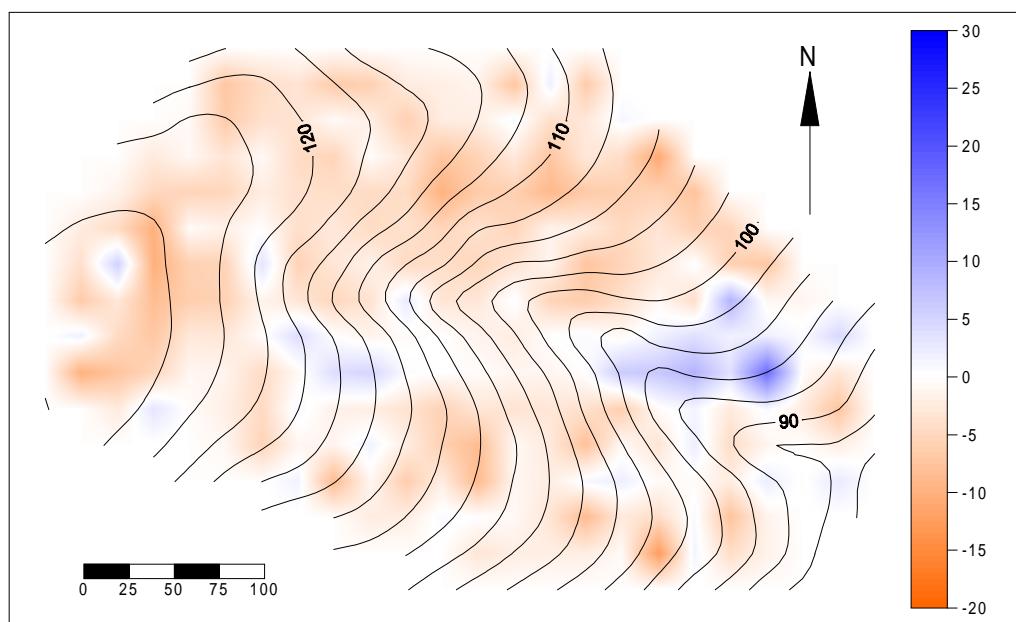


Figure C.44: Interpolated 15 cm TDR soil moisture difference map for Julian days 255 to 258 1997.

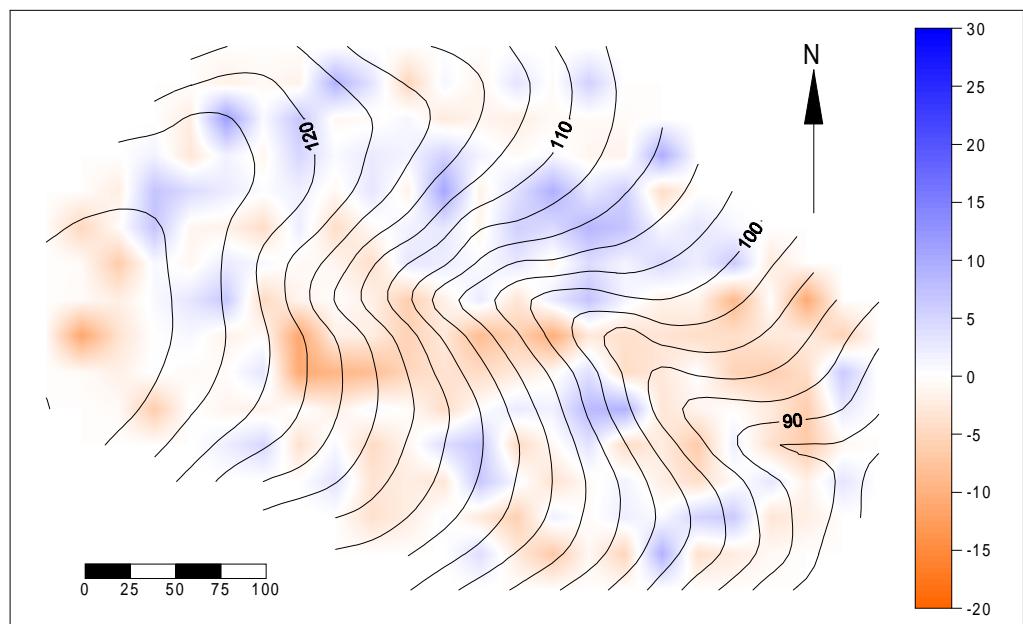


Figure C.45: Interpolated 15 cm TDR soil moisture difference map for Julian days 258 to 260 1997.

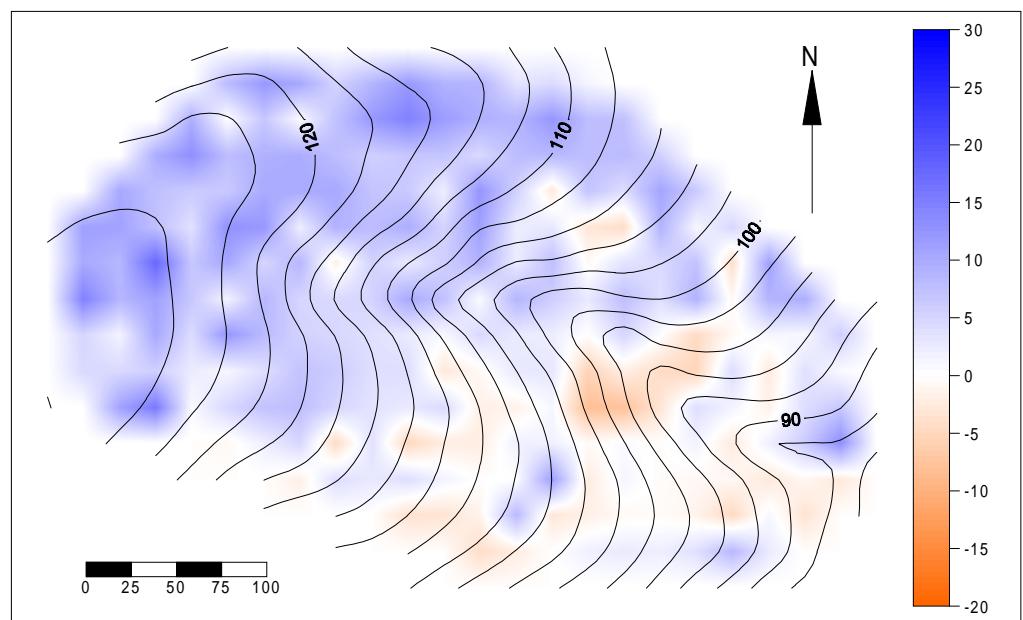


Figure C.46: Interpolated 15 cm TDR soil moisture difference map for Julian days 260 to 262 1997.

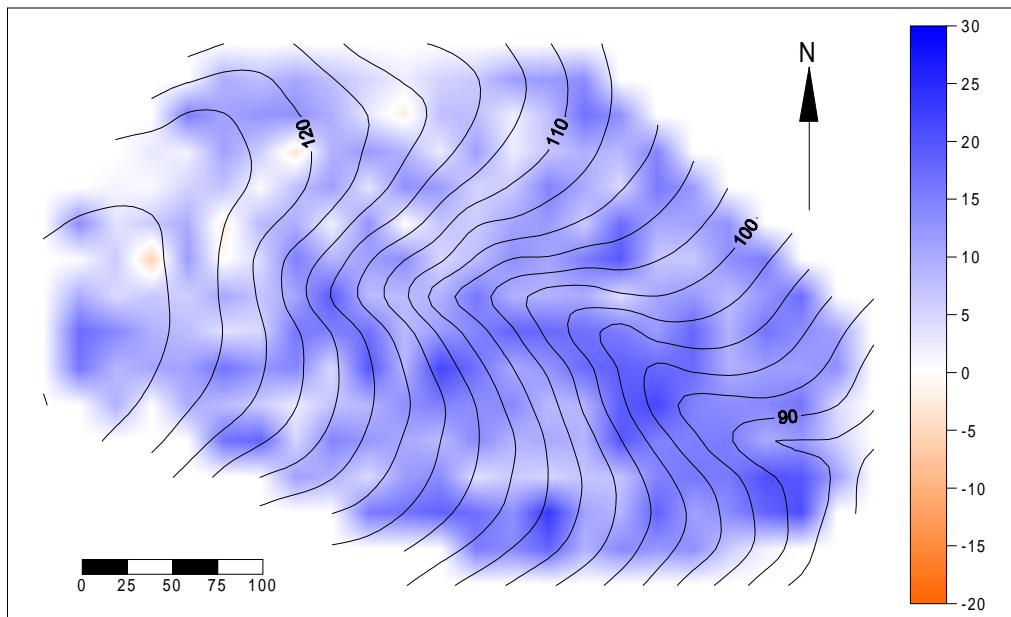


Figure C.47: Interpolated 15 cm TDR soil moisture difference map for Julian days 262 to 265 1997.

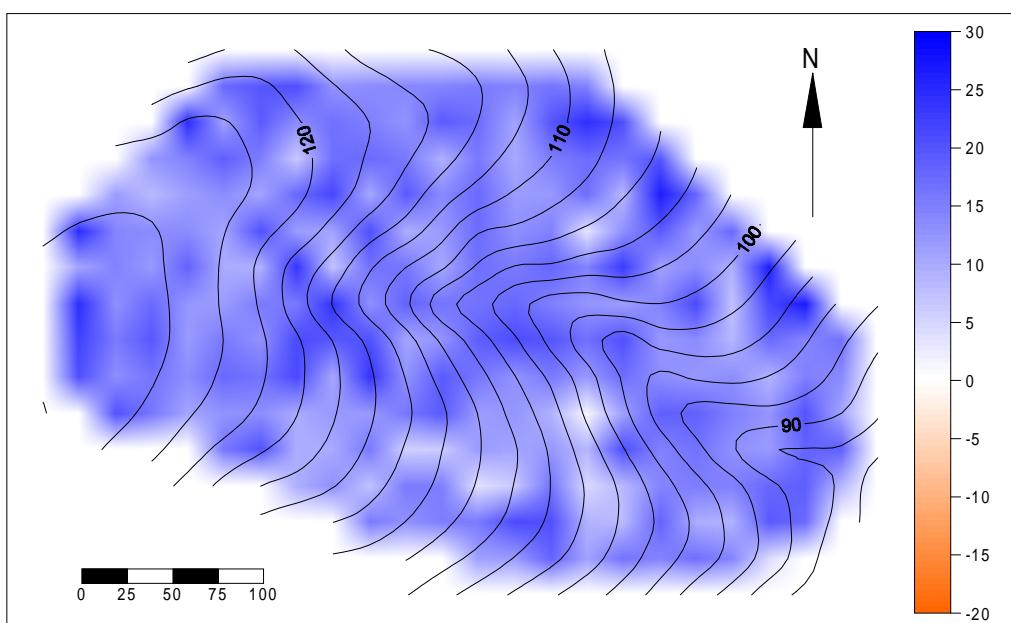


Figure C.48: Interpolated 15 cm TDR soil moisture difference map for Julian days 260 to 265 1997.