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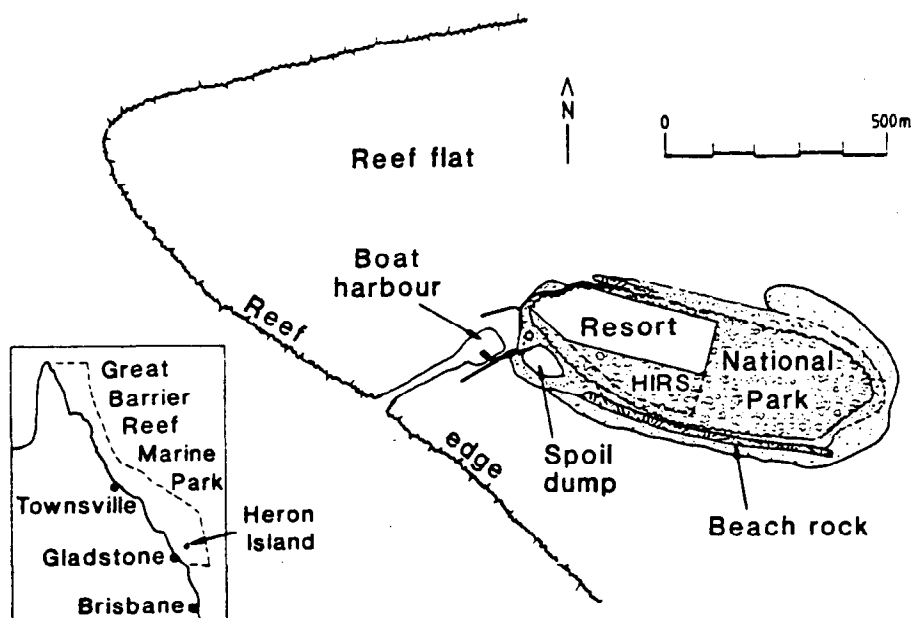
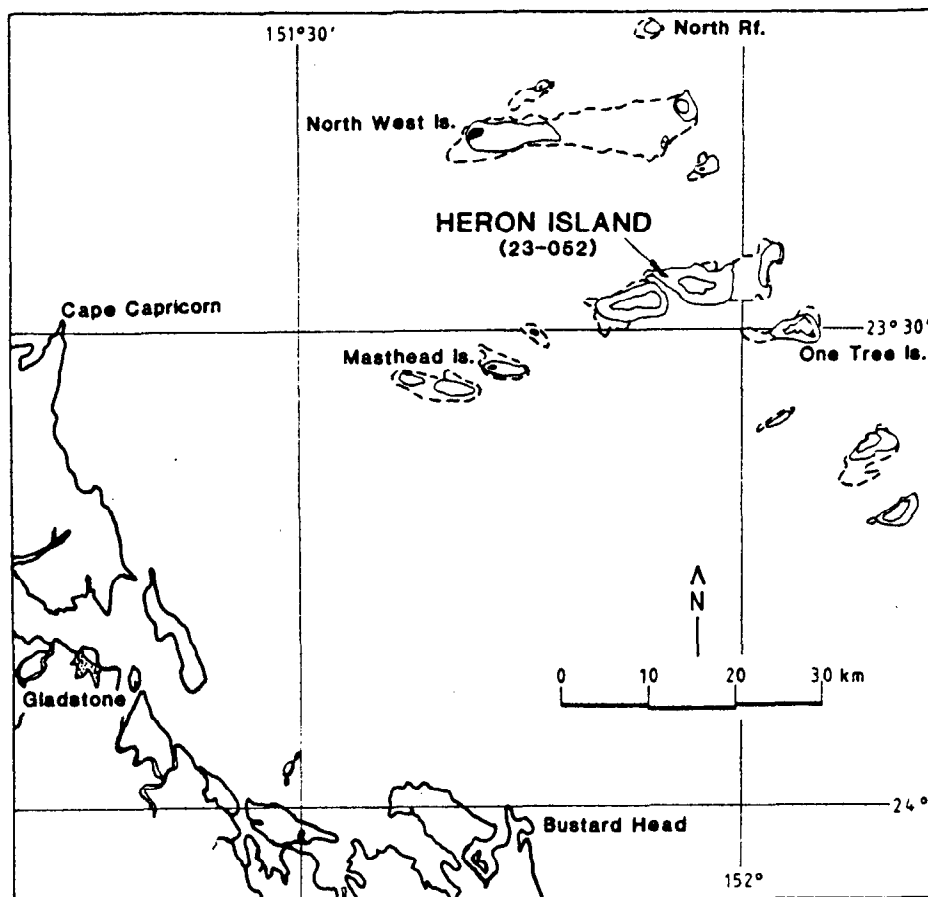


Figure1. Location of Heron Island

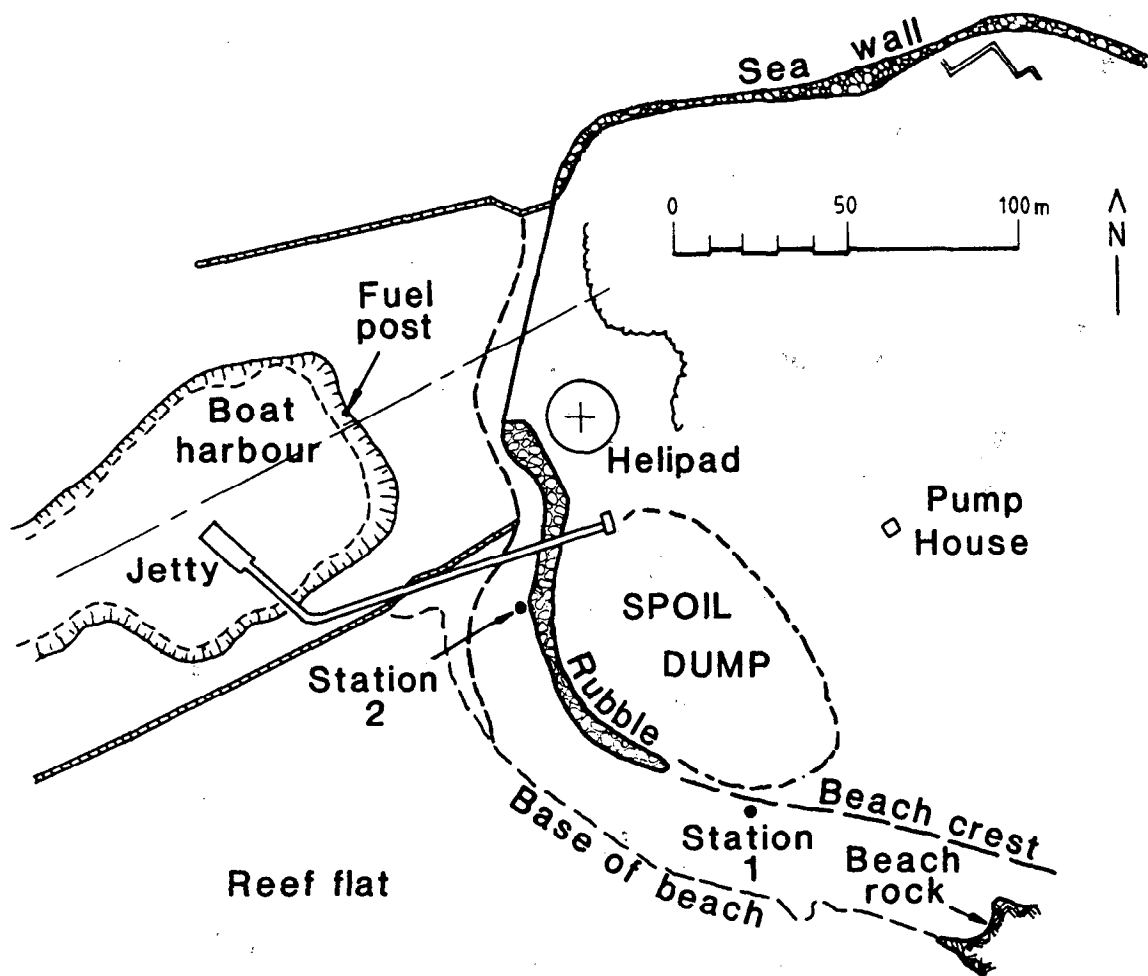
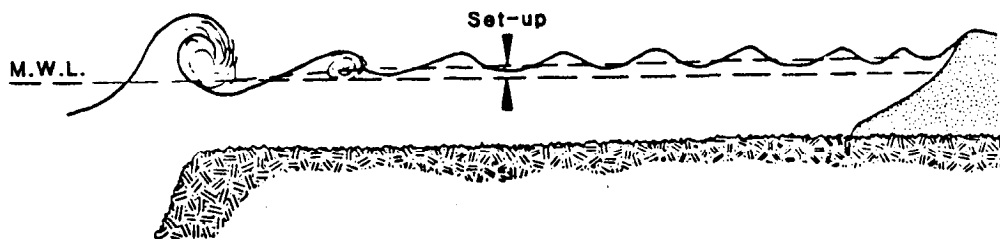
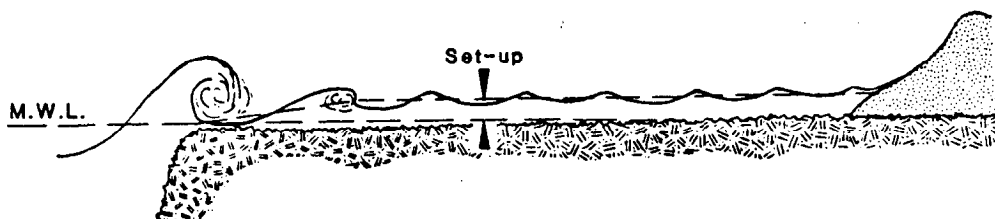


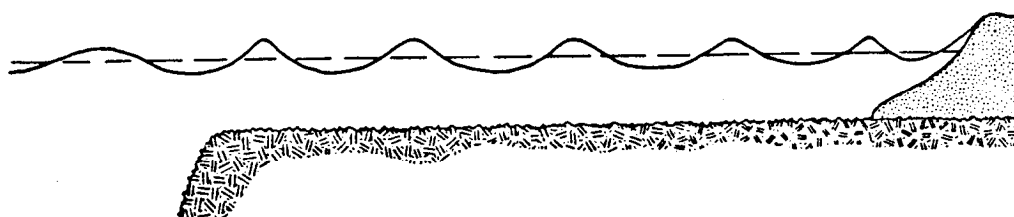
Figure 2. Location of spoil dump and observation stations



(a) Cyclonic waves at high tide

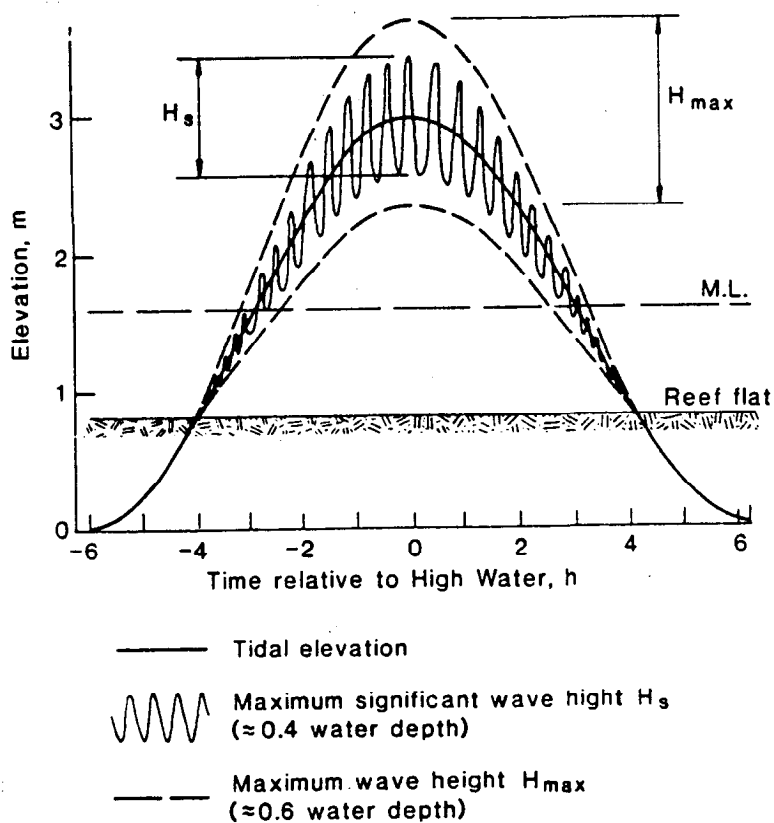


(b) Cyclonic waves at low tide



(c) Waves passing over reef at high tide without breaking

(a) Wave breaking on reef platform under different tidal conditions



(b) Effect of tidal cycle upon reef-top wave heights

Figure 3. Reef top waves and tidal conditions

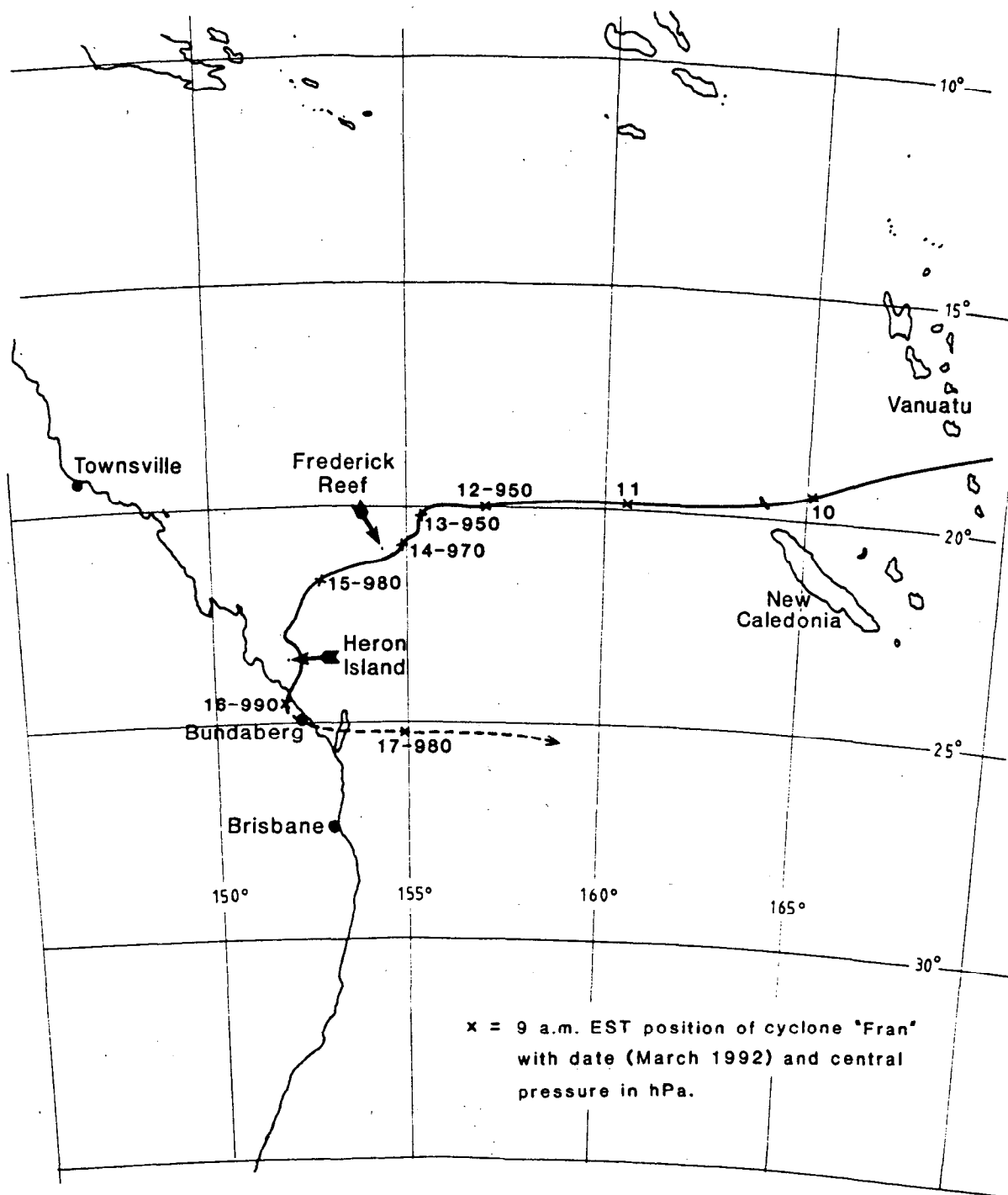


Figure 4. Track of tropical cyclone *Fran*, 11 to 17 March 1992.

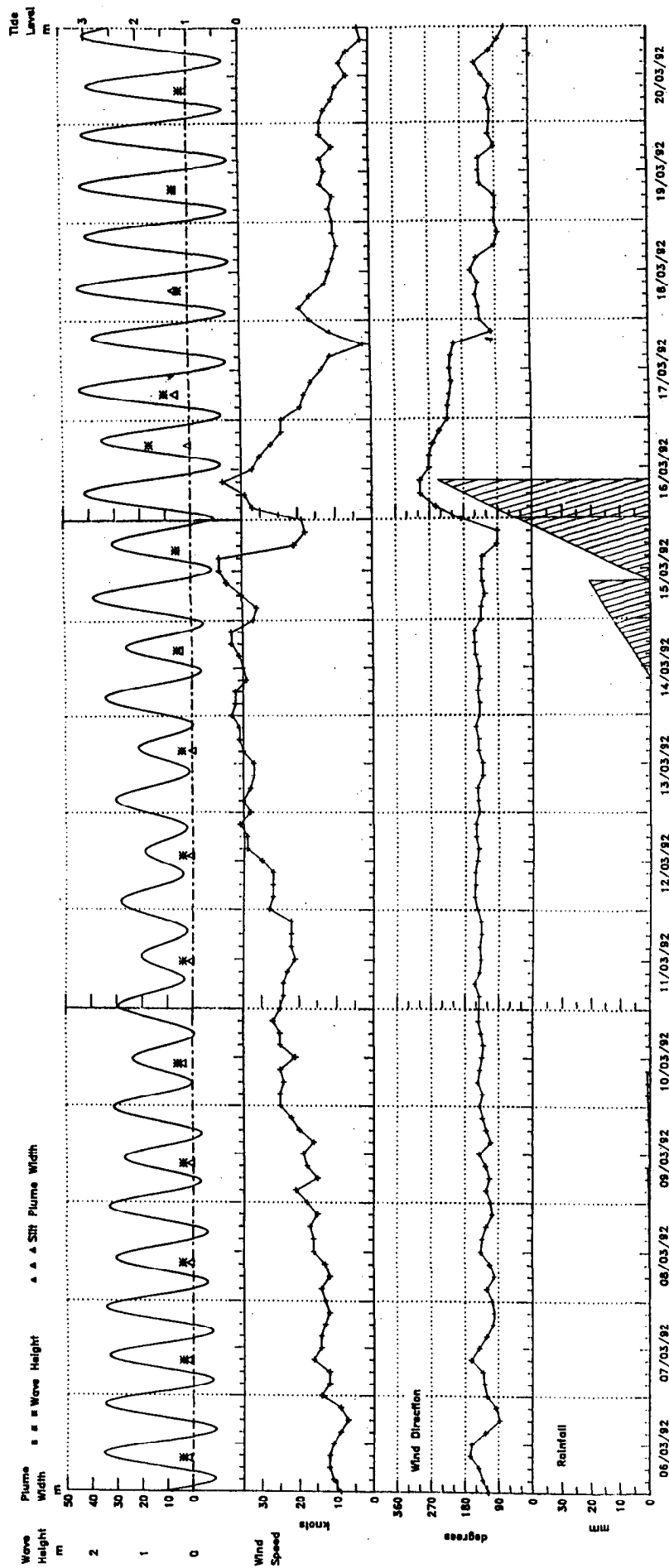


Figure 5. Tropical cyclone *Fran* event, 6 to 20 March 1992

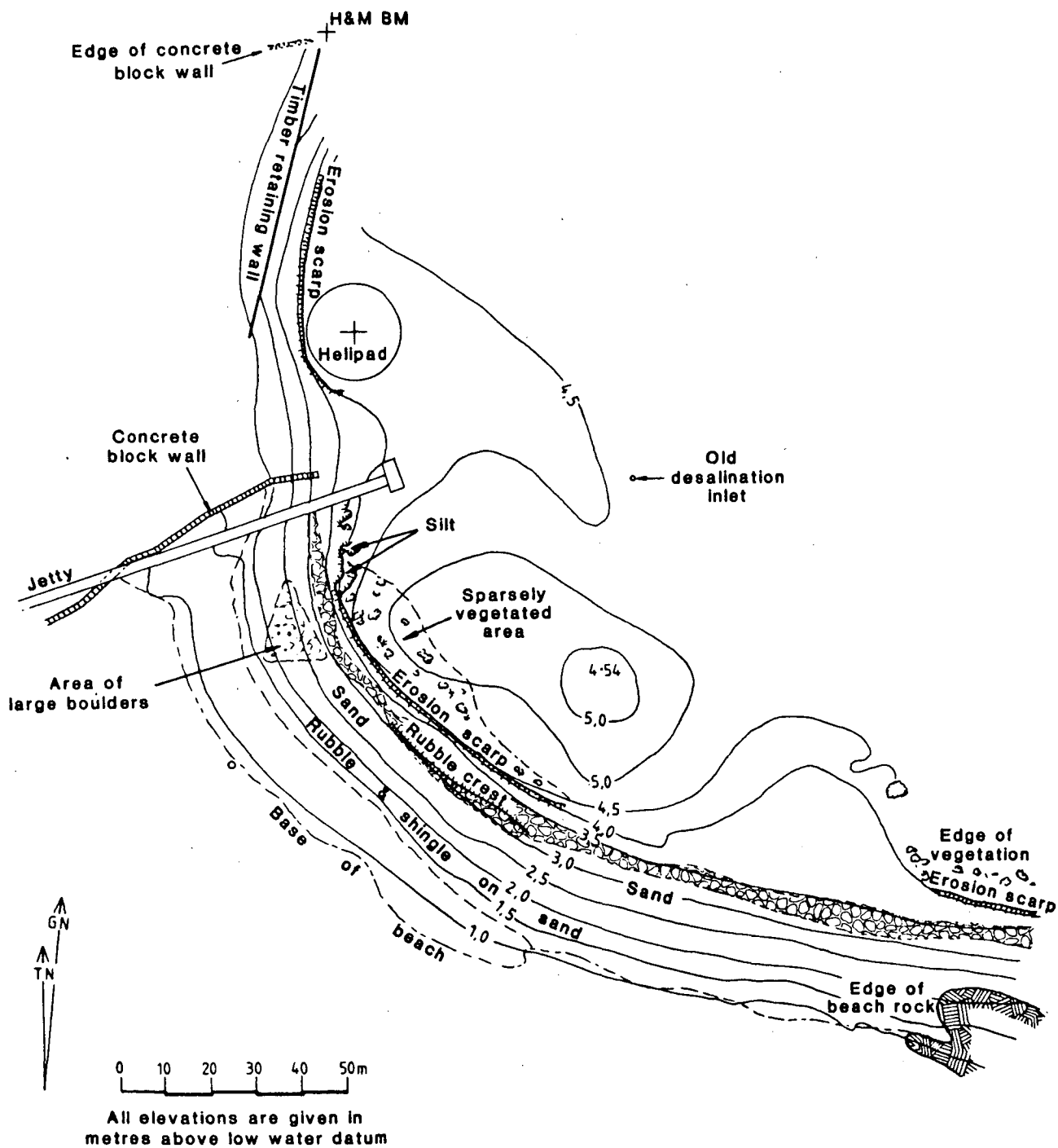


Figure 6. Spoil dump - April 1992

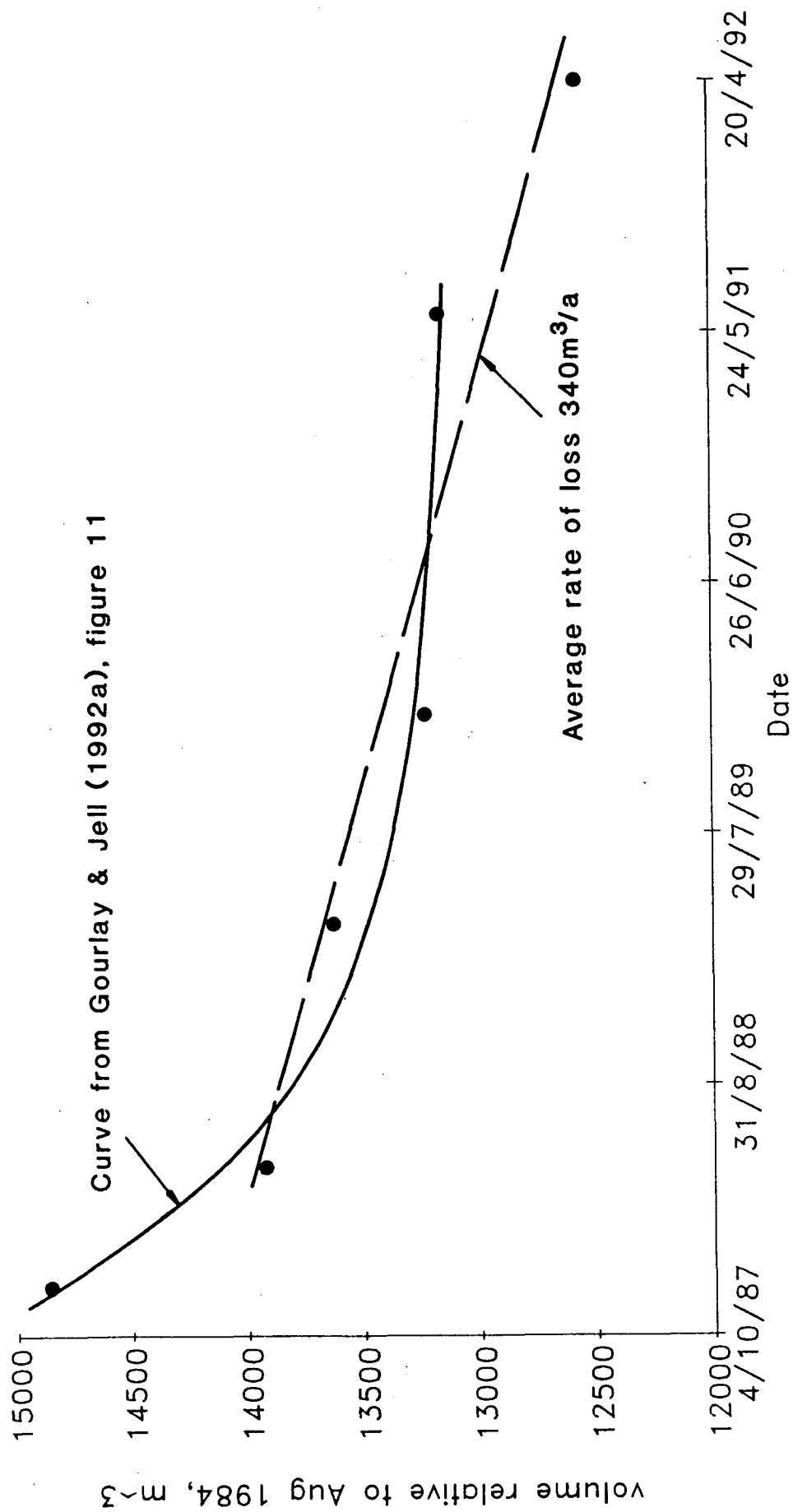


Figure 7. Changes in spoil dump volume - December 1987 to April 1992

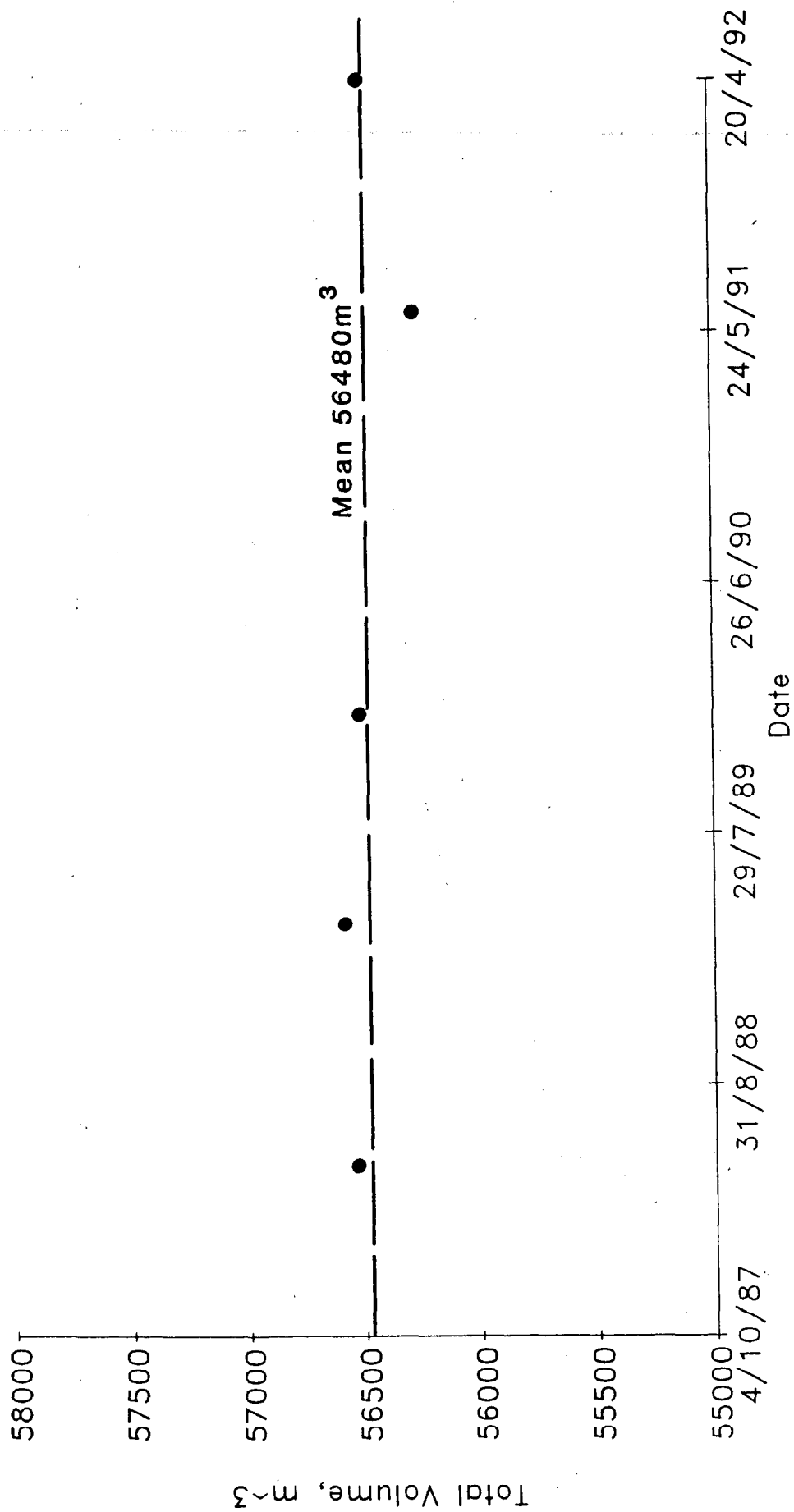


Figure 8. Volume of material in extended spoil dump area (including four extra profiles east of spoil dump) - December 1987 to April 1992

Heron Island Spoil Dump
Volume/m Changes (relative to Aug 1984)

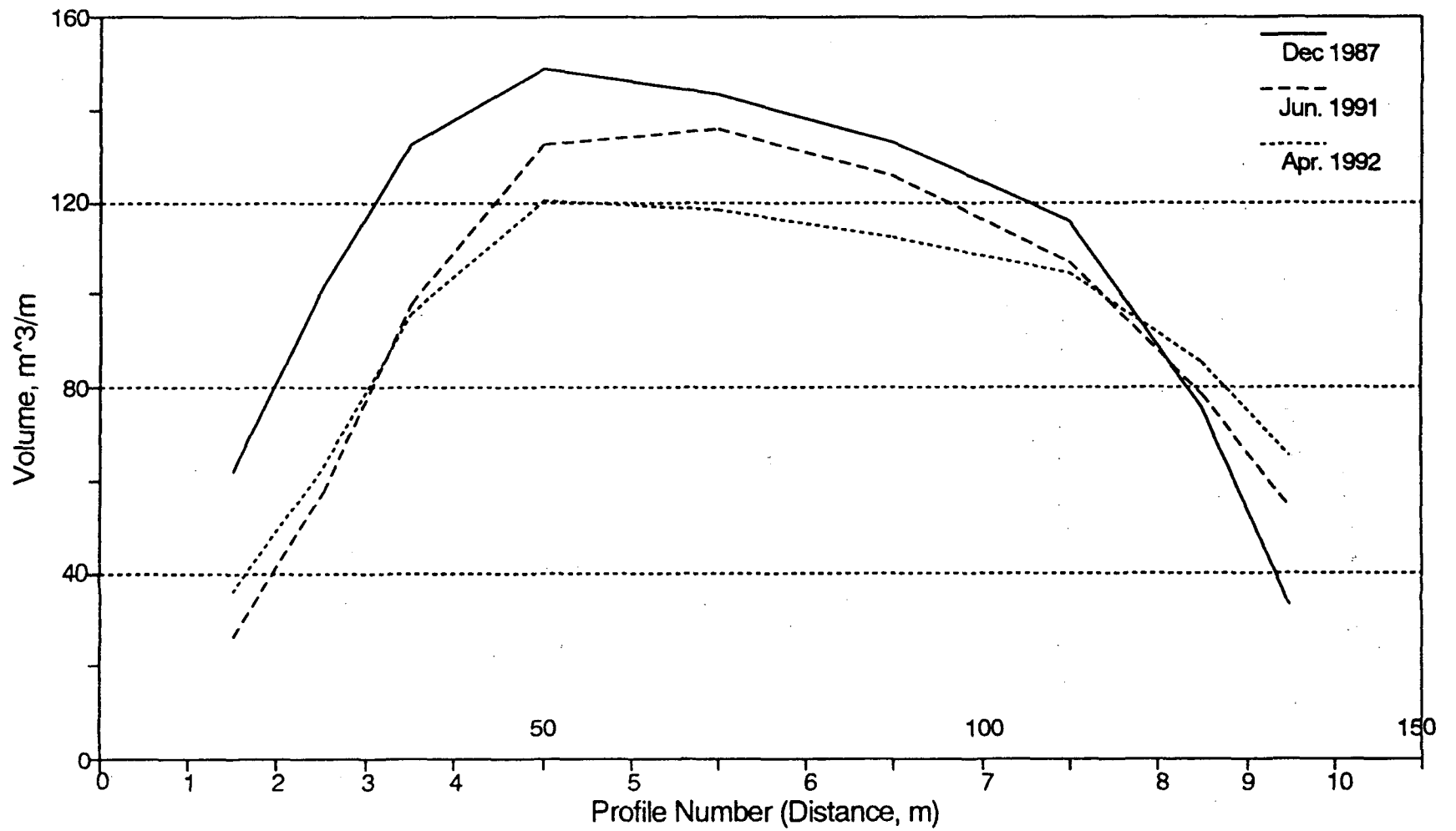


Figure 9. Volume changes along spoil dump relative to August 1984

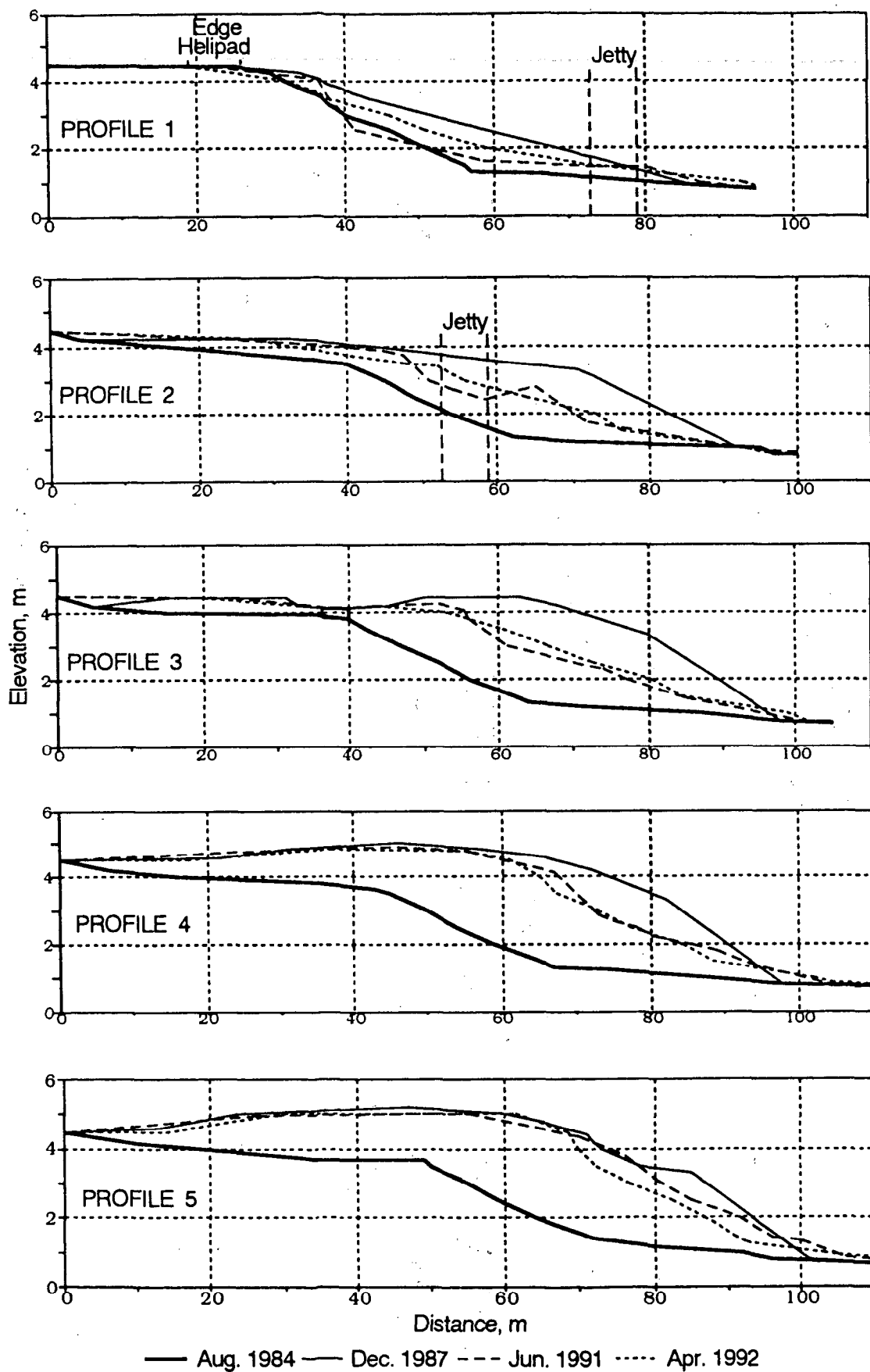


Figure 10. Spoil dump profiles 1 to 5

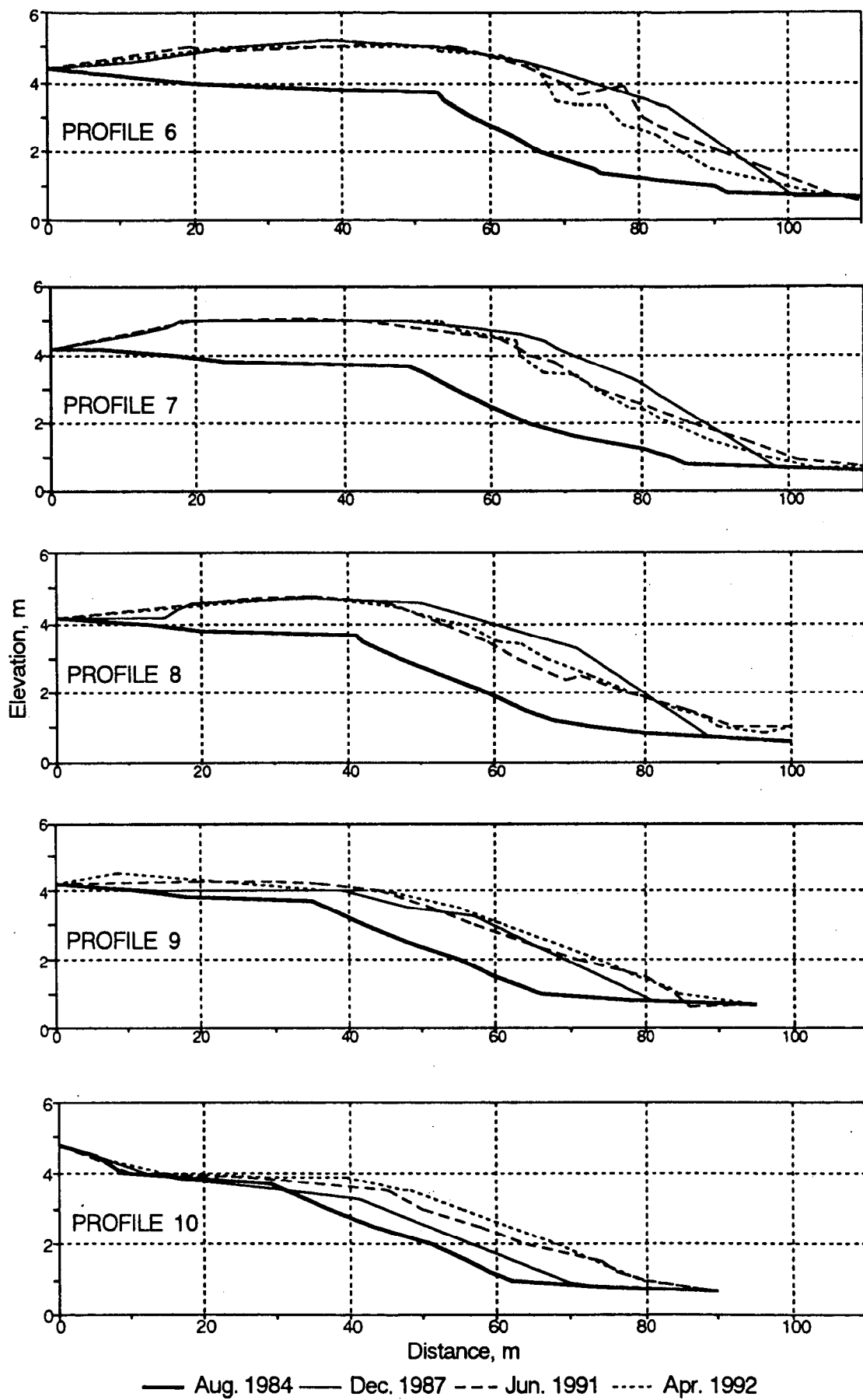


Figure 11. Spoil dump profiles 6 to 10

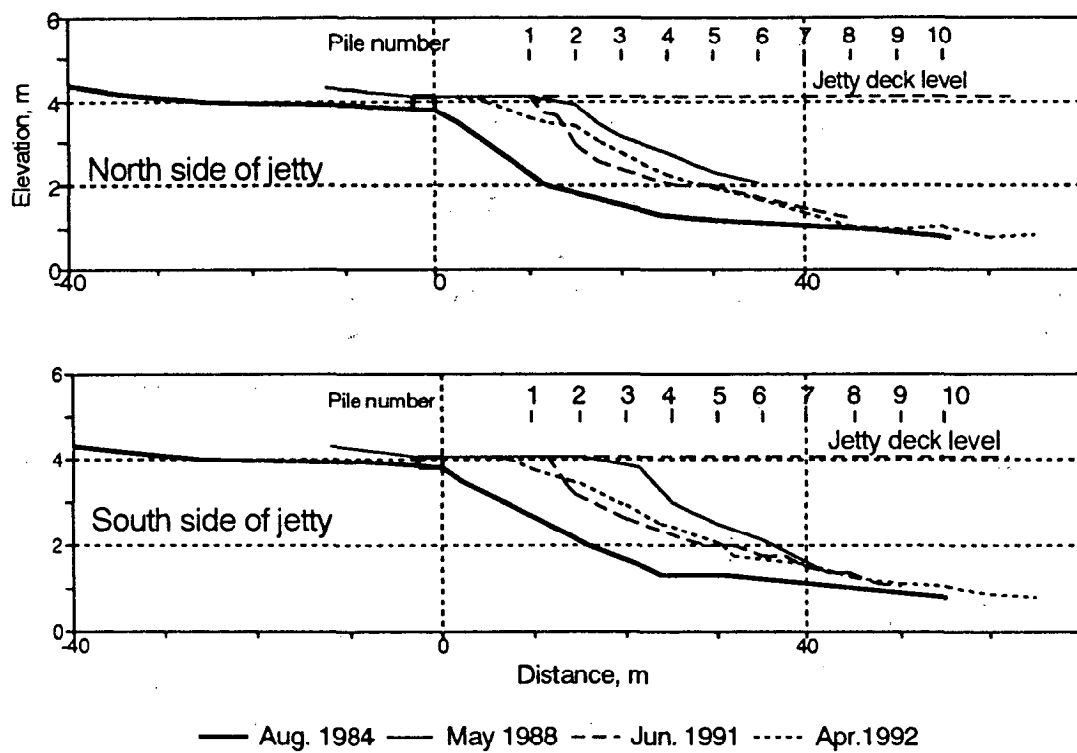


Figure 12. Beach profiles at jetty

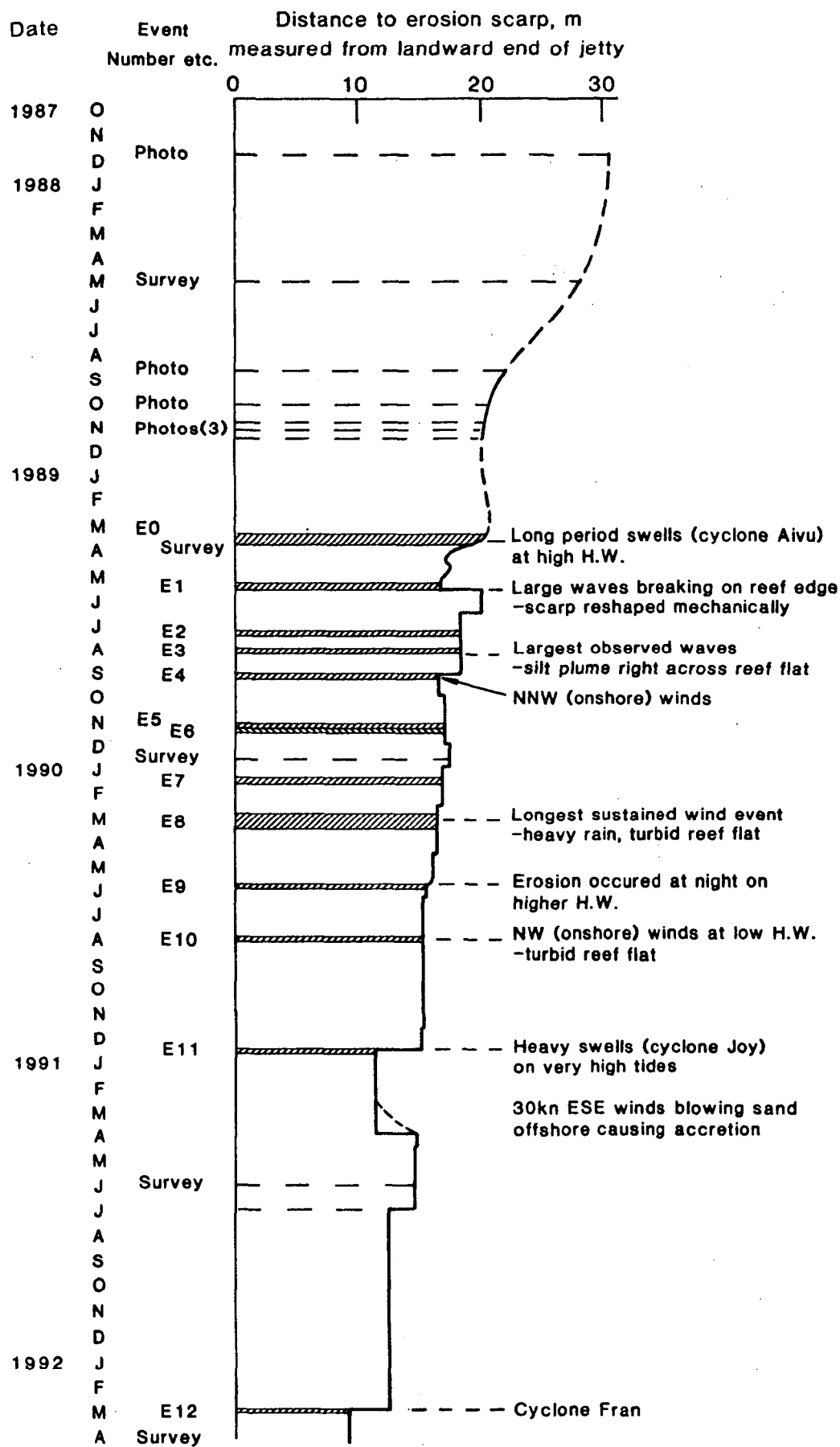


Figure 13. Erosion scarp position along southern side of jetty

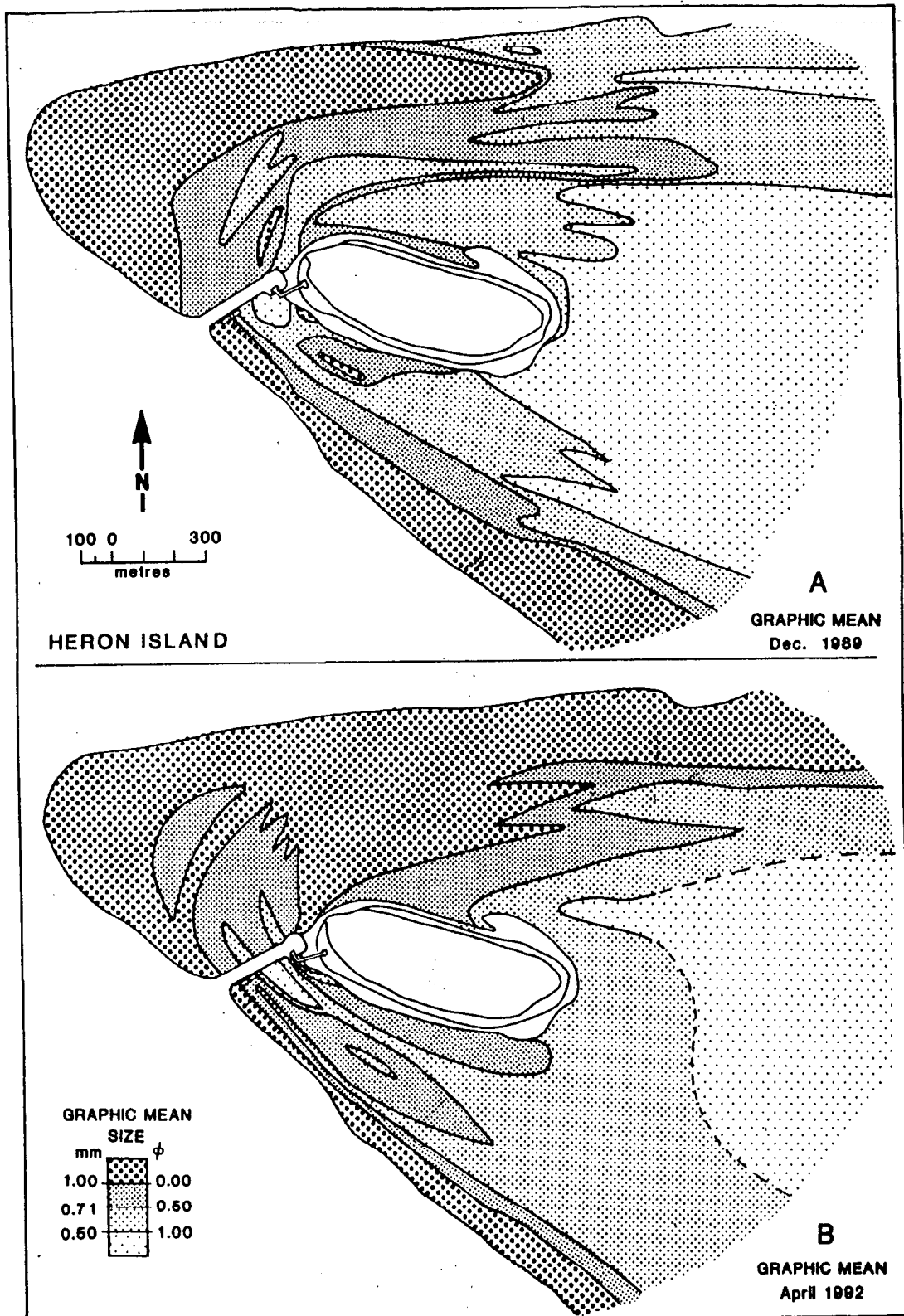


Figure 14. Distribution pattern of median size (graphic mean) coefficients for sediments
- December 1989 and April 1992

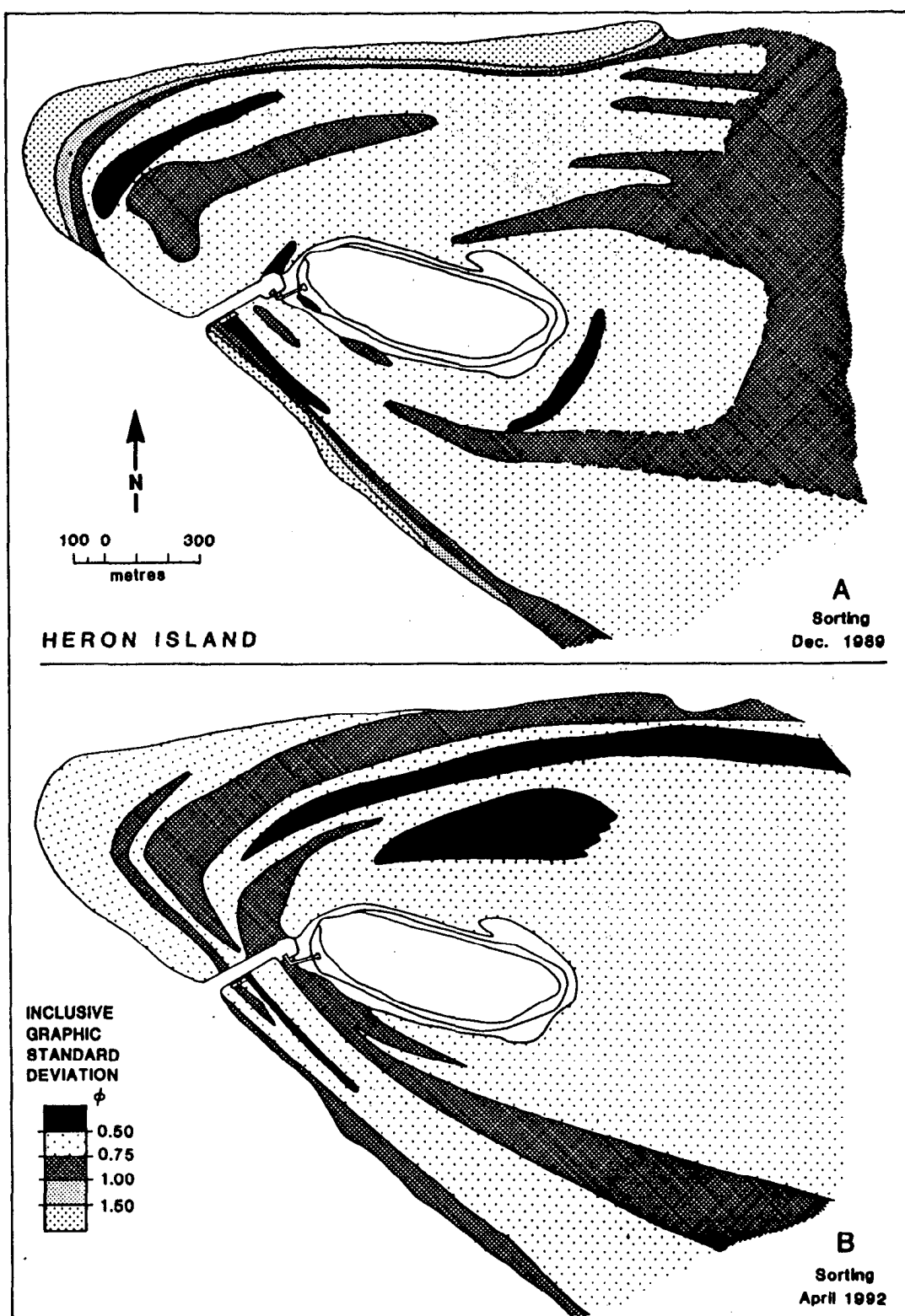


Figure 15. Distribution pattern of sorting (inclusive graphic standard deviation) coefficients for sediments - December 1989 and April 1992

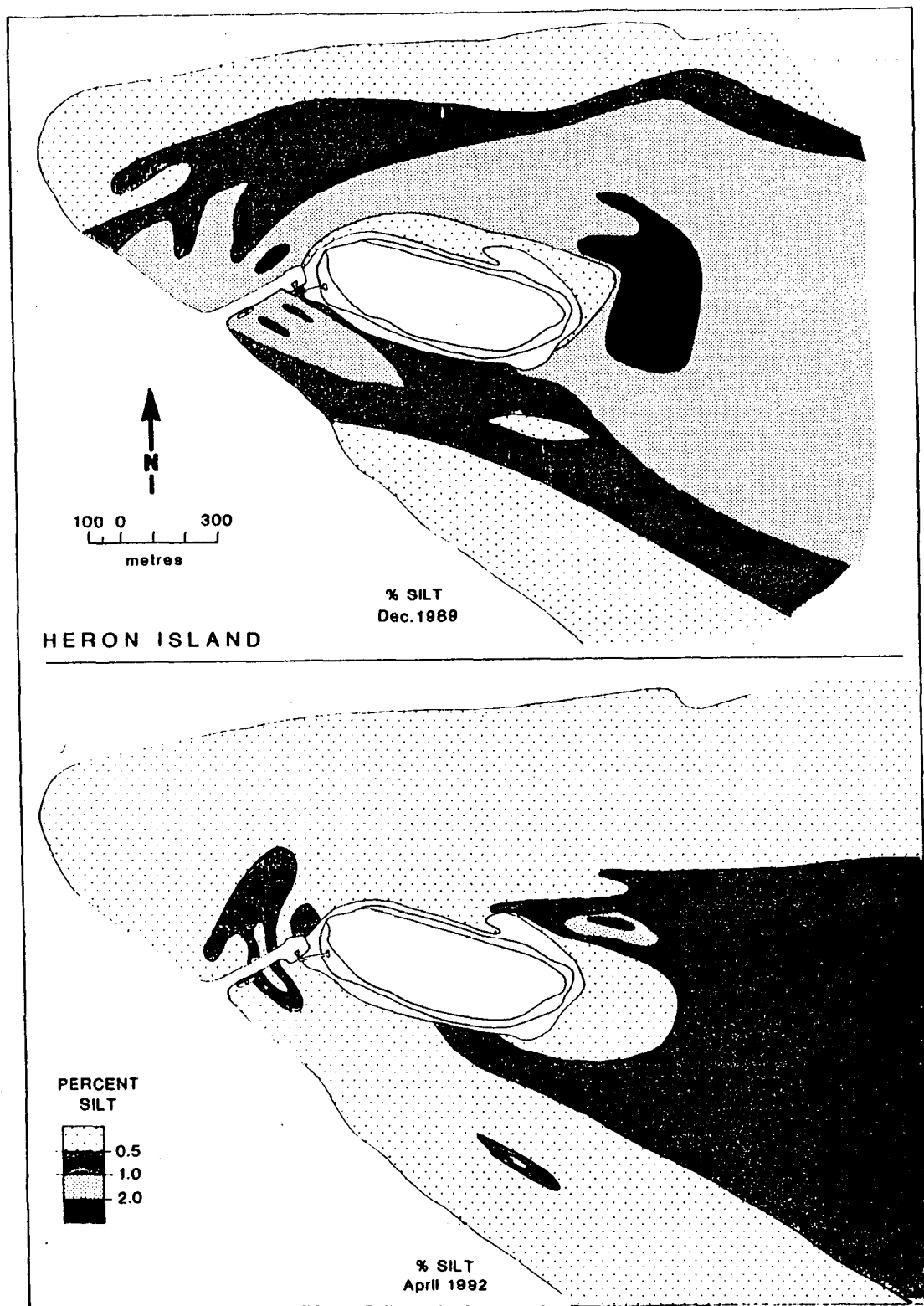


Figure 16. Distribution pattern of silt fraction (% of total sample) of sediments - December 1989 and April 1992

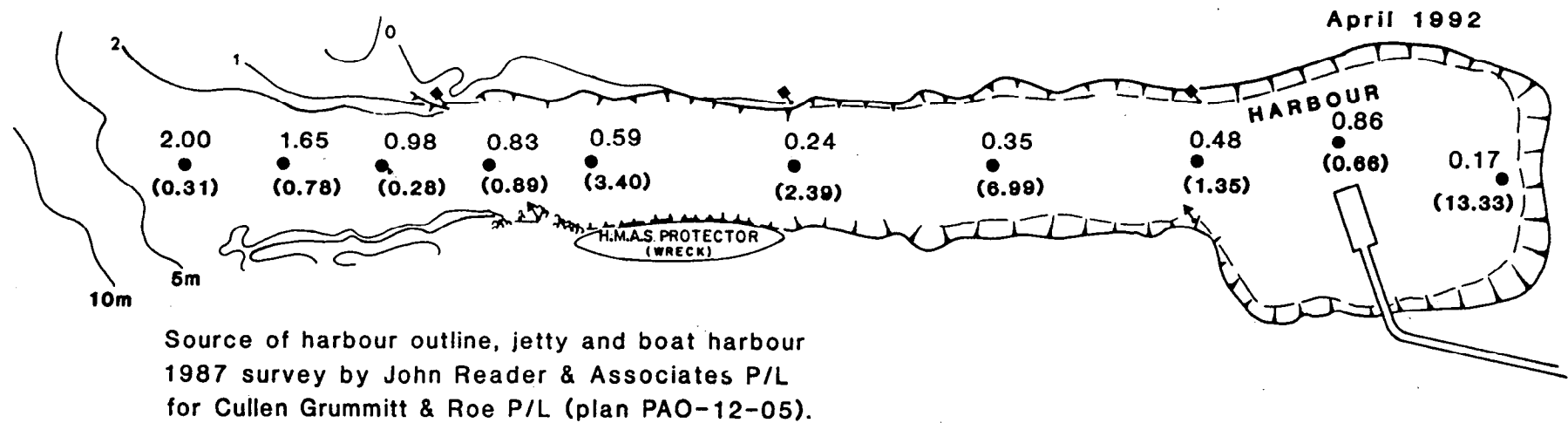
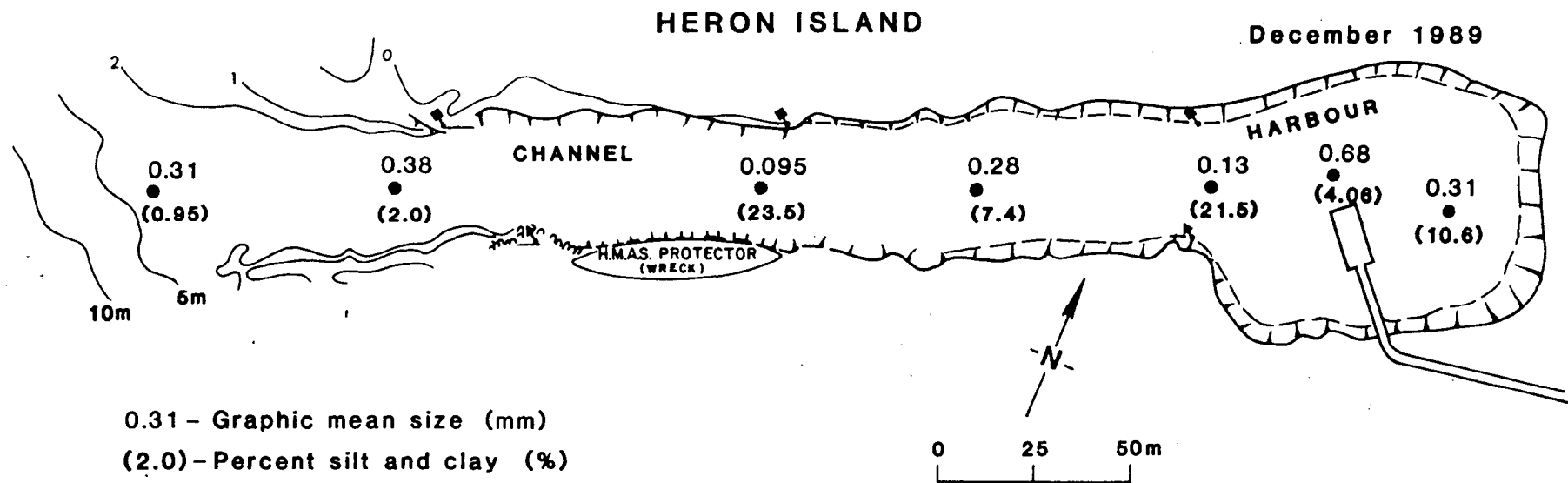


Figure 17. Distribution of median size (graphic mean) and silt and clay content of harbour and channel - December 1989 and April 1992

