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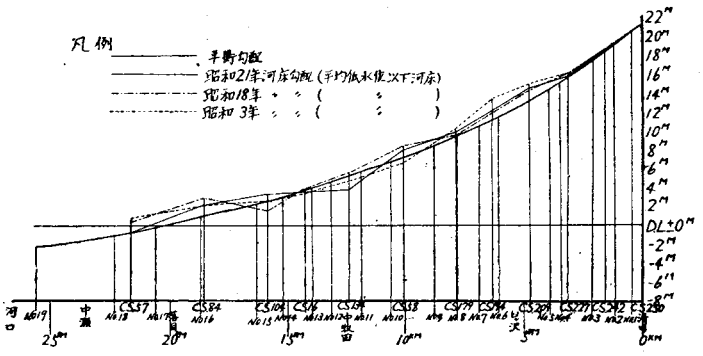
圖—5. 河 床 勾 配 圖



48 頁より

最上川の浮游土砂量分布狀況の實測を試みたが，比較的清澄で渦亂の激しい急流部の測定は容易でなく良結果は得られなかつた。

6. 砂礫の稜角度 (Angularity)

主として野満博士の方法により砂礫の稜角度を測定した。資料少なく測定方法も不完全で確かなことは云へないが，粒徑 0.15 mm 以下で稜角度が急增するもの丶如く，最上川土砂の浮游と掃流の限界點がこの邊にあるものと推定された。

7. 結　　論

以上の結果を要約し結論を述べると，最上川は現在比較的安定な狀態にあり河床は平衡勾配に近付いてゐるものと推定され，水害の原因は山林の濫伐による水源山地の荒廢に歸する點もあろうが，戰時中維持な怠り過去の低水工事その他の改修工事がその效果を失ひつゝあつた折から大出水に遇ひ甚しい被害を受け，その後の出水に增破を來し復舊が追ひ付き得ない現狀に在るものと思はれる。

災害對策としては河狀に順應した工法を採用することが必要で，例へば先づ水路の固定が急務であるが，最上川のように比較的安定した河川に於ては低不透過水制を用ひる方が良いように思はれる。

本研究は安藝教授指導の下に最上川改修事務所關係官の助力を得て行はれたものである。—完—(昭 22. 12. 10. 受付)