

LEGEND :

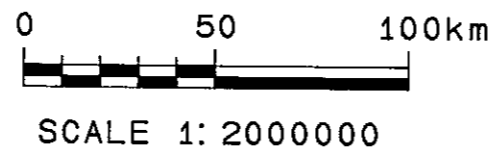
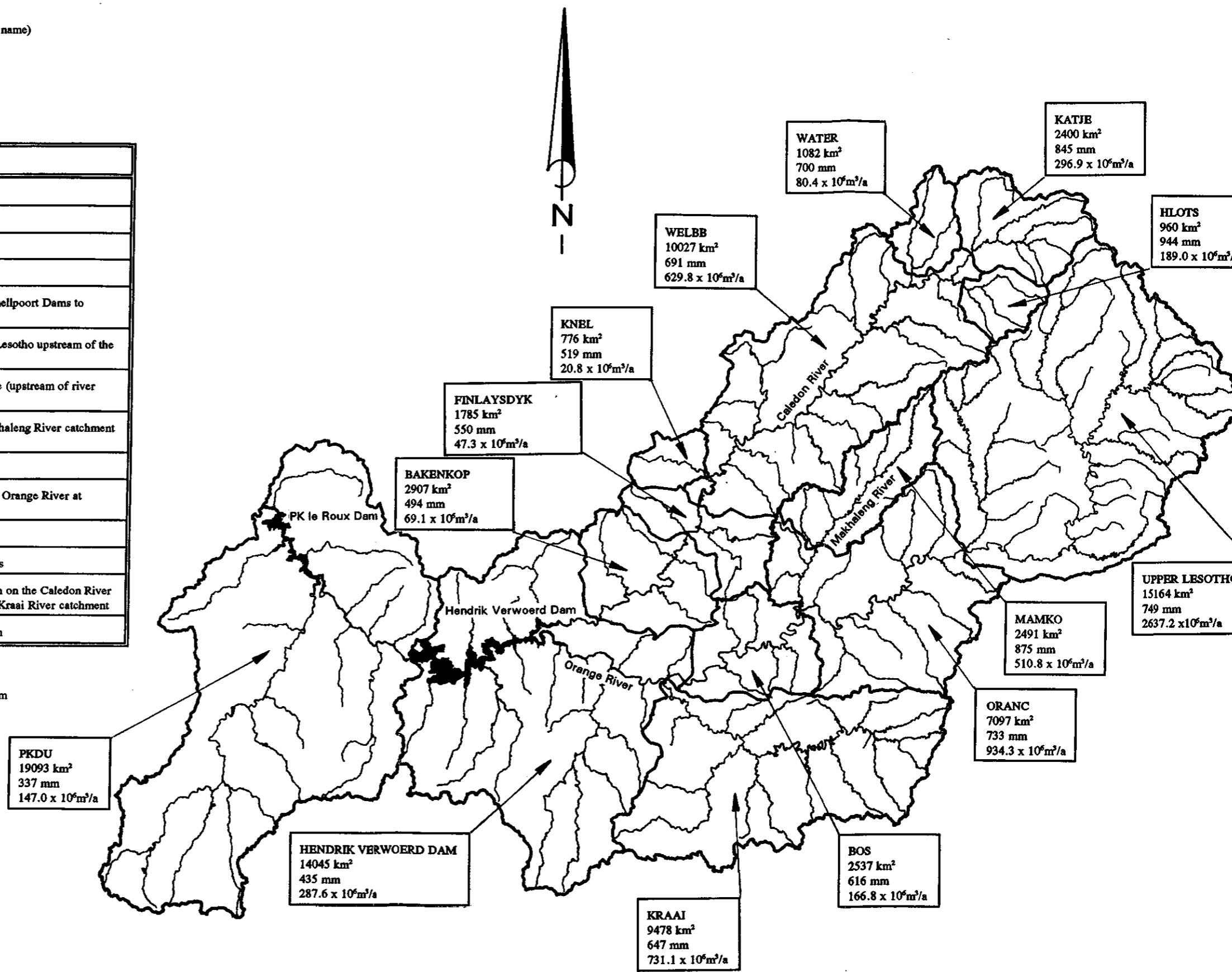
- KATJE - Subcatchment Reference (also used for electronic file name)
- 2400 km² - Catchment Area (km²)
- 845 mm - Catchment Mean Annual Precipitation (mm/a)
- 296.9 x 10⁶m³/a - Mean Annual Runoff (10⁶m³/a)

SUBCATCHMENT DESCRIPTION



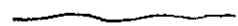






REFERENCE	DESCRIPTION
KATJE	Katjiesberg Dam
HLOTS	Hlotse Dam
WATER	Waterpoort Dam
KNEL	Knellpoort Dam
WELBB	Area from the Katjiesberg, Hlotse, Waterpoort and Knellpoort Dams to Welbedacht Dam
UPPER LESOTHO	Refers to the seven incremental subcatchments inside Lesotho upstream of the Oranjedraai incremental catchment
MAMKO	Makhaleng River catchment to the Mammako Dam site (upstream of river gauging station D1H006)
ORANB	Oranjedraai incremental catchment, but excluding Makhaleng River catchment upstream of Mammako Dam site
BOS	Oranjedraai to Bosberg Dam site
KRAAI	Total Kraai River catchment to the confluence with the Orange River at Aliwal North
FINLAYS DYK	Welbedacht Dam to Finlaysdyk Dam site
BAKENKOP	Area between Finlaysdyk Dam and Bakenkop Dam sites
HENDRIK VERWOERD	Area between HF Verwoerd Dam and Welbedacht Dam on the Caledon River and Bosberg Dam site on the Orange River, excluding Kraai River catchment
PKDU	Area between HF Verwoerd Dam and PK le Roux Dam

Note :

HFDAM (file) = Finlaysdyk Dam + Bakenkop Dam + Hendrik Verwoerd Dam

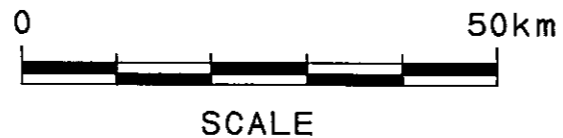
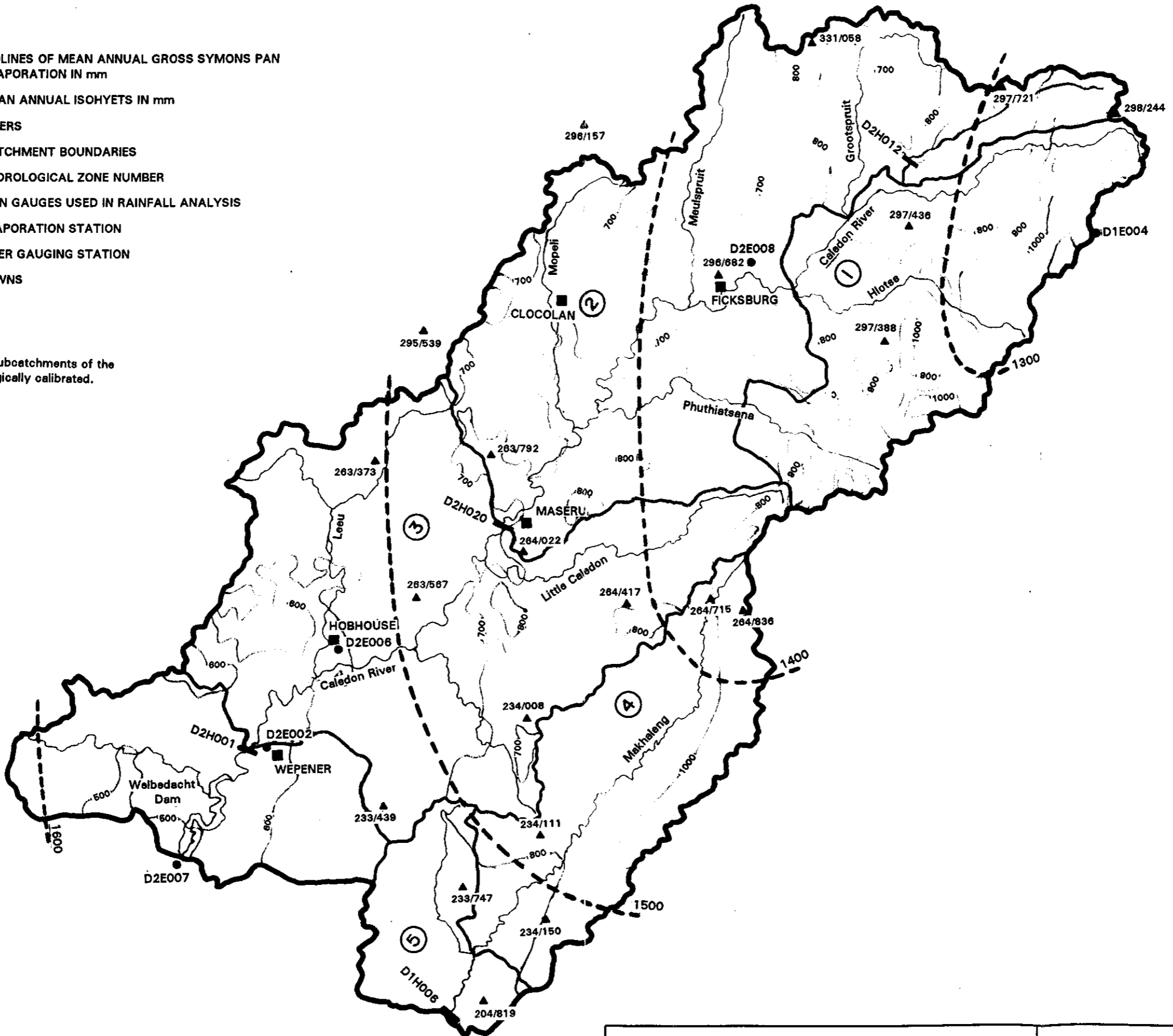


LEGEND

-  ISOLINES OF MEAN ANNUAL GROSS SYMONS PAN EVAPORATION IN mm
-  MEAN ANNUAL ISOHYETS IN mm
-  RIVERS
-  CATCHMENT BOUNDARIES
-  HYDROLOGICAL ZONE NUMBER
-  RAIN GAUGES USED IN RAINFALL ANALYSIS
-  EVAPORATION STATION
-  RIVER GAUGING STATION
-  TOWNS

Note :

This map only shows those subcatchments of the study area that were hydrologically calibrated.



DEPARTMENT OF WATER AFFAIRS AND FORESTRY	ORVAAL CONSULT	FIGURE 1
VAAL AUGMENTATION PLANNING STUDY PRE-FEASIBILITY STUDY OF THE ORANGE VAAL TRANSFER SCHEME		
BASIC HYDROLOGICAL DATA		