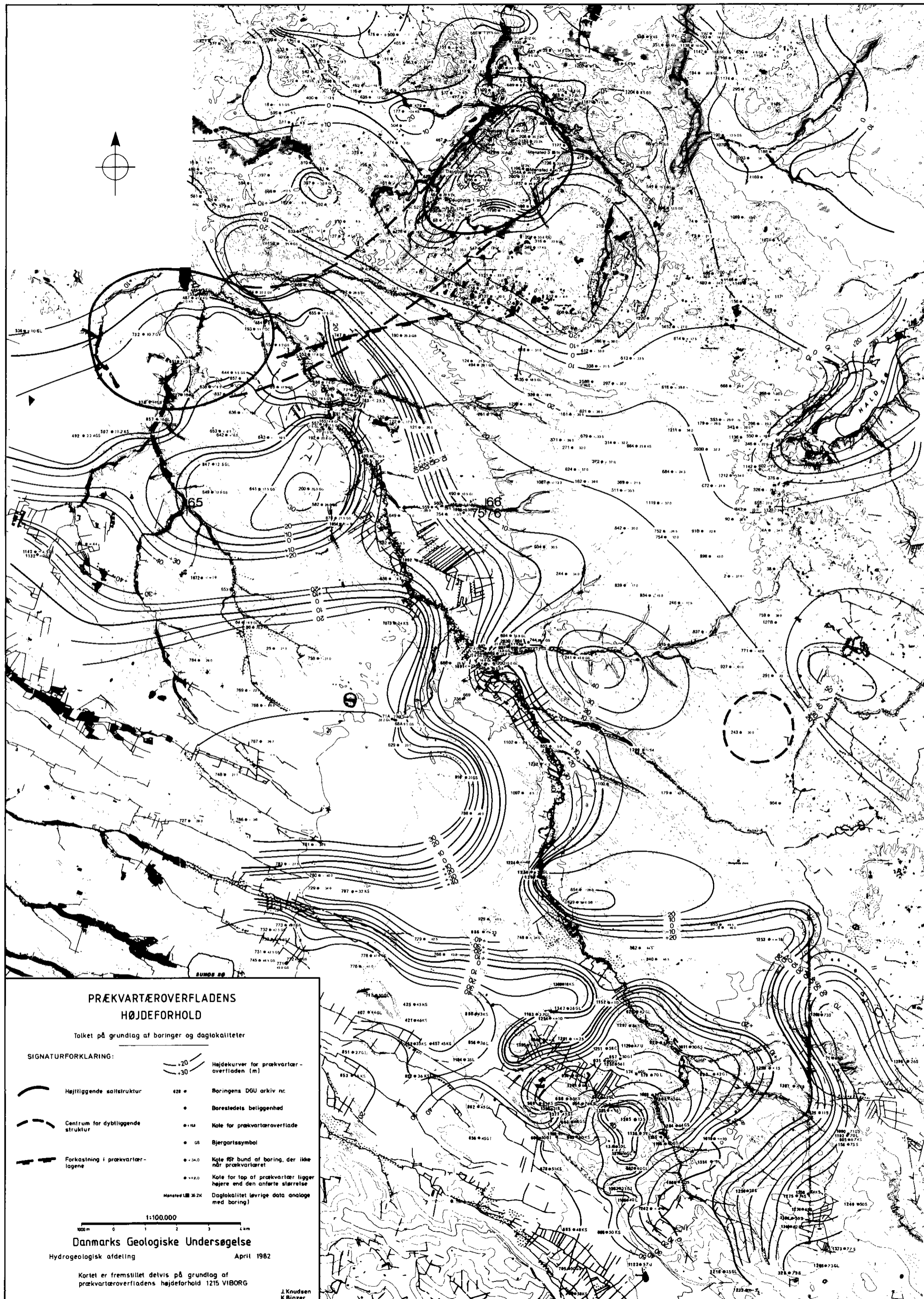


# Bilag: 3



**PRÆKVARTØR-OVERFLADENS  
HØJDEFORHOLD**

Tolket på grundlag af borer og daglokaliteter

**SIGNATURFORKLARING:**

- |  |                 |   |
|--|-----------------|---|
|  | ±20             | Højdekurver for prækvartær-<br>overfladen (m)                         |
|  | ±30             |   |
|  | 422             | Boringens DGU arkiv nr.   |
|  | •               | Borestedets beliggenhed   |
|  | • 125           | Kote for prækvartær-overflade   |
|  | • 65            | Bjergartssymbol   |
|  | • ±34,0         | Kote for bund af boring, der ikke<br>når prækvartæret                 |
|  | • ±12,0         | Kote for top af prækvartær ligger<br>højere end den anførte størrelse |
|  | Manet 125 36 2K | Daglokalitet (øvrigt data analoge<br>med boring)                      |

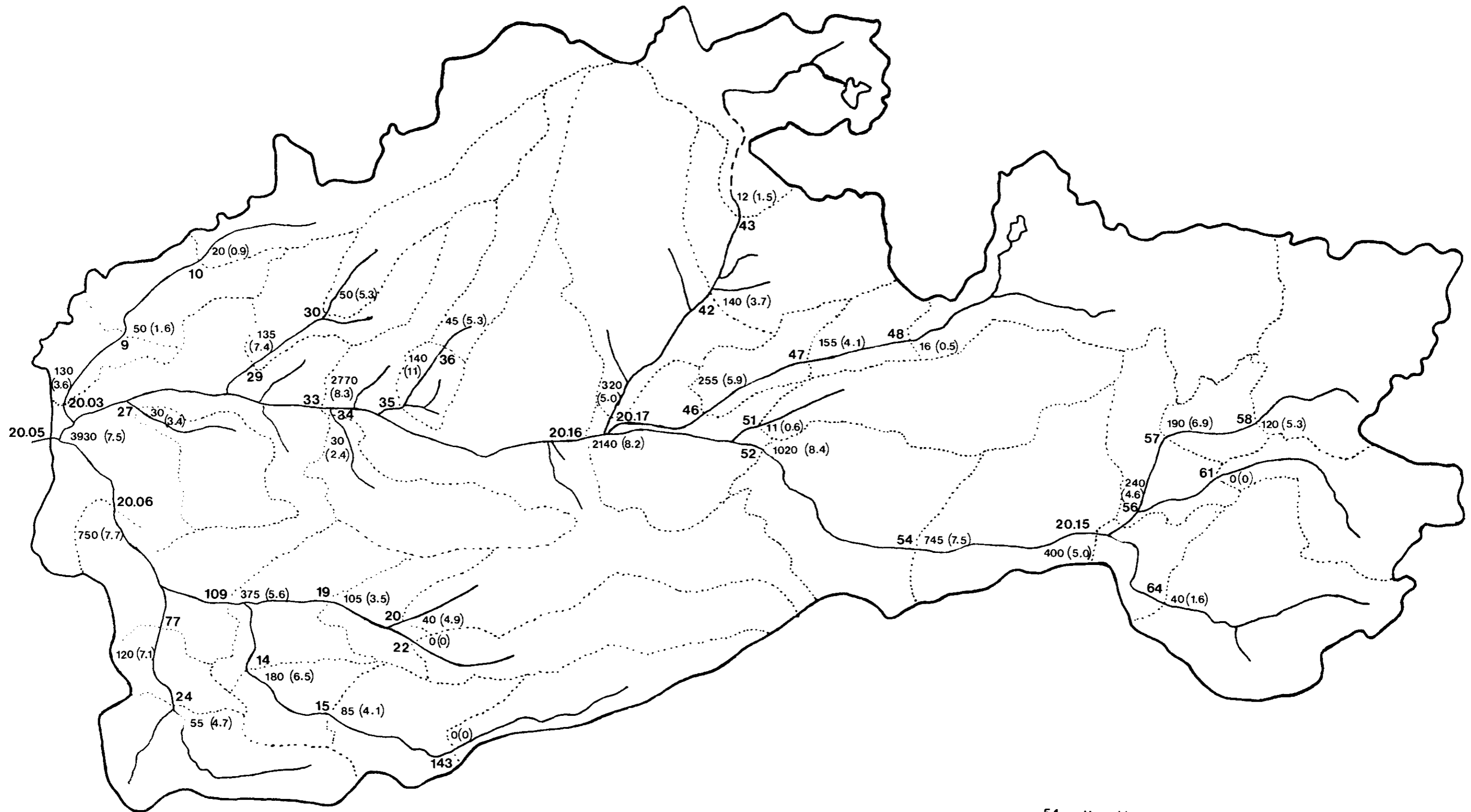
1:100.000  
1000 m 0 1 2 3 4 km

Danmarks Geologiske Undersøgelse  
Hydrogeologisk afdeling April 1982

Kortet er fremstillet delvis på grundlag af  
prækvartær-overfladens højdeforhold 1215 VIBORG

J. Knudsen  
K. Binzer

# Bilag: 4



54 målepunktes nr.  
 40 medianminimumsvandføring l/s  
 1.6 medianminimumsafstrømning l/s km<sup>2</sup>

# Bilag: 6

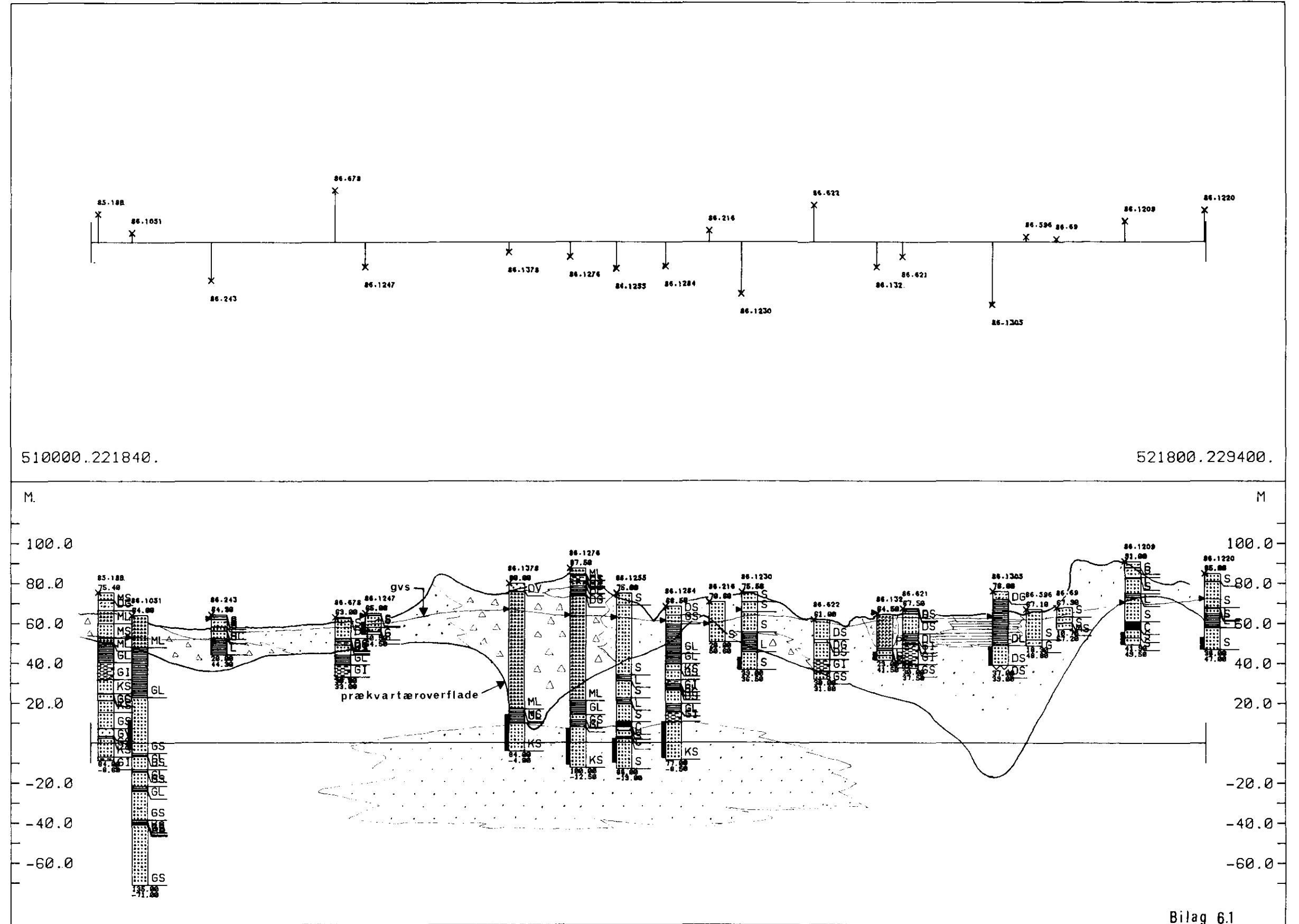
D. G. U. Karup profil-linie no. 1.

Langdemalestok = 1:50000

Højdemalestok = 1:2000

Højdelinie = 0 m over DNN

Bandbredde: 10 cm



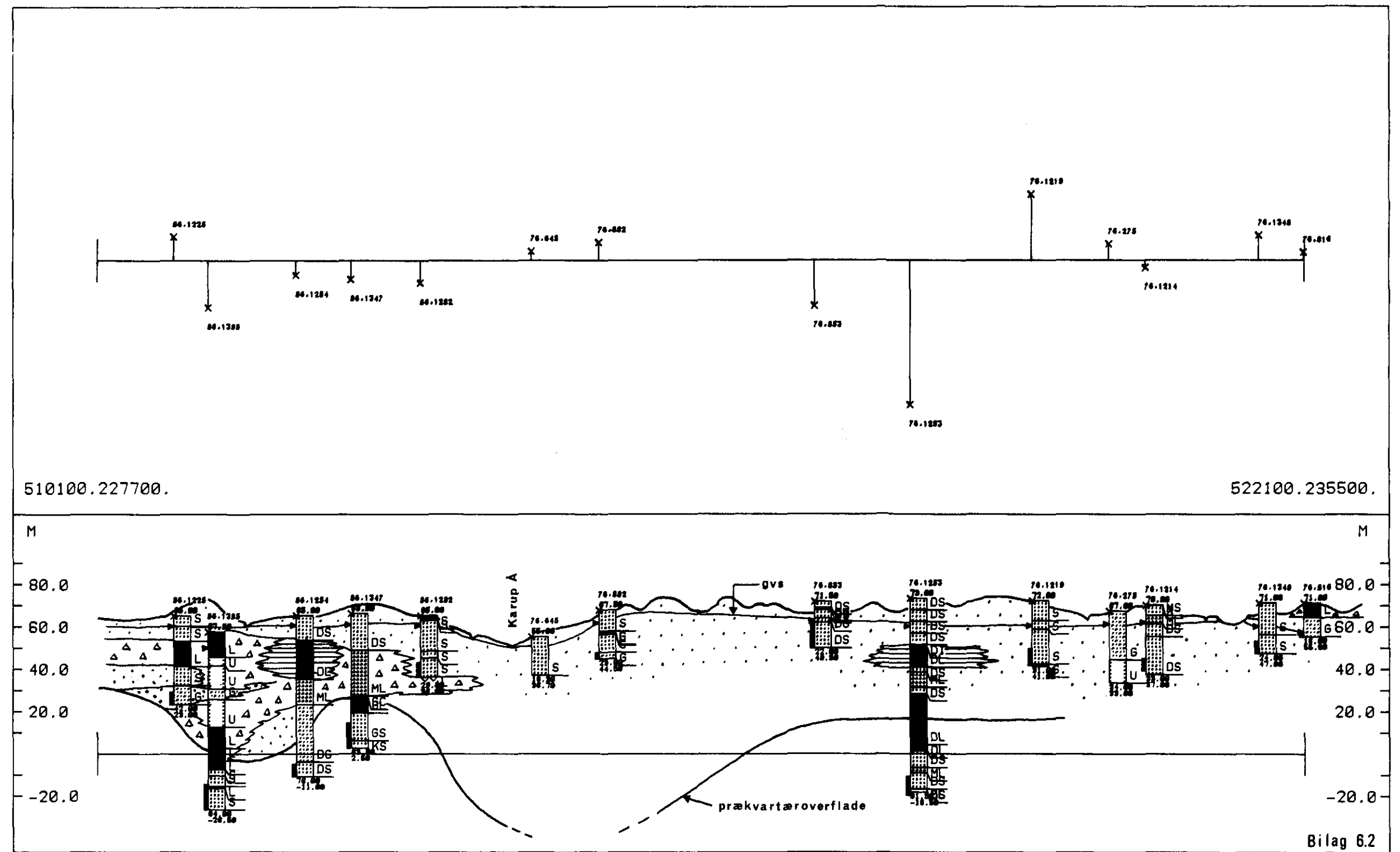
D. G. U. Karup profil-linie no. 2.

Langdemalestok = 1:50000

Højdemalestok = 1:2000

Højdelinie = 0 m over DNN

Bandbredde: 10 cm



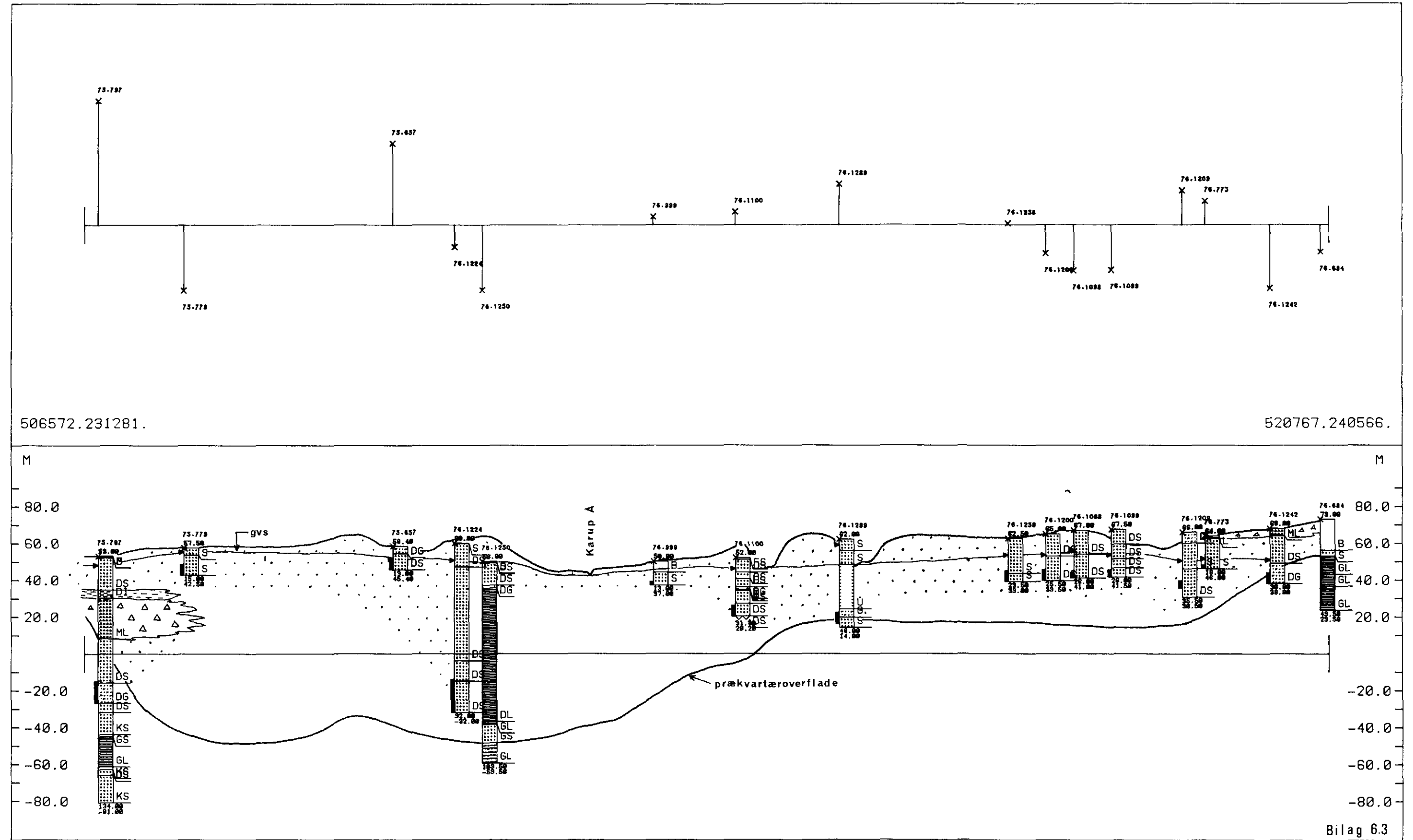
D. G. U. Karup profil-linie no. 3.

Langdemalestok = 1:50000

Højdemalestok = 1:2000

Højdelinie = 0 m over DNN

Bandsbredde: 10 cm





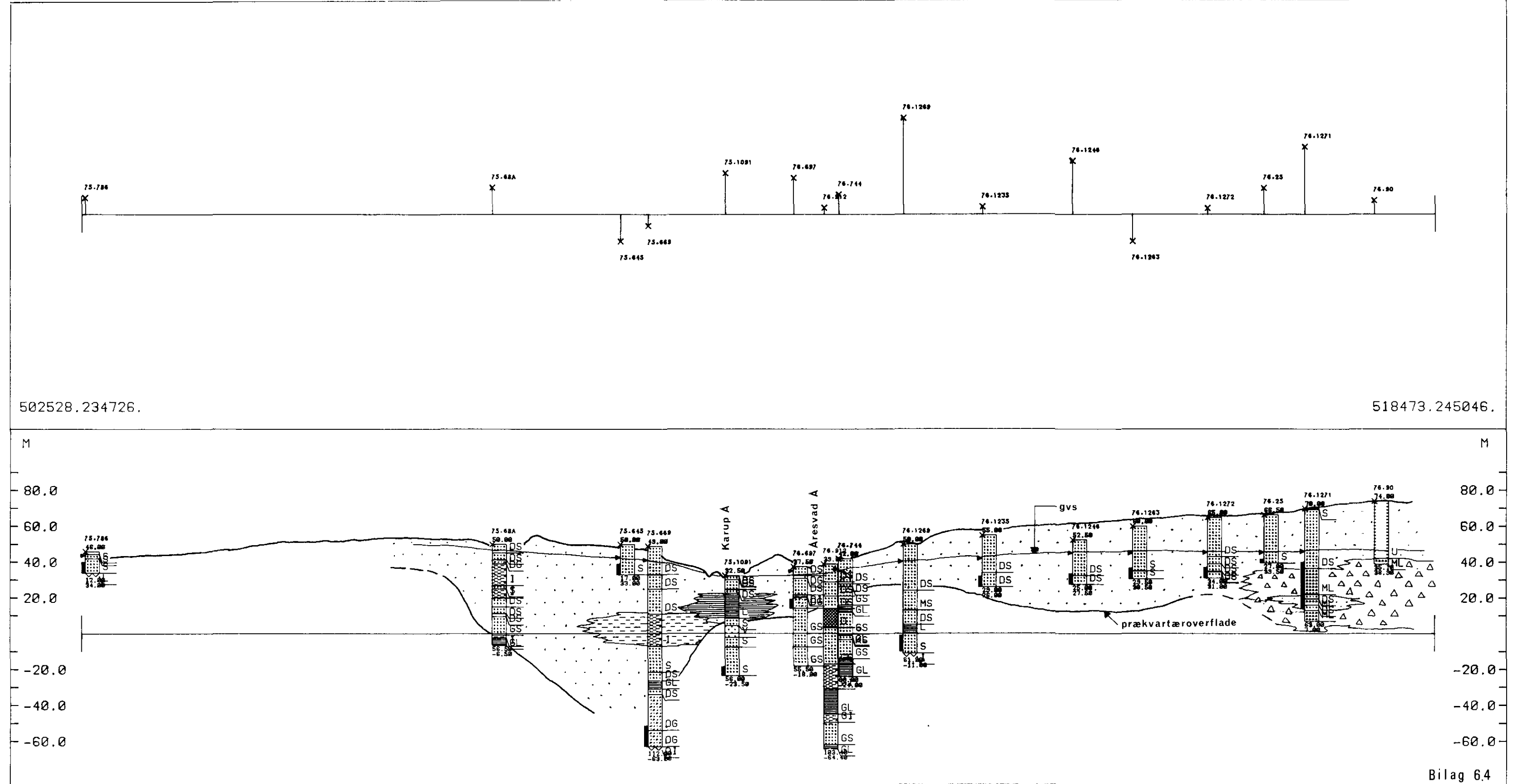
D. G. U. Karup profil-linie no. 4.

Langdemalestok = 1:50000

Højdemalestok = 1:2000

Højdelinie = 0 m over DNN

Bandbredde: 10 cm



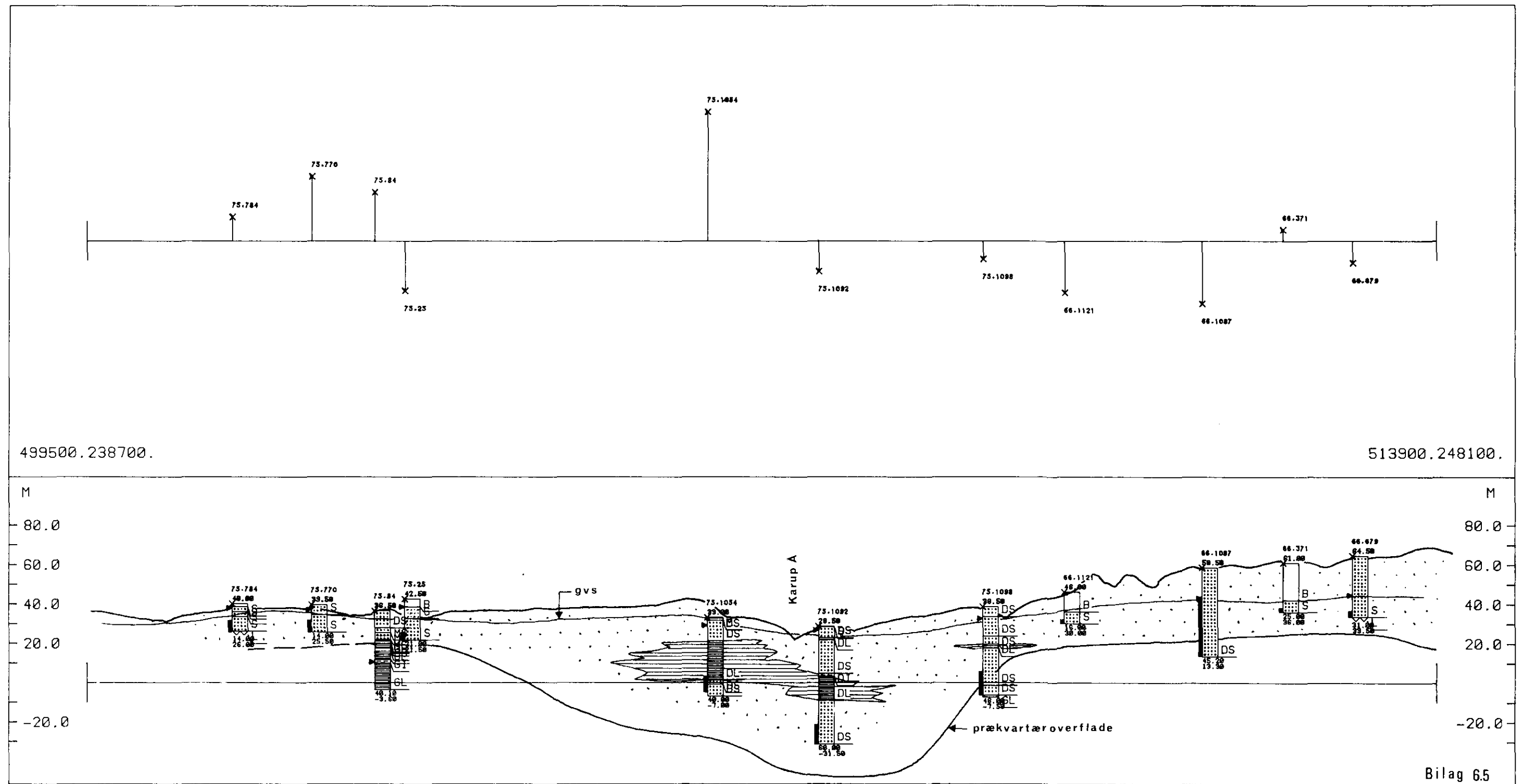
D. G. U. Karup profil-linie no. 5.

Langdemalestok = 1:50000

Højdemalestok = 1:2000

Højdelinie = 0 m over DNN

Båndbredde: 10 cm



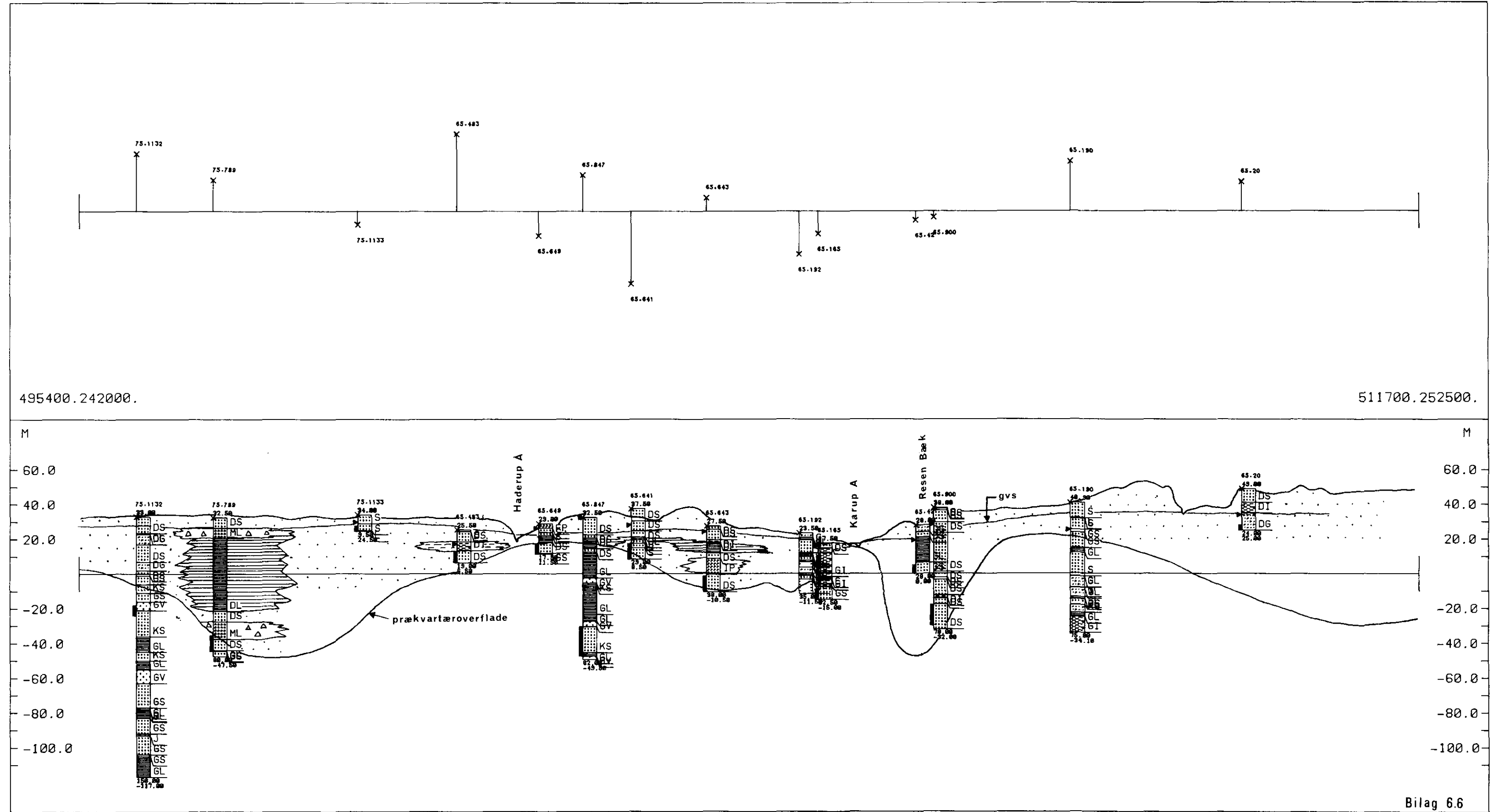
D. G. U. Karup profil-linie no. 6.

Langmalemastok = 1:50000

Højdemalemastok = 1:2000

Højdelinie = 0 m over DNN

Bandbredde: 10 cm



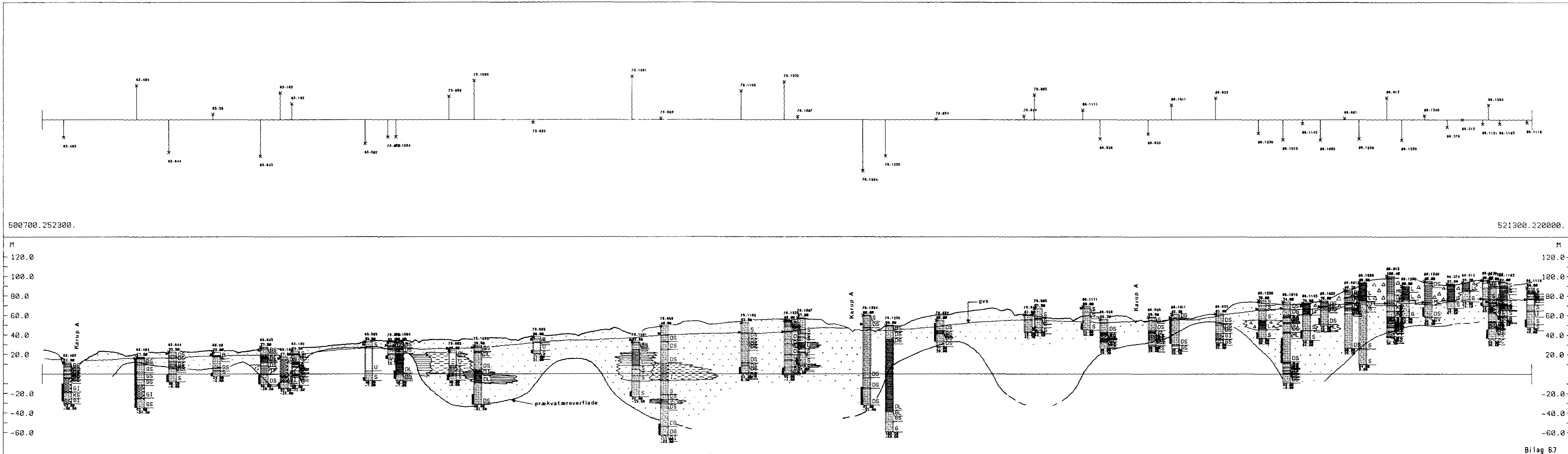
D. G. U. Karup profil-linie no. 7.

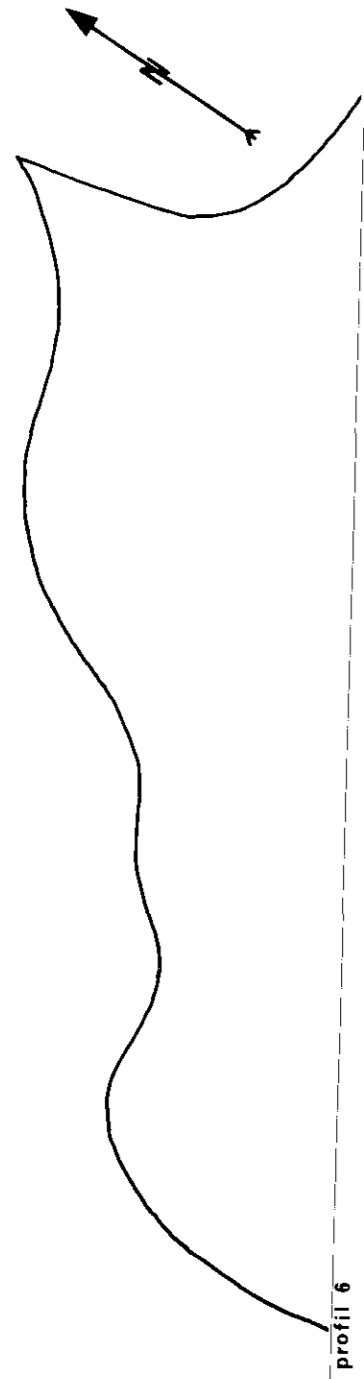
Langdemailestok = 1:50000

Højdemalestok = 1:2000

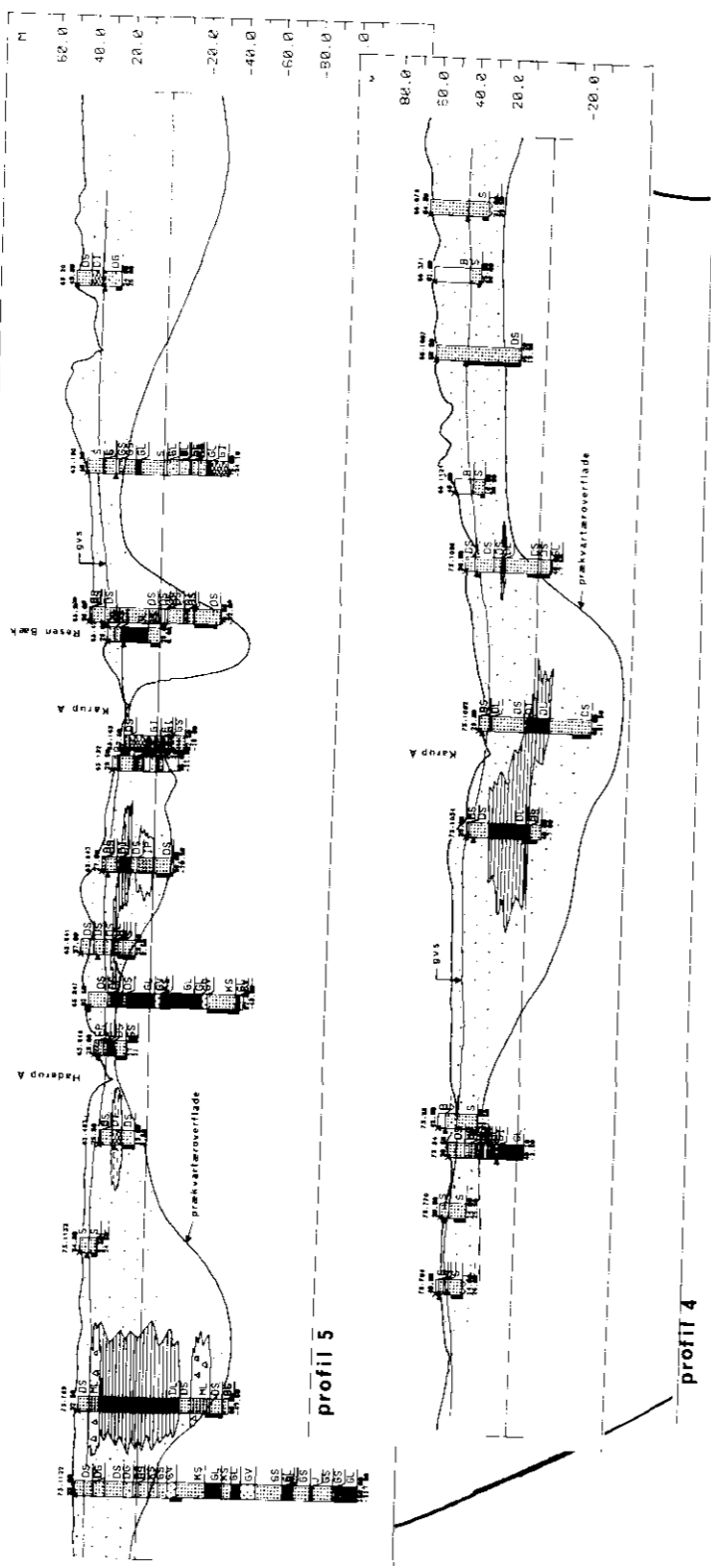
Højdeflinie = 0 m over DNN

Båndbredde: 10 cm



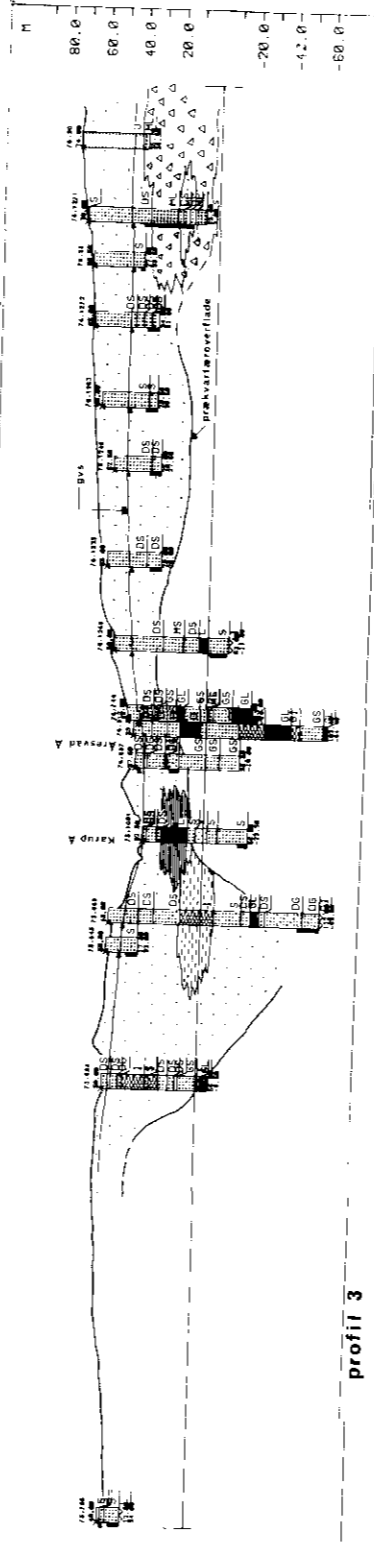


profil 6

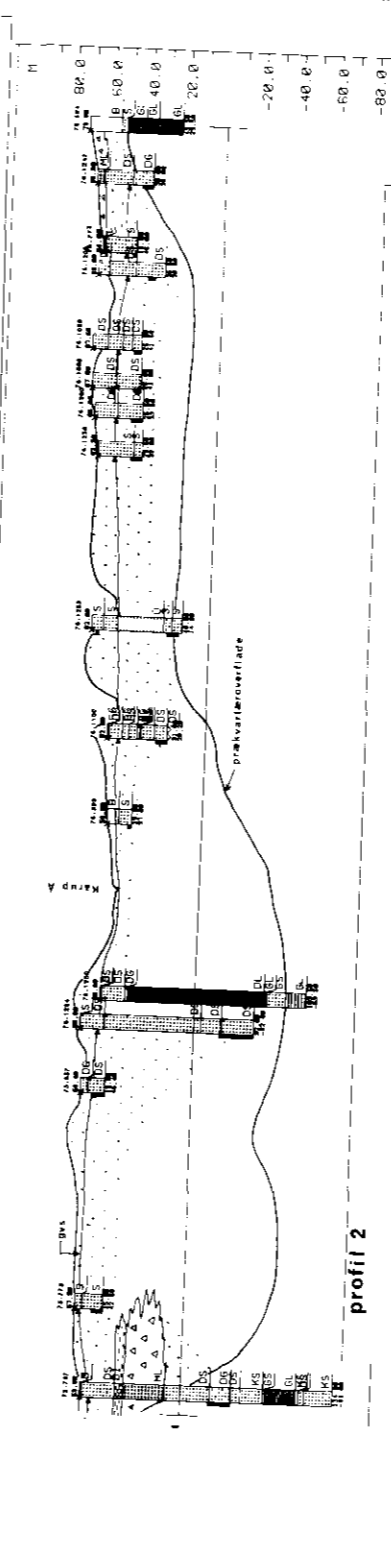


profil 5

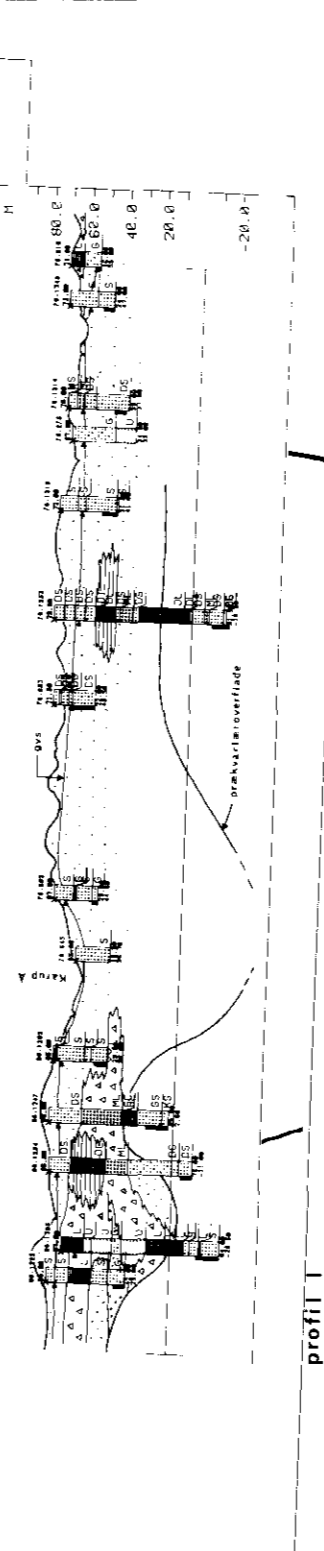
profil 4



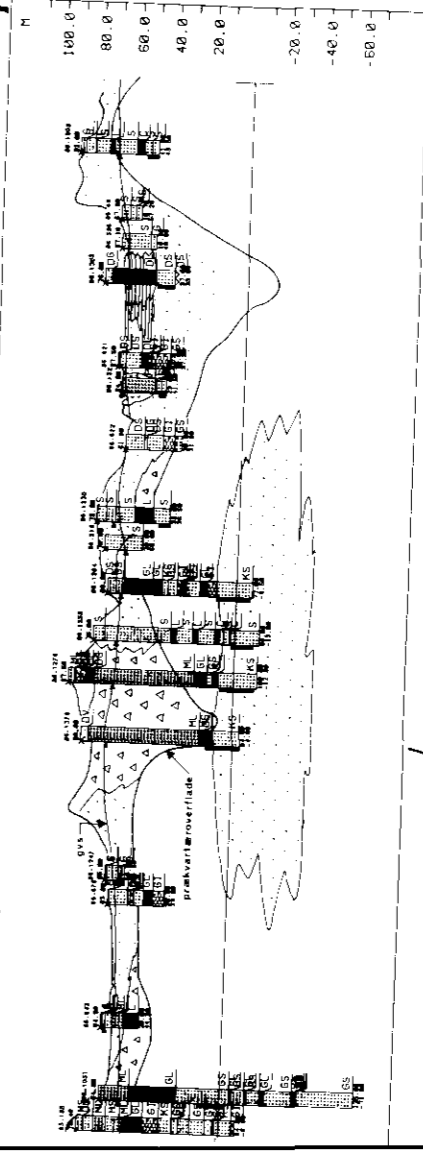
profil 3



profil 2



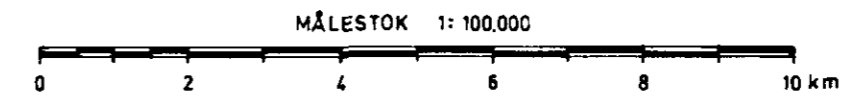
profil 1



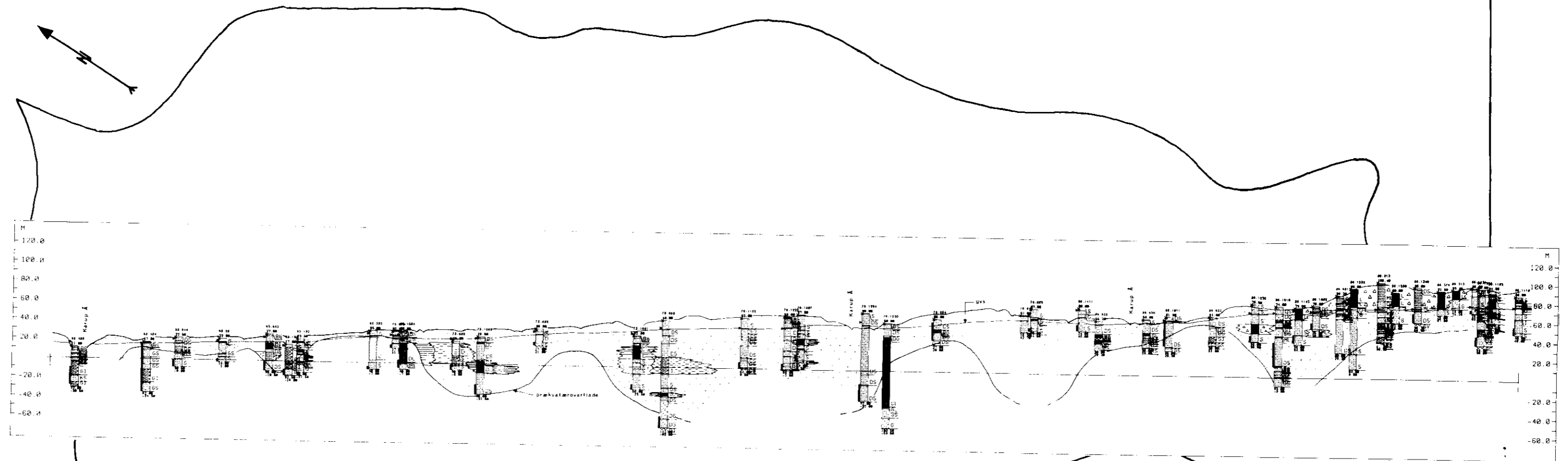
# KARUP UNDERSØGELSEN

## GEOLOGISKE TVÆRPROFILER 1-6

OVERHØJNING X 25  
SIGNATURFORKLARING SE FIG. 6.2



MÅLESTOK 1: 100.000  
Danmarks Geologiske Undersøgelse  
Hydrogeologisk afdeling



KARUP UNDERSØGELSEN

GEOLOGISK TVÆRPROFIL 7

OVERHØJNING X 25

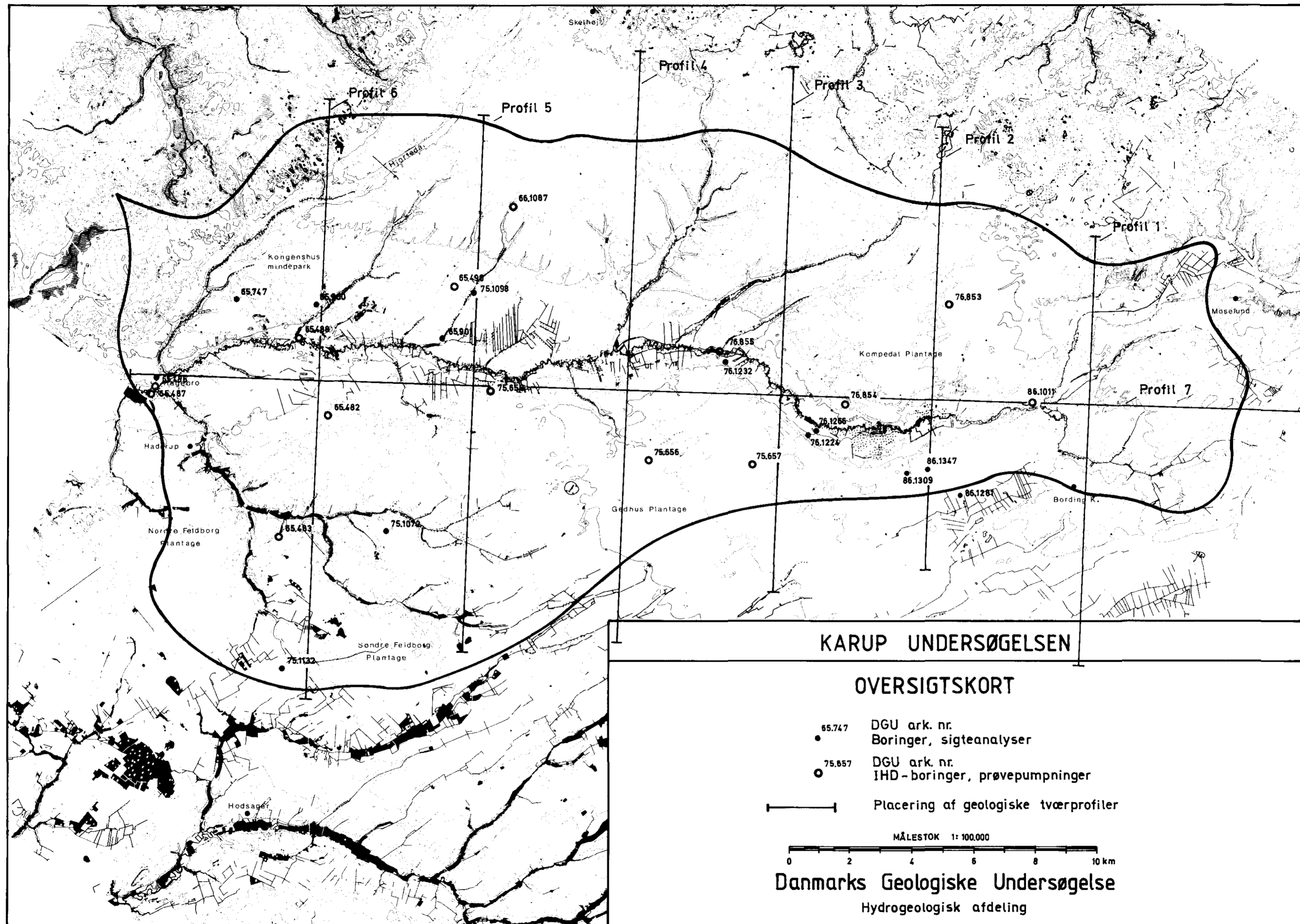
SIGNATURFORKLARING SE FIG. 6.2

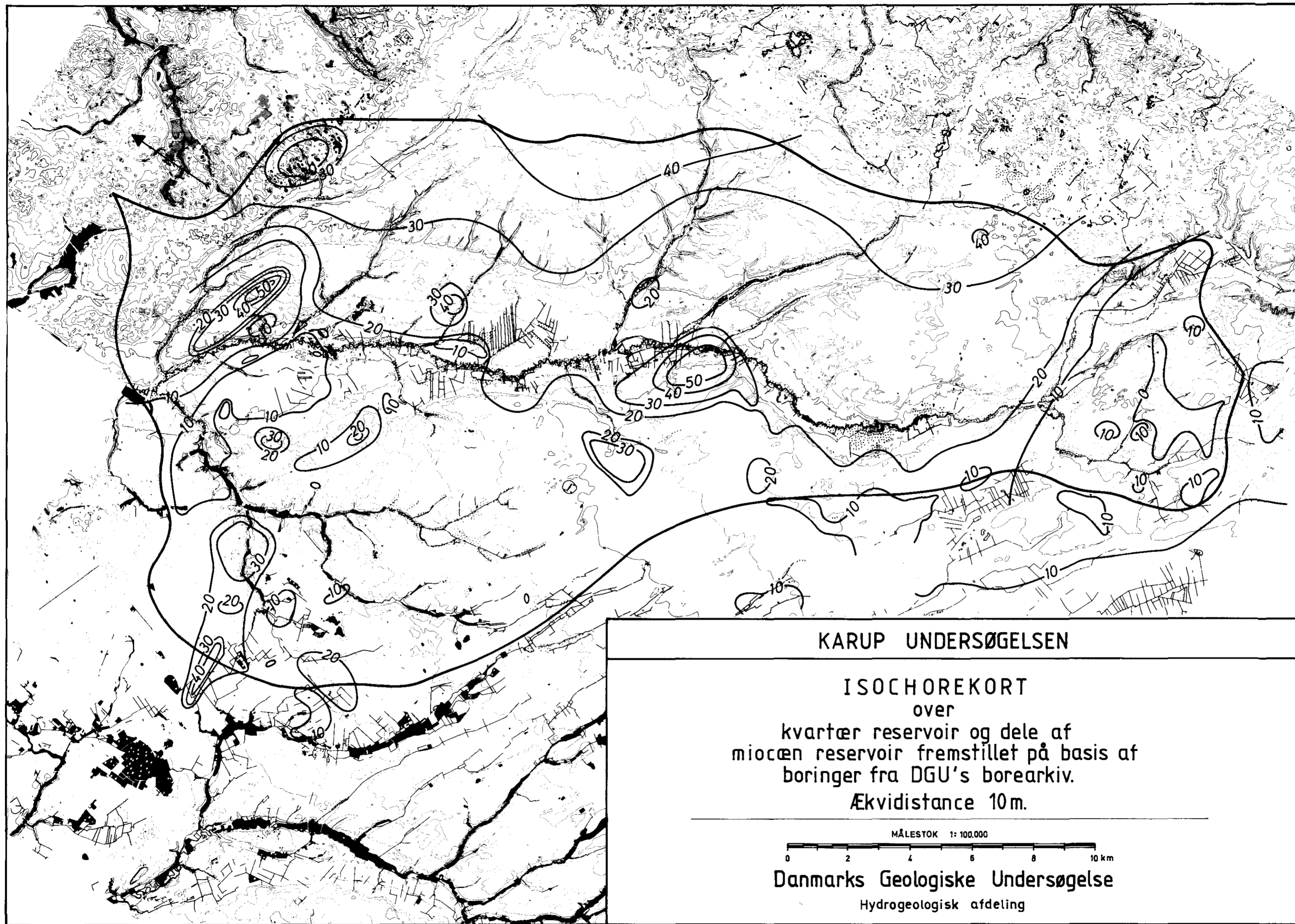
MÅLESTOK 1: 100.000



Danmarks Geologiske Undersøgelse  
Hydrogeologisk afdeling

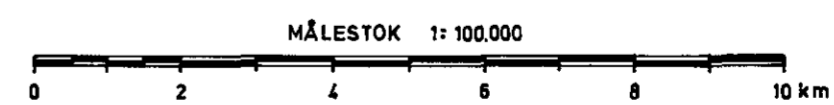
J.K. april 82





**KARUP UNDERSØGELSEN**

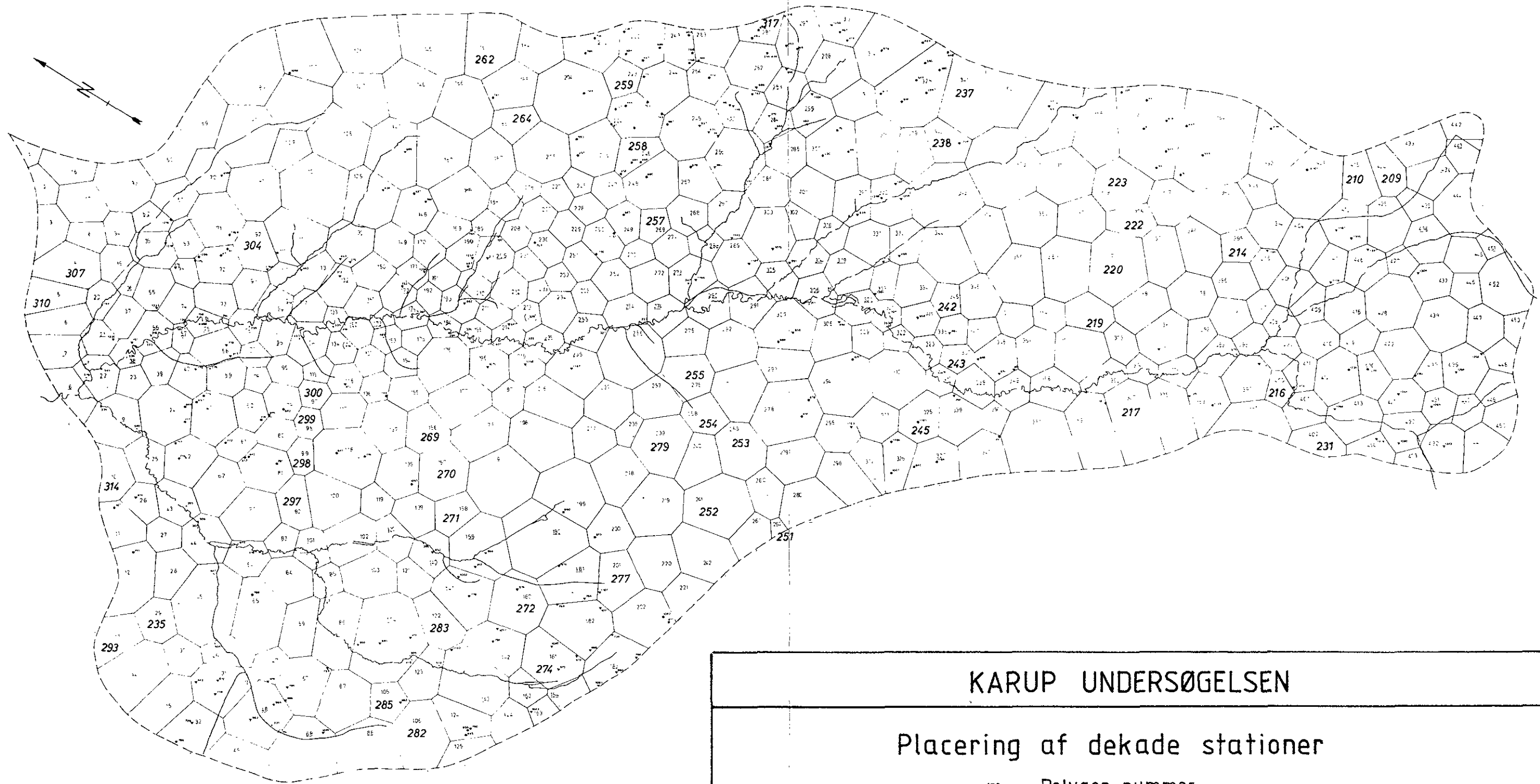
**ISOCHOREKORT**  
over  
kvartær reservoir og dele af  
miocæn reservoir fremstillet på basis af  
boringer fra DGU's borearkiv.  
Ækvidistance 10 m.



**Danmarks Geologiske Undersøgelse**  
Hydrogeologisk afdeling



# Bilag: 8

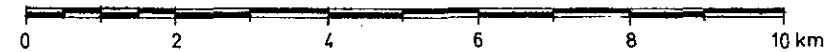


## KARUP UNDERSØGELSEN

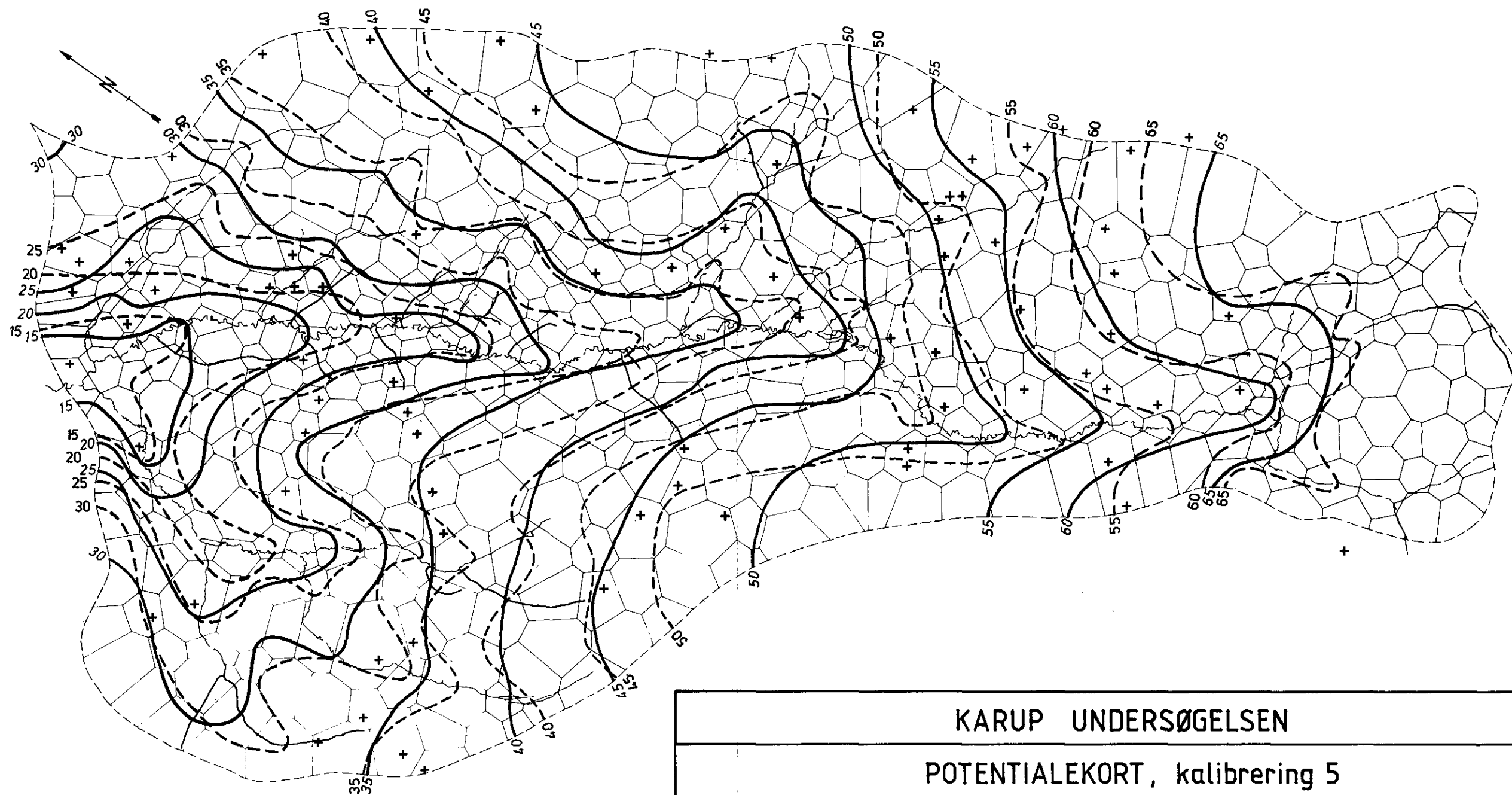
### Placering af dekade stationer

- 156 Polygon nummer
- 269 Dekade nummer
- 181 Polygon med fastlåst potentiale

MÅLESTOK 1:100000



Danmarks Geologiske Undersøgelse  
Hydrogeologisk afdeling



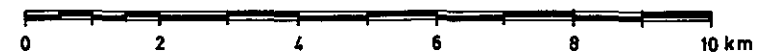
## KARUP UNDERSØGELSEN

### POTENTIALEKORT, kalibrering 5

SIGNATURFORKLARING:

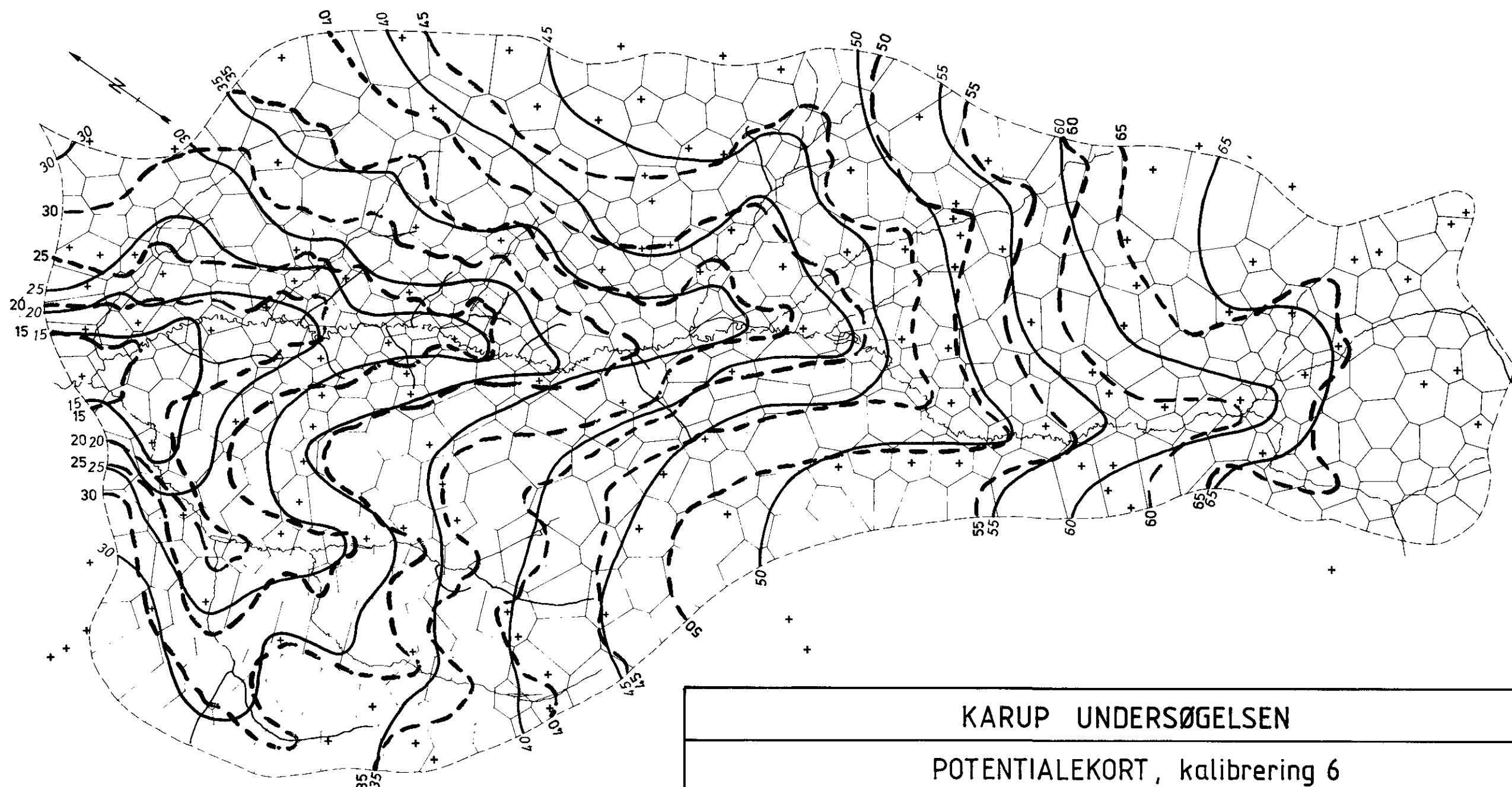
- 65 Potentialer observeret, kote meter, april 1980
- - - 65 Potentialer simuleret, kote meter, 31.12.76
- + Indicerer steder, hvor pejlingen er foretaget i nivellerede boringer og brønde.

MÅLESTOK 1: 100.000



Danmarks Geologiske Undersøgelse

Hydrogeologisk afdeling



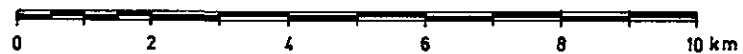
## KARUP UNDERSØGELSEN

### POTENTIALKORT, kalibrering 6

SIGNATURFORKLARING:

- 65 Potentialer observeret, kote meter, april 1980
- - - 65 Potentialer simuleret; kote meter, 31.12.76
- + Indicerer steder, hvor pejlingen er foretaget i nivellerede boringer og brønde.

MÅLESTOK 1: 100.000

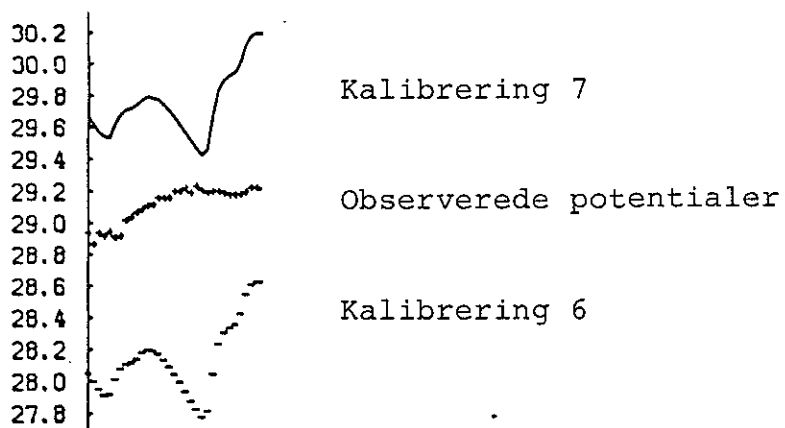


Danmarks Geologiske Undersøgelse

Hydrogeologisk afdeling

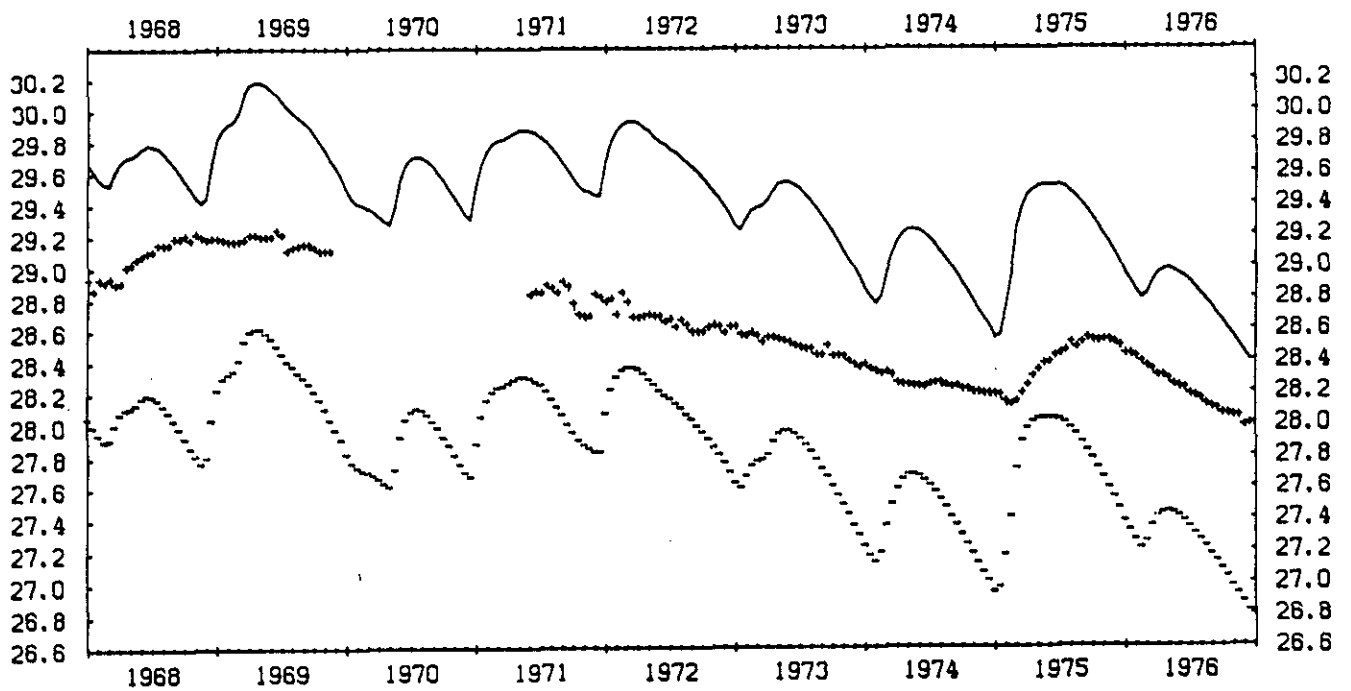
BILAG 8.4: PLOT AF SIMULEREDE OG OBSERVEREDE POTENTIALER,  
SIDE 1-23.

SIGNATURFORKLARING:



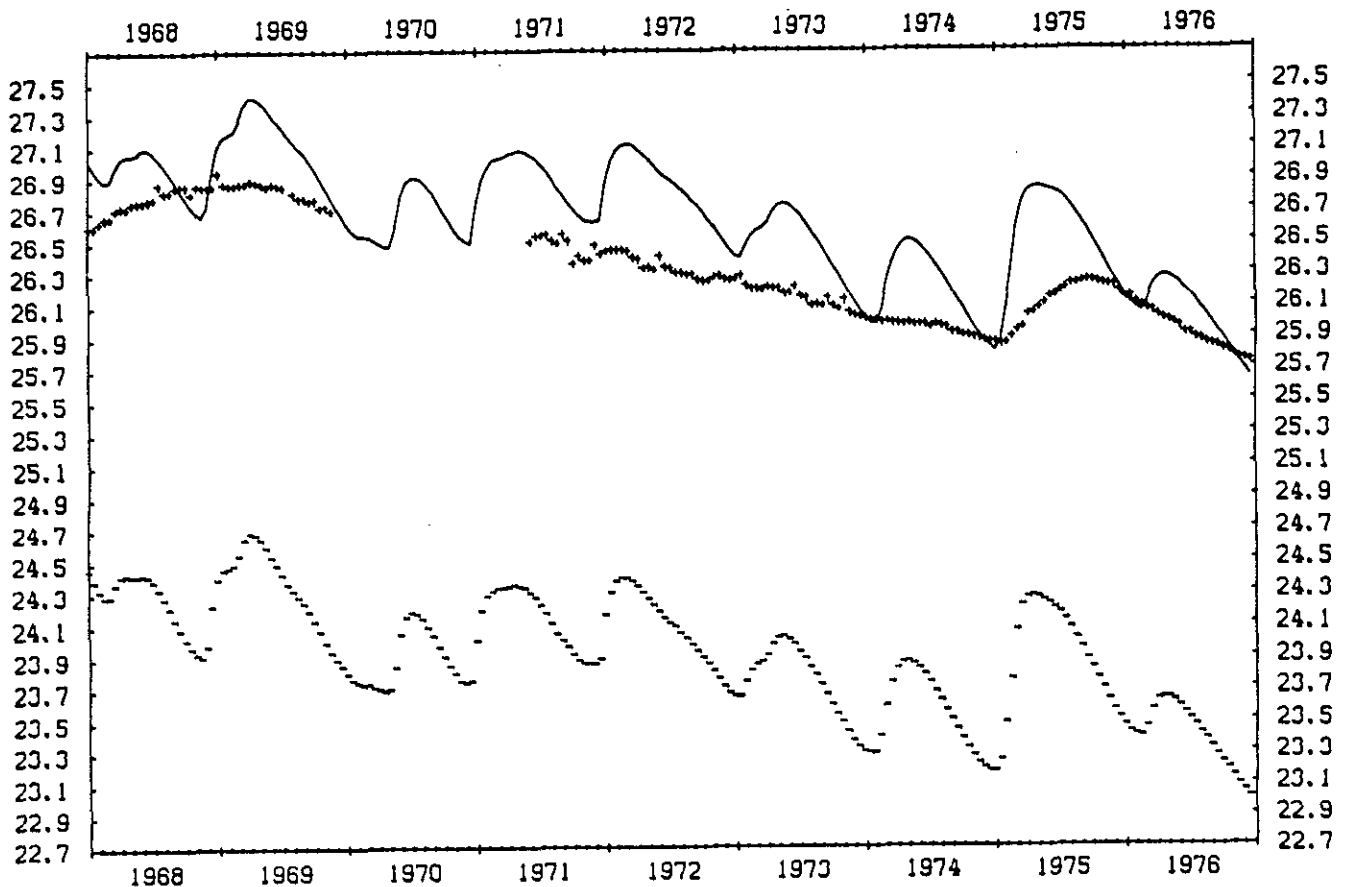
DEKADE NUMMER : 307

POLYGON NUMMER : 4



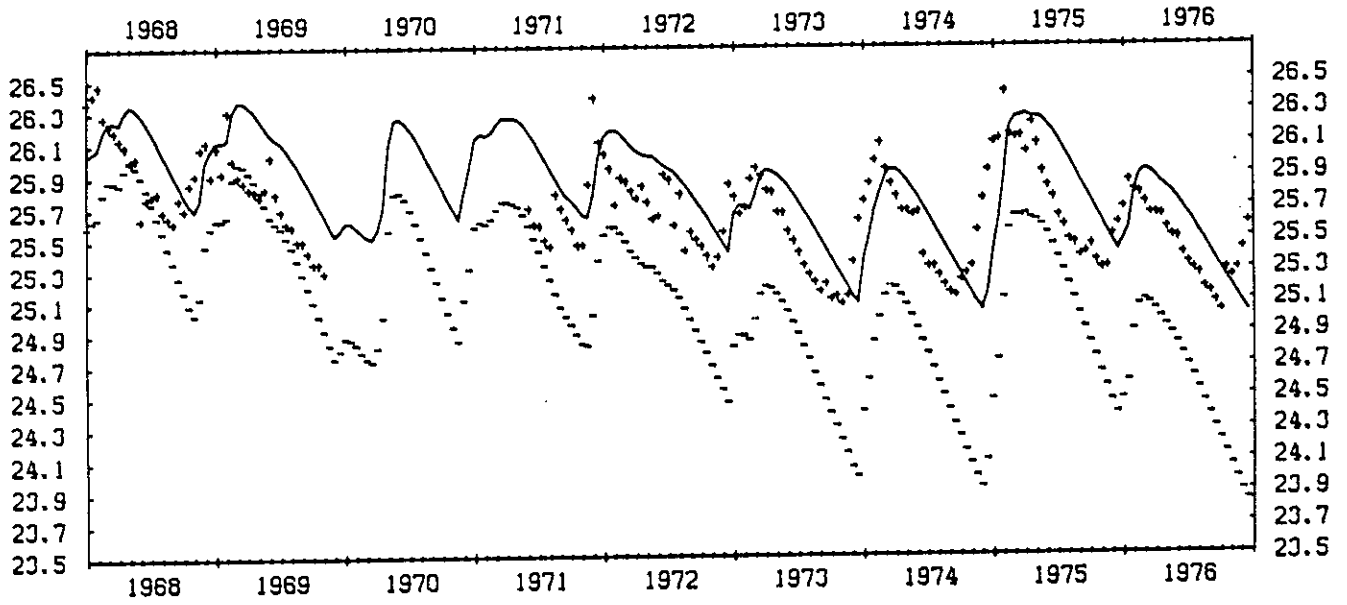
DEKADE NUMMER : 310

POLYGON NUMMER : 5



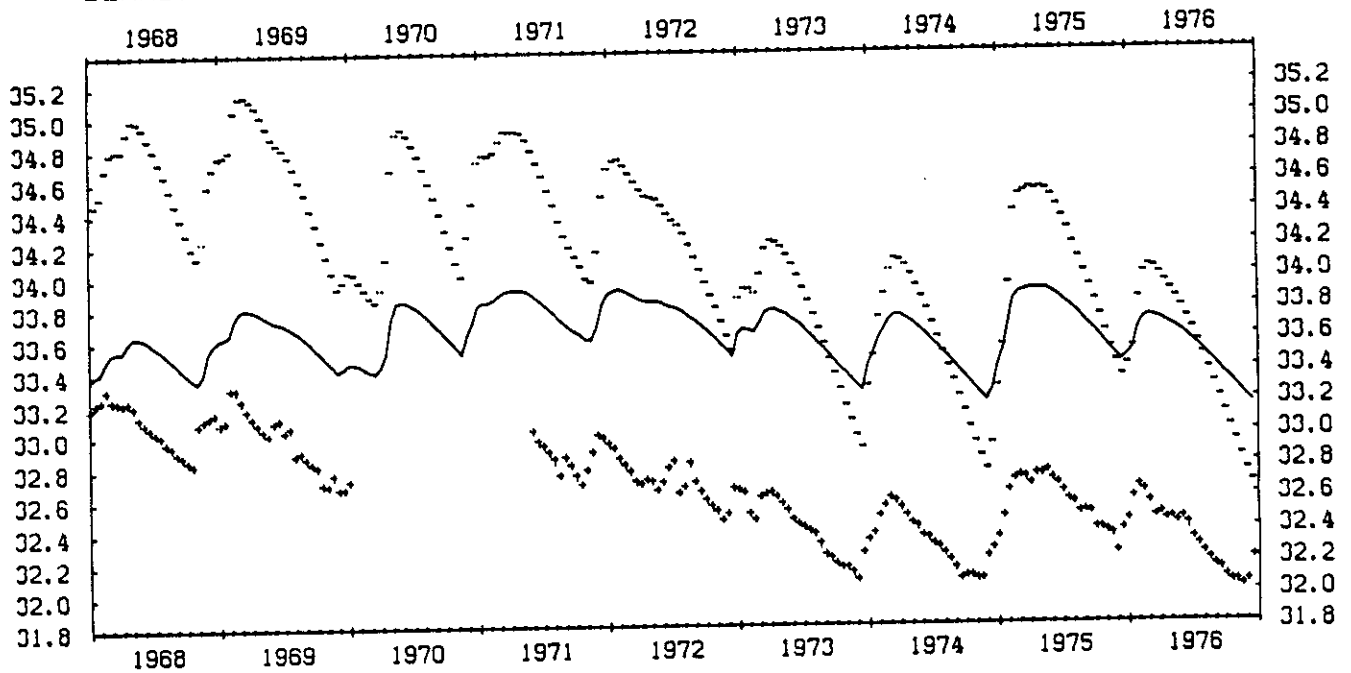
DEKADE NUMMER : 314

POLYGON NUMMER : 10



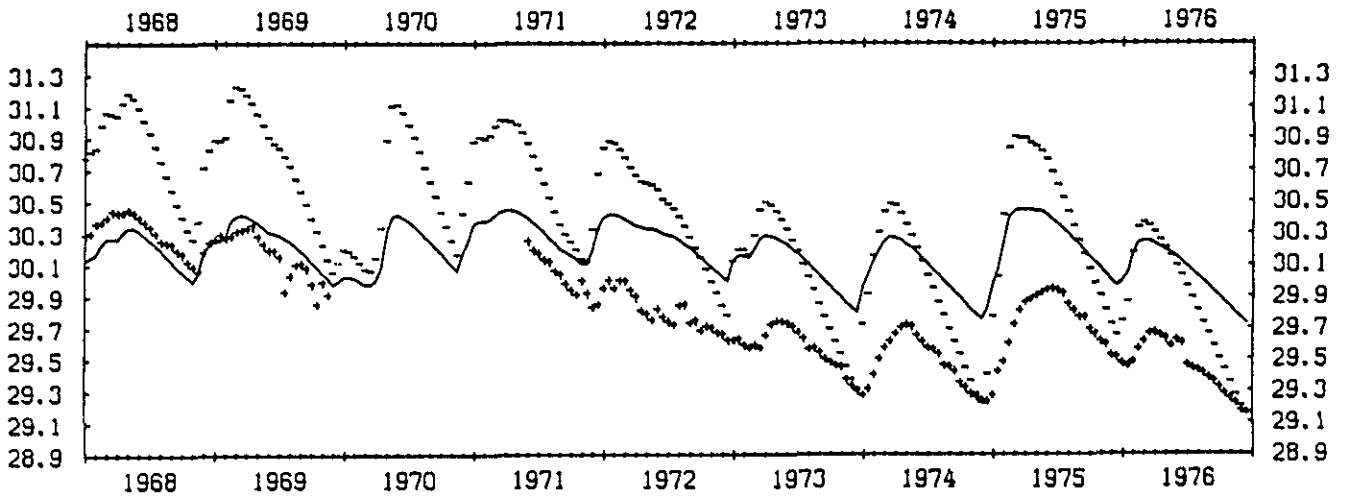
DEKADE NUMMER : 293

POLYGON NUMMER : 13



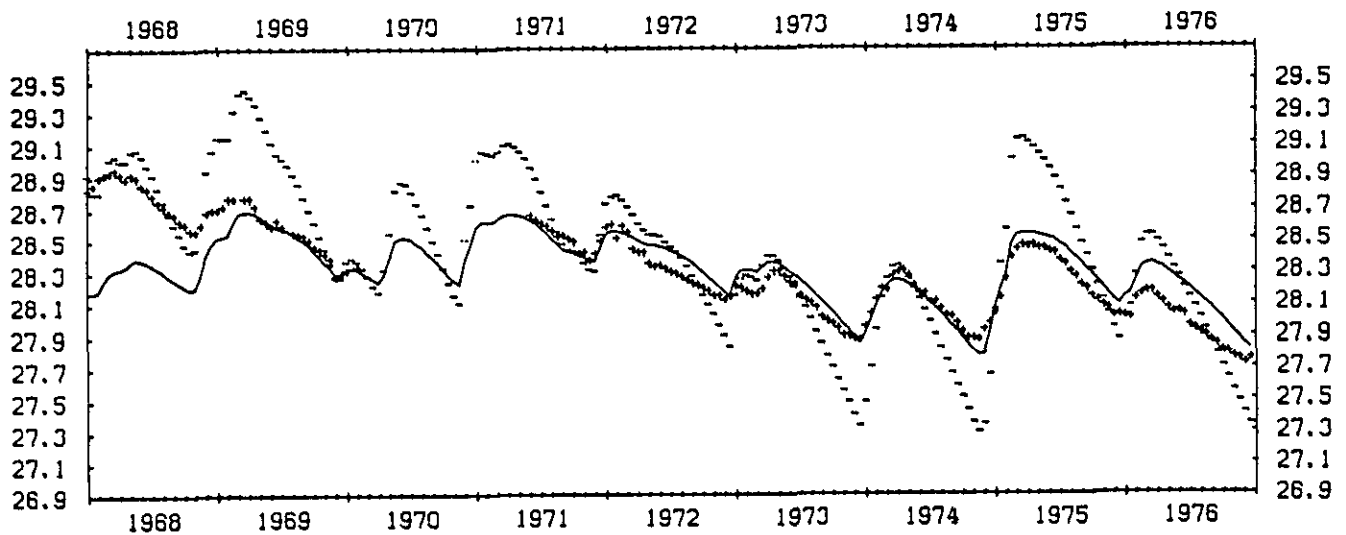
DEKADE NUMMER : 235

POLYGON NUMMER : 29



DEKADE NUMMER : 297

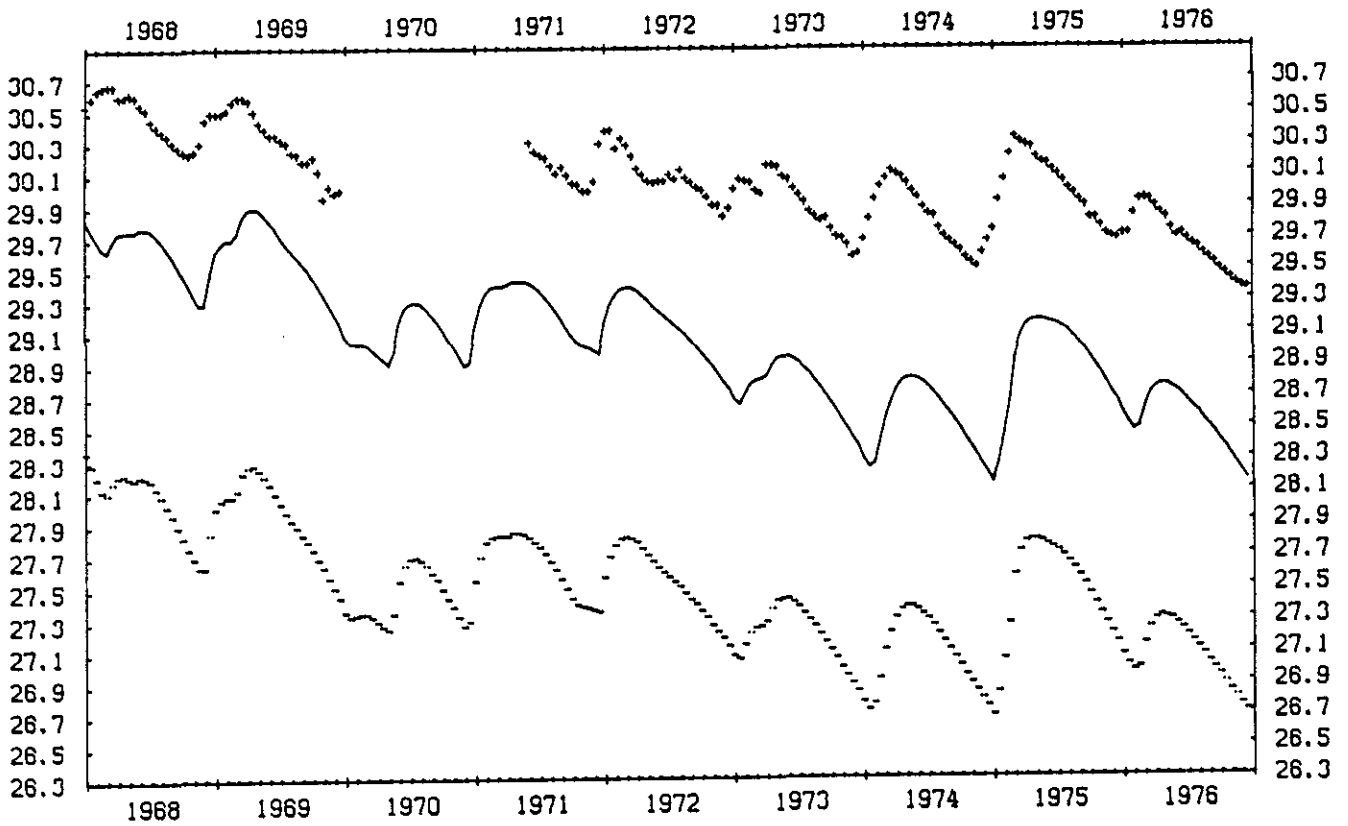
POLYGON NUMMER : 82





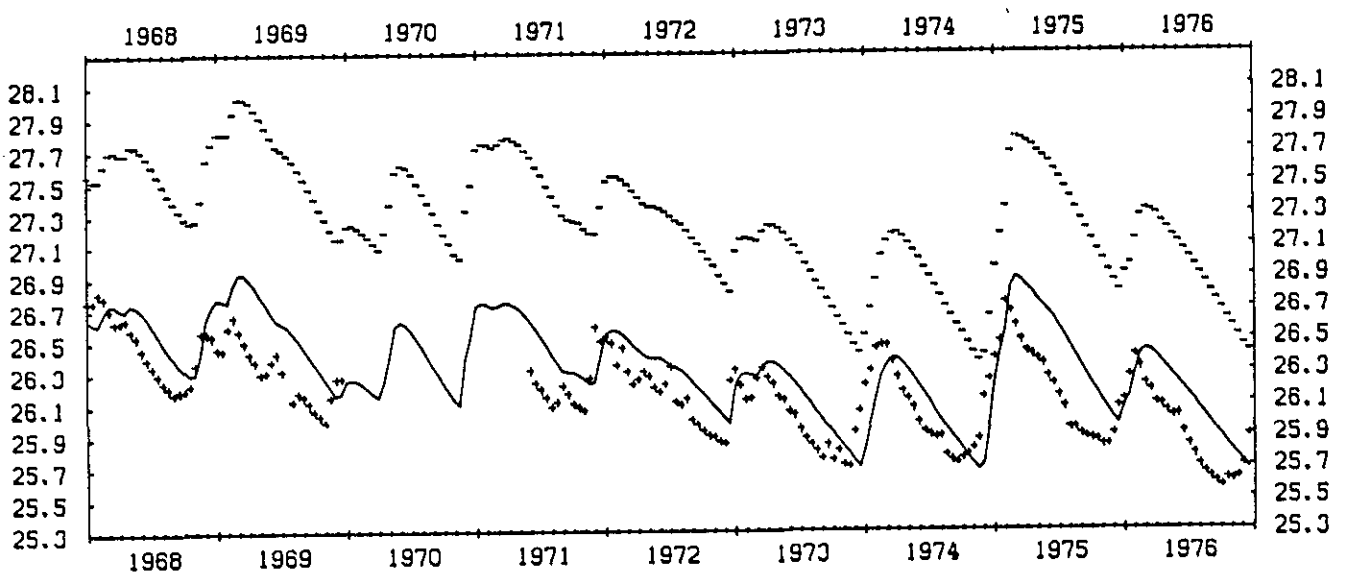
DEKADE NUMMER : 304

POLYGON NUMMER : 92



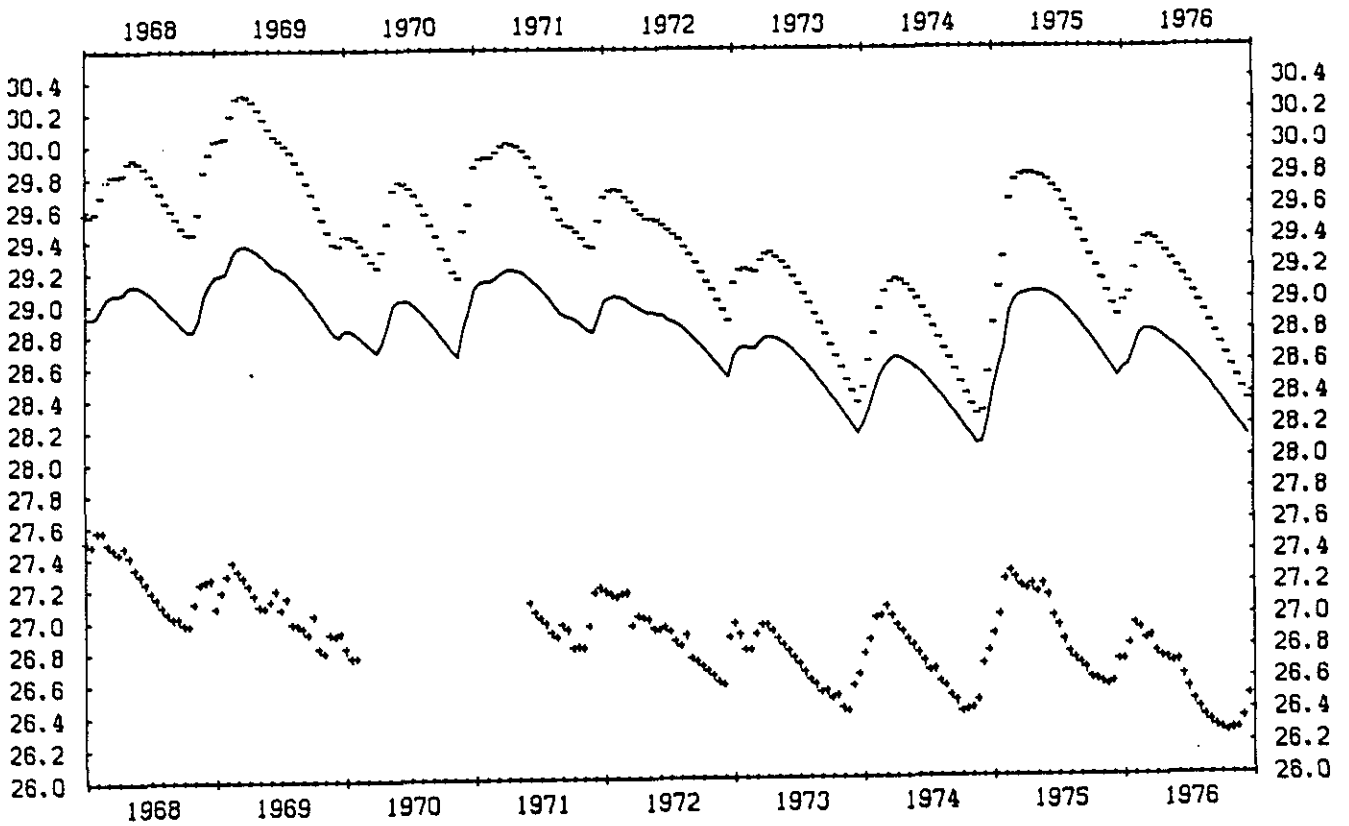
DEKADE NUMMER : 300

POLYGON NUMMER : 97



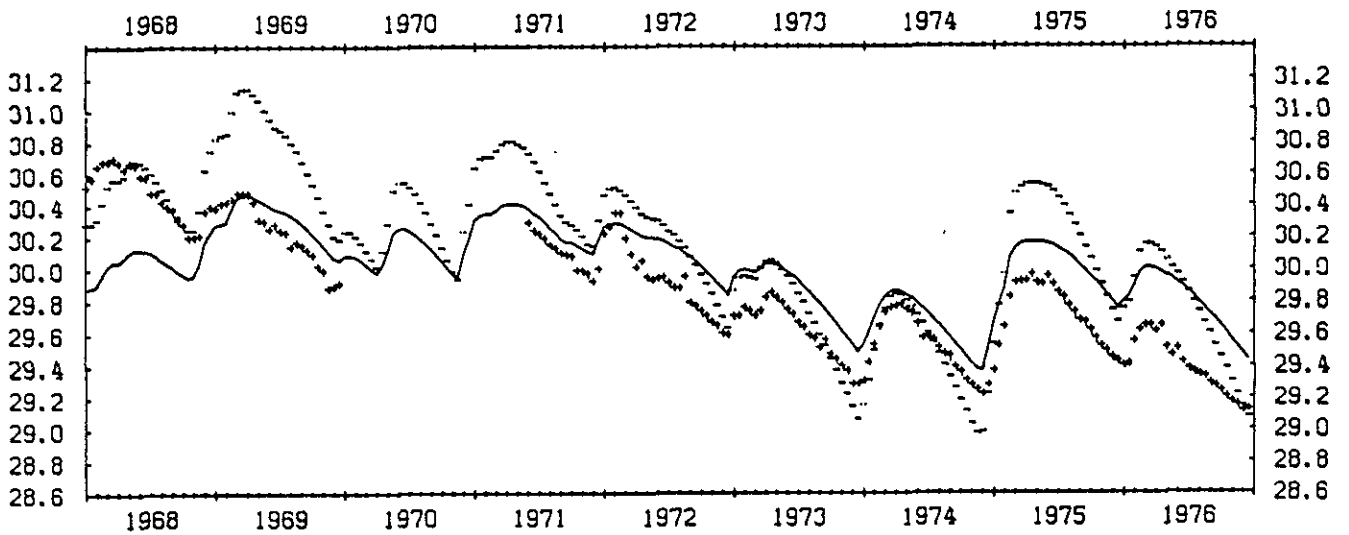
DEKADE NUMMER : 299

POLYGON NUMMER : 98



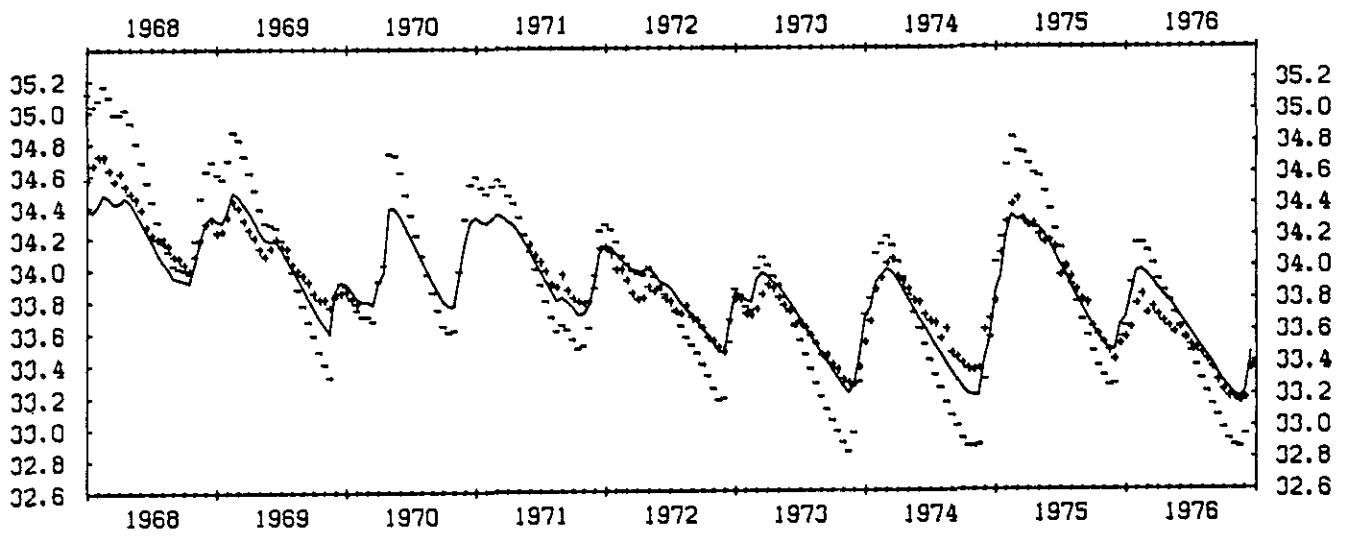
DEKADE NUMMER : 298

POLYGON NUMMER : 99



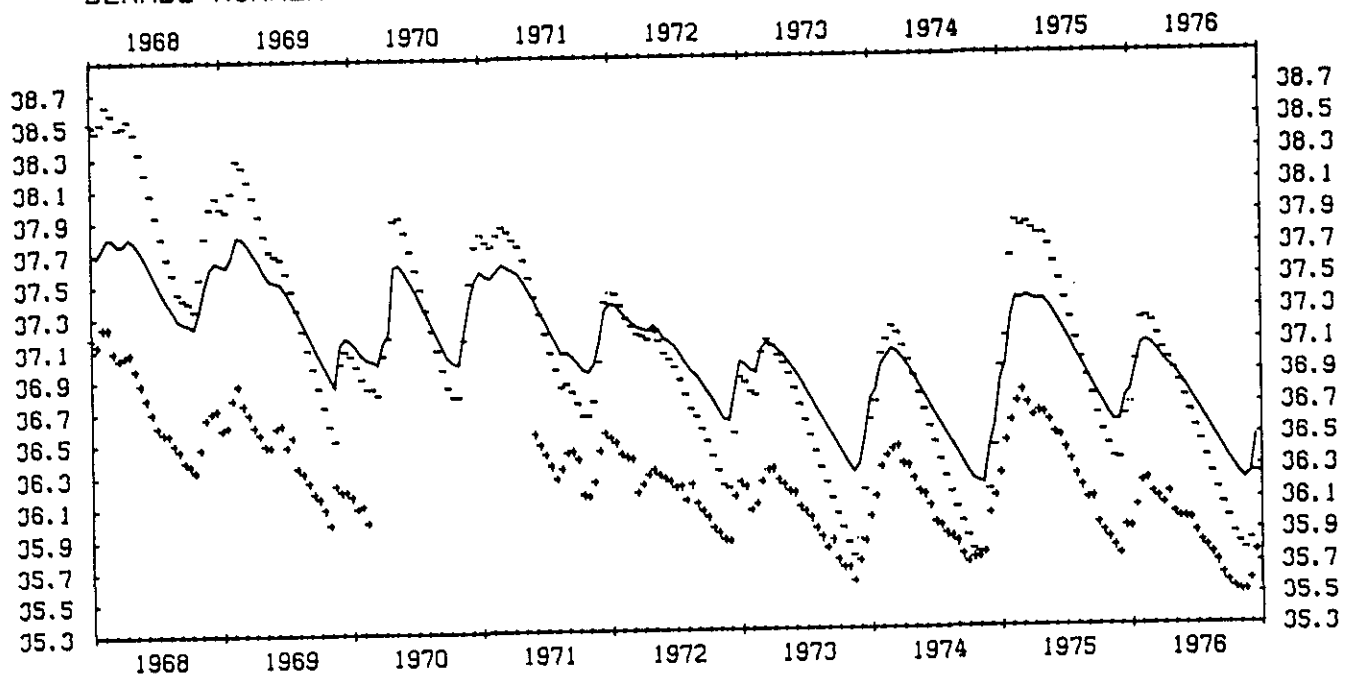
DEKADE NUMMER : 285

POLYGON NUMMER : 105



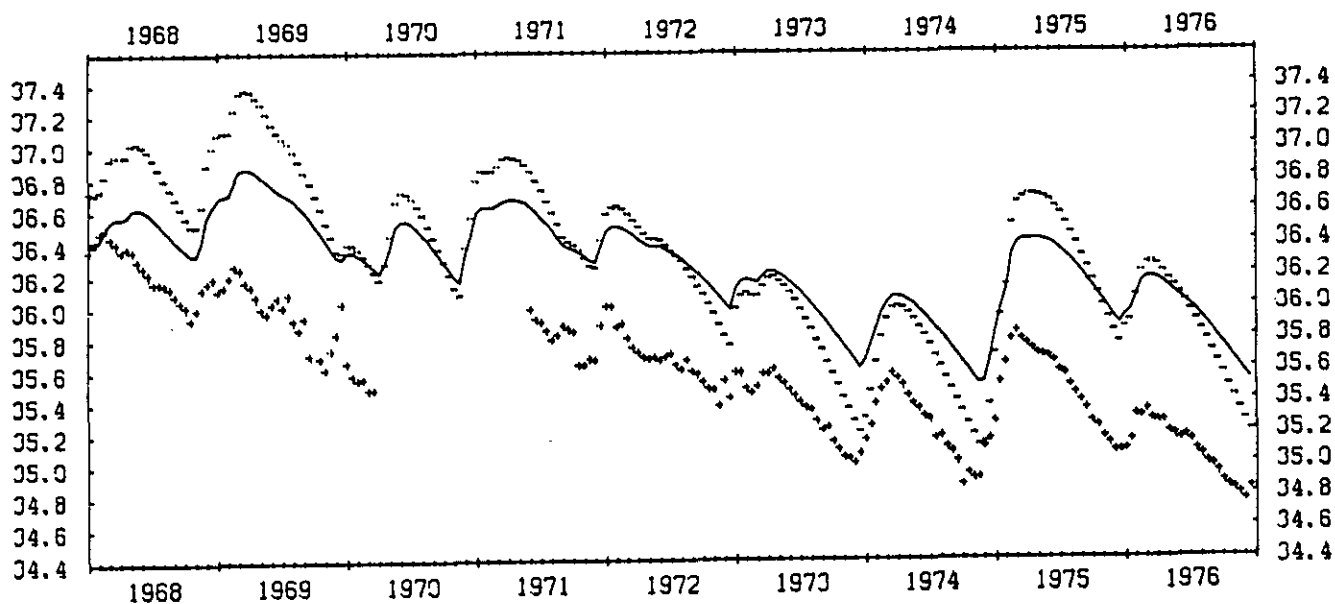
DEKADE NUMMER : 282

POLYGON NUMMER : 106



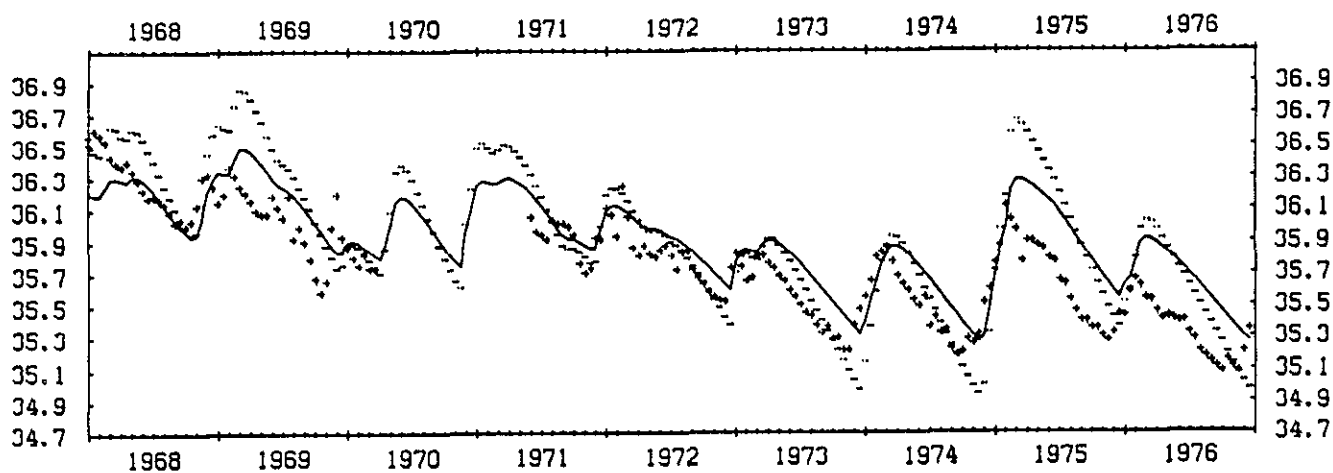
DEKADE NUMMER : 270

POLYGON NUMMER : 157



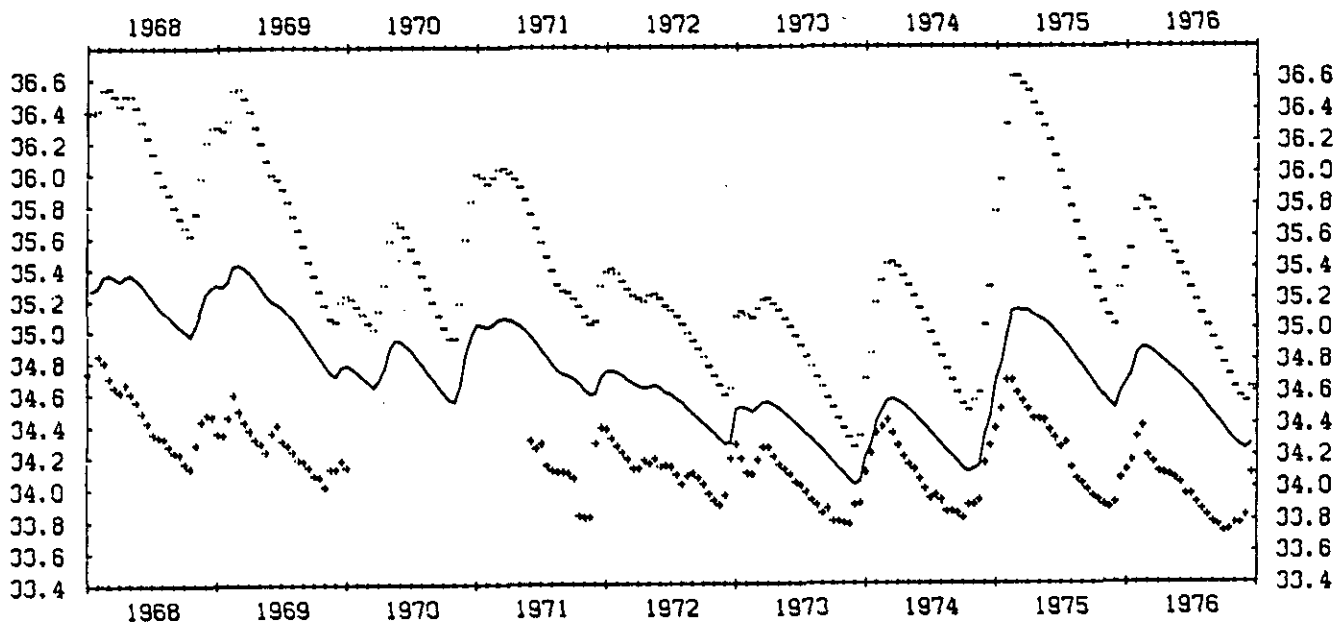
DEKADE NUMMER : 271

POLYGON NUMMER : 158



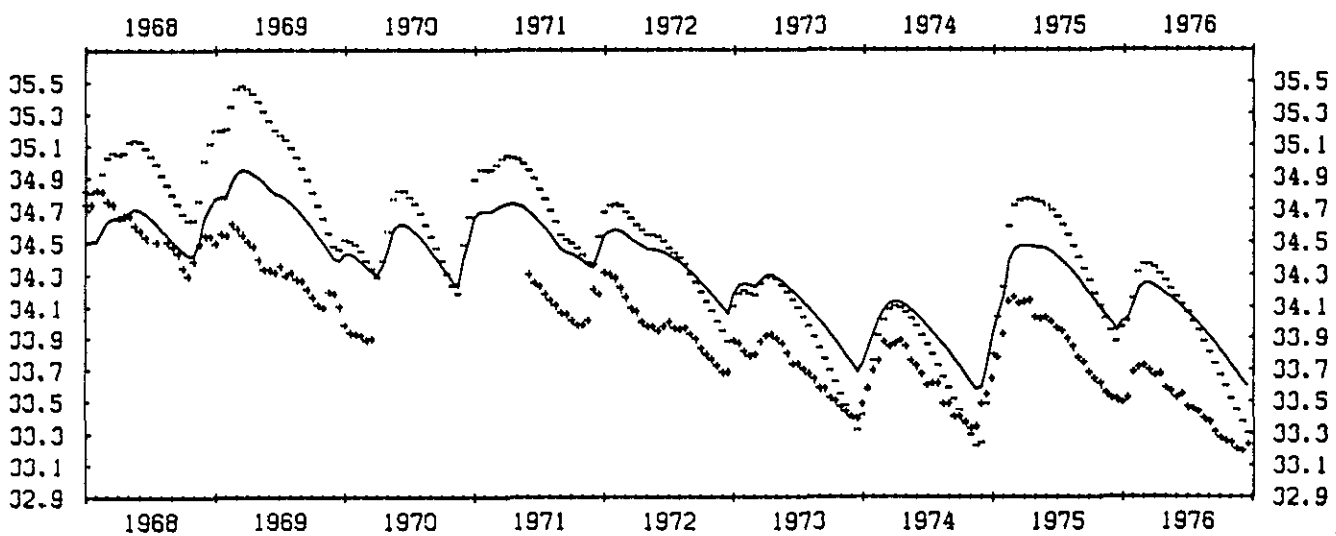
DEKADE NUMMER : 283

POLYGON NUMMER : 122



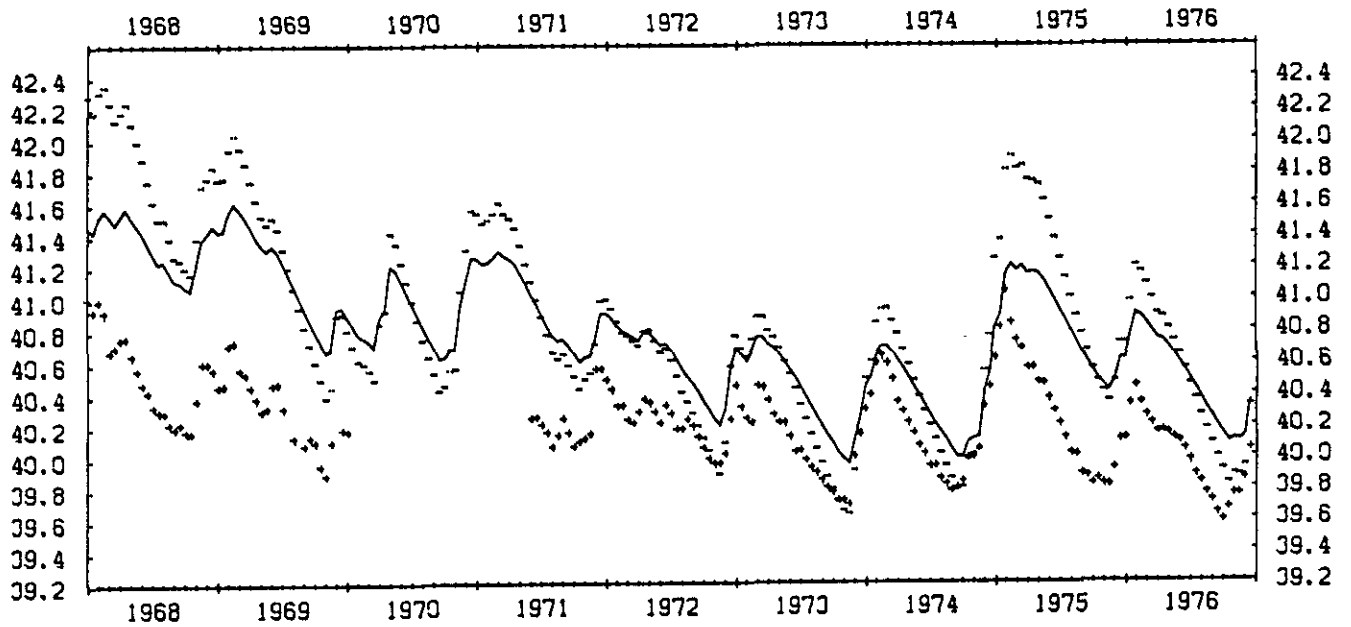
DEKADE NUMMER : 269

POLYGON NUMMER : 156



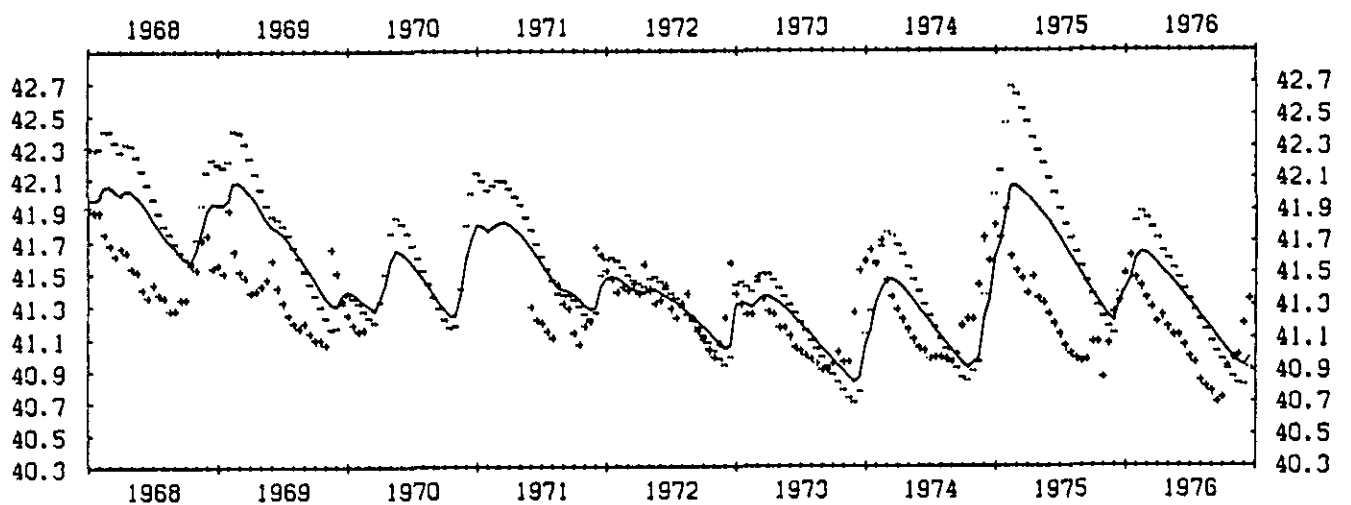
DEKADE NUMMER : 272

POLYGON NUMMER : 160



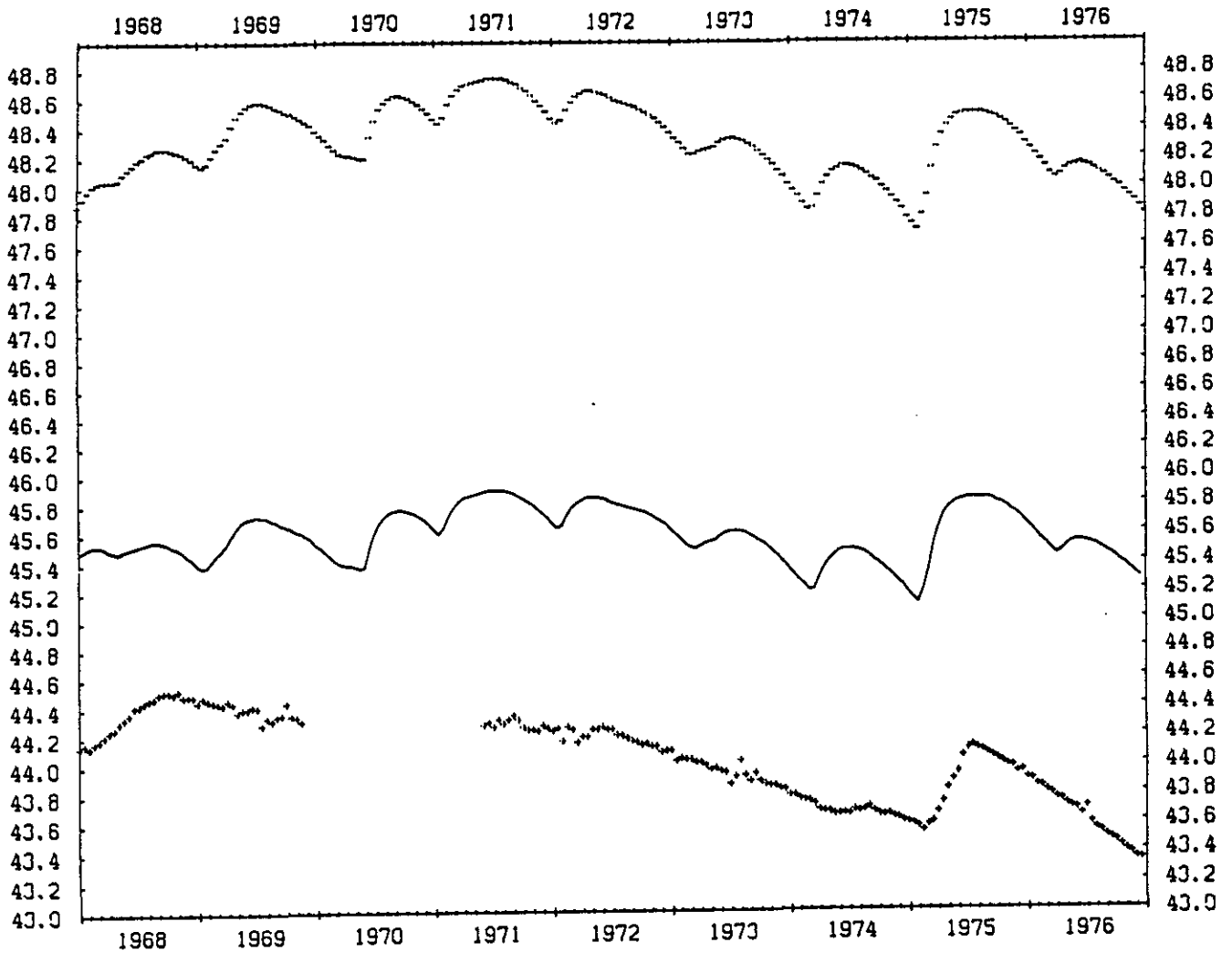
DEKADE NUMMER : 274

POLYGON NUMMER : 161



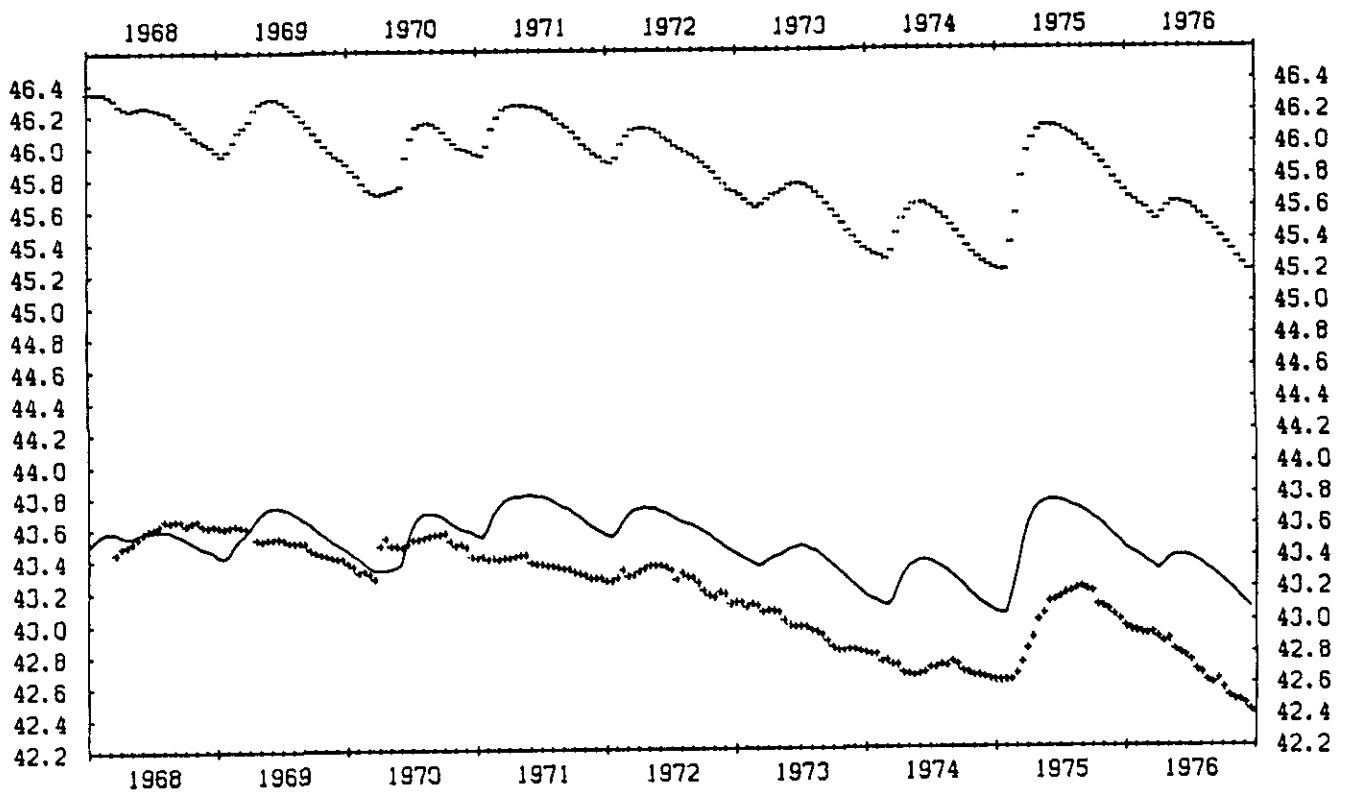
DEKADE NUMMER : 262

POLYGON NUMMER : 165



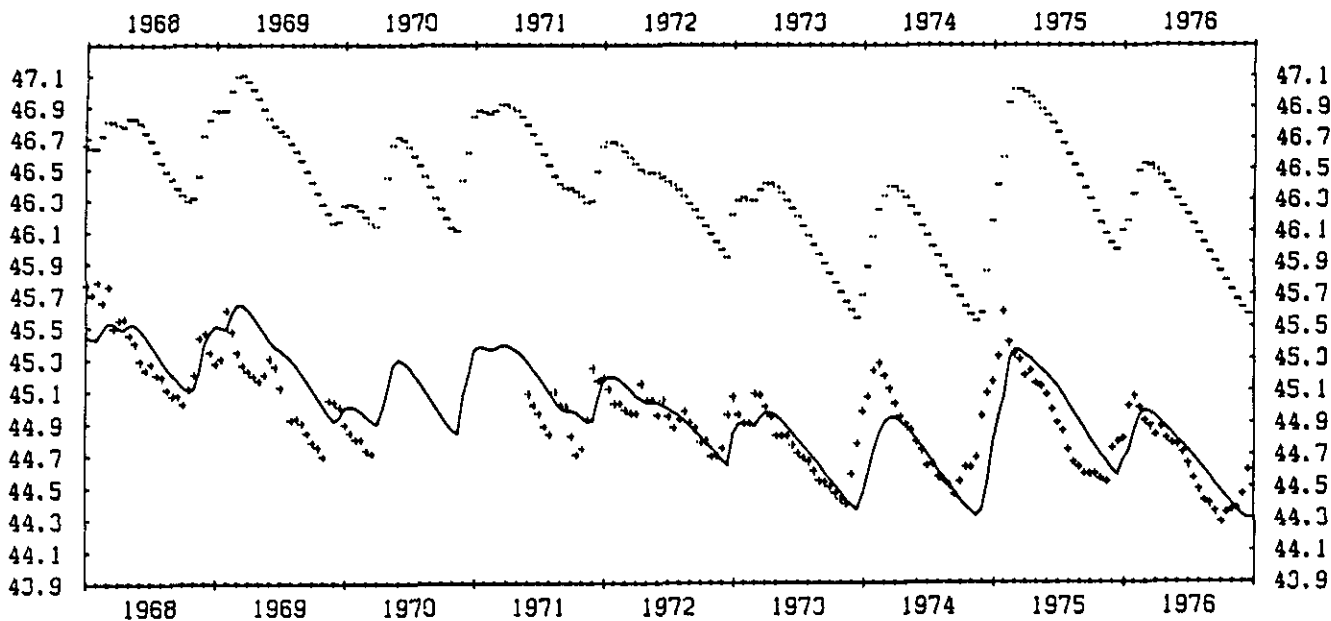
DEKADE NUMMER : 264

POLYGON NUMMER : 186



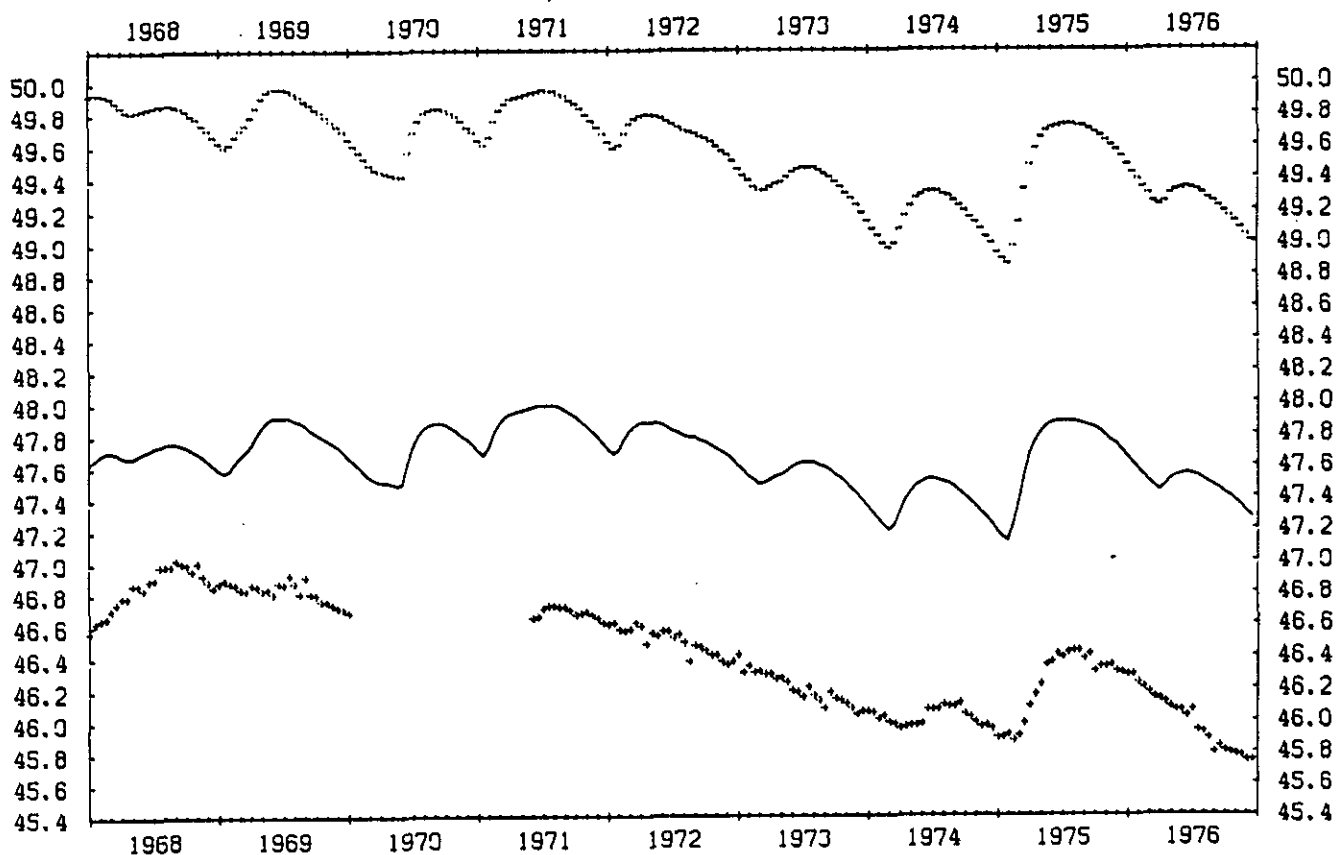
DEKADE NUMMER : 277

POLYGON NUMMER : 201



DEKADE NUMMER : 259

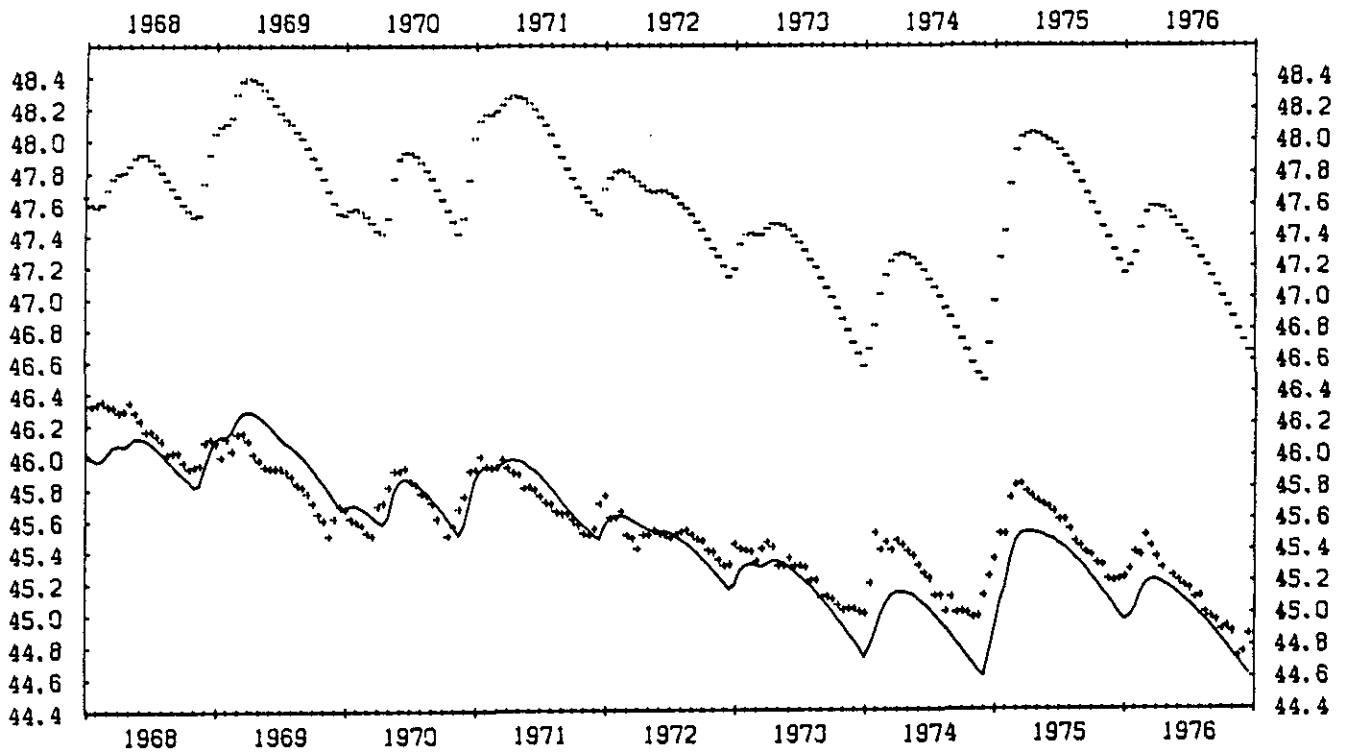
POLYGON NUMMER : 223





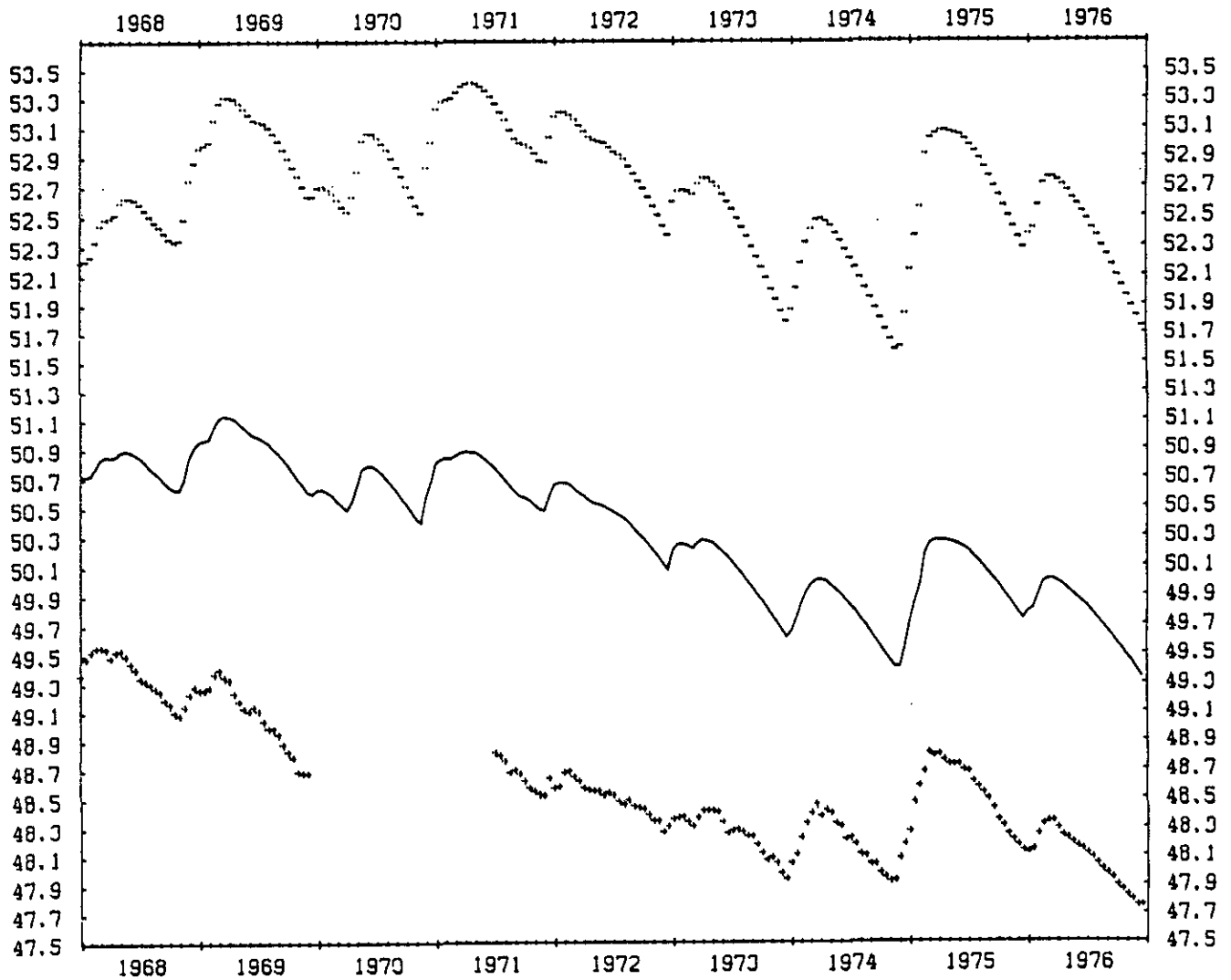
DEKADE NUMMER : 279

POLYGON NUMMER : 239



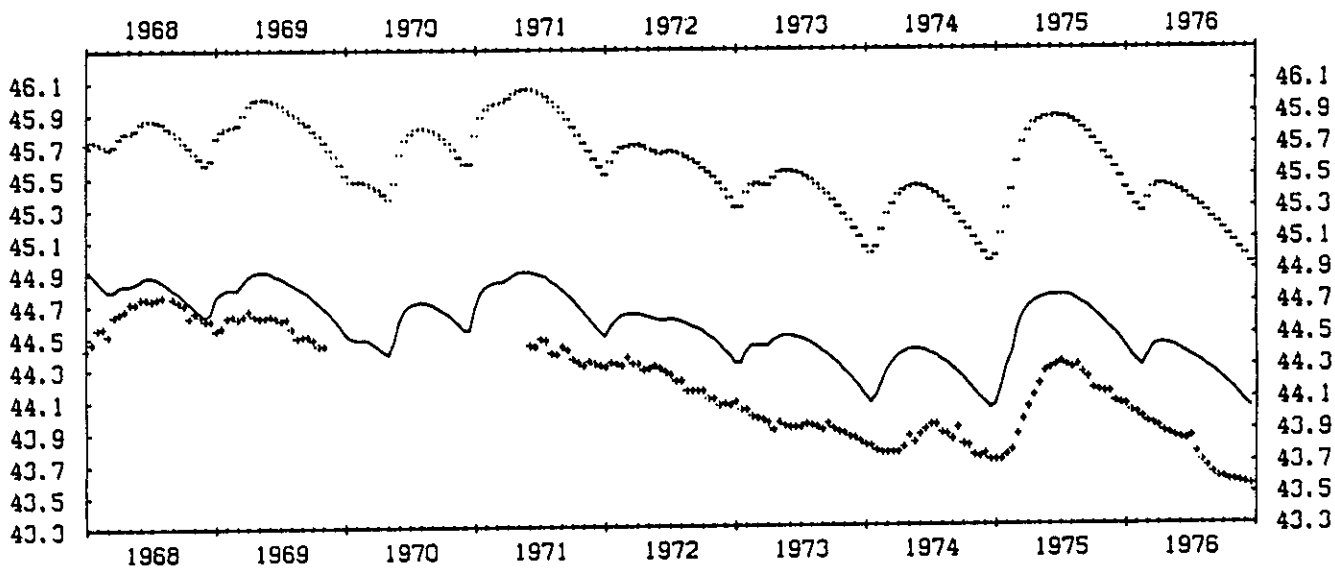
DEKADE NUMMER : 252

POLYGON NUMMER : 241



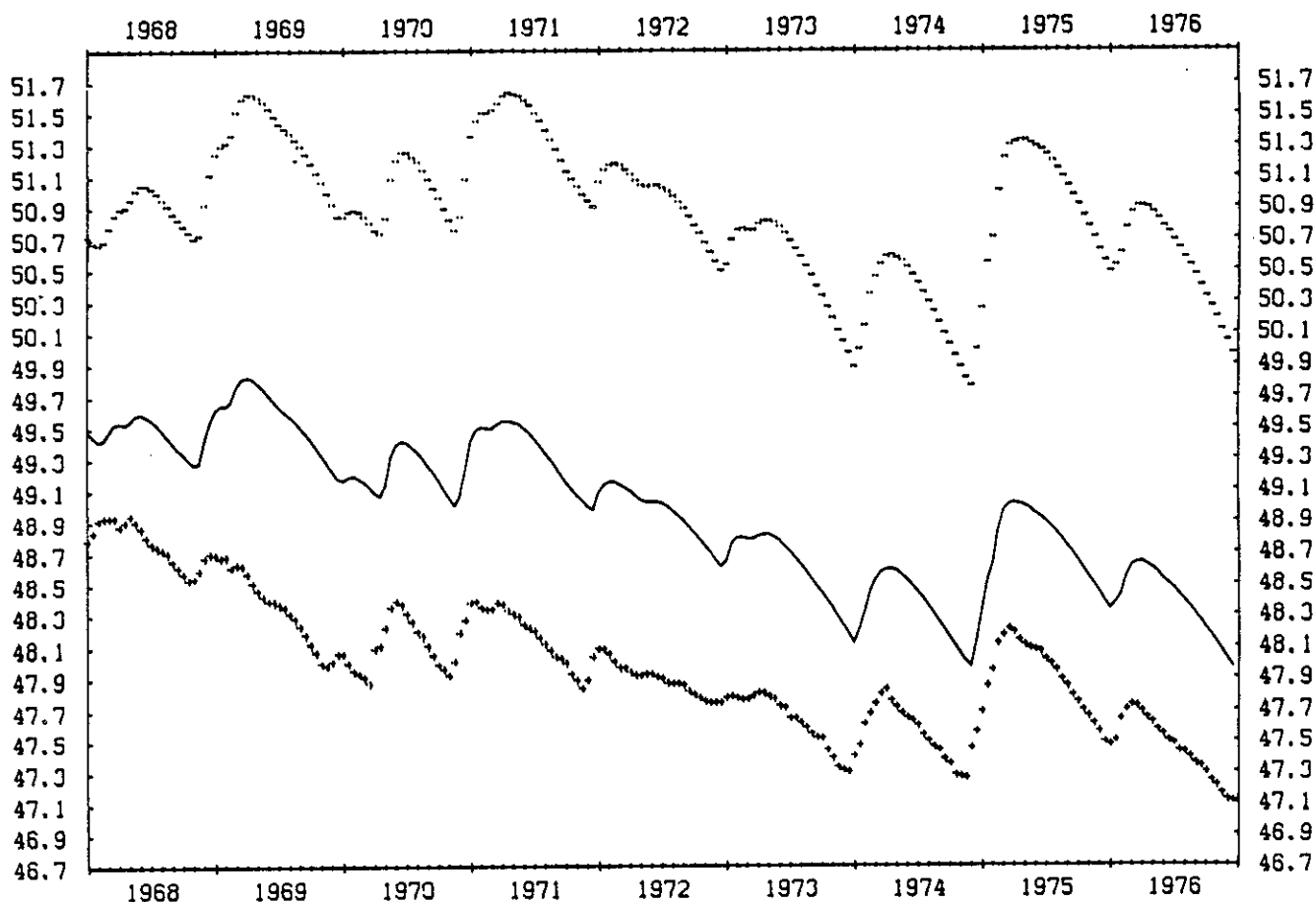
DEKADE NUMMER : 258

POLYGON NUMMER : 246



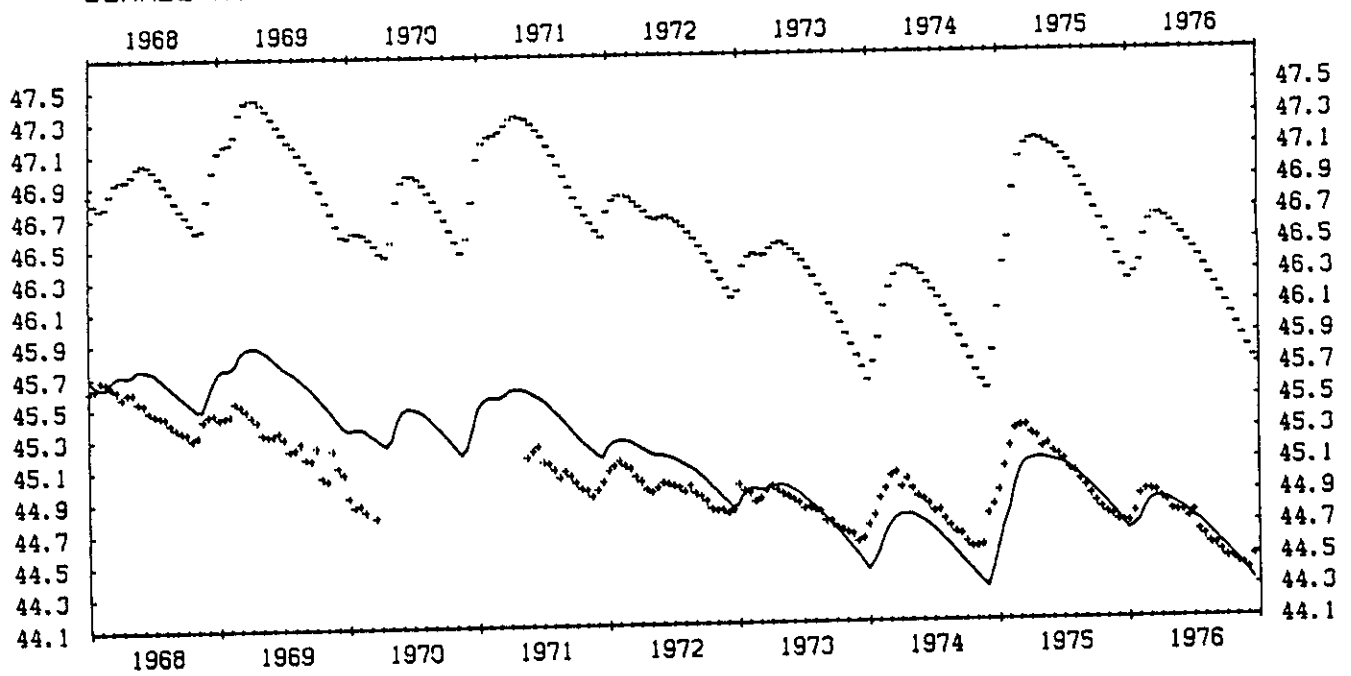
DEKADE NUMMER : 253

POLYGON NUMMER : 259



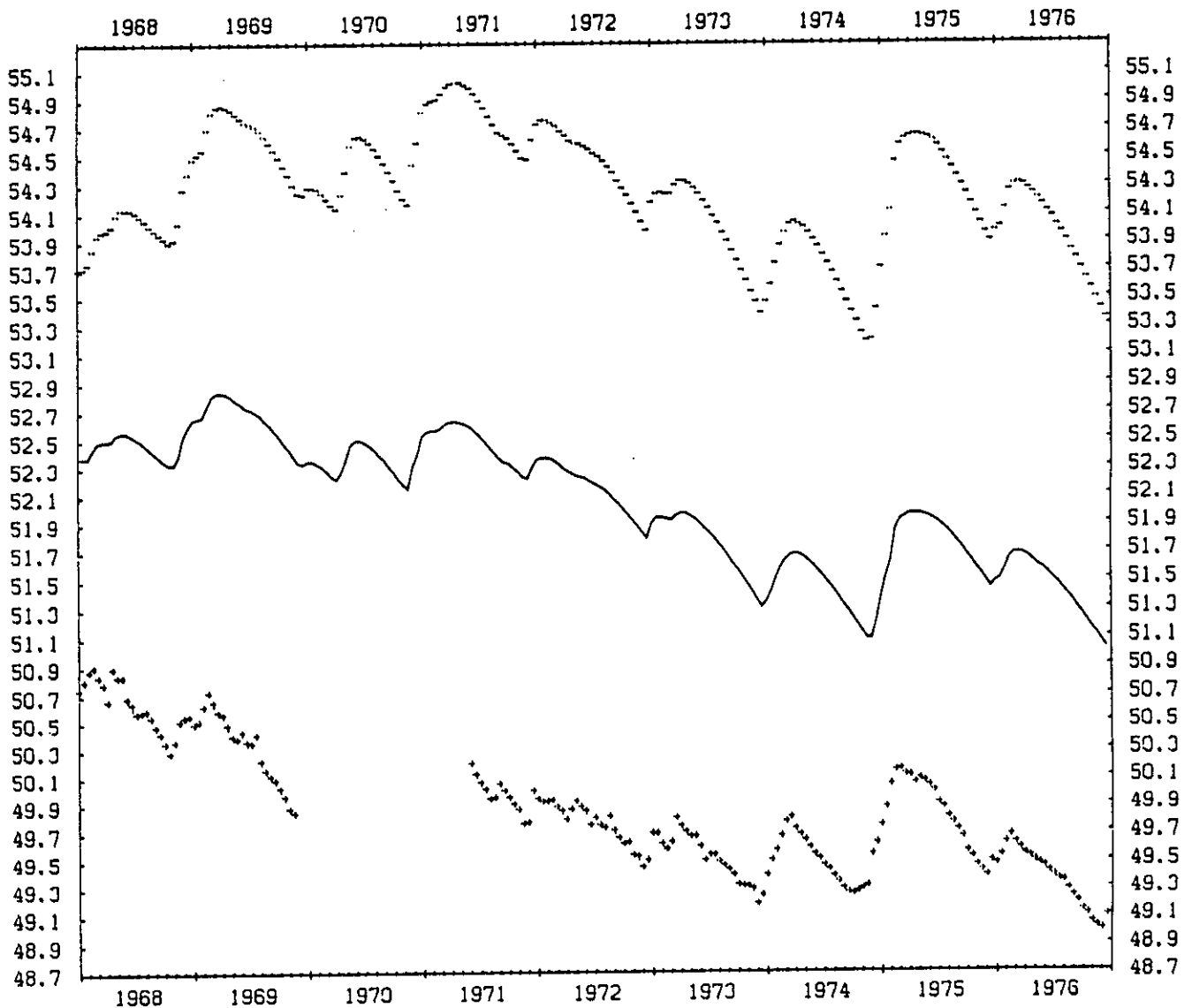
DEKADE NUMMER : 254

POLYGON NUMMER : 258



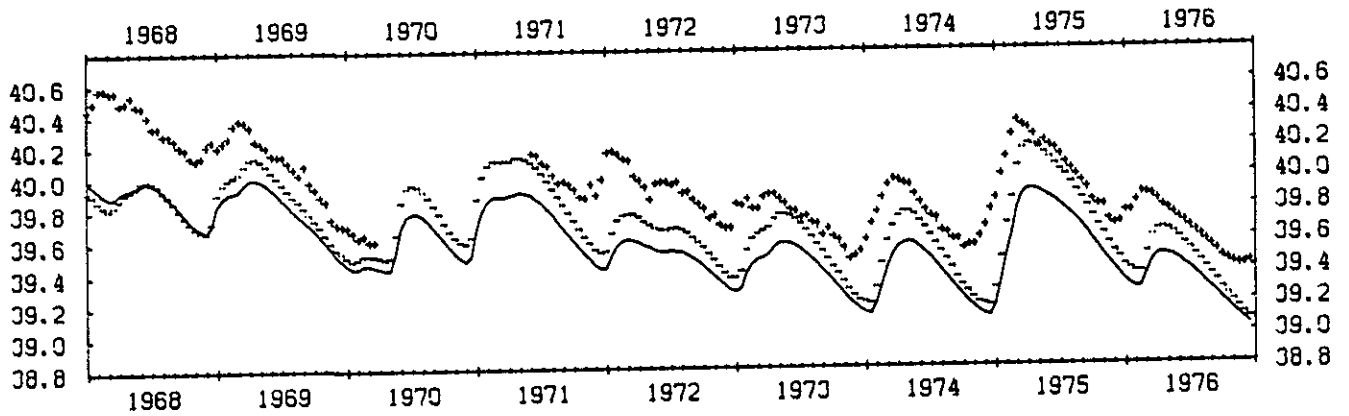
DEKADE NUMMER : 251

POLYGON NUMMER : 262



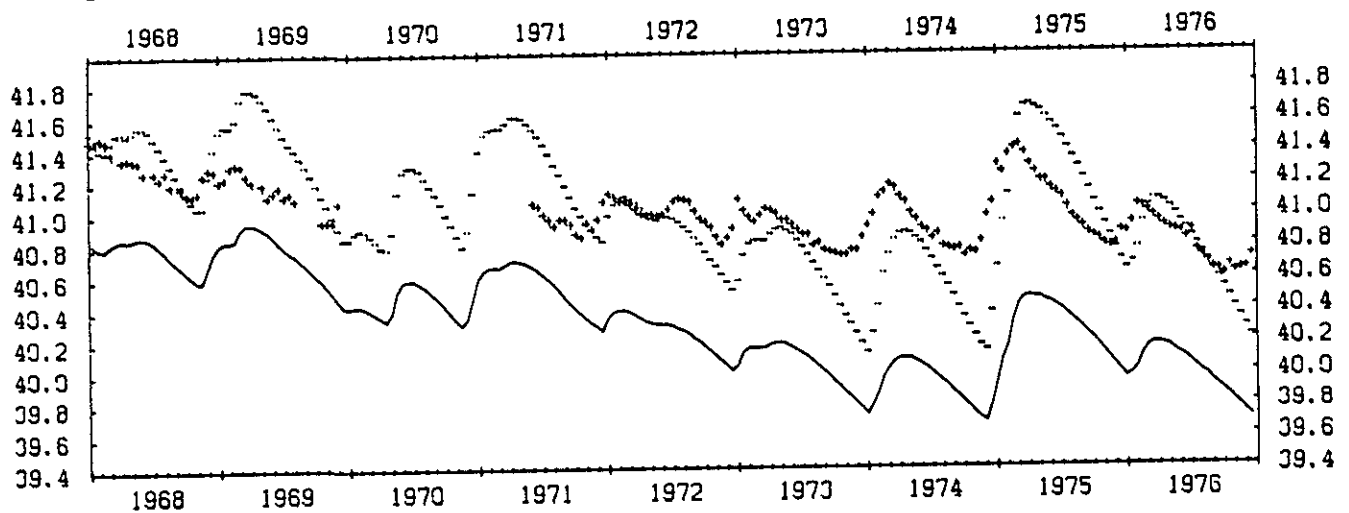
DEKADE NUMMER : 257

POLYGON NUMMER : 269



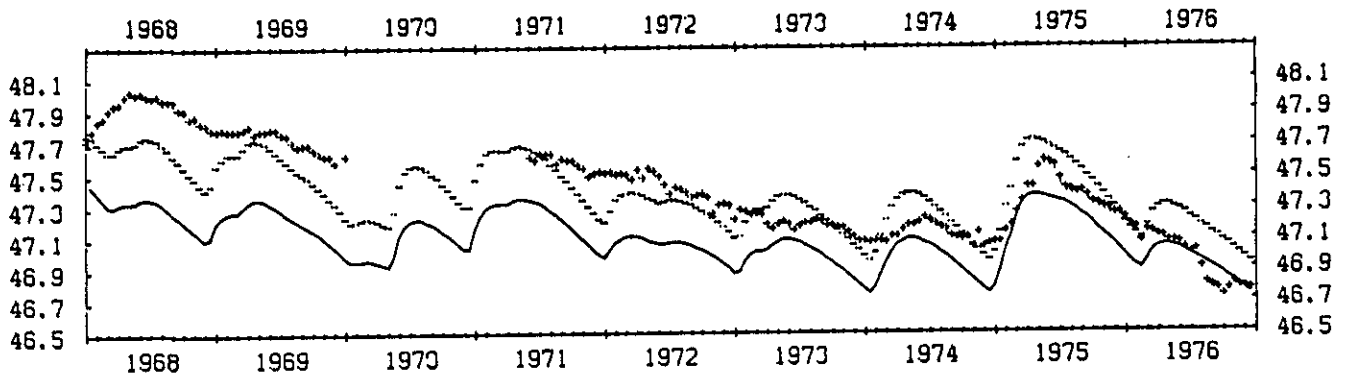
DEKADE NUMMER : 255

POLYGON NUMMER : 276



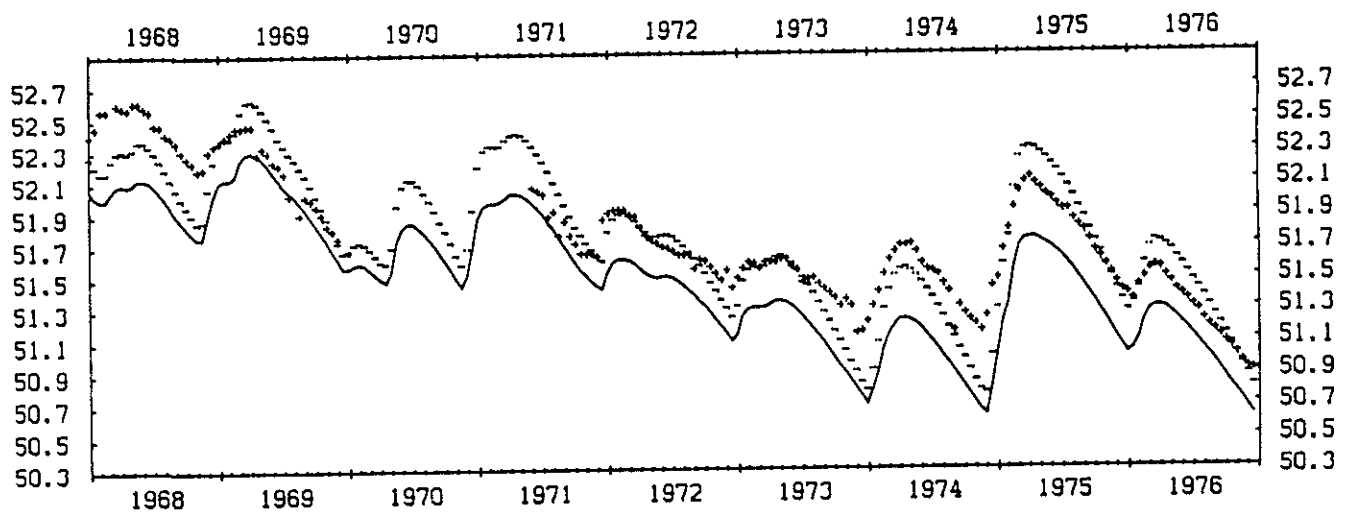
DEKADE NUMMER : 317

POLYGON NUMMER : 281



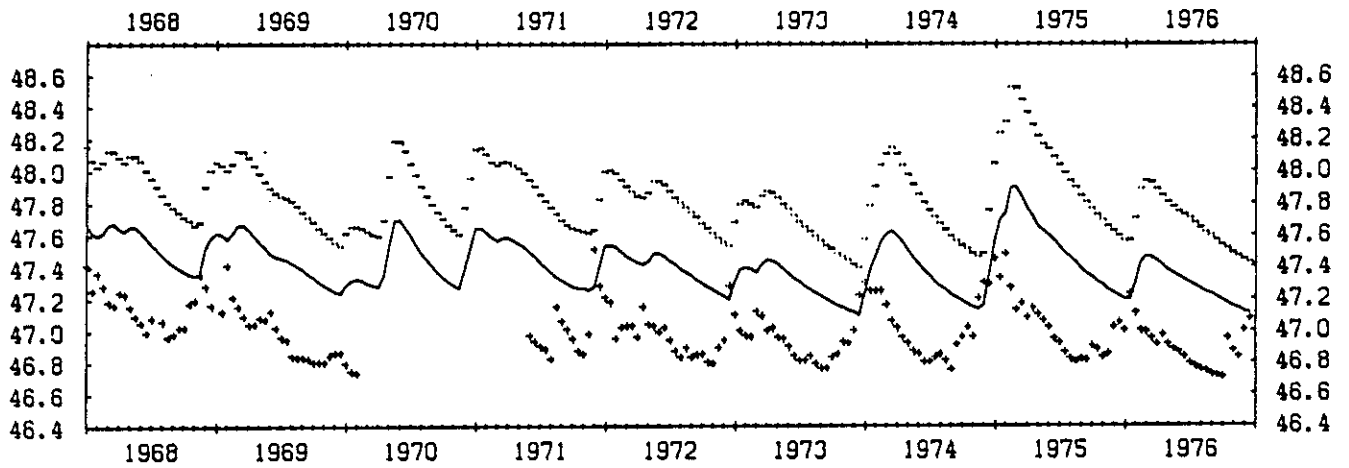
DEKADE NUMMER : 245

POLYGON NUMMER : 325



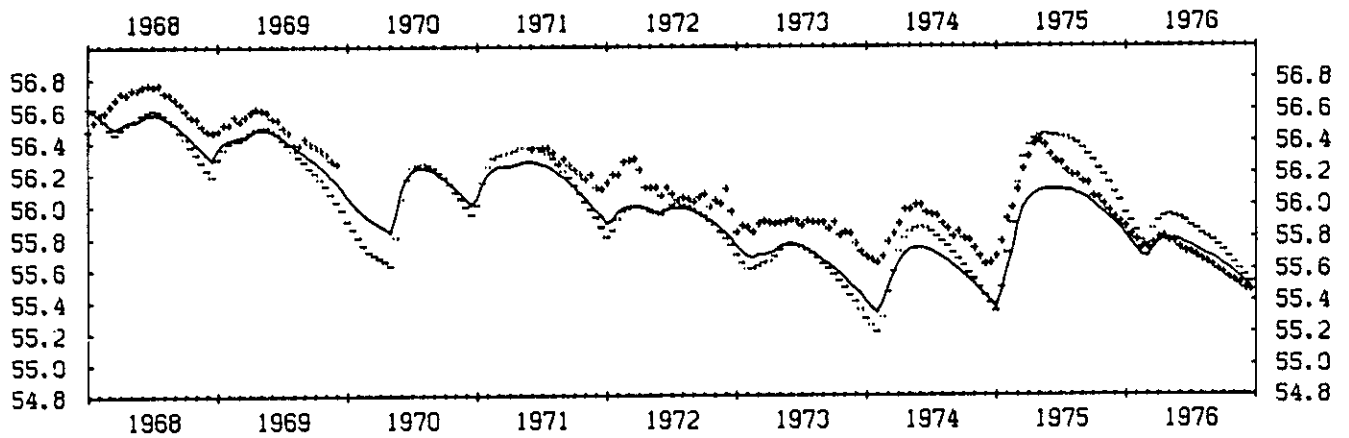
DEKADE NUMMER : 243

POLYGON NUMMER : 337



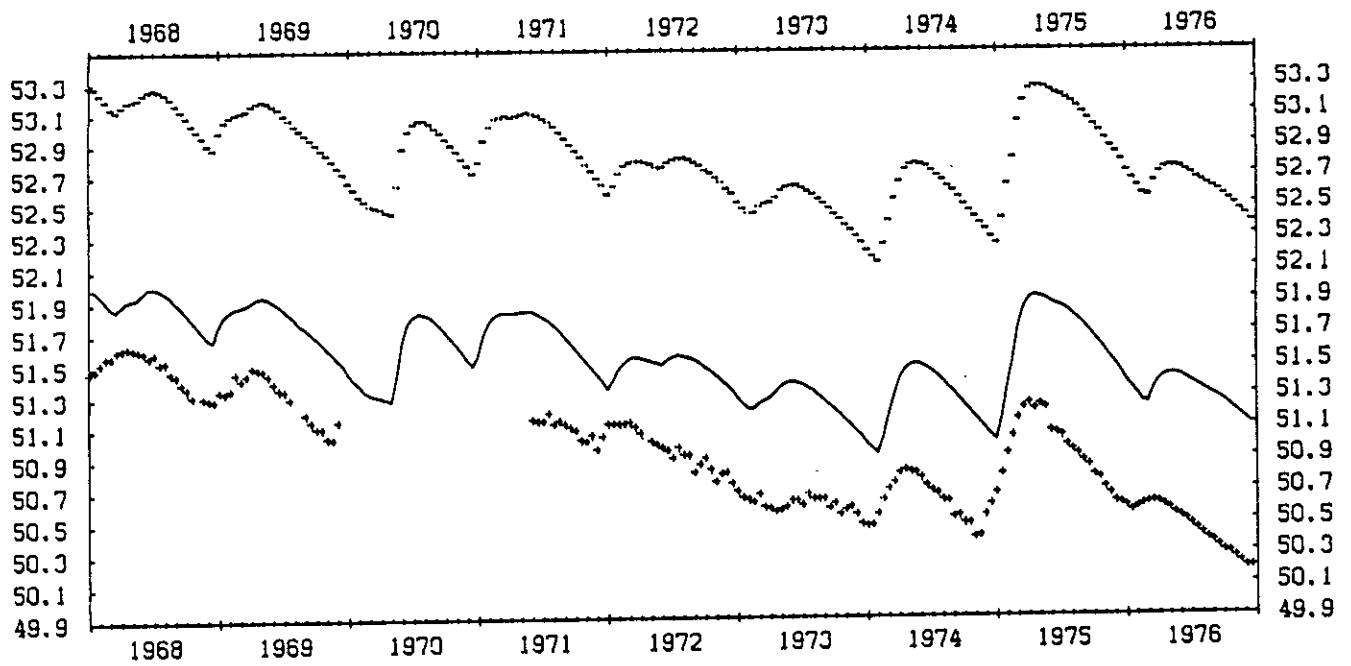
DEKADE NUMMER : 237

POLYGON NUMMER : 341



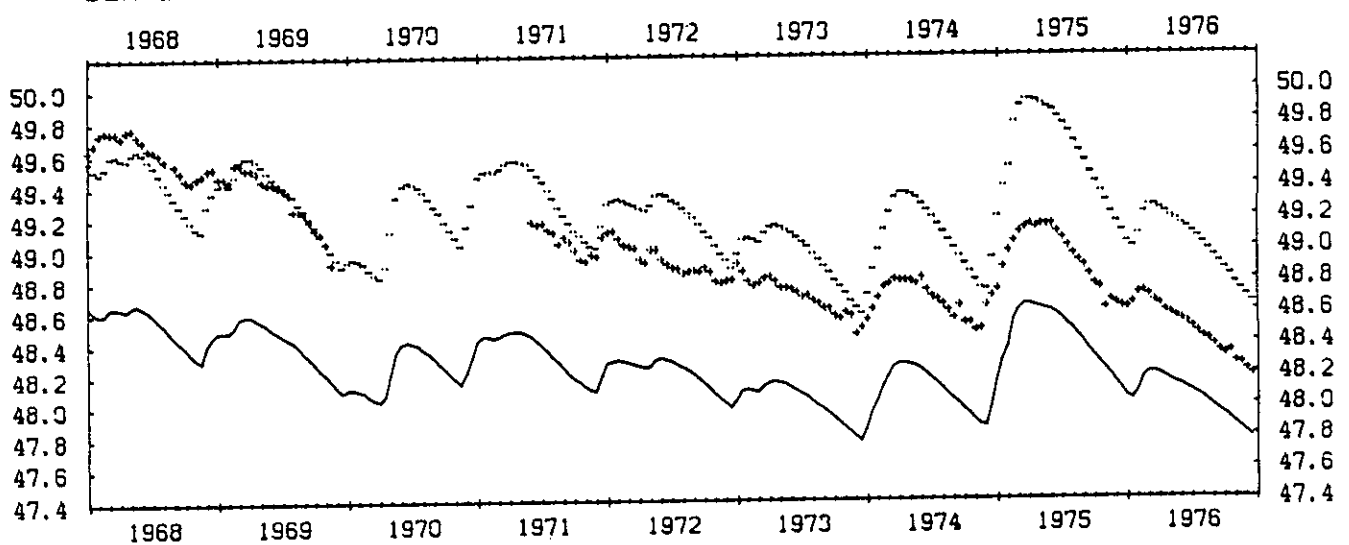
DEKADE NUMBER : 238

POLYGON NUMBER : 342



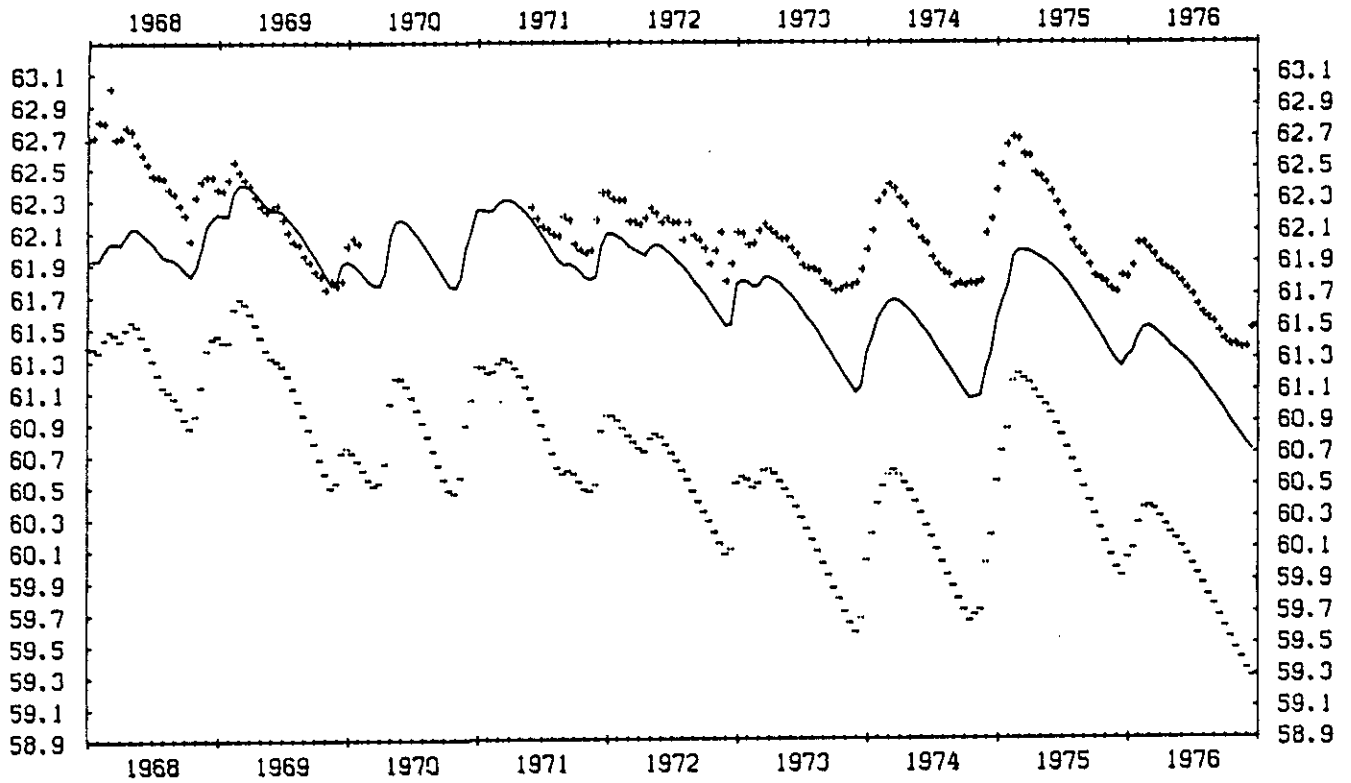
DEKADE NUMBER : 242

POLYGON NUMBER : 345



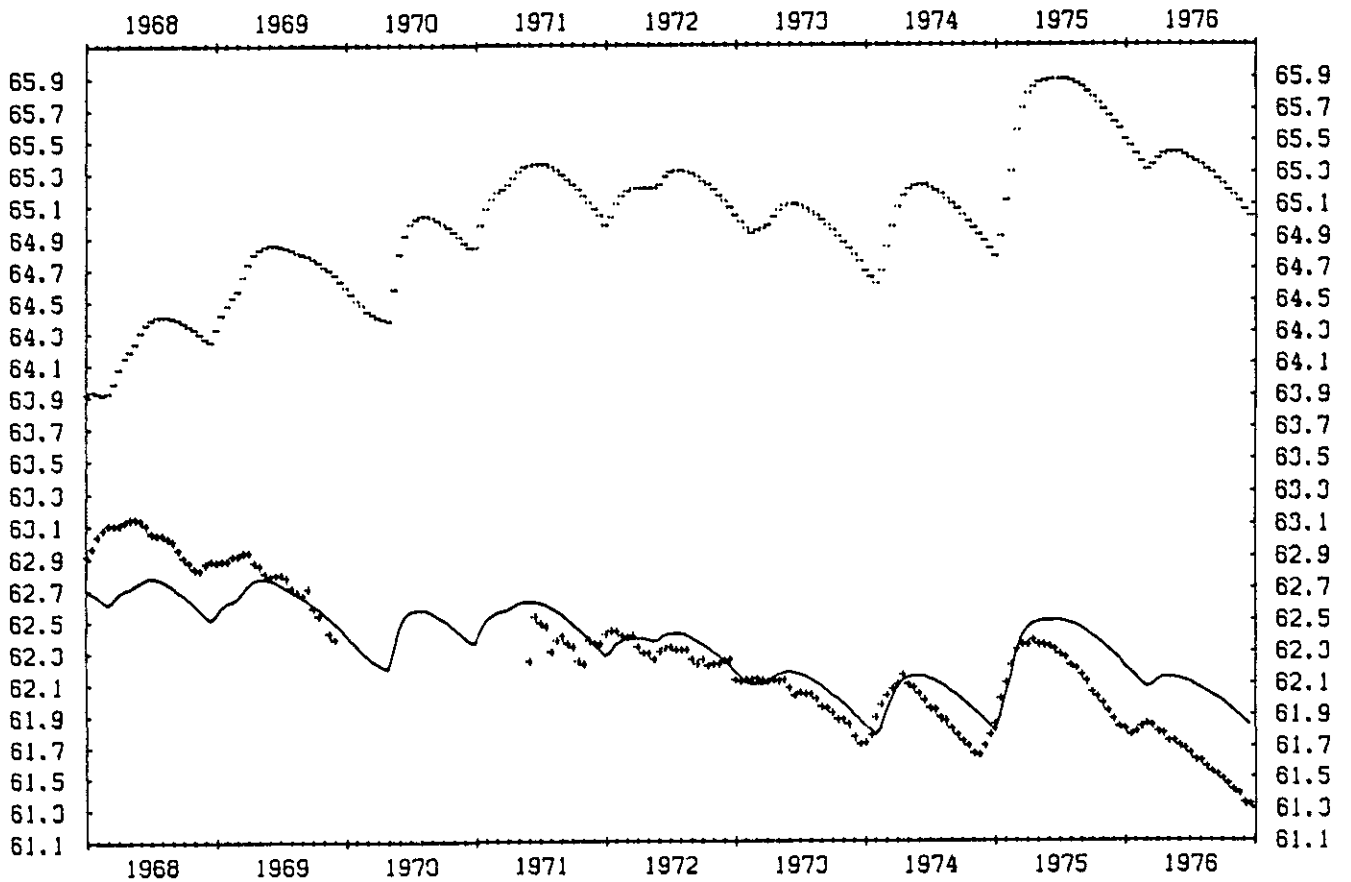
DEKADE NUMMER : 217

POLYGON NUMMER : 367



DEKADE NUMMER : 223

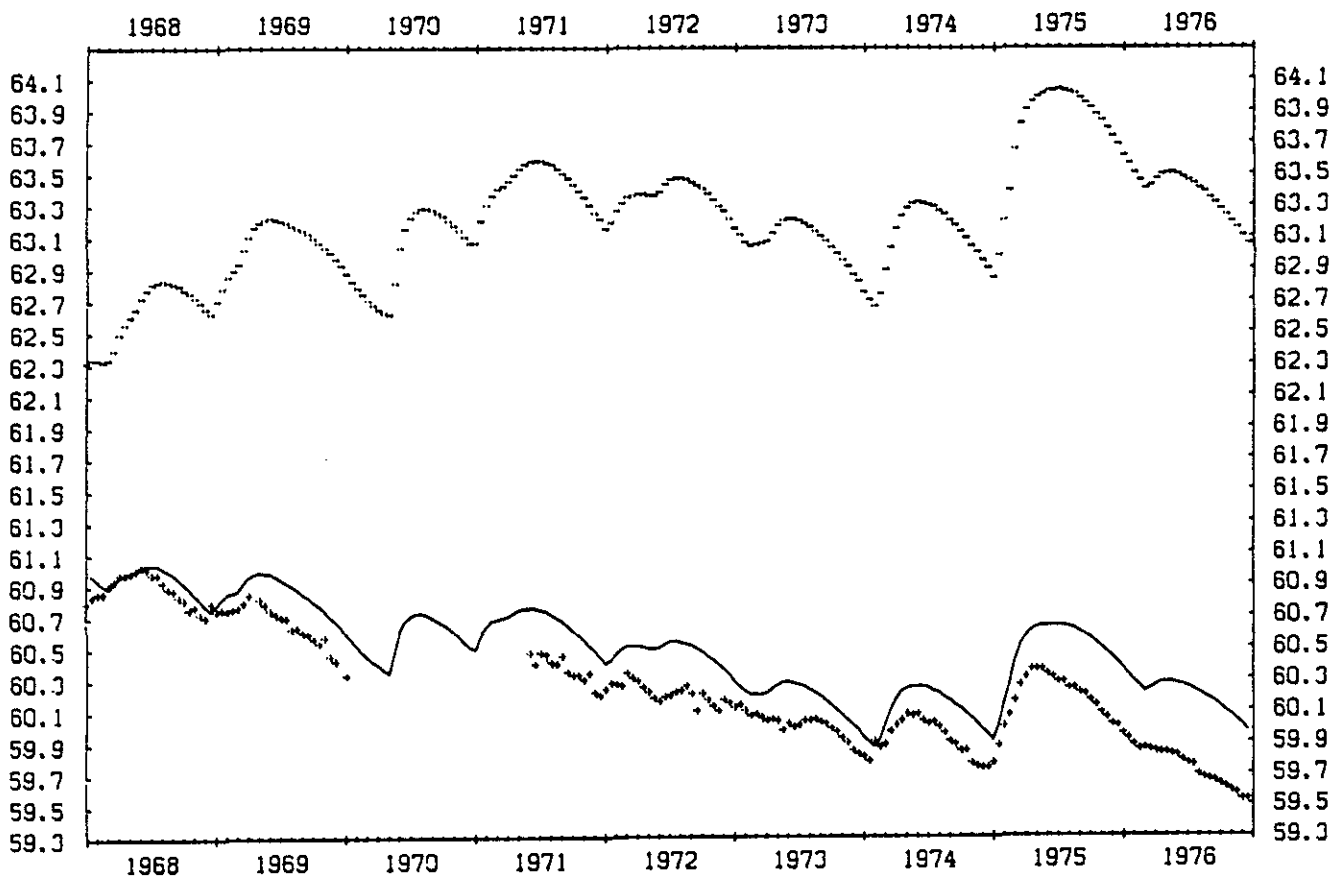
POLYGON NUMMER : 369





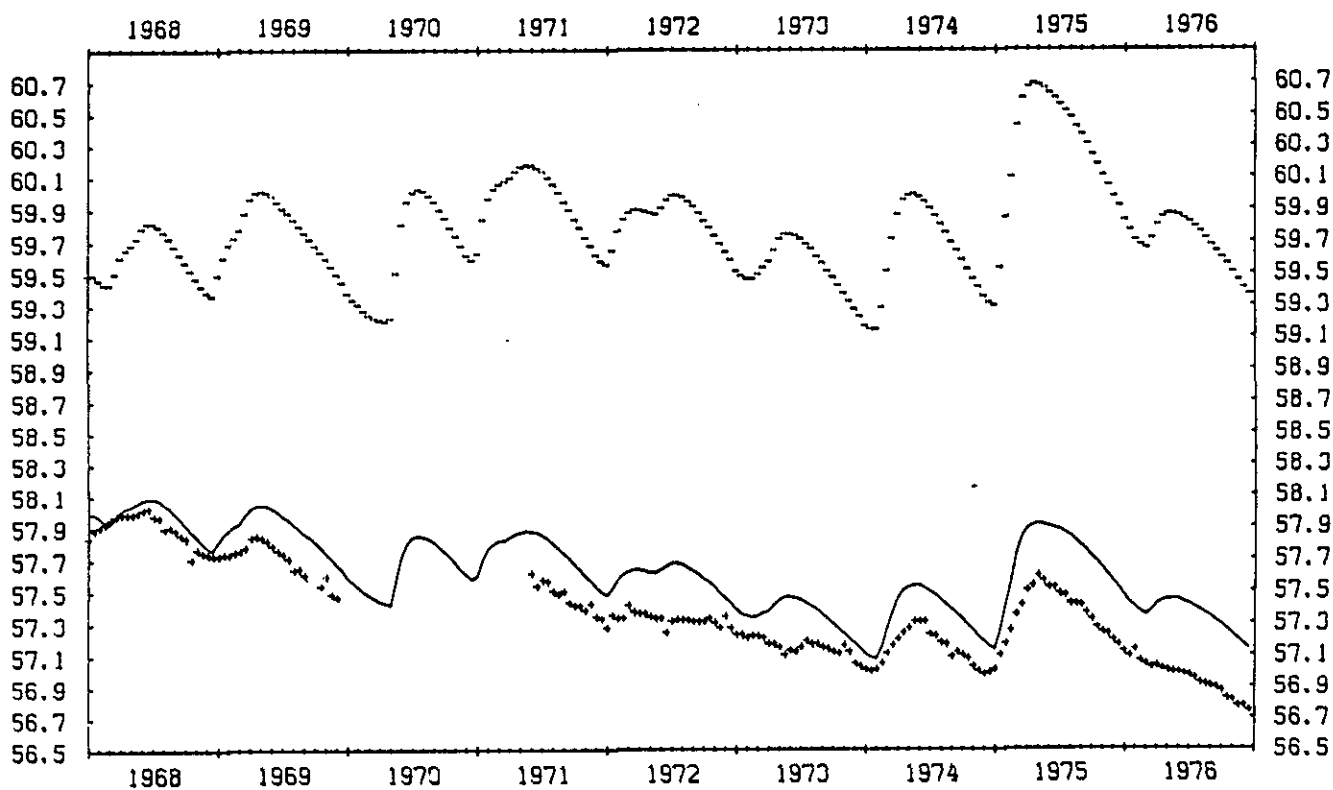
DEKADE NUMMER : 220

POLYGON NUMMER : 371



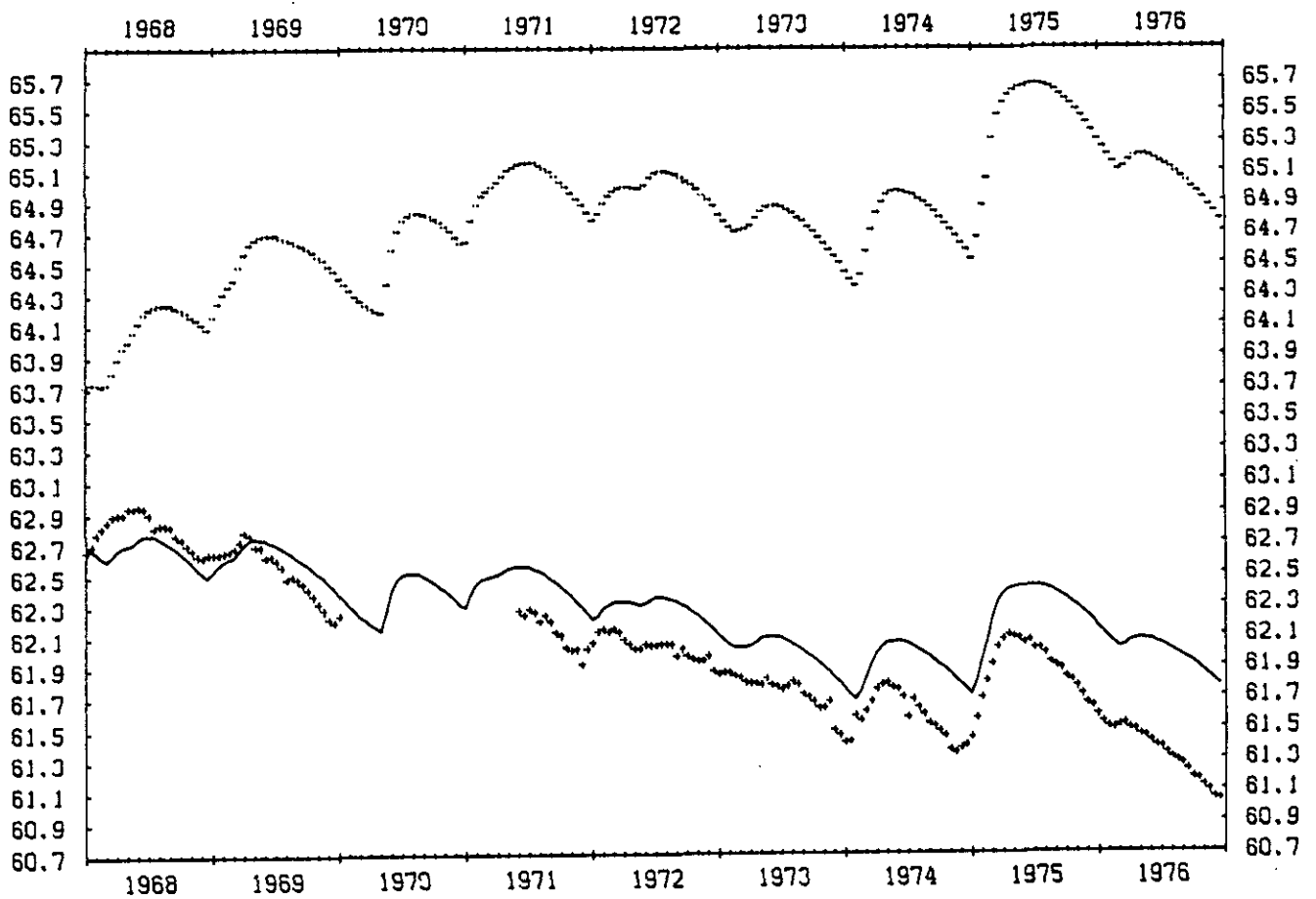
DEKADE NUMMER : 219

POLYGON NUMMER : 372



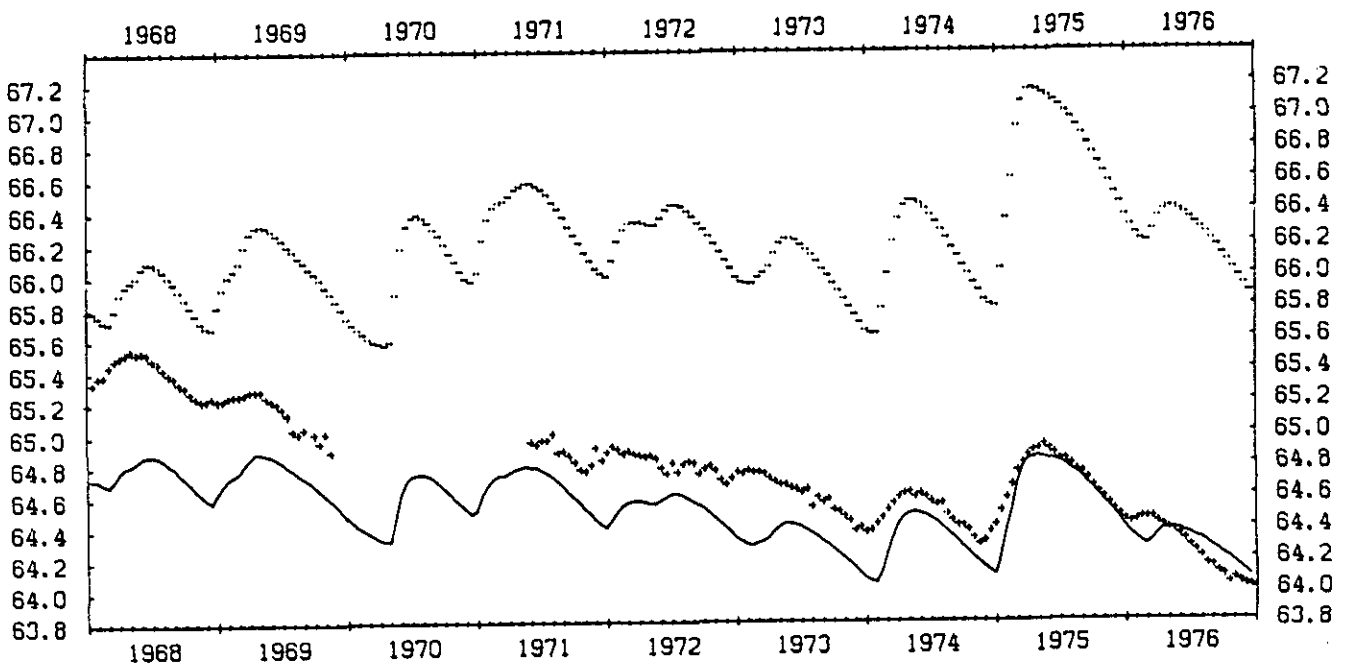
DEKADE NUMMER : 222

POLYGON NUMMER : 378



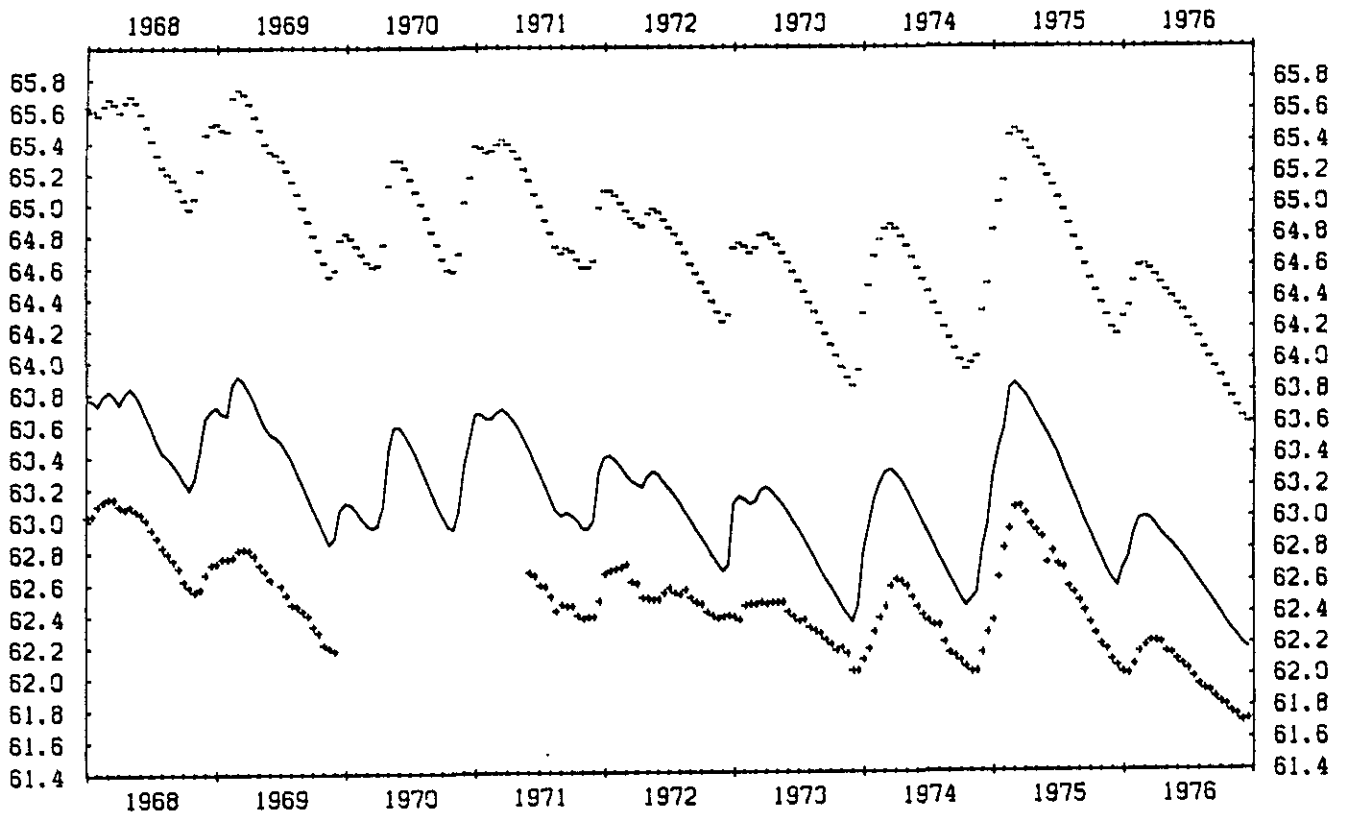
DEKADE NUMMER : 214

POLYGON NUMMER : 395



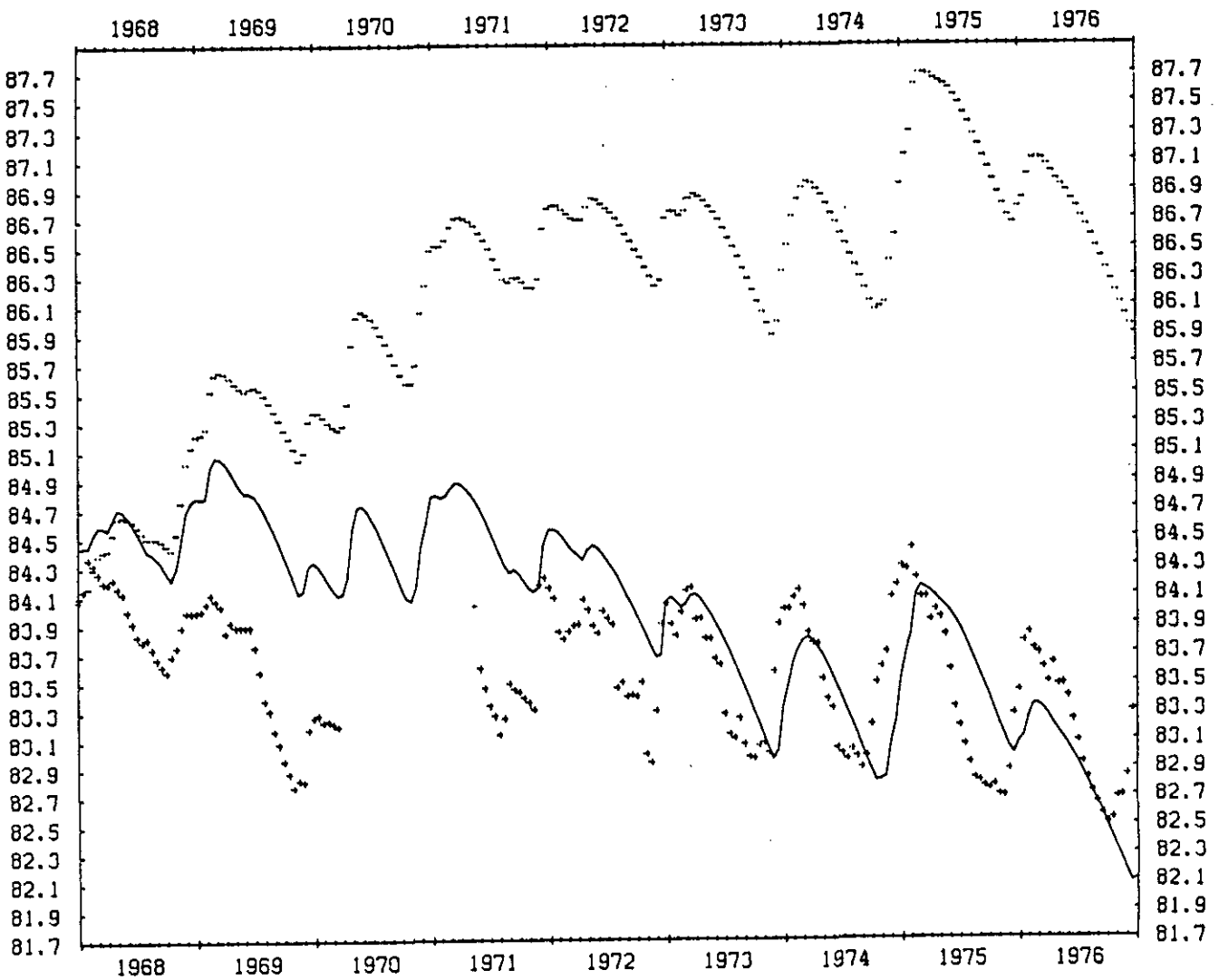
DEKADE NUMMER : 216

POLYGON NUMMER : 400



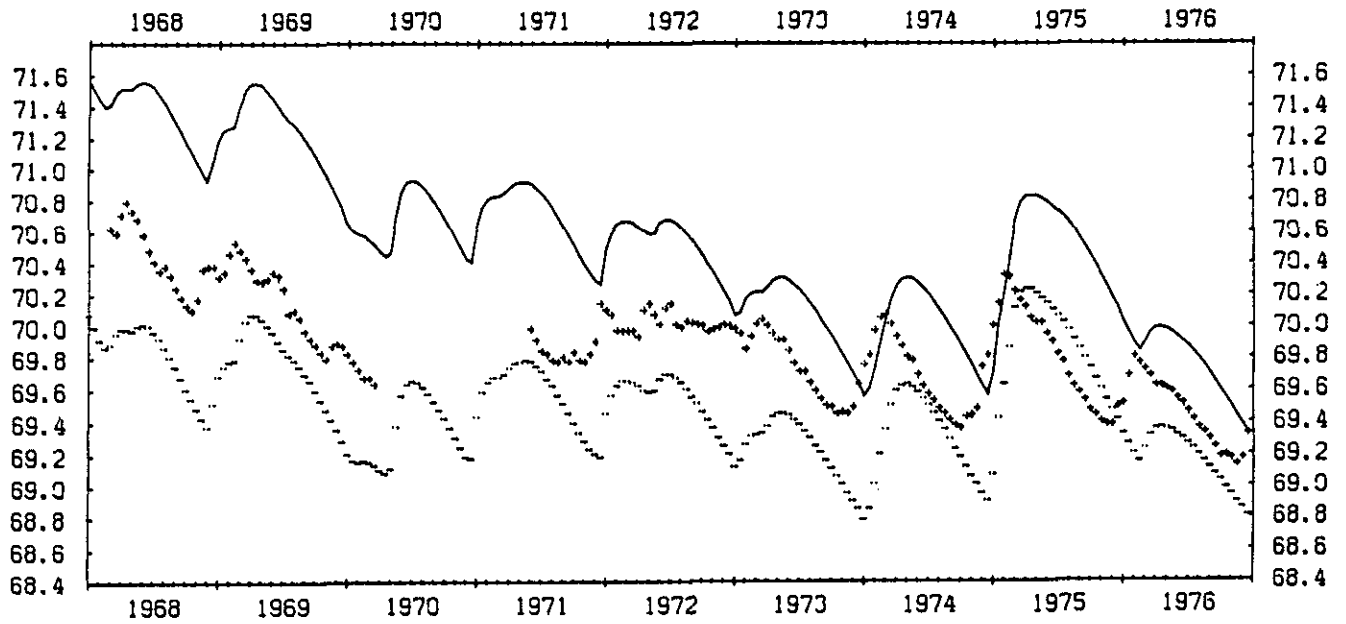
DEKADE NUMMER : 231

POLYGON NUMMER : 402



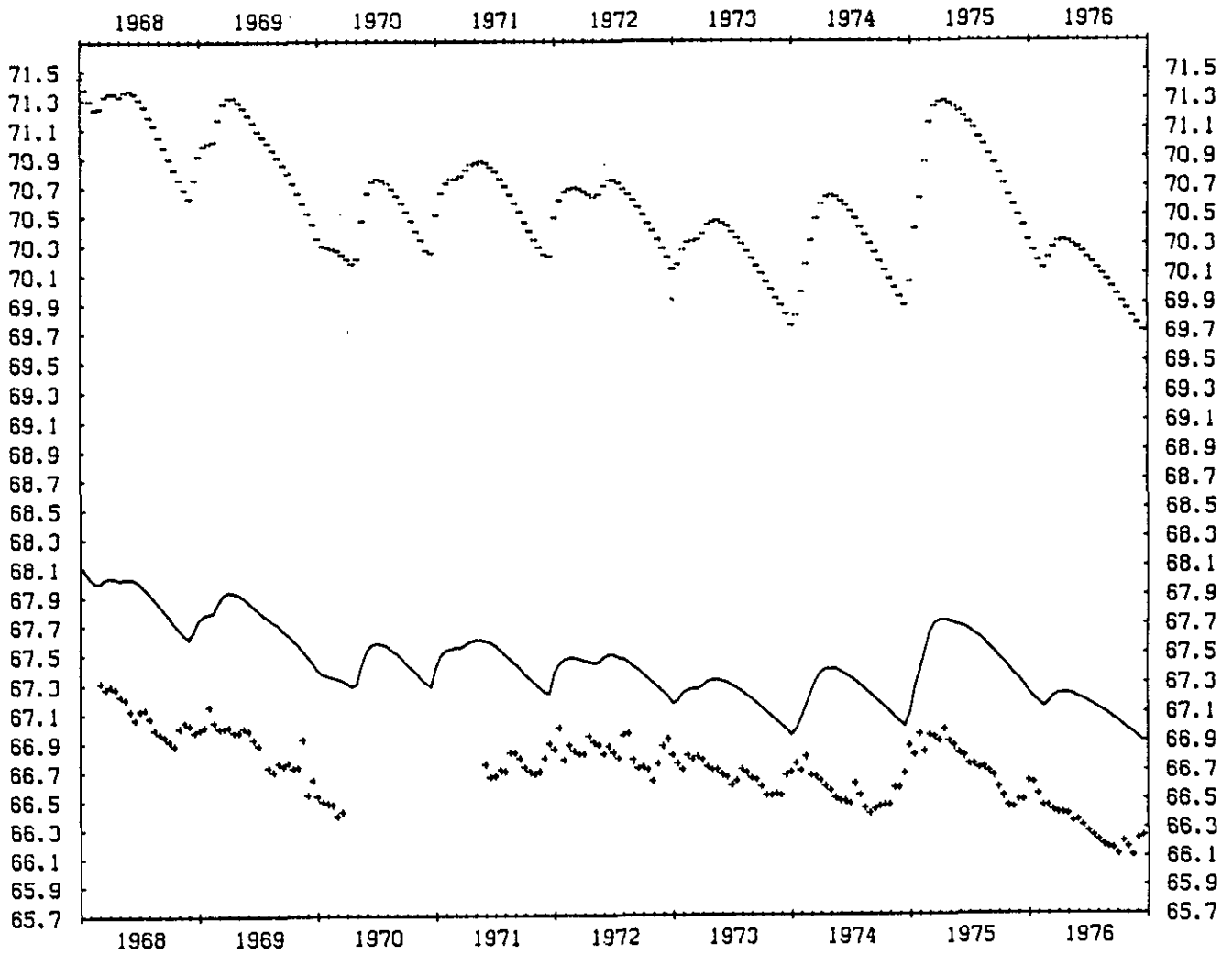
DEKADE NUMMER : 210

POLYGON NUMMER : 415



DEKADE NUMMER : 209

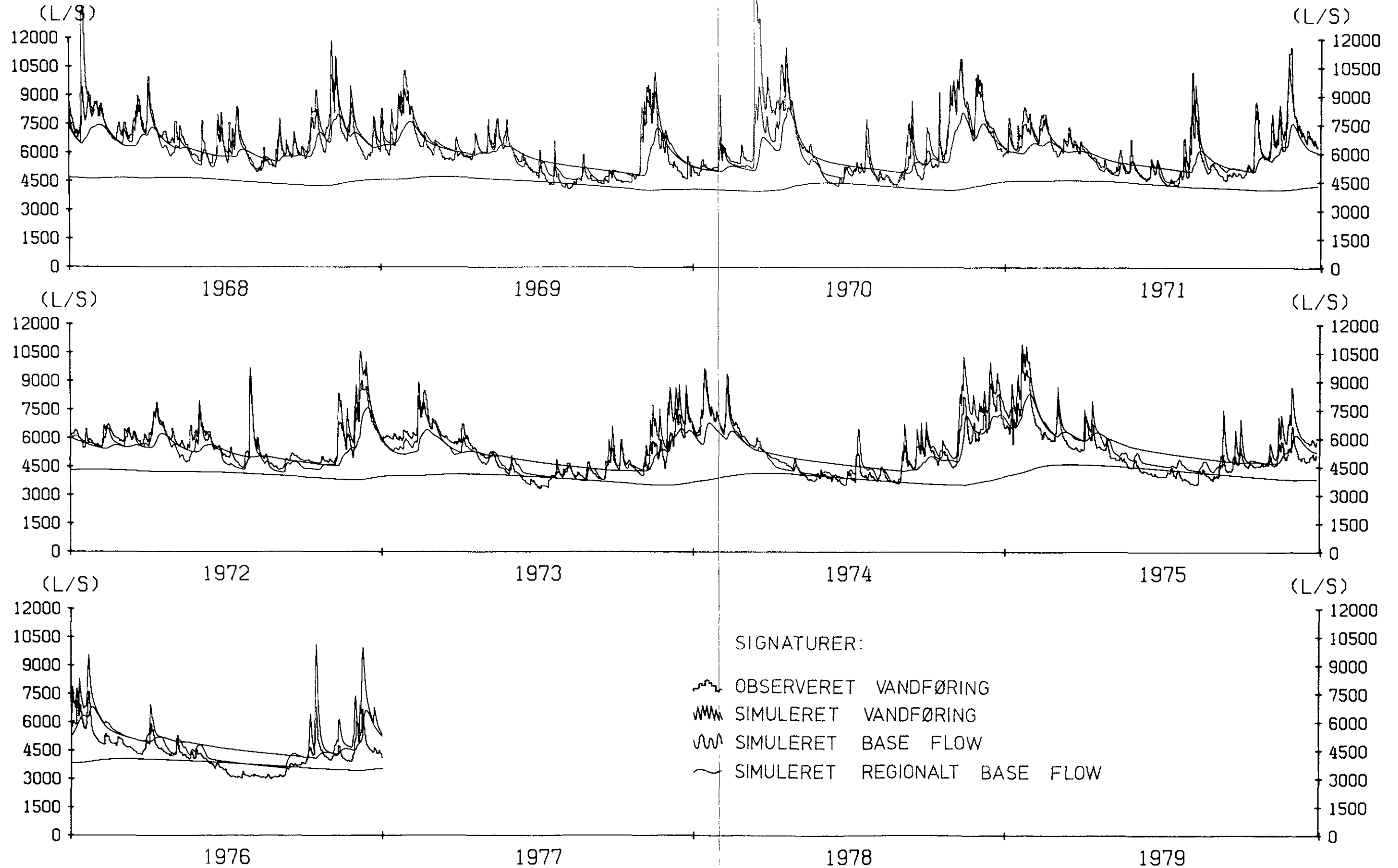
POLYGON NUMMER : 424



# ST. 11 KARUP AA, HAGEBRØ

VANDFØRING

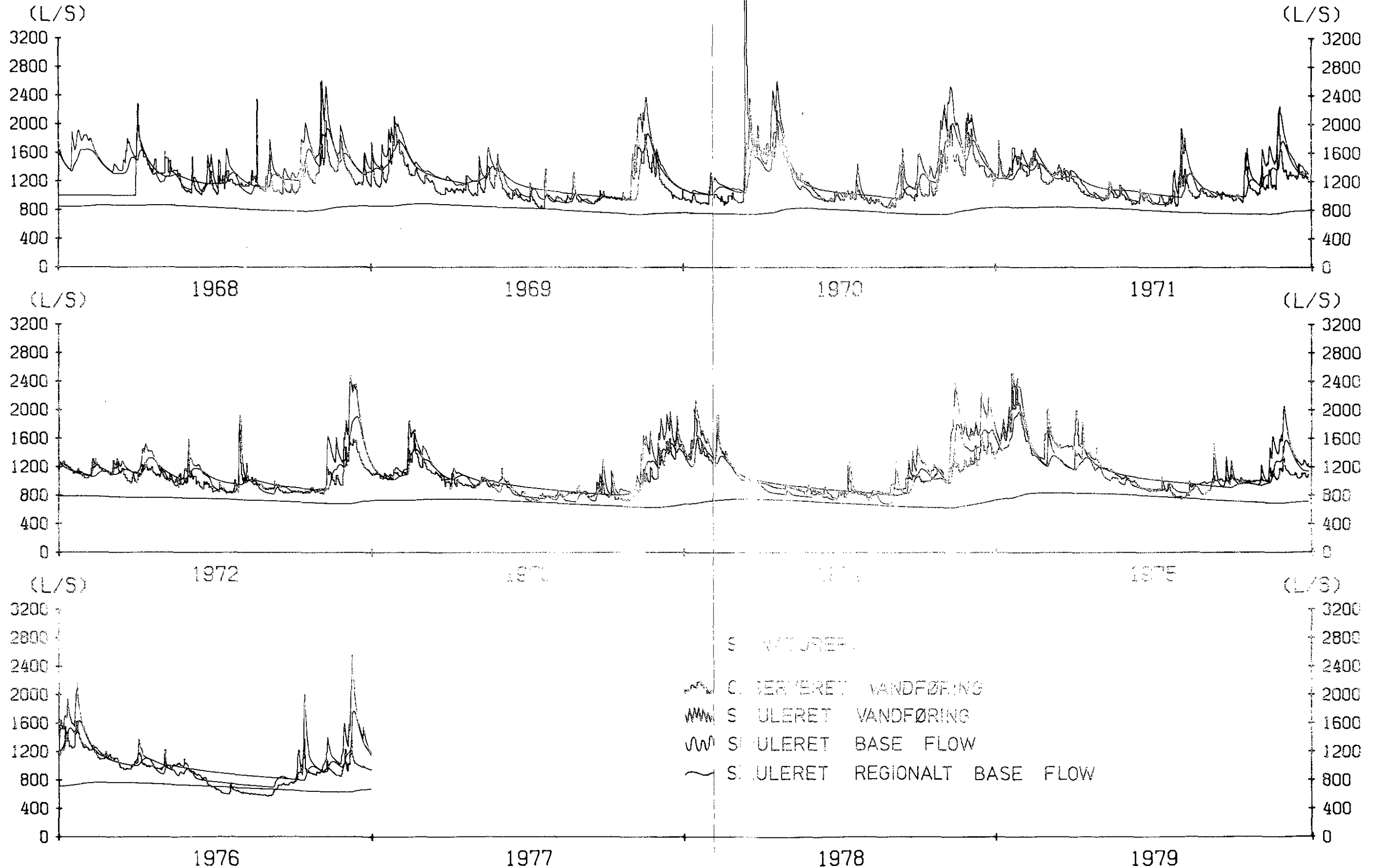
VANDFØRING



# ST. 10 HADERUP AA, HADERUP

VANDFØRING

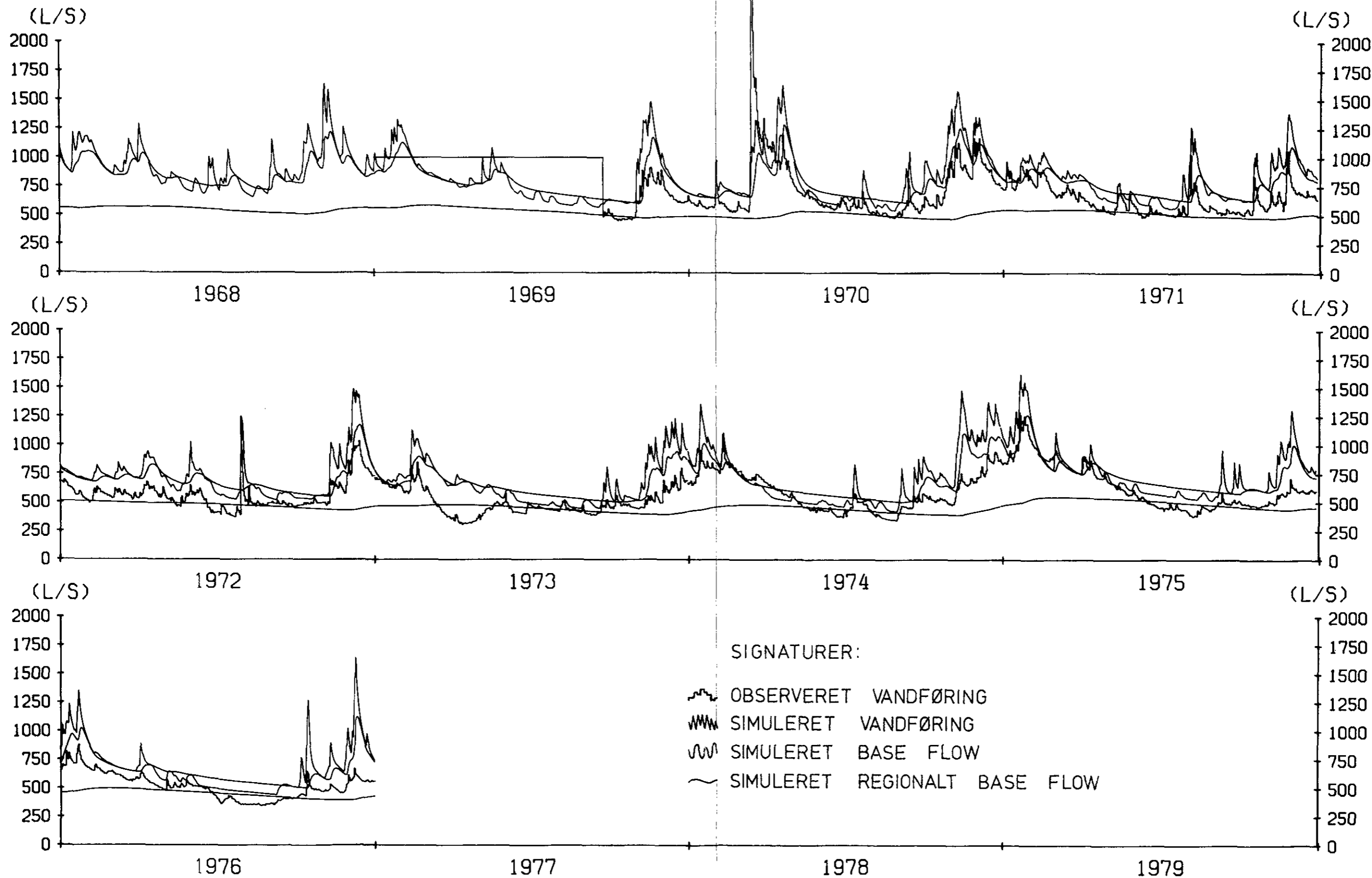
VANDFØRING



# ST. 9 STAULUND BÆK, STAULUND

VANDFØRING

VANDFØRING



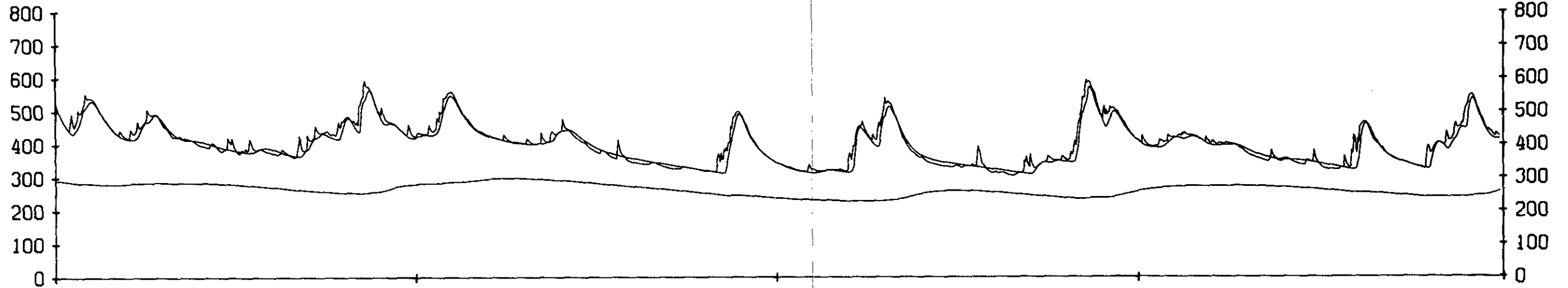
# ST. 8 SEJBAEK

VANDFØRING

VANDFØRING

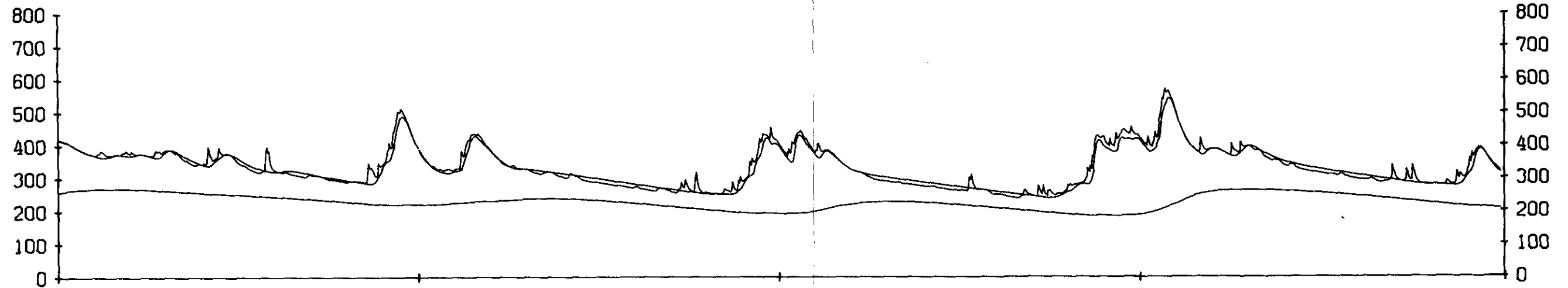
(L/S)

(L/S)



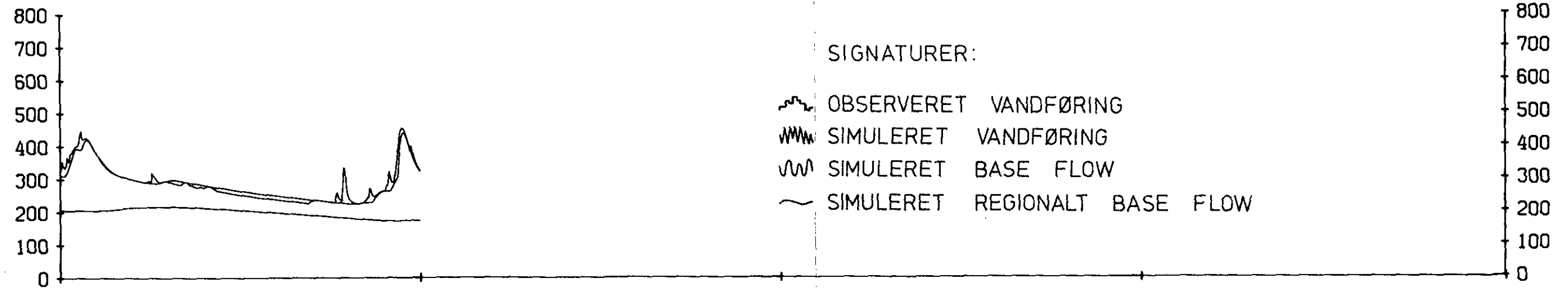
(L/S)

(L/S)







(L/S)

(L/S)



SIGNATURER:

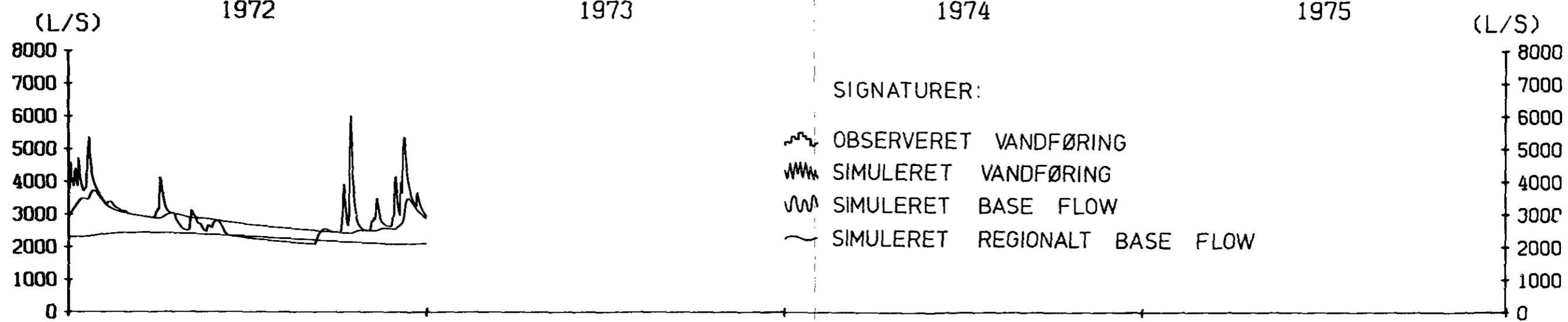
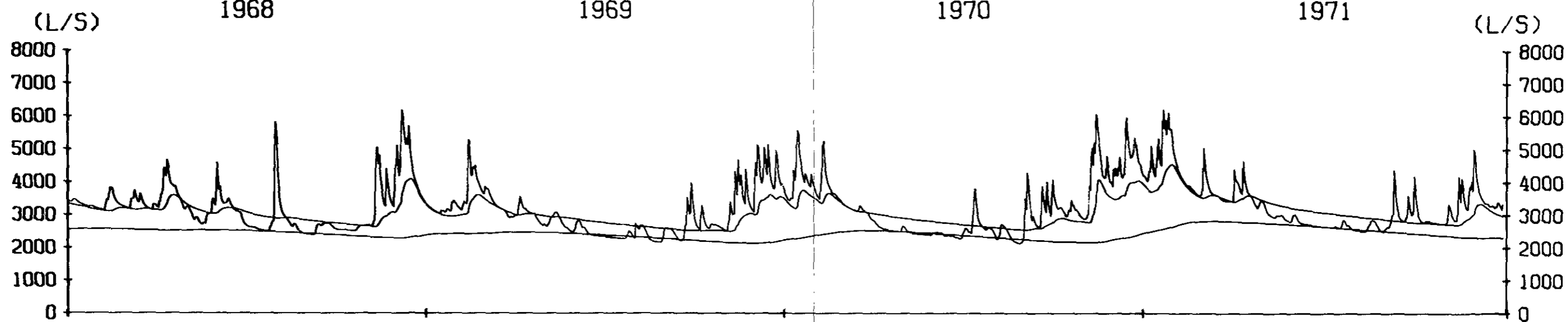
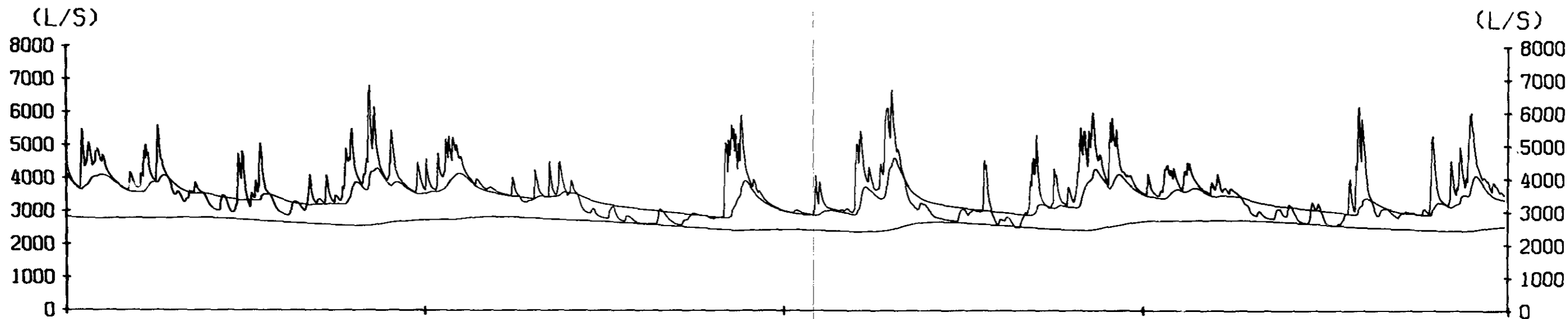
-  OBSERVERET VANDFØRING
-  SIMULERET VANDFØRING
-  SIMULERET BASE FLOW
-  SIMULERET REGIONALT BASE FLOW



# ST. 7 KARUP AA, RABIS

VANDFØRING

VANDFØRING



SIGNATURER:

- OBSERVERET VANDFØRING
- ~ SIMULERET VANDFØRING
- ~ SIMULERET BASE FLOW
- SIMULERET REGIONALT BASE FLOW

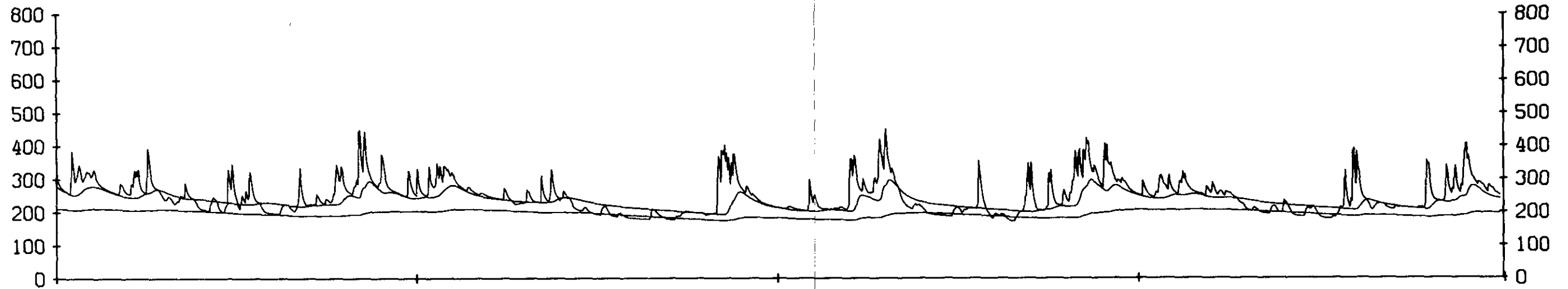
# ST. 6 RABIS BÆK

VANDFØRING

VANDFØRING

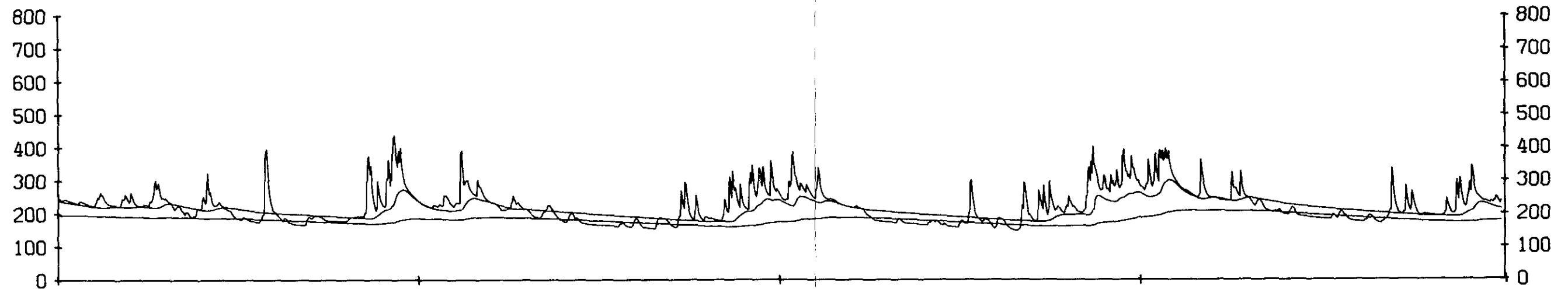
(L/S)

(L/S)



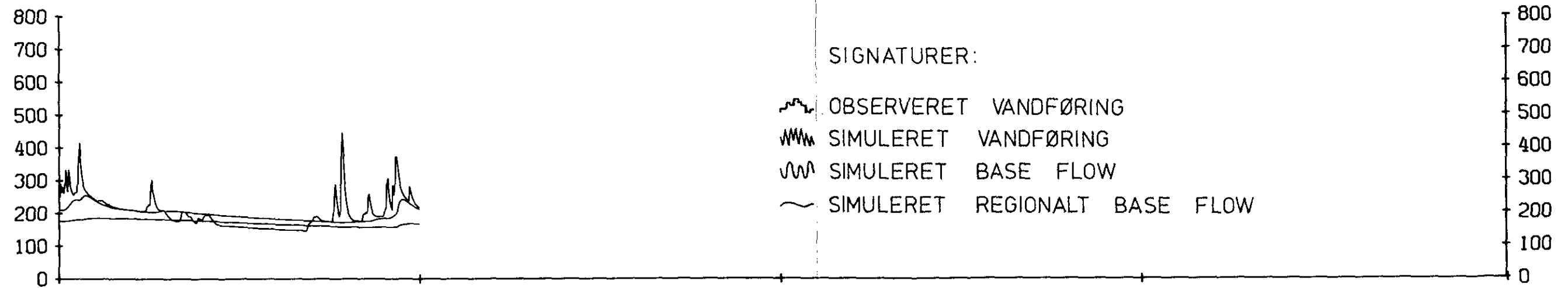
(L/S)

(L/S)







(L/S)

(L/S)



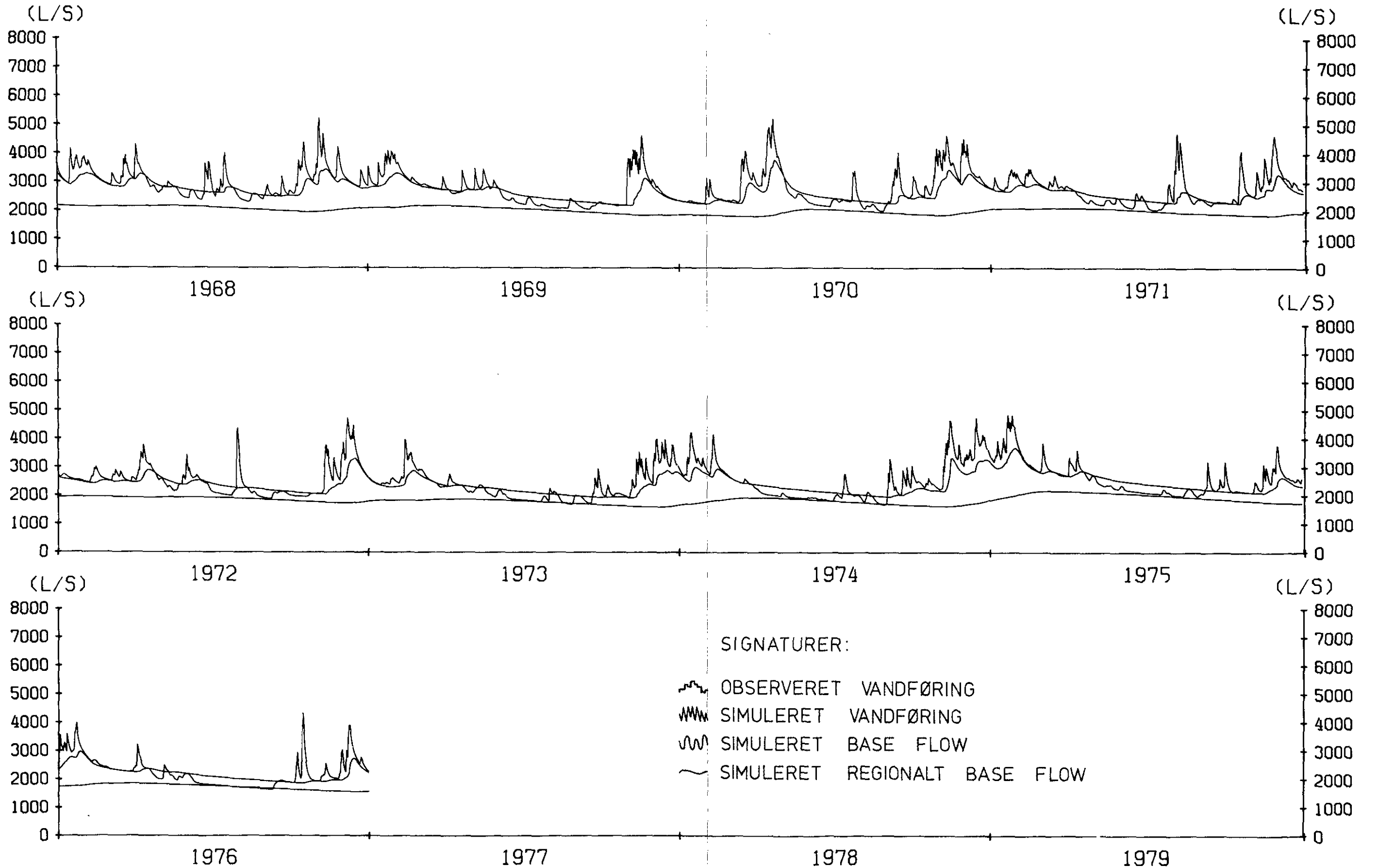
SIGNATURER:

-  OBSERVERET VANDFØRING
-  SIMULERET VANDFØRING
-  SIMULERET BASE FLOW
-  SIMULERET REGIONALT BASE FLOW

# ST. 5 KARUP AA, KARUP

VANDFØRING

VANDFØRING



SIGNATURER:

- OBSERVERET VANDFØRING
- SIMULERET VANDFØRING
- SIMULERET BASE FLOW
- SIMULERET REGIONALT BASE FLOW

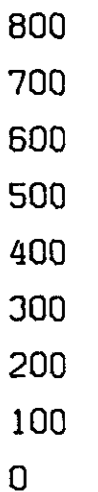
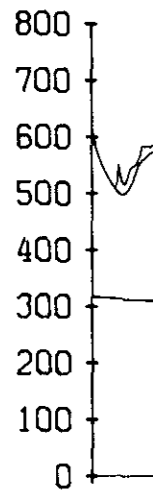
# ST. 4 AAREDSVAD AA, KARUP

VANDFØRING

VANDFØRING

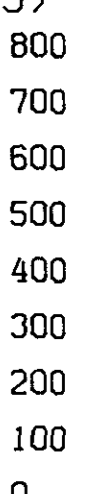
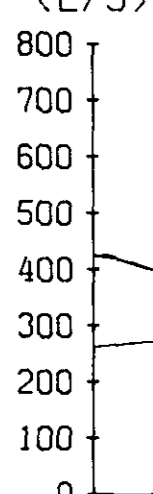
(L/S)

(L/S)



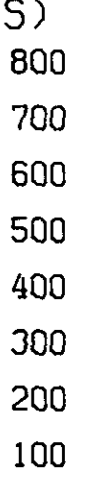
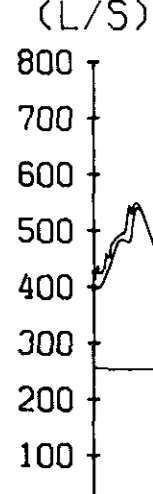
(L/S)

(L/S)



(L/S)

(L/S)



1968

1969

1970

1971

1972

1973

1974

1975





1976

1977

1978

1979

SIGNATURER:

-  OBSERVERET VANDFØRING
-  SIMULERET VANDFØRING
-  SIMULERET BASE FLOW
-  SIMULERET REGIONALT BASE FLOW

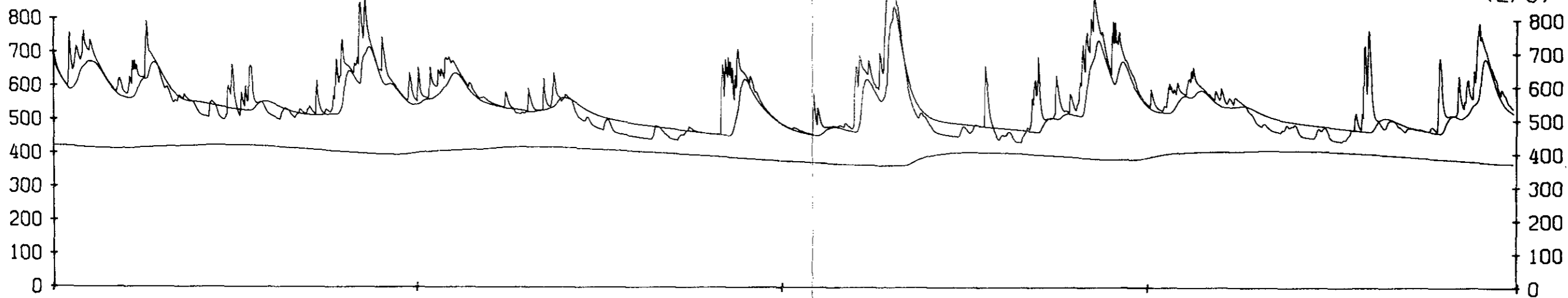
# ST. 3 HALLER AA

VANDFØRING

VANDFØRING

(L/S)

(L/S)



1968

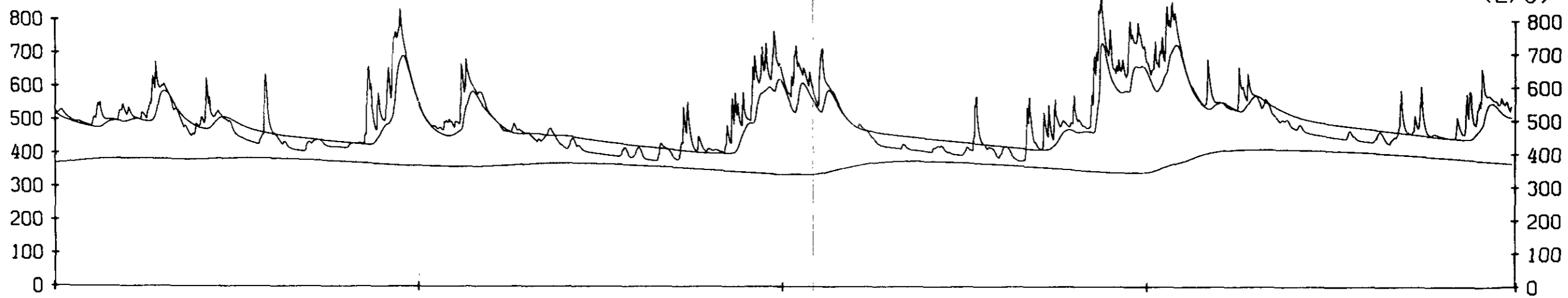
1969

1970

1971

(L/S)

(L/S)



1972

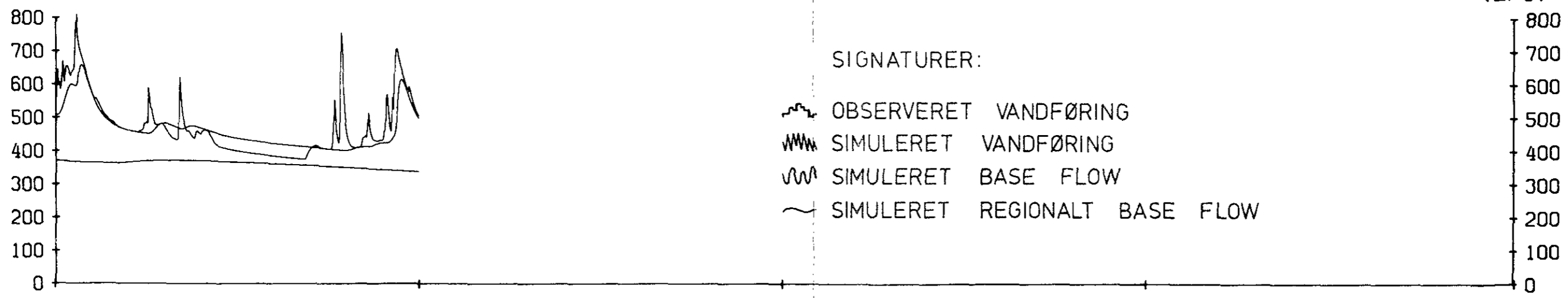
1973

1974

1975

(L/S)

(L/S)







1976

1977

1978

1979

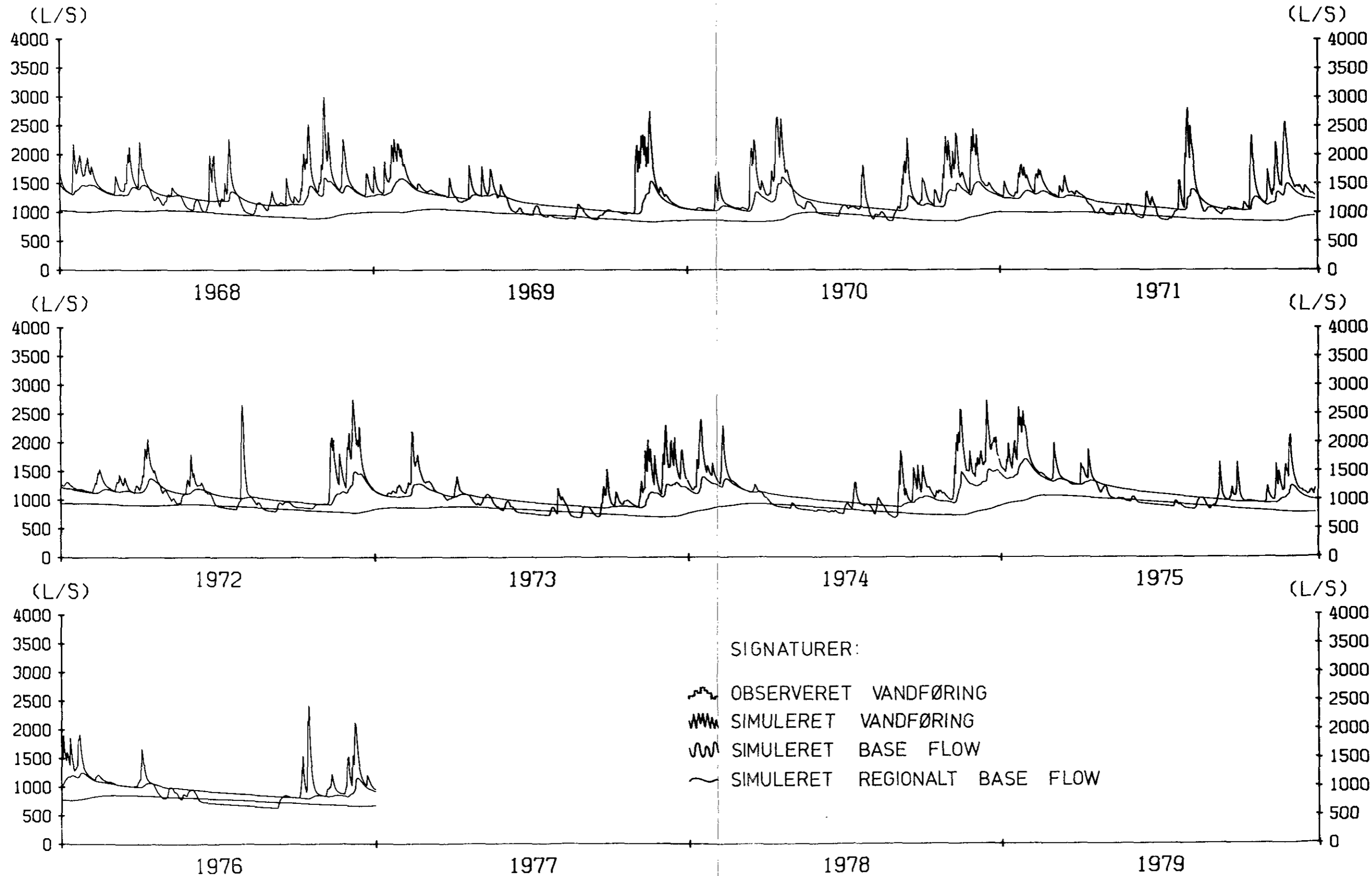
SIGNATURER:

-  OBSERVERET VANDFØRING
-  SIMULERET VANDFØRING
-  SIMULERET BASE FLOW
-  SIMULERET REGIONALT BASE FLOW

# ST. 2 KARUP AA, AGERSKØV

VANDFØRING

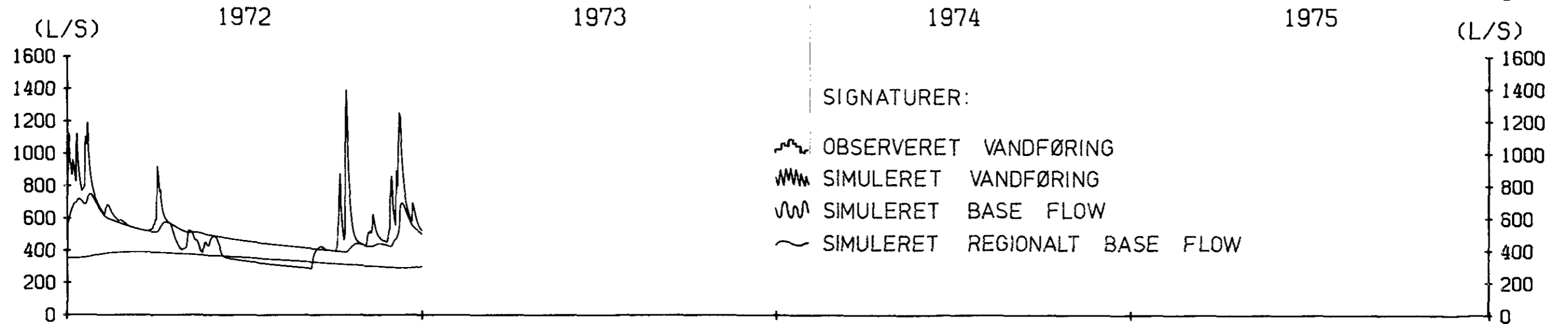
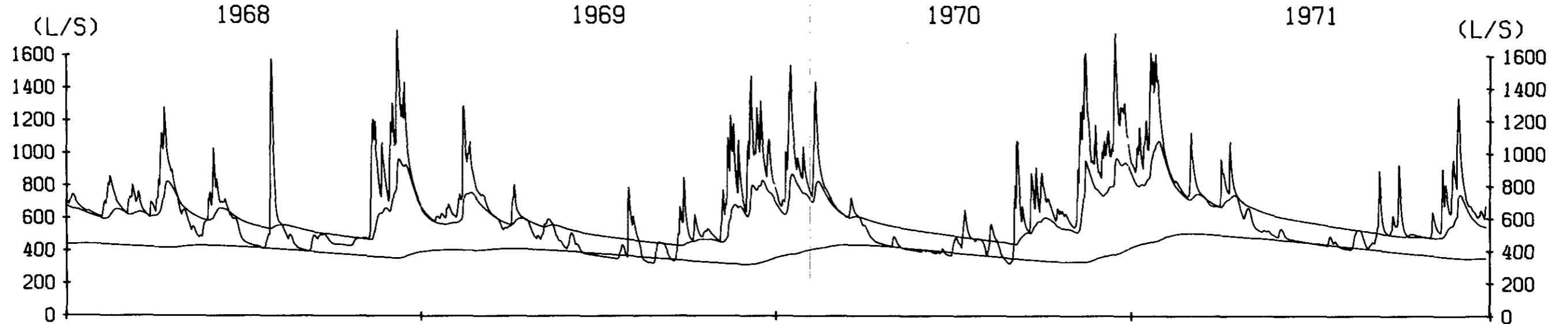
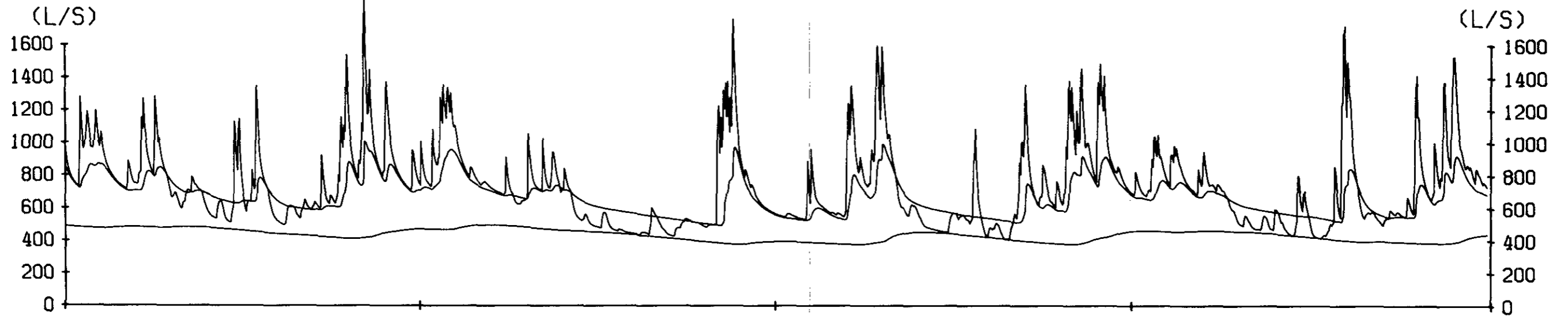
VANDFØRING







# ST. 1 KARUP AA, SKYGGE BRØ

VANDFØRING

VANDFØRING

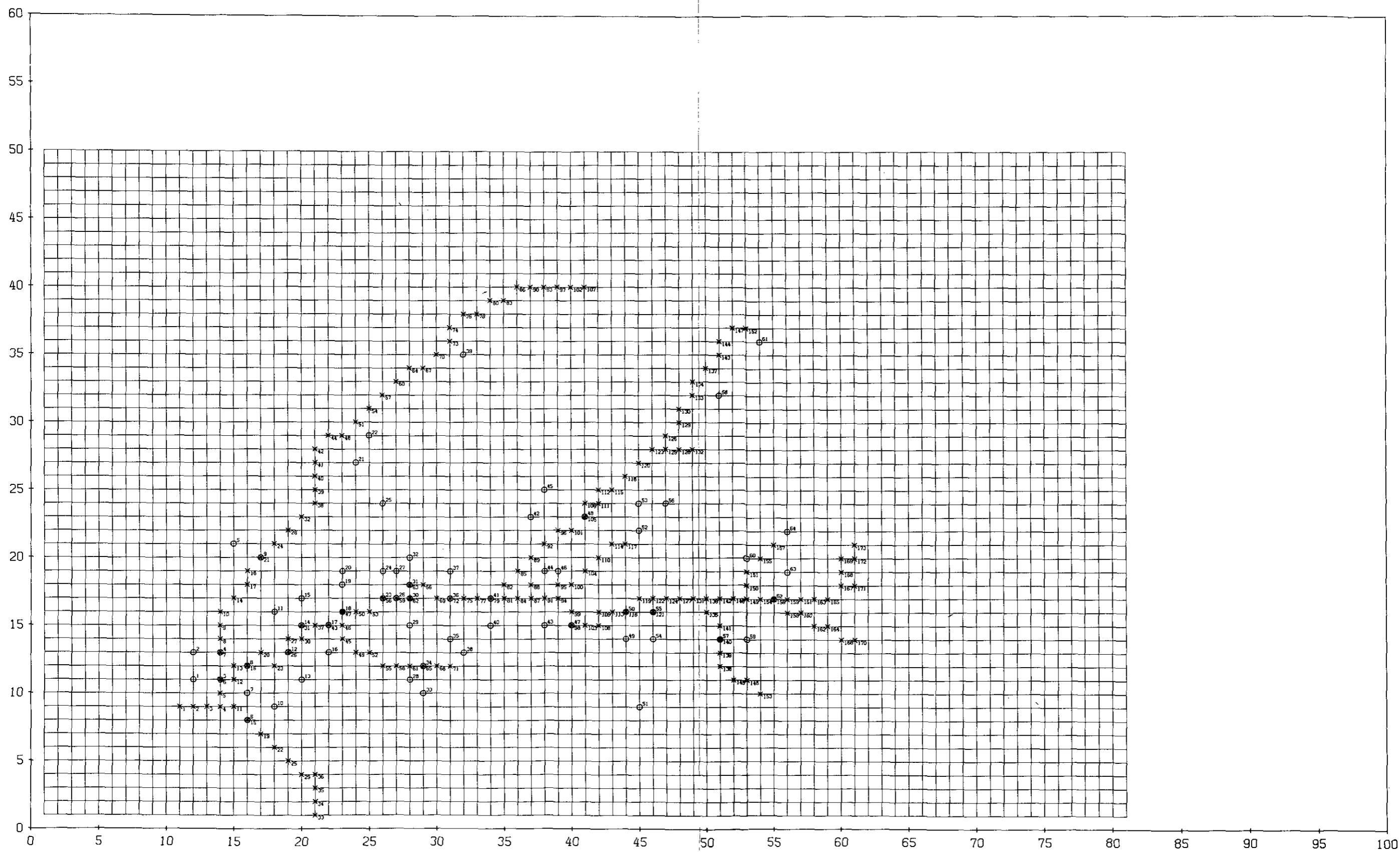


SIGNATURER:

-  OBSERVERET VANDFØRING
-  SIMULERET VANDFØRING
-  SIMULERET BASE FLOW
-  SIMULERET REGIONALT BASE FLOW

# Bilag: 9

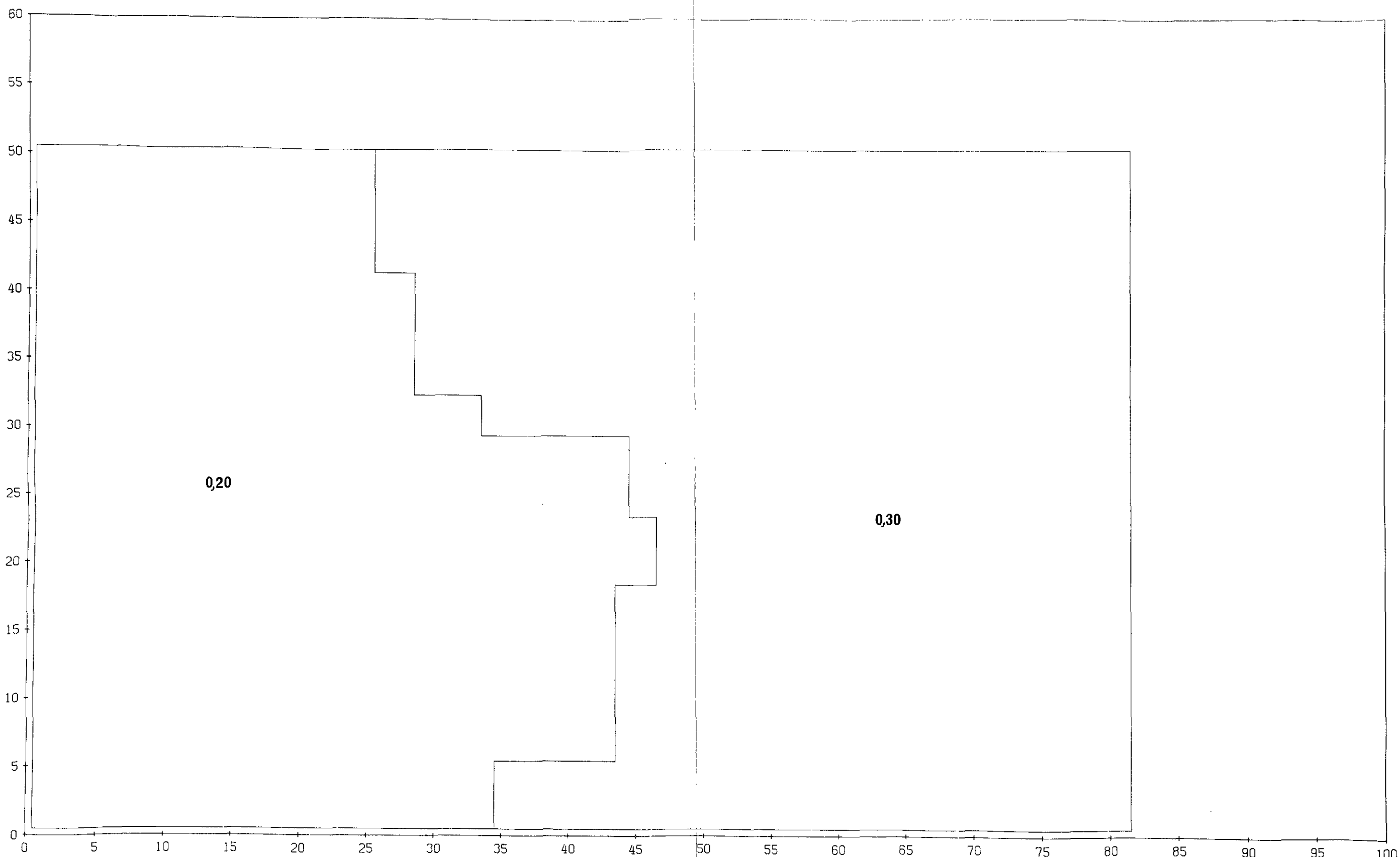




INFNET OMR. 1

○ BORING    × VANDLØB

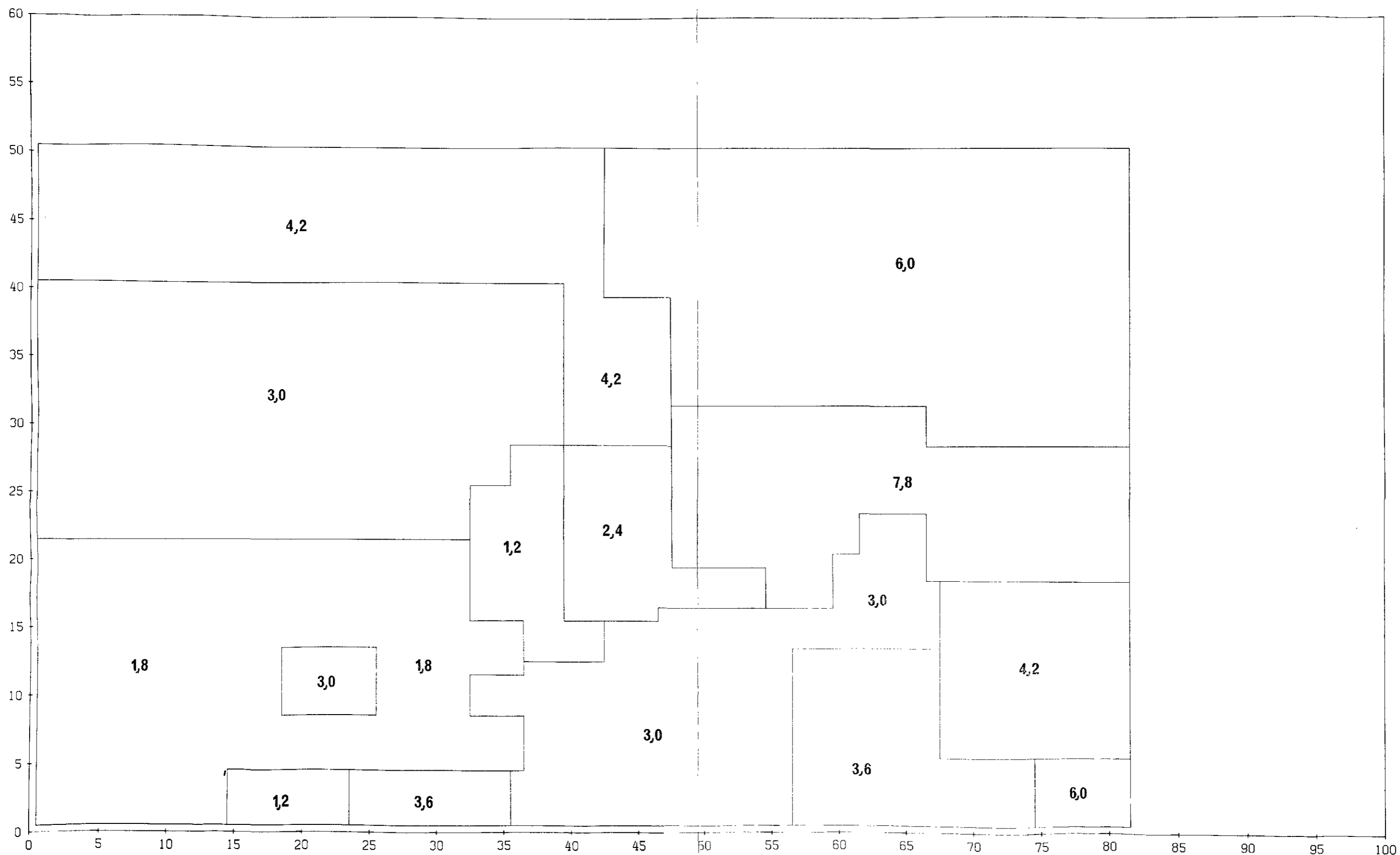
BILAG NR. 9.1.



INFNET OMR. 1

MAGASINTAL

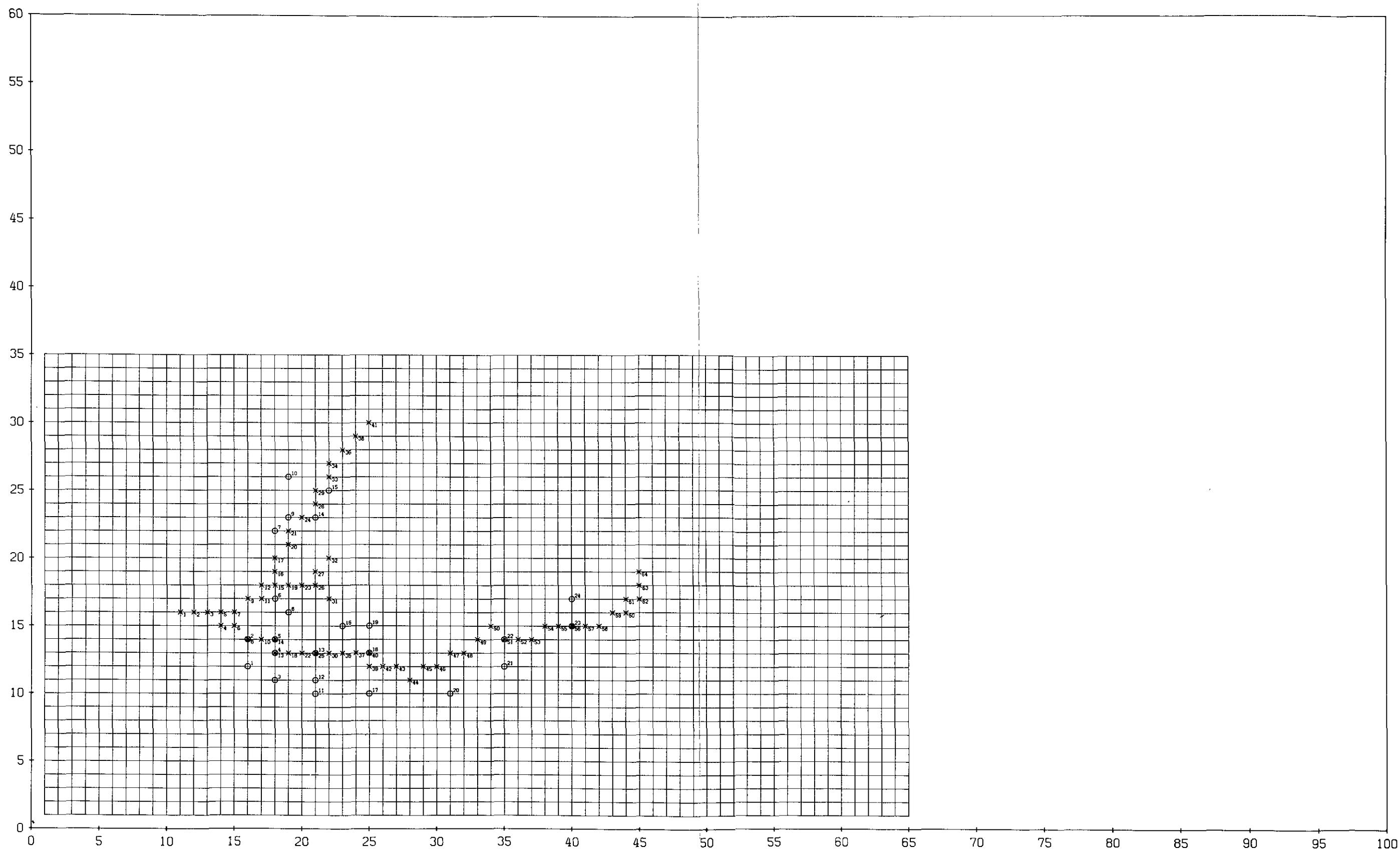
BILAG NR. 9 2.



INFNET ØMR. 1

TRANSMISSIVITET (10\*\*+3 M2/UGE)

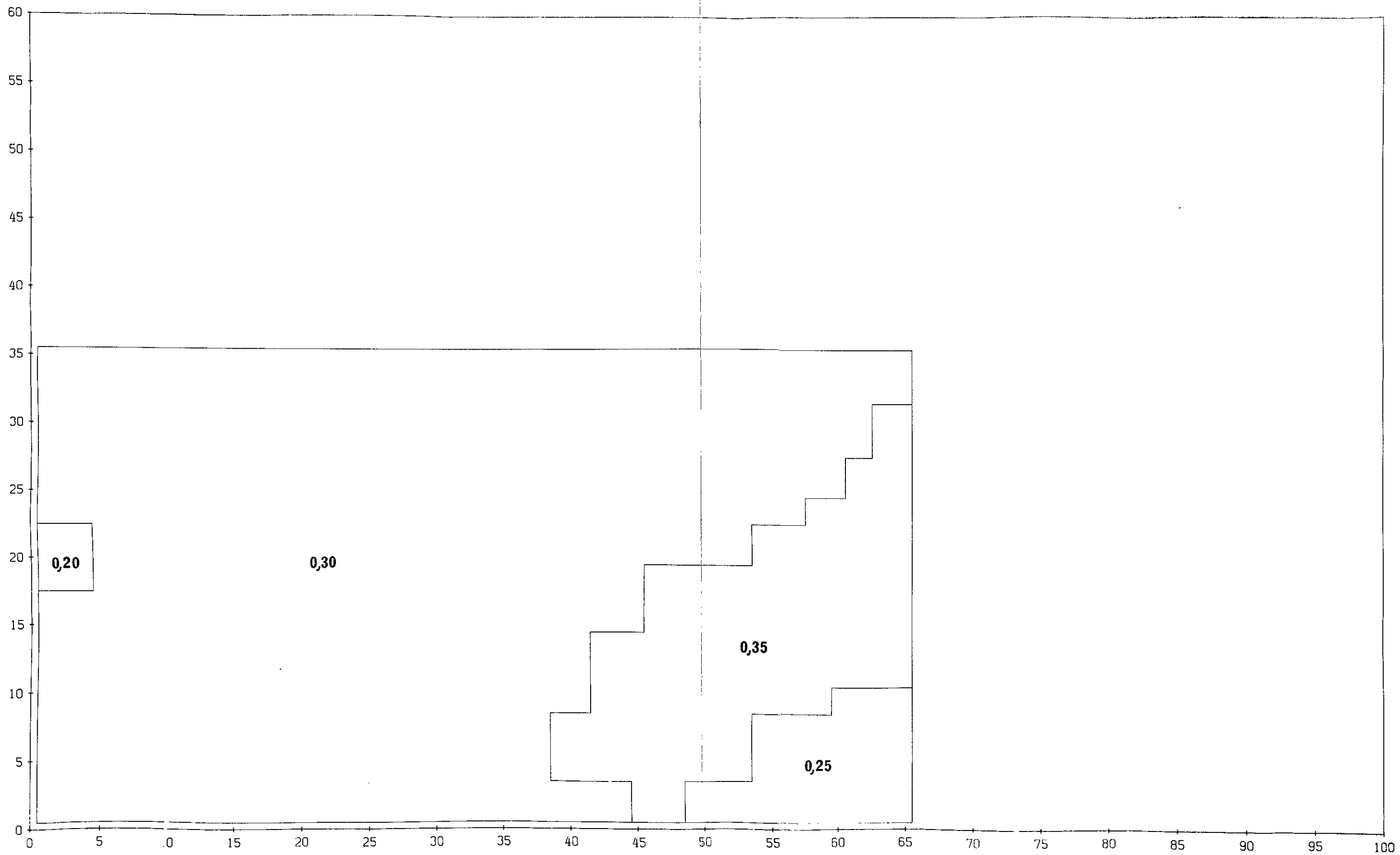
BILAG NR. 9.3.



INFNET ØMR. 2

o BORING x VANDLØB

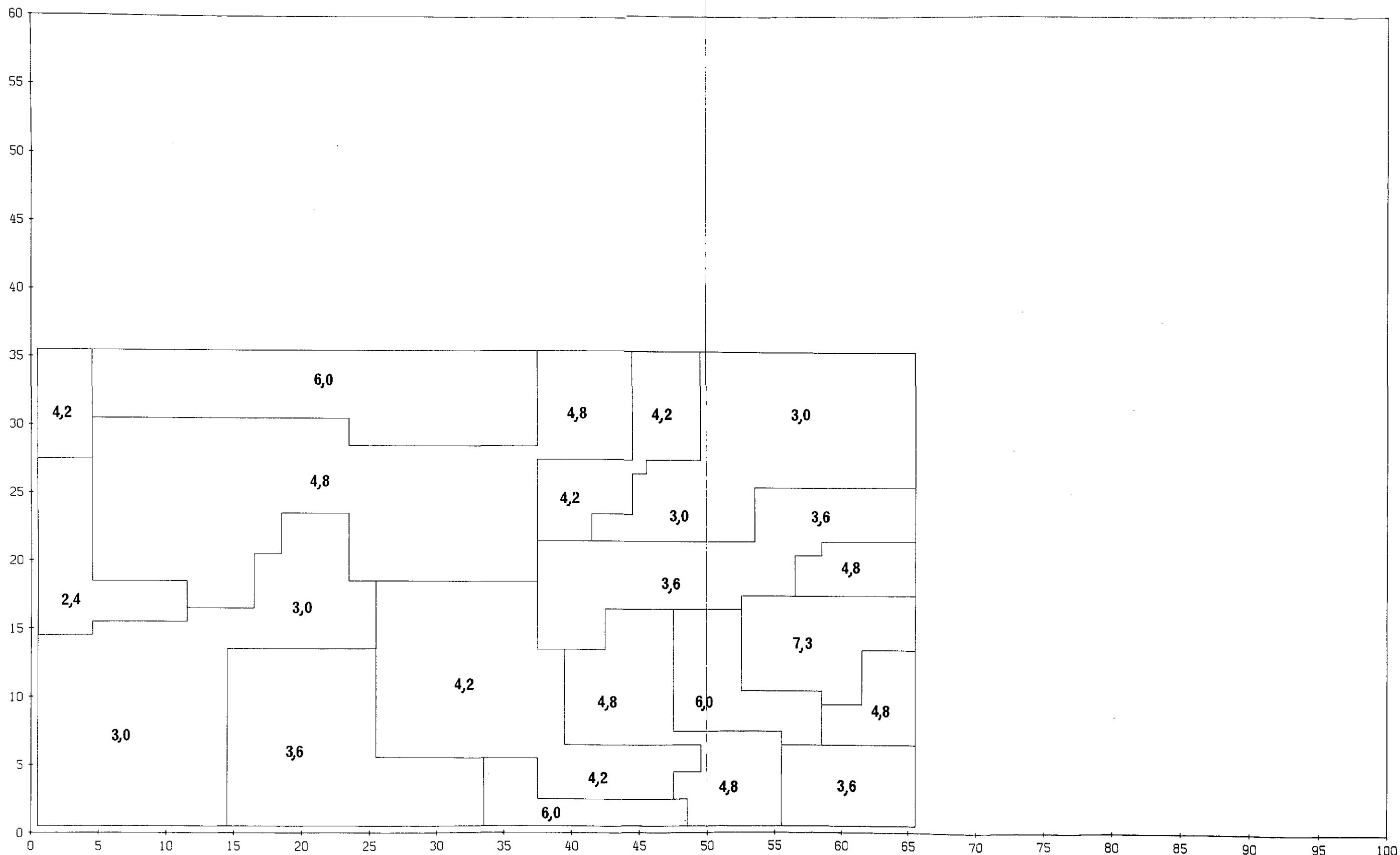
BILAG NR. 9.4.



INFNET 01R. 2

MAGASINTAL

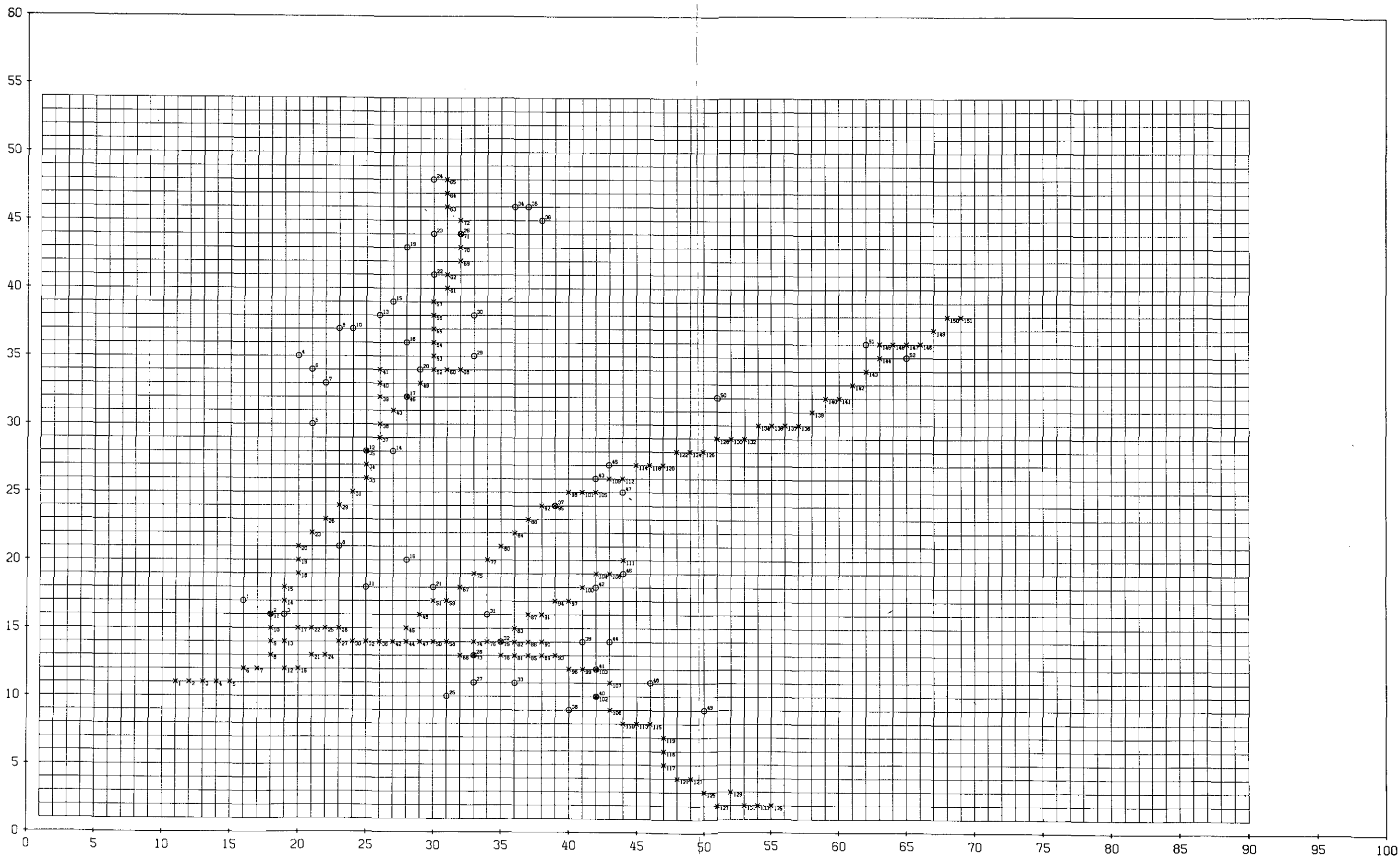
BILAG NR. 9.5.



INFNET ØMR. 2

TRANSMISSIVITET (10\*\*+3 M2/UGE)

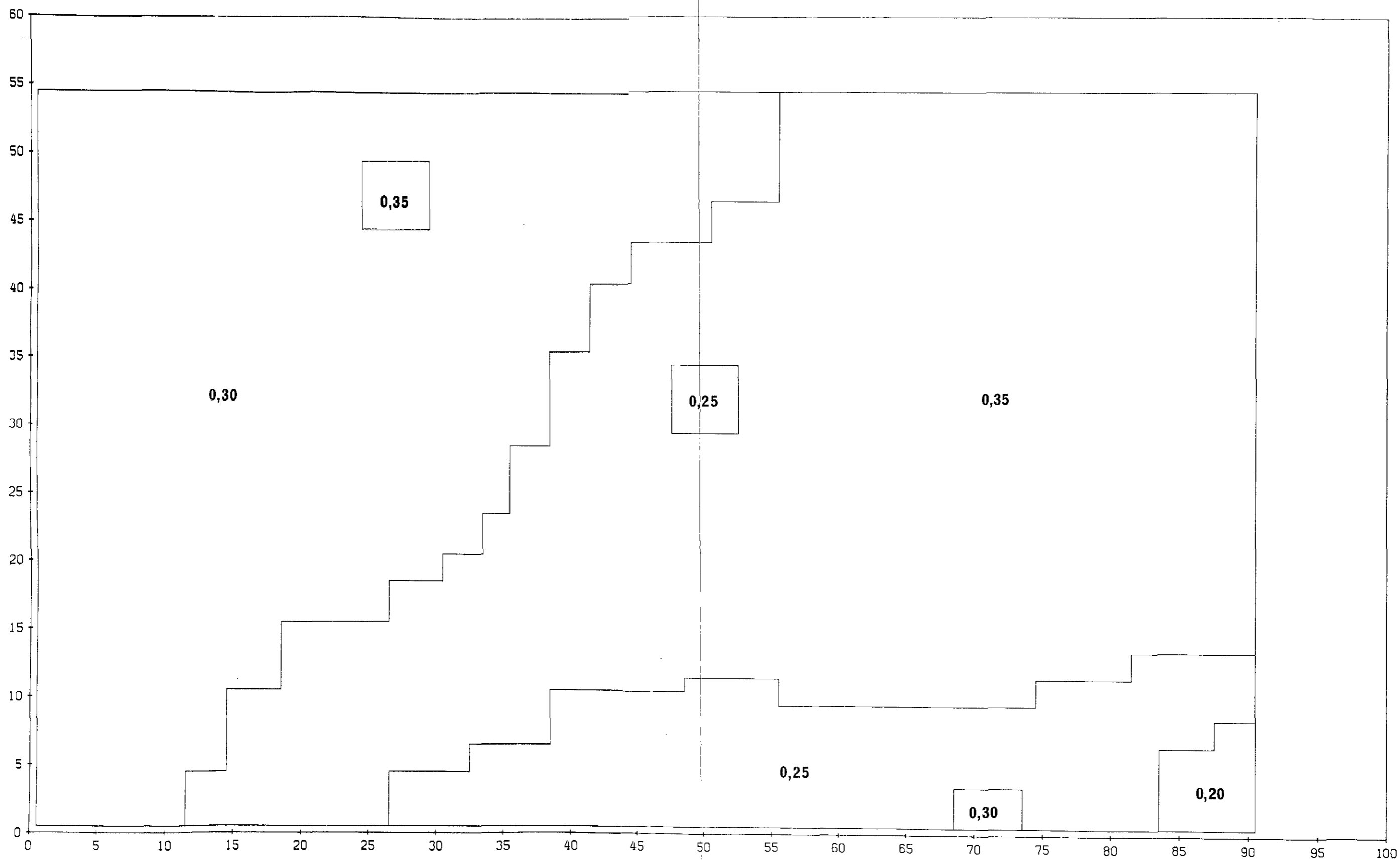
BILAG NR. 9.6.



INFNET OMR. 3

○ BORING × VANDLØB

BILAG NR. 9.7.



INFNET OMR. 3

MAGASINTAL

BILAG NR. 9.8.

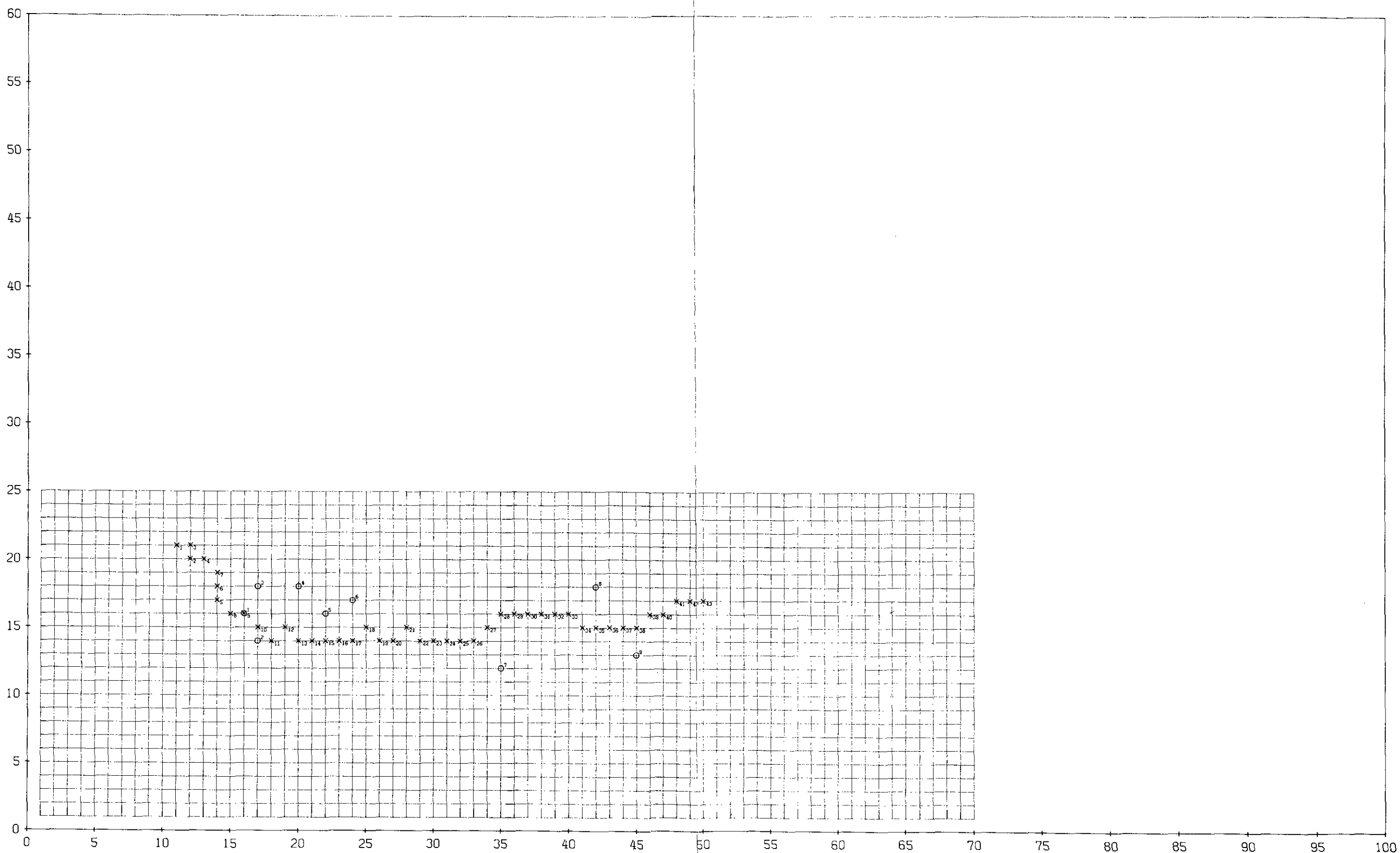




INFNET ØMR. 3

TRANSMISSIVITET (10\*\*+3 M2/UGE)

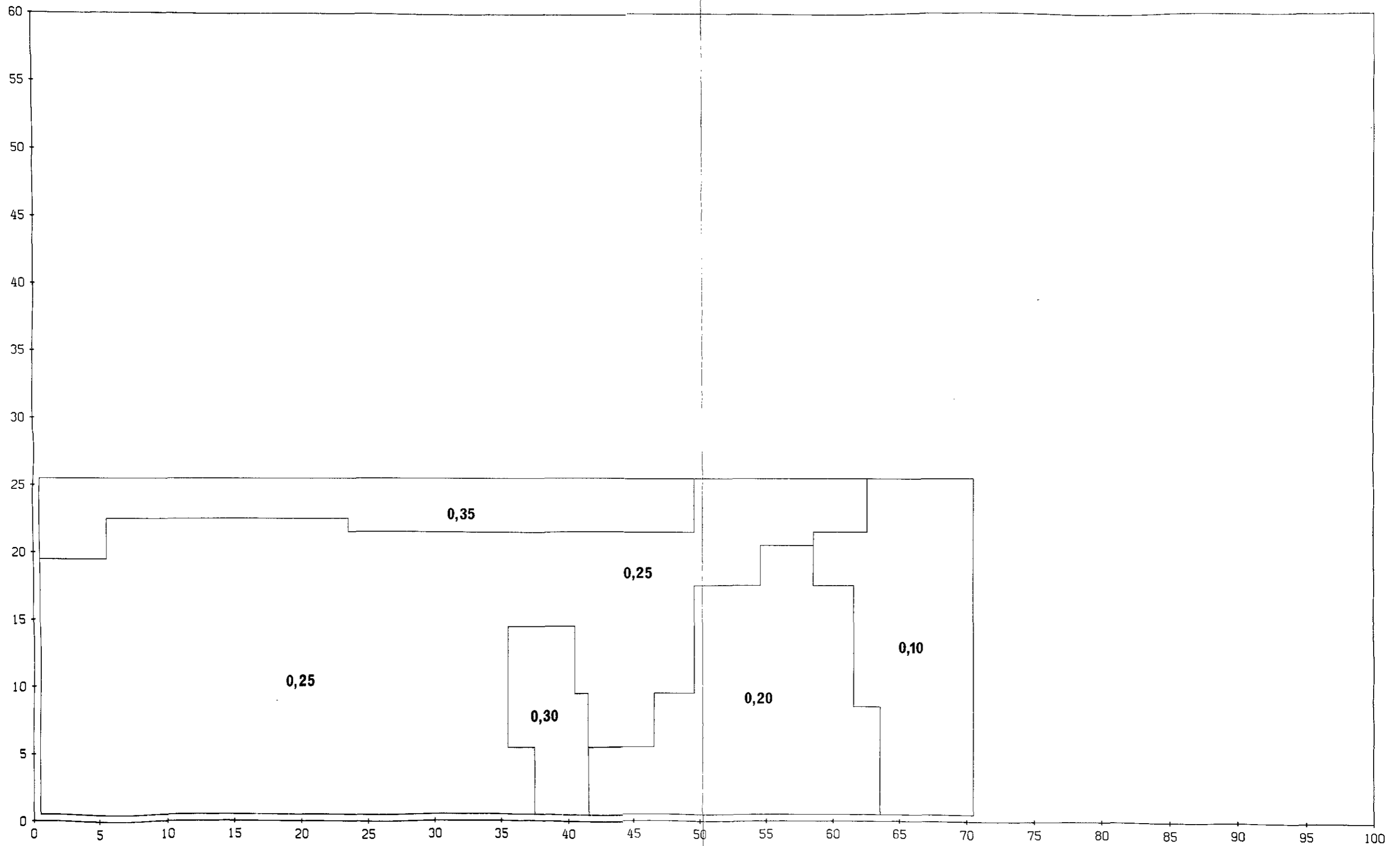
BILAG NR. 9.9.



INFNET ØMR. 4

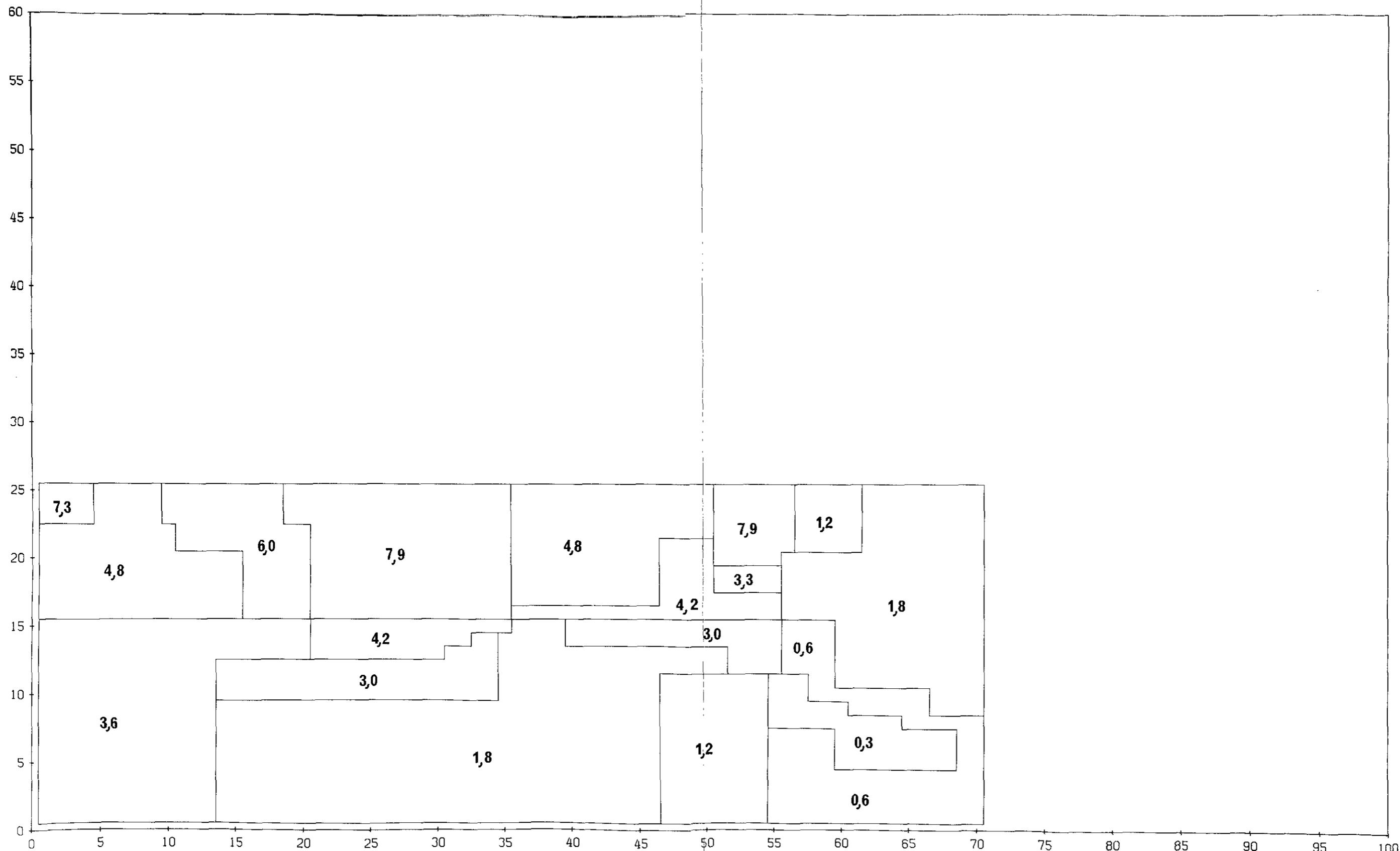
○ BØRING    × VANDLØB

BILAG NR. 9. 10.



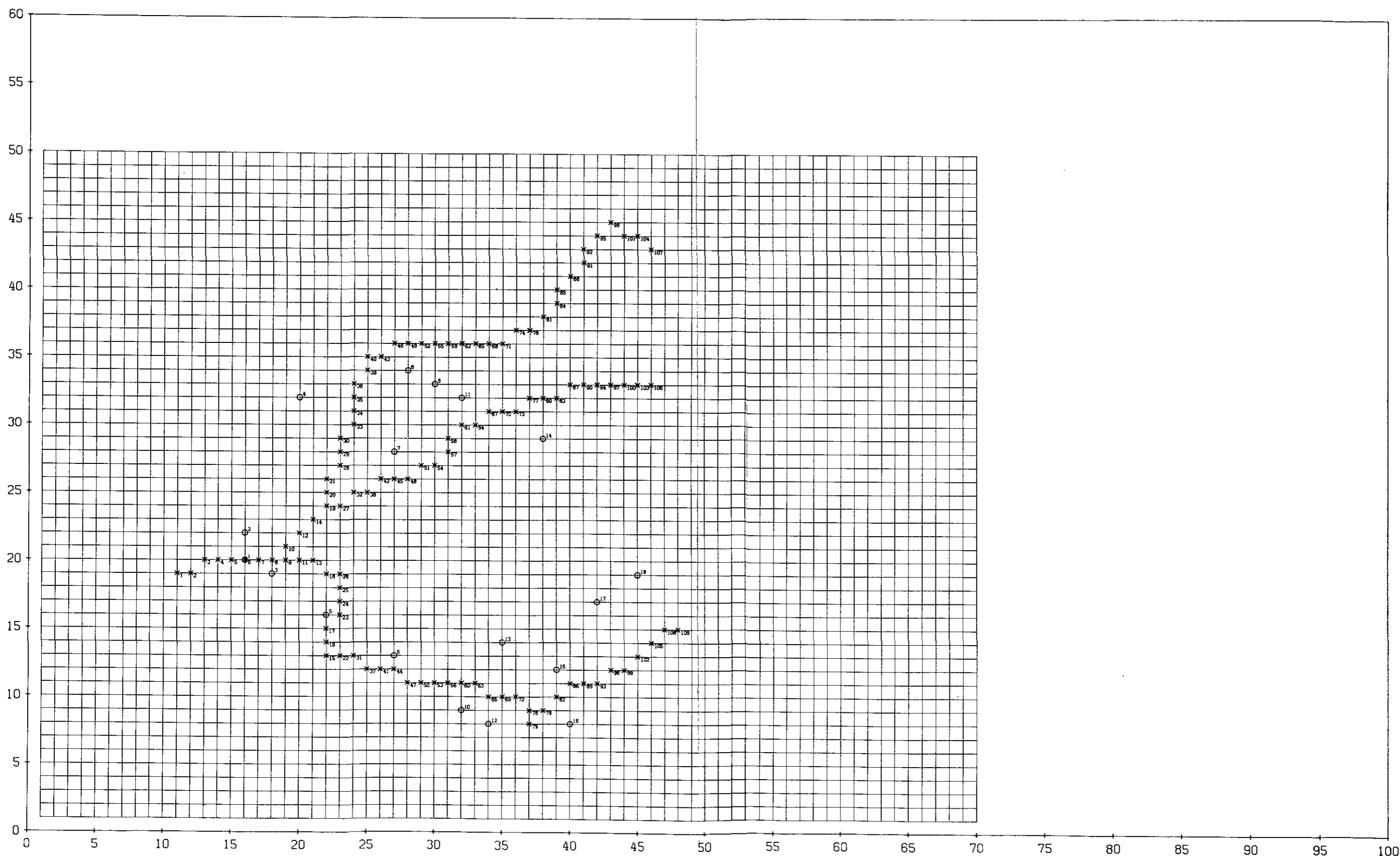
INFNET ØMR. 4  
 BILAG NR. 9. 11.

MAGSINTAL



INFNET OMR. 4  
 BILAG NR. 9. 12.

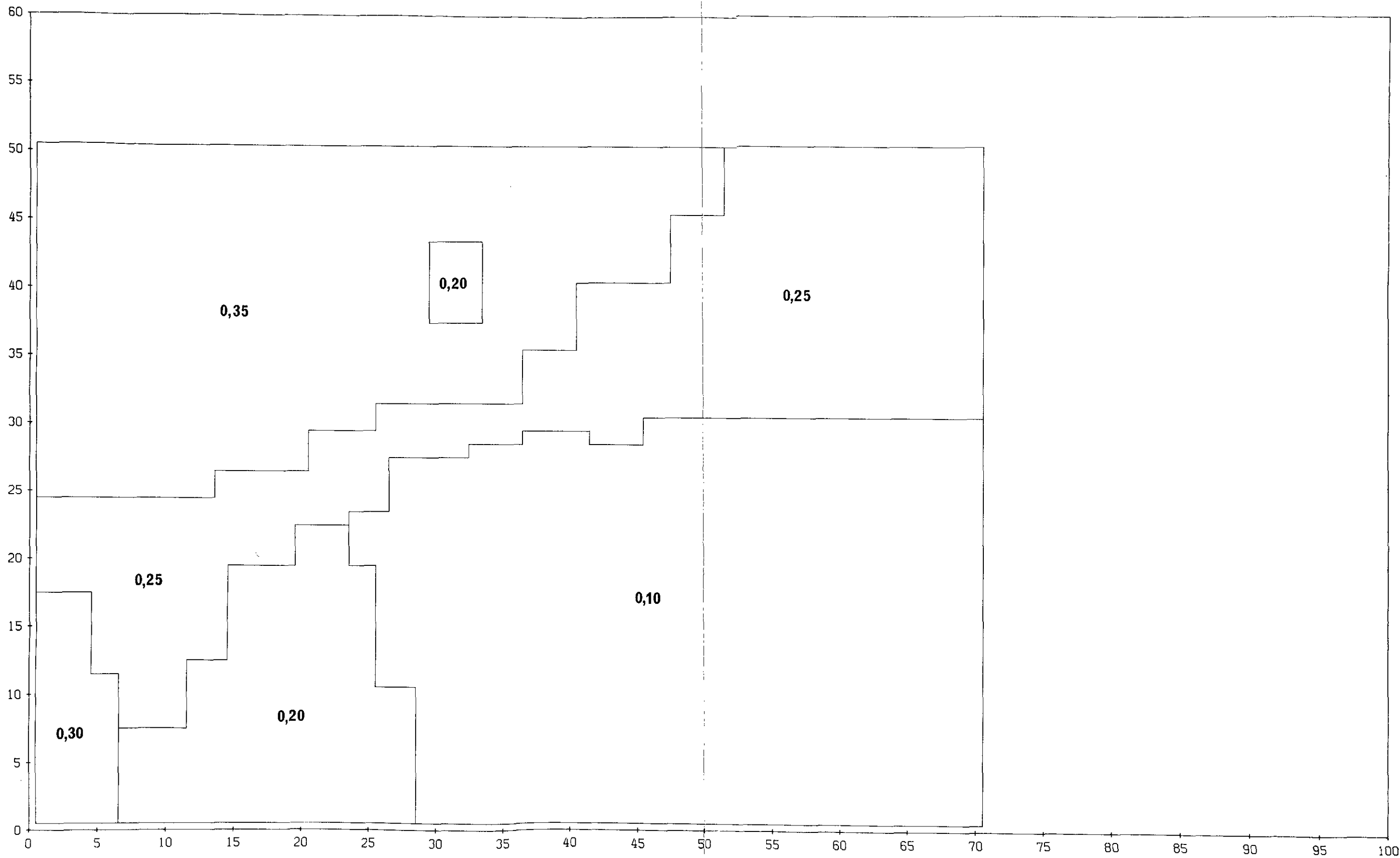
TRANSMISSIVITET (10\*\*+3 M2/UGE)



INFNET ØMR. 5

○ BORING × VANDLØB

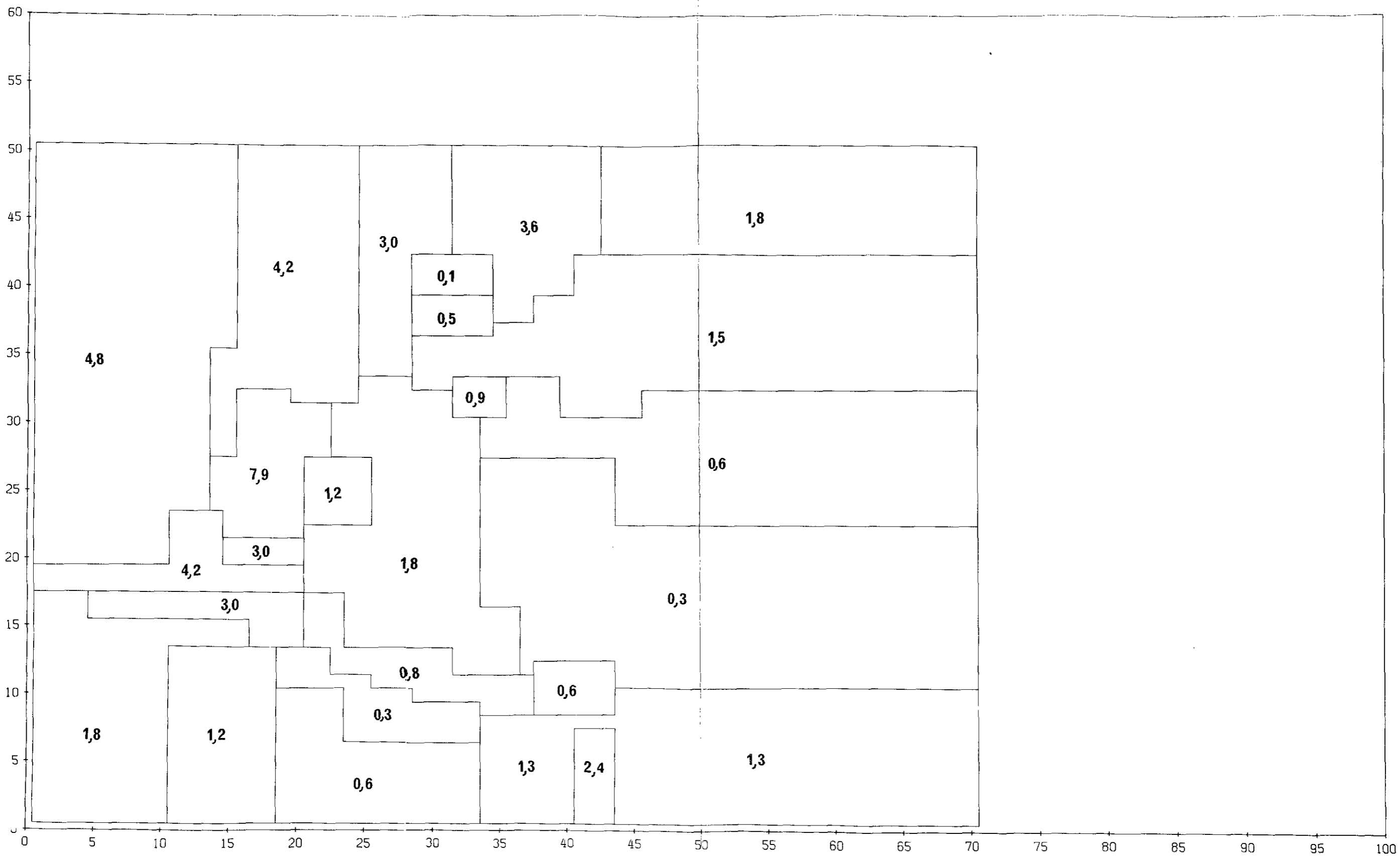
BILAG NR. 9. 13.



INFNET OMR. 5

MAGASINTAL

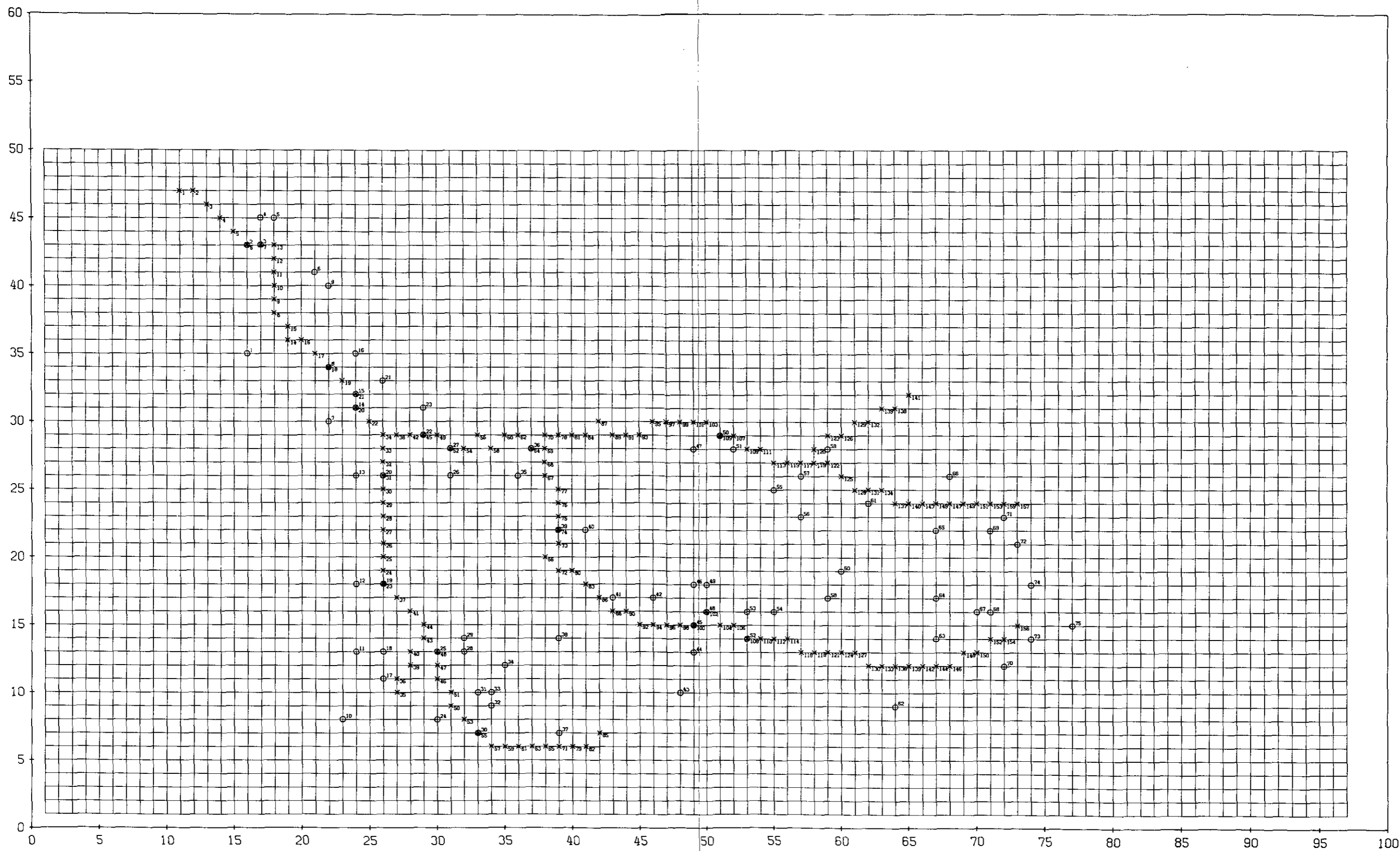
BILAG NR. 9.14.



INFNET ØMR. 5

TRANSMISSIVITET (10\*\*+3 M2/UGE)

BILAG NR. 9. 15.

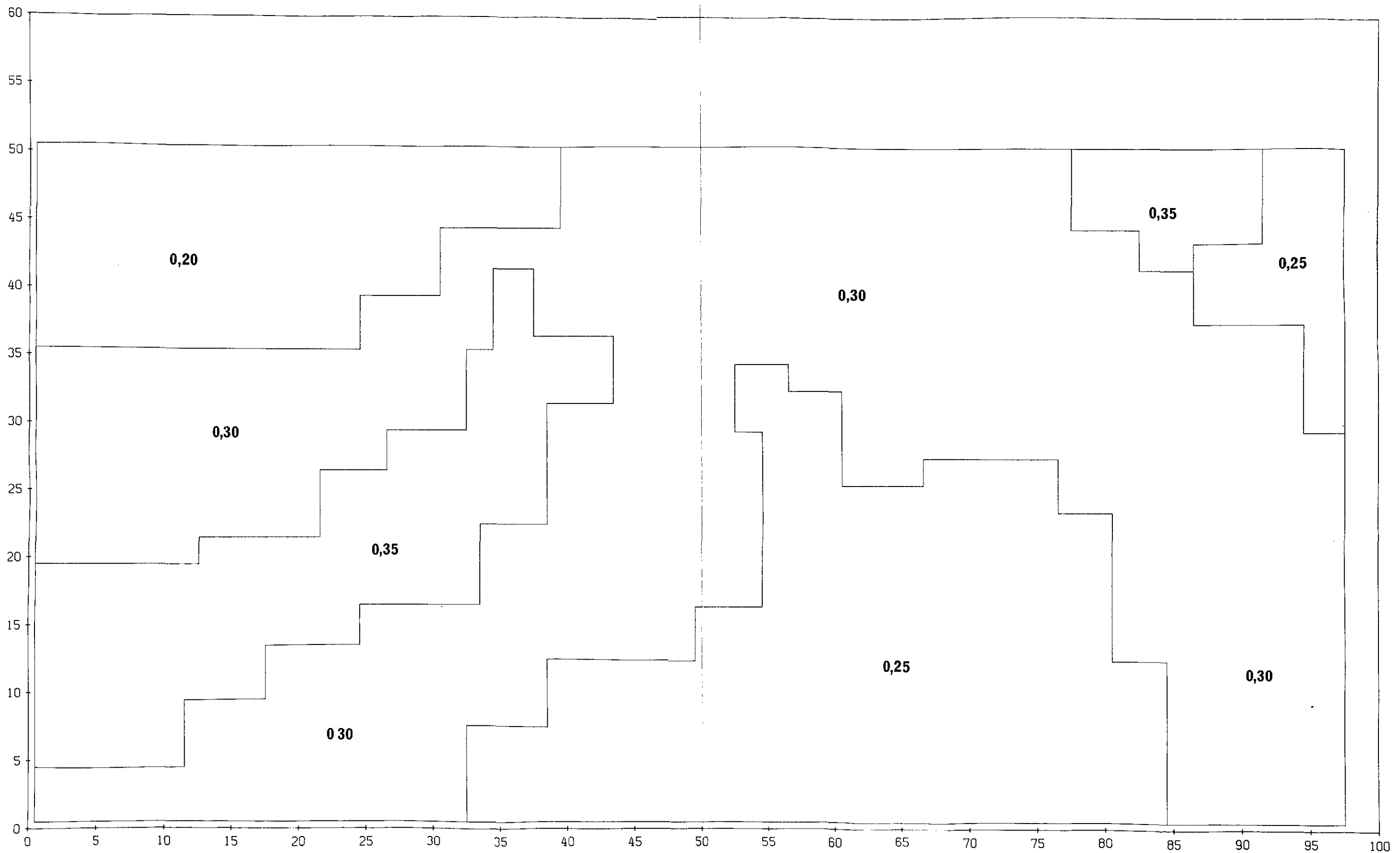


INFNET OMR. 6

○ BORING × VANDLØB

BILAG NR. 9. 16.

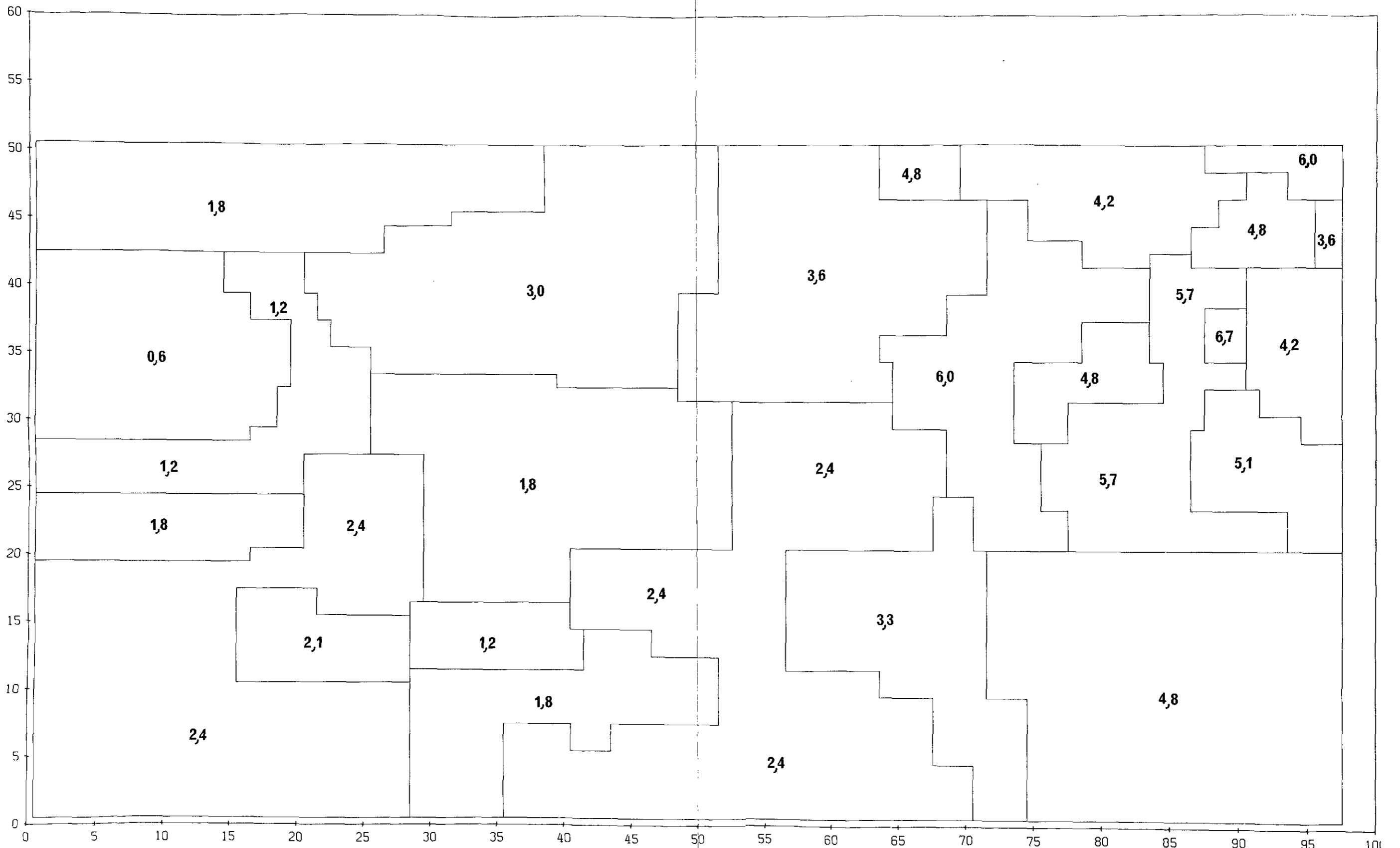




INFNET ØMR. 6

MAGASINTAL

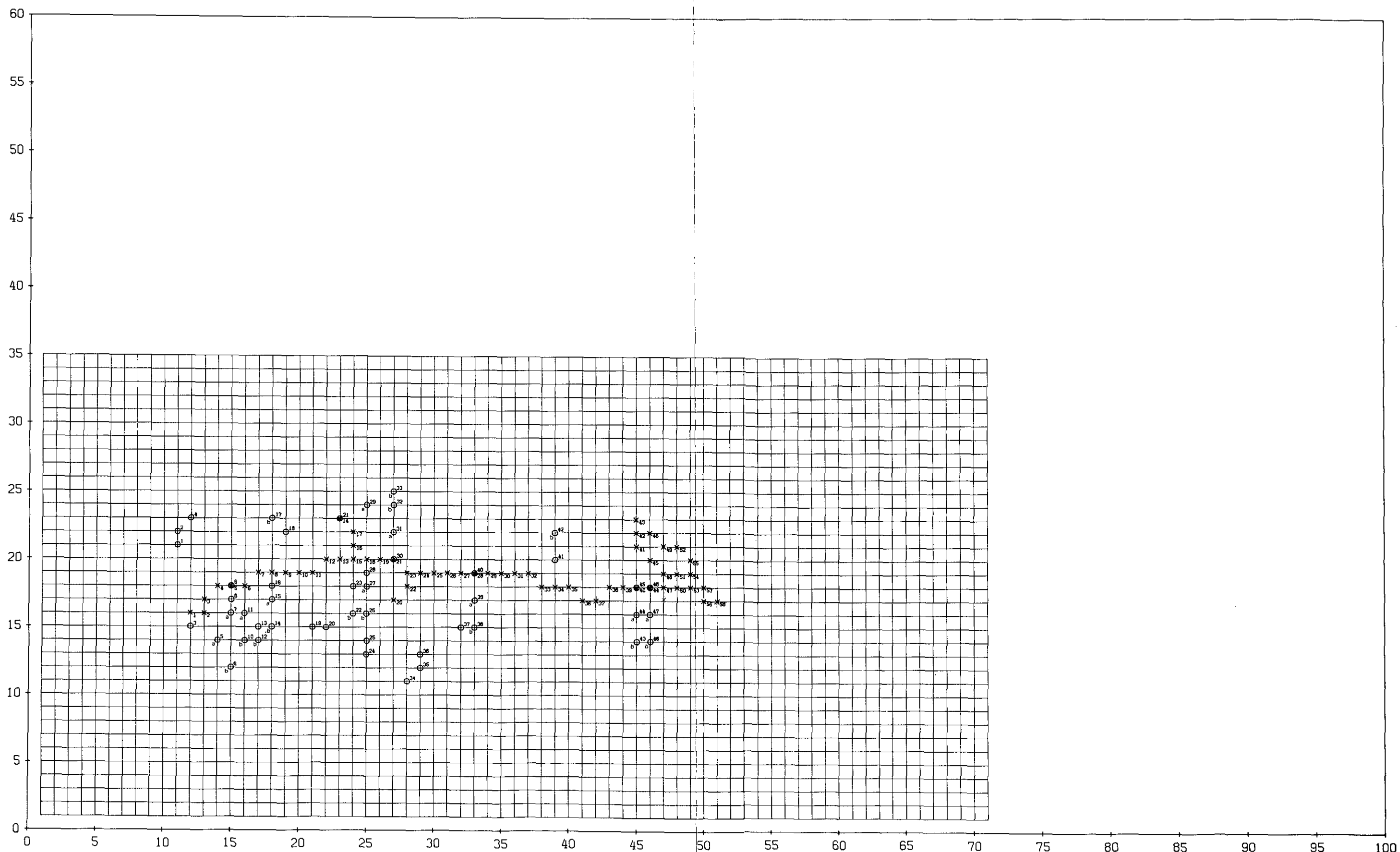
BILAG NR. 9.17



INFNET ØMR. 6

TRANSMISSIVITET (10\*\*+3 M2/UGE)

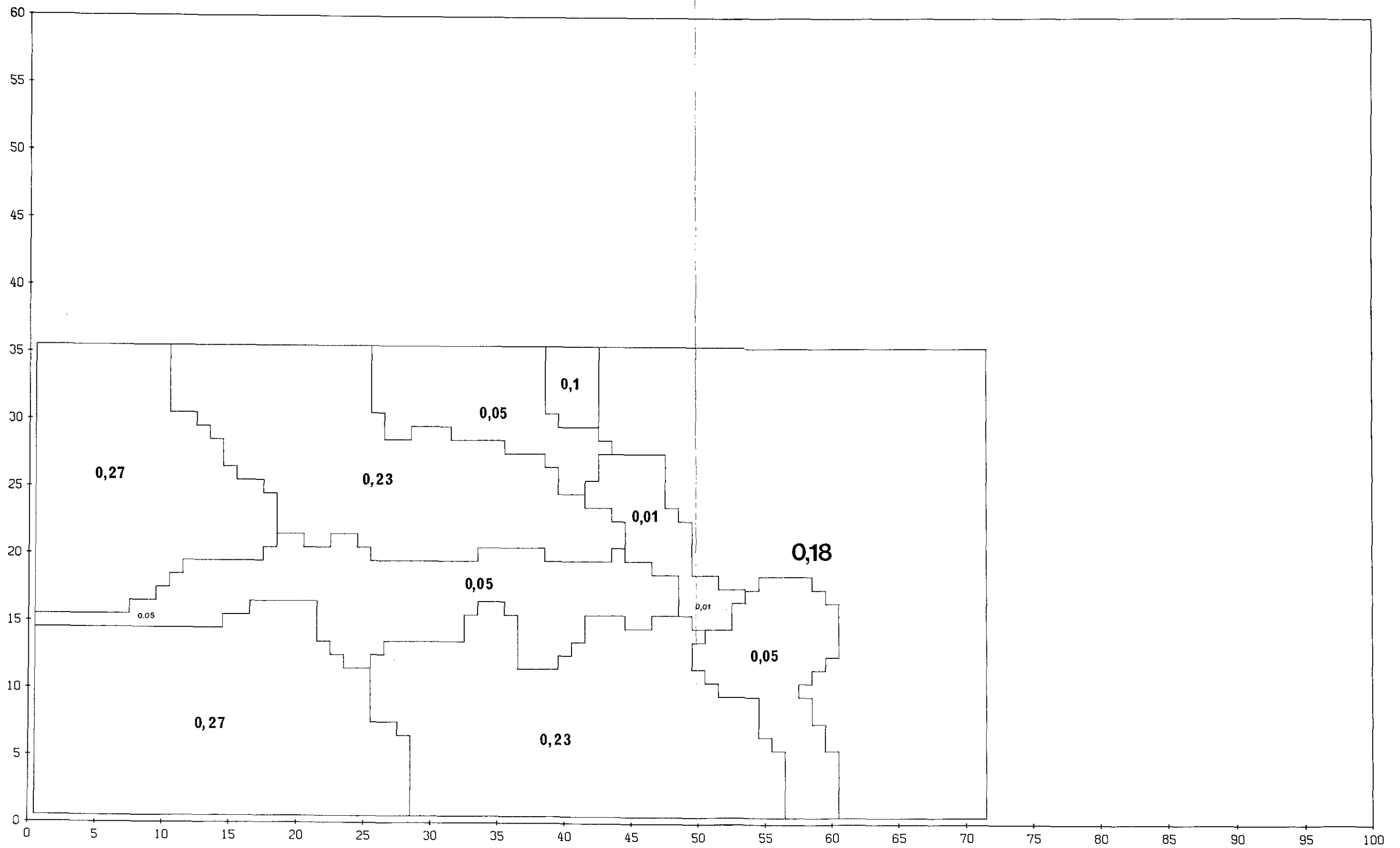
BILAG NR. 9.18.



INFNET ØMR. 7

○ BØRING    × VANDLØB

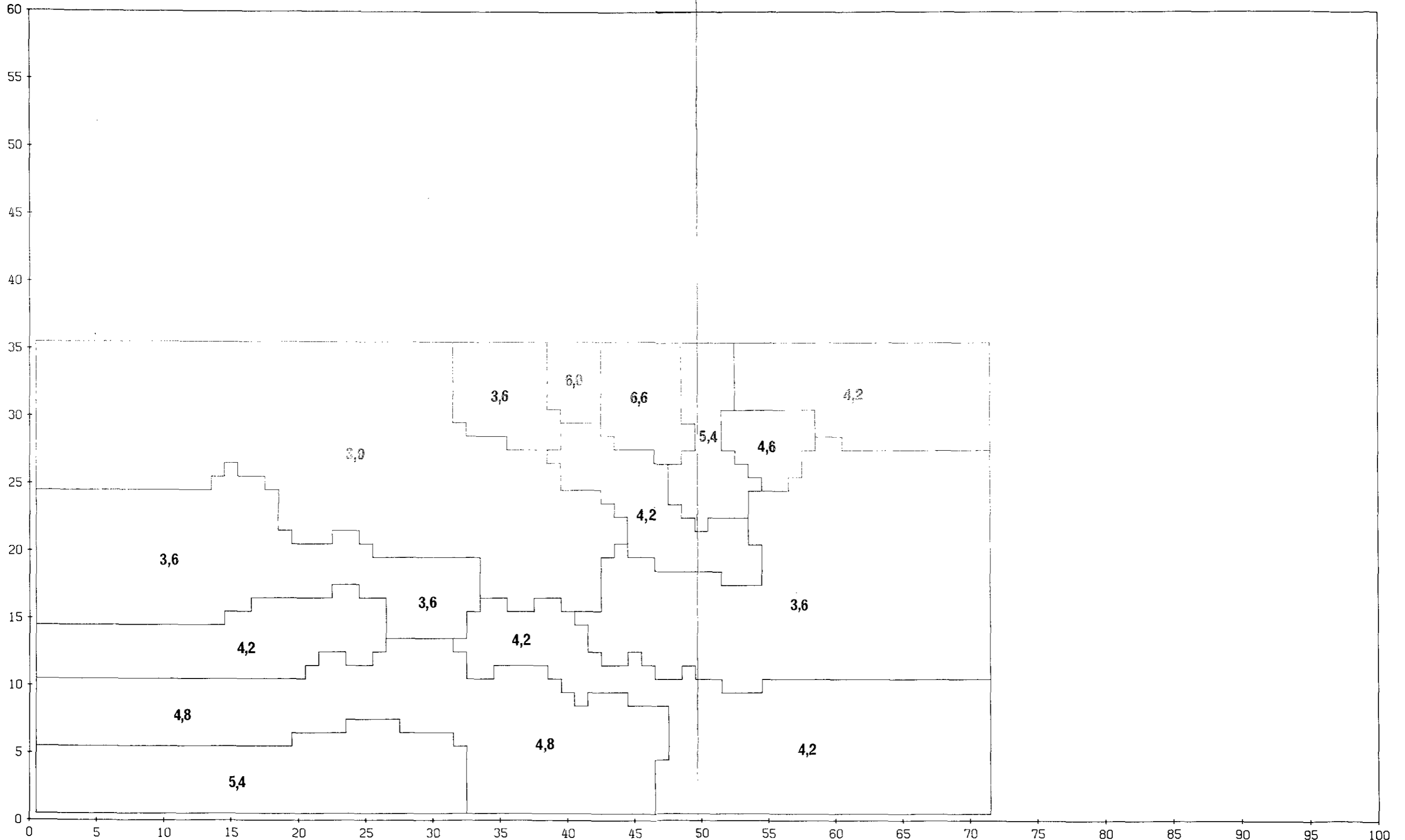
BILAG NR. 9. 19.



INFNET ØMR. 7

MAGASINTAL

BILAG NR. 9.20.



INFNET ØMR. 7

TRANSMISSIVITET (10\*\*\*3 M3/UGE)

BILAG NR. 9. 21.

# Bilag: 10

**Bemærk:**

**Bilag 10.1 mangler**

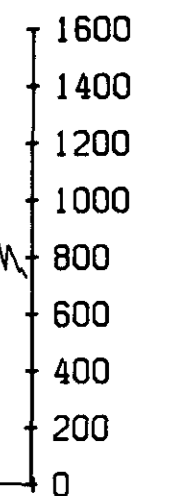
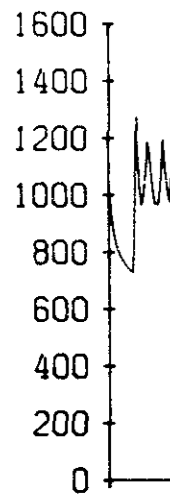
# ST. 1 KARUP AA, SKYGGE BRØ

VANDFØRING

VANDFØRING

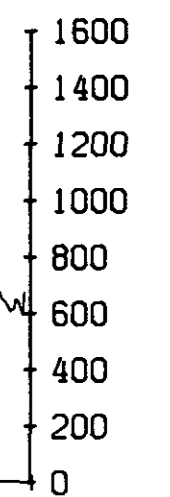
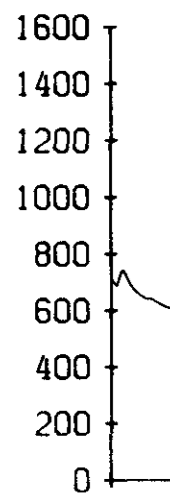
(L/S)

(L/S)



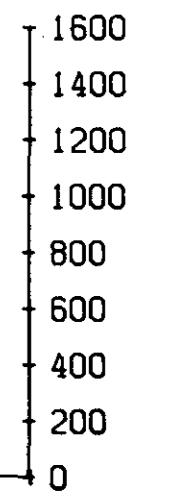
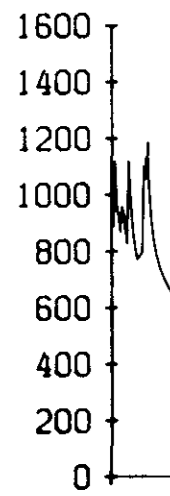
(L/S)

(L/S)



(L/S)

(L/S)



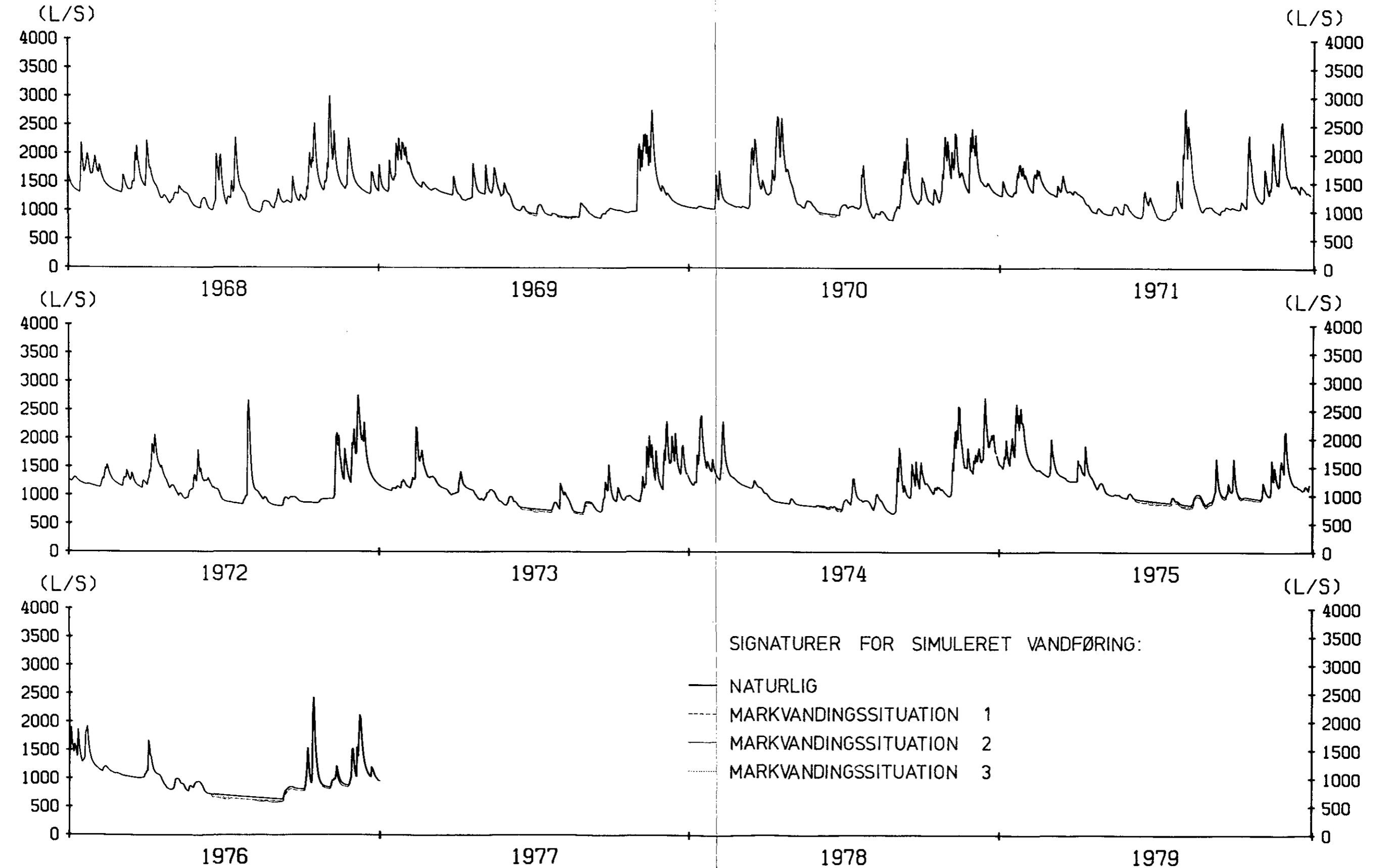
SIGNATURER FOR SIMULERET VANDFØRING:

- NATURLIG
- - - MARKVANDINGSSITUATION 1
- MARKVANDINGSSITUATION 2
- - - MARKVANDINGSSITUATION 3



# ST. 2 KARUP AA, AGERSKOV

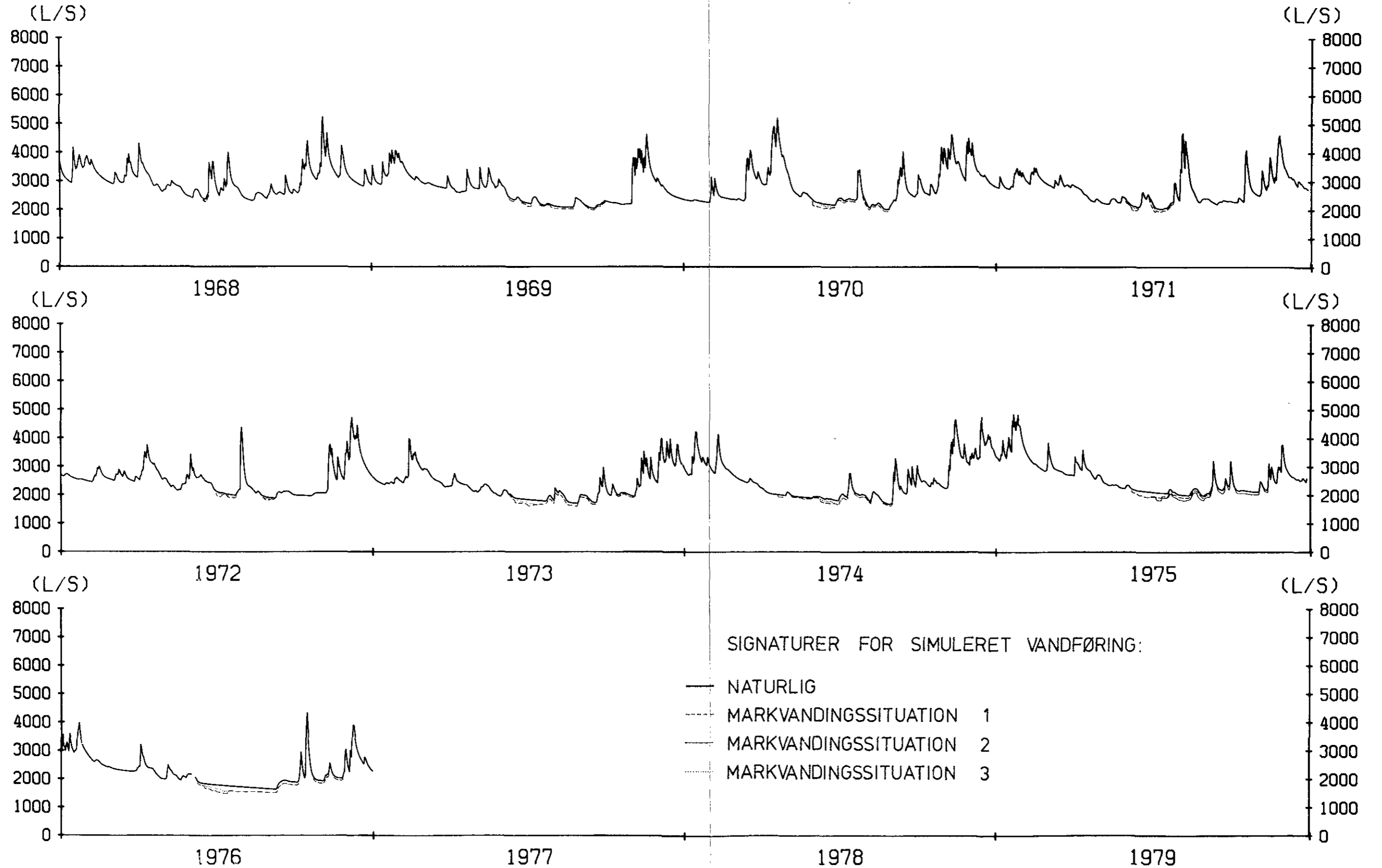
VANDFØRING



# ST. 5 KARUP AA, KARUP

VANDFØRING

VANDFØRING



# ST. 7 KARUP AA, RABIS

VANDFØRING

VANDFØRING

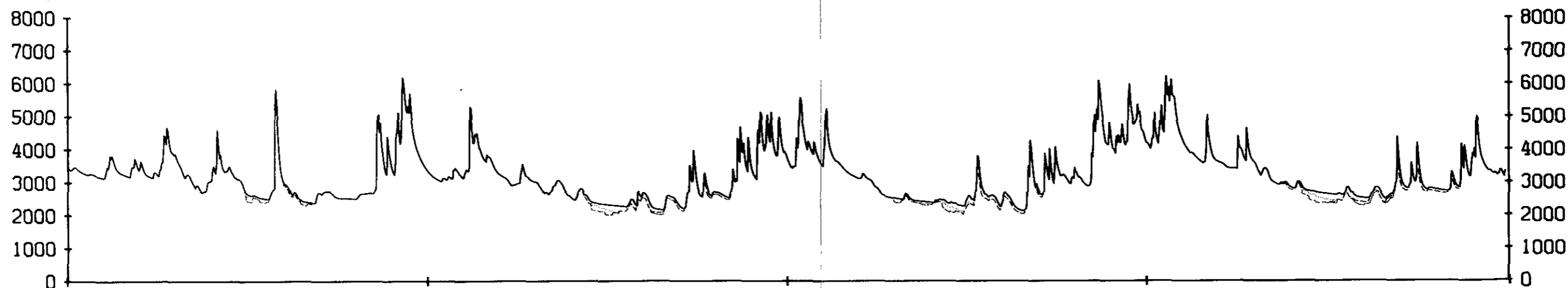
(L/S)

(L/S)



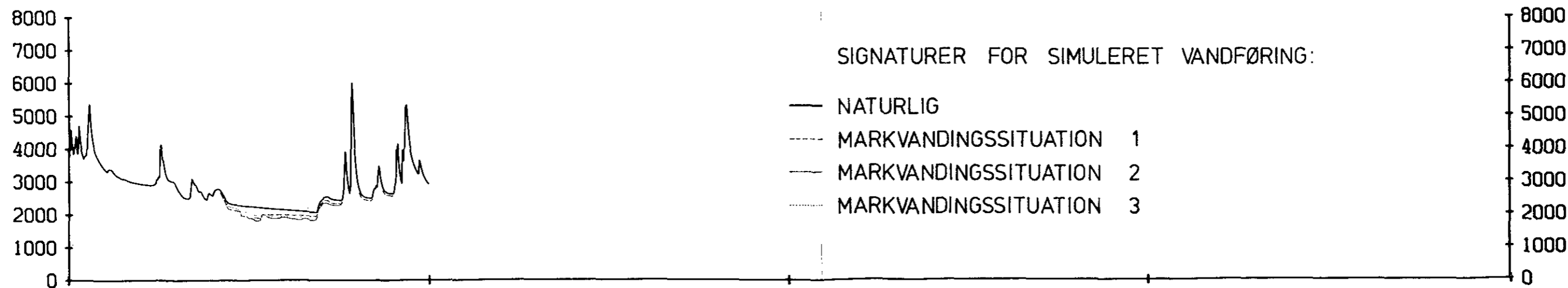
(L/S)

(L/S)



(L/S)

(L/S)



SIGNATURER FOR SIMULERET VANDFØRING:

- NATURLIG
- - - MARKVANDINGSSITUATION 1
- MARKVANDINGSSITUATION 2
- · · MARKVANDINGSSITUATION 3

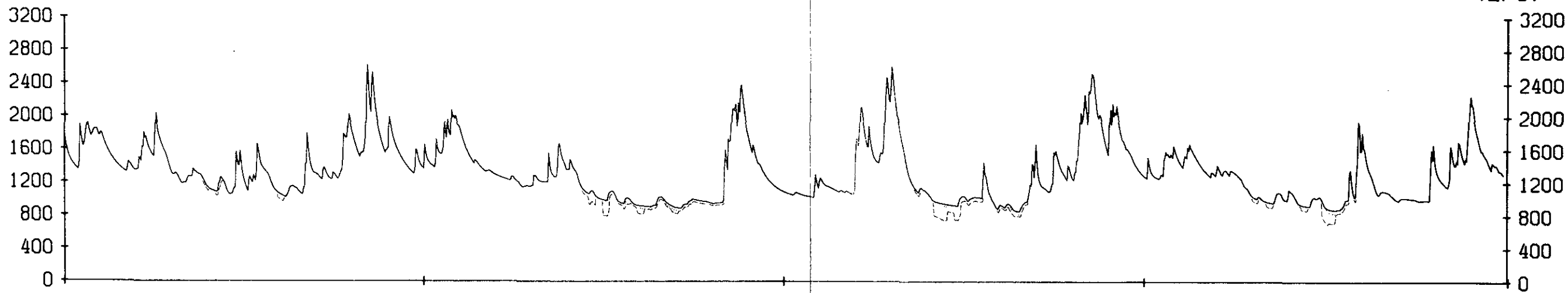
# ST. 10 HADERUP AA, HADERUP

VANDFØRING

VANDFØRING

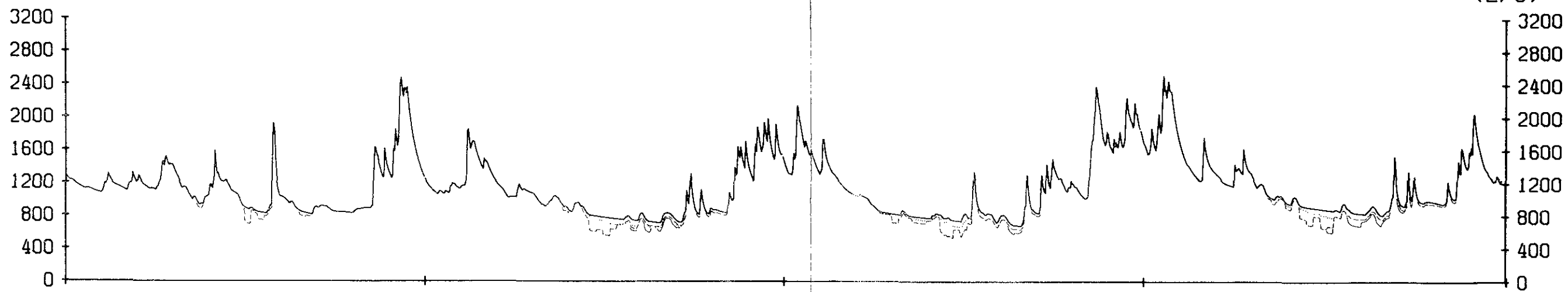
(L/S)

(L/S)



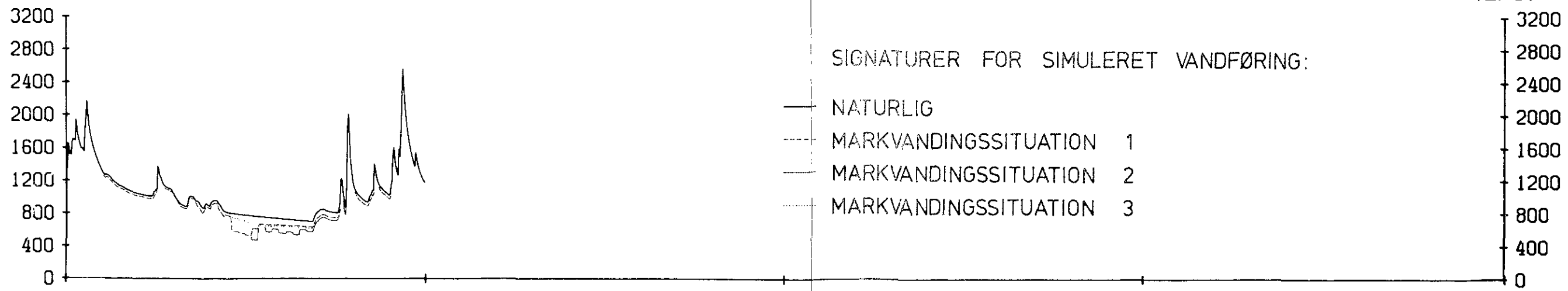
(L/S)

(L/S)



(L/S)

(L/S)



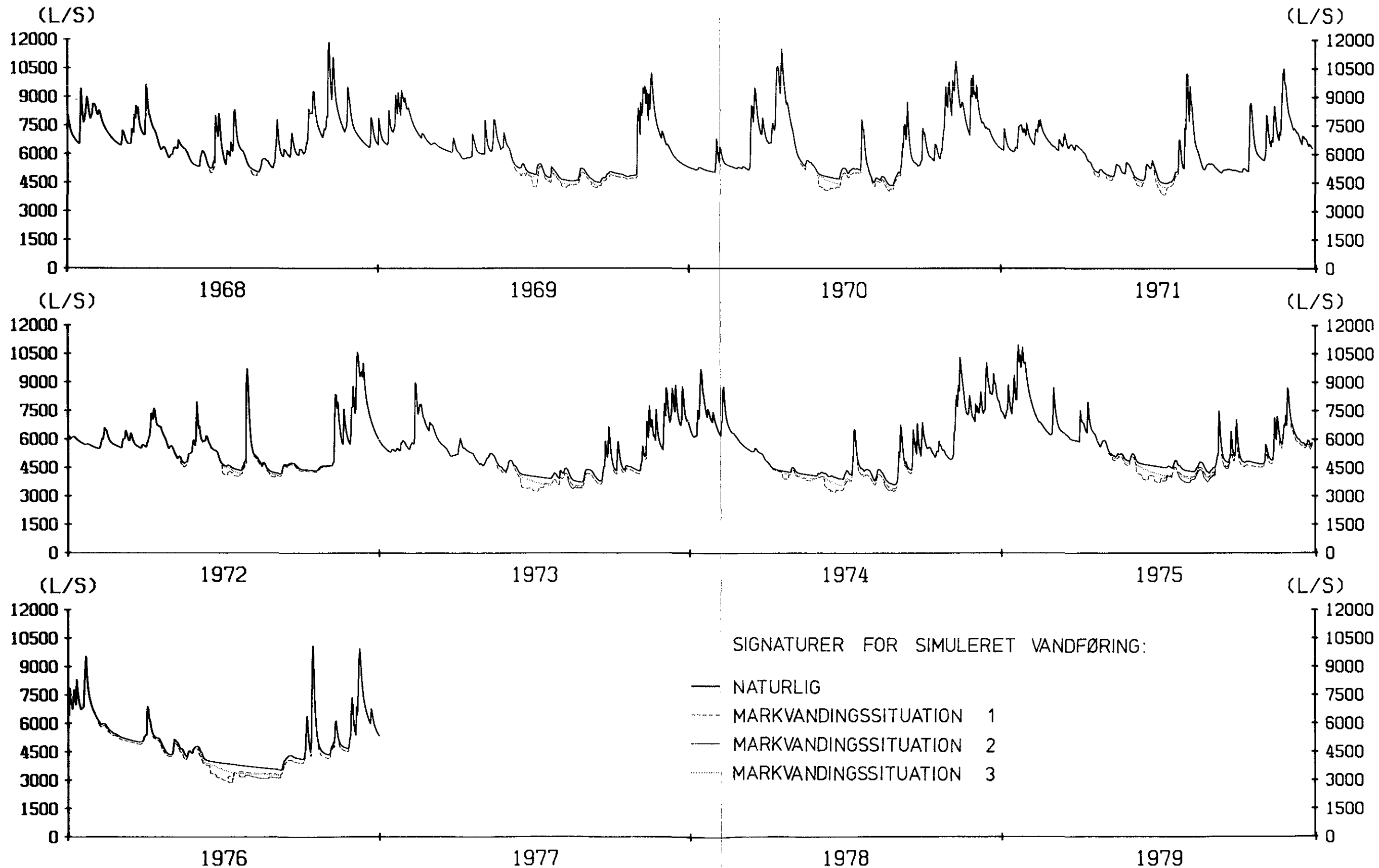
SIGNATURER FOR SIMULERET VANDFØRING:

- NATURLIG
- - - MARKVANDINGSSITUATION 1
- MARKVANDINGSSITUATION 2
- · · MARKVANDINGSSITUATION 3

# ST. 11 KARUP AA, HAGEBRØ

VANDFØRING

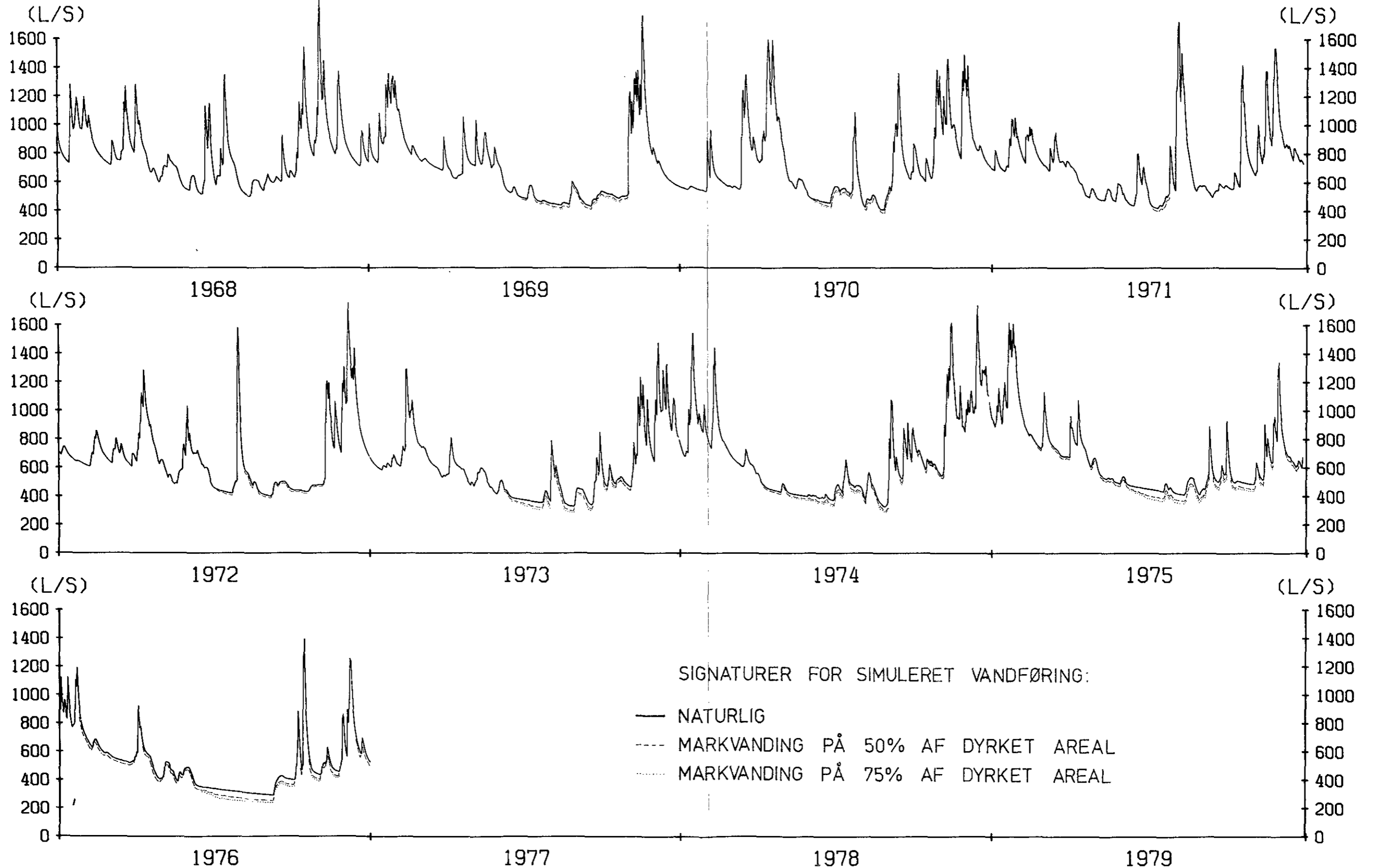
VANDFØRING



# ST. 1 KARUP AA, SKYGGE BRØ

VANDFØRING

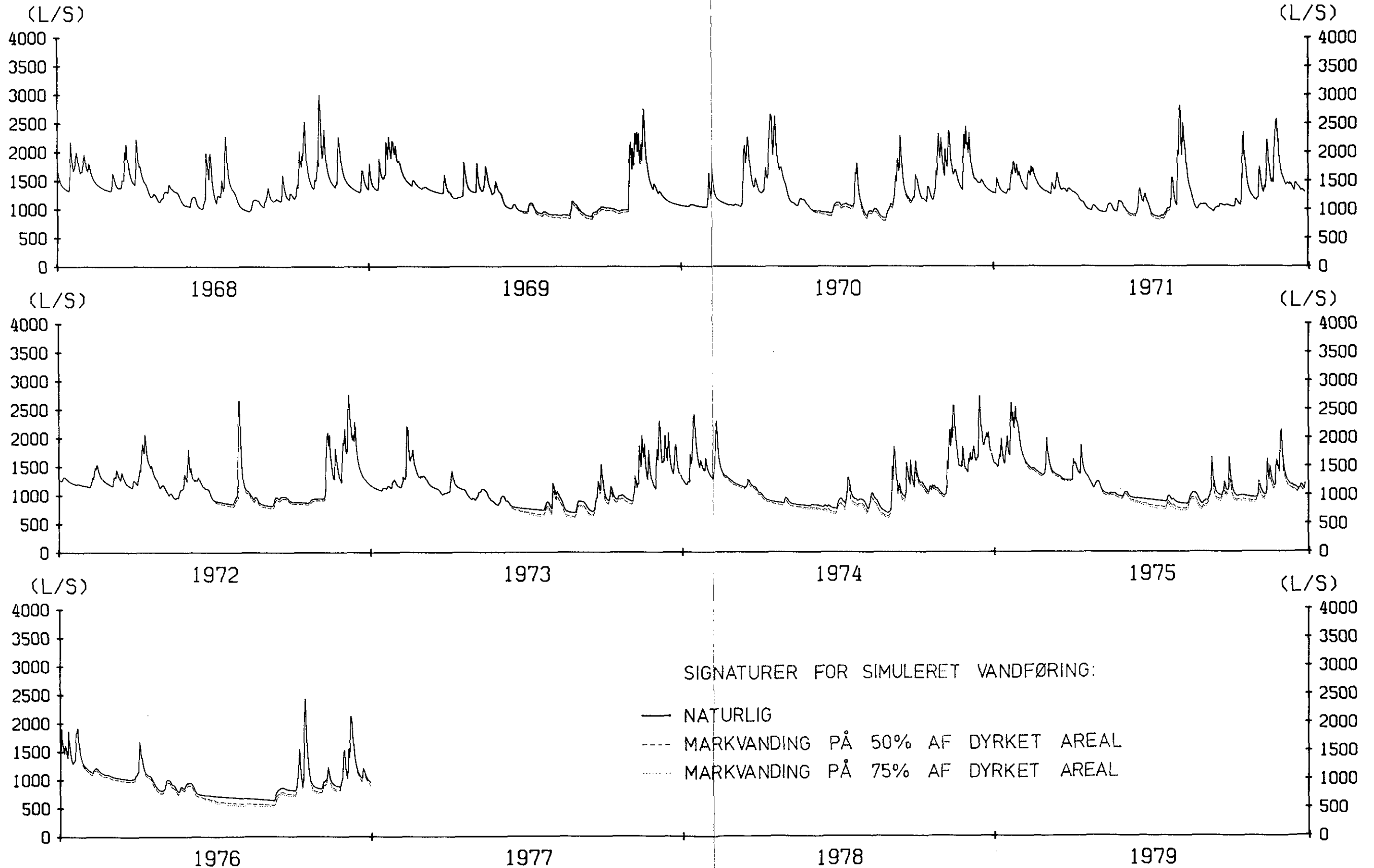
VANDFØRING



# ST. 2 KARUP AA, AGERSKOV

VANDFØRING

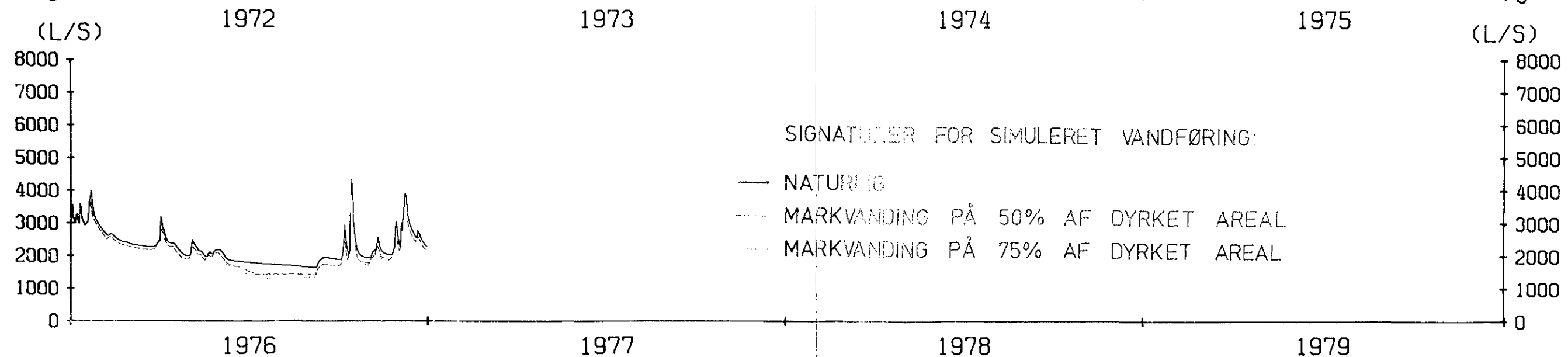
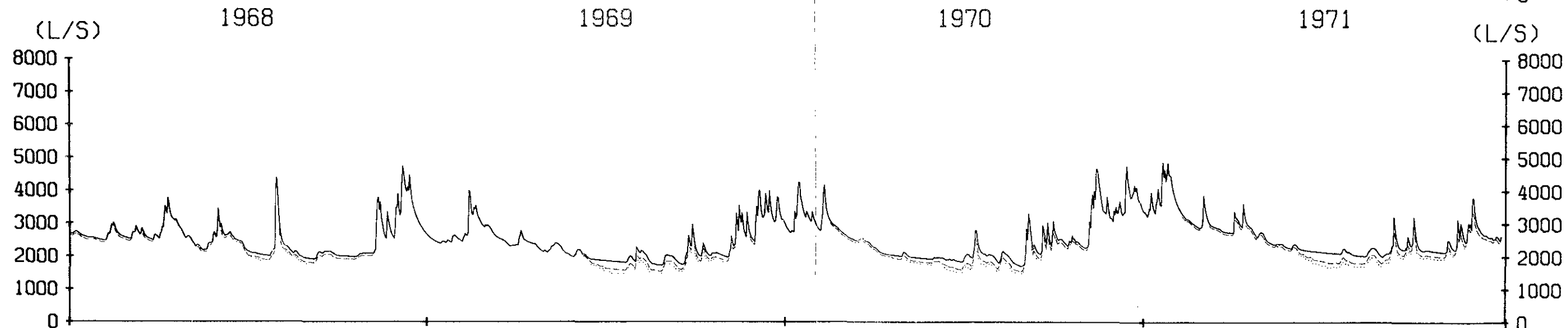
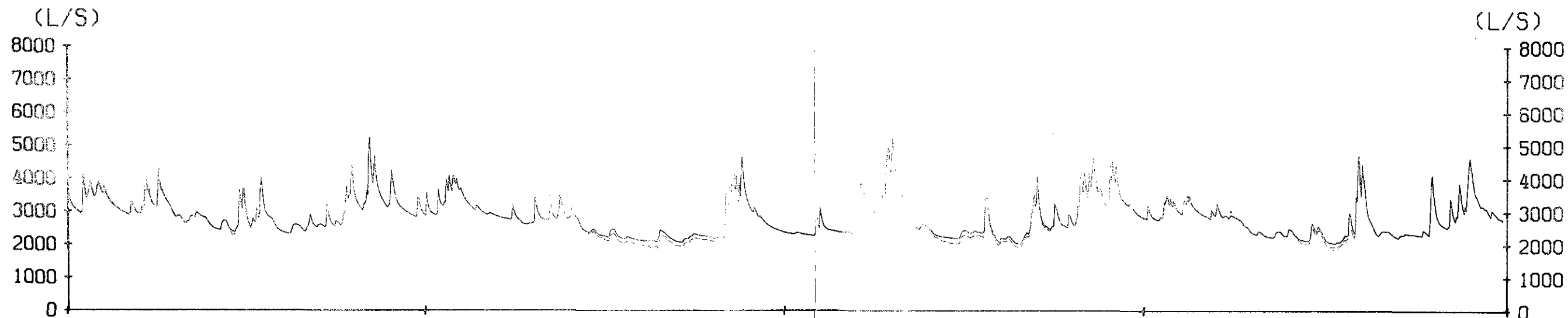
VANDFØRING



# ST. 5 KARUP AA, KARUP

VANDFØRING

VANDFØRING



SIGNATURER FOR SIMULERET VANDFØRING:

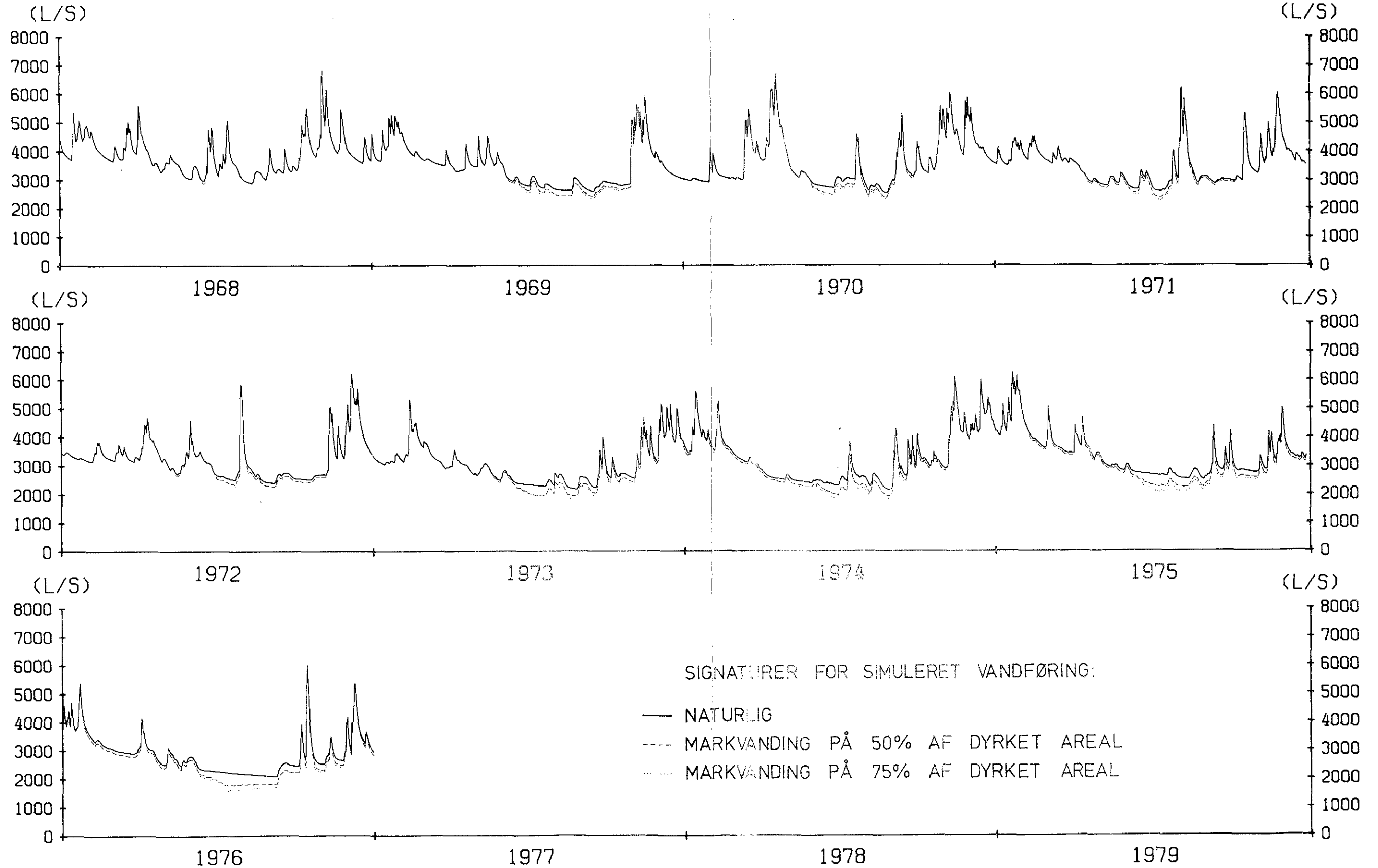
- NATURLIG
- - - MARKVANDING PÅ 50% AF DYRKET AREAL
- · · MARKVANDING PÅ 75% AF DYRKET AREAL



# ST. 7 KARUP AA, RABIS

VANDFØRING

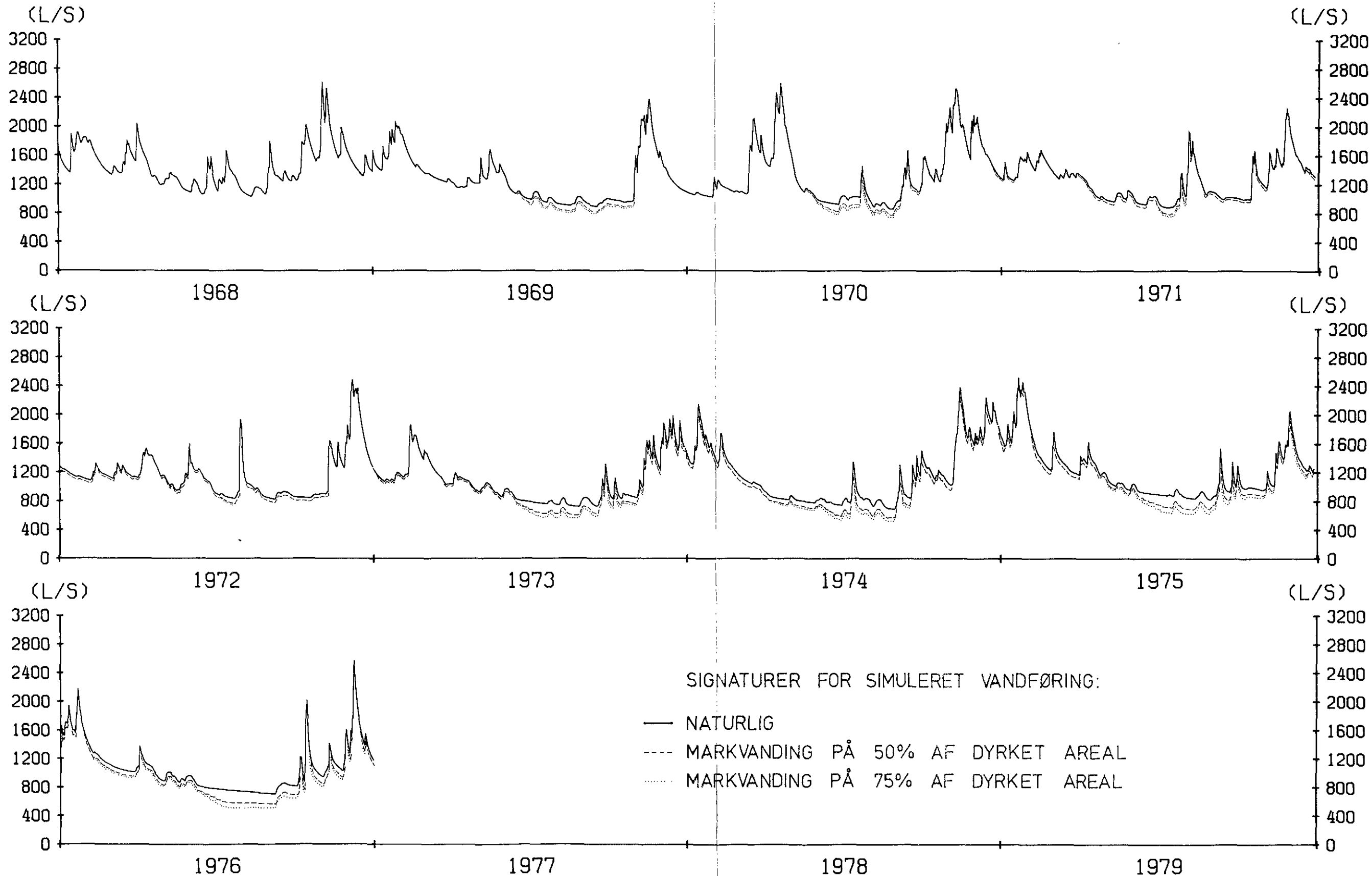
VANDFØRING



# ST. 10 HADERUP AA, HADERUP

VANDFØRING

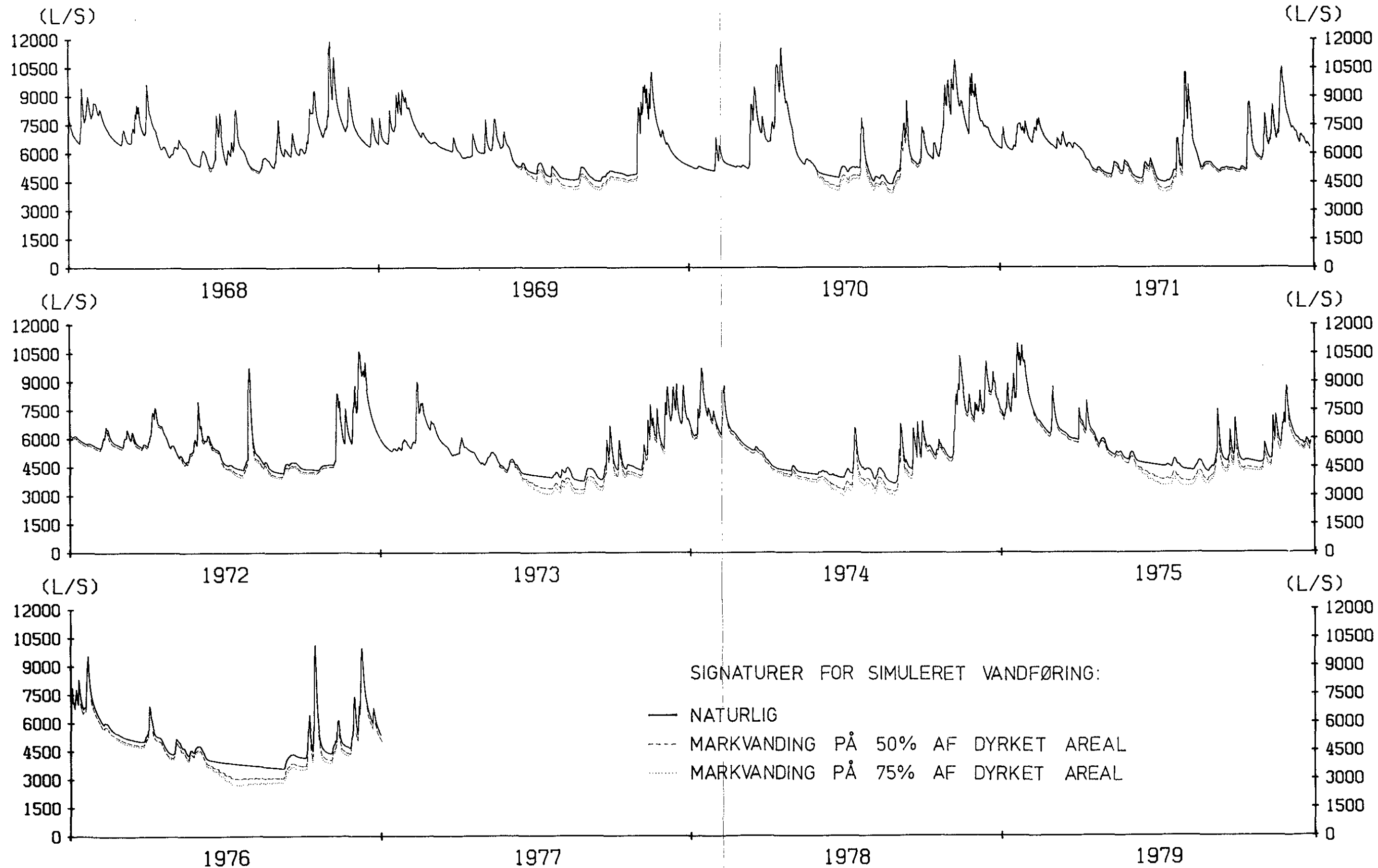
VANDFØRING



# ST. 11 KARUP AA, HAGEBRØ

VANDFØRING

VANDFØRING



# **Bilag: 14**

# ST. 11 KARUP AA, HAGEBRØ

— SIMULERET

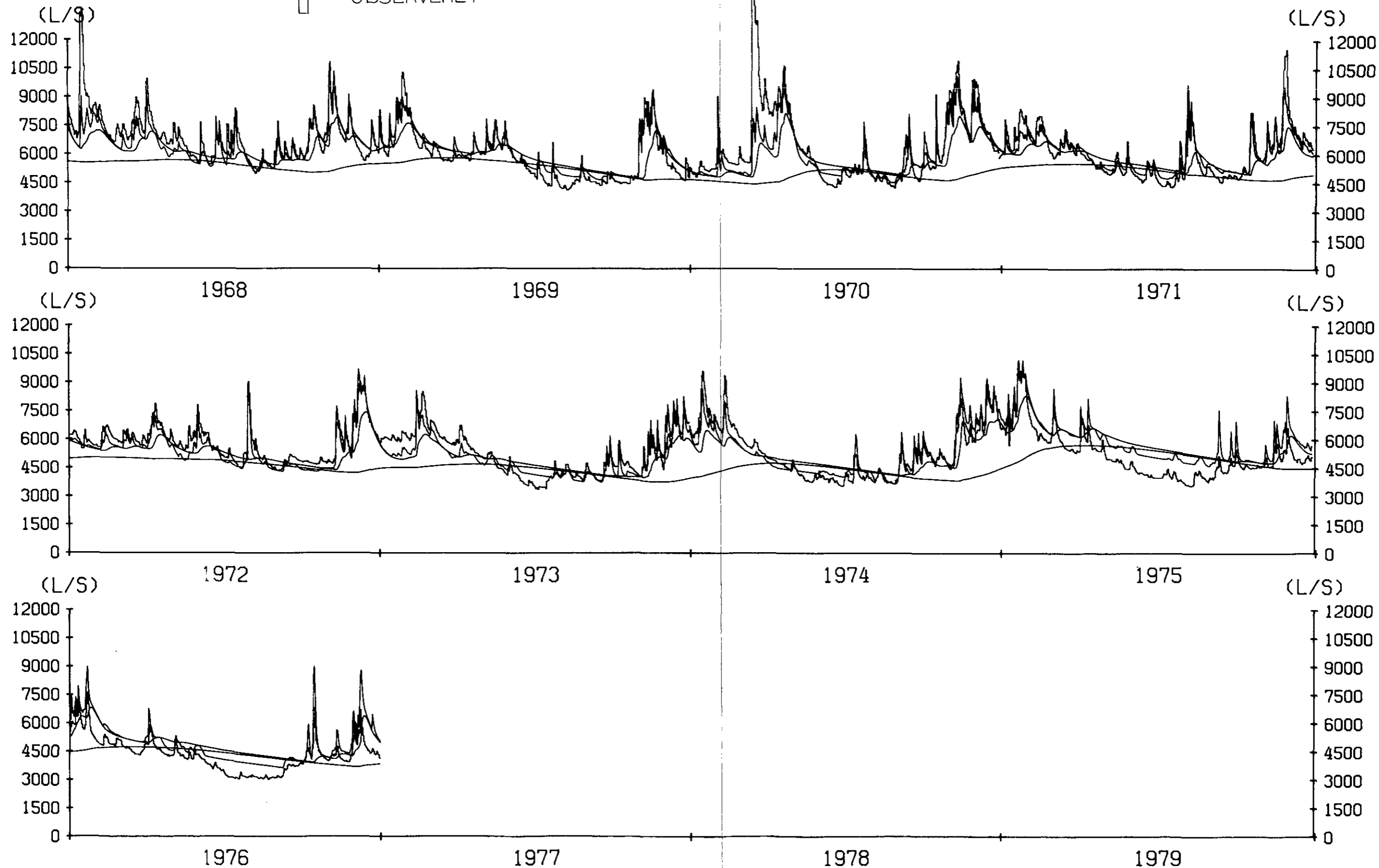
— BASE FLOW

— REG. BF

— OBSERVERET

VANDFØRING

VANDFØRING



# ST. 11 KARIJP AA, HAGEBRØ

— KARUP1-MØD

— KARUP3-MØD

VANDFØRING

VANDFØRING

