

**KONINKLIJK NEDERLANDS
METEOROLOGISCH INSTITUUT**

TECHNISCHE RAPPORTEN

T.R. - 22

(Supplement)

E.Bouws, G.J.Komen, R.A. van Moerkerken,
H.H.Peeck and M.J.M.Saraber.

Tijdreeksen van het KNMI operationele
golfmodel GONO

Supplement bij KNMI technisch rapport T.R. - 22

De Bilt, 1982

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Postbus 201,
3730 AE De Bilt,
Nederland

U.D.C.: 551.466.33

EURO

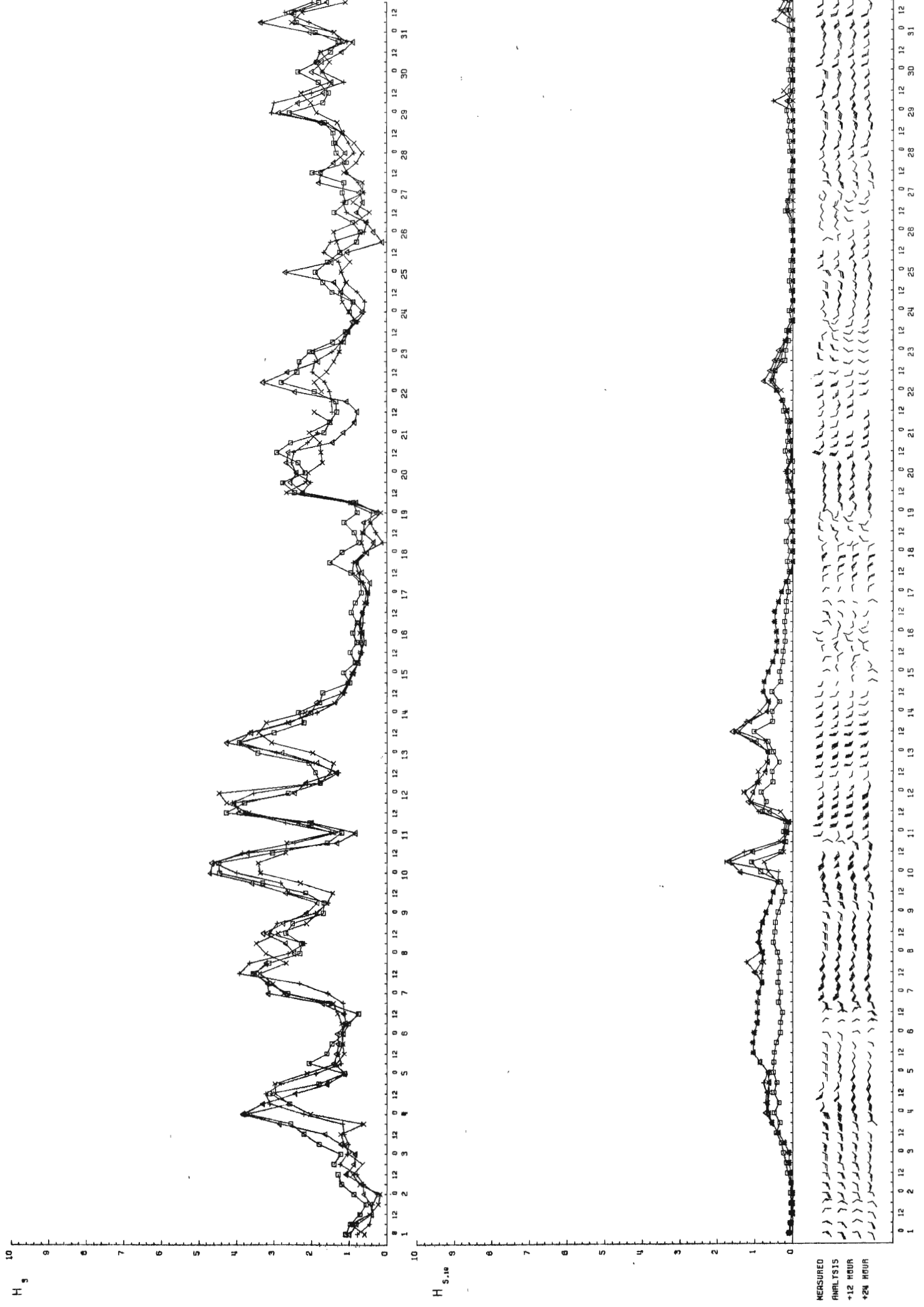
GOND

OCTOBER 1981

- MEASURED
- △ ANALYSIS
- +12 HOUR FORECAST
- +24 HOUR FORECAST

KNMI.
 OPERATIONAL DIVISION AND
 THEORY AND MODELLING GROUP OF
 DIVISION OCEANOGRAPHY.

fig.1



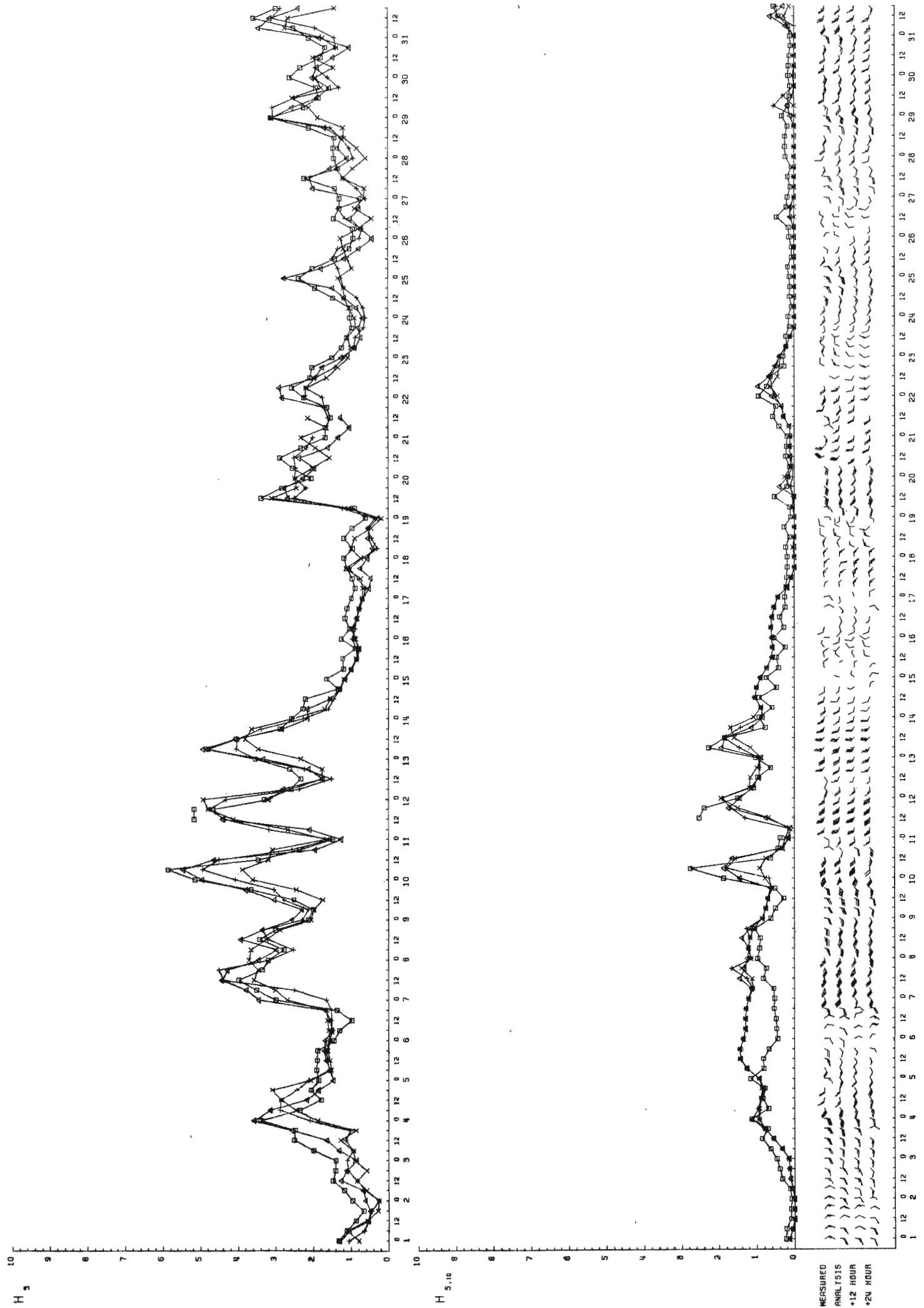
IJMUIDEN

G0N0
OCTOBER 1981

- MEASURED
- △ ANALYSIS
- +12 HOUR FORECAST
- +24 HOUR FORECAST

KNMI.
OPERATIONAL DIVISION AND
THEORY AND MODELLING GROUP OF
DIVISION OCEANOGRAPHY.

fig.2



PENNZOIL

GONO
OCTOBER 1981

MEASURED
ANALYSIS
+12 HOUR FORECAST
+24 HOUR FORECAST

KNMI.
OPERATIONAL DIVISION AND
THEORY AND MODELLING GROUP OF
DIVISION OCEANOGRAPHY.

fig. 3

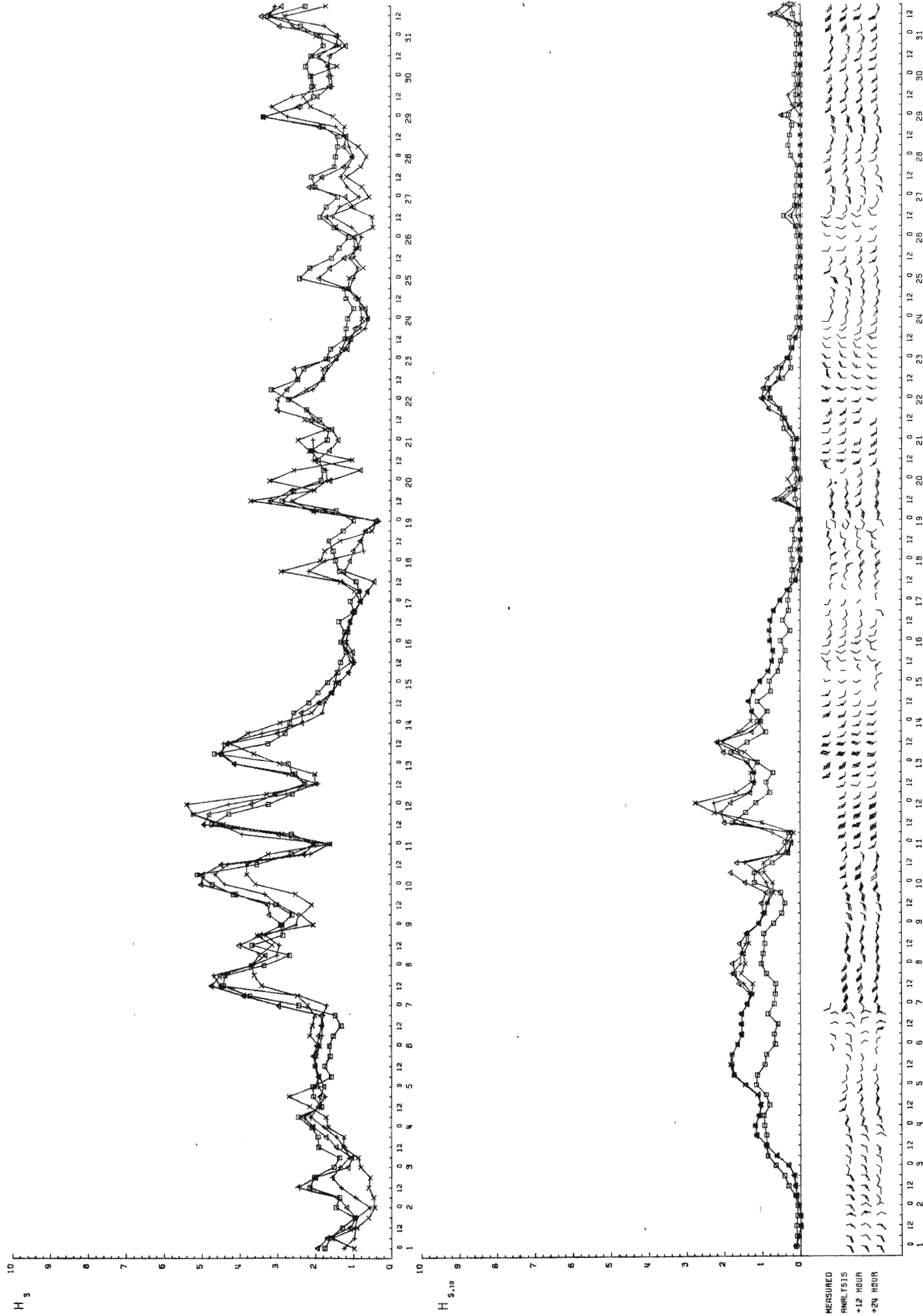
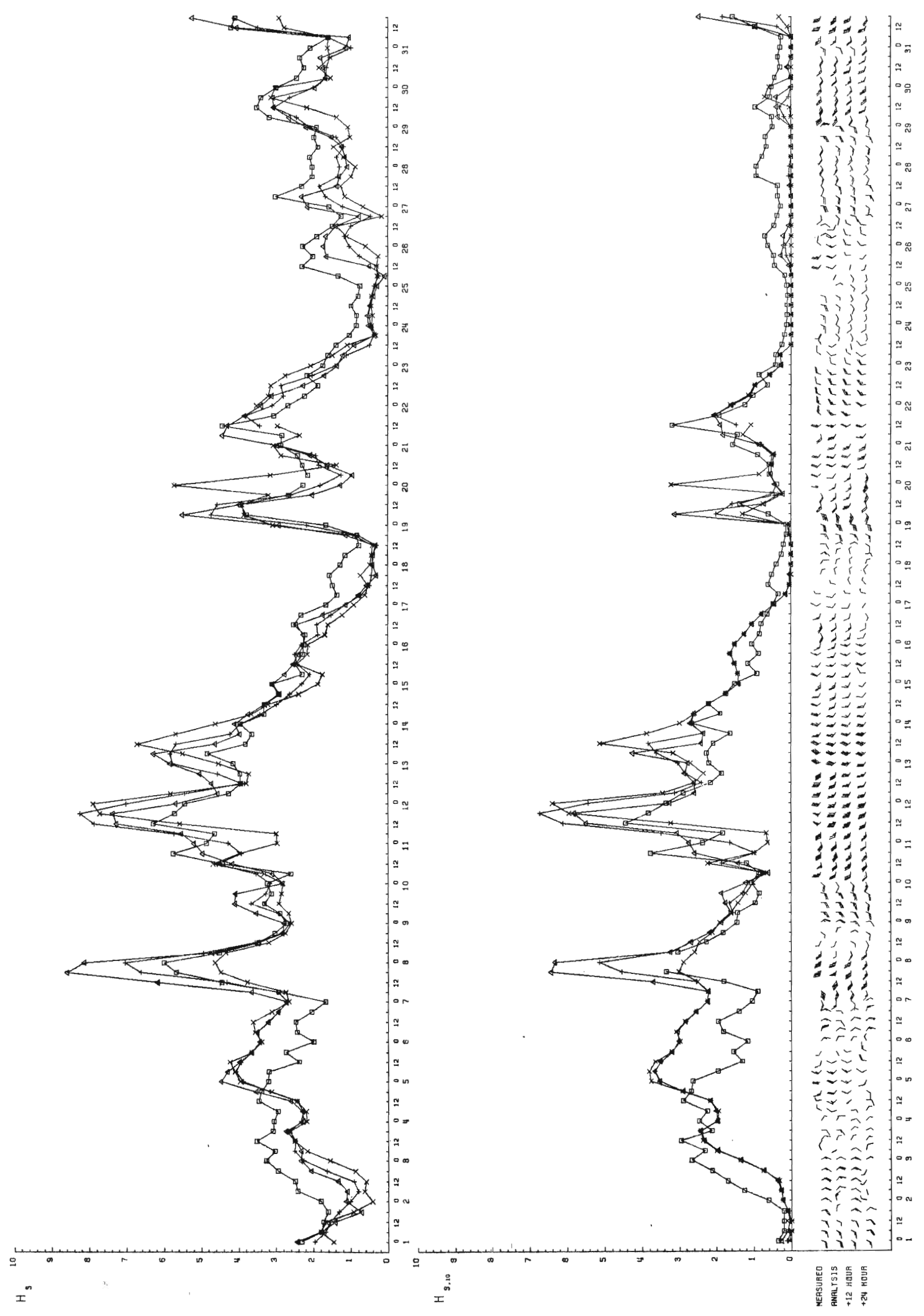


fig. 4

□ MEASURED
 △ ANALYSIS
 + 12 HOUR FORECAST
 × 24 HOUR FORECAST



MEASURED
 ANALYSIS
 +12 HOUR
 +24 HOUR

BRENT

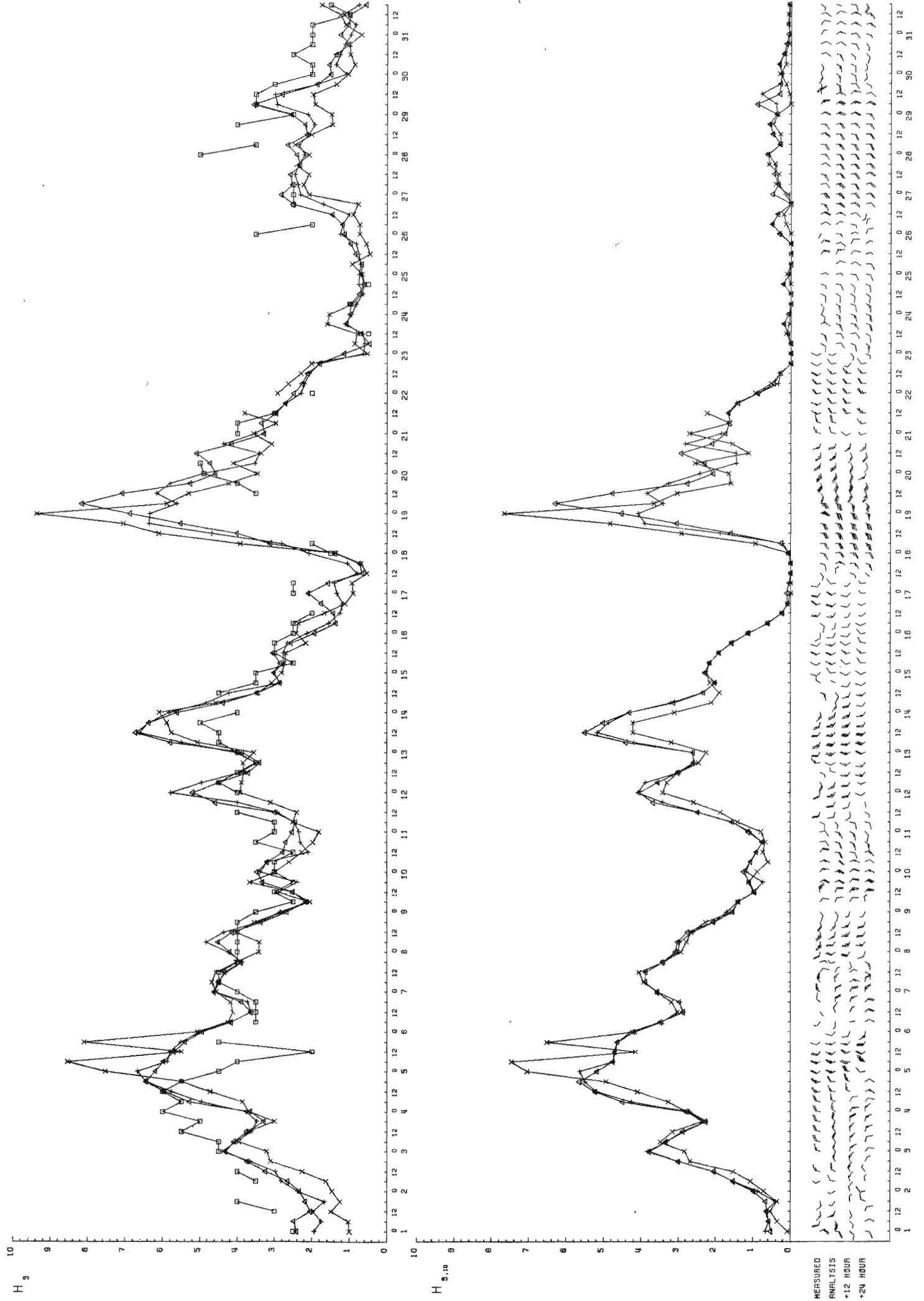
GONO

OCTOBER 1981

□ MEASURED
 △ ANALYSIS
 +12 HOUR FORECAST
 × +24 HOUR FORECAST

KNMI.
 OPERATIONAL DIVISION AND
 THEORY AND MODELLING GROUP OF
 DIVISION OCEANOGRAPHY.

fig. 5

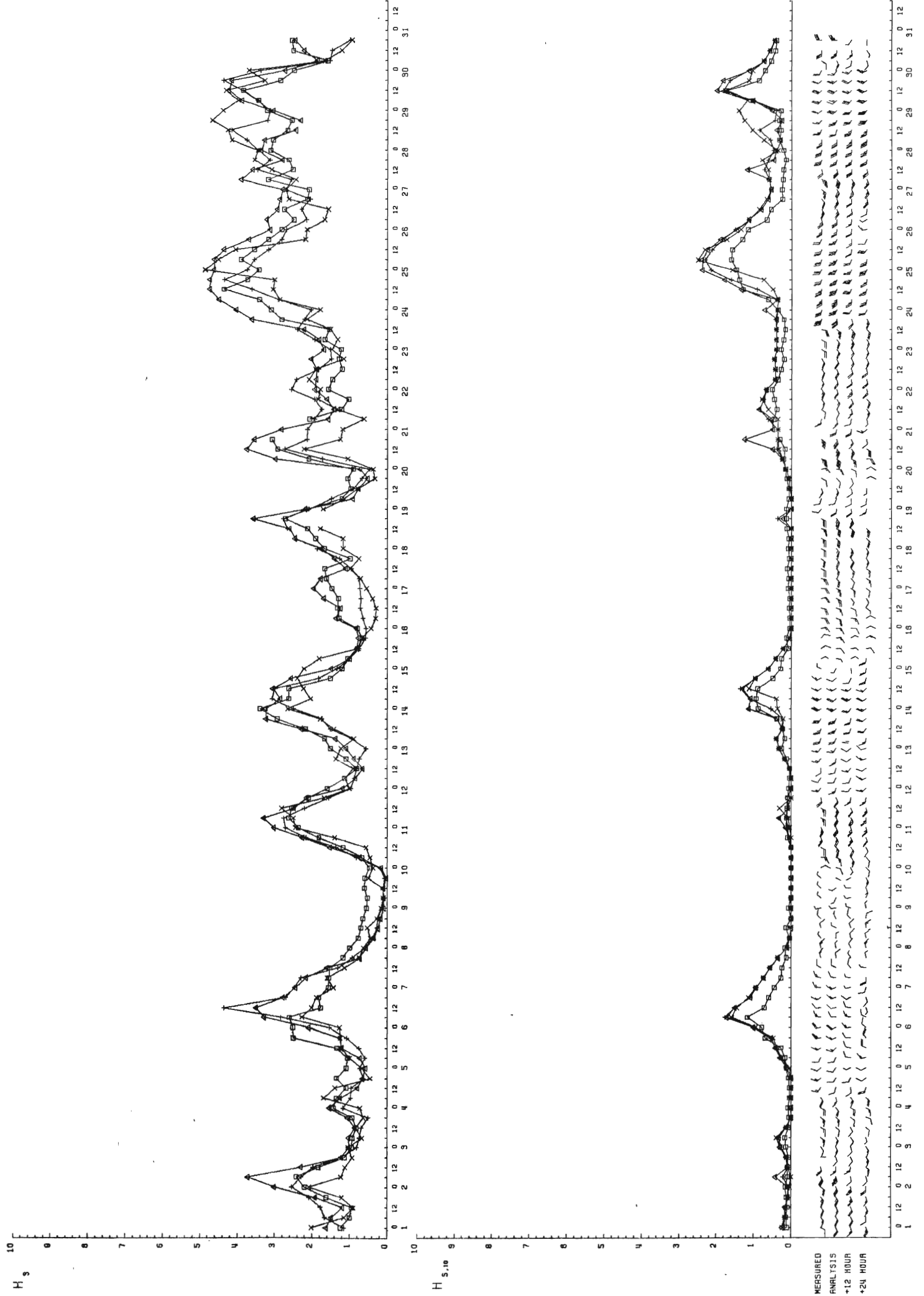


EURO

GOND
NOVEMBER 1981

- MEASURED
- △ ANALYSIS
- +12 HOUR FORECAST
- +24 HOUR FORECAST

KNMI.
OPERATIONAL DIVISION AND
THEORY AND MODELLING GROUP OF
DIVISION OCEANOGRAPHY.
fig. 6



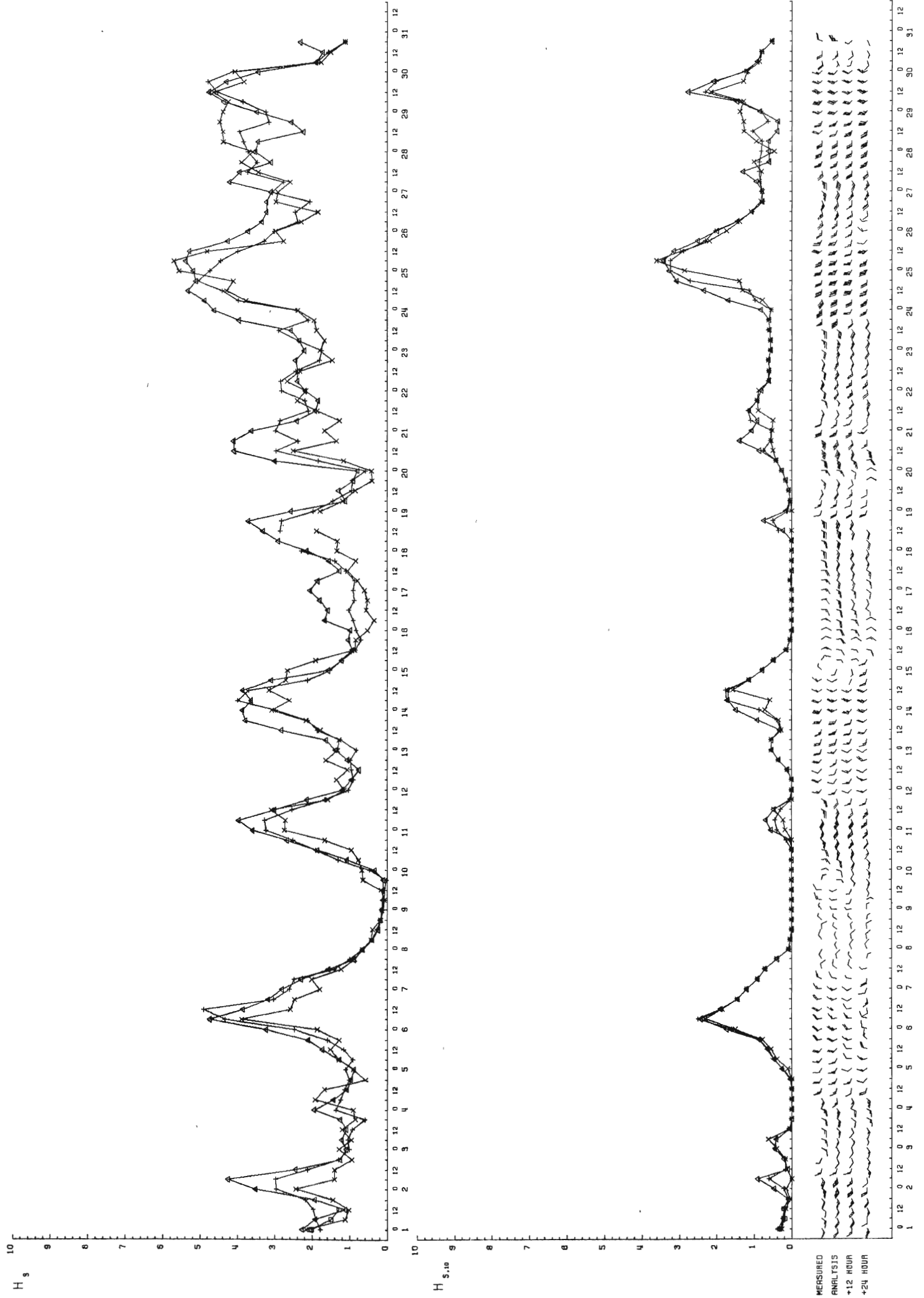
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GGND

NOVEMBER 1981

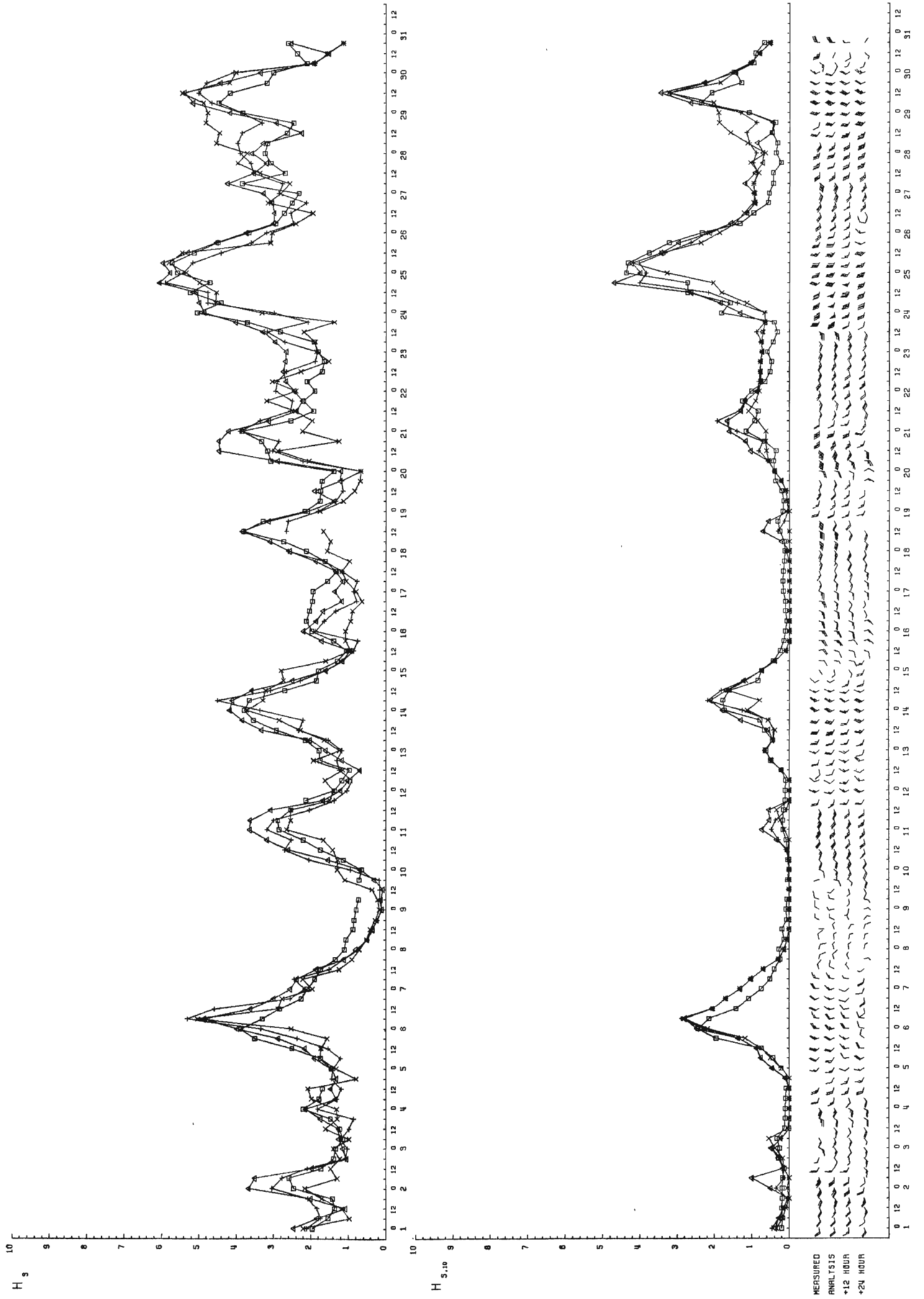
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- △ ANALYSIS
- +12 HOUR FORECAST
- x +24 HOUR FORECAST

KNMI.
OPERATIONAL DIVISION AND
THEORY AND MODELLING GROUP OF
DIVISION OCEANOGRAPHY.
fig. 7



PENNZÖIL
 GONG
 NOVEMBER 1981

□ MEASURED
 △ ANALYSIS
 + 12 HOUR FORECAST
 × 24 HOUR FORECAST



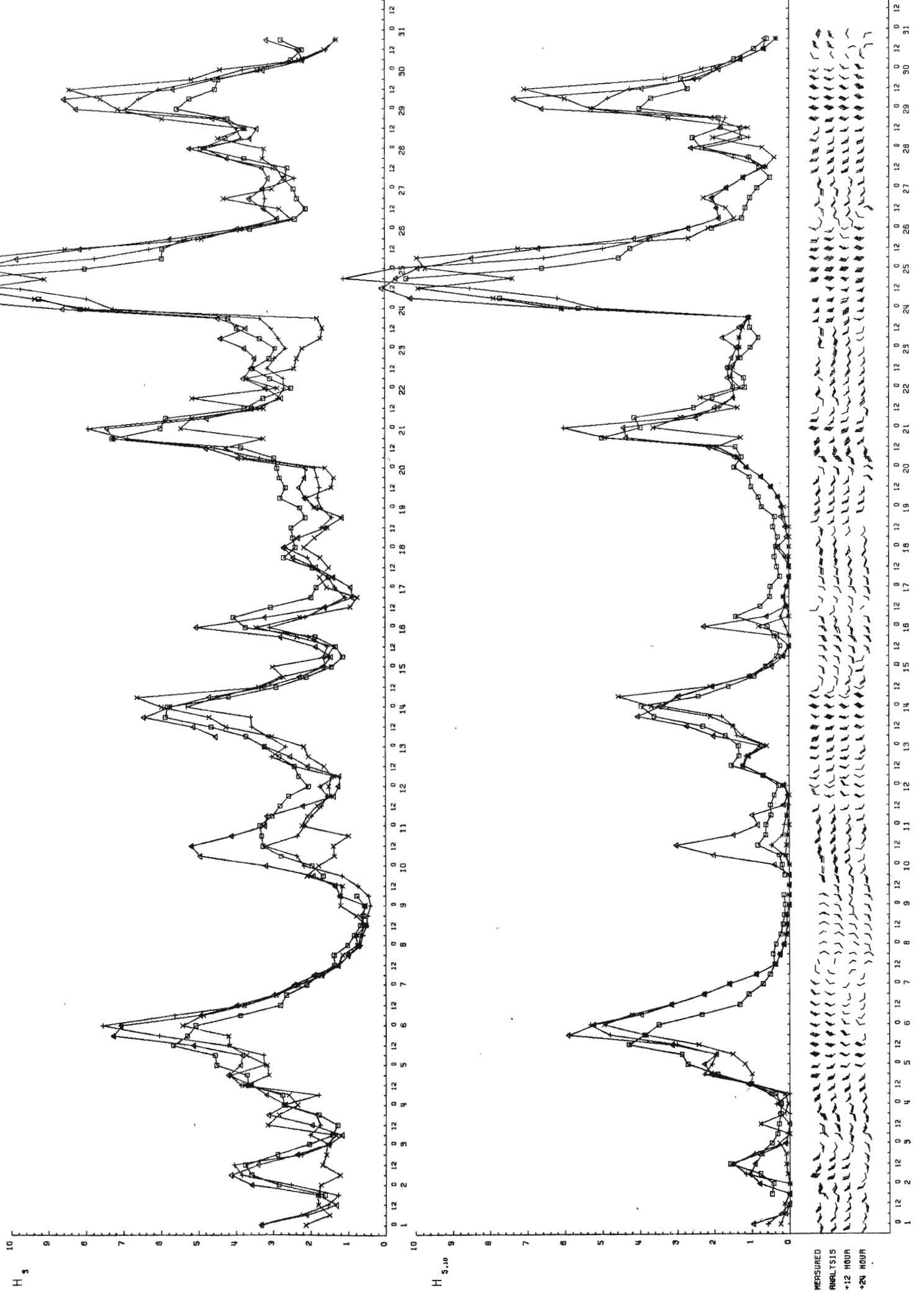
KNMI.
 OPERATIONAL DIVISION AND
 THEORY AND MODELLING GROUP OF
 DIVISION OCEANOGRAPHY.
 fig. 8

AUK
COND

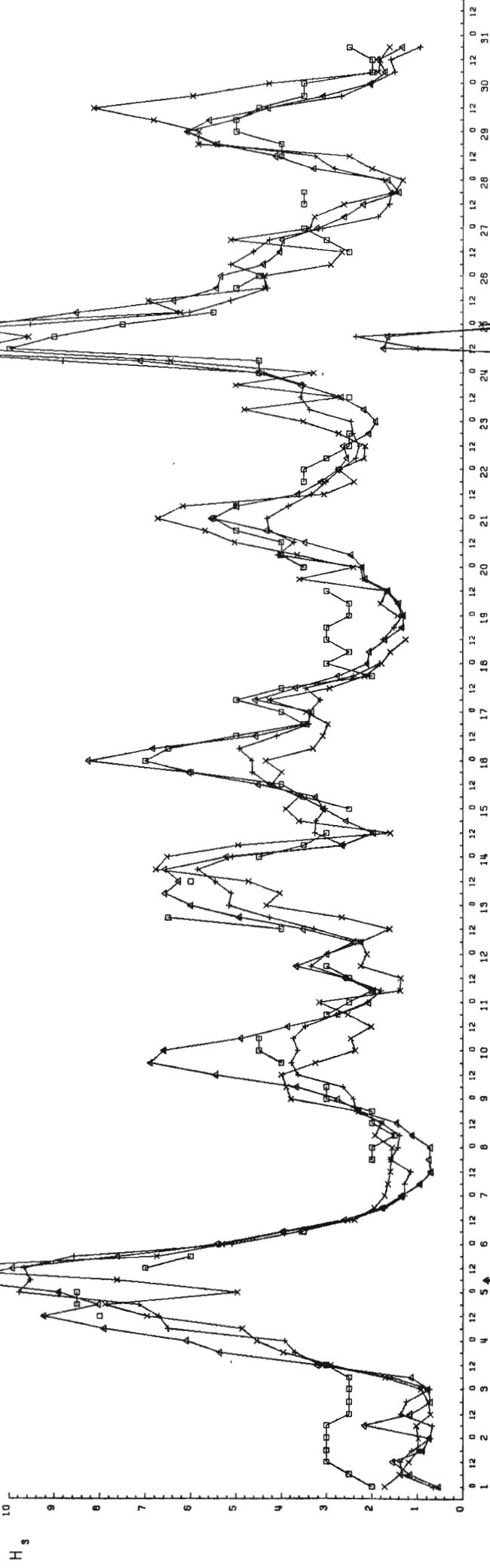
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x +24 HOUR FORECAST

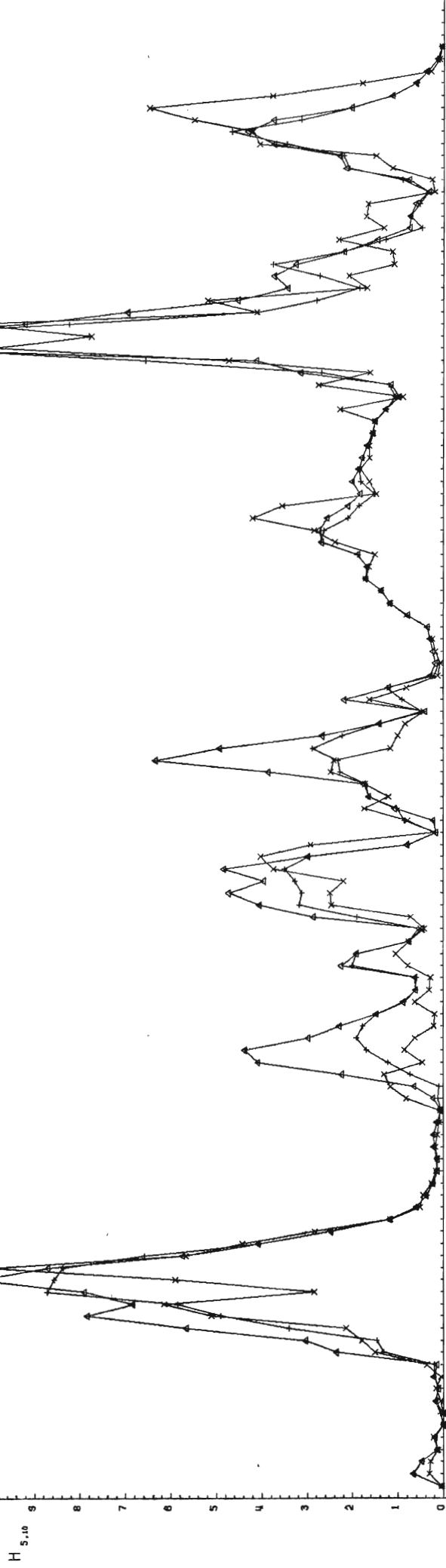
KNMI.
OPERATIONAL DIVISION AND
THEORY AND MODELLING GROUP OF
DIVISION OCEANOGRAPHY.
fig.9



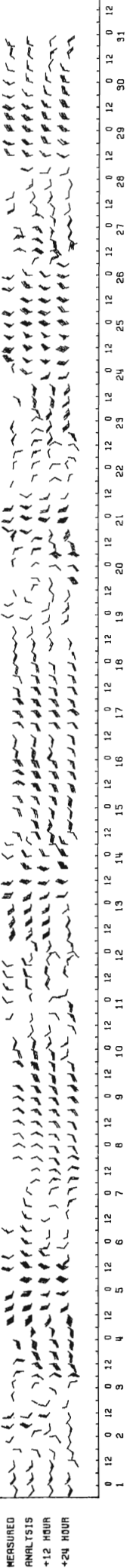
MEASURED
 ANALYSIS
 +12 HOUR FORECAST
 +24 HOUR FORECAST



H_{5,10}



MEASURED
 ANALYSIS
 +12 HOUR
 +24 HOUR



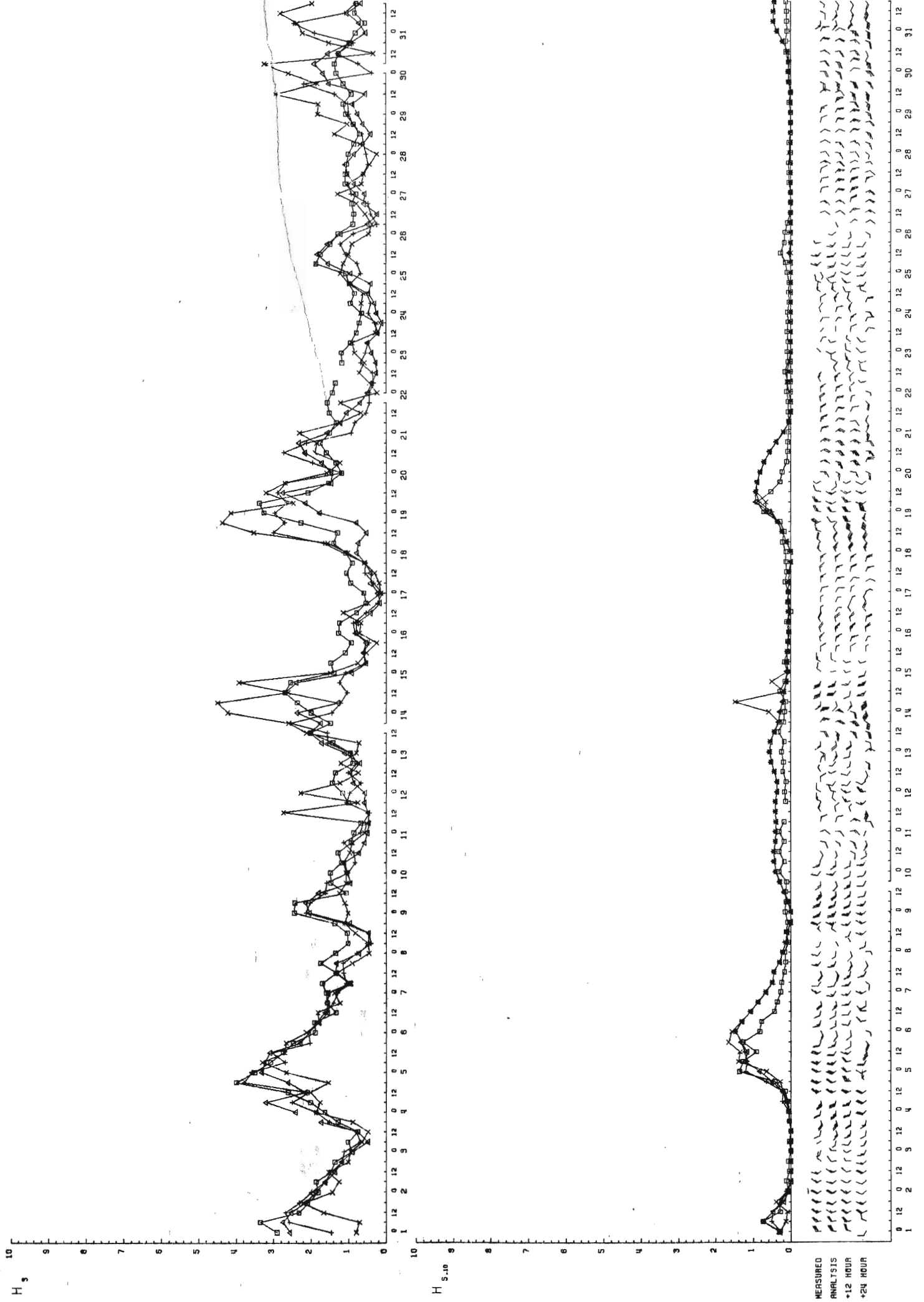
EURO

GONO

DECEMBER 1981

- MEASURED
- △ ANALYSIS
- +12 HOUR FORECAST
- +24 HOUR FORECAST

KNMI.
OPERATIONAL DIVISION AND
THEORY AND MODELLING GROUP OF
DIVISION OCEANOGRAPHY.
fig.11



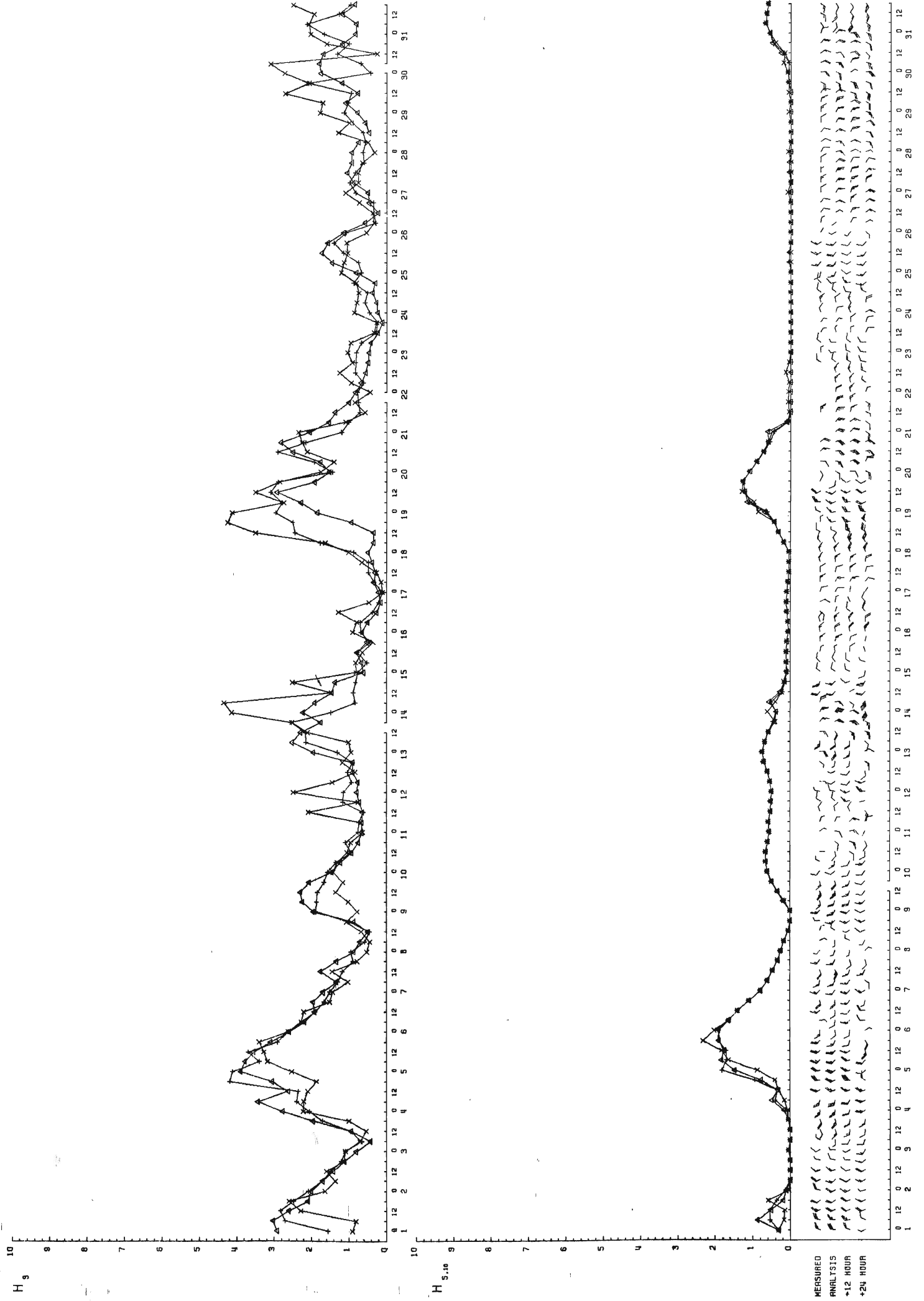
IJMUIDEN

GOND

DECEMBER 1981

□ MEASURED
△ ANALYSIS
+12 HOUR FORECAST
x +24 HOUR FORECAST

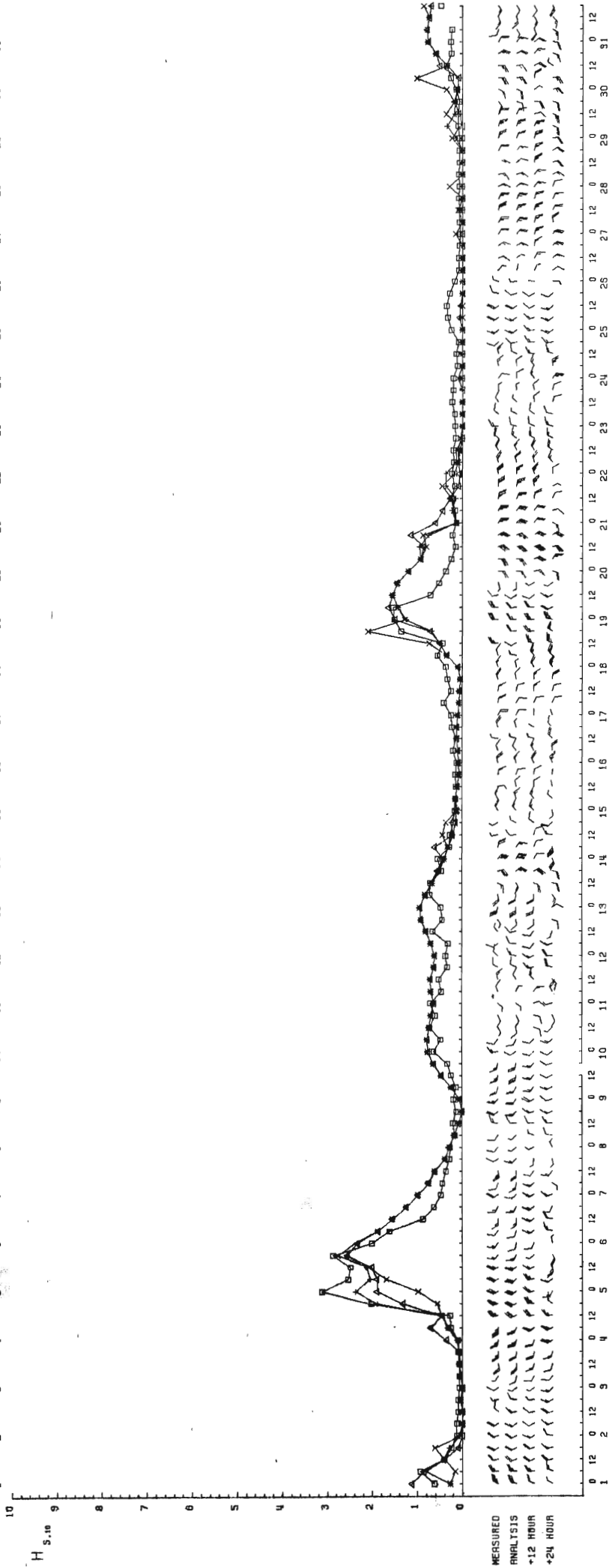
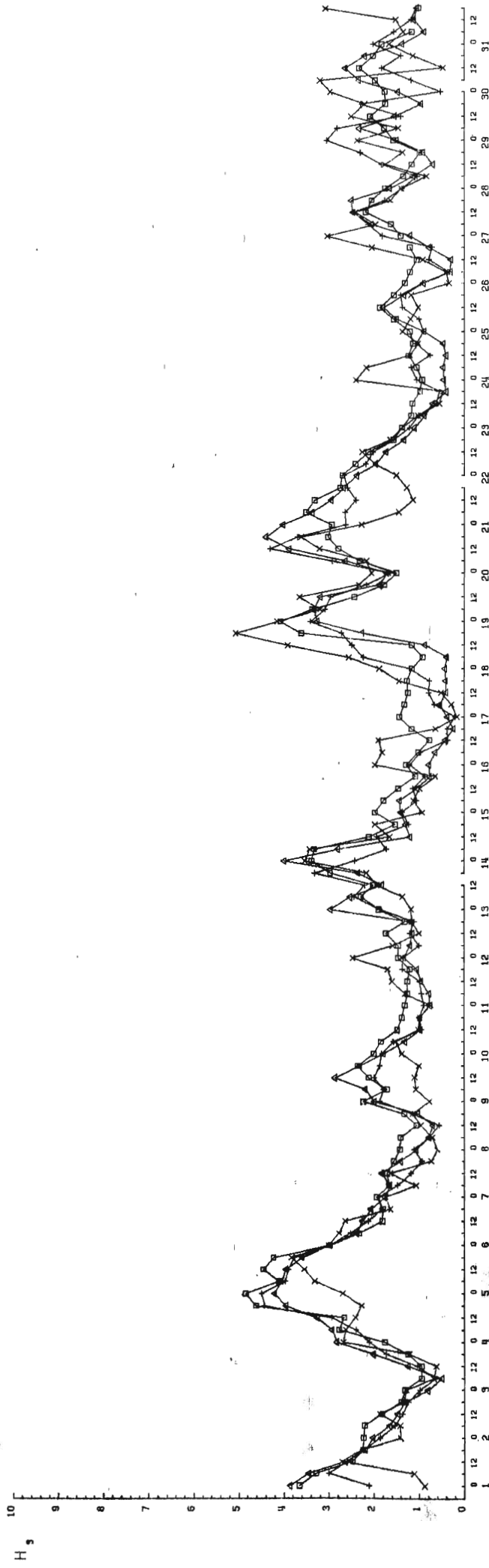
KNMI.
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THEORY AND MODELLING GROUP OF
DIVISION OCEANOGRAPHY.
fig.12



PENNZOIL
GONG

DECEMBER 1981

- MEASURED
- △ ANALYSIS
- +12 HOUR FORECAST
- +24 HOUR FORECAST



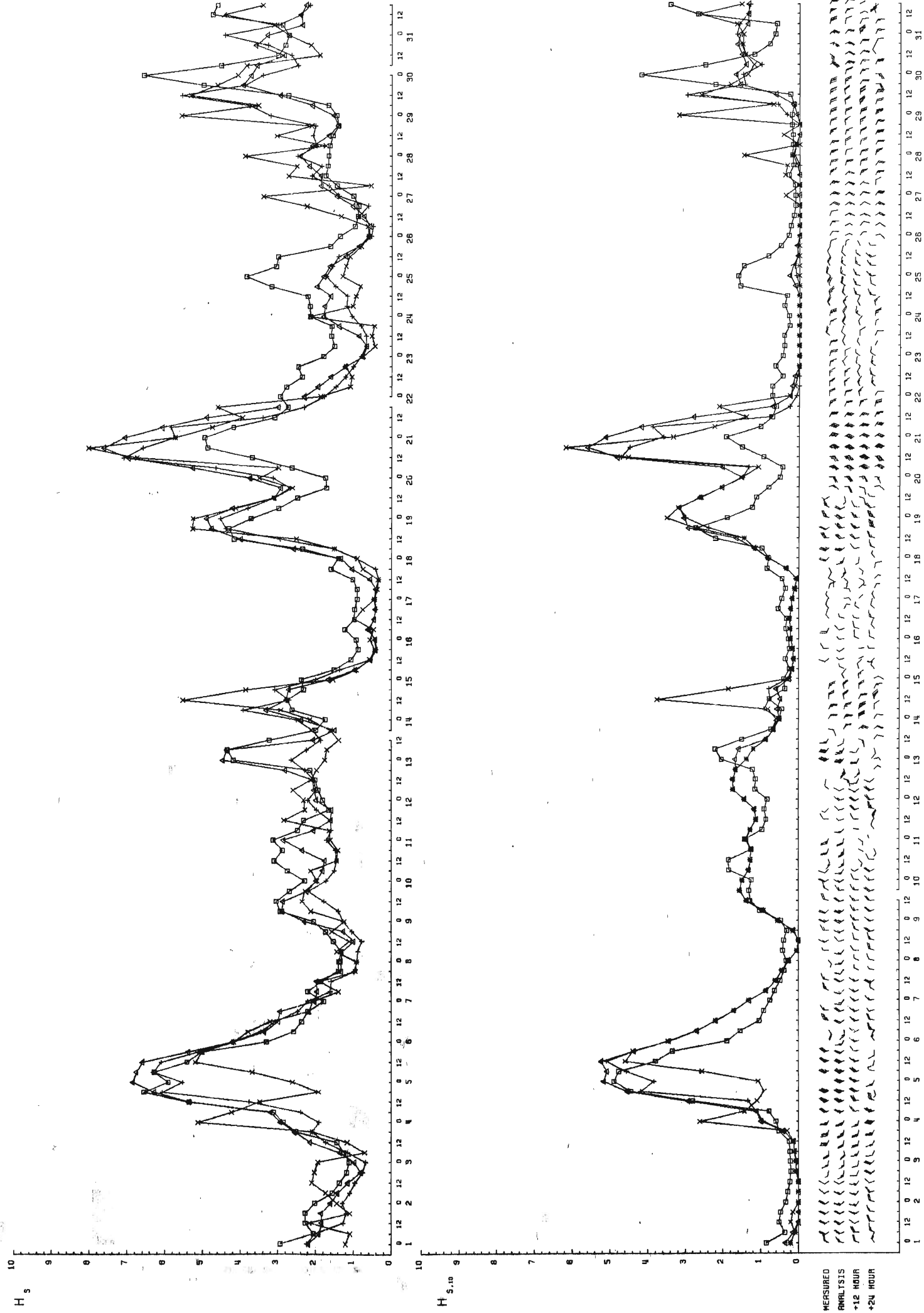
KNMI.
OPERATIONAL DIVISION AND
THEORY AND MODELLING GROUP OF
DIVISION OCEANOGRAPHY.
fig.13

AUK
GONO

DECEMBER 1981

□ MEASURED
△ ANALYSIS
— +12 HOUR FORECAST
— +24 HOUR FORECAST

KNMI.
OPERATIONAL DIVISION AND
THEORY AND MODELLING GROUP OF
DIVISION OCEANOGRAPHY.
fig. 14



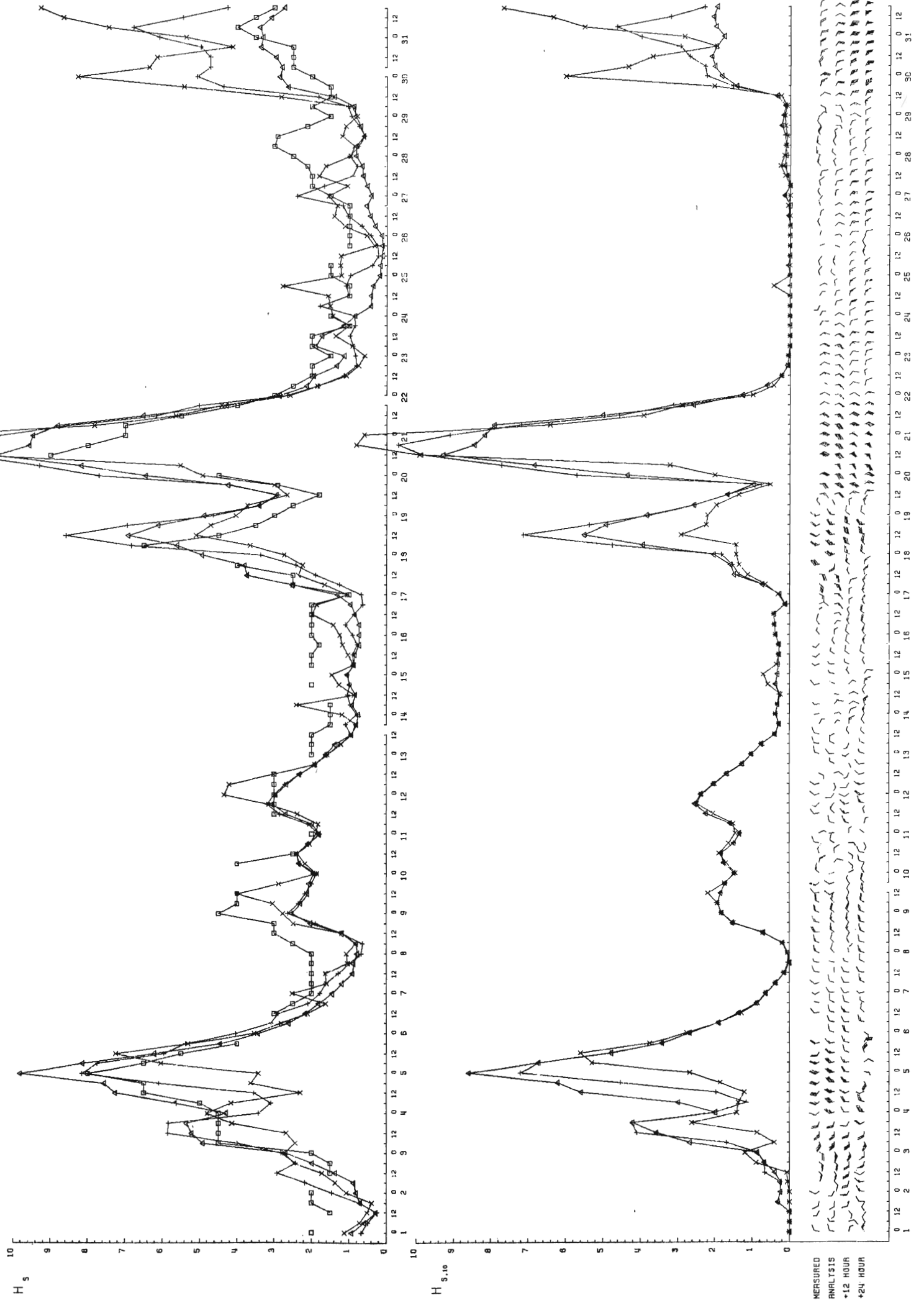
BRENT

GONO

DECEMBER 1981

- MEASURED
- △ ANALYSIS
- +12 HOUR FORECAST
- +24 HOUR FORECAST

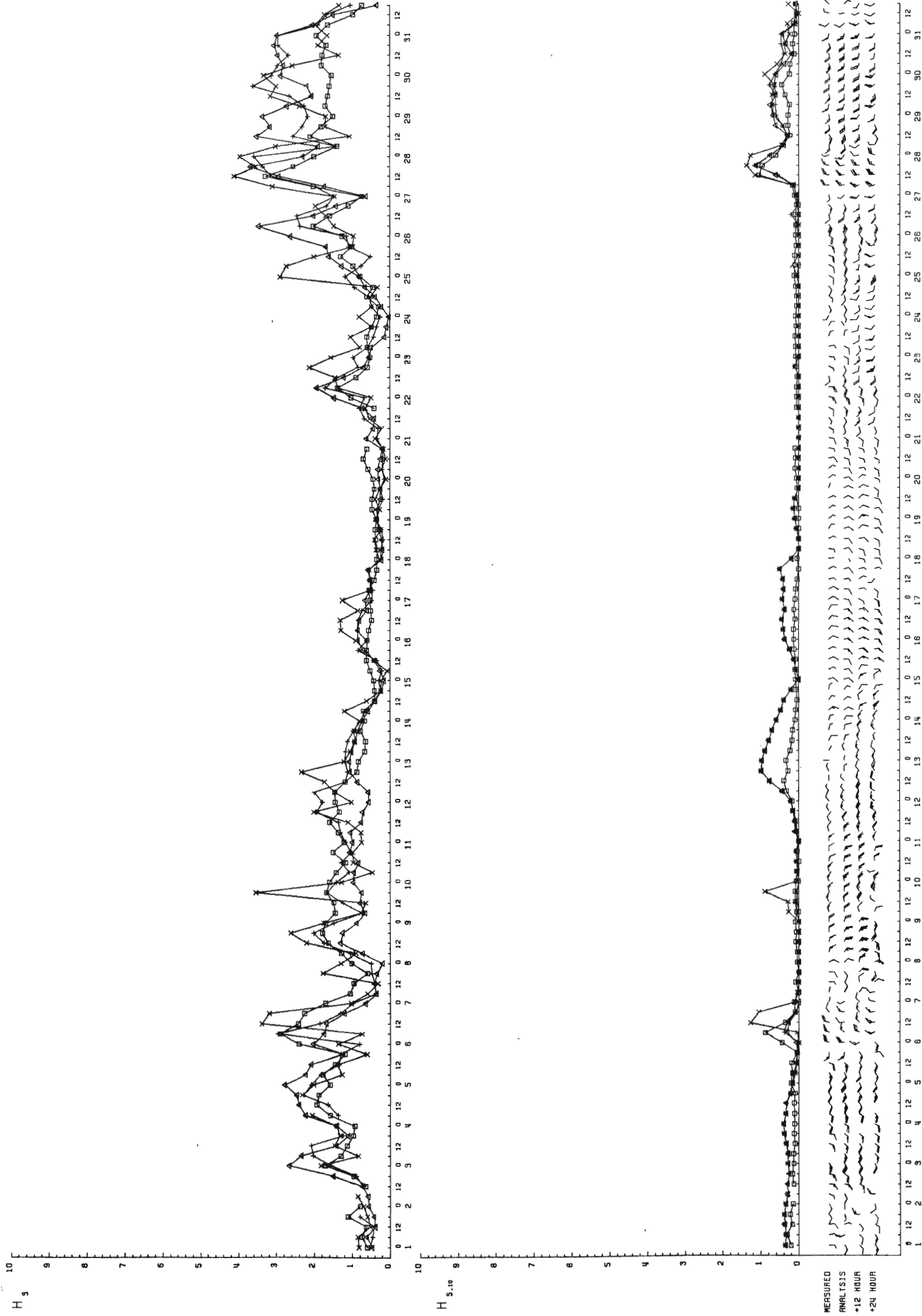
KNMI.
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 DIVISION OCEANOGRAPHY.
 fig. 15



EURO
GONG
JANUARY 1982

□ MEASURED
△ ANALYSIS
+12 HOUR FORECAST
x +24 HOUR FORECAST

KNMI.
OPERATIONAL DIVISION AND
THEORY AND MODELLING GROUP OF
DIVISION OCEANOGRAPHY.
fig.16



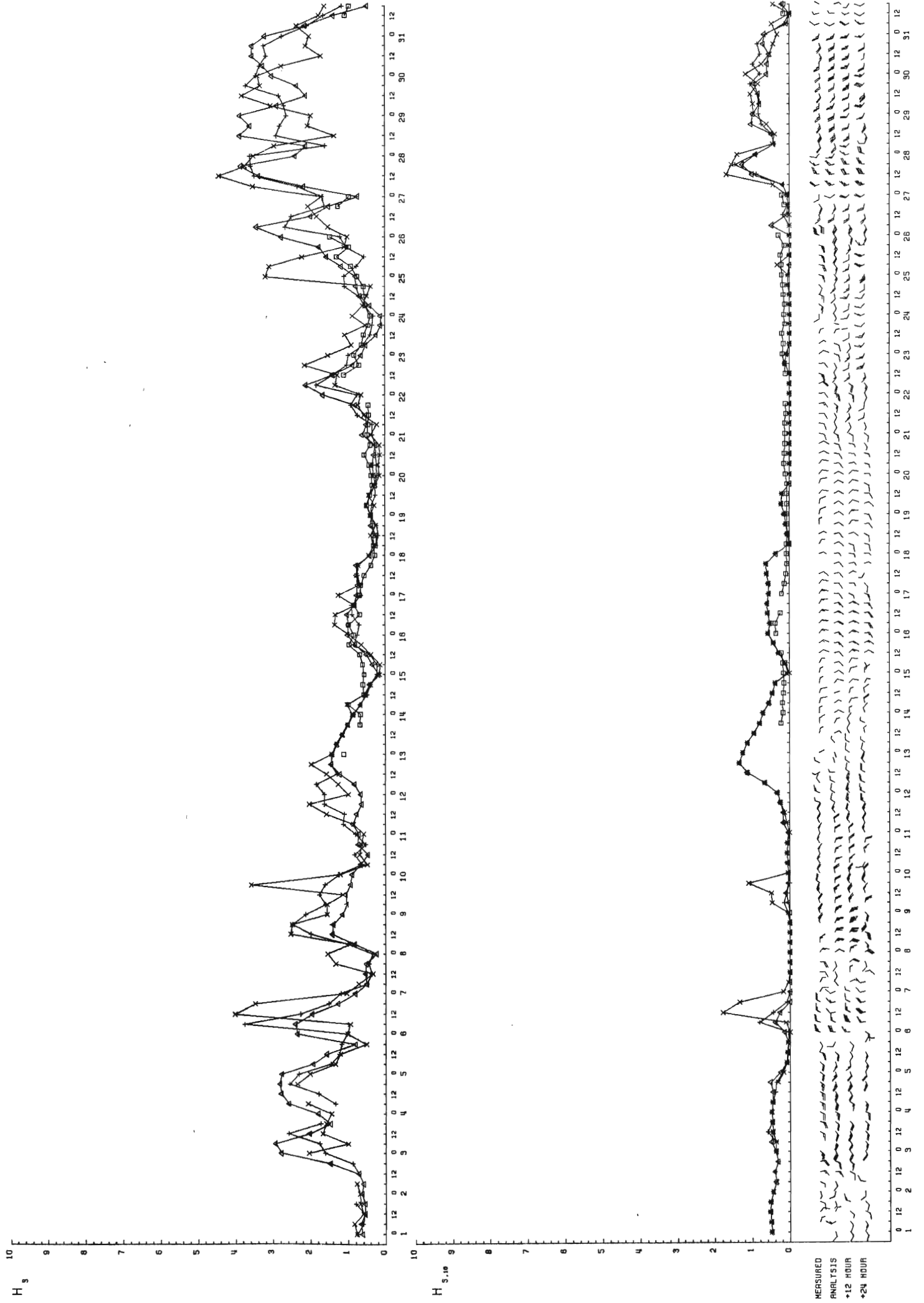
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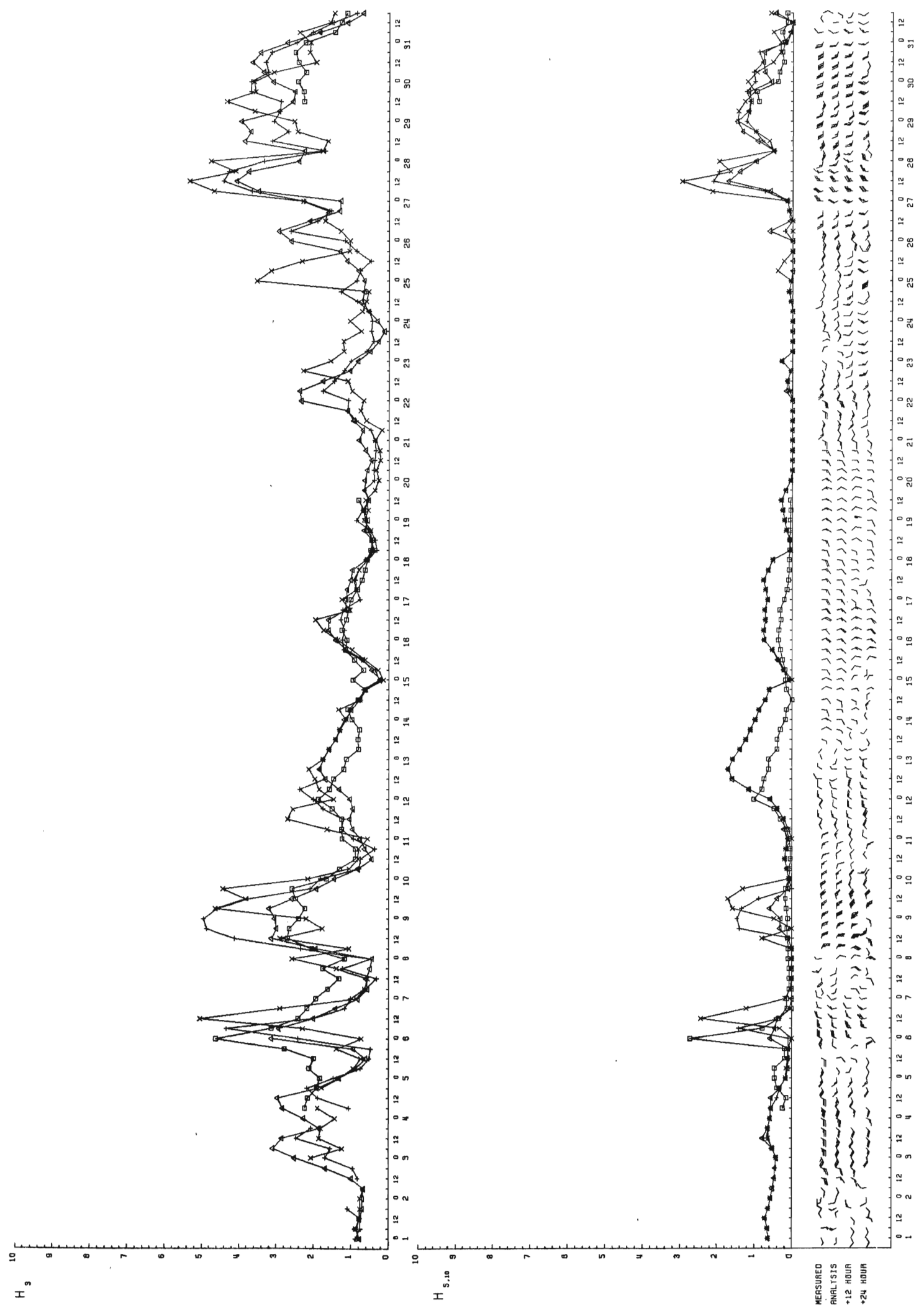
JANUARY 1982

- MEASURED
- △ ANALYSIS
- +12 HOUR FORECAST
- +24 HOUR FORECAST

KNMI.
OPERATIONAL DIVISION AND
THEORY AND MODELLING GROUP OF
DIVISION OCEANOGRAPHY.
fig.17



□ MEASURED
 △ ANALYSIS
 + 12 HOUR FORECAST
 × 24 HOUR FORECAST



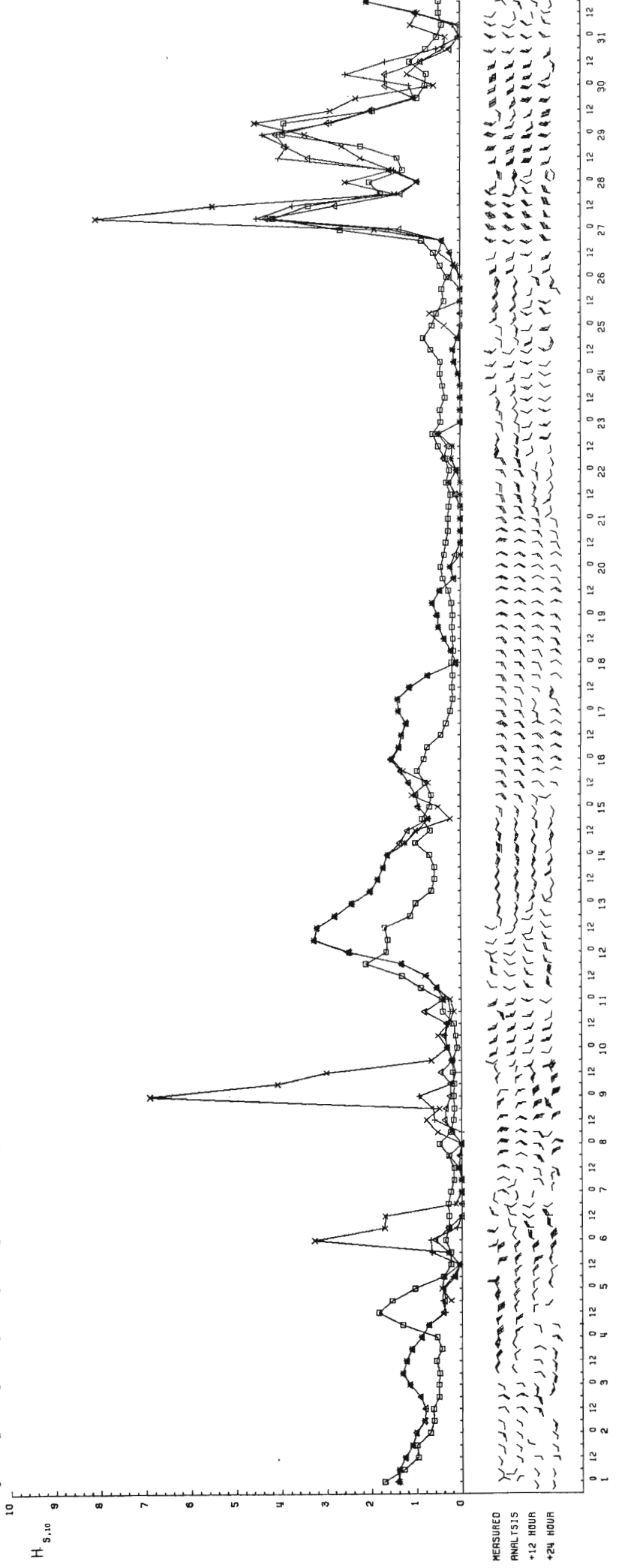
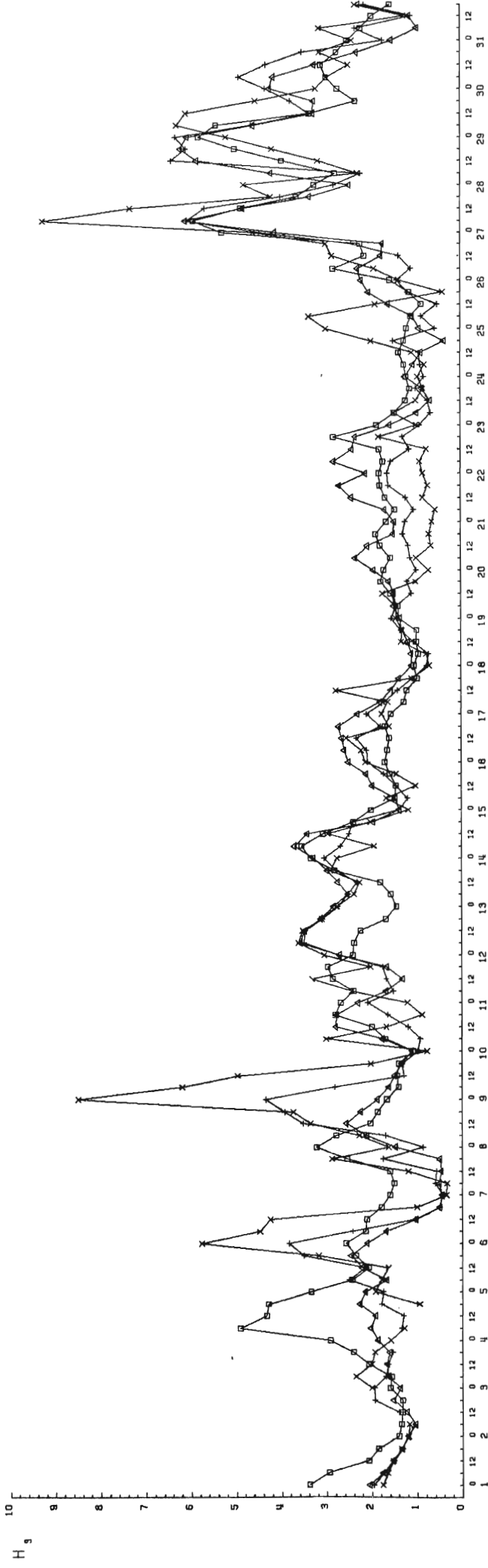
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GOND

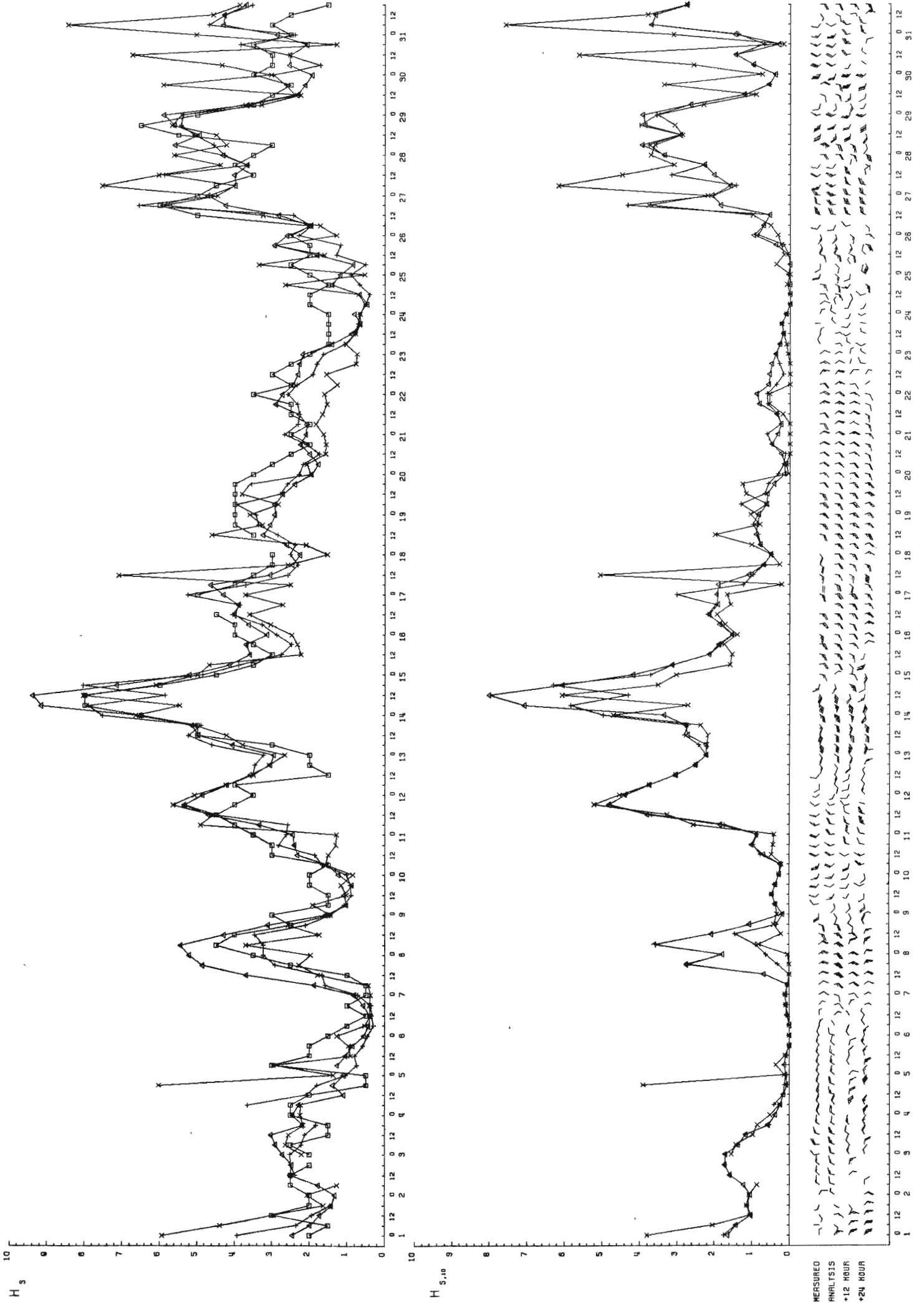
JANUARY 1982

□ MEASURED
 △ ANALYSIS
 +12 HOUR FORECAST
 × +24 HOUR FORECAST

KNMI.
 OPERATIONAL DIVISION AND
 THEORY AND MODELLING GROUP OF
 DIVISION OCEANOGRAPHY.
 fig. 19



MEASURED
 ANALYSIS
 +12 HOUR
 +24 HOUR



□ MEASURED
 △ ANALYSIS
 +12 HOUR FORECAST
 X +24 HOUR FORECAST

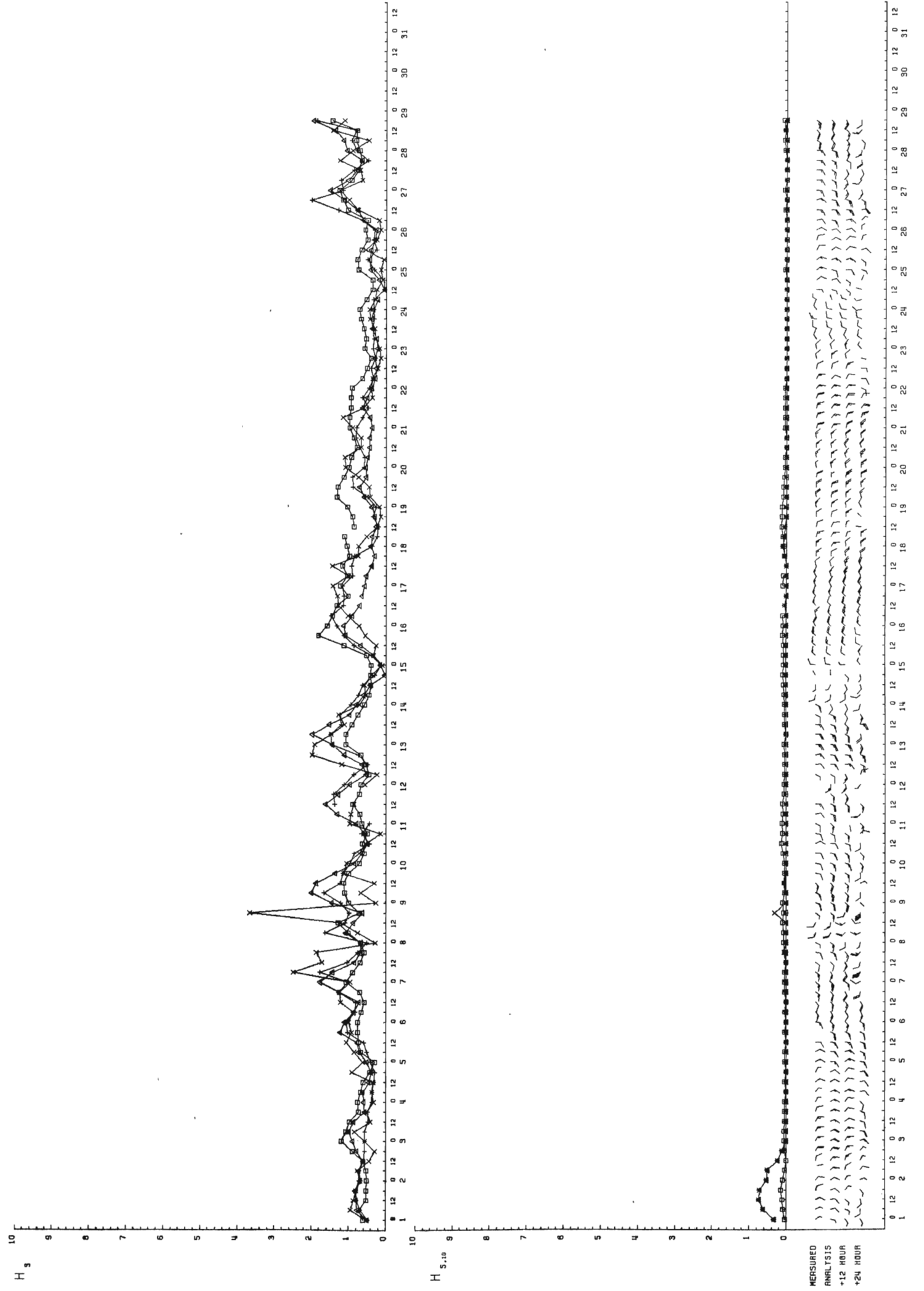
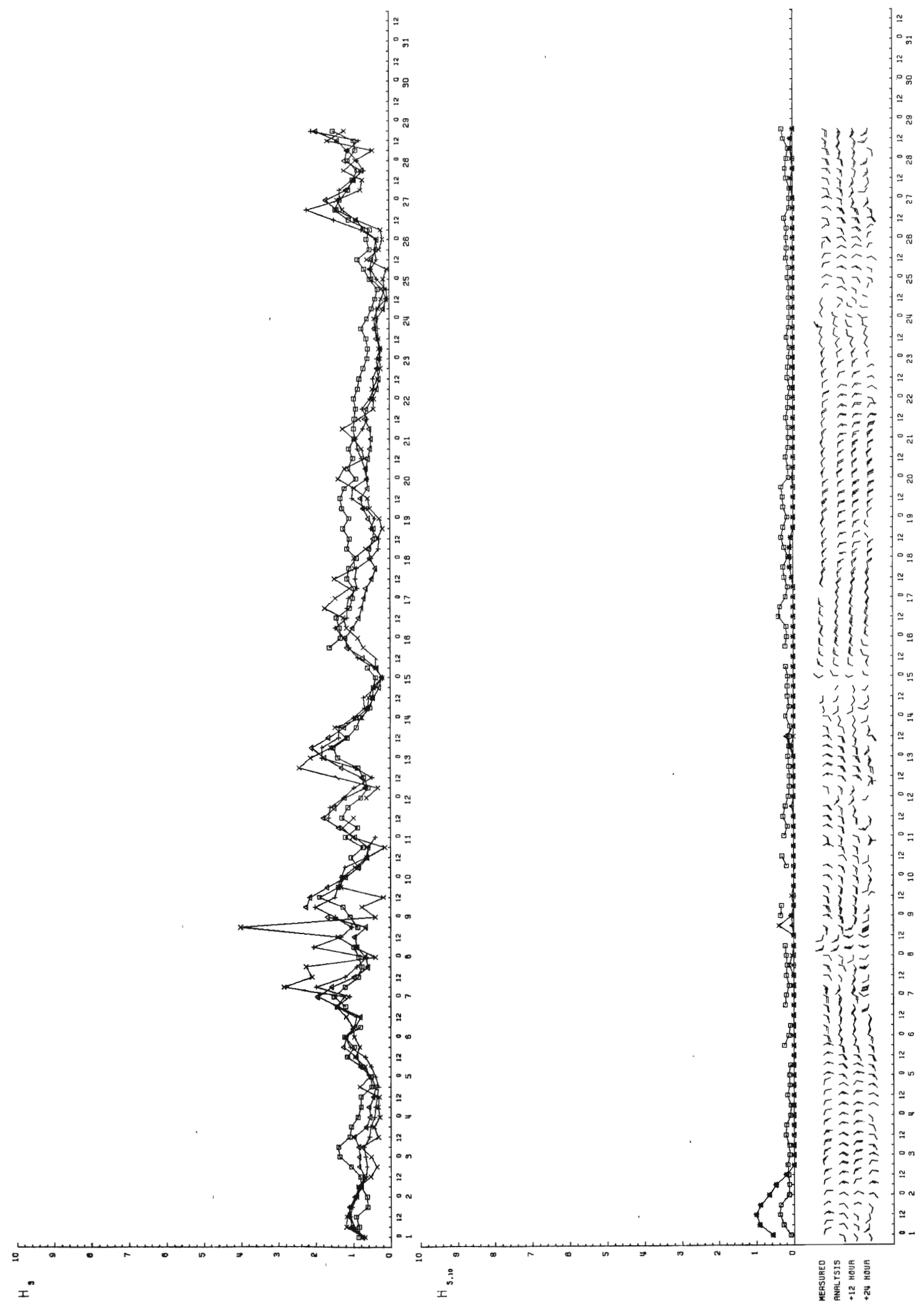
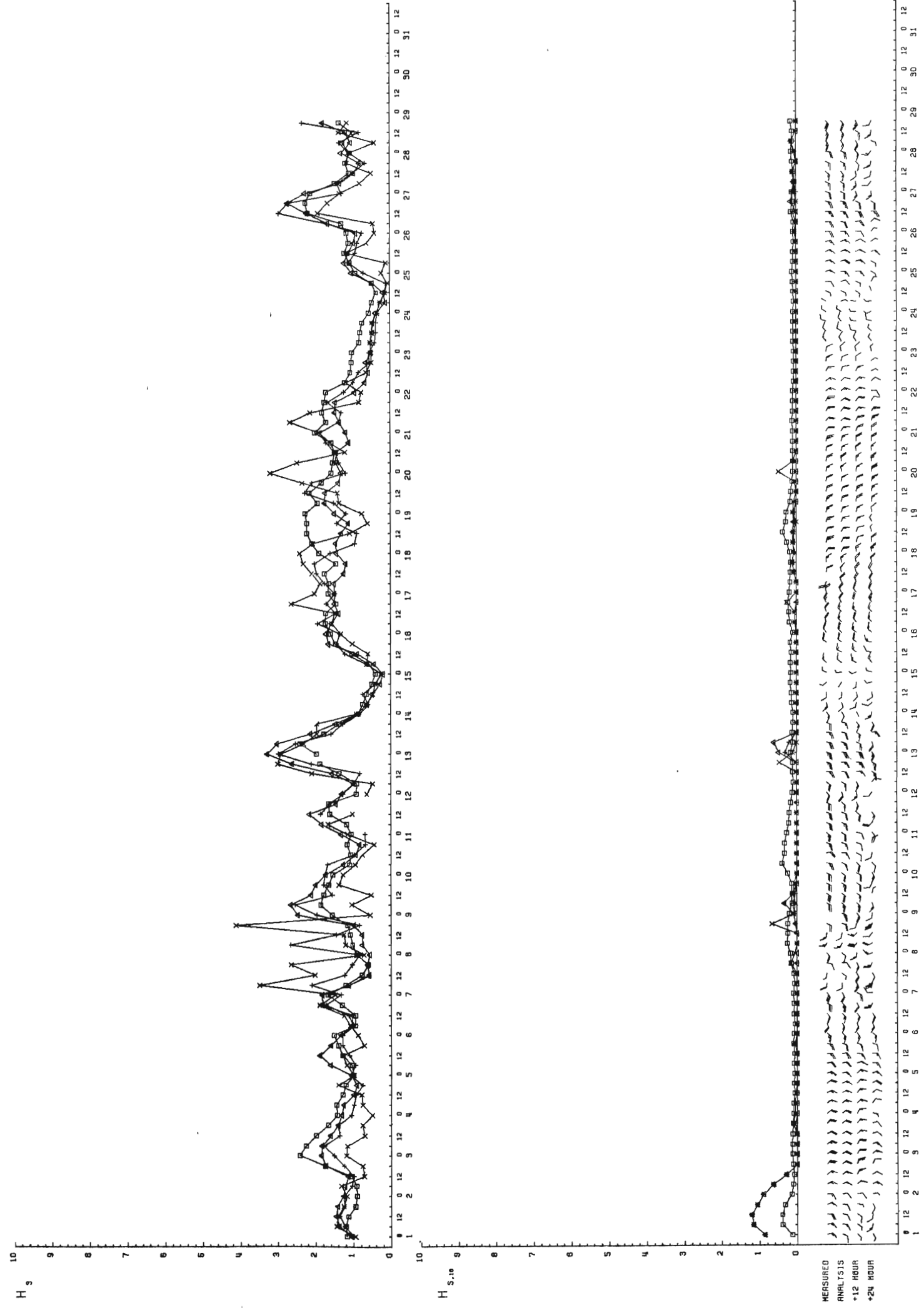


fig. 21

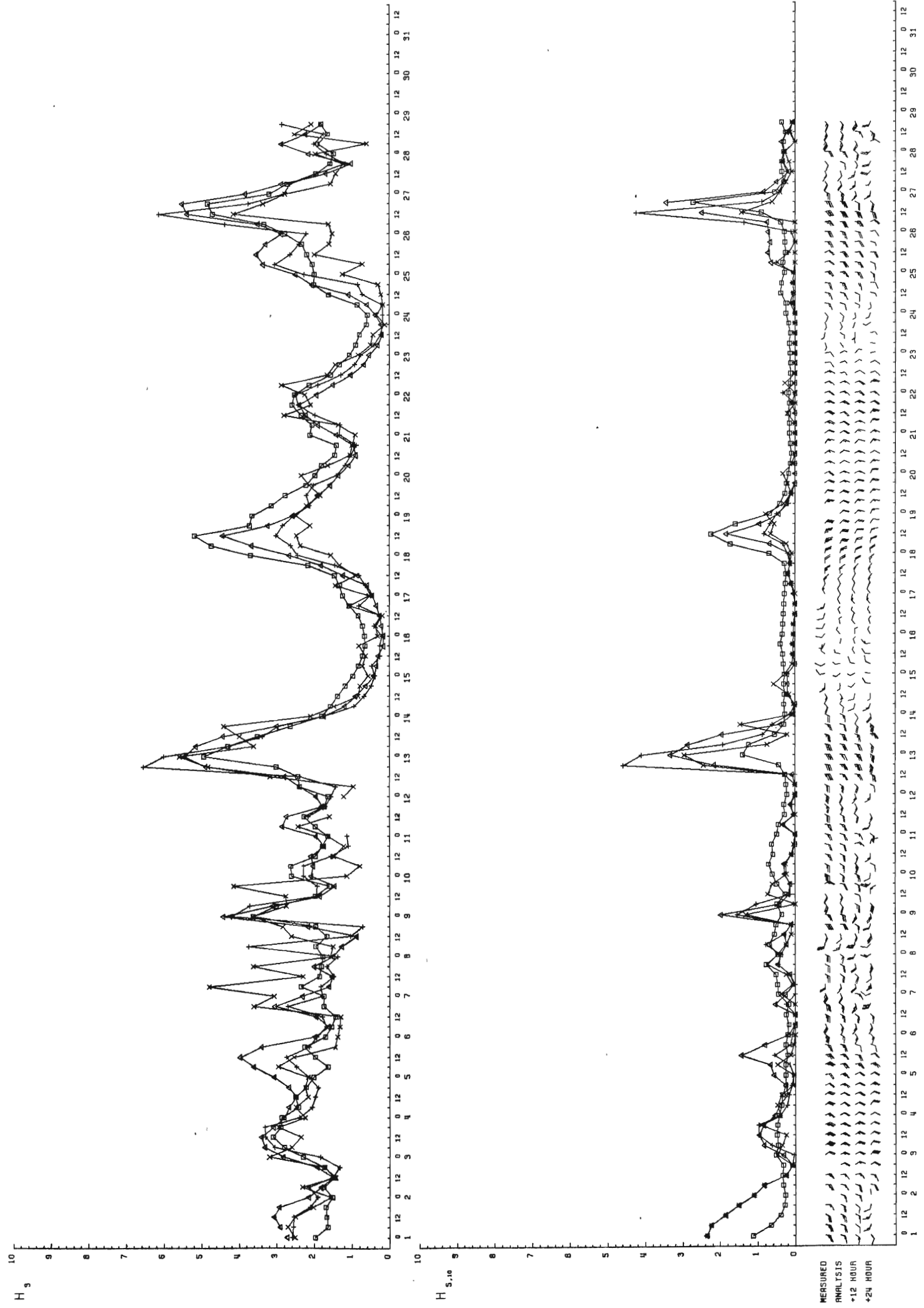
□ MEASURED
 △ ANALYSIS
 +12 HOUR FORECAST
 × +24 HOUR FORECAST



□ MEASURED
 △ ANALYSIS
 +12 HOUR FORECAST
 × +24 HOUR FORECAST



□ MEASURED
 △ ANALYSIS
 +12 HOUR FORECAST
 × +24 HOUR FORECAST



MEASURED
 ANALYSIS
 +12 HOUR
 +24 HOUR

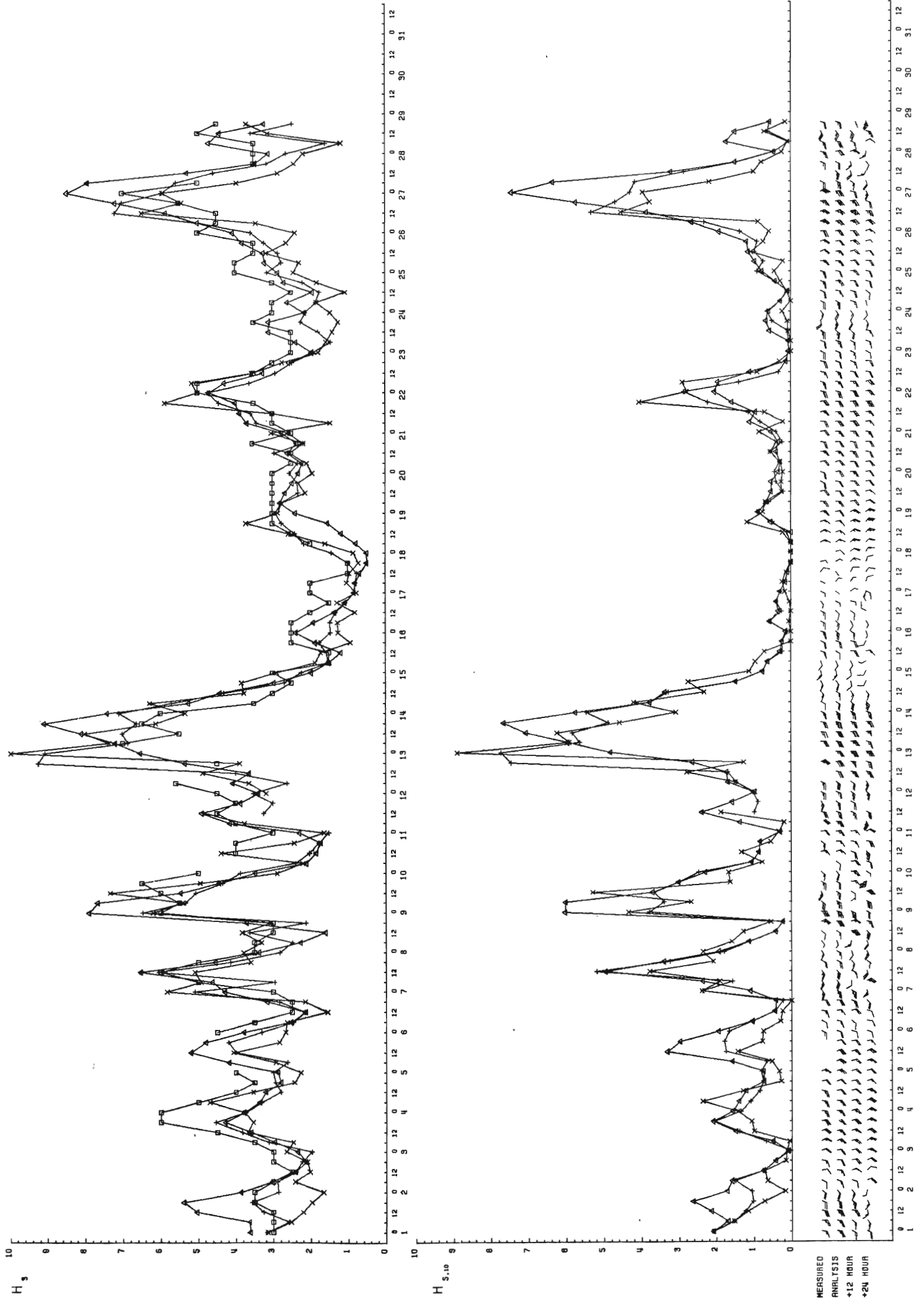
BRENT

GONO

FEBRUARY 1982

- MEASURED
- △ ANALYSIS
- +12 HOUR FORECAST
- +24 HOUR FORECAST

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DIVISION OCEANOGRAPHY.
fig. 25

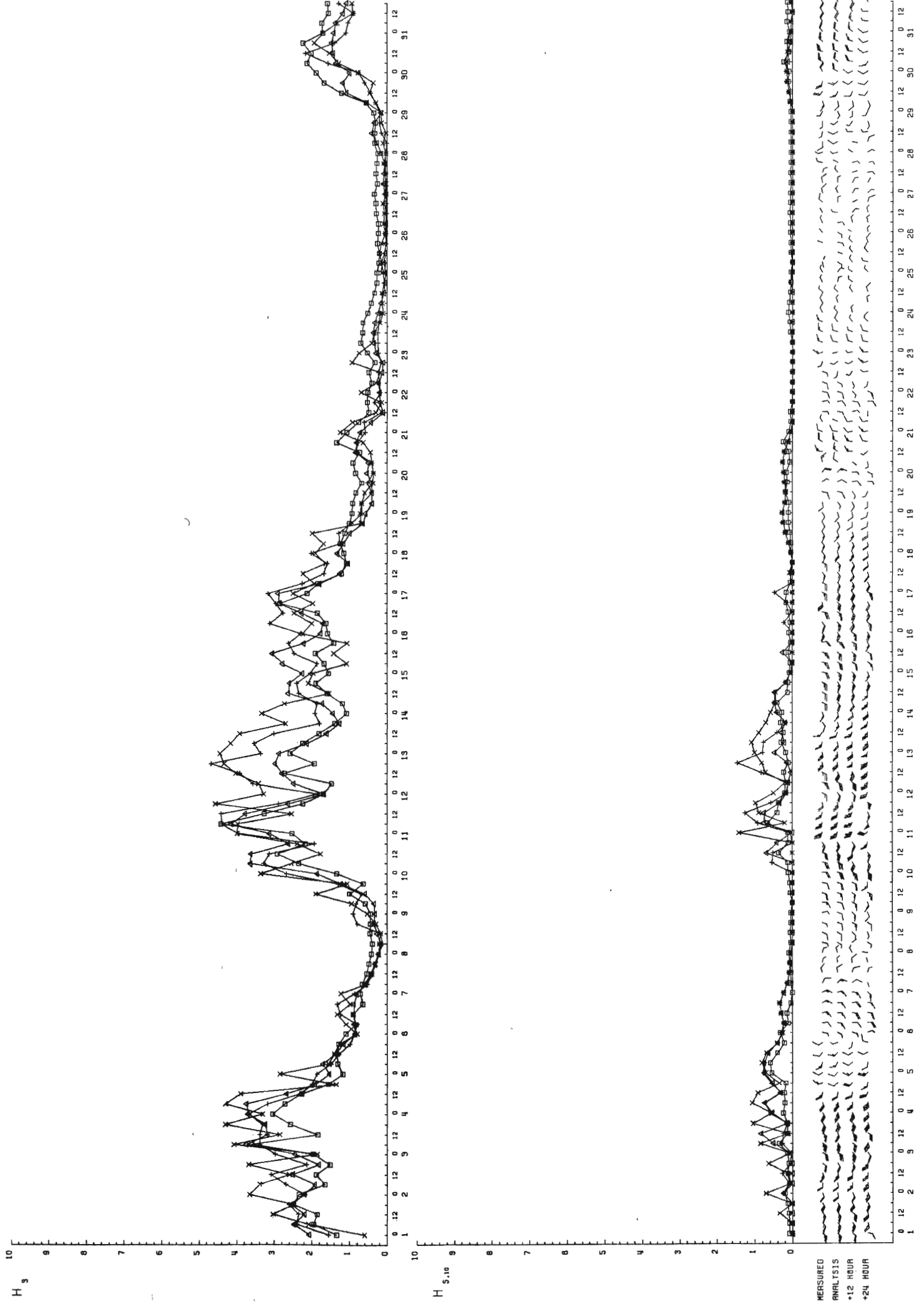


EURO

GONO
MARCH 1982

MEASURED
ANALYSIS
+12 HOUR FORECAST
+24 HOUR FORECAST

KNMI.
OPERATIONAL DIVISION AND
THEORY AND MODELLING GROUP OF
DIVISION OCEANOGRAPHY.
fig. 26



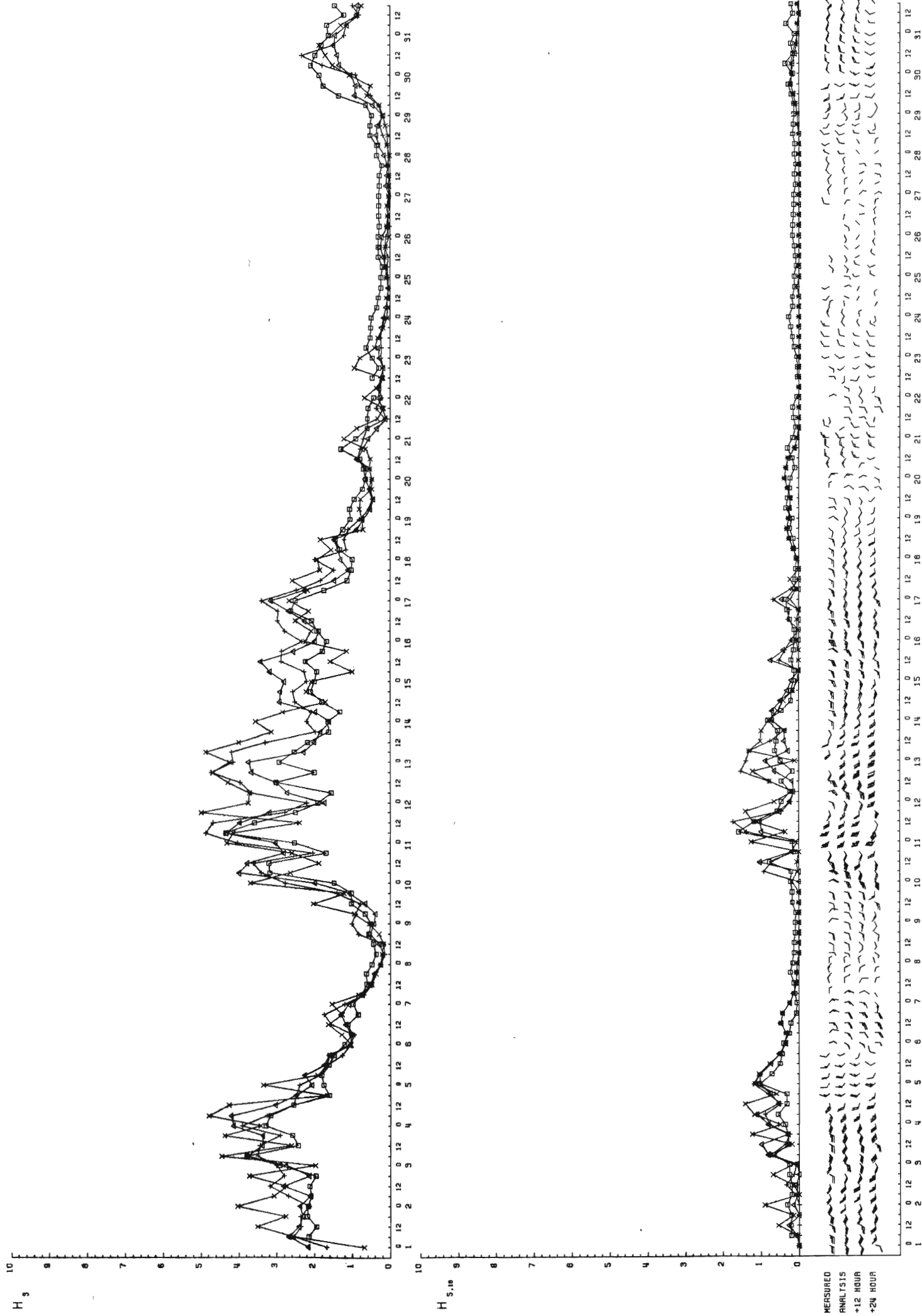
IJMUIDEN

GONGO

MARCH 1982

□ MEASURED
△ ANALYSIS
+12 HOUR FORECAST
x +24 HOUR FORECAST

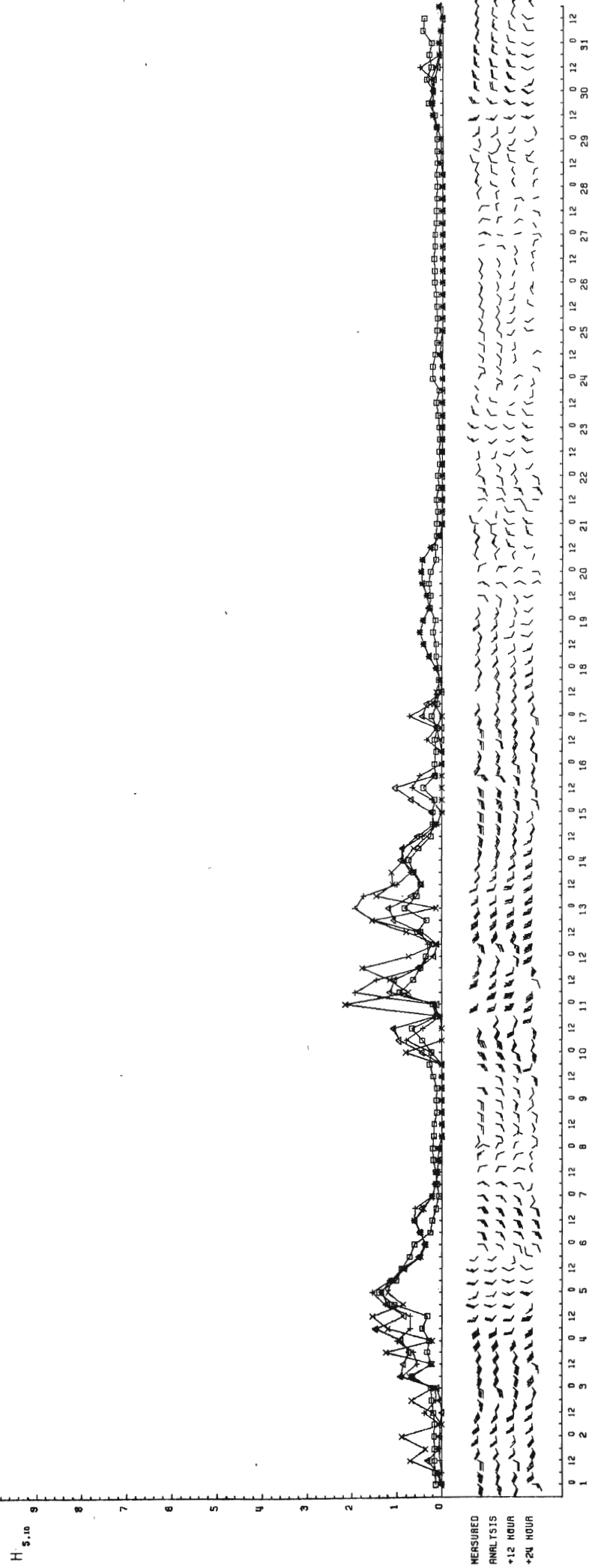
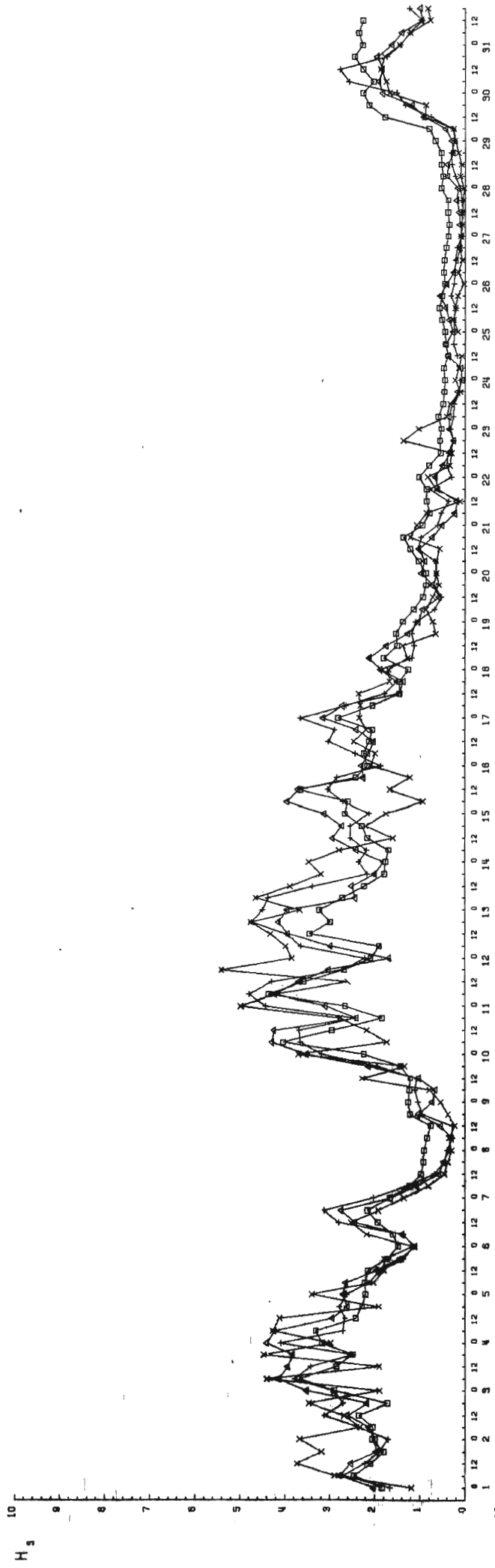
KNMI.
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THEORY AND MODELLING GROUP OF
DIVISION OCEANOGRAPHY.
fig. 27



PENNZOIL

GONO
MARCH 1982

- MEASURED
- △ ANALYSIS
- + 12 HOUR FORECAST
- x 24 HOUR FORECAST

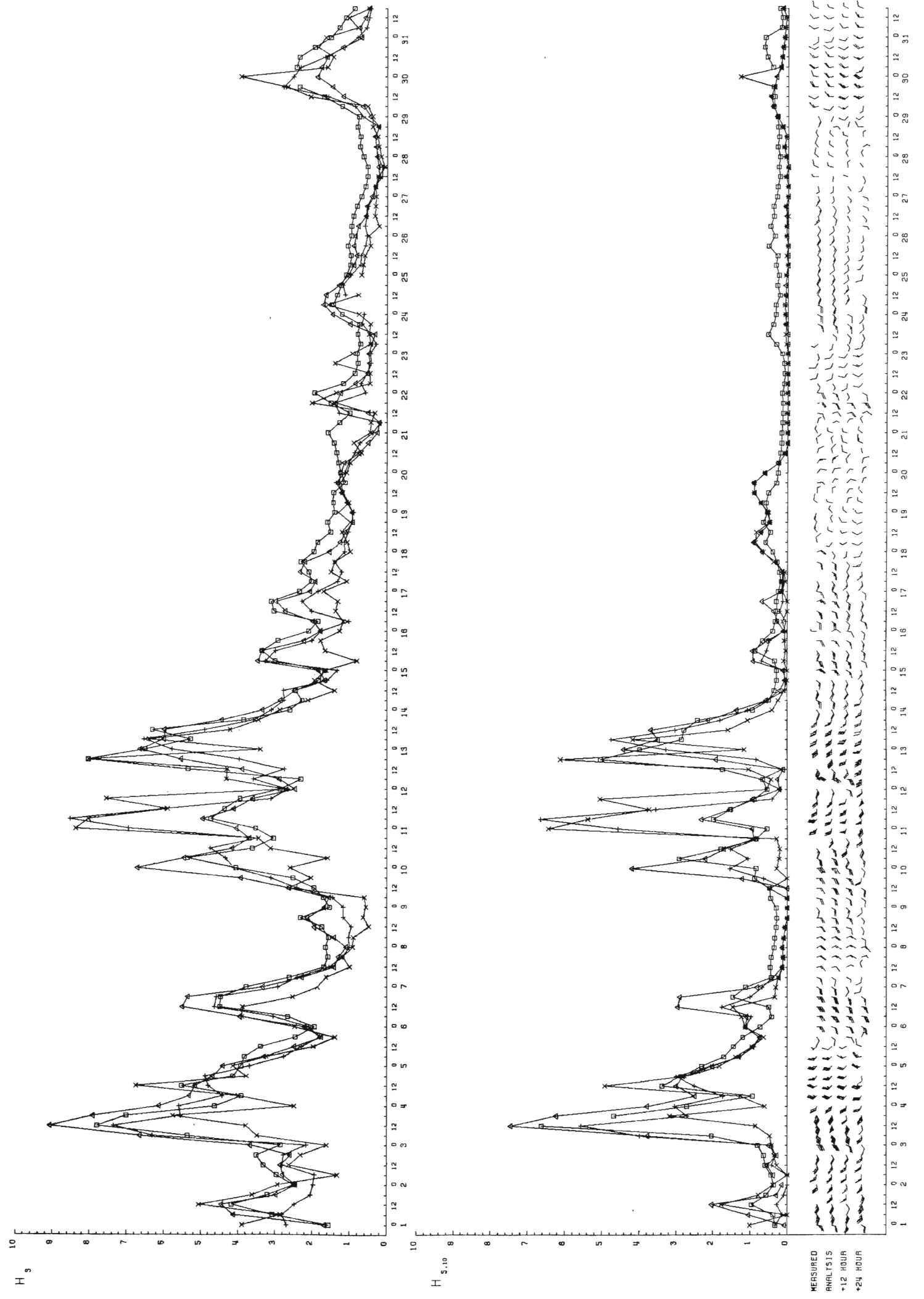


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DIVISION OCEANOGRAPHY.
fig. 28

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 THEORY AND MODELLING GROUP OF
 DIVISION OCEANOGRAPHY.
 fig. 29

AUK
 GONO
 MARCH 1982

MEASURED
 ANALYSIS
 +12 HOUR FORECAST
 +24 HOUR FORECAST



MEASURED
 ANALYSIS
 +12 HOUR
 +24 HOUR

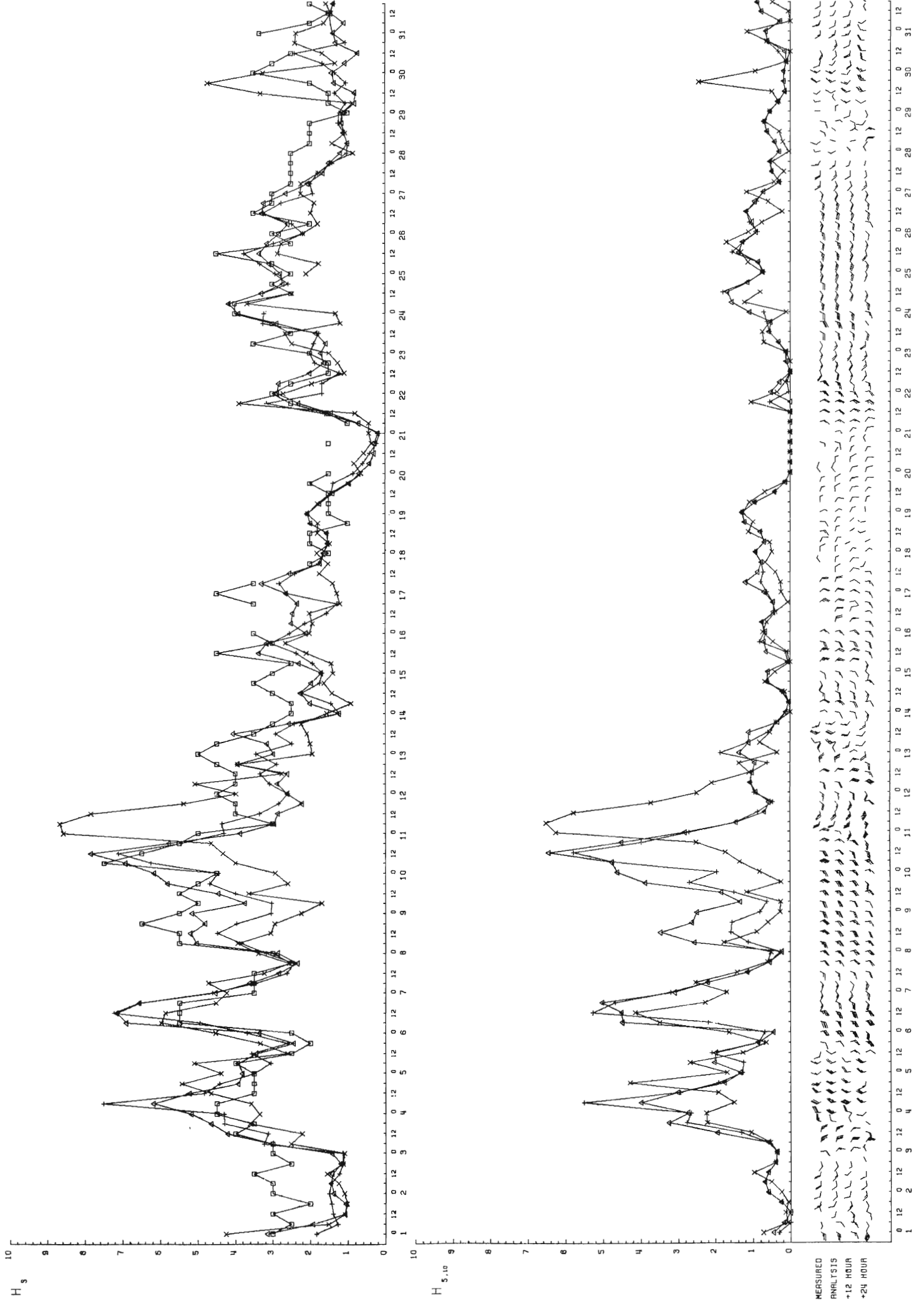
BRENT

CONO

MARCH 1982

MEASURED
ANALYSIS
+12 HOUR FORECAST
+24 HOUR FORECAST

KNMI.
OPERATIONAL DIVISION AND
THEORY AND MODELLING GROUP OF
DIVISION OCEANOGRAPHY.
fig. 30



EURO

GONG

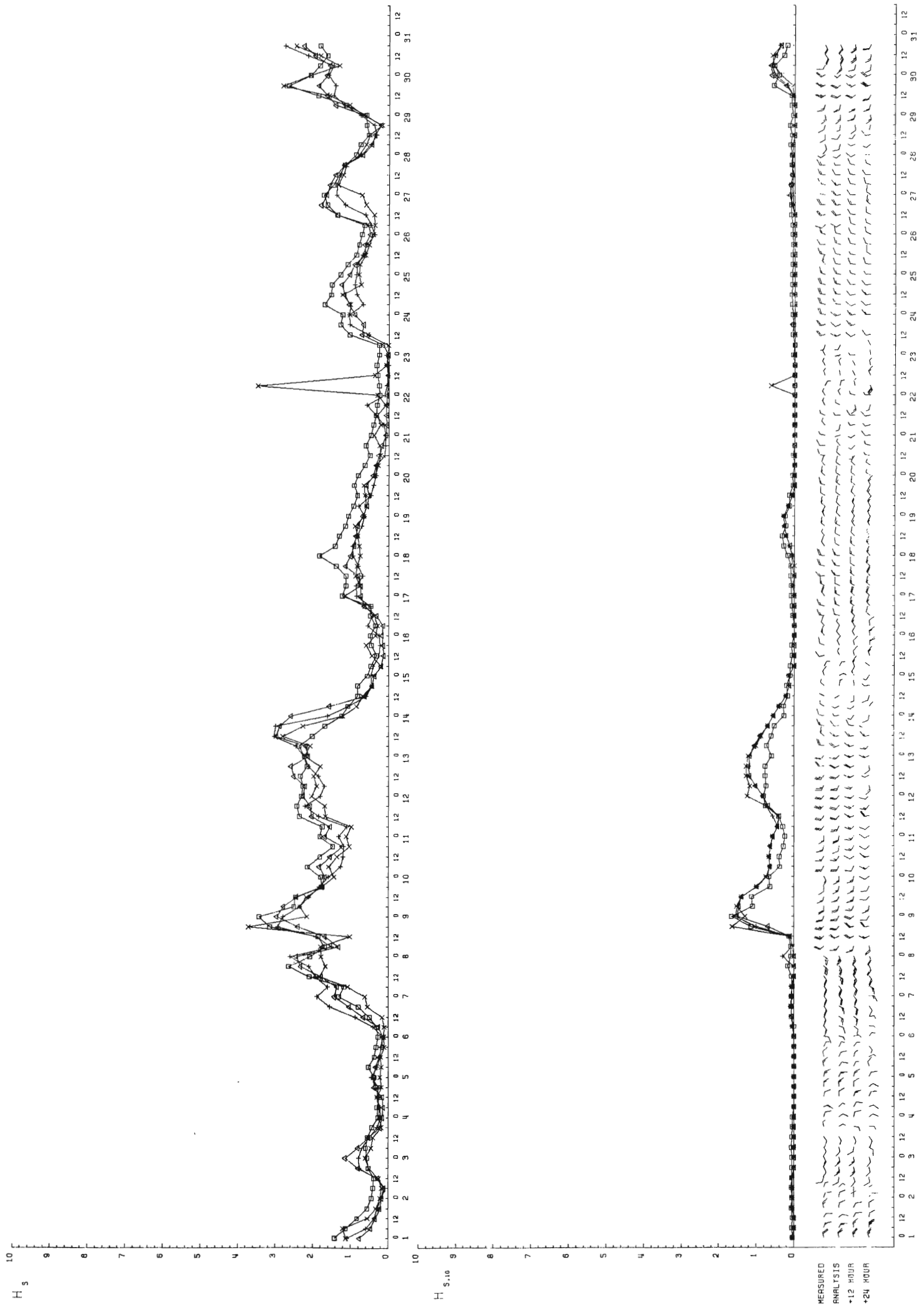
APRIL

1982

MEASURED
ANALYSIS
+12 HOUR FORECAST
+24 HOUR FORECAST

KNMI.
OPERATIONAL DIVISION AND
THEORY AND MODELLING GROUP OF
DIVISION OCEANOGRAPHY.

fig. 31

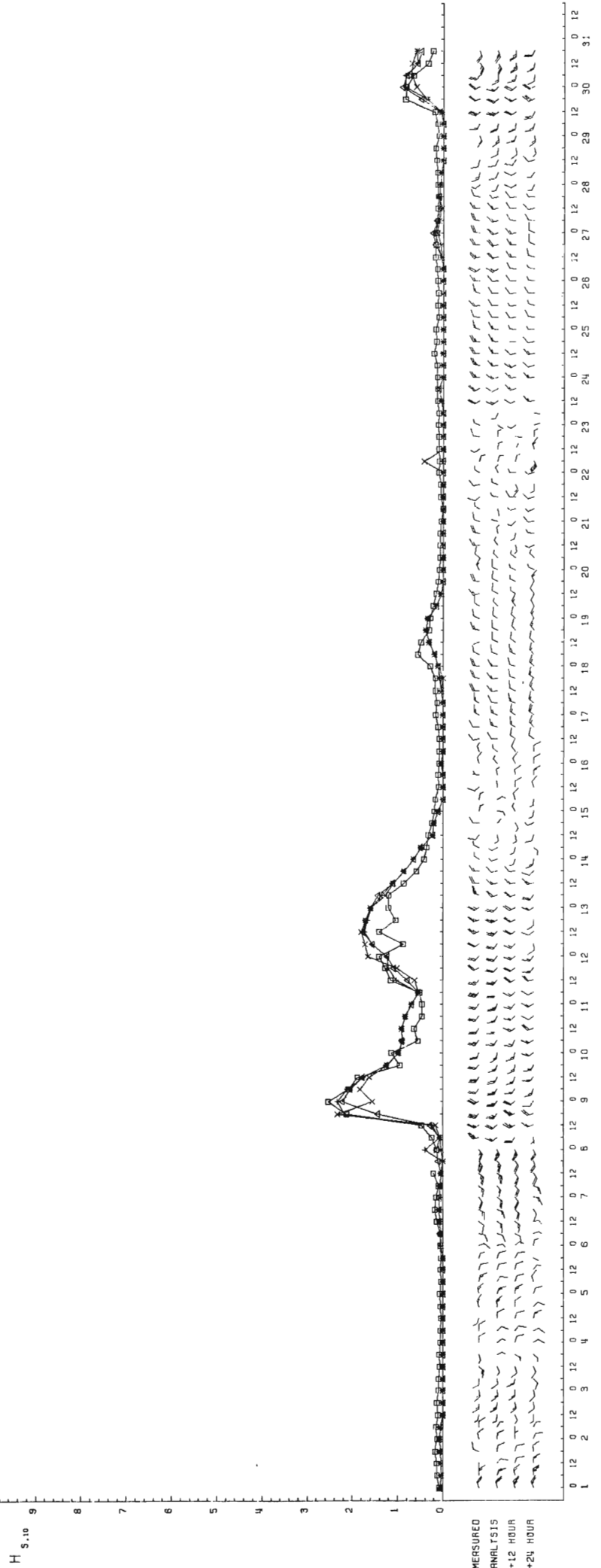
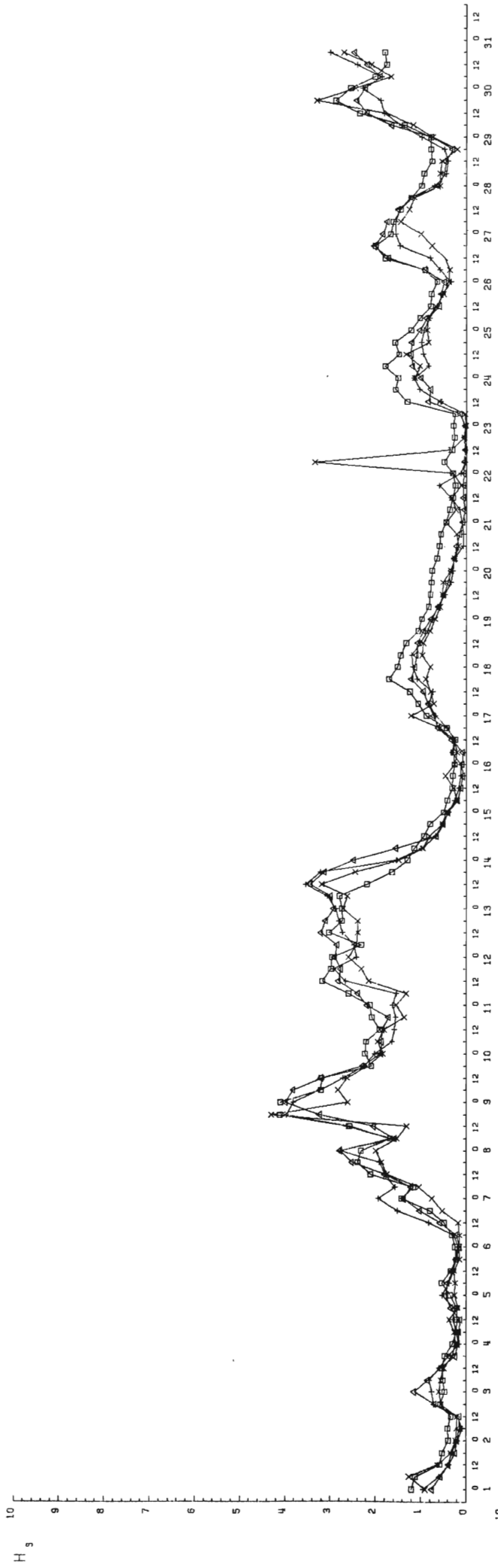


IJMUIDEN

GONG

APRIL 1982

□ MEASURED
 △ ANALYSIS
 ○ +12 HOUR FORECAST
 × +24 HOUR FORECAST



KNMI.
 OPERATIONAL DIVISION AND
 THEORY AND MODELLING GROUP OF
 DIVISION OCEANOGRAPHY.
 fig. 32

PENNZOIL

GONO

APRIL 1982

□ MEASURED
△ ANALYSIS
+ 12 HOUR FORECAST
x 24 HOUR FORECAST

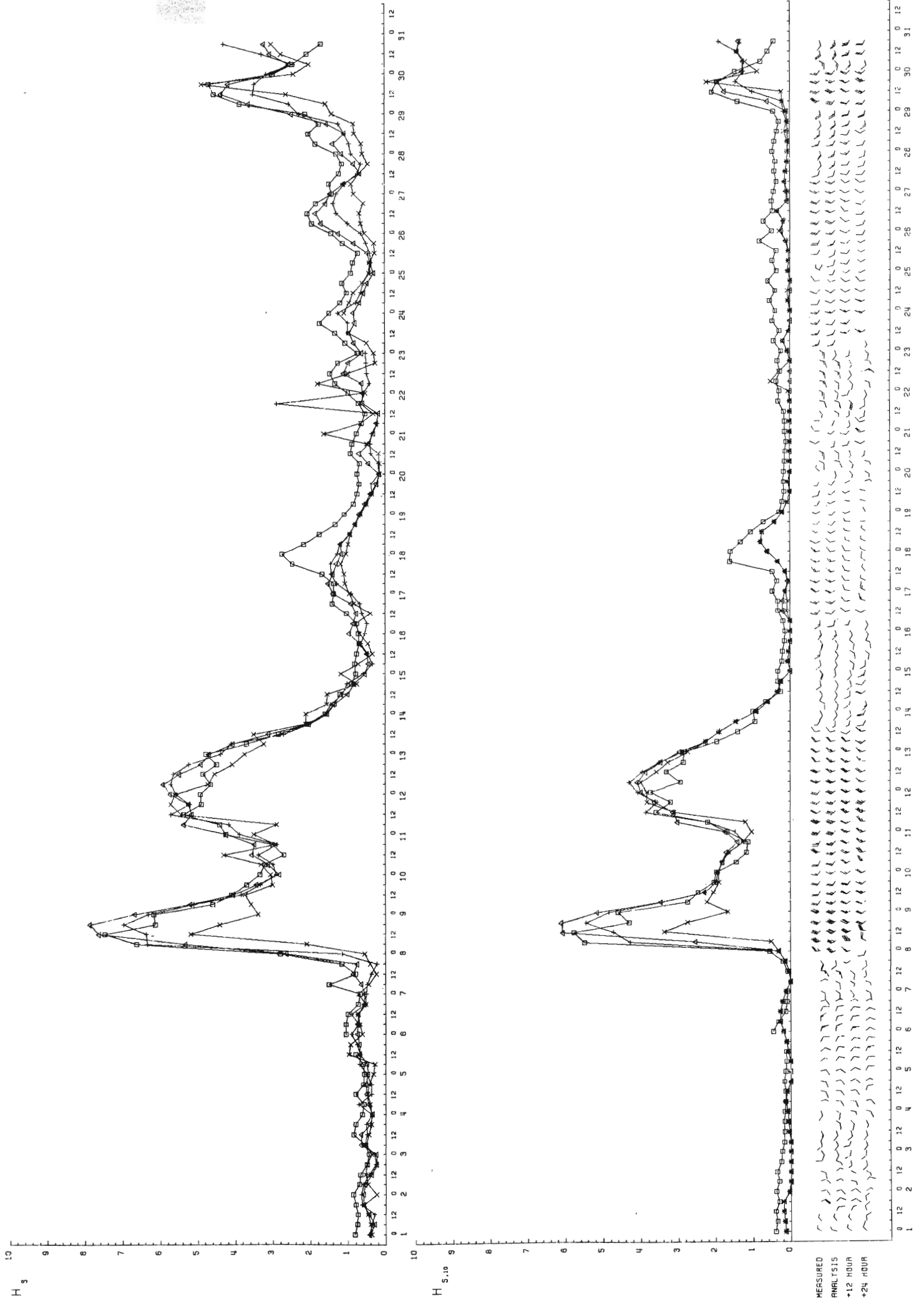
KNMI.
OPERATIONAL DIVISION AND
THEORY AND MODELLING GROUP OF
DIVISION OCEANOGRAPHY.
fig.33



KNMI.
 OPERATIONAL DIVISION AND
 THEORY AND MODELLING GROUP OF
 DIVISION OCEANOGRAPHY.
 fig. 34

AUK
 GONO
 APRIL 1982

MEASURED
 ANALYSIS
 +12 HOUR FORECAST
 +24 HOUR FORECAST



BRENT
 GONGO
 APRIL 1982

KNMI.
 OPERATIONAL DIVISION AND
 THEORY AND MODELLING GROUP OF
 DIVISION OCEANOGRAPHY.
 fig.35

