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Ödsmål. Kville sn, Bohuslän

Hällristning
Fiskare från
bronsåldern

Rock carving
Bronze age
fishermen

INKOM TILL
FISKERIINTENDENTEN
I VÄSTERHAVETS DISTRIKT



**MEDDELANDE från
HAVSFISKELABORATORIET • LYSEKIL**

nr
93

Hydrografiska avdelningen, Göteborg

Hydrographical Data

July - December 1969

R.V. Skagerak

R.V. Thetis

September 1970

INKOM TILL
FISKERIINTENDENTEN
I VÄSTERHAVETS DISTRIKT¹.

16 OKT. 1970

Amendments of Swedish Hydrographic Data 1957, 1959, 1960 and 1962.

77 41 0015 57 20 0 19 58 957 04 10 21

Salinity 70m = 8.72

80m = 10.45

100m = 12.59

200m = 13.18

230m = 13.32

77 41 0016 58 35 0 18 15 957 04 24 22

Salinity 60m = 8.55

70m = 9.79

77 11 0232 61 08 0 18 14 959 10 23 20

77 11 0084 58 02 0 10 44 960 03 11 06

77 13 0150 60 12 0 19 962 09 03 15

Salinity 0m = 5.57

10m = 5.61

20m = 5.77

30m = 6.82

40m = 7.05

50m = 7.15

60m = 7.20

70m = 7.26

80m = 7.24

90m = 7.28

100m = 7.29

125m = 7.34

150m = 7.35

200m = 7.38

280m = 7.42

77 13 0151 59 31 0 20 24 962 09 07 12

Salinity 0m = 6.28 90m = 7.93

10m = 6.27 115m = 10.06

20m = 7.30 150m = 11.37

30m = 7.43

40m = 7.57

50m = 7.59

60m = 7.64

70m = 7.69

80m = 7.76

Amendments of Swedish Hydrographic Data 1962, 1963 and 1967.

77 13 0152 58 00 0 19 54 962 09 08 00

Salinity 0 m = 6.56
 10 m = 6.54
 20 m = 6.54
 30 m = 7.47
 40 m = 7.64
 50 m = 7.69
 60 m = 7.81
 77 m = 9.15
 87 m = 10.16
 97 m = 10.54
 121 m = 11.16
 145 m = 12.02
 169 m = 12.28

77 13 0153 57 20 0 19 59 962 09 08 07

Salinity 0 m = 7.28
 10 m = 7.29
 20 m = 7.29
 30 m = 7.57
 40 m = 7.66
 50 m = 7.69
 60 m = 7.76
 70 m = 7.95
 80 m = 9.41
 90 m = 10.45
 121 m = 12.13
 145 m = 12.49
 169 m = 12.72
 194 m = 12.85
 218 m = 12.96

77 11 0007 57 20 0 20 03 963 01 09 20

Oxygen 200 m = 0.13
 225 m = 0.16
 240 m = 0.18

77 11 0018 58 31 0 19 31 967 01 23 10

77 11 0021 58 30 0 19 27 967 01 26 12

State of sea = 2

Amendments of Swedish Hydrographic Data 1967.

77 11 0039 57 13 0 20 56 967 02 03 22

Mixed layer depth = 03^X0

77 11 0053 57 46 0 16 50 967 02 08 08

Mixed layer depth = 03^X0

77 11 0056 55 00 0 14 05 967 02 09 10

Salinity 20 m = 8.01 Density 20 m = 6.44

30 m : delete all values

77 11 0149 58 53 0 11 05 967 04 11 09

Oxygen 175 m = 6.63

77 11 0155 58 55 0 10 57 967 04 11 12

Mixed layer depth = 01^X8

77 11 0164 59 00 0 11 07 967 04 12 08

Mixed layer depth = 040

77 11 0196 57 05 0 18 42 967 05 31 19

Density 15 m = 5.75

77 11 0202 57 13 0 20 56 967 06 01 09

Density 0 m = 5.56

77 11 0213 58 35 0 18 14 967 06 06 18

Temperature 5 m = 8.74

77 11 0224 56 33 0 17 04 967 06 07 21

Density 50 m = 6.10

77 13 0005 57 07 0 11 51 967 01 18 13

Salinity 5 m = 25^X.653 10 m = 25^X.567

77 13 0014 59 06 0 11 17 967 02 28 10

Salinity 4 m = 25.6

77 13 0018 59 05 0 11 11 967 02 28 14

80 m : delete salinity value

77 13 0022 55 15 0 15 59 967 03 09 11

| Depth | Temp. | Sal. ‰ |
|-------|-------|--------|
| 3 m | 2.3 | 7.6 |
| 5 m | 2.3 | 7.6 |
| 45 m | 2.2 | 7.7 |
| 55 m | 4.9 | 12.0 |
| 65 m | 6.9 | 14.5 |
| 75 m | 8.6 | 15.5 |

Amendments of Swedish Hydrographic Data 1967 .

77 13 0023 55 13 0 17 04 967 03 09 20

| Depth | Temp. | Sal. ‰ |
|-------|-------|--------|
| 5 m | 2.4 | 7.7 |
| 20 m | 2.2 | 7.7 |
| 40 m | 2.2 | 7.7 |
| 45 m | 2.2 | 7.7 |
| 55 m | 2.2 | 7.7 |
| 65 m | 5.4 | 10.9 |
| 75 m | 6.1 | 11.8 |
| 85 m | 6.5 | 12.3 |

77 13 0024 55 32 0 15 07 967 03 13 12

| Depth | Temp. | Sal. ‰ |
|-------|-------|--------|
| 5 m | 2.3 | 7.5 |
| 15 m | 2.3 | 7.5 |
| 25 m | 2.3 | 7.5 |
| 35 m | 2.2 | 7.5 |
| 45 m | 2.8 | 8.3 |
| 55 m | 9.3 | 13.6 |
| 65 m | 8.8 | 15.0 |
| 75 m | 9.0 | 16.0 |

77 13 0025 54 52 0 15 12 967 03 13 17

| Depth | Temp. | Sal. ‰ |
|-------|-------|--------|
| 5 m | 2.4 | 7.7 |
| 15 m | 2.4 | 7.7 |
| 25 m | 2.4 | 7.7 |
| 35 m | 2.4 | 7.7 |
| 45 m | 2.4 | 7.7 |
| 55 m | 4.7 | 10.6 |
| 65 m | 6.4 | 14.0 |
| 74 m | 7.6 | 14.1 |

77 13 0026 54 40 0 14 19 967 03 14 00

| Depth | Temp. | Sal. ‰ |
|-------|-------|--------|
| 5 m | 2.6 | 7.7 |
| 15 m | 2.6 | 7.7 |
| 25 m | 2.6 | 7.7 |

77 13 0027 55 00 0 14 05 967 03 14 04

| Depth | Temp. | Sal. ‰ |
|-------|-------|--------|
| 5 m | 2.6 | 8.0 |
| 15 m | 2.6 | 8.0 |
| 25 m | 2.6 | 8.0 |
| 35 m | 2.6 | 12.9 |
| 45 m | 3.2 | 19.0 |

77 13 0028 54 57 0 13 18 967 03 14 09

| Depth | Temp. | Sal. ‰ |
|-------|-------|--------|
| 5 m | 2.6 | 8.0 |
| 15 m | 2.6 | 8.0 |
| 25 m | 2.4 | 8.3 |
| 35 m | 2.8 | 13.7 |

Amendments of Swedish Hydrographic Data 1967, 1968 and 1969.

77 13 0049 58 20 0 11 02 967 04 05 10

Density 60 m = 26.6577 13 0061 58 26 0 10 00 967 05 17 24

77 13 0077 56 13 0 18 59 967 05 26 20

Obs. time = 20

77 11 0091 59 06 0 11 17 968 04 02 11

77 11 0092 59 07 0 11 19 968 04 02 11

77 11 0093 59 07 0 11 21 968 04 02 12

77 11 0094 59 06 0 11 22 968 04 02 13

77 11 0095 59 03 0 11 24 968 04 02 13

0 -2 m Sal. method = 1

77 11 0096 55 26 0 14 36 968 04 17 12

Sal. method = 1

77 11 0099 55 28 0 15 53 968 04 22 16

Wether = 1

77 11 0116 61 08 0 18 15 968 06 10 10

5 m : Extra info. = 4

77 11 0149 58 31 0 19 27 968 08 08 16

Delete Wet. bulb temp. value

77 11 0150 58 47 0 19 06 968 08 09 10

Delete Wet bulb temp. value

77 11 0237 58 13 0 11 21 968 11 19 14

From Station 77 11 0249 57 53 0 19 26 968 11 29 17

To Station 77 11 0260 55 01 0 13 58 968 12 11 00

Delete Wet bulb temp. values

From Station 77 13 0053 59 07 0 11 21 968 01 18 09

To Station 77 13 0056 59 06 0 11 17 968 01 18 10

and Station 77 13 1060 59 02 0 11 25 968 01 19 08

" " 77 13 2060 59 05 0 11 23 968 01 19 10

Sal. method at

0 m = 1

else = 3

77 13 0242 58 52 0 11 05 968 08 19 13

Max. obs. depth = 02

77 11 0030 57 20 0 20 03 969 01 26 15

Depth to bottom = 243 m

Amendments of Swedish Hydrographic Data 1968 and 1969.

77 13 0061 58 16 01 11 22 968 02 02 09

Sal. method = 377 11 0057 57 20 0 20 03 969 01 30 0077 11 0065 56 38 0 19 35 969 01 30 24

77 11 0073 55 02 0 13 53 969 02 19 14

Delete Wet bulb temp. value

77 11 0075 55 50 0 16 06 969 02 27 14

Delete Wet bulb temp. value

77 11 0098 59 00 0 11 06 969 03 19 11

Max. obs. depth = 01

77 11 0110 59 06 0 11 22 969 03 21 11

77 11 0111 59 03 0 11 24 969 03 21 12

Sal. method at 0 m = 1

else = 3

77 13 0040 55 27 0 14 39 969 03 19 09

77 13 0041 55 48 0 16 06 969 03 20 17

77 13 0042 57 06 0 18 53 969 03 24 20

77 13 0043 56 02 0 18 51 969 03 25 03

77 13 0045 54 51 0 15 28 969 03 26 12

Delete Wet bulb temp. values77 13 0065 55 20 0 16 05 969 06 12 09

Göteborg September, 1970.

EXPLANATION TO THE DATA LISTS.

The lists are based on ICES oceanographic punch cards.

Explanation to headline numbers for general information.

18.. Identification No. According to the following code:

0 - N and E

1 - N and W

2 - S and E

3 - S and W

In this connexion the following rules are followed:

0° Latitude is taken as N

0° Longitude is taken as E

180° Longitude is taken as W.

19-21. Year. Three last figures of the year.

22-23. Month.

24-25. Day

26-27. Station Time. Starting time (to the nearest hour) of the hydrographic station in GMT.

28-31. Corrected Depth to Bottom, in metres, determined while on station.

46-47. Maximum Observation Depth. To be punched in hundreds of metres. The depths are to be punched as follows:

0 m. - 50 m. 00

51 m. - 150 m. 01

151 m. - 250 m. 02

etc.

48-50. Mixed Layer Depth. The thickness, in metres, of the mixed layer, to be determined by means of a BT trace or other equivalent source. The layer is considered mixed (= isothermal, in this case), if the approximate vertical temperature gradient is less than 0.1° C in any 15 metres and less than 0.6° C in any 200 metres with the uppermost 2 metres excluded. If the BT observation shows that the Mixed Layer extends to the bottom of the trace the depth of the trace should be punched together with an overpunch !! in col. 50.

The columns should be left blank when no BT observation has been made.

64. Occurrence of Ice in the vicinity of the hydrographic station, according to the following code:

- 0 - No ice
- 1 - Ice present in vicinity, but not identified as to type or amount (sighted visually or by radar)
- 2 - Few bergs (10 or less)
- 3 - Many bergs (more than 10)
- 4 - Very open or open pack ice (6/10 coverage or less) more than 1 naut. mile distant from the hydrographic or BT observation
- 5 - Close or very close pack ice (more than 6/10 coverage) more than 1 naut. mile distant from the hydrographic or BT observation
- 6 - Very open or open pack ice (6/10 coverage or less); hydrographic or BT observation within ice pack or less than 1 naut. mile away
- 7 - Close or very close pack ice (more than 6/10 coverage); hydrographic or BT observation within ice pack or less than 1 naut. mile away
- 8 - Hydrographic or BT observation actually within very heavy concentration of pack ice, polar pack, fast ice, etc. (observations made from "ice islands", drifting pack, beset vessels, fast ice, or other similar cases)
- 9 - No observations of ice made (possibly due to limited visibility, or because ice observations not a part of the programme or for other reasons).

Explanation to headline numbers for hydrographic information.

26-27. Observation Time. The nearest hour of the time (in GMT) for the observation. The change of day (and month) during the work at a station is indicated by adding 24 to the time in hours.

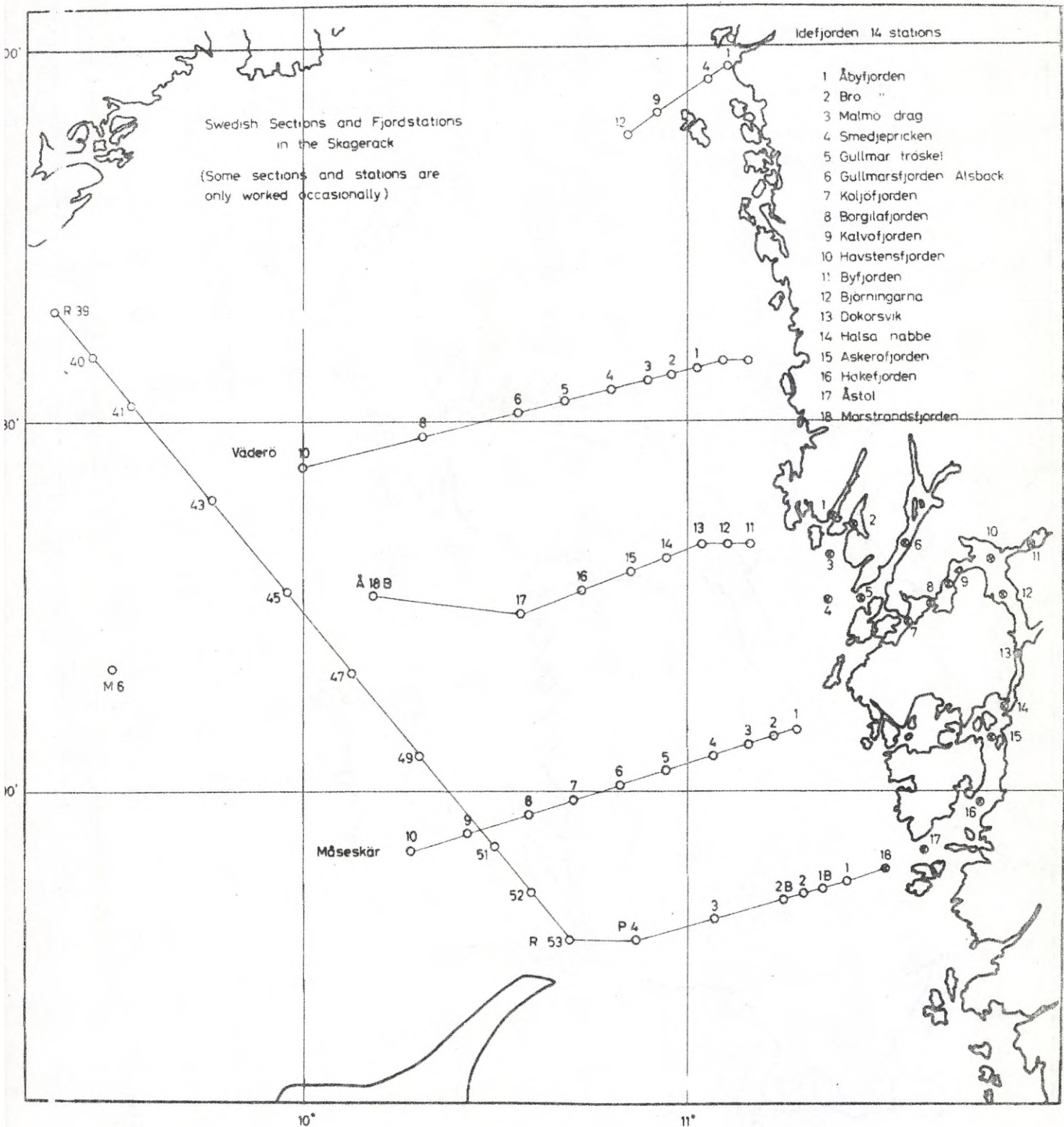
28-31. Observation Depth in metres. An overpunch 11 in col. 31 should be made when the depth has been obtained by application of an unprotected thermometer in this depth. That a depth is questionable is indicated by an overpunch 11 in col. 29.

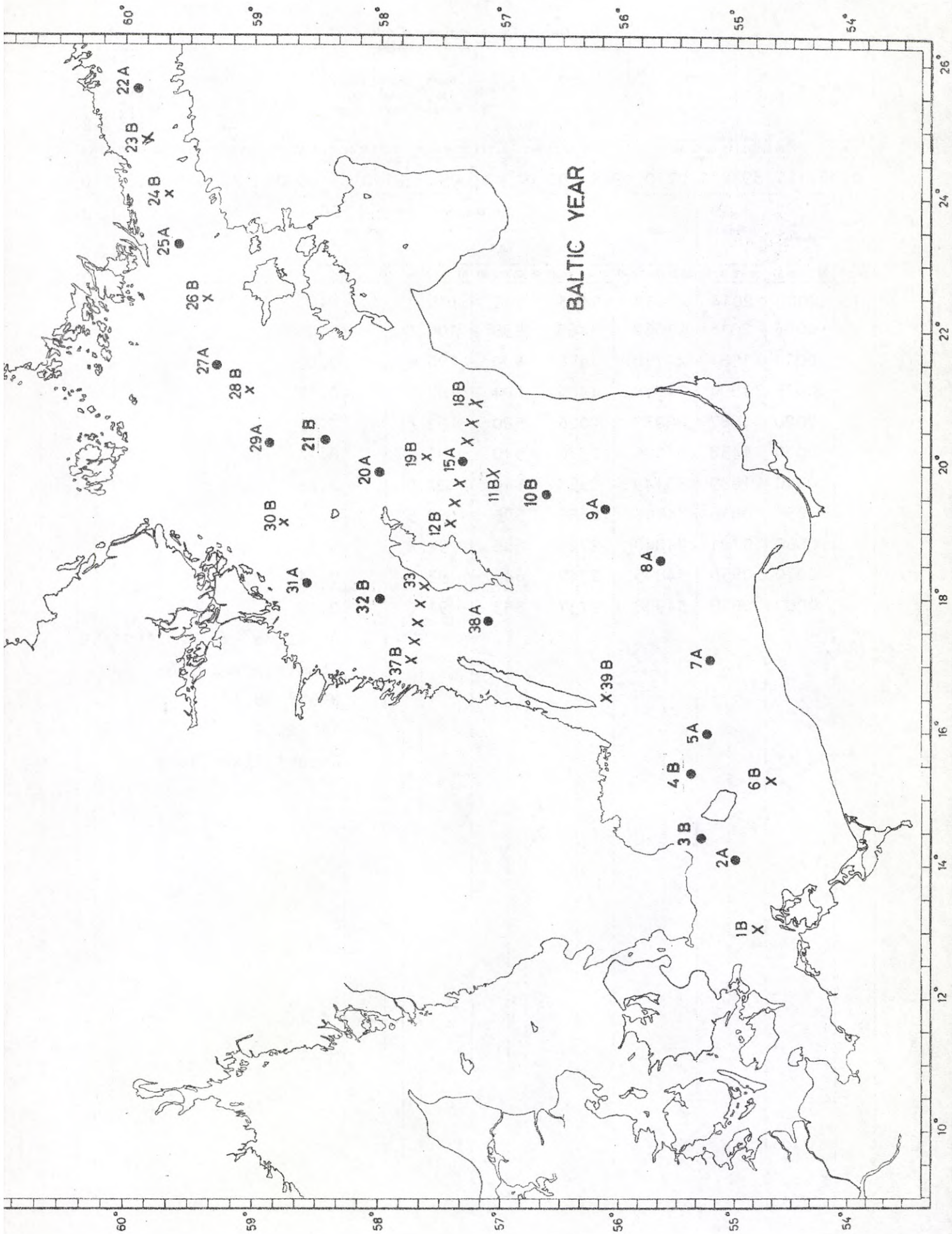
32-35. Temperature at the Observation Depth, in degrees centigrade to the 2nd decimal place. A negative temperature is indicated by an overpunch 11 in column 32. That a temperature value is questionable is indicated by an overpunch 11 in column 33.

36-40. Salinity of the Sample, in parts per thousand, to the 3rd decimal place. That a salinity value is questionable is indicated by an overpunch 11 in column 37. When the salinity is known only to the 2nd decimal place column 40 will be left blank.

41-45. σ_t , given to the 3rd decimal place. A negative value of σ_t is indicated by an overpunch 11 of column 41. The column for the 3rd decimal place not being determined will be left blank. σ_t will normally be machine computed.

58-60. Oxygen Content, given in cm^3 at NTP per dm^3 of water at 20°C to the 2nd decimal place. If the value is $\geq 10.00 \text{ cm}^3/\text{dm}^3$, the excess of 10.00 is entered, and an overpunch 11 is punched in column 58. That a value is questionable is indicated by an overpunch 11 in column 59.





11 "Skagerak"

Station

77 Sweden

1969

Marstrandsfjorden

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|------------|-------|-------|------------|------------------|------|-----|------------------------------|--------------|-----------------|--|-------------------|------|---------|-------------|----------|---------|--------------|--------------|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 |
| 0239 | 57 | 54 | 011 | 32 | 0 | 969 | 08 | 04 | 15 | 0037 | 00 | 017 | 32 | 06 | 208 | 170 | 0 | 0 | 2 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Obs. time | Obs. depth | Temp. | Sal. | σ_t | Oxygen | | pH | PO ₄ -P µgat/l | Sal. method | Extra info. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | 27 | 28 | 29 | 30 | 31 | 32 | | | | | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | | | | | | | | | | | | | | | |
| 15 | 0000 | 2065 | 20493 | 1361 | 610 | | | 0.08 | | 3 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0005 | 2048 | 20532 | 1369 | 605 | | | 0.05 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0010 | 2007 | 21472 | 1450 | 604 | | | 0.02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0015 | 1903 | 23940 | 1663 | 564 | | | 0.03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0020 | 1461 | 28438 | 2104 | 409 | | | 0.40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0030 | 1265 | 31469 | 2376 | 428 | | | 0.48 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0035 | 1049 | 32527 | 2497 | 422 | | | 0.68 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | BT Slide 373/399/69 Observer Allersand Secchi disk: 10.0 m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

11 "Skagerak"

Station

77 Sweden

1969

P 1

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|------------|-------|-------|------------|------------------|------|-----|------------------------------|-----------------|-----------------|--|-------------------|------|---------|-------------|----------|---------|--------------|--------------|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 |
| 0240 | 57 | 53 | 011 | 25 | 0 | 969 | 08 | 04 | 16 | 0050 | 00 | 005 | 32 | 06 | 216 | 166 | 00 | 00 | 2 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Obs. time | Obs. depth | Temp. | Sal. | σ_t | Oxygen | | pH | PO ₄ -P µgat/l | Tot.P µgat/l | Sal. method | Extra info. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | 27 | 28 | 29 | 30 | 31 | 32 | | | | | | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | | | | | | | | | | | | | | |
| 16 | 0000 | | 21089 | | 495 | | | 0.06 | 0.29 | | 3 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0005 | 2037 | 21077 | 1413 | 598 | | | 0.13 | 0.34 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0010 | 1996 | 21675 | 1470 | 601 | | | 0.03 | 0.29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0015 | 1778 | 24583 | 1741 | 607 | | | 0.02 | 0.34 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0020 | 1655 | 30340 | 2207 | 586 | | | 0.10 | 0.28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0030 | 1494 | 31834 | 2356 | 563 | | | 0.12 | 0.36 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0040 | 1277 | 32477 | 2451 | 551 | | | 0.20 | 0.38 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0045 | 0960 | 32466 | 2507 | 526 | | | 0.42 | 0.60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | BT Slide Sk 374/399/69 Observer Engström Secchi disk: 11 m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

11 "Skagerak"

77 Sweden

1969

Station

P 2

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | Weather | Cloud amount | State of sea | Ice | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|------------|-------|-------|------------|------------------|------|-----|------------------------------|-----------------|------------------------------|-----------------|--------------------------|------|-----------------|-------------|----------|-----|---------|--------------|--------------|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 |
| 0242 | 57 | 52 | 011 | 18 | 0 | 969 | 08 | 04 | 17 | 0100 | 01 | 000 | | 32 | 06 | 205 | 170 | 0 | 0 | 2 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| Obs. time | Obs. depth | Temp. | Sal. | σ_t | Oxygen | | pH | PO ₄ -P μgat/l | Tot.P μgat/l | NO ₃ -N μgat/l | Sal. method | Extra info. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | 27 | 28 | 29 | 30 | 31 | 32 | | | | | | | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | | | | | | | | | | | | | |
| 17 | 0000 | 2004 | 21119 | 1425 | 603 | | | | | 0.32 | 0.26 | 3 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0005 | 1973 | 21128 | 1433 | 603 | | | 0.03 | 0.28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0010 | 1968 | 22026 | 1503 | 601 | | | 0.06 | 0.35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0015 | 1704 | 29229 | 2111 | 603 | | | 0.06 | 0.40 | 0.18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0020 | 1517 | 30796 | 2272 | 589 | | | 0.06 | 0.36 | 0.13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0030 | 1518 | 32634 | 2413 | 638 | | | 0.03 | 0.27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0040 | 1325 | 33373 | 2509 | 603 | | | 0.05 | 0.32 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0050 | 0978 | 34514 | 2663 | 618 | | | 0.21 | 0.38 | 0.46 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0060 | 0771 | 34721 | 2712 | 649 | | | 0.32 | 0.47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0070 | 0656 | 34893 | 2742 | 651 | | | 0.53 | 0.67 | 2.15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0080 | 0631 | 34912 | 2747 | 654 | | | 0.56 | 0.71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0090 | 0609 | 34955 | 2753 | 621 | | | 0.70 | 0.84 | 4.06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | BT Slide Sk 376/11601/69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | Observer Allersand | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | Secchi disk: 9 m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | NO ₂ -N | | NH ₃ | | Tot.N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | μgat/l | | μgat/l | | μgat/l | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0000 | | | | | | | 0 | 3.55 | 5.11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0015 | | | | | | | 0 | 3.55 | 8.88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0020 | | | | | | | 0 | 3.09 | 13.17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0050 | | | | | | | 0 | 4.89 | 23.87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0070 | | | | | | | 0.10 | 5.80 | 20.72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0090 | | | | | | | 0.17 | 5.16 | 15.32 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

11 "Skagerak"

Station

77 Sweden

1969

P 3

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|------------|-------|-------|------|------------------|--------|-----|-----|------------------------|-----------------|--------------------|-------------------|-------------|---------|-------------|----------|---------|--------------|--------------|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 |
| 0244 | 57 | 50 | 011 | 04 | 0 | 969 | 08 | 04 | 19 | 0048 | 00 | 003 | 05 | 02 | 205 | 169 | 00 | 2 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Obs. time | Obs. depth | Temp. | | Sal. | σ_t | Oxygen | | pH | PO ₄ -P | Tot. P | NO ₃ -N | Sol. method | Extra info. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | | 34 | 35 | 36 | | | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 77 | 78 | | | | | | | | | | | | | | |
| 19 | 0000 | 2036 | 22069 | 1489 | 594 | | | | 0.02 | 0.37 | 0.16 | | 3 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0005 | 1982 | 23044 | 1576 | 597 | | | | 0.03 | 0.37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0010 | 1632 | 28570 | 2077 | 588 | | | | 0.05 | 0.34 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0015 | 1512 | 30438 | 2245 | 567 | | | | 0.06 | 0.30 | 0.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0020 | 1439 | 31334 | 2330 | 562 | | | | 0.14 | 0.32 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0030 | 1374 | 32254 | 2414 | 559 | | | | 0.18 | 0.33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0040 | 0802 | 34678 | 2704 | 595 | | | | 0.48 | 0.71 | 1.02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | BT Slide Sk 378/399/69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | Observer Allersand | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | Secchi disk: 8 m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | NO ₂ -N | NH ₃ | Tot. N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | µgat/l | µgat/l | µgat/l | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0000 | | | | | | | | 0 | 4.17 | 31.08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0015 | | | | | | | | 0 | 1.39 | 12.56 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0040 | | | | | | | | 0.05 | 7.04 | 13.32 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

11 "Skagerak"

77 Sweden

1969

Station

R 53

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | | Long. | | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | | Weather | Cloud amount | State of sea | Ice | | |
|-------------|------|----|-----|-------|---|----|------------------|------|-----|-----|--------------|-----------------|-----------------|-------------------|------|---------|-------------|----------|----|----|---------|--------------|--------------|-----|----|----|
| | ° | ' | '' | ° | ' | '' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | 51 | 52 | | | | | 53 | 54 |
| 0246 | 57 | 48 | 010 | 42 | 0 | | 969 | 08 | 04 | 21 | 0083 | 01 | 000 | 09 | 02 | 189 | 167 | 00 | 2 | 0 | | | | | | |

| Obs. time | Obs. depth | Temp. | Sal. | σ_t | Oxygen | | pH | PO ₄ -P μ gat/l | Tot.P μ gat/l | NO ₃ -N μ gat/l | Sal. method | Extra info. |
|-----------|-------------|-------------|----------------|----------------|----------|-------------|----|-----------------------------------|----------------------|-----------------------------------|-------------|-------------|
| | | | | | ml/l | % | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 34 35 | 36 37 38 39 40 | 41 42 43 44 45 | 58 59 60 | 61 62 63 64 | | | | | 77 | 78 |

| | | | | | | | | | | | | | | |
|----|------|------|-------|------|-----|--|--|--------------------------|-----------------|-------------|---|---|--|--|
| 21 | 0000 | 1707 | 29966 | 2167 | 610 | | | 0.05 | 0.44 | 0.15 | 3 | 3 | | |
| | 0005 | 1525 | 31486 | 2324 | 572 | | | 0.06 | 0.47 | | | | | |
| | 0010 | 1302 | 33496 | 2524 | 558 | | | 0.30 | 0.67 | | | | | |
| | 0015 | 1207 | 33972 | 2579 | 596 | | | 0.08 | 0.40 | | | | | |
| | 0020 | 1138 | 34117 | 2606 | 600 | | | 0.11 | 0.45 | 0.51 | | | | |
| | 0030 | 0928 | 34332 | 2658 | 577 | | | 0.33 | 0.55 | | | | | |
| | 0040 | 0803 | 34574 | 2696 | 610 | | | 0.30 | 0.50 | | | | | |
| | 0050 | 0714 | 34788 | 2726 | 650 | | | 0.38 | 0.55 | 1.04 | | | | |
| | 0075 | 0627 | 34917 | 2748 | 635 | | | 0.60 | 0.85 | 2.86 | | | | |
| | | | | | | | | BT Slide Sk 380/11601/69 | | | | | | |
| | | | | | | | | Observer Allersand | | | | | | |
| | | | | | | | | NO ₂ -N | NH ₃ | Tot.N | | | | |
| | | | | | | | | μ gat/l | μ gat/l | μ gat/l | | | | |
| | 0000 | | | | | | | 0 | 8.00 | 10.49 | | | | |
| | 0020 | | | | | | | 0 | 7.50 | 20.04 | | | | |
| | 0050 | | | | | | | 0.02 | 4.57 | 9.52 | | | | |
| | 0075 | | | | | | | 0.13 | 7.46 | 12.13 | | | | |

11 "Skagerak"

77 Sweden

1969

Station

R 45

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | | Long. | | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | | Weather | Cloud amount | State of sea | Ice | | | | | | | | | | | | | | | | | | | | | |
|-------------|------------|-------|-------|------------|--------|-----|------------------|------------------------------|-------------|-------------|--------------|-----------------|-----------------|-------------------|------|-----|-------------|----|----|----|---------|--------------|--------------|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | 5 | 6 | 7 | 8 | 9 | 10 | | 11 | 12 | 13 | | | | | 14 | 15 | 16 | 17 | 18 | 19 | | | | | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 |
| 0248 | 58 | 16 | 009 | 58 | 0 | 969 | 08 | 05 | 04 | 0550 | 05 | 007 | 09 | 04 | 184 | 162 | 1 | 22 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Obs. time | Obs. depth | Temp. | Sal. | σ_t | Oxygen | | pH | PO ₄ -P µgat/l | Sal. method | Extra info. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | 27 | 28 | 29 | 30 | 31 | 32 | | | | | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 77 | 78 | | | | | | | | | | | | | |
| 05 | 0000 | 1798 | 31296 | 2247 | 604 | | | 0.03 | | 3 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0005 | 1799 | 31297 | 2247 | 603 | | | 0.03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0010 | 1424 | 32875 | 2452 | 654 | | | 0.06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0015 | 0826 | 32333 | 2517 | 664 | | | 0.06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0020 | 0616 | 34527 | 2719 | 743 | | | 0.24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0030 | 0572 | 34662 | 2734 | 669 | | | 0.56 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0040 | 0583 | 34808 | 2745 | 632 | | | 0.71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0050 | | 34862 | | 632 | | | 0.75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0075 | 0597 | 34955 | 2755 | 638 | | | 0.81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0100 | 0593 | 34989 | 2757 | 643 | | | 0.86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 04 | 0125 | 0584 | 35025 | 2762 | 638 | | | 0.84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0150 | 0592 | 35063 | 2763 | 630 | | | 0.87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0200 | 0579 | 35103 | 2767 | 619 | | | 0.90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0300 | 0572 | 35142 | 2772 | 623 | | | 0.93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0400 | 0558 | 35154 | 2775 | 639 | | | 0.81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0500 | 0543 | 35154 | 2777 | 661 | | | 0.86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | BT Slide Sk 382/11601/69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | Observer Allersand | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | Secchi disk: 10 m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | N 58° 16.4' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | E 09° 57.5' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

11 "Skagerak"

77 Sweden

1969

Station

Å 17

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | | Weather | Cloud amount | State of sea | Ice |
|-------------|------|----|-------|----|------------------|------|-----|-----|--------------|-----------------|-----------------|-------------------|------|---------|-------------|----------|----|----|---------|--------------|--------------|-----|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | 60 | 61 | | | | |
| 0250 | 58 | 15 | 010 | 34 | 0 | 969 | 08 | 05 | 08 | 0280 | 03 | 008 | 09 | 02 | 189 | 161 | 12 | 1 | 0 | | | |

| Obs. time | Obs. depth | Temp. | Sal. | σ_t | Oxygen | | pH | PO ₄ -P µgat/l | Sal. method | Extra info. |
|-----------|-------------|-------------|----------------|----------------|----------|-------------|----|------------------------------|-------------|-------------|
| | | | | | ml/l | % | | | | |
| 26 27 | 28 29 30 31 | 32 33 34 35 | 36 37 38 39 40 | 41 42 43 44 45 | 58 59 60 | 61 62 63 64 | | | 77 | 78 |

| | | | | | | | | | | |
|----|------|------|-------|------|-----|--|--|------|--|--|
| 08 | 0000 | 1812 | 31486 | 2259 | 609 | | | 0.03 | | |
| | 0005 | 1806 | 31491 | 2260 | 613 | | | 0.05 | | |
| | 0010 | 1416 | 32385 | 2416 | 676 | | | 0.02 | | |
| | 0015 | 1303 | 34092 | 2570 | 702 | | | 0.03 | | |
| | 0020 | 1031 | 34274 | 2636 | 733 | | | 0.05 | | |
| | 0030 | 0846 | 34715 | 2701 | 693 | | | 0.20 | | |
| | 0040 | 0741 | 34961 | 2736 | 655 | | | 0.50 | | |
| | 0050 | 0689 | 35050 | 2750 | 643 | | | 0.65 | | |
| | 0075 | 0642 | 35151 | 2764 | 632 | | | 0.80 | | |
| | 0100 | 0597 | 35155 | 2771 | 656 | | | 0.82 | | |
| | 0125 | 0572 | 35139 | 2772 | 632 | | | 0.87 | | |
| | 0150 | 0582 | 35172 | 2773 | 644 | | | 0.86 | | |
| | 0200 | 0585 | 35189 | 2774 | 642 | | | 0.86 | | |
| | 0275 | 0580 | 35193 | 2775 | 640 | | | 0.87 | | |

BT Slide Sk 384/11601/69
 Observer Engström
 N 58° 14.5'
 E 10° 34'
 Secchi disk: 9 m

11 "Skagerak"

77 Sweden

1969

Station

Å 15

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | | Weather | Cloud amount | State of sea | Ice |
|-------------|-------------|-------|-------|-------|------------------|------------|----------|--------|--------------|-----------------|--------------------------|--------------------|--------------------|-------------|-------------|-------------|-------|-------|---------|--------------|--------------|-----|
| | o | ' | o | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | 51 52 | 53 54 | | | | |
| 0252 | 58 | 18 | 010 | 51 | 0 | 969 | 08 | 05 | 10 | 0145 | 01 | 000 | 09 | 02 | 191 | 164 | 1 | 21 | 0 | | | |
| Obs. time | Obs. depth | | Temp. | | Sal. | σ_t | | Oxygen | | pH | PO ₄ -P | NO ₃ -N | NO ₂ -N | Sol. method | Extra info. | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | 43 44 45 | 53 | 59 60 | | 61 62 63 64 | μ gat/l | μ gat/l | | | μ gat/l | 77 | 78 | | | | |
| 10 | 0000 | 1874 | 26406 | 1859 | 604 | | | | | | 0.06 | 0.18 | 0 | | 33 | | | | | | | |
| | 0005 | 1827 | 30316 | 2166 | 606 | | | | | | 0.03 | | | | | | | | | | | |
| | 0010 | 1793 | 32530 | 2342 | 610 | | | | | | 0.02 | | | | | | | | | | | |
| | 0015 | 1785 | 32780 | 2363 | 605 | | | | | | 0.06 | | | | | | | | | | | |
| | 0020 | 1377 | 33552 | 2513 | 682 | | | | | | 0.03 | 0.14 | 0 | | | | | | | | | |
| | 0030 | 1102 | 34929 | 2675 | 703 | | | | | | 0.12 | | | | | | | | | | | |
| | 0040 | 0693 | 34769 | 2727 | 647 | | | | | | 0.33 | | | | | | | | | | | |
| | 0050 | 0655 | 34760 | 2731 | 640 | | | | | | 0.42 | 1.23 | 0.03 | | | | | | | | | |
| | 0075 | 0646 | 34943 | 2747 | 659 | | | | | | 0.52 | | | | | | | | | | | |
| | 0100 | 0589 | 34987 | 2758 | 658 | | | | | | 0.69 | 5.84 | 0.18 | | | | | | | | | |
| | 0125 | 0571 | 35039 | 2764 | 640 | | | | | | 0.71 | 7.44 | 0.23 | | | | | | | | | |
| | | | | | | | | | | | BT Slide Sk 386/11601/69 | | | | | | | | | | | |
| | | | | | | | | | | | Observer Allersand | | | | | | | | | | | |
| | | | | | | | | | | | N 58° 17.7' | | | | | | | | | | | |
| | | | | | | | | | | | E 10° 51' | | | | | | | | | | | |
| | | | | | | | | | | | Secchi disk: 12 m | | | | | | | | | | | |
| | | | | | | | | | | | NH ₃ Tot.N | | | | | | | | | | | |
| | | | | | | | | | | | μ gat/l μ gat/l | | | | | | | | | | | |
| | 0000 | | | | | | | | | | 2.57 | 53.0 | | | | | | | | | | |
| | 0020 | | | | | | | | | | 2.57 | 20.84 | | | | | | | | | | |
| | 0050 | | | | | | | | | | 4.62 | 18.65 | | | | | | | | | | |
| | 0100 | | | | | | | | | | 4.35 | 31.32 | | | | | | | | | | |
| | 0125 | | | | | | | | | | 3.85 | 27.82 | | | | | | | | | | |

11 "Skagerak"

77 Sweden

1969

Station

Å 13

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | | | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice |
|-------------|------|----|-------|----|---|---|---|------------------|------|-----|-----|--------------|-----------------|-----------------|-------------------|------|---------|-------------|----------|---------|--------------|--------------|-----|
| | ° | ' | ° | ' | ° | ' | ° | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | |
| 0254 | 58 | 20 | 011 | 02 | 0 | | | 969 | 08 | 05 | 12 | 0085 | 01 | 000 | | 32 | 02 | 198 | 166 | 00 | 1 | 0 | |

| Obs. time | Obs. depth | Temp. | Sal. | σ_t | Oxygen | | pH | PO ₄ -P µgat/l | Soil. method | Extra info. |
|-----------|-------------|-------------|----------------|----------------|----------|-------------|----|------------------------------|--------------|-------------|
| | | | | | ml/l | % | | | | |
| 26 27 | 28 29 30 31 | 32 33 34 35 | 36 37 38 39 40 | 41 42 43 44 45 | 58 59 60 | 61 62 63 64 | | | 77 | 78 |

| | | | | | | | | | | |
|--|------|------|-------|------|-----|--|------|--|---|---|
| 12 | 0000 | 1985 | 22442 | 1529 | 599 | | 0.10 | | 3 | 4 |
| | 0005 | 1943 | 22630 | 1554 | 607 | | 0.02 | | | |
| | 0010 | 1598 | 29131 | 2128 | 618 | | 0.07 | | | |
| | 0015 | 1615 | 32367 | 2372 | 647 | | 0.02 | | | |
| | 0020 | 1539 | 32625 | 2409 | 663 | | 0.00 | | | |
| | 0030 | 1377 | 33053 | 2475 | 629 | | 0.05 | | | |
| | 0040 | 1199 | 34350 | 2613 | 639 | | 0.07 | | | |
| | 0050 | 0881 | 34668 | 2691 | 640 | | 0.24 | | | |
| | 0075 | 0678 | 34908 | 2740 | 639 | | 0.62 | | | |
| BT Slide Sk 388/11601/69 Observer Allersand N 58° 20.2' E 11° 02' Secchi disk: 9 m | | | | | | | | | | |

11 "Skagerak"

77 Sweden

1969

Station

A 11

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | | Weather | Cloud amount | State of sea | Ice |
|-------------|-------------|-------|-------|-------|------------|------------------|----------|-----|-----|---|-----------------|-----------------|-------------------|----------|---------|-------------|----------|----|----|---------|--------------|--------------|-----|
| | o | ' | o | ' | W | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | 61 | 62 | | | | |
| 0256 | 58 | 20 | 011 | 10 | 0 | | 969 | 08 | 05 | 13 | 0050 | 00 | 000 | 32 | 04 | 202 | 171 | 0 | 0 | 0 | 10 | | |
| Obs. time | Obs. depth | Temp. | | Sal. | σ_t | | Oxygen | | pH | PO ₄ -P $\mu\text{gat/l}$ | Sal. method | Extra info. | | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | 43 44 45 | 58 | | | | | 59 60 | 61 62 63 | 64 | 77 78 | | | | | | | |
| 13 | 0000 | 2031 | | 22562 | 1527 | 600 | | | | | | 0.05 | | | | | | | | | | 3 | 4 |
| | 0005 | 1964 | | 23833 | 1640 | 602 | | | | | | 0.02 | | | | | | | | | | | |
| | 0010 | 2114 | | 24834 | 1679 | 586 | | | | | | 0.02 | | | | | | | | | | | |
| | 0015 | 1696 | | 28102 | 2027 | 575 | | | | | | 0.06 | | | | | | | | | | | |
| | 0020 | 1617 | | 30982 | 2264 | 594 | | | | | | 0.10 | | | | | | | | | | | |
| | 0030 | 1481 | | 32745 | 2430 | 626 | | | | | | 0.06 | | | | | | | | | | | |
| | 0040 | 1103 | | 33548 | 2567 | 572 | | | | | | 0.30 | | | | | | | | | | | |
| | 0045 | 0892 | | 34270 | 2659 | 589 | | | | | | 0.44 | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |

BT Slide Sk 390/399/69
Observer Allersand
N 58° 20.2'
E 11° 09.5'
Secchi disk: 10 m

11 "Skagerak"

77 Sweden

1969

Hydro Depth Observations (Code 03)

Station

Smedjepricken

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | | Weather | Cloud amount | State of sea | Ice | | | | | | |
|-------------|------------|-------|-------|------|------------------|--------|-----|-----|---------------------------------|-----------------|-----------------|------------------------|------|---------|-------------|----------|----|----|---------|--------------|--------------|-----|----|----|----|----|----|----|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | 51 | 52 | | | | | 53 | 54 | 55 | 56 | 57 | 58 |
| 0258 | 58 | 16 | 011 | 22 | 0 | 969 | 08 | 06 | 07 | 0050 | 00 | 013 | 99 | 02 | 197 | 169 | 1 | 50 | 0 | | | | | | | | | |
| Obs. time | Obs. depth | Temp. | | Sal. | σ_t | Oxygen | | pH | $PO_4 - P$ $\mu\text{gat/l}$ | Sol. method | Extra info. | | | | | | | | | | | | | | | | | |
| 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | | | | | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 58 | 59 | 60 | 61 | 62 |
| 07 | 0000 | 20 | 32 | 22 | 520 | 15 | 24 | 598 | 822 | 0.05 | | | | | | | | | | | | | | | | 3 | 3 | |
| | 0005 | 20 | 28 | 22 | 565 | 15 | 28 | 597 | 824 | 0.05 | | | | | | | | | | | | | | | | | | |
| | 0010 | 20 | 11 | 23 | 441 | 15 | 99 | 593 | 823 | 0.05 | | | | | | | | | | | | | | | | | | |
| | 0015 | 19 | 52 | 25 | 515 | 17 | 70 | 588 | 823 | 0.06 | | | | | | | | | | | | | | | | | | |
| | 0020 | 13 | 97 | 30 | 761 | 22 | 94 | 541 | 813 | 0.19 | | | | | | | | | | | | | | | | | | |
| | 0025 | 13 | 30 | 31 | 573 | 23 | 71 | 530 | 817 | 0.24 | | | | | | | | | | | | | | | | | | |
| | 0030 | 12 | 36 | 32 | 395 | 24 | 52 | 527 | 815 | 0.40 | | | | | | | | | | | | | | | | | | |
| | 0035 | 11 | 49 | 33 | 024 | 25 | 18 | 527 | 813 | 0.50 | | | | | | | | | | | | | | | | | | |
| | 0040 | 11 | 60 | 33 | 452 | 25 | 50 | 534 | 814 | 0.43 | | | | | | | | | | | | | | | | | | |
| | 0045 | 10 | 21 | 33 | 656 | 25 | 90 | 525 | 813 | 0.54 | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | BT Slide Sk 392/399/69 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | Observer Allersand | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | N 58° 15.85' | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | E 11° 22.35' | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | Secchi disk: 11 m | | | | | | | | | | | | | | | | |

11 "Skagerak"

77 Sweden

1969

Station
Bredungen

Hydro Depth Observations (Code 0 3)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice |
|-------------|-------------|-------|----------|-------|------------------|------------|----------|----------|--------------|-----------------|------------------------------|------------------------|-------------|---------|-------------|----------|---------|--------------|--------------|-----|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | |
| 5 6 7 8 | 9 10 | 11 12 | 13 14 15 | 16 17 | 18 | 19 20 21 | 22 23 | 24 25 | 26 27 | 28 29 30 31 | 46 47 | 48 49 50 | 51 52 | 53 54 | 55 56 57 | 58 59 60 | 61 | 62 | 63 | 64 |
| 0262 | 58 | 25 | 011 | 36 | 0 | 969 | 08 | 06 | 10 | 0034 | 00 | | 00 | 00 | 224 | 154 | 14 | 0 | 0 | |
| Obs. time | Obs. depth | Temp. | | Sal. | | σ_t | | Oxygen | | pH | PO ₄ -P µgat/l | Sol. method | Extra info. | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | 43 44 45 | 58 59 60 | 61 62 63 64 | | | | | 77 | 78 | | | | | |
| 10 | 0000 | 2108 | 23442 | 1574 | 595 | | | 828 | 0.11 | | | 3 | 3 | | | | | | | |
| | 0005 | 2058 | 24146 | 1641 | 602 | | | 832 | 0.06 | | | | | | | | | | | |
| | 0010 | 2030 | 25445 | 1746 | 620 | | | 835 | 0.03 | | | | | | | | | | | |
| | 0015 | 1927 | 25766 | 1796 | 598 | | | 828 | 0.13 | | | | | | | | | | | |
| | 0020 | 1739 | 26618 | 1906 | 553 | | | 825 | 0.25 | | | | | | | | | | | |
| | 0025 | 1329 | 30777 | 2309 | 499 | | | 818 | 0.33 | | | | | | | | | | | |
| | 0030 | 1080 | 31486 | 2410 | 473 | | | 813 | 0.54 | | | | | | | | | | | |
| | | | | | | | | | | | | BT Slide Sk 396/399/69 | | | | | | | | |
| | | | | | | | | | | | | Observer Allersand | | | | | | | | |
| | | | | | | | | | | | | N 58° 24.6' | | | | | | | | |
| | | | | | | | | | | | | E 11° 36' | | | | | | | | |
| | | | | | | | | | | | | Secchi disk: 10 m | | | | | | | | |

11 "Skagerak"

Station

77 Sweden

1969

Ormestad

Hydro Depth Observations (Code 0 3)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice |
|-------------|-------------|-------|----------|------------|------------------|----------|-------|------------------------------|--------------|-----------------|--------------------------|-------------------|-------|-------------|-------------|----------|---------|--------------|--------------|-----|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | |
| 5 6 7 8 | 9 10 | 11 12 | 13 14 15 | 16 17 | 18 | 19 20 21 | 22 23 | 24 25 | 26 27 | 28 29 30 31 | 46 47 | 48 49 50 | 51 52 | 53 54 | 55 56 57 | 58 59 60 | 61 62 | 63 64 | | |
| 0264 | 58 | 22 | 011 | 36 | 0 | 969 | 08 | 06 | 13 | 0085 | 01 | | 27 | 04 | 246 | 168 | 1 | 4 | 1 | 0 |
| Obs. time | Obs. depth | Temp. | Sal. | σ_t | Oxygen | | pH | PO ₄ -P µgat/l | Sal. method | Extra info. | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | | | | | 43 44 45 | 58 | 59 60 | 61 62 63 64 | | | | | | |
| 13 | 0000 | 2069 | 23099 | 1559 | 598 | | | 826 | 0.05 | | 3 | 3 | | | | | | | | |
| | 0005 | 2051 | 23194 | 1570 | 611 | | | 829 | 0.06 | | | | | | | | | | | |
| | 0010 | 2014 | 25256 | 1735 | 614 | | | 830 | 0.05 | | | | | | | | | | | |
| | 0015 | 1940 | 25711 | 1788 | 614 | | | 831 | 0.03 | | | | | | | | | | | |
| | 0020 | 1723 | 27295 | 1960 | 522 | | | 820 | 0.08 | | | | | | | | | | | |
| | 0030 | | 31530 | | 524 | | | | 0.30 | | | 4 | | | | | | | | |
| | 0040 | 0760 | 32728 | 2558 | 519 | | | 814 | 0.42 | | | 3 | | | | | | | | |
| | 0050 | 0574 | 33892 | 2673 | 462 | | | 802 | 0.76 | | | | | | | | | | | |
| | 0060 | 0571 | 34417 | 2715 | 485 | | | 797 | 1.04 | | | | | | | | | | | |
| | 0070 | 0574 | 34503 | 2720 | 440 | | | 793 | 1.17 | | | | | | | | | | | |
| | 0080 | 0577 | 34547 | 2725 | 394 | | | 789 | 1.58 | | | | | | | | | | | |
| | | | | | | | | | | | BT Slide Sk 398/11601/69 | | | | | | | | | |
| | | | | | | | | | | | Observer Allersand | | | | | | | | | |
| | | | | | | | | | | | N 58° 22.2' | | | | | | | | | |
| | | | | | | | | | | | E 11° 36.4' | | | | | | | | | |
| | | | | | | | | | | | Secchi disk: 10 m | | | | | | | | | |

11 "Skagerak"

77 Sweden

1969

Station

Borgilafjord

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | | Weather | Cloud amount | State of sea | Ice |
|-------------|-------------|-------------|----------------|----------------|----------|------------------|-------|------------------------------|-------------|--------------|------------------------|-----------------|-------------------|-------|----------|-------------|----------|----|----|---------|--------------|--------------|-----|
| | ° | ' | ° | ' | '' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | | | |
| 5 6 7 8 | 9 10 | 11 12 | 13 14 15 | 16 17 | 18 | 19 20 21 | 22 23 | 24 25 | 26 27 | 28 29 30 31 | 46 47 | 48 49 50 | 51 52 | 53 54 | 55 56 57 | 58 59 60 | 61 | 62 | 63 | 64 | | | |
| 0269 | 58 | 15 | 011 | 38 | 0 | 969 | 08 | 07 | 11 | 0060 | 01 | 006 | 34 | 06 | 239 | 160 | 00 | 1 | 0 | | | | |
| Obs. time | Obs. depth | Temp. | Sal. | σ_t | Oxygen | | pH | PO ₄ -P µgat/l | Sel. method | Extra info. | | | | | | | | | | | | | |
| | | | | | ml/l | % | | | | | | | | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 34 35 | 36 37 38 39 40 | 41 42 43 44 45 | 58 59 60 | 61 62 63 64 | | | 77 | 78 | | | | | | | | | | | | | |
| 11 | 0000 | 2048 | 21823 | 1466 | 612 | | 822 | 0.07 | | 3 | 3 | | | | | | | | | | | | |
| | 0005 | 2058 | 21815 | 1464 | 604 | | 829 | 0.08 | | | | | | | | | | | | | | | |
| | 0010 | 1495 | 22969 | 1677 | 417 | | 796 | 0.18 | | | | | | | | | | | | | | | |
| | 0015 | | 28065 | | 090 | | | 1.43 | | | 4 | | | | | | | | | | | | |
| | 0020 | 0544 | 28438 | 2247 | 118 | | 734 | 1.80 | | | 3 | | | | | | | | | | | | |
| | 0030 | 0490 | 28878 | 2286 | 152 | | 734 | 1.98 | | | | | | | | | | | | | | | |
| | 0040 | 0478 | 29048 | 2301 | 132 | | 735 | 2.01 | | | | | | | | | | | | | | | |
| | 0050 | 0480 | 29143 | 2308 | 113 | | 733 | 1.86 | | | | | | | | | | | | | | | |
| | 0055 | 0474 | 29154 | 2309 | 107 | | 733 | 1.97 | | | | | | | | | | | | | | | |
| | | | | | | | | | | | BT Slide Sk 403/399/69 | | | | | | | | | | | | |
| | | | | | | | | | | | Observer Allersand | | | | | | | | | | | | |
| | | | | | | | | | | | N 58° 15.2' | | | | | | | | | | | | |
| | | | | | | | | | | | E 11° 37.75' | | | | | | | | | | | | |
| | | | | | | | | | | | Secchi disk: 7 m | | | | | | | | | | | | |

11 "Skagerak"

77 Sweden

1969

Station

Havstensfjord

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | | Long. | | | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | | Weather | Cloud amount | State of sea | Ice |
|-------------|-------------|-------|-------|-------|------------|-------|----------|------------------|------|--------------------|--------|--------------|------------------------|-----------------|-------------------|---------|----------|-------------|-------|-------|-------|---------|--------------|--------------|-----|
| | ° | ' | '' | ° | ' | '' | Year | | Mo. | Day | Dir. | | | | | Sp. kn. | Dry bulb | Wet bulb | 51 52 | 53 54 | 55 56 | | | | |
| 0271 | 58 | 11 | | 011 | 46 | 0 | | 969 | 08 | 07 | 13 | 0041 | 00 | 004 | 34 | 04 | 250 | 182 | 00 | 00 | 2 | 0 | | | |
| Obs. time | Obs. depth | Temp. | | Sal. | σ_t | | Oxygen | | pH | PO ₄ -P | Tot.P | Sol. method | Extra info. | | | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | 43 44 45 | 58 59 60 | | 61 62 63 64 | µgat/l | | | µgat/l | 77 78 | | | | | | | | | | |
| 13 | 0000 | 2147 | 21598 | 1426 | 610 | | | 826 | 0.12 | 0.40 | 3 | 3 | | | | | | | | | | | | | |
| | 0005 | 2039 | 21711 | 1461 | 617 | | | 831 | 0.14 | 0.49 | | | | | | | | | | | | | | | |
| | 0010 | 1683 | 23586 | 1686 | 520 | | | 809 | 0.14 | 0.58 | | | | | | | | | | | | | | | |
| | 0015 | 1158 | 26889 | 2042 | 231 | | | 758 | 0.51 | 0.77 | | | | | | | | | | | | | | | |
| | 0020 | 0698 | 29203 | 2289 | 116 | | | 734 | 1.10 | 1.34 | | | | | | | | | | | | | | | |
| | 0030 | 0539 | 33462 | 2643 | 126 | | | 738 | 2.25 | 2.31 | | | | | | | | | | | | | | | |
| | 0038 | 0535 | 33669 | 2660 | 063 | | | 731 | 4.70 | 3.94 | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | BT Slide Sk 405/399/69 | | | | | | | | | | | | |
| | | | | | | | | | | | | | Observer Allersand | | | | | | | | | | | | |
| | | | | | | | | | | | | | N 58° 10.75' | | | | | | | | | | | | |
| | | | | | | | | | | | | | E 11° 46.4' | | | | | | | | | | | | |
| | | | | | | | | | | | | | Secchi disk: 8 m | | | | | | | | | | | | |

11 "Skagerak"

77 Sweden

1969

Station

Byfjorden

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | | Long. | | | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | | Weather | Cloud amount | State of sea | Ice |
|-------------|-------------|-------|-------|-------|------------|-------|----------|------------------|------|--------------------|------------------|--------------|------------------------|-----------------|-------------------|---------|----------|-------------|-------|-------|-------|---------|--------------|--------------|-----|
| | ° | ' | '' | ° | ' | '' | Year | | Mo. | Day | Dir. | | | | | Sp. kn. | Dry bulb | Wet bulb | 51 52 | 53 54 | 55 56 | | | | |
| 0272 | 58 | 20 | | 011 | 53 | 0 | | 969 | 08 | 07 | 14 | 0045 | 00 | 006 | 32 | 08 | 252 | 181 | 00 | 00 | 2 | 0 | | | |
| Obs. time | Obs. depth | Temp. | | Sal. | σ_t | | Oxygen | | pH | PO ₄ -P | H ₂ S | Sol. method | Extra info. | | | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | 43 44 45 | 58 59 60 | | 61 62 63 64 | µgat/l | | | µgat/l | 77 78 | | | | | | | | | | |
| 14 | 0000 | 2090 | 21800 | 1456 | 640 | | | 825 | 0.43 | | 3 | 3 | | | | | | | | | | | | | |
| | 0005 | 2086 | 21783 | 1455 | 638 | | | 828 | 0.38 | | | | | | | | | | | | | | | | |
| | 0010 | 1356 | 23760 | 1764 | 193 | | | 762 | 1.14 | | | | | | | | | | | | | | | | |
| | 0015 | 0606 | 29967 | 2360 | | | | 724 | 2.49 | 64.0 | | | | | | | | | | | | | | | |
| | 0020 | 0550 | 30228 | 2386 | | | | 727 | 5.72 | 72.0 | | | | | | | | | | | | | | | |
| | 0030 | 0516 | 30496 | 2412 | | | | 728 | 6.95 | 46.0 | | | | | | | | | | | | | | | |
| | 0040 | 0514 | 30746 | 2432 | | | | 722 | 7.42 | 70.0 | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | BT Slide Sk 406/399/69 | | | | | | | | | | | | |
| | | | | | | | | | | | | | Observer Allersand | | | | | | | | | | | | |
| | | | | | | | | | | | | | Secchi disk: 4.5 m | | | | | | | | | | | | |

11 "Skagerak"

77 Sweden

1969

Station

Halsa nabbe

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | | Long. | | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | | Weather | Cloud amount | State of sea | Ice | | | | |
|-------------|------------|-------|-------|-------|------------|--------|------------------|------|--------------------|-------|--------------|-----------------|------------------------|-------------------|------|---------|-------------|----------|----|----|---------|--------------|--------------|-----|----|----|----|----|
| | ° | ' | '' | ° | ' | '' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | 58 | 59 | | | | | 60 | 61 | 62 | 63 |
| 0275 | 58 | 08 | 011 | 50 | 0 | | 969 | 08 | 08 | 07 | 0035 | 00 | 007 | 36 | 02 | 194 | 174 | 00 | 1 | 0 | | | | | | | | |
| Obs. time | Obs. depth | Temp. | | Sal. | σ_t | Oxygen | | pH | PO ₄ -P | Tot.P | Sol. method | Extra info. | | | | | | | | | | | | | | | | |
| 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | | | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 58 | 59 | 60 | 61 | 62 | 63 | 64 |
| 07 | 0000 | 2061 | 23362 | 1580 | 565 | | | | 832 | 0.05 | 0.55 | | | | | | | | | | | | | 3 | 3 | | | |
| | 0005 | 2022 | 23482 | 1599 | 596 | | | | 831 | 0.13 | 0.67 | | | | | | | | | | | | | | | | | |
| | 0010 | 1903 | 24229 | 1685 | 548 | | | | 825 | 0.24 | 0.67 | | | | | | | | | | | | | | | | | |
| | 0015 | 1450 | 26614 | 1966 | 373 | | | | 796 | 0.64 | 0.96 | | | | | | | | | | | | | | | | | |
| | 0020 | 1111 | 28303 | 2159 | 239 | | | | 774 | 1.03 | 1.30 | | | | | | | | | | | | | | | | | |
| | 0030 | 1004 | 28842 | 2217 | 196 | | | | 766 | 1.17 | 1.43 | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | BT Slide Sk 409/399/69 | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | Observer Allersand | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | N 58° 07.82' | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | E 11° 50.23' | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | Secchi disk: 7 m | | | | | | | | | | | | | | | |

11 "Skagerak"

77 Sweden

1969

Station

Askeröfjorden

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | | Long. | | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | | Weather | Cloud amount | State of sea | Ice | | | | |
|-------------|------------|-------|-------|-------|------------|--------|------------------|------|--------------------|-------|--------------|-----------------|------------------------|-------------------|------|---------|-------------|----------|----|----|---------|--------------|--------------|-----|----|----|----|----|
| | ° | ' | '' | ° | ' | '' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | 58 | 59 | | | | | 60 | 61 | 62 | 63 |
| 0276 | 58 | 04 | 011 | 47 | 0 | | 969 | 08 | 08 | 07 | 0030 | 00 | 008 | 36 | 02 | 202 | 178 | 0 | 0 | 1 | 0 | | | | | | | |
| Obs. time | Obs. depth | Temp. | | Sal. | σ_t | Oxygen | | pH | PO ₄ -P | Tot.P | Sol. method | Extra info. | | | | | | | | | | | | | | | | |
| 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | | | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 58 | 59 | 60 | 61 | 62 | 63 | 64 |
| 07 | 0000 | 2102 | 22459 | 1502 | 619 | | | | 828 | 0.06 | 0.45 | | | | | | | | | | | | | | | 3 | 3 | |
| | 0005 | 2110 | 23185 | 1555 | 597 | | | | 835 | 0.08 | 0.49 | | | | | | | | | | | | | | | | | |
| | 0010 | 1993 | 23694 | 1623 | 555 | | | | 827 | 0.14 | 0.60 | | | | | | | | | | | | | | | | | |
| | 0015 | 1250 | 27821 | 2099 | 260 | | | | 781 | 0.92 | 1.30 | | | | | | | | | | | | | | | | | |
| | 0020 | 1196 | 30025 | 2278 | 305 | | | | 788 | 0.92 | 1.28 | | | | | | | | | | | | | | | | | |
| | 0027 | 1162 | 31064 | 2364 | 328 | | | | 789 | 1.05 | 1.39 | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | BT Slide Sk 410/399/69 | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | Observer Engström | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | N 58° 04.23' | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | E 11° 47.20' | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | Secchi disk: 7 m | | | | | | | | | | | | | | | |

11 "Skagerak"

77 Sweden

1969

Station

Marstrandsfjorden

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | | Weather | Cloud amount | State of sea | Ice | | |
|-------------|-------------|-------|-------|------------|------------------|-------|-----|------------------------------|--------------|-----------------|------------------------|-------------------|-------|----------|-------------|----------|-------|-------|---------|--------------|--------------|-----|-------|----------|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | 51 52 | 53 54 | | | | | 55 56 | 57 58 59 |
| 0279 | 57 | 54 | 011 | 32 | 0 | 969 | 08 | 08 | 10 | 0037 | 00 | 005 | 36 | 06 | 202 | 189 | 00 | 2 | 0 | | | | | |
| Obs. time | Obs. depth | Temp. | Sal. | σ_t | Oxygen | | pH | PO ₄ -P µgat/l | Sol. method | Extra info. | | | | | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | | | | | 43 44 45 | 58 | 59 60 | 61 62 63 | 64 | 77 | 78 | | | | | | | |
| 10 | 0000 | 2101 | 21991 | 1467 | 607 | | | 825 | 0.06 | | | | | | | | | | | | | | 3 | 3 |
| | 0005 | 2014 | 22922 | 1558 | 587 | | | 826 | 0.05 | | | | | | | | | | | | | | | |
| | 0010 | 1900 | 24013 | 1669 | 565 | | | 820 | 0.07 | | | | | | | | | | | | | | | |
| | 0015 | 1575 | 30374 | 2227 | 544 | | | 814 | 0.17 | | | | | | | | | | | | | | | |
| | 0020 | 1407 | 31326 | 2336 | 497 | | | 810 | 0.31 | | | | | | | | | | | | | | | |
| | 0030 | 0928 | 33475 | 2591 | 504 | | | 809 | 0.61 | | | | | | | | | | | | | | | |
| | | | | | | | | | | | BT Slide Sk 413/399/69 | | | | | | | | | | | | | |
| | | | | | | | | | | | Observer Allersand | | | | | | | | | | | | | |
| | | | | | | | | | | | Secchi disk: 7 m | | | | | | | | | | | | | |

11 "Skagerak"

77 Sweden

1969

Station

ESE När

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | | Weather | Cloud amount | State of sea | Ice | | | |
|-------------|-------------|-------|-------|------------|------------------|-------|-----|-------------|--------------|-----------------|------------------------|-------------------|----------|---------|-------------|----------|-------|-------|---------|--------------|--------------|-----|-------|----------|----|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | 51 52 | 53 54 | | | | | 55 56 | 57 58 59 | 60 |
| 0280 | 57 | 10 | 018 | 49 | 0 | 969 | 10 | 16 | 12 | 0047 | 00 | | 25 | 08 | 108 | | | | | | | | | | |
| Obs. time | Obs. depth | Temp. | Sal. | σ_t | Oxygen | | pH | Sol. method | Extra info. | | | | | | | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | | | | 43 44 45 | 58 | 59 60 | 61 62 63 | 64 | 77 | 78 | | | | | | | | | |
| 12 | 0000 | 0961 | 0728 | 0550 | 778 | | | | | | | | | | | | | | | | | | | | |
| | 0010 | 0952 | 0729 | 0552 | 780 | | | | | | | | | | | | | | | | | | | | |
| | 0020 | 0793 | 0742 | 0575 | 748 | | | | | | | | | | | | | | | | | | | | |
| | 0030 | 0479 | 0757 | 0606 | 748 | | | | | | | | | | | | | | | | | | | | |
| | 0040 | 0399 | 0760 | 0611 | 761 | | | | | | | | | | | | | | | | | | | | |
| | 0045 | 0393 | 0761 | 0612 | 765 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | BT Slide Sk 440/399/69 | | | | | | | | | | | | | | |
| | | | | | | | | | | | Observer Claesson | | | | | | | | | | | | | | |
| | | | | | | | | | | | N 57°10.4' | | | | | | | | | | | | | | |
| | | | | | | | | | | | E 18°48.5' | | | | | | | | | | | | | | |

11 "Skagerak"

77 Sweden

1969

Station

ESE När

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | | Long. | | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice |
|-------------|------------|----------|----------|----------|-------------|-------|------------------|-------|----------|-------|--------------|-----------------|-----------------|-------------------|-------|---------|-------------|----------|---------|--------------|--------------|-----|
| | ° | ' | " | ° | ' | " | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | |
| 5 6 7 8 | 9 10 11 12 | 13 14 15 | 16 17 18 | 19 20 21 | 22 23 24 25 | 26 27 | 28 29 30 31 | 46 47 | 48 49 50 | 51 52 | 53 54 | 55 56 57 | 58 59 60 | 61 62 | 63 64 | | | | | | | |
| 0282 | 57 | 02 | 18 | 59 | 0 | 969 | 10 | 16 | 15 | 0125 | 01 | | | 23 | 20 | 120 | 100 | 49 | 3 | 0 | | |

| Obs. time | Obs. depth | Temp. | Sal. | σ_t | Oxygen | | pH | Sal. method | Extra info. |
|-----------|-------------|-------------|----------------|------------|-------------|-------|-------------|-------------|-------------|
| | | | | | ml/l | % | | | |
| 26 27 | 28 29 30 31 | 32 33 34 35 | 36 37 38 39 40 | 41 42 | 43 44 45 58 | 59 60 | 61 62 63 64 | 77 | 78 |

| | | | | | | | | | |
|----|------|------|------|------|-----|--|--|--|----|
| 15 | 0000 | 1006 | 0724 | 0542 | | | | | |
| | 0010 | 1010 | 0724 | 0542 | | | | | 10 |
| | 0020 | 1004 | 0724 | 0542 | | | | | |
| | 0030 | 0993 | 0724 | 0543 | | | | | |
| | 0040 | 0548 | 0747 | 0610 | | | | | |
| | 0050 | 0267 | 0770 | 0621 | | | | | |
| | 0060 | 0279 | 0843 | 0679 | 496 | | | | |
| | 0070 | 0407 | 0966 | 0774 | 151 | | | | |
| | 0080 | 0468 | 1031 | 0824 | 058 | | | | |
| | 0090 | 0522 | 1092 | 0870 | 061 | | | | |
| | 0100 | 0533 | 1129 | 0897 | 037 | | | | |
| | 0120 | 0540 | 1182 | 0938 | 047 | | | | |

BT Slide Sk 442/11601/69
 Observer Claesson
 N 57°01.5'
 E 18°58.5'

11 "Skagerak"

77 Sweden

1969

Station
Rysshålan

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | | | NSEW | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | | Weather | Cloud amount | State of sea | Ice | | | | | | | | | | | | | | | | | | | | | |
|-------------|------|----|-------|----|---|------|------|------|-----|------|--------------|-----------------|-----------------|-------------------|---------|----------|-------------|----|----|----|---------|--------------|--------------|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | o | ' | o | ' | " | Year | | Mo. | Day | Dir. | | | | | Sp. kn. | Dry bulb | Wet bulb | °C | °F | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5 | 6 | 7 | 8 | 9 | 10 | | 11 | 12 | 13 | | | | | 14 | 15 | 16 | 17 | 18 | 19 | | | | | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 |
| 0287 | 56 | 04 | 018 | 40 | 0 | 969 | 10 | 21 | 02 | 0115 | 01 | | | 23 | 06 | 090 | | | | | | 1 | 4 | 1 | 0 | | | | | | | | | | | | | | | | | | | | |

| Obs. time | Obs. depth | Temp. | Sal. | σ_t | Oxygen | | pH | Sal. method | Extra info. | | | | | | | | | | | | | | | | | | | | | |
|-----------|------------|-------|------|------------|--------|----|----|-------------|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | | | | | ml/l | % | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | 26 | 27 | | | | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |
| 02 | 0000 | 1066 | 0707 | 0521 | 783 | | | | 1 | 0 | | | | | | | | | | | | | | | | | | | | |
| | 0010 | 0927 | 0705 | 0534 | 799 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0020 | 0927 | 0705 | 0534 | 793 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0030 | 0942 | 0709 | 0537 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0040 | 1021 | 0720 | 0537 | 776 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0050 | 0947 | 0728 | 0548 | 776 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0060 | 0953 | 0733 | 0554 | 790 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0070 | 0707 | 0768 | 0602 | 701 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0080 | 0481 | 0784 | 0628 | 735 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0090 | 0434 | 0837 | 0670 | 528 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0100 | 0422 | 0957 | 0765 | 188 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0110 | 0457 | 1024 | 0819 | 182 | | | | | | | | | | | | | | | | | | | | | | | | | |

BT Slide Sk 447/11601/69
Observer Claesson

11 "Skagerak"

Station

77 Sweden

1969

E Christiansö

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice | |
|-------------|-------------|-------|----------|-------|------------------|----------|----------|-------|--------------|-----------------|-----------------|-------------------|----------|---------|-------------|----------|---------|--------------|--------------|-----|--|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | | |
| 5 6 7 8 | 9 10 | 11 12 | 13 14 15 | 16 17 | 18 | 19 20 21 | 22 23 | 24 25 | 26 27 | 28 29 30 31 | 46 47 | 48 49 50 | 51 52 | 53 54 | 55 56 57 | 58 59 60 | 61 | 62 | 63 | 64 | |
| 0292 | 55 | 21 | 015 | 43 | 0 | 969 | 10 | 23 | 23 | 0100 | 01 | | 11 | 18 | 100 | 115 | 1 | 43 | 0 | | |
| Obs. time | Obs. depth | Temp. | | Sal. | σ_t | Oxygen | | pH | Sal. method | Extra info. | | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | 43 44 45 | | | | 58 | 59 60 | 61 62 63 | 64 | 77 | 78 | | | | | |
| 23 | 0000 | 1166 | 0748 | 0541 | | | | | | | | | | | | | | 1 | 0 | | |
| | 0010 | 1137 | 0748 | 0544 | | | | | | | | | | | | | | | | | |
| | 0020 | 1134 | 0749 | 0545 | | | | | | | | | | | | | | | | | |
| | 0030 | 1117 | 0749 | 0548 | | | | | | | | | | | | | | | | | |
| | 0040 | 0920 | 0755 | 0574 | | | | | | | | | | | | | | | | | |
| | 0050 | 0790 | 0945 | 0732 | 657 | | | | | | | | | | | | | | | | |
| | 0060 | 1013 | 1280 | 0972 | 458 | | | | | | | | | | | | | | | | |
| | 0070 | 0823 | 1501 | 1165 | 368 | | | | | | | | | | | | | | | | |
| | 0080 | 0524 | 1601 | 1270 | 356 | | | | | | | | | | | | | | | | |
| | 0090 | 0403 | 1662 | 1325 | 223 | | | | | | | | | | | | | | | | |

BT Slide Sk 452/11601/69

Observer Claesson

11 "Skagerak"

Station

77 Sweden

1969

ENE Christiansö

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice | |
|-------------|-------------|-------|----------|-------|------------------|----------|----------|-------|--------------|-----------------|-----------------|-------------------|----------|---------|-------------|----------|---------|--------------|--------------|-----|--|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | | |
| 5 6 7 8 | 9 10 | 11 12 | 13 14 15 | 16 17 | 18 | 19 20 21 | 22 23 | 24 25 | 26 27 | 28 29 30 31 | 46 47 | 48 49 50 | 51 52 | 53 54 | 55 56 57 | 58 59 60 | 61 | 62 | 63 | 64 | |
| 0293 | 55 | 27 | 015 | 40 | 0 | 969 | 10 | 24 | 02 | 0082 | 01 | | 11 | 18 | 100 | 110 | 16 | 3 | 0 | | |
| Obs. time | Obs. depth | Temp. | | Sal. | σ_t | Oxygen | | pH | Sal. method | Extra info. | | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | 43 44 45 | | | | 58 | 59 60 | 61 62 63 | 64 | 77 | 78 | | | | | |
| 02 | 0000 | 1092 | 0741 | 0545 | | | | | | | | | | | | | | | | | |
| | 0010 | 1089 | 0741 | 0545 | | | | | | | | | | | | | | | | | |
| | 0020 | 1088 | 0741 | 0545 | | | | | | | | | | | | | | | | | |
| | 0030 | 1093 | 0742 | 0546 | | | | | | | | | | | | | | | | | |
| | 0040 | 0981 | 0757 | 0577 | | | | | | | | | | | | | | | | | |
| | 0050 | 0627 | 0927 | 0731 | 600 | | | | | | | | | | | | | | | | |
| | 0060 | 1179 | 1421 | 1060 | | | | | | | | | | | | | | | | | |
| | 0070 | 0899 | 1538 | 1176 | 311 | | | | | | | | | | | | | | | | |
| | 0075 | 0659 | 1573 | 1237 | 320 | | | | | | | | | | | | | | | | |

BT Slide Sk 453/11601/69

Observer Claesson

11 "Skagerak"

Station

77 Sweden

1969

Fladen

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | | Long. | | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|-------------|-------|-------|------------|----------|-------|------------------|------------------------------|------------------------------|---|----------------|-----------------|-----------------|-------------------|------|----|-------------|----|---------|--------------|--------------|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | 5 | 6 | 7 | 8 | 9 | 10 | | 11 | 12 | 13 | | | | | 14 | 15 | 16 | 17 | | | | | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 |
| 0296 | 57 | 12 | 011 | 40 | 0 | 969 | 11 | 11 | 20 | 0075 | 01 | 075 | 16 | 14 | 050 | | | | | 6 | 83 | 0 | | | | | | | | | | | | | | | | | | | | | | | |
| Obs. time | Obs. depth | Temp. | Sol. | σ_t | Oxygen | | pH | PO ₄ -P μgat/l | TotP μgat/l | NO ₃ -N μgat/l | Sal. method | Extra info. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | ml/l | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | 43 44 45 | 58 | 59 60 | 61 62 63 | 64 | | | | | | | | | | | 77 | 78 | | | | | | | | | | | | | | | | | | | | | | |
| 20 | 0000 | 0913 | 31287 | 2423 | 639 | | | 819 | 0.32 | 0.55 | 1.22 | 3 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0005 | 0909 | 31258 | 2421 | 643 | | | 818 | 0.31 | 0.55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0010 | 0925 | 32876 | 2545 | 635 | | | 819 | 0.31 | 0.50 | 1.41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0015 | 0926 | 33020 | 2556 | 636 | | | 819 | 0.30 | 0.52 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0020 | 0930 | 33105 | 2562 | 635 | | | 820 | 0.31 | 0.50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0030 | 0939 | 33192 | 2567 | 628 | | | 820 | 0.29 | 0.50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0040 | 0939 | 33215 | 2569 | 629 | | | 820 | 0.42 | 0.50 | 1.38 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0050 | 0940 | 33222 | 2569 | 636 | | | 820 | 0.29 | 0.54 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0060 | 0941 | 33235 | 2570 | 625 | | | 821 | 0.33 | 0.55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0070 | 0936 | 33263 | 2573 | 621 | | | 821 | 0.29 | 0.54 | 1.41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0000 | | | | | | | | NO ₂ -N μgat/l | NH ₄ ⁺ -N μgat/l | TotN μgat/l | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0010 | | | | | | | | 0.55 | 4.17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0040 | | | | | | | | 0.47 | 4.40 | 25.16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0040 | | | | | | | | 0.42 | 4.40 | 20.56 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0070 | | | | | | | | 0.42 | 5.25 | 15.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BT Slide Sk 459/11601/69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Observer Engström | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N 57°11.5' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E 11°40' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

11 "Skagerak"

Station

77 Sweden

1969

BY 2 Arkona

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | | Long. | | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | | Weather | Cloud amount | State of sea | Ice | | |
|-------------|-------------|-------|-------|-------|------------|-------|------------------|------------------|-------|---------------------------------|---------------------------------|---------------------------------|-----------------|------------------------|------|---------|-------------|----------|----|----|---------|--------------|--------------|-----|----|----|
| | o | ' | '' | o | ' | '' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | 58 | 59 | | | | | 60 | 61 |
| 0299 | 55 | 00 | | 014 | 05 | | 0 | 969 | 11 | 12 | 17 | 0047 | 00 | 027 | 24 | 28 | 110 | | | | | | 1 | 2 | 4 | 0 |
| Obs. time | Obs. depth | Temp. | | Sal. | σ_t | | Oxygen | | pH | PO ₄ -P | TotP | Alkal | Sal. method | Extra info. | | | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | 43 44 45 | 56 | 59 60 | 61 62 63 | 64 | 77 | | | 78 | | | | | | | | | | | |
| 17 | 0000 | 0944 | 0920 | 0700 | 738 | | | | | 819 | 0.21 | 0.43 | 1.651 | 13 | | | | | | | | | | | | |
| | 0005 | 0943 | 0920 | 0700 | 729 | | | | | 819 | 0.20 | 0.42 | 1.620 | | | | | | | | | | | | | |
| | 0010 | 0951 | 0932 | 0708 | 743 | | | | | 820 | 0.22 | 0.38 | 1.620 | | | | | | | | | | | | | |
| | 0015 | 0962 | 0994 | 0755 | 725 | | | | | 818 | 0.27 | 0.41 | 1.651 | | | | | | | | | | | | | |
| | 0020 | 0942 | 1002 | 0764 | 731 | | | | | 818 | 0.24 | 0.39 | 1.651 | | | | | | | | | | | | | |
| | 0030 | 1144 | 1351 | 1011 | 614 | | | | | 805 | 0.50 | 0.56 | 1.757 | | | | | | | | | | | | | |
| | 0040 | 1166 | 1671 | 1254 | 573 | | | | | 802 | 0.67 | 0.80 | 1.870 | | | | | | | | | | | | | |
| | 0045 | 1054 | 2097 | 1598 | 569 | | | | | 807 | 0.92 | 1.02 | 2.004 | | | | | | | | | | | | | |
| | | | | | | | | SiO ₂ | | NO ₃ ⁻ -N | NO ₂ ⁻ -N | NH ₄ ⁺ -N | TotN | | | | | | | | | | | | | |
| | | | | | | | | µgat/l | | µgat/l | µgat/l | µgat/l | µgat/l | | | | | | | | | | | | | |
| | 0000 | | | | | | | 12.0 | | 1.08 | 0.38 | 0.57 | 22.34 | | | | | | | | | | | | | |
| | 0005 | | | | | | | 12.0 | | 0.64 | | 0.63 | | | | | | | | | | | | | | |
| | 0010 | | | | | | | 12.0 | | 0.96 | 0.39 | 0.66 | 12.18 | | | | | | | | | | | | | |
| | 0015 | | | | | | | 13.5 | | 0.96 | | 0.57 | | | | | | | | | | | | | | |
| | 0020 | | | | | | | 13.3 | | 0.85 | | 0.64 | | | | | | | | | | | | | | |
| | 0030 | | | | | | | 18.0 | | 1.30 | 0.25 | 0.88 | 18.12 | | | | | | | | | | | | | |
| | 0040 | | | | | | | 22.5 | | 2.35 | | 0.77 | | | | | | | | | | | | | | |
| | 0045 | | | | | | | 18.5 | | 1.67 | 0.31 | 1.78 | 20.16 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | BT Slide Sk 462/399/69 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | Observer Carlberg | | | | | | | | | | | | |

11 "Skagerak"

77 Sweden

1969

Station

BY 4 Christiansö

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | | Weather | Cloud amount | State of sea | Ice | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|------------|-------|-------|------------|--------|------|------------------|-----------------------------------|-------------|-------------|--------------|-----------------|-----------------|-------------------|---------|----------|-------------|----|----|----|---------|--------------|--------------|-----|----|----|----|----|----|--------------------------|----|-------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|---|--|
| | o | ' | o | ' | '' | Year | | Mo. | Day | Dir. | | | | | Sp. kn. | Dry bulb | Wet bulb | 55 | 56 | 57 | | | | | 58 | 59 | 60 | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | | | | |
| 0301 | 55 | 23 | 015 | 20 | 0 | 969 | 11 | 12 | 23 | 00 | 90 | 01 | 055 | 20 | 42 | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 8 | 4 | 0 | | | |
| Obs. time | Obs. depth | Temp. | Sal. | σ_t | Oxygen | | pH | PO ₄ -P μ gat/l | Sol. method | Extra info. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | ml/l | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 77 | 78 | | | | | | | | | | | | | | | | | | | | | |
| 23 | 0000 | 0888 | 0796 | 0608 | 750 | | 811 | 0.18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3 | | | | |
| | 0005 | 0891 | 0795 | 0607 | 749 | | 812 | 0.15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0010 | 0883 | 0794 | 0607 | 743 | | 811 | 0.14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0015 | 0885 | 0794 | 0607 | 747 | | 811 | 0.14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0020 | 0879 | 0796 | 0608 | 751 | | 810 | 0.15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0030 | 0869 | 0804 | 0616 | 752 | | 809 | 0.18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0040 | 0863 | 0804 | 0616 | 748 | | 808 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | | |
| | 0050 | 0894 | 0884 | 0676 | 678 | | 797 | 0.25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| | 0060 | 1154 | 1466 | 1098 | 376 | | 768 | 0.80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0070 | 1242 | 1553 | 1152 | 320 | | 776 | 0.83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0080 | 1056 | 1640 | 1246 | 293 | | 759 | 1.17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | BT Slide Sk 464/11601/69 | | Observer Engström | | | | | | | | | | | | | | | | | |

11 "Skagerak"

77 Sweden

1969

Station

BY 7 Stolpe ränna

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|------------|-------|-------|------------|------------------|------------------|--------------------|------------------------------|--------------------|------------------|-----------------|-------------------|--------------------------|---------|-------------|----------|---------|--------------|--------------|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 |
| 0303 | 55 | 13 | 017 | 04 | 0 | 969 | 11 | 14 | 16 | 0086 | 01 | 056 | 14 | 06 | 080 | | | 1 | 6 | 2 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| Obs. time | Obs. depth | Temp. | Sal. | σ_t | Oxygen | | pH | PO ₄ -P µgat/l | TotP µgat/l | Alkal. Mval/l | Sal. method | Extra info. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | 27 | 28 | 29 | 30 | 31 | 32 | | | | | | | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 77 | 78 | | | | | | | | | | | |
| 16 | 0000 | 0806 | 0753 | 0583 | 764 | | | 814 | 0.17 | 0.34 | 1.544 | 1 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0005 | 0807 | 0753 | 0583 | 765 | | | 813 | 0.14 | 0.27 | 1.546 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0010 | 0805 | 0753 | 0583 | 767 | | | 812 | 0.19 | 0.32 | 1.563 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0015 | 0809 | 0757 | 0586 | 763 | | | 813 | 0.19 | 0.28 | 1.552 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0020 | 0822 | 0761 | 0588 | 760 | | | 814 | 0.18 | 0.32 | 1.552 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0030 | 0847 | 0765 | 0589 | 745 | | | 813 | 0.18 | 0.33 | 1.546 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0040 | 0843 | 0766 | 0590 | 748 | | | 814 | 0.20 | 0.30 | 1.549 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0050 | 0839 | 0767 | 0591 | 752 | | | 814 | 0.19 | 0.30 | 1.555 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0060 | 0698 | 1047 | 0823 | 428 | | | 764 | 0.67 | 0.73 | 1.675 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0070 | 0644 | 1232 | 0971 | 260 | | | 751 | 1.07 | 1.11 | 1.644 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0080 | 0703 | 1314 | 1031 | 302 | | | 756 | 0.87 | 0.96 | 1.699 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0000 | | | | | SiO ₂ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0005 | | | | | µgat/l | NO ₃ -N | NO ₃ -N | NH ₄ -N | TotN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0010 | | | | | µgat/l | µgat/l | µgat/l | µgat/l | µgat/l | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0015 | | | | | 12.0 | 0.53 | 0.23 | 0.84 | 18.22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0020 | | | | | 11.5 | 0.50 | | 1.29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0030 | | | | | 12.0 | 0.44 | 0.23 | 1.34 | 14.06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0040 | | | | | 12.0 | 0.44 | | 0.99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0050 | | | | | 12.0 | 0.46 | | 1.26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0060 | | | | | 12.0 | 0.46 | | 1.26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0070 | | | | | 11.5 | 0.52 | 0.26 | 0.83 | 15.16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0080 | | | | | 11.5 | 0.51 | | 0.93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | 12.0 | 0.45 | 0.26 | 0.93 | 12.81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | 29.5 | 1.45 | | 0.76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | 41.5 | 1.84 | | 0.30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | 33.0 | 2.21 | 0.03 | 1.09 | 15.62 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | BT Slide Sk 466/11601/69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | Observer Carlberg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

11 "Skagerak"

77 Sweden

1969

Station

BY 9 Klaipeda

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice |
|-------------|------|----|-------|----|------------------|------|-----|-----|--------------|-----------------|-----------------|-------------------|------|---------|-------------|----------|---------|--------------|--------------|-----|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | |
| 0305 | 56 | 05 | 019 | 10 | 0 | 969 | 11 | 15 | 03 | 0135 | 01 | 061 | 14 | 02 | 075 | | | 4 | 82 | 0 |

| Obs. time | Obs. depth | Temp. | Sal. | σ_t | Oxygen | | pH | PO ₄ -P µgat/l | TotP µgat/l | Alkal. Mval/l | Sal. method | Extra info. |
|-----------|------------|-------|------|------------|--------|---|-----|------------------------------|----------------|------------------|-------------|-------------|
| | | | | | ml/l | % | | | | | | |
| 03 | 0000 | 0703 | 0746 | 0586 | 690 | | 810 | 0.13 | 0.30 | 1.518 | 1 | 3 |
| | 0005 | 0700 | 0746 | 0586 | 776 | | 812 | 0.10 | 0.30 | 1.529 | | |
| | 0010 | 0697 | 0747 | 0586 | 777 | | 814 | 0.14 | 0.27 | 1.536 | | |
| | 0015 | 0699 | 0747 | 0586 | 772 | | 812 | 0.14 | 0.25 | 1.549 | | |
| | 0020 | 0703 | 0747 | 0586 | 777 | | 811 | 0.14 | 0.23 | 1.562 | | |
| | 0030 | 0700 | 0747 | 0586 | 776 | | 811 | 0.13 | 0.27 | 1.562 | | |
| | 0040 | 0699 | 0747 | 0586 | 778 | | 810 | 0.11 | 0.21 | 1.562 | | |
| | 0050 | 0701 | 0747 | 0586 | 773 | | 809 | 0.12 | 0.26 | 1.557 | | |
| | 0060 | 0706 | 0747 | 0586 | 770 | | 807 | 0.13 | 0.21 | 1.562 | | |
| | 0070 | 0402 | 0959 | 0768 | 267 | | 737 | 0.97 | 1.08 | 1.582 | | |
| | 0080 | 0502 | 1088 | 0868 | 119 | | 734 | 1.57 | 1.68 | 1.712 | | |
| | 0090 | 0510 | 1136 | 0904 | 216 | | 736 | 1.23 | 1.34 | 1.684 | | |
| | 0100 | 0514 | 1151 | 0916 | 223 | | 737 | 1.22 | 1.40 | 1.707 | | |
| | 0125 | 0570 | 1247 | 0988 | 142 | | 737 | 1.60 | 1.90 | 1.760 | | |

| | SiO ₂ µgat/l | NO ₃ ⁻ -N µgat/l | NO ₂ ⁻ -N µgat/l | NH ₄ ⁺ -N µgat/l | TotN µgat/l |
|------|----------------------------|---|---|---|----------------|
| 0000 | 12.0 | 0.17 | 0.14 | 1.40 | 14.99 |
| 0005 | 12.0 | 0.40 | | | |
| 0010 | 12.0 | 0.27 | 0.13 | 1.66 | 9.86 |
| 0015 | 12.0 | 0.46 | | | |
| 0020 | 12.0 | 0.41 | | 1.45 | |
| 0030 | 12.0 | 0.48 | 0.12 | 1.71 | 9.28 |
| 0040 | 12.0 | 0.35 | | | |
| 0050 | 12.0 | 0.37 | 0.13 | 0.59 | 6.96 |
| 0060 | 12.0 | 0.43 | | 1.65 | |
| 0070 | 40.0 | 1.63 | 0.02 | 0.89 | 7.93 |
| 0080 | 54.0 | 2.61 | | 0.67 | |
| 0090 | 46.5 | 3.43 | | 0.90 | |
| 0100 | 45.5 | 2.92 | 0.02 | 0.60 | 18.47 |
| 0125 | 57.0 | 2.61 | 0.02 | 0.83 | 14.94 |

BT Slide Sk 468/11601/69
Observer Engström

11 "Skagerak"

77 Sweden

1969

Station

BY 11B

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | | Long. | | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | | Weather | Cloud amount | State of sea | Ice | | | | | | | | | | | | | | | | | | | | | |
|-------------|------------|-------|------|------------|--------|-----|------------------|--------------------|--------------------|--------------------|--------------|-----------------|-----------------|-------------------|------|----|-------------|----|----|----|---------|--------------|--------------|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | 5 | 6 | 7 | 8 | 9 | 10 | | 11 | 12 | 13 | | | | | 14 | 15 | 16 | 17 | 18 | 19 | | | | | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 |
| 0307 | 57 | 04 | 019 | 50 | 0 | 969 | 11 | 15 | 10 | 0225 | 02 | 060 | 20 | 04 | 070 | | | 48 | 2 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Obs. time | Obs. depth | Temp. | Sal. | σ_t | Oxygen | | pH | PO ₄ -P | NO ₃ -N | NO ₂ -N | Sal. method | Extra info. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | 27 | 28 | 29 | 30 | 31 | 32 | | 33 | 34 | 35 | | | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 77 | 78 | | | | | | | | | | | | | | |
| 11 | 0000 | 0653 | 0736 | 0578 | 789 | | | 811 | 0.14 | 0.38 | 0.11 | 1 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0005 | 0651 | 0735 | 0578 | 791 | | | 812 | 0.12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0010 | 0649 | 0735 | 0578 | 790 | | | 812 | 0.13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0015 | 0653 | 0739 | 0581 | 780 | | | 810 | 0.14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0020 | 0660 | 0741 | 0583 | 776 | | | 810 | 0.12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0030 | 0657 | 0742 | 0584 | 777 | | | 809 | 0.13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0040 | 0662 | 0744 | 0585 | 768 | | | 809 | 0.11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0050 | 0664 | 0745 | 0586 | 774 | | | 809 | 0.14 | 0.54 | 0.14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0060 | 0646 | 0752 | 0592 | 754 | | | 805 | 0.27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0070 | 0406 | 0928 | 0742 | 271 | | | 737 | 1.15 | 1.81 | 0.03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0080 | 0430 | 0992 | 0793 | 145 | | | 728 | 1.57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0090 | 0497 | 1076 | 0857 | 067 | | | 724 | 1.90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0100 | 0511 | 1118 | 0889 | 079 | | | 726 | 1.98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 0125 | 0508 | 1180 | 0937 | 101 | | | 728 | 2.23 | 2.09 | 0.03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0150 | 0514 | 1216 | 0966 | 105 | | | 728 | 2.47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0175 | 0532 | 1246 | 0988 | 015 | | | 727 | 3.96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0200 | 0534 | 1255 | 0995 | 012 | | | 727 | 4.62 | 0.54 | 0.07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | NH ₄ -N | Tot.N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | µgat/l | µgat/l | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | 0000 | | | | | | | | 0.92 | 24.58 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0050 | | | | | | | | 0.78 | 11.46 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0070 | | | | | | | | 0.49 | 12.18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 0125 | | | | | | | | 0.37 | 13.92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0200 | | | | | | | | 5.34 | 17.74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

BT Slide Sk 470/11601/69
Observer Engström

11 "Skagerak"

Station

77 Sweden

1969

BY 13 6/9

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | ice | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|------------|-------|-------|------------|------------------|------|-----|------------------------------|--------------|-----------------|--------------------------|-------------------|------|---------|-------------|----------|---------|--------------|--------------|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 |
| 0309 | 57 | 24 | 019 | 26 | 0 | 969 | 11 | 15 | 15 | 0130 | 01 | 060 | 23 | 02 | 058 | | | 0 | 01 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Obs. time | Obs. depth | Temp. | Sal. | σ_t | Oxygen | | pH | PO ₄ -P µgat/l | Sal. method | Extra info. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | 27 | 28 | 29 | 30 | 31 | 32 | | | | | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 77 | 78 | | | | | | | | | | | | | |
| 15 | 0000 | 0637 | 0734 | 0578 | 786 | | | 806 | 0.21 | 1 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0005 | 0633 | 0735 | 0579 | 787 | | | 809 | 0.18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0010 | 0636 | 0736 | 0580 | 781 | | | 809 | 0.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0015 | 0639 | 0738 | 0582 | 781 | | | 808 | 0.18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0020 | 0644 | 0739 | 0582 | 783 | | | 809 | 0.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0030 | 0640 | 0739 | 0582 | 775 | | | 808 | 0.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0040 | 0636 | 0739 | 0582 | 797 | | | 808 | 0.21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0050 | 0633 | 0742 | 0585 | 772 | | | 806 | 0.23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0060 | 0583 | 0769 | 0609 | 688 | | | 789 | 0.37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0070 | 0437 | 0922 | 0736 | 270 | | | 741 | 1.36 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0080 | 0448 | 1009 | 0805 | 088 | | | 727 | 1.83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0090 | 0492 | 1075 | 0856 | 091 | | | 727 | 1.80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0100 | 0502 | 1104 | 0878 | 071 | | | 728 | 2.14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0120 | 0509 | 1151 | 0915 | 107 | | | 731 | 2.02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | BT Slide Sk 472/11601/69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | Observer Engström | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | N 57° 23.5' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | E 19° 26' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

11 "Skagerak"

77 Sweden

1969

Station

BY 15 Gotland Deep

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|------------|-------|-------|------|------------------|--------|-----|-----|-----------------------------------|--------------------------|------------------|-------------------|-------------|---------|-------------|----------|---------|--------------|--------------|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 |
| 0311 | 57 | 20 | 020 | 03 | 0 | 969 | 11 | 15 | 19 | 0249 | 02 | 063 | 00 | 00 | 050 | | | 48 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Obs. time | Obs. depth | Temp. | | Sal. | σ_t | Oxygen | | pH | PO ₄ -P μ gat/l | TotP μ gat/l | Alkal. Mval/l | Sal. method | Extra info. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | | | | | | | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | | | | | | | | | | | | | |
| 20 | 0000 | 0644 | 0739 | 0583 | 796 | | | | 809 | 0.15 | 0.27 | 1.528 | 1 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0005 | 0653 | 0738 | 0582 | 792 | | | | 810 | 0.15 | 0.32 | 1.536 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0010 | 0656 | 0738 | 0582 | 795 | | | | 812 | 0.13 | 0.26 | 1.562 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0015 | 0655 | 0738 | 0582 | 788 | | | | 811 | 0.17 | 0.32 | 1.510 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0020 | 0656 | 0738 | 0582 | 788 | | | | 812 | 0.15 | 0.26 | 1.510 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0030 | 0652 | 0739 | 0583 | 789 | | | | 811 | 0.18 | 0.28 | 1.607 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0040 | 0659 | 0739 | 0583 | 788 | | | | 811 | 0.17 | 0.29 | 1.652 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0050 | 0661 | 0740 | 0583 | 782 | | | | 811 | 0.22 | 0.32 | 1.647 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0060 | 0672 | 0743 | 0585 | 768 | | | | 810 | 0.23 | 0.33 | 1.647 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0070 | 0342 | 0901 | 0723 | 310 | | | | 740 | | 1.15 | 1.654 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0080 | 0447 | 1012 | 0808 | 056 | | | | 722 | 1.79 | 1.90 | 1.662 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0090 | 0499 | 1074 | 0857 | 059 | | | | 725 | 1.92 | 1.95 | 1.694 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 0100 | 0510 | 1113 | 0886 | 137 | | | | 730 | 1.73 | 1.73 | 1.684 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0125 | 0488 | 1188 | 0946 | 152 | | | | 731 | 1.97 | 1.99 | 1.689 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0150 | 0529 | 1232 | 0979 | 033 | | | | 725 | 3.35 | 3.34 | 1.756 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0175 | 0529 | 1251 | 0993 | 020 | | | | 728 | 4.33 | 4.27 | 1.778 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0200 | 0538 | 1261 | 1001 | 048 | | | | 730 | 3.80 | 3.79 | 1.800 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0225 | 0556 | 1283 | 1017 | 153 | | | | 736 | 2.49 | 2.54 | 1.752 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0240 | 0571 | 1293 | 1024 | 181 | | | | 739 | 1.85 | 2.00 | 1.770 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | BT Slide Sk 474/11601/69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | Observer Engström | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

11 "Skagerak"

77 Sweden

1969

Station

BY 16 B

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | | Long. | | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | | Weather | Cloud amount | State of sea | Ice | |
|-------------|-------------|-------|-------|-------|------------|-------|------------------|------|-----|------------------------------|--------------------------|-----------------|-----------------|-------------------|------|---------|-------------|----------|----|----|---------|--------------|--------------|-----|----|
| | ° | ' | '' | ° | ' | '' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | 58 | 59 | | | | | 60 |
| 0312 | 57 | 16 | 020 | 21 | 0 | | | 969 | 11 | 15 | 23 | 0190 | 02 | 072 | 1608 | 050 | | | | | | | 28 | 1 | 0 |
| Obs. time | Obs. depth | Temp. | | Sal. | σ_t | | Oxygen | | pH | PO ₄ -P µgat/l | Sal. method | Extra info. | | | | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | 43 44 45 | 53 | | | | | 59 60 | 61 62 63 | 64 | 77 | 78 | | | | | | | | |
| 23 | 0000 | 0724 | 0749 | 0586 | 776 | | | | 808 | 0.13 | | 13 | | | | | | | | | | | | | |
| | 0005 | 0722 | 0749 | 0586 | 772 | | | | 811 | 0.12 | | | | | | | | | | | | | | | |
| | 0010 | 0728 | 0749 | 0586 | | | | | 811 | 0.13 | | | | | | | | | | | | | | | |
| | 0015 | 0723 | 0750 | 0587 | 772 | | | | 811 | 0.13 | | | | | | | | | | | | | | | |
| | 0020 | 0735 | 0750 | 0587 | 773 | | | | 811 | 0.13 | | | | | | | | | | | | | | | |
| | 0030 | 0724 | 0749 | 0586 | 780 | | | | 810 | 0.13 | | | | | | | | | | | | | | | |
| | 0040 | 0727 | 0749 | 0586 | 777 | | | | 811 | 0.15 | | | | | | | | | | | | | | | |
| | 0050 | 0723 | 0749 | 0586 | 783 | | | | 810 | 0.12 | | | | | | | | | | | | | | | |
| | 0060 | 0724 | 0749 | 0586 | 772 | | | | 809 | 0.12 | | | | | | | | | | | | | | | |
| | 0070 | 0720 | 0750 | 0587 | 773 | | | | 808 | 0.17 | | | | | | | | | | | | | | | |
| | 0080 | 0431 | 0978 | 0782 | 174 | | | | 731 | 1.52 | | | | | | | | | | | | | | | |
| | 0090 | 0485 | 1075 | 0858 | 126 | | | | 727 | 1.76 | | | | | | | | | | | | | | | |
| | 0100 | 0541 | 1113 | 0884 | 091 | | | | 725 | 1.97 | | | | | | | | | | | | | | | |
| | 0125 | 0497 | 1188 | 0945 | 135 | | | | 728 | 2.15 | | | | | | | | | | | | | | | |
| | 0150 | 0527 | 1231 | 0978 | 029 | | | | 725 | 3.14 | | | | | | | | | | | | | | | |
| | 0175 | 0543 | 1252 | 0993 | 054 | | | | 728 | 3.52 | | | | | | | | | | | | | | | |
| | 0185 | 0545 | 1253 | 0994 | 056 | | | | 729 | 3.04 | | | | | | | | | | | | | | | |
| | | | | | | | | | | | BT Slide Sk 475/11601/69 | | | | | | | | | | | | | | |
| | | | | | | | | | | | Observer Carlberg | | | | | | | | | | | | | | |
| | | | | | | | | | | | N 57° 17'5 | | | | | | | | | | | | | | |
| | | | | | | | | | | | E 20° 21' | | | | | | | | | | | | | | |

11 "Skagerak"

77 Sweden

1969

Station

BY 18 B

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice |
|-------------|-------------|-------------|----------------|----------------|------------------|-------------|-------|--------------------|--------------|-----------------|------------------------|-------------------|-------|---------|-------------|----------|---------|--------------|--------------|-----|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | |
| 5 6 7 8 | 9 10 | 11 12 | 13 14 15 | 16 17 | 18 | 19 20 21 | 22 23 | 24 25 | 26 27 | 28 29 30 31 | 46 47 | 48 49 50 | 51 52 | 53 54 | 55 56 57 | 58 59 60 | 61 | 62 | 63 | 64 |
| 0314 | 57 | 13 | 020 | 56 | 0 | 969 | 11 | 16 | 02 | 0045 | 00 | 045 ^x | 14 | 12 | 050 | | | 28 | 1 | 0 |
| Obs. time | Obs. depth | Temp. | Sal. | σ_t | Oxygen | | pH | PO ₄ -P | | Sal. method | Extra info. | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 34 35 | 36 37 38 39 40 | 41 42 43 44 45 | 58 59 60 | 61 62 63 64 | | ml/l | % | | | μ gat/l | 77 | 78 | | | | | | |
| 02 | 0000 | 0814 | 0751 | 0581 | 776 | | 813 | 0.19 | | 1 | 3 | | | | | | | | | |
| | 0005 | 0820 | 0749 | 0579 | 756 | | 815 | 0.17 | | | | | | | | | | | | |
| | 0010 | 0818 | 0749 | 0579 | 769 | | 814 | 0.18 | | | | | | | | | | | | |
| | 0015 | 0815 | 0750 | 0581 | 768 | | 814 | 0.13 | | | | | | | | | | | | |
| | 0020 | 0813 | 0750 | 0581 | 766 | | 815 | 0.17 | | | | | | | | | | | | |
| | 0030 | 0812 | 0750 | 0581 | 770 | | 814 | 0.17 | | | | | | | | | | | | |
| | 0040 | 0788 | 0750 | 0583 | 775 | | 812 | 0.16 | | | | | | | | | | | | |
| | | | | | | | | | | | BT Slide Sk 477/399/69 | | | | | | | | | |
| | | | | | | | | | | | Observer Carlberg | | | | | | | | | |
| | | | | | | | | | | | N 57° 13.2' | | | | | | | | | |
| | | | | | | | | | | | E 20° 56' | | | | | | | | | |

11 "Skagerak"

Station

77 Sweden

1969

BY 20 Fårö Deep

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|------------|-------|-------|------|------------------|--------|----|-----|--------------------|-----------------|-----------------|-------------------|-------------|--------------------------|--------------------|--------------------|--------------------|--------------|--------------|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | 5 | 6 | 7 | 8 | | 9 | 10 | 11 | | | | | 12 | 13 | 14 | 15 | | | | | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 |
| 0316 | 58 | 00 | 019 | 54 | 0 | 969 | 11 | 16 | 08 | 0203 | 02 | 060 | 23 | 12 | 060 | | | 68 | 20 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Obs. time | Obs. depth | Temp. | | Sal. | σ_t | Oxygen | | pH | PO ₄ -P | TotP | Alkal. | Sol. method | Extra info. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 77 | 78 | | | | | | | | | | | | | | | | | |
| 09 | 0000 | 06 | 24 | 07 | 24 | 05 | 73 | 784 | 800 | 0.30 | 0.49 | 1.496 | 1 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0005 | 06 | 24 | 07 | 24 | 05 | 73 | 788 | 801 | 0.29 | 0.43 | 1.478 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0010 | 06 | 27 | 07 | 23 | 05 | 72 | 783 | 802 | 0.28 | 0.45 | 1.499 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0015 | 06 | 23 | 07 | 23 | 05 | 72 | 778 | 800 | 0.29 | 0.45 | 1.499 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0020 | 06 | 23 | 07 | 24 | 05 | 73 | 779 | 801 | 0.28 | 0.47 | 1.496 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0030 | 06 | 22 | 07 | 26 | 05 | 75 | 779 | 800 | 0.29 | 0.45 | 1.496 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0040 | 06 | 19 | 07 | 28 | 05 | 76 | 779 | 802 | 0.28 | 0.43 | 1.499 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0050 | 06 | 24 | 07 | 31 | 05 | 79 | 777 | 801 | 0.29 | 0.40 | 1.503 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0060 | 06 | 14 | 07 | 33 | 05 | 81 | 766 | 801 | 0.34 | 0.43 | 1.518 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0070 | 05 | 03 | 09 | 26 | 07 | 38 | 288 | 738 | 1.38 | 1.45 | 1.641 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0080 | 04 | 60 | 10 | 06 | 08 | 03 | 107 | 724 | 1.90 | 2.06 | 1.649 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0090 | 04 | 74 | 10 | 54 | 08 | 42 | 047 | 722 | 2.24 | 2.32 | 1.655 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 08 | 0100 | 04 | 94 | 10 | 71 | 08 | 54 | 052 | 724 | 2.17 | 2.27 | 1.679 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0125 | 05 | 19 | 11 | 50 | 09 | 14 | 048 | 723 | 2.53 | 2.57 | 1.710 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0150 | 05 | 34 | 11 | 96 | 09 | 50 | 046 | 722 | 3.22 | 3.28 | 1.726 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0175 | 05 | 17 | 12 | 06 | 09 | 58 | 055 | 724 | 2.78 | 2.88 | 1.733 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0200 | 05 | 11 | 12 | 15 | 09 | 66 | 030 | 723 | 3.12 | 3.37 | 1.736 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | BT Slide Sk 479/11601/69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | Observer Carlberg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | SiO ₂ | NO ₃ -N | NO ₂ -N | NH ₄ -N | TotN | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | µgat/l | µgat/l | µgat/l | µgat/l | µgat/l | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 09 | 0000 | | | | | | | | 16.0 | 0.67 | 0.25 | 0.36 | 2.27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0005 | | | | | | | | 16.0 | 0.70 | | 0.13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0010 | | | | | | | | 16.0 | 0.66 | 0.31 | 0.13 | 6.38 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0015 | | | | | | | | 16.5 | 0.56 | | 0.05 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0020 | | | | | | | | 15.5 | 0.59 | | 0.07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0030 | | | | | | | | 16.0 | 0.66 | 0.27 | 0.21 | 7.35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0040 | | | | | | | | 15.0 | 0.45 | | 0.10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0050 | | | | | | | | 14.5 | 0.38 | 0.19 | 0.15 | 7.93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0060 | | | | | | | | 15.5 | 0.53 | | 0.32 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0070 | | | | | | | | 41.5 | 1.13 | 0.07 | 0 | 11.94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0080 | | | | | | | | 54.0 | 1.58 | | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0090 | | | | | | | | 61.0 | 1.50 | | 0.05 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 08 | 0100 | | | | | | | | 58.5 | 2.39 | 0 | 0 | 15.18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0125 | | | | | | | | 64.5 | 2.80 | | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0150 | | | | | | | | 72.0 | 1.43 | 0.16 | 0 | 11.55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0175 | | | | | | | | 69.0 | 2.47 | | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0200 | | | | | | | | 72.0 | 2.30 | 0.10 | 0 | 15.33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

11 "Skagerak"

77 Sweden

1969

Station

BY 22

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice |
|-------------|-------------|-------|----------|------------|------------------|----------|-------------------|--------------------|--------------------|--------------------|-------------------|-------------------|--------------------------|---------|-------------|----------|---------|--------------|--------------|-----|
| | o | ' | o | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | |
| 5 6 7 8 | 9 10 | 11 12 | 13 14 15 | 16 17 | 18 | 19 20 21 | 22 23 | 24 25 | 26 27 | 28 29 30 31 | 46 47 | 48 49 50 | 51 52 | 53 54 | 55 56 57 | 58 59 60 | 61 | 62 | 63 | 64 |
| 0318 | 59 | 55 | 025 | 36 | 0 | 969 | 11 | 17 | 08 | 0073 | 01 | 060 | 20 | 14 | 050 | | | 1 | 5 | 0 |
| Obs. time | Obs. depth | Temp. | Sal. | σ_t | Oxygen | | pH | PO ₄ | -P | TotP | Alkal | Sal. method | Extra info. | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | | 43 44 45 | 58 | 59 60 | 61 62 63 64 | | | 77 | 78 | | | | | |
| 08 | 0000 | 0556 | 0604 | 0481 | 841 | | 801 | 0.39 | 0.70 | 1.352 | | 1 | 3 | | | | | | | |
| | 0005 | 0558 | 0604 | 0481 | 807 | | 800 | 0.41 | 0.65 | 1.364 | | | | | | | | | | |
| | 0010 | 0561 | 0604 | 0481 | 806 | | 798 | 0.47 | 0.63 | 1.346 | | | | | | | | | | |
| | 0015 | 0568 | 0604 | 0481 | 811 | | 799 | 0.41 | 0.71 | 1.367 | | | | | | | | | | |
| | 0020 | 0559 | 0606 | 0482 | 805 | | 799 | 0.41 | 0.60 | 1.352 | | | | | | | | | | |
| | 0030 | 0563 | 0608 | 0483 | 796 | | 799 | 0.43 | 0.60 | 1.383 | | | | | | | | | | |
| | 0040 | 0565 | 0612 | 0487 | 791 | | 788 | 0.45 | 0.65 | 1.391 | | | | | | | | | | |
| | 0050 | 0566 | 0638 | 0507 | 756 | | 799 | 0.57 | 0.70 | 1.425 | | | | | | | | | | |
| | 0060 | 0488 | 0694 | 0555 | 564 | | 759 | 1.07 | 1.35 | 1.483 | | | | | | | | | | |
| | 0065 | 0457 | 0719 | 0576 | 487 | | 754 | 1.17 | 1.35 | 1.504 | | | | | | | | | | |
| | | | | | | | SiO ₂ | NO ₃ -N | NO ₂ -N | NH ₄ -N | TotN | | | | | | | | | |
| | | | | | | | $\mu\text{gat/l}$ | $\mu\text{gat/l}$ | $\mu\text{gat/l}$ | $\mu\text{gat/l}$ | $\mu\text{gat/l}$ | | | | | | | | | |
| | 0000 | | | | | | 16.0 | 2.61 | 0.24 | 0.47 | 21.13 | | | | | | | | | |
| | 0005 | | | | | | 16.0 | 1.11 | | 0.42 | | | | | | | | | | |
| | 0010 | | | | | | 16.0 | 1.28 | 0.24 | 0.26 | 20.89 | | | | | | | | | |
| | 0015 | | | | | | 16.0 | 1.37 | | 0.26 | | | | | | | | | | |
| | 0020 | | | | | | 16.0 | 1.01 | | 0 | | | | | | | | | | |
| | 0030 | | | | | | 16.0 | 1.76 | 0.23 | 0.05 | 31.76 | | | | | | | | | |
| | 0040 | | | | | | 16.0 | 1.07 | | 0.04 | | | | | | | | | | |
| | 0050 | | | | | | 17.0 | 0.96 | | 0.44 | | | | | | | | | | |
| | 0060 | | | | | | 26.0 | 1.81 | | 0.18 | | | | | | | | | | |
| | 0065 | | | | | | 32.5 | 2.63 | 0.05 | 0 | 31.52 | | | | | | | | | |
| | | | | | | | | | | | | | BT Slide Sk 481/11601/69 | | | | | | | |
| | | | | | | | | | | | | | Observer Carlberg | | | | | | | |

11 "Skagerak"

Station

77 Sweden

1969

BY 24

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|------------|-------|-------|------|------------------|--------|-----|-----|--------------------|---------------------------------|---------------------------------|-------------------|--------------------------|---------|-------------|----------|---------|--------------|--------------|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 |
| 0320 | 59 | 41 | 024 | 00 | 0 | 969 | 11 | 17 | 18 | 0073 | 01 | 055 | 18 | 24 | 050 | | | 68 | 4 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Obs. time | Obs. depth | Temp. | | Sal. | σ_t | Oxygen | | pH | PO ₄ -P | NO ₃ ⁻ -N | NO ₂ ⁻ -N | Sal. method | Extra info. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | | 34 | 35 | 36 | | | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | | | | | | | | | | | | | | | | |
| 18 | 0000 | 0590 | 0672 | 0533 | 788 | | | 789 | 0.37 | 0.95 | 0.39 | 1 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0005 | 0588 | 0672 | 0533 | 794 | | | 789 | 0.37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0010 | 0588 | 0672 | 0533 | 795 | | | 790 | 0.37 | 1.03 | 0.37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0015 | 0589 | 0671 | 0533 | 792 | | | 789 | 0.36 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0020 | 0589 | 0671 | 0533 | 796 | | | 787 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0030 | 0588 | 0672 | 0533 | 790 | | | 786 | 0.41 | 0.87 | 0.38 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0040 | 0592 | 0672 | 0533 | 785 | | | 786 | 0.43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0050 | 0586 | 0672 | 0533 | 785 | | | 781 | 0.43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0060 | 0502 | 0711 | 0559 | 604 | | | 748 | 1.02 | 1.08 | 0.16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | NH ₄ -N | | TotN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0000 | | | | | | | | µgat/l | | µgat/l | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0010 | | | | | | | | 0.13 | | 24.51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0030 | | | | | | | | 0.21 | | 19.53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0060 | | | | | | | | 0 | | 18.57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | 0 | | 26.20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | BT Slide Sk 483/11601/69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | Observer Carlberg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

11 "Skagerak"

77 Sweden

1969

Station

BY 26

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|------------|-------|-------|------|------------------|----------------|-----|-----|--------------|-----------------|-----------------|--------------------|---------------------------------|---------------------------------|-------------|------------|---------|--------------|--------------|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 |
| 0322 | 59 | 22 | 022 | 28 | 0 | 969 | 11 | 18 | 01 | 0112 | 01 | 075 | 18 | 30 | 060 | | | 28 | 4 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Obs. time | Obs. depth | Temp. | | Sal. | | σ _t | | | Oxygen | | pH | PO ₄ -P | NO ₃ ⁻ -N | NO ₂ ⁻ -N | Sol. method | Extra info | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | | 37 | 38 | 39 | | | 40 | 41 | 42 | 43 | 44 | 45 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 77 | 78 | | | | | | | | | | | | | | |
| 01 | 0000 | 06 | 12 | 06 | 98 | 05 | 53 | 79 | 4 | | 775 | 0.29 | 0.37 | 0.39 | 1 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0005 | 06 | 17 | 06 | 98 | 05 | 53 | 80 | 8 | | 778 | 0.31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0010 | 06 | 13 | 06 | 98 | 05 | 53 | 79 | 2 | | 778 | 0.28 | 1.18 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0015 | 06 | 13 | 06 | 98 | 05 | 53 | 79 | 2 | | 782 | 0.30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0020 | 06 | 14 | 06 | 98 | 05 | 53 | 79 | 6 | | 778 | 0.31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0030 | | 07 | 22 | | | | 77 | 8 | | | 0.30 | 0.61 | 0.26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0040 | 06 | 61 | 07 | 22 | 05 | 69 | 76 | 8 | | 780 | 0.30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0050 | 06 | 68 | 07 | 23 | 05 | 69 | 77 | 7 | | 769 | 0.39 | 0.59 | 0.26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0060 | 06 | 59 | 07 | 28 | 05 | 74 | 75 | 5 | | 767 | 0.37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0070 | 06 | 48 | 07 | 34 | 05 | 84 | 74 | 0 | | 765 | 0.43 | 0.71 | 0.29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0080 | 04 | 36 | 07 | 64 | 06 | 11 | 53 | 9 | | 734 | 1.26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0090 | 03 | 39 | 08 | 35 | 06 | 69 | 28 | 9 | | 700 | 2.38 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0100 | 03 | 63 | 09 | 08 | 07 | 27 | 15 | 3 | | 692 | 2.87 | 1.70 | 0.14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | NH ₄ -N | TotN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | μgat/l | μgat/l | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0000 | | | | | | | | | | | 0.15 | 19.72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0010 | | | | | | | | | | | 0.38 | 20.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0030 | | | | | | | | | | | 0.67 | 19.13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0050 | | | | | | | | | | | 0.58 | 20.13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0070 | | | | | | | | | | | 0.31 | 10.62 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0100 | | | | | | | | | | | 1.00 | 17.37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BT Slide Sk 485/11601/69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Observer Engström | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

11 "Skagerak"

Station

77 Sweden

1969

BY 28

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice | |
|-------------|-------------|-------|----------|----------------|------------------|----------|-------|--------------------|--------------|------------------|-----------------|-------------------|--------|---------|-------------|----------|---------|--------------|--------------|-----|----|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | | |
| 5 6 7 8 | 9 10 | 11 12 | 13 14 15 | 16 17 | 18 | 19 20 21 | 22 23 | 24 25 | 26 27 | 28 29 30 31 | 46 47 | 48 49 50 | 51 52 | 53 54 | 55 56 57 | 58 59 | 60 | 61 | 62 | 63 | 64 |
| 0324 | 59 | 02 | 021 | 05 | 0 | 969 | 11 | 18 | 09 | 0195 | 02 | 065 | 20 | 22 | 050 | | | 27 | 4 | 0 | |
| Obs. time | Obs. depth | Temp. | Sal. | σ_t | Oxygen | | pH | PO ₄ -P | | H ₂ S | Sol. method | Extra info. | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 38 39 40 | 41 42 | 43 44 45 | | 58 59 60 | 61 62 63 64 | | | | µgat/l | µgat/l | 77 78 | | | | | | |
| 09 | 0000 | 0667 | 0731 | 0574 | 791 | | | | 805 | 0.28 | | 1 | 3 | | | | | | | | |
| | 0005 | 0670 | 0731 | 0574 | 792 | | | | 805 | 0.30 | | | | | | | | | | | |
| | 0010 | 0664 | 0732 | 0575 | 784 | | | | 805 | 0.28 | | | | | | | | | | | |
| | 0015 | 0663 | 0732 | 0575 | | | | | 804 | 0.26 | | | | | | | | | | | |
| | 0020 | 0667 | 0732 | 0575 | 777 | | | | 804 | 0.25 | | | | | | | | | | | |
| | 0030 | 0662 | 0732 | 0575 | 781 | | | | 804 | 0.22 | | | | | | | | | | | |
| | 0040 | 0664 | 0733 | 0576 | 773 | | | | 804 | 0.34 | | | | | | | | | | | |
| | 0050 | 0650 | 0736 | 0579 | 773 | | | | 800 | 0.33 | | | | | | | | | | | |
| | 0060 | 0670 | 0738 | 0580 | 770 | | | | 799 | 0.22 | | | | | | | | | | | |
| | 0070 | 0655 | 0747 | 0588 | 744 | | | | 794 | 0.29 | | | | | | | | | | | |
| | 0080 | 0670 | 0791 | 0621 | 590 | | | | 764 | 0.64 | | | | | | | | | | | |
| | 0090 | 0448 | 0991 | 0791 | 089 | | | | 719 | 2.72 | | | | | | | | | | | |
| | 0100 | 0495 | 1024 | 0815 | 018 | | | | 717 | 3.00 | | | | | | | | | | | |
| | 0125 | 0485 | 1076 | 0857 | 0 | | | | 716 | 3.05 | 4.05 | | | | | | | | | | |
| | 0150 | 0503 | 1095 | 0871 | 0 | | | | 716 | 2.94 | 4.18 | | | | | | | | | | |
| | 0175 | 0505 | 1098 | 0873 | 0 | | | | 715 | 2.94 | 6.90 | | | | | | | | | | |

BT Slide Sk 487/11601/69

Observer Engström

11 "Skagerak"

Station

77 Sweden

1969

BY 30

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | | Weather | Cloud amount | State of sea | Ice |
|-------------|------|----|-------|----|------------------|------|-----|-----|--------------|-----------------|-----------------|-------------------|------|---------|-------------|----------|----|----|---------|--------------|--------------|-----|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | 61 | 62 | | | | |
| 0326 | 58 | 47 | 019 | 06 | 0 | 969 | 11 | 18 | 17 | 0160 | 01 | 065 | 20 | 20 | 048 | | | | | 6 | 84 | 0 |

| Obs. time | Obs. depth | Temp. | Sal. | σ_t | Oxygen | | pH | PO ₄ -P µgat/l | NH ₂ OH µgat/l | H ₂ S µgat/l | Sol. method | Extra info. |
|-----------|-------------|-------------|----------------|----------------|----------|-------------|----|------------------------------|------------------------------|----------------------------|-------------|-------------|
| | | | | | ml/l | % | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 34 35 | 36 37 38 39 40 | 41 42 43 44 45 | 58 59 60 | 61 62 63 64 | | | | | 77 | 78 |

| | | | | | | | | | | | | | |
|----|------|------|------|------|-----|--|-----|------|------|-----|--|---|---|
| 18 | 0000 | 0569 | 0720 | 0571 | 796 | | 794 | 0.47 | | | | 1 | 3 |
| | 0005 | 0553 | 0719 | 0571 | 793 | | 796 | 0.42 | | | | | |
| | 0010 | 0556 | 0719 | 0571 | 797 | | 797 | 0.41 | | | | | |
| | 0015 | 0565 | 0724 | 0574 | 791 | | 796 | 0.49 | | | | | |
| | 0020 | 0563 | 0725 | 0575 | 788 | | 795 | 0.41 | | | | | |
| | 0030 | 0566 | 0725 | 0575 | 793 | | 794 | 0.41 | | | | | |
| | 0040 | 0560 | 0732 | 0581 | 772 | | 790 | 0.45 | | | | | |
| | 0050 | 0532 | 0773 | 0614 | 628 | | 765 | 0.71 | | | | | |
| | 0060 | 0496 | 0866 | 0689 | 386 | | 739 | 1.31 | | | | | |
| | 0070 | 0448 | 0952 | 0759 | 198 | | 723 | 1.92 | | | | | |
| | 0080 | 0450 | 1013 | 0807 | 092 | | 719 | 2.36 | | | | | |
| | 0090 | 0478 | 1062 | 0846 | 011 | | 717 | 2.80 | | | | | |
| 17 | 0100 | 0480 | 1067 | 0855 | 006 | | 717 | 2.93 | | | | | |
| | 0125 | 0489 | 1079 | 0861 | 0 | | 719 | | 0.17 | 8.1 | | | |
| | 0150 | 0489 | 1082 | 0863 | 0 | | 717 | | 0.03 | 7.6 | | | |

BT Slide Sk 489/11601/69
Observer Engström

11 "Skagerak"

Station

77 Sweden

1969

BY 31 Landsort Deep

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|-------------|-------------|----------------|----------------------------|----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------|-----------------|-------------------|------|----|-------------|----|---------|--------------|--------------|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | 5 | 6 | 7 | 8 | | 9 | 10 | 11 | | | | | 12 | 13 | 14 | 15 | | | | | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 |
| 0327 | 58 | 35 | 018 | 14 | 0 | 969 | 11 | 18 | 21 | 0459 | 04 | 065 | 23 | 18 | 050 | | | | 2 | 83 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| Obs. time | Obs. depth | Temp. | Sal. | SiO ₂ μgat/l | H ₂ S μgat/l | NO ₃ -N μgat/l | NO ₂ -N μgat/l | NH ₄ -N μgat/l | NH ₂ OH μgat/l | TotN μgat/l | Sat. method | Extra info. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 34 35 | 36 37 38 39 40 | | | | | | | | | 77 78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 0000 | | | 21.0 | | 0.64 | 0.21 | 0 | | 11.08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0005 | | | 21.0 | | 0.79 | | 0.21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0010 | | | 21.0 | | 0.63 | 0.21 | 0.10 | | 18.30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0015 | | | 21.0 | | 0.61 | | 0.36 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0020 | | | 20.5 | | 0.74 | | 0.36 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0030 | | | 21.5 | | 1.28 | 0.23 | 0.21 | | 17.78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0040 | | | 22.0 | | 0.56 | | 0.26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0050 | | | 25.0 | | 0.69 | 0.20 | 0.18 | | 17.27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0060 | | | 31.5 | | 0.78 | | 0.13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0070 | | | 48.0 | | 0.66 | 0.04 | 0.06 | | 17.53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0080 | | | 58.0 | | 0.94 | | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0090 | | | 63.0 | | 0.83 | | 0.14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | 0100 | | | 66.0 | | 0.52 | 0.12 | 0.47 | 0.28 | 14.48 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0125 | | | 68.5 | 0.8 | 0.17 | | 1.19 | 0.03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0150 | | | 71.0 | 7.3 | 0.02 | | 1.60 | 0.03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0200 | | | 71.5 | 9.8 | 0.01 | 0 | 2.07 | 0.02 | 14.28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0300 | | | 72.0 | 11.5 | 0 | 0 | 2.14 | 0.01 | 16.13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0400 | | | 72.0 | 11.9 | 0 | | 2.62 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0425 | | | 72.0 | 11.4 | 0 | | 2.33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0440 | | | 72.5 | 15.3 | 0 | 0.02 | 2.54 | | 18.04 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

11 "Skagerak"

77 Sweden

1969

Station

BY 33

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice |
|-------------|-------------|-------|----------|------------|------------------|----------|----------|------------------------------|----------------------------|-----------------|--------------------------|-------------------|-------|---------|-------------|----------|---------|--------------|--------------|-----|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | |
| 5 6 7 8 | 9 10 | 11 12 | 13 14 15 | 16 17 | 18 | 19 20 21 | 22 23 | 24 25 | 26 27 | 28 29 30 31 | 46 47 | 48 49 50 | 51 52 | 53 54 | 55 56 57 | 58 59 | 60 | 61 62 | 63 64 | |
| 0329 | 57 | 39 | 018 | 12 | 0 | 969 | 11 | 19 | 23 | 0100 | 01 | 050 | 25 | 22 | 050 | | | 1 | 24 | 0 |
| Obs. time | Obs. depth | Temp. | Sal. | σ_t | Oxygen | | pH | PO ₄ -P µgat/l | H ₂ S µgat/l | Sol. method | Extra info. | | | | | | | | | |
| | | | | | ml/l | % | | | | | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | 43 44 45 | 58 | 59 60 | 61 62 63 | 64 | | | 77 | 78 | | | | | |
| 23 | 0000 | 0650 | 0713 | 0562 | 786 | | | 797 | 0.31 | | | | | 1 | 3 | | | | | |
| | 0005 | 0646 | 0713 | 0562 | 781 | | | 801 | 0.31 | | | | | | | | | | | |
| | 0010 | 0652 | 0713 | 0562 | 792 | | | 801 | 0.33 | | | | | | | | | | | |
| | 0015 | 0648 | 0713 | 0562 | 784 | | | 802 | 0.30 | | | | | | | | | | | |
| | 0020 | 0648 | 0713 | 0562 | 783 | | | 802 | 0.31 | | | | | | | | | | | |
| | 0030 | 0644 | 0714 | 0563 | 779 | | | 801 | 0.30 | | | | | | | | | | | |
| | 0040 | 0643 | 0716 | 0565 | 803 | | | 801 | 0.37 | | | | | | | | | | | |
| | 0050 | 0537 | 0848 | 0674 | 418 | | | 741 | 1.41 | | | | | | | | | | | |
| | 0060 | 0446 | 1015 | 0811 | 044 | | | 716 | 2.90 | | | | | | | | | | | |
| | 0070 | 0455 | 1039 | 0831 | 0 | | | 714 | 3.12 | 3.00 | | | | | | | | | | |
| | 0080 | 0459 | 1042 | 0833 | 0 | | | 714 | 3.12 | 5.70 | | | | | | | | | | |
| | 0090 | 0450 | 1046 | 0837 | 0 | | | 713 | 3.12 | 9.35 | | | | | | | | | | |
| | | | | | | | | | | | BT Slide Sk 492/11601/69 | | | | | | | | | |
| | | | | | | | | | | | Observer Engström | | | | | | | | | |
| | | | | | | | | | | | N 57° 38.5' | | | | | | | | | |
| | | | | | | | | | | | E 18° 11.5' | | | | | | | | | |

11 "Skagerak"

77 Sweden

1969

Station

BY 35 10/9

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | | Weather | Cloud amount | State of sea | Ice | | | | |
|-------------|------------|-------|-------|----|----|------|------------------|--------|-----|------|------------------------------|----------------------------|-----------------|-------------------|------|---------|-------------|----------|----|----|---------|--------------|--------------|-----|----|----|----|----|
| | ° | ' | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | 51 | 52 | | | | | 53 | 54 | 55 | 56 |
| 0331 | 57 | 42 | 017 | 39 | 0 | 969 | 11 | 20 | 03 | 0095 | 01 | 045 | 25 | 30 | 055 | | | | | | | | | | 12 | 4 | 0 | |
| Obs. time | Obs. depth | Temp. | | | | Sal. | σ_t | Oxygen | | pH | PO ₄ -P μgat/l | H ₂ S μgat/l | Sol. method | Extra info. | | | | | | | | | | | | | | |
| | | 26 | 27 | 28 | 29 | | | 30 | 31 | | | | | | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 |
| 03 | 0000 | 0657 | 0717 | | | 0565 | 805 | | | 796 | 0.30 | | | | | | | | | | | | | | | | | |
| | 0005 | 0653 | 0717 | | | 0565 | 785 | | | 800 | 0.29 | | | | | | | | | | | | | | | | | 13 |
| | 0010 | 0659 | 0717 | | | 0565 | 779 | | | 800 | 0.27 | | | | | | | | | | | | | | | | | |
| | 0015 | 0657 | 0717 | | | 0565 | 782 | | | 799 | 0.34 | | | | | | | | | | | | | | | | | |
| | 0020 | 0659 | 0717 | | | 0565 | 777 | | | 800 | 0.34 | | | | | | | | | | | | | | | | | |
| | 0030 | 0656 | 0717 | | | 0565 | 779 | | | 801 | 0.34 | | | | | | | | | | | | | | | | | |
| | 0040 | 0654 | 0724 | | | 0571 | 778 | | | 798 | 0.36 | | | | | | | | | | | | | | | | | |
| | 0050 | 0609 | 0743 | | | 0589 | 745 | | | 789 | 0.52 | | | | | | | | | | | | | | | | | |
| | 0060 | 0525 | 0818 | | | 0651 | 524 | | | 751 | 1.04 | | | | | | | | | | | | | | | | | |
| | 0070 | 0440 | 0955 | | | 0763 | 198 | | | 732 | 2.12 | | | | | | | | | | | | | | | | | |
| | 0080 | 0440 | 1011 | | | 0808 | 042 | | | 716 | 2.64 | 0 | | | | | | | | | | | | | | | | |
| | 0090 | 0454 | 1043 | | | 0834 | 012 | | | 715 | 3.06 | 0 | | | | | | | | | | | | | | | | |

BT Slide Sk 494/11601/69
Observer Carlberg
N 57° 41.5'
E 17° 39'

11 "Skagerak"

Station

77 Sweden

1969

BY 37

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice | | |
|-------------|-------------|-------|----------|------------|------------------|----------|-------|------------------------------|------------------|-----------------|-----------------|--------------------------|-------|---------|-------------|----------|---------|--------------|--------------|-----|---|---|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | | | |
| 5 6 7 8 | 9 10 | 11 12 | 13 14 15 | 16 17 | 18 | 19 20 21 | 22 23 | 24 25 | 26 27 | 28 29 30 31 | 46 47 | 48 49 50 | 51 52 | 53 54 | 55 56 57 | 58 59 60 | 61 | 62 | 63 | 64 | | |
| 0333 | 57 | 44 | 017 | 06 | 0 | 969 | 11 | 20 | 08 | 0070 | 01 | 030 | 25 | 24 | 050 | | | 11 | 3 | 0 | | |
| Obs. time | Obs. depth | Temp. | Sal. | σ_t | Oxygen | | pH | PO ₄ -P μgat/l | Alkal. Mval/l | Sal. method | Extra info. | | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | | | | | | 43 44 45 | 58 | 59 60 | 61 62 63 64 | 77 | 78 | | | | | |
| 08 | 0000 | 0629 | 0736 | 0582 | 771 | | | 790 | 0.40 | 1.496 | | | | | | | | | | 1 | 3 | |
| | 0005 | 0629 | 0736 | 0582 | 773 | | | 792 | 0.40 | 1.523 | | | | | | | | | | | | |
| | 0010 | 0629 | 0736 | 0582 | 765 | | | 792 | 0.37 | 1.562 | | | | | | | | | | | | |
| | 0015 | | 0736 | | 771 | | | | 0.37 | | | | | | | | | | | | | 4 |
| | 0020 | 0635 | 0736 | 0582 | 763 | | | 792 | 0.40 | | | | | | | | | | | | | 3 |
| | 0030 | 0635 | 0743 | 0587 | 760 | | | 790 | 0.45 | | | | | | | | | | | | | |
| | 0040 | 0541 | 0830 | 0660 | 473 | | | 744 | 1.20 | | | | | | | | | | | | | |
| | 0050 | 0469 | 0917 | 0732 | 236 | | | 726 | 1.98 | | | | | | | | | | | | | |
| | 0060 | 0443 | 0939 | 0750 | 161 | | | 717 | 2.24 | | | | | | | | | | | | | |
| | | | | | | | | | | | | BT Slide Sk 496/11601/69 | | | | | | | | | | |
| | | | | | | | | | | | | Observer Carlberg | | | | | | | | | | |
| | | | | | | | | | | | | N 57° 44' | | | | | | | | | | |
| | | | | | | | | | | | | E 17° 05.5' | | | | | | | | | | |

11 "Skagerak"

Station

77 Sweden

1969

13/9

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice | | | |
|-------------|-------------|-------|----------|------------|------------------|----------|-------|------------------------------|--------------|-----------------|-----------------|------------------------|-------|-------------|-------------|----------|---------|--------------|--------------|-----|---|---|--|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | | | | |
| 5 6 7 8 | 9 10 | 11 12 | 13 14 15 | 16 17 | 18 | 19 20 21 | 22 23 | 24 25 | 26 27 | 28 29 30 31 | 46 47 | 48 49 50 | 51 52 | 53 54 | 55 56 57 | 58 59 60 | 61 | 62 | 63 | 64 | | | |
| 0334 | 57 | 46 | 016 | 50 | 0 | 969 | 11 | 20 | 09 | 0030 | 00 | 030 | 25 | 24 | 050 | | | 11 | 2 | 0 | | | |
| Obs. time | Obs. depth | Temp. | Sal. | σ_t | Oxygen | | pH | PO ₄ -P μgat/l | Sal. method | Extra info. | | | | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | | | | | 43 44 45 | 58 | 59 60 | 61 62 63 64 | 77 | 78 | | | | | | | |
| 09 | 0000 | 0578 | 0769 | 0611 | 721 | | | 777 | 0.72 | | | | | | | | | | | | 1 | 3 | |
| | 0005 | 0576 | 0769 | 0611 | 723 | | | 778 | 0.72 | | | | | | | | | | | | | | |
| | 0010 | 0579 | 0769 | 0611 | 723 | | | 778 | 0.72 | | | | | | | | | | | | | | |
| | 0015 | 0578 | 0769 | 0611 | 724 | | | 778 | 0.72 | | | | | | | | | | | | | | |
| | 0020 | 0576 | 0769 | 0611 | 722 | | | 778 | 0.74 | | | | | | | | | | | | | | |
| | 0025 | 0560 | 0772 | 0614 | 630 | | | 761 | 0.91 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | BT Slide Sk 497/399/69 | | | | | | | | | | | |
| | | | | | | | | | | | | Observer Sen Gupta | | | | | | | | | | | |
| | | | | | | | | | | | | N 57° 45.7' | | | | | | | | | | | |
| | | | | | | | | | | | | E 16° 50' | | | | | | | | | | | |

11 "Skagerak"

Station

77 Sweden

1969

BY 15 A

Hydro Depth Observations (Code 03)

Gotland Deep

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | | Weather | Cloud amount | State of sea | Ice |
|-------------|-------------|-------|----------|-------|------------------|------------|------------------|---------------------------------|---------------------------------|---------------------------------|--------------------|-------------------|-------------|-------------|-------------|----------|----|----|---------|--------------|--------------|-----|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | ° | ' | | | | |
| 5 6 7 8 | 9 10 | 11 12 | 13 14 15 | 16 17 | 18 | 19 20 21 | 22 23 | 24 25 | 26 27 | 28 29 30 31 | 46 47 | 48 49 50 | 51 52 | 53 54 | 55 56 57 | 58 59 60 | 61 | 62 | 63 | 64 | | |
| 0335 | 57 | 20 | 020 | 03 | 0 | 969 | 11 | 24 | 06 | 0249 | 02 | 060 | 32 | 16 | 020 | | | 7 | 7 | 3 | 0 | |
| Obs. time | Obs. depth | Temp. | | Sal. | | σ_t | SiO ₂ | NO ₃ ⁻ -N | NO ₂ ⁻ -N | NH ₄ ⁺ -N | NH ₂ OH | TotN | Sal. method | Extra info. | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | 43 44 45 | | | | | | 77 | 78 | | | | | | | | |
| 06 | 0000 | | | | | | 12.5 | 0.56 | 0.17 | 1.19 | | 8.76 | | | | | | | | | | |
| | 0005 | | | | | | 12.5 | 0.60 | 0.17 | 1.21 | | | | | | | | | | | | |
| | 0010 | | | | | | 12.5 | 0.61 | 0.15 | 1.55 | | 9.54 | | | | | | | | | | |
| | 0015 | | | | | | 12.5 | 0.36 | 0.16 | 1.25 | | | | | | | | | | | | |
| | 0020 | | | | | | 12.5 | 0.44 | 0.16 | 1.23 | | | | | | | | | | | | |
| | 0030 | | | | | | 12.5 | 0.40 | 0.17 | 1.45 | | 9.28 | | | | | | | | | | |
| | 0040 | | | | | | 12.5 | 0.35 | 0.15 | 1.29 | | | | | | | | | | | | |
| | 0050 | | | | | | 12.5 | 0.40 | 0.14 | 1.71 | | 6.70 | | | | | | | | | | |
| | 0060 | | | | | | 22.5 | 0.90 | 0.08 | 0.93 | | | | | | | | | | | | |
| | 0070 | | | | | | 48.0 | 1.71 | 0.03 | 0.63 | | 18.30 | | | | | | | | | | |
| | 0080 | | | | | | 52.0 | 2.86 | 0 | 0.79 | | | | | | | | | | | | |
| | 0090 | | | | | | 52.0 | 3.09 | 0.01 | 0.67 | | | | | | | | | | | | |
| | 0100 | | | | | | 52.0 | 2.42 | 0.03 | 1.19 | | 18.14 | | | | | | | | | | |
| | 0125 | | | | | | 65.5 | 2.44 | 0.06 | 1.08 | | | | | | | | | | | | |
| | 0150 | | | | | | 74.0 | 2.30 | 0.08 | 0.67 | 0.28 | | | | | | | | | | | |
| | 0175 | | | | | | 78.0 | 1.88 | 0.10 | 2.85 | 0.33 | | | | | | | | | | | |
| | 0200 | | | | | | 71.0 | 3.75 | 0.09 | 1.09 | 0.50 | 10.57 | | | | | | | | | | |
| | 0225 | | | | | | 56.0 | 3.76 | 0.08 | 1.14 | | | | | | | | | | | | |
| | 0240 | | | | | | 51.0 | 2.68 | 0.09 | 0.78 | | 7.99 | | | | | | | | | | |

11 "Skagerak"

Station

77 Sweden

1969

BY 15 A

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | | Weather | Cloud amount | State of sea | Ice | | | | | | |
|-------------|------------|-------|-------|------------|------------------|------|-----|------------------------------|--------------|-----------------|-----------------|-------------------|------|---------|-------------|----------|----|----|---------|--------------|--------------|-----|----|----|----|----|----|----|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | 51 | 52 | | | | | 53 | 54 | 55 | 56 | 57 | 58 |
| 0337 | 57 | 20 | 020 | 03 | 0 | 969 | 11 | 24 | 12 | 0249 | 02 | 060 | 36 | 08 | 050 | | | | | | | | 1 | 4 | 3 | 0 | | |
| Obs. time | Obs. depth | Temp. | Sol. | σ_t | Oxygen | | pH | PO ₄ -P μgat/l | Sol. method | Extra info. | | | | | | | | | | | | | | | | | | |
| | | | | | ml/l | % | | | | | | | | | | | | | | | | | | | | | | |
| 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 77 | 78 |
| 12 | 0000 | 0609 | 0736 | 0583 | 788 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0010 | 0615 | 0735 | 0582 | 789 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0030 | 0618 | 0735 | 0582 | 786 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0050 | 0623 | 0736 | 0582 | 787 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0070 | 0436 | 1004 | 0802 | 099 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0100 | 0507 | 1116 | 0888 | 143 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0125 | 0509 | 1190 | 0946 | 109 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0150 | 0522 | 1231 | 0978 | 032 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0175 | 0527 | 1248 | 0991 | 019 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0200 | 0534 | 1259 | 0999 | 022 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0225 | 0558 | 1278 | 1013 | 142 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0240 | 0566 | 1295 | 1026 | 144 | | | | | | | | | | | | | | | | | | | | | | | |

BT Slide Sk 504/11601/69

Observer Carlberg

11 "Skagerak"

Station

77 Sweden

1969

BY 15 A

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice | |
|-------------|-------------|-------|----------|------------|------------------|----------|-------|------------------------------|--------------|-----------------|-----------------|--------------------------|----------|---------|-------------|----------|---------|--------------|--------------|-----|----|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | | 60 |
| 5 6 7 8 | 9 10 | 11 12 | 13 14 15 | 16 17 | 18 | 19 20 21 | 22 23 | 24 25 | 26 27 | 28 29 30 31 | 46 47 | 48 49 50 | 51 52 | 53 54 | 55 56 57 | 58 59 | 60 | 61 | 62 | 63 | 64 |
| 0339 | 57 | 20 | 020 | 03 | 0 | 969 | 11 | 24 | 18 | 0249 | 18 | 0 | 36 | 06 | 010 | | | 14 | 3 | 0 | |
| Obs. time | Obs. depth | Temp. | Sal. | σ_t | Oxygen | | pH | PO ₄ -P µgat/l | | Sal. method | Extra info. | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | | 43 44 45 | 58 | | | 59 60 | 61 62 63 | 64 | 77 | 78 | | | | | |
| 18 | 0000 | 0611 | 0734 | 0580 | 790 | | | | | 0.19 | | 1 | 4 | | | | | | | | |
| | 0010 | 0609 | 0735 | 0581 | 803 | | | | | 0.18 | | | | | | | | | | | |
| | 0030 | 0620 | 0735 | 0581 | 785 | | | | | 0.18 | | | | | | | | | | | |
| | 0050 | 0621 | 0736 | 0581 | 792 | | | | | 0.18 | | | | | | | | | | | |
| | 0070 | 0432 | 0994 | 0794 | 183 | | | | | 1.39 | | | | | | | | | | | |
| | 0100 | 0507 | 1109 | 0882 | 094 | | | | | 1.95 | | | | | | | | | | | |
| | 0125 | 0503 | 1188 | 0944 | 135 | | | | | 2.04 | | | | | | | | | | | |
| | 0150 | 0525 | 1228 | 0975 | 038 | | | | | 3.14 | | | | | | | | | | | |
| | 0175 | 0530 | 1248 | 0990 | 013 | | | | | 4.30 | | | | | | | | | | | |
| | 0200 | 0527 | 1259 | 0999 | 017 | | | | | 4.26 | | | | | | | | | | | |
| | 0225 | 0551 | 1276 | 1011 | 139 | | | | | 2.58 | | | | | | | | | | | |
| | 0240 | 0567 | 1293 | 1024 | 148 | | | | | 1.87 | | | | | | | | | | | |
| | | | | | | | | | | | | BT Slide Sk 510/11601/69 | | | | | | | | | |
| | | | | | | | | | | | | Observer Engström | | | | | | | | | |

11 "Skagerak"

Station

77 Sweden

1969

BY 15 A

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | | Weather | Cloud amount | State of sea | Ice |
|-------------|-------------|-------|-------|------------|----------|-------|------------------|--------------------|-----|-------------|--------------------------|-----------------|-----------------|-------------------|---------|----------|-------------|-------|-------|-------|---------|--------------|--------------|-----|
| | ° | ' | ° | ' | '' | Year | | Mo. | Day | Dir. | | | | | Sp. kn. | Dry bulb | Wet bulb | 51 52 | 53 54 | 55 56 | | | | |
| 0341 | 57 | 20 | 020 | 03 | 0 | | 969 | 11 | 25 | 00 | 0249 | 02 | 060 | 05 | 20 | 020 | | | | | | 1 | 52 | 0 |
| Obs. time | Obs. depth | Temp. | Sal. | σ_t | Oxygen | | pH | PO ₄ -P | | Sal. method | Extra info. | | | | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | | 43 44 45 | 58 | | | 59 60 | 61 62 63 | 64 | 77 | 78 | | | | | | | | |
| 00 | 0000 | 0607 | 0734 | 0580 | | | 940 | | | | | 0.22 | | | | | | | | | | 1 | 4 | |
| | 0010 | 0606 | 0734 | 0580 | | | 795 | | | | | 0.27 | | | | | | | | | | | | |
| | 0030 | 0611 | 0734 | 0580 | | | 790 | | | | | 0.19 | | | | | | | | | | | | |
| | 0050 | 0618 | 0736 | 0581 | | | 801 | | | | | 0.18 | | | | | | | | | | | | |
| | 0070 | 0416 | 0980 | 0783 | | | 137 | | | | | 1.48 | | | | | | | | | | | | |
| | 0100 | 0509 | 1148 | 0913 | | | 105 | | | | | 1.88 | | | | | | | | | | | | |
| | 0125 | 0504 | 1190 | 0945 | | | 130 | | | | | 2.17 | | | | | | | | | | | | |
| | 0150 | 0523 | 1230 | 0977 | | | 033 | | | | | 3.30 | | | | | | | | | | | | |
| | 0175 | 0527 | 1248 | 0991 | | | 040 | | | | | 3.88 | | | | | | | | | | | | |
| | 0200 | 0530 | 1258 | 0998 | | | 013 | | | | | 4.58 | | | | | | | | | | | | |
| | 0225 | 0555 | 1277 | 1012 | | | 149 | | | | | 2.57 | | | | | | | | | | | | |
| | 0240 | 0568 | 1294 | 1024 | | | 150 | | | | | 1.93 | | | | | | | | | | | | |
| | | | | | | | | | | | BT Slide Sk 516/11601/69 | | | | | | | | | | | | | |
| | | | | | | | | | | | Observer Carlberg | | | | | | | | | | | | | |

11 "Skagerak"

77 Sweden

1969

Station

BY 15 A

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|------------|-------|-------|------|------------------|--------|-----|-----|--------------------|------------------|-----------------|-------------------|-------------|---------|-------------|----------|---------|--------------|--------------|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 |
| 0343 | 57 | 20 | 020 | 03 | 0 | 969 | 11 | 25 | 06 | 0249 | 02 | 060 | 05 | 26 | 010 | | | 28 | 4 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Obs. time | Obs. depth | Temp. | | Sal. | σ_t | Oxygen | | pH | PO ₄ -P | SiO ₂ | Alkal. | Sal. method | Extra info. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | | 34 | 35 | 36 | | | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 77 | 78 | | | | | | | | | | | | | | |
| 06 | 0000 | 06 | 11 | 07 | 34 | 05 | 81 | 7 | 96 | | 800 | 0.18 | 13.0 | 1.544 | 1 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0005 | 06 | 11 | 07 | 35 | 05 | 82 | 7 | 95 | | 800 | 0.18 | 13.0 | 1.557 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0010 | 06 | 09 | 07 | 35 | 05 | 82 | 7 | 95 | | 803 | 0.18 | 13.0 | 1.560 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0015 | 06 | 13 | 07 | 35 | 05 | 82 | 7 | 97 | | | 0.18 | 13.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0020 | 06 | 09 | 07 | 35 | 05 | 82 | 8 | 07 | | | 0.19 | 13.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0030 | 06 | 13 | 07 | 35 | 05 | 82 | 7 | 94 | | | 0.19 | 13.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0040 | 06 | 09 | 07 | 35 | 05 | 82 | 7 | 98 | | | 0.19 | 13.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0050 | 06 | 17 | 07 | 38 | 05 | 84 | 7 | 95 | | | 0.20 | 12.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0060 | 05 | 28 | 07 | 70 | 06 | 14 | 6 | 91 | | | 0.28 | 16.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0070 | 04 | 16 | 09 | 75 | 07 | 81 | 1 | 54 | | | 1.47 | 46.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0080 | 04 | 86 | 10 | 58 | 08 | 45 | 0 | 76 | | | 1.79 | 55.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0090 | 04 | 98 | 10 | 80 | 08 | 61 | 1 | 30 | | | 1.70 | 52.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0100 | 05 | 11 | 11 | 08 | 08 | 82 | 1 | 24 | | | 1.70 | 54.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0125 | 05 | 14 | 11 | 90 | 09 | 46 | 0 | 64 | | | 2.62 | 67.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0150 | 05 | 22 | 12 | 26 | 09 | 74 | 0 | 30 | | | 3.16 | 74.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0175 | 05 | 30 | 12 | 48 | 09 | 91 | 0 | 15 | | | 4.23 | 80.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0200 | 05 | 29 | 12 | 58 | 09 | 99 | 0 | 19 | | | 4.13 | 75.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0225 | 05 | 51 | 12 | 73 | 10 | 09 | 1 | 38 | | | 2.60 | 56.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0240 | 05 | 58 | 12 | 92 | 10 | 23 | 1 | 51 | | | 1.87 | 50.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

BT Slide Sk 522/11601/69
Observer Engström

11 " Skagerak"

Station

77 Sweden

1969

BY 39

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | | Wet/dry | Cloud amount | State of sea | Ice | | | | | | |
|-------------|------------|-------|-------|------------|------------------|--------|-----|-----|------------------------------|---|---|---|----------------|-------------|-------------|------------------------|----|----|---------|--------------|--------------|-----|----|----|----|----|----|----|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | 58 | 59 | | | | | 60 | 61 | 62 | 63 | 64 | |
| 0346 | 56 | 07 | 016 | 32 | 0 | 969 | 11 | 26 | 03 | 0050 | 00 | 040 | 36 | 26 | 005 | | | | | | | 78 | 4 | 0 | | | | |
| Obs. time | Obs. depth | Temp. | Sal. | σ_t | | Oxygen | | pH | PO ₄ -P µgat/l | NO ₃ ⁻ -N µgat/l | NO ₂ ⁻ -N µgat/l | NH ₄ ⁺ -N µgat/l | TotN µgat/l | Sol. method | Extra info. | | | | | | | | | | | | | |
| 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | | | | | | | | | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 50 |
| 03 | 0000 | 0598 | 0724 | 0575 | | 784 | | | 803 | 0.35 | 0.63 | | | | | | | | | | | | | | | | | 13 |
| | 0005 | 0600 | 0725 | 0575 | | 783 | | | 804 | 0.36 | 0.69 | | | | | | | | | | | | | | | | | |
| | 0010 | 0601 | 0725 | 0575 | | 783 | | | 804 | 0.40 | 0.69 | | | | | | | | | | | | | | | | | |
| | 0015 | 0597 | 0726 | 0576 | | 779 | | | 803 | 0.40 | 0.62 | | | | | | | | | | | | | | | | | |
| | 0020 | 0601 | 0728 | 0577 | | 780 | | | 804 | 0.45 | 0.71 | | | | | | | | | | | | | | | | | |
| | 0030 | 0603 | 0729 | 0578 | | 779 | | | 803 | 0.46 | 0.71 | | | | | | | | | | | | | | | | | |
| | 0040 | 0571 | 0737 | 0625 | | 589 | | | 767 | 0.93 | 0.59 | | | | | | | | | | | | | | | | | |
| | 0045 | 0432 | 0913 | 0731 | | 186 | | | 728 | 1.98 | 0.94 | | | | | | | | | | | | | | | | | |
| | 0000 | | | | | | | | | 0.41 | 0.40 | 19.07 | | | | | | | | | | | | | | | | |
| | 0005 | | | | | | | | | | 0.32 | | | | | | | | | | | | | | | | | |
| | 0010 | | | | | | | | | 0.41 | 0.31 | 12.47 | | | | | | | | | | | | | | | | |
| | 0015 | | | | | | | | | | 0.35 | | | | | | | | | | | | | | | | | |
| | 0020 | | | | | | | | | 0.40 | 0.31 | | | | | | | | | | | | | | | | | |
| | 0030 | | | | | | | | | 0.33 | 0.40 | 13.76 | | | | | | | | | | | | | | | | |
| | 0040 | | | | | | | | | | 0.52 | | | | | | | | | | | | | | | | | |
| | 0045 | | | | | | | | | 0.04 | 0.46 | 14.94 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | BT Slide Sk 527/399/69 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | Observer Engström | | | | | | | | | | | | |

11 "Skagerak"

77 Sweden

1969

Station

C

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | | Long. | | | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | | Weather | Cloud amount | State of sea | Ice | | | | | | | | | | | | | | | | | | | | |
|---|------------|-------|------|------------|--------|-----|----|------------------|-------------|------|----|--------------|-----------------|-----------------|-------------------|------|-----|-------------|----|----|----|---------|--------------|--------------|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | 5 | 6 | 7 | 8 | 9 | 10 | 11 | | 12 | 13 | 14 | | | | | 15 | 16 | 17 | 18 | 19 | 20 | | | | | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 |
| 0349 | 58 | 02 | 010 | 58 | 0 | 969 | 12 | 03 | 14 | 0150 | 01 | | | | 34 | 08 | 000 | | | | | | | 12 | 1 | 0 | | | | | | | | | | | | | | | | | | | |
| Obs. time | Obs. depth | Temp. | Sal. | σ_t | Oxygen | | pH | Sal. method | Extra info. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | ml/l | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | | | | | | | | | | | | | | | | | | | |
| 14 | 0000 | 0799 | | | | | | | | | | | | | | | | | | | | | | | | 0 | | | | | | | | | | | | | | | | | | | |
| | 0025 | 0929 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0050 | 0966 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0075 | 0924 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0100 | 0894 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0125 | 0857 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0145 | 0844 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Observer Claesson N 58° 01.5' E 10° 58' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

11 "Skagerak"

77 Sweden

1969

Station

E

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | | Long. | | | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | | Weather | Cloud amount | State of sea | Ice | | | | | | | | | | | | | | | | | | | | |
|---|------------|-------|------|------------|--------|-----|----|------------------|-------------|------|----|--------------|-----------------|-----------------|-------------------|------|-----|-------------|----|----|----|---------|--------------|--------------|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | 5 | 6 | 7 | 8 | 9 | 10 | 11 | | 12 | 13 | 14 | | | | | 15 | 16 | 17 | 18 | 19 | 20 | | | | | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 |
| 0350 | 58 | 07 | 010 | 48 | 0 | 969 | 12 | 03 | 16 | 0215 | 02 | | | | 34 | 06 | 000 | | | | | | | 1 | 19 | 0 | | | | | | | | | | | | | | | | | | | |
| Obs. time | Obs. depth | Temp. | Sal. | σ_t | Oxygen | | pH | Sal. method | Extra info. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | ml/l | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | | | | | | | | | | | | | | | | | | | |
| 16 | 0000 | 0766 | | | | | | | | | | | | | | | | | | | | | | | | 0 | | | | | | | | | | | | | | | | | | | |
| | 0050 | 0984 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0100 | 0930 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0150 | 0897 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0200 | 0698 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0210 | 0698 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Observer Claesson N 58° 06.5' E 10° 47.5' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

11 "Skagerak"

77 Sweden

1969

Station

W

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | | Long. | | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | | Weather | Cloud amount | State of sea | Ice | | | |
|-------------|-------------|-------|-------|-------|------------|--------|------------------|------|-------|----------|--------------|-----------------|-----------------|-------------------|------|---------|-------------|----------|----|----|---------|--------------|--------------|-----|----|----|----|
| | ° | ' | '' | ° | ' | '' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | 51 | 52 | | | | | 53 | 54 | 55 |
| 0353 | 58 | 46 | 010 | 22 | 0 | | 19 | 12 | 04 | 12 | 0155 | 01 | | | 05 | 08 | 010 | | | | | | | 12 | 1 | 0 | |
| Obs. time | Obs. depth | | Temp. | Sal. | σ_t | Oxygen | | pH | | | | Sal. method | Extra info. | | | | | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | 43 44 45 | 58 | 59 60 | 61 62 63 | 64 | | | | | | | | | | | | | | | | |
| 12 | 0000 | 0524 | | | | | | | | | | | | | | | | | | | | | | | | | 0 |
| | 0050 | 0910 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0100 | 0922 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0125 | 0937 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0145 | 0919 | | | | | | | | | | | | | | | | | | | | | | | | | |

Observer Claesson
N 58° 46.3'
E 10° 22.2'

11 "Skagerak"

77 Sweden

1969

Station

X

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | | Long. | | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | | Weather | Cloud amount | State of sea | Ice | | | |
|-------------|-------------|-------|-------|-------|------------|--------|------------------|------|-------|----------|--------------|-----------------|-----------------|-------------------|------|---------|-------------|----------|----|----|---------|--------------|--------------|-----|----|----|----|
| | ° | ' | '' | ° | ' | '' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | 51 | 52 | | | | | 53 | 54 | 55 |
| 0354 | 58 | 40 | 010 | 07 | 0 | | 19 | 12 | 04 | 16 | 0360 | 03 | | | 36 | 08 | 010 | | | | | | | 0 | 01 | 0 | |
| Obs. time | Obs. depth | | Temp. | Sal. | σ_t | Oxygen | | pH | | | | Sal. method | Extra info. | | | | | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | 43 44 45 | 58 | 59 60 | 61 62 63 | 64 | | | | | | | | | | | | | | | | |
| 16 | 0000 | 0514 | | | | | | | | | | | | | | | | | | | | | | | | | 0 |
| | 0050 | 0781 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0100 | 0964 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0150 | 0848 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0200 | 0752 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0250 | 0742 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0300 | 0711 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0350 | 0638 | | | | | | | | | | | | | | | | | | | | | | | | | |

Observer Claesson
N 58° 40.3'
E 10° 07'

11 "Skagerak"

Station

77 Sweden

1969

R

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | | Weather | Cloud amount | State of sea | Ice | | | |
|-------------|-------------|-------|----------|------------|------------------|----------|----------|-------|--------------|-----------------|-------------------|-------------------|----------|---------|-------------|----------|-----------|-------|---------|--------------|--------------|-----|-------|--------------|--|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | 51 52 | 53 54 | | | | | 55 56 | 57 58 59 :60 | |
| 5 6 7 8 | 9 10 | 11 12 | 13 14 15 | 16 17 | 18 | 19 20 21 | 22 23 | 24 25 | 26 27 | 28 29 30 31 | 46 47 | 48 49 50 | 51 52 | 53 54 | 55 56 | 57 | 58 59 :60 | 61 | 62 | 63 | 64 | | | | |
| 0357 | 58 | 30 | 010 | 13 | 0 | 969 | 12 | 05 | 14 | 0415 | 04 | | 05 | 08 | X | 010 | | | | | 1 | 2 | 10 | | |
| Obs. time | Obs. depth | Temp. | Sal. | σ_t | | | Oxygen | | pH | Sel. method | Extra info. | | | | | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | 43 44 45 | 58 | | | | 59 60 | 61 62 63 | 64 | 77 | 78 | | | | | | | | | |
| 14 | 0000 | 0746 | | | | | | | | | | | | | | | | | | | | | | 0 | |
| | 0100 | 0870 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0200 | 0634 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0300 | 0586 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0400 | 0572 | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | Observer Claesson | | | | | | | | | | | | | | |
| | | | | | | | | | | | N 58° 30.3' | | | | | | | | | | | | | | |
| | | | | | | | | | | | E 10° 13' | | | | | | | | | | | | | | |

11 "Skagerak"

Station

77 Sweden

1969

M

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | | Weather | Cloud amount | State of sea | Ice | | | |
|-------------|-------------|-------|----------|------------|------------------|----------|----------|-------|--------------|-----------------|-------------------|-------------------|----------|---------|-------------|----------|-----------|-------|---------|--------------|--------------|-----|-------|--------------|---|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | 51 52 | 53 54 | | | | | 55 56 | 57 58 59 :60 | |
| 5 6 7 8 | 9 10 | 11 12 | 13 14 15 | 16 17 | 18 | 19 20 21 | 22 23 | 24 25 | 26 27 | 28 29 30 31 | 46 47 | 48 49 50 | 51 52 | 53 54 | 55 56 | 57 | 58 59 :60 | 61 | 62 | 63 | 64 | | | | |
| 0358 | 58 | 25 | 010 | 09 | 0 | 969 | 12 | 05 | 17 | 0520 | 05 | | 05 | 08 | X | 010 | | | | | 1 | 2 | 10 | | |
| Obs. time | Obs. depth | Temp. | Sal. | σ_t | | | Oxygen | | pH | Sel. method | Extra info. | | | | | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | 43 44 45 | 58 | | | | 59 60 | 61 62 63 | 64 | 77 | 78 | | | | | | | | | |
| 17 | 0000 | 0701 | | | | | | | | | | | | | | | | | | | | | | | 0 |
| | 0100 | 0782 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0200 | 0673 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0300 | 0595 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0400 | 0574 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0500 | 0559 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0510 | 0557 | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | Observer Claesson | | | | | | | | | | | | | | |
| | | | | | | | | | | | N 58° 25.2' | | | | | | | | | | | | | | |
| | | | | | | | | | | | E 10° 08.5' | | | | | | | | | | | | | | |

11 "Skagerak"

77 Sweden

1969

Station

L

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice | |
|-------------|-------------|-------|----------|------------|------------------|----------|----------|-------|--------------|-----------------|-------------------|-------------------|-------|---------|-------------|----------|---------|--------------|--------------|-----|---|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | | |
| 5 6 7 8 | 9 10 | 11 12 | 13 14 15 | 16 17 | 18 | 19 20 21 | 22 23 | 24 25 | 26 27 | 28 29 30 31 | 46 47 | 48 49 50 | 51 52 | 53 54 | 55 56 57 | 58 59 60 | 61 | 62 | 63 | 64 | |
| 0361 | 58 | 16 | 010 | 11 | 0 | 969 | 12 | 10 | 09 | 0450 | 04 | | 23 | 28 | 040 | | | 48 | 3 | 0 | |
| Obs. time | Obs. depth | Temp. | Sal. | σ_t | | Oxygen | | pH | | Sal. method | Extra info. | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | 43 44 45 | 58 | 59 60 | | | 61 62 63 | 64 | 77 | 78 | | | | | | |
| 09 | 0000 | 0677 | | | | | | | | | | | | | | | | | | | 0 |
| | 0100 | 0890 | | | | | | | | | | | | | | | | | | | |
| | 0200 | 0706 | | | | | | | | | | | | | | | | | | | |
| | 0300 | 0595 | | | | | | | | | | | | | | | | | | | |
| | 0400 | 0583 | | | | | | | | | | | | | | | | | | | |
| | 0440 | 0603 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | Observer Claesson | | | | | | | | | | |
| | | | | | | | | | | | N 58° 16.2' | | | | | | | | | | |
| | | | | | | | | | | | E 10° 10.5' | | | | | | | | | | |

11 "Skagerak"

77 Sweden

1969

Station

N Hirtshals

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice | |
|-------------|-------------|-------|----------|------------|------------------|----------|----------|-------|--------------|-----------------|-------------------|-------------------|-------|---------|-------------|----------|---------|--------------|--------------|-----|---|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | | |
| 5 6 7 8 | 9 10 | 11 12 | 13 14 15 | 16 17 | 18 | 19 20 21 | 22 23 | 24 25 | 26 27 | 28 29 30 31 | 46 47 | 48 49 50 | 51 52 | 53 54 | 55 56 57 | 58 59 60 | 61 | 62 | 63 | 64 | |
| 0362 | 58 | 07 | 009 | 47 | 0 | 969 | 12 | 11 | 12 | 0440 | 04 | | 20 | 18 | 020 | | | 48 | 3 | 0 | |
| Obs. time | Obs. depth | Temp. | Sal. | σ_t | | Oxygen | | pH | | Sal. method | Extra info. | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | 43 44 45 | 58 | 59 60 | | | 61 62 63 | 64 | 77 | 78 | | | | | | |
| 12 | 0000 | 0701 | | | | | | | | | | | | | | | | | | | 0 |
| | 0100 | 0880 | | | | | | | | | | | | | | | | | | | |
| | 0200 | 0643 | | | | | | | | | | | | | | | | | | | |
| | 0300 | 0575 | | | | | | | | | | | | | | | | | | | |
| | 0400 | 0573 | | | | | | | | | | | | | | | | | | | |
| | 0420 | 0569 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | Observer Claesson | | | | | | | | | | |
| | | | | | | | | | | | N 58° 07.4' | | | | | | | | | | |
| | | | | | | | | | | | E 09° 46.5' | | | | | | | | | | |

13 "Thetis"

77 Sweden

1969

Station

Lundåkrabukten

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice |
|-------------|-------------|-------|----------|-------|------------------|----------|------------------------|--------------------|--------------------|--------------------|-----------------|-------------------|-------------|-------------|-------------|----------|---------|--------------|--------------|-----|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | |
| 5 6 7 8 | 9 10 | 11 12 | 13 14 15 | 16 17 | 18 | 19 20 21 | 22 23 | 24 25 | 26 27 | 28 29 30 31 | 46 47 | 48 49 50 | 51 52 | 53 54 | 55 56 57 | 58 59 60 | 61 | 62 | 63 | 64 |
| 0070 | 55 | 48 | 012 | 55 | 0 | 969 | 09 | 02 | 12 | 0013 | 00 | 009 | 29 | 14 | 165 | | 1 | 2 | 30 | |
| Obs. time | Obs. depth | Temp. | | Sal. | σ_t | | Oxygen | | pH | PO ₄ -P | Tot.P | Alkal. | Sol. method | Extra info. | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | 43 44 45 | 56 | | 59 60 | 61 62 63 | 64 | | | 77 | 78 | | | | |
| 12 | 0000 | 1664 | 18996 | 1340 | 638 | 816 | 0.52 | 0.95 | 1.947 | 3 | 3 | | | | | | | | | |
| | 0005 | 1663 | 20435 | 1450 | 621 | 817 | 0.31 | 0.65 | 2.020 | | | | | | | | | | | |
| | 0008 | 1616 | 20875 | 1492 | 551 | 811 | 0.52 | 0.83 | 2.034 | | | | | | | | | | | |
| | 0010 | 1191 | 28947 | 2194 | 370 | 788 | 1.29 | 1.67 | 2.362 | | | | | | | | | | | |
| | 0011 | 1060 | 31788 | 2436 | 213 | 773 | 1.72 | 2.13 | 2.438 | | | | | | | | | | | |
| | | | | | | | SiO ₂ | NO ₃ -N | NO ₂ -N | | | | | | | | | | | |
| | | | | | | | µgat/l | µgat/l | µgat/l | | | | | | | | | | | |
| | 0000 | | | | | | 0.80 | 0.30 | 0.055 | | | | | | | | | | | |
| | 0005 | | | | | | 1.55 | 0.05 | 0 | | | | | | | | | | | |
| | 0008 | | | | | | 2.95 | 0.20 | 0.010 | | | | | | | | | | | |
| | 0010 | | | | | | 17.20 | 1.65 | 0.375 | | | | | | | | | | | |
| | 0011 | | | | | | 23.65 | 2.30 | 0.555 | | | | | | | | | | | |
| | | | | | | | BT Slide Th 117/358/69 | | | | | | | | | | | | | |
| | | | | | | | Observer Engström | | | | | | | | | | | | | |
| | | | | | | | N 55° 47.6' | | | | | | | | | | | | | |
| | | | | | | | E 12° 54.7' | | | | | | | | | | | | | |

13 "Thetis"

77 Sweden

1969

Station

Lundåkrabukten

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | | Long. | | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|------------|-------|-------|------------|--------|-----|------------------|---------------------------------------|--------------------|--------------------|--------------|-----------------|-----------------|-------------------|------|---------|-------------|----------|---------|--------------|--------------|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | ° | ' | '' | ° | ' | '' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 |
| 0072 | 55 | 48 | 012 | 55 | 0 | 969 | 09 | 04 | 09 | 0010 | 00 | 010 | 00 | 00 | 155 | | | 0 | 0 | 00 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Obs. time | Obs. depth | Temp. | Sal. | σ_t | Oxygen | | pH | PO ₄ -P | Tot.P | Alkal. | Sal. method | Extra info. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | 27 | 28 | 29 | 30 | 31 | 32 | | 33 | 34 | 35 | | | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 77 | 78 | | | | | | | | | | | | | | |
| 09 | 0000 | 1576 | 17353 | 1233 | 631 | | | 0.70 | 1.22 | 1.936 | 3 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0005 | 1642 | 19839 | 1408 | 643 | | | 0.28 | 0.75 | 2.001 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0009 | 1638 | 20528 | 1462 | 621 | | | 0.26 | 0.72 | 2.023 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0011 | 163 | 21043 | 1502 | 594 | | | 0.35 | 0.82 | 2.023 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1) | 0008 | 15 | 21164 | | 578 | | | 0.68 | 0.99 | 2.031 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1) | 0011 | 10 | 30544 | | 165 | | | 3.25 | 3.74 | 2.425 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0000 | | | | | | | SiO ₂ | NO ₃ -N | NO ₂ -N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0005 | | | | | | | μgat/l | μgat/l | μgat/l | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0009 | | | | | | | 1.20 | 0.39 | 0.070 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0011 | | | | | | | 1.00 | 0.18 | 0.010 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0000 | | | | | | | 0.80 | 0.15 | 0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0005 | | | | | | | 1.85 | 0.34 | 0.035 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0011 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1) | 0008 | | | | | | | 2.20 | 0.27 | 0.035 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1) | 0011 | | | | | | | 27.70 | 1.76 | 0.575 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | BT Slide Th 120/358/69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | Observer Engström | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | N 55° 47.6' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | E 12° 54.7' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | 1) sampled by diver in the outer hole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

13 "Thetis"

77 Sweden

1969

Station

Diskan

Hydro Depth Observations (Code 0 3)

| Station No. | Lat. | | Long. | | NSEW | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice |
|-------------|-------------|-------|----------|----------------|----------|----------|----------|--------------------|--------------------|--------------------|-----------------|-------------------|--------|---------|-------------|----------|---------|--------------|--------------|-----|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | |
| 5 6 7 8 | 9 10 | 11 12 | 13 14 15 | 16 17 | 18 | 19 20 21 | 22 23 | 24 25 | 26 27 | 28 29 30 31 | 46 47 | 48 49 50 | 51 52 | 53 54 | 55 56 57 | 58 59 | 60 61 | 62 63 | 64 | |
| 0074 | 55 | 60 | 012 | 39 | 0 | 969 | 09 | 05 | 13 | 0012 | 00 | | 32 | 14 | 170 | | | 1 | 53 | 0 |
| Obs. time | Obs. depth | Temp. | Sal. | σ _t | Oxygen | | pH | PO ₄ -P | Tot.P | Alkal. | Sal. method | Extra info. | | | | | | | | |
| | | | | | ml/l | % | | | | | | | µgat/l | µgat/l | Mval/l | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | 43 44 45 | 58 | 59 60 | 61 62 63 | 64 | 77 | 78 | | | | | | | |
| 13 | 0000 | 1717 | 19595 | 1375 | 620 | | 818 | 0.36 | 0.58 | 1.955 | 3 | 3 | | | | | | | | |
| | 0007 | 1707 | 19625 | 1380 | 610 | | 820 | 0.30 | 0.87 | 1.993 | | | | | | | | | | |
| | 0012 | | 20476 | | 561 | | 818 | 0.73 | 1.26 | 2.016 | | | | | | | | | | |
| | 0000 | | | | | | | SiO ₂ | NO ₃ -N | NO ₂ -N | | | | | | | | | | |
| | 0007 | | | | | | | µgat/l | µgat/l | µgat/l | | | | | | | | | | |
| | 0012 | | | | | | | 1.55 | 0.30 | 0.055 | | | | | | | | | | |
| | | | | | | | | 2.20 | 0.15 | 0.005 | | | | | | | | | | |
| | | | | | | | | 2.85 | 0.22 | 0 | | | | | | | | | | |
| | | | | | | | | Observer Engström | | | | | | | | | | | | |
| | | | | | | | | N 55° 59.6' | | | | | | | | | | | | |
| | | | | | | | | E 12° 39.2' | | | | | | | | | | | | |

13 "Thetis"

77 Sweden

1969

Station

Sjollen

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | | Weather | Cloud amount | State of sea | Ice |
|---------------------------------|-------------|-------------|----------------|----------------|------------------|-------------|-------|------------------------------|------------------------------|------------------------------|-----------------|-------------------|-------|---------|-------------|----------|----|----|---------|--------------|--------------|-----|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | | | |
| 5 6 7 8 | 9 10 | 11 12 | 13 14 15 | 16 17 | 18 | 19 20 21 | 22 23 | 24 25 | 26 27 | 28 29 30 31 | 46 47 | 48 49 50 | 51 52 | 53 54 | 55 56 57 | 58 59 60 | 61 | 62 | 63 | 64 | | |
| 0076 | 55 | 38 | 012 | 55 | 0 | 969 | 09 | 09 | 09 | 0005 | 00 | | 00 | 00 | 180 | | | | 1 | 30 | 0 | |
| Obs. time | Obs. depth | Temp. | Sal. | σ_t | Oxygen | | pH | PO ₄ -P μgat/l | Tot.P μgat/l | Alkal. Mval/l | Sol. method | Extra info. | | | | | | | | | | |
| | | | | | ml/l | % | | | | | | | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 34 35 | 36 37 38 39 40 | 41 42 43 44 45 | 58 59 60 | 61 62 63 64 | | | | | 77 | 78 | | | | | | | | | | |
| 09 | 0000 | 16 | 08335 | 0540 | 625 | | 802 | 0.11 | 0.44 | 1.619 | 3 | 3 | | | | | | | | | | |
| 1) | 0004 | 16 | 08347 | 0542 | 655 | | 814 | 0.14 | 0.44 | 1.616 | | | | | | | | | | | | |
| 1) | 0005 | 16 | 08408 | 0546 | 657 | | 825 | 0.19 | 0.52 | 1.632 | | | | | | | | | | | | |
| | | | | | | | | SiO ₂ μgat/l | NO ₃ -N μgat/l | NO ₂ -N μgat/l | | | | | | | | | | | | |
| 1) | 0000 | | | | | | | 10.90 | 0.24 | 0.035 | | | | | | | | | | | | |
| 1) | 0004 | | | | | | | 10.15 | 0.20 | 0.025 | | | | | | | | | | | | |
| | 0005 | | | | | | | 10.15 | 0.25 | 0.040 | | | | | | | | | | | | |
| Observer Engström | | | | | | | | | | | | | | | | | | | | | | |
| N 55° 38.3' | | | | | | | | | | | | | | | | | | | | | | |
| E 12° 55.2' | | | | | | | | | | | | | | | | | | | | | | |
| 1) sampled by diver on the bank | | | | | | | | | | | | | | | | | | | | | | |

13 "Thetis"

77 Sweden

1969

Station

NE Lillgrund

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | | Weather | Cloud amount | State of sea | Ice | | | |
|---------------------------------|-------------|-------|-------|----------------|------------------|-------|-----|--------------------|------------------|--------------------|--------------------|------------------------|----------|---------|-------------|-------------------|-------|--------------|---------|--------------|--------------|-----|-------|----------|----|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | 51 52 | 53 54 | | | | | 55 56 | 57 58 59 | 60 |
| 0078 | 55 | 31 | 012 | 47 | 0 | 969 | 09 | 10 | 09 | 0008 | 00 | 008 | X | 16 | 08 | 185 | | | | | | | 13 | 2 | 0 |
| Obs. time | Obs. depth | Temp. | Sol. | σ _t | Oxygen | | pH | PO ₄ -P | Tot.P | Alkal. | Sol. method | Extra info. | | | | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | | 43 44 45 | 58 | 59 60 | | | 61 62 63 | 64 | 77 | 78 | | | | | | | | | |
| 09 | 0000 | 1678 | 08305 | 0524 | 648 | | | 814 | 0.07 | 0.36 | 1.611 | | 33 | | | | | | | | | | | | |
| | 0003 | 1680 | 08307 | 0524 | 670 | | | 818 | 0.06 | 0.37 | 1.608 | | | | | | | | | | | | | | |
| | 0005 | 1678 | 08303 | 0524 | 665 | | | 817 | 0.07 | 0.36 | 1.632 | | | | | | | | | | | | | | |
| | 0008 | 1680 | 08308 | 0524 | 663 | | | 802 | 0.05 | 0.37 | 1.619 | | | | | | | | | | | | | | |
| 1) | 0001 | 16 | 08215 | 0531 | 670 | | | 821 | 0.06 | 0.41 | 1.619 | | | | | | | | | | | | | | |
| 1) | 0004 | 16 | 08215 | 0531 | 652 | | | 819 | 0.07 | 0.39 | 1.621 | | | | | | | | | | | | | | |
| 1) | 0005 | 16 | 08217 | 0531 | 663 | | | 823 | 0.09 | 0.41 | 1.613 | | | | | | | | | | | | | | |
| | 0000 | | | | | | | | SiO ₂ | NO ₃ -N | NO ₂ -N | | | | | | | | | | | | | | |
| | 0003 | | | | | | | | μgat/l | μgat/l | μgat/l | | | | | | | | | | | | | | |
| | 0005 | | | | | | | | 11.05 | 0.27 | 0.005 | | | | | | | | | | | | | | |
| | 0008 | | | | | | | | 9.85 | 0.17 | 0.020 | | | | | | | | | | | | | | |
| | | | | | | | | | 10.45 | 0.21 | 0.025 | | | | | | | | | | | | | | |
| | | | | | | | | | 8.75 | 0.22 | 0.020 | | | | | | | | | | | | | | |
| 1) | 0001 | | | | | | | | 10.25 | 0.26 | 0.040 | | | | | | | | | | | | | | |
| 1) | 0004 | | | | | | | | 10.95 | 0.26 | 0.025 | | | | | | | | | | | | | | |
| 1) | 0005 | | | | | | | | 10.50 | 0.33 | 0.055 | | | | | | | | | | | | | | |
| 1) sampled by diver on the bank | | | | | | | | | | | | BT Slide Th 122/358/69 | | | | Observer Engström | | N 55° 31.15' | | E 12° 46.70' | | | | | |

13 "Thetis"
77 Sweden

1969

Station
Kullen

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|-------------|-------|-------|-------|------------------|--------|----------|-----|--------------------|-----------------|------------------------|-------------------|-------------------|-------------------|-------------|----------|---------|--------------|--------------|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|--|--|--|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | | | | | |
| 0080 | 56 | 14 | 012 | 22 | 0 | 969 | 09 | 11 | 03 | 0024 | 00 | 012 | 20 | 08 | 160 | | | 28 | 2 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Obs. time | Obs. depth | Temp. | | Sal. | σ_t | Oxygen | | pH | PO ₄ -P | Tot.P | Sel. method | Extra info. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | 43 44 45 | 58 | 59 60 | 61 62 63 64 | | | $\mu\text{gat/l}$ | $\mu\text{gat/l}$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 03 | 0000 | 17 | 12 | 20 | 089 | 14 | 13 | 610 | 1020 | 816 | 0.07 | 0.47 | 3 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0005 | 17 | 18 | 20 | 165 | 14 | 18 | 624 | 1043 | 821 | 0.10 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0010 | 17 | 48 | 27 | 103 | 19 | 40 | 580 | 1016 | 823 | 0.10 | 0.35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0015 | 14 | 30 | 31 | 859 | 23 | 72 | 525 | 890 | 808 | 0.15 | 0.39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0020 | 07 | 92 | 33 | 515 | 26 | 14 | 276 | 411 | 775 | 0.94 | 1.28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | BT Slide Th 123/358/69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | Observer Engström | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | N 56° 14' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | E 12° 22.2' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

13 "Thetis"

Station

77 Sweden

1969

Fladen

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|------------|-------|-------|------------|------------------|------|-----|--------------------------|--------------------|--------------------|-----------------|-------------------|------|---------|-------------|----------|---------|--------------|--------------|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 |
| 0082 | 57 | 12 | 011 | 40 | 0 | 969 | 09 | 11 | 10 | 0064 | 01 | 021 | 23 | 14 | 175 | | | 2 | 73 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Obs. time | Obs. depth | Temp. | Sal. | σ_t | Oxygen | | pH | PO ₄ -P | Tot.P | Alkal. | Sal. method | Extra info. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | 27 | 28 | 29 | 30 | 31 | 32 | | 33 | 34 | 35 | | | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 77 | 78 | | | | | | | | | | | | | | |
| 10 | 0000 | 1626 | 23355 | 1680 | 600 | 1026 | 817 | 0.14 | 0.42 | 2.266 | 3 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0005 | 1725 | 28351 | 2040 | 609 | 1072 | 818 | 0.11 | 0.35 | 2.266 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0010 | 1742 | 29549 | 2127 | 614 | 1091 | 822 | 0.06 | 0.37 | 2.321 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0015 | 1734 | 31324 | 2264 | 630 | 1129 | 823 | 0.07 | 0.38 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0020 | 1742 | 32044 | 2317 | 584 | 1054 | 820 | 0.06 | 0.34 | 2.425 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0030 | 1303 | 33495 | 2523 | 462 | 767 | 800 | 0.26 | 0.37 | 2.444 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0040 | 1019 | 33940 | 2613 | 467 | 734 | 795 | 0.56 | 0.70 | 2.455 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0050 | 0872 | 34202 | 2656 | 479 | 730 | 792 | 0.65 | 0.76 | 2.457 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0060 | 0811 | 34421 | 2682 | 494 | 743 | 793 | 0.68 | 0.82 | 2.457 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0000 | | | | | | | SiO ₂ | NO ₃ -N | NO ₂ -N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0005 | | | | | | | μgat/l | μgat/l | μgat/l | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0010 | | | | | | | 1.20 | 0.35 | 0.020 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0015 | | | | | | | 1.10 | 0.18 | 0.010 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0020 | | | | | | | 1.20 | 0.13 | 0.010 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0030 | | | | | | | 1.55 | 0.28 | 0.050 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0040 | | | | | | | 2.15 | 0.18 | 0.005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0050 | | | | | | | 7.30 | 0.25 | 0.095 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0060 | | | | | | | 14.10 | 5.62 | 0.035 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | 13.65 | 6.35 | 0.010 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | 12.30 | 6.60 | 0.175 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | BT Slide Th 125/11600/69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | Observer Engström | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | N 57° 11.5' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | E 11° 40' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

13 "Thetis"

Station

77 Sweden

1969

K 11

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice | |
|-------------|-------------|-------|----------|------------|------------------|----------|----------|-------|----------------------------|------------------------|-----------------|-------------------|-------|----------|-------------|----------|---------|--------------|--------------|-----|---|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | | |
| 5 6 7 8 | 9 10 | 11 12 | 13 14 15 | 16 17 | 18 | 19 20 21 | 22 23 | 24 25 | 26 27 | 28 29 30 31 | 46 47 | 48 49 50 | 51 52 | 53 54 | 55 56 57 | 58 59 60 | 61 | 62 | 63 | 64 | |
| 0092 | 57 | 09 | 012 | 01 | 0 | 969 | 10 | 21 | 09 | 0045 | 00 | 004 | 09 | 06 | 104 | | | | 28 | 9 | 0 |
| Obs. time | Obs. depth | Temp. | Sal. | σ_t | | Oxygen | | pH | Tot.P $\mu\text{gat/l}$ | Sal. method | Extra info. | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | 43 44 45 | | | | | 58 | 59 60 | 61 62 63 | 64 | 77 | 78 | | | | |
| 09 | 0000 | 1127 | 20344 | 1540 | | 679 | | | 0.42 | | 3 | 8 | | | | | | | | | |
| | 0005 | 1215 | 25023 | 1887 | | 640 | | | 0.37 | | | | | | | | | | | | |
| | 0010 | 1217 | 25197 | 1900 | | 647 | | | 0.34 | | | | | | | | | | | | |
| | 0015 | 1209 | 28152 | 2130 | | 589 | | | 0.37 | | | | | | | | | | | | |
| | 0020 | 1184 | 31281 | 2376 | | 556 | | | 0.40 | | | | | | | | | | | | |
| | 0030 | 1193 | 32277 | 2451 | | 536 | | | 0.46 | | | | | | | | | | | | |
| | 0040 | 1117 | 32802 | 2506 | | 458 | | | 0.70 | | | | | | | | | | | | |
| | | | | | | | | | | BT Slide Th 135/358/69 | | | | | | | | | | | |
| | | | | | | | | | | Observer Thorslund | | | | | | | | | | | |
| | | | | | | | | | | N 57° 09.2' | | | | | | | | | | | |
| | | | | | | | | | | E 12° 01.3' | | | | | | | | | | | |

13 "Thetis "

Station

77 Sweden

1969

K 12

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice | |
|-------------|-------------|-------|----------|------------|------------------|----------|----------|-------|----------------------------|------------------------|-----------------|-------------------|-------|----------|-------------|----------|---------|--------------|--------------|-----|---|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | | |
| 5 6 7 8 | 9 10 | 11 12 | 13 14 15 | 16 17 | 18 | 19 20 21 | 22 23 | 24 25 | 26 27 | 28 29 30 31 | 46 47 | 48 49 50 | 51 52 | 53 54 | 55 56 57 | 58 59 60 | 61 | 62 | 63 | 64 | |
| 0093 | 57 | 09 | 011 | 38 | 0 | 969 | 10 | 21 | 11 | 0048 | 00 | 009 | 09 | 08 | 104 | | | | 2 | 89 | 0 |
| Obs. time | Obs. depth | Temp. | Sal. | σ_t | | Oxygen | | pH | Tot.P $\mu\text{gat/l}$ | Sal. method | Extra info. | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | 43 44 45 | | | | | 58 | 59 60 | 61 62 63 | 64 | 77 | 78 | | | | |
| 11 | 0000 | 1191 | 24728 | 1869 | | 650 | | | 0.44 | | 3 | 8 | | | | | | | | | |
| | 0005 | 1191 | 24728 | 1869 | | 649 | | | 0.44 | | | | | | | | | | | | |
| | 0010 | 1198 | 24828 | 1875 | | 642 | | | 0.43 | | | | | | | | | | | | |
| | 0015 | 1192 | 29418 | 2231 | | 556 | | | 0.46 | | | | | | | | | | | | |
| | 0020 | 1183 | 31287 | 2377 | | 551 | | | 0.46 | | | | | | | | | | | | |
| | 0030 | 1186 | 32487 | 2469 | | 531 | | | 0.75 | | | | | | | | | | | | |
| | 0040 | 1120 | 32922 | 2515 | | 470 | | | 0.66 | | | | | | | | | | | | |
| | | | | | | | | | | BT Slide Th 136/358/69 | | | | | | | | | | | |
| | | | | | | | | | | Observer Thorslund | | | | | | | | | | | |
| | | | | | | | | | | N 57° 09.2' | | | | | | | | | | | |
| | | | | | | | | | | E 11° 38.4' | | | | | | | | | | | |

13 "Thetis"

77 Sweden

1969

Station

K 16

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice | | |
|-------------|-------------|-------|----------|------------|------------------|----------|-------|----------------------------|--------------|-----------------|------------------------|-------------------|-------|----------|-------------|----------|---------|--------------|--------------|-----|----|--|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | | | |
| 5 6 7 8 | 9 10 | 11 12 | 13 14 15 | 16 17 | 18 | 19 20 21 | 22 23 | 24 25 | 26 27 | 28 29 30 31 | 46 47 | 48 49 50 | 51 52 | 53 54 | 55 56 57 | 58 59 | 60 | 61 | 62 | 63 | 64 | |
| 0095 | 56 | 51 | 011 | 46 | 0 | 969 | 10 | 21 | 14 | 0048 | 00 | 005 | 09 | 06 | 117 | | | 2 | 8 | 90 | | |
| Obs. time | Obs. depth | Temp. | Sal. | σ_t | Oxygen | | pH | Tot.P $\mu\text{gat}/1$ | Sal. method | Extra info. | | | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | | | | | 43 44 45 | 58 | 59 60 | 61 62 63 | 64 | 77 | 78 | | | | | |
| 14 | 0000 | 1162 | 18370 | 1382 | 714 | | | 0.54 | | | | | | | | | | | | | | |
| | 0005 | 1176 | 18841 | 1417 | 685 | | | 0.44 | | | | | | | | | | | | | | |
| | 0010 | 1206 | 23435 | 1767 | 619 | | | 0.37 | | | | | | | | | | | | | | |
| | 0015 | 1205 | 28054 | 2122 | 593 | | | 0.37 | | | | | | | | | | | | | | |
| | 0020 | 1195 | 29548 | 2240 | 596 | | | 0.38 | | | | | | | | | | | | | | |
| | 0030 | 1157 | 32189 | 2451 | 527 | | | 0.50 | | | | | | | | | | | | | | |
| | 0040 | 1153 | 32737 | 2495 | 457 | | | 0.72 | | | | | | | | | | | | | | |
| | | | | | | | | | | | BT Slide Th 138/358/69 | | | | | | | | | | | |
| | | | | | | | | | | | Observer Thorslund | | | | | | | | | | | |
| | | | | | | | | | | | N 56° 50.9' | | | | | | | | | | | |
| | | | | | | | | | | | E 11° 46.0' | | | | | | | | | | | |

13 "Thetis"

77 Sweden

1969

Station

K 16 a

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice | | |
|-------------|-------------|-------|----------|------------|------------------|----------|-------|----------------------------|--------------|-----------------|------------------------|-------------------|-------|----------|-------------|----------|---------|--------------|--------------|-----|----|--|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | | | |
| 5 6 7 8 | 9 10 | 11 12 | 13 14 15 | 16 17 | 18 | 19 20 21 | 22 23 | 24 25 | 26 27 | 28 29 30 31 | 46 47 | 48 49 50 | 51 52 | 53 54 | 55 56 57 | 58 59 | 60 | 61 | 62 | 63 | 64 | |
| 0096 | 56 | 52 | 012 | 05 | 0 | 969 | 10 | 21 | 15 | 0044 | 00 | 005 | 09 | 04 | 107 | | | 28 | 9 | 0 | | |
| Obs. time | Obs. depth | Temp. | Sal. | σ_t | Oxygen | | pH | Tot.P $\mu\text{gat}/1$ | Sal. method | Extra info. | | | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | | | | | 43 44 45 | 58 | 59 60 | 61 62 63 | 64 | 77 | 78 | | | | | |
| 15 | 0000 | 1170 | 21015 | 1585 | 673 | | | 0.72 | | | | | | | | | | | | | | |
| | 0005 | 1178 | 21391 | 1612 | 673 | | | 0.43 | | | | | | | | | | | | | | |
| | 0010 | 1218 | 23465 | 1767 | 649 | | | 0.36 | | | | | | | | | | | | | | |
| | 0015 | 1229 | 25469 | 1919 | 634 | | | 0.32 | | | | | | | | | | | | | | |
| | 0020 | 1220 | 26623 | 2010 | 610 | | | 0.43 | | | | | | | | | | | | | | |
| | 0030 | 1165 | 31653 | 2409 | 543 | | | 0.54 | | | | | | | | | | | | | | |
| | 0040 | 1117 | 32516 | 2485 | 460 | | | 0.81 | | | | | | | | | | | | | | |
| | | | | | | | | | | | BT Slide Th 139/358/69 | | | | | | | | | | | |
| | | | | | | | | | | | Observer Thorslund | | | | | | | | | | | |

13 "Thetis"

77 Sweden

1969

Station

K 22

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice |
|-------------|-------------|-------------|----------------|----------------|------------------|-------------|-------|-----------------|--------------|--|-----------------|-------------------|-------|---------|-------------|----------|---------|--------------|--------------|-----|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | |
| 5 6 7 8 | 9 10 | 11 12 | 13 14 15 | 16 17 | 18 | 19 20 21 | 22 23 | 24 25 | 26 27 | 28 29 30 31 | 46 47 | 48 49 50 | 51 52 | 53 54 | 55 56 57 | 58 59 60 | 61 | 62 | 63 | 64 |
| 0103 | 56 | 19 | 011 | 06 | 0 | 969 | 10 | 23 | 09 | 0033 | 00 | 014 | 14 | 20 | | | | 28 | 9 | 0 |
| Obs. time | Obs. depth | Temp. | Sal. | σ_t | Oxygen | | pH | Tot.P µgat/l | Sal. method | Extra info. | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 34 35 | 36 37 38 39 40 | 41 42 43 44 45 | 58 59 60 | 61 62 63 64 | | | | | ml/l | % | | | | | | | | |
| 09 | 0000 | 1227 | 20689 | 1551 | 661 | | | 0.75 | | | | | | | | | | | | |
| | 0005 | 1224 | 20715 | 1553 | 655 | | | 0.62 | | | | | | | | | | | | |
| | 0010 | 1231 | 22708 | 1706 | 631 | | | 0.56 | | | | | | | | | | | | |
| | 0015 | 1218 | 26950 | 2036 | 530 | | | 0.70 | | | | | | | | | | | | |
| | | | | | | | | | | BT Slide Th 146/358/69 Observer Thorslund N 56° 19.3' E 11° 06.0' | | | | | | | | | | |

13 "Thetis"

77 Sweden

1969

Station

K 18

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice |
|-------------|-------------|-------------|----------------|----------------|------------------|-------------|-------|-----------------|--------------|--|-----------------|-------------------|-------|---------|-------------|----------|---------|--------------|--------------|-----|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | |
| 5 6 7 8 | 9 10 | 11 12 | 13 14 15 | 16 17 | 18 | 19 20 21 | 22 23 | 24 25 | 26 27 | 28 29 30 31 | 46 47 | 48 49 50 | 51 52 | 53 54 | 55 56 57 | 58 59 60 | 61 | 62 | 63 | 64 |
| 0104 | 56 | 33 | 011 | 09 | 0 | 969 | 10 | 23 | 11 | 0017 | 00 | 007 | 14 | 20 | | | | 28 | 9 | 0 |
| Obs. time | Obs. depth | Temp. | Sal. | σ_t | Oxygen | | pH | Tot.P µgat/l | Sal. method | Extra info. | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 34 35 | 36 37 38 39 40 | 41 42 43 44 45 | 58 59 60 | 61 62 63 64 | | | | | ml/l | % | | | | | | | | |
| 11 | 0000 | 1213 | 22084 | 1660 | 665 | | | 0.62 | | | | | | | | | | | | |
| | 0005 | 1214 | 22095 | 1661 | 663 | | | 0.58 | | | | | | | | | | | | |
| | 0010 | 1234 | 24904 | 1875 | 647 | | | 0.43 | | | | | | | | | | | | |
| | 0015 | 1203 | 27927 | 2114 | 528 | | | 0.62 | | | | | | | | | | | | |
| | | | | | | | | | | BT Slide Th 147/358/69 Observer Thorslund N 56° 32.6' E 11° 09.3' | | | | | | | | | | |

13 "Thetis"

77 Sweden

1969

Station

K 9

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | NSEW | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice | |
|------------------------|-------------|-------|----------|-------|------------|----------|----------|-------|--------------|-----------------|-----------------|-------------------|-------------|---------|-------------|----------|---------|--------------|--------------|-----|---|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | | |
| 5 6 7 8 | 9 10 | 11 12 | 13 14 15 | 16 17 | 18 | 19 20 21 | 22 23 | 24 25 | 26 27 | 28 29 30 31 | 46 47 | 48 49 50 | 51 52 | 53 54 | 55 56 57 | 58 59 60 | 61 | 62 | 63 | 64 | |
| 0107 | 57 | 20 | 012 | 01 | 0 | 969 | 10 | 24 | 09 | 0030 | 00 | 017 | 18 | 24 | 095 | | | | 28 | 9 | 0 |
| Obs. time | Obs. depth | Temp. | | Sal. | σ_t | Oxygen | | pH | Tot.P | | Sal. method | Extra info. | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | 43 44 45 | | 58 | 59 60 | | | 61 62 63 64 | 77 | 78 | | | | | | |
| 09 | 0000 | 1106 | 19 | 175 | 1454 | 680 | | | 0.56 | | 3 | 8 | | | | | | | | | |
| | 0005 | 1102 | 19 | 175 | 1454 | 679 | | | 0.55 | | | | | | | | | | | | |
| | 0010 | 1103 | 19 | 465 | 1476 | 678 | | | 0.54 | | | | | | | | | | | | |
| | 0015 | 1093 | 20 | 208 | 1534 | 671 | | | 0.62 | | | | | | | | | | | | |
| | 0020 | 1171 | 24 | 281 | 1837 | 601 | | | 0.55 | | | | | | | | | | | | |
| BT Slide Th 150/358/69 | | | | | | | | | | | | | | | | | | | | | |
| Observer Thorslund | | | | | | | | | | | | | | | | | | | | | |
| N 57° 20.4' | | | | | | | | | | | | | | | | | | | | | |
| E 12° 01.1' | | | | | | | | | | | | | | | | | | | | | |

13 "Thetis"

77 Sweden

1969

Station

K 10

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | NSEW | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice | |
|------------------------|-------------|-------|----------|-------|------------|----------|----------|-------|--------------|-----------------|-----------------|-------------------|-------------|---------|-------------|----------|---------|--------------|--------------|-----|---|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | | |
| 5 6 7 8 | 9 10 | 11 12 | 13 14 15 | 16 17 | 18 | 19 20 21 | 22 23 | 24 25 | 26 27 | 28 29 30 31 | 46 47 | 48 49 50 | 51 52 | 53 54 | 55 56 57 | 58 59 60 | 61 | 62 | 63 | 64 | |
| 0108 | 57 | 24 | 012 | 03 | 0 | 969 | 10 | 24 | 10 | 0017 | 00 | 013 | 18 | 24 | 095 | | | | 28 | 9 | 0 |
| Obs. time | Obs. depth | Temp. | | Sal. | σ_t | Oxygen | | pH | Tot.P | | Sal. method | Extra info. | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | 43 44 45 | | 58 | 59 60 | | | 61 62 63 64 | 77 | 78 | | | | | | |
| 10 | 0000 | 1075 | 19 | 430 | 1478 | 677 | | | 0.70 | | 3 | 8 | | | | | | | | | |
| | 0005 | 1076 | 19 | 404 | 1475 | 677 | | | 0.70 | | | | | | | | | | | | |
| | 0010 | 1078 | 19 | 456 | 1479 | 682 | | | 0.67 | | | | | | | | | | | | |
| | 0015 | 1062 | 19 | 700 | 1500 | 670 | | | 0.64 | | | | | | | | | | | | |
| BT Slide Th 151/358/69 | | | | | | | | | | | | | | | | | | | | | |
| Observer Thorslund | | | | | | | | | | | | | | | | | | | | | |
| N 57° 24.2' | | | | | | | | | | | | | | | | | | | | | |
| E 12° 02.9' | | | | | | | | | | | | | | | | | | | | | |

13 "Thetis"

Station

77 Sweden

1969

P 3

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | | Weather | Cloud amount | State of sea | Ice | | | |
|-------------|-------------|-------|-------|-------|------------------|--------|----------|-----|----------------------------|-----------------|-----------------|------------------------|-------|----------|-------------|----------|-------|-------|---------|--------------|--------------|-----|-------|-------|-------|
| | o | ' | o | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | 51 52 | 53 54 | | | | | 55 56 | 57 58 | 59 60 |
| 0112 | 57 | 50 | 011 | 05 | 0 | 969 | 10 | 28 | 13 | 0047 | 00 | 047 | 29 | 16 | 103 | | | | | | | 2 | 790 | | |
| Obs. time | Obs. depth | Temp. | | Sal. | σ_t | Oxygen | | pH | Tot.P $\mu\text{gat/l}$ | Sol. method | Extra info. | | | | | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | 43 44 45 | | | | | 58 | 59 60 | 61 62 63 | 64 | | | | | | | | | | |
| 13 | 0000 | 1155 | 33004 | 25 | 14 | 638 | | | 0.53 | | 3 | 8 | | | | | | | | | | | | | |
| | 0005 | 1158 | 33009 | 25 | 15 | 630 | | | 0.49 | | | | | | | | | | | | | | | | |
| | 0010 | 1154 | 33007 | 25 | 16 | 633 | | | 0.49 | | | | | | | | | | | | | | | | |
| | 0015 | 1153 | 33014 | 25 | 16 | 632 | | | 0.51 | | | | | | | | | | | | | | | | |
| | 0020 | 1153 | 33020 | 25 | 17 | 634 | | | 0.44 | | | | | | | | | | | | | | | | |
| | 0030 | 1156 | 33034 | 25 | 17 | 625 | | | 0.39 | | | | | | | | | | | | | | | | |
| | 0040 | 1151 | 33058 | 25 | 20 | 624 | | | 0.54 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | BT Slide Th 155/358/69 | | | | | | | | | | | | | |
| | | | | | | | | | | | | Observer Thorslund | | | | | | | | | | | | | |
| | | | | | | | | | | | | N 57° 49.7' | | | | | | | | | | | | | |
| | | | | | | | | | | | | E 11° 05.0' | | | | | | | | | | | | | |

13 "Thetis"

Station

77 Sweden

1969

P 4

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | | Weather | Cloud amount | State of sea | Ice | | | |
|-------------|-------------|-------|-------|-------|------------------|--------|----------|-----|----------------------------|-----------------|-----------------|------------------------|-------|----------|-------------|----------|-------|-------|---------|--------------|--------------|-----|-------|-------|-------|
| | o | ' | o | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | 51 52 | 53 54 | | | | | 55 56 | 57 58 | 59 60 |
| 0113 | 57 | 47 | 010 | 52 | 0 | 969 | 10 | 28 | 14 | 0054 | 00 | 035 | 29 | 20 | 095 | | | | | | | | | | |
| Obs. time | Obs. depth | Temp. | | Sal. | σ_t | Oxygen | | pH | Tot.P $\mu\text{gat/l}$ | Sol. method | Extra info. | | | | | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | 43 44 45 | | | | | 58 | 59 60 | 61 62 63 | 64 | | | | | | | | | | |
| 14 | 0000 | 1137 | | | | 647 | | | | | | | | | | | | | | | | | | 0 | |
| | 0005 | 1134 | 32726 | 24 | 98 | 638 | | | 0.54 | | 3 | 8 | | | | | | | | | | | | | |
| | 0010 | 1134 | 32730 | 24 | 98 | 643 | | | 0.57 | | | | | | | | | | | | | | | | |
| | 0015 | 1132 | 32726 | 24 | 98 | 637 | | | 0.54 | | | | | | | | | | | | | | | | |
| | 0020 | 1130 | 32729 | 24 | 98 | 630 | | | 0.56 | | | | | | | | | | | | | | | | |
| | 0030 | 1127 | 32747 | 25 | 00 | 636 | | | 0.62 | | | | | | | | | | | | | | | | |
| | 0040 | 1139 | 32893 | 25 | 08 | 621 | | | 0.64 | | | | | | | | | | | | | | | | |
| | 0050 | 1141 | 32913 | 25 | 09 | 630 | | | 0.62 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | BT Slide Th 156/358/69 | | | | | | | | | | | | | |
| | | | | | | | | | | | | Observer Thorslund | | | | | | | | | | | | | |
| | | | | | | | | | | | | N 57° 47.4' | | | | | | | | | | | | | |
| | | | | | | | | | | | | E 10° 52.3' | | | | | | | | | | | | | |

13 "Thetis"

Station

77 Sweden

1969

Marstrandfjord

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | | Weather | Cloud amount | State of sea | Ice | | | | | | | | | | | | |
|-------------|------------|-------|-------|------------|------------------|------|-----|-----|--------------|-----------------|-----------------|------------------------|------|---------|-------------|----------|----|----|---------|--------------|--------------|-----|----|----|----|----|----|----|----|----|----|----|----|----|
| | o | ' | o | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | 51 | 52 | | | | | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 |
| 0115 | 57 | 54 | 011 | 32 | 0 | 969 | 12 | 08 | 14 | 0036 | 00 | 008 | 07 | 18 | 00 | 0 | | | | | | 28 | 2 | 0 | | | | | | | | | | |
| Obs. time | Obs. depth | Temp. | Sal. | σ_t | Oxygen | | pH | | Tot.P | | Sal. method | Extra info. | | | | | | | | | | | | | | | | | | | | | | |
| 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | | | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 77 | 78 | | | | |
| 14 | 0000 | 0330 | 26249 | 2094 | 765 | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 0 | | | |
| | 0005 | 0331 | 26254 | 2095 | 764 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0010 | 0350 | 26703 | 2126 | 758 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0015 | 0358 | 26733 | 2129 | 752 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0020 | 0365 | 26973 | 2148 | 744 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0030 | 0501 | 28524 | 2258 | 704 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | BT Slide Th 158/358/69 | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | Observer Bladh | | | | | | | | | | | | | | | | | | | | | | |

13 "Thetis"

Station

77 Sweden

1969

P 1

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | | Weather | Cloud amount | State of sea | Ice | | | | | | | | | | | | | | |
|-------------|------------|-------|-------|------------|------------------|------|-----|-----|--------------|-----------------|-----------------|--------------------------|------|---------|-------------|----------|----|----|---------|--------------|--------------|-----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|
| | o | ' | o | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | 51 | 52 | | | | | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | | |
| 0116 | 57 | 53 | 011 | 25 | 0 | 969 | 12 | 08 | 15 | 0075 | 01 | 009 | 07 | 18 | 000 | | | | | | | | | | | | | | | | | | | | | |
| Obs. time | Obs. depth | Temp. | Sal. | σ_t | Oxygen | | pH | | Tot.P | | Sal. method | Extra info. | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | | | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 77 | 78 | | | | | | |
| 15 | 0000 | 0391 | 27094 | 2154 | 751 | 974 | | | | 0.71 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0005 | 0402 | 27364 | 2175 | 743 | 969 | | | | 0.70 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0010 | 0446 | 27656 | 2195 | 726 | 957 | | | | 0.66 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0015 | 0559 | 27830 | 2198 | 739 | 1004 | | | | 0.66 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0020 | 0533 | 30200 | 2386 | 699 | 958 | | | | 0.55 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0030 | 0526 | 30684 | 2426 | 700 | 960 | | | | 0.55 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0040 | 0749 | 32186 | 2516 | 652 | 952 | | | | 0.52 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0050 | 0653 | 32437 | 2550 | 667 | 956 | | | | 0.66 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0070 | 0878 | 34301 | 2663 | 587 | 895 | | | | 0.82 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | BT Slide Th 159/11600/69 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | Observer Bladh | | | | | | | | | | | | | | | | | | | | | | | | |

13 "Thetis"

77 Sweden

Station

P 2 B

1969

Hydro Depth Observations (Code 0 3)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice | | |
|-------------|-------------|-------|----------|------------|------------------|----------|-------|-------------|--------------|-----------------|-----------------|-------------------|----------|---------|-------------|----------|---------|--------------|--------------|-----|---|--|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | | | |
| 5 6 7 8 | 9 10 | 11 12 | 13 14 15 | 16 17 | 18 | 19 20 21 | 22 23 | 24 25 | 26 27 | 28 29 30 31 | 46 47 | 48 49 50 | 51 52 | 53 54 | 55 56 57 | 58 59 60 | 61 | 62 | 63 | 64 | | |
| 0119 | 57 | 51 | 011 | 15 | 0 | 969 | 12 | 08 | 17 | 0066 | 01 | 005 | 02 | 18 | 005 | | | 28 | 3 | 0 | | |
| Obs. time | Obs. depth | Temp. | Sal. | σ_t | Oxygen | | pH | Sal. method | Extra info. | | | | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | | | | 43 44 45 | 58 | 59 60 | 61 62 63 | 64 | | | | | | | | |
| 17 | 0000 | 0488 | 29569 | 2342 | 721 | 972 | | | | | | | | | | | | | | 3 | 0 | |
| | 0005 | 0495 | 29621 | 2344 | 718 | 972 | | | | | | | | | | | | | | | | |
| | 0010 | 0553 | 30696 | 2423 | 687 | 949 | | | | | | | | | | | | | | | | |
| | 0015 | 0599 | 32023 | 2523 | 684 | 963 | | | | | | | | | | | | | | | | |
| | 0020 | 0605 | 32283 | 2542 | 676 | 956 | | | | | | | | | | | | | | | | |
| | 0030 | 0630 | 32472 | 2554 | 667 | 950 | | | | | | | | | | | | | | | | |
| | 0040 | 0766 | 32988 | 2577 | 640 | 943 | | | | | | | | | | | | | | | | |
| | 0050 | 0879 | 34044 | 2643 | 608 | 920 | | | | | | | | | | | | | | | | |
| | 0060 | 0892 | 34781 | 2698 | 597 | 911 | | | | | | | | | | | | | | | | |

BT Slide Th 162/11600/69
 Observer Lagergren
 N 57° 51.4'
 E 11° 14.9'

13 "Thetis"

77 Sweden

Station

P 3

1969

Hydro Depth Observations (Code 0 3)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice | | | |
|-------------|-------------|-------|----------|------------|------------------|----------|-------|-----------------|--------------|-----------------|-----------------|-------------------|-------|----------|-------------|----------|---------|--------------|--------------|-----|---|---|--|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | | | | |
| 5 6 7 8 | 9 10 | 11 12 | 13 14 15 | 16 17 | 18 | 19 20 21 | 22 23 | 24 25 | 26 27 | 28 29 30 31 | 46 47 | 48 49 50 | 51 52 | 53 54 | 55 56 57 | 58 59 60 | 61 | 62 | 63 | 64 | | | |
| 0120 | 57 | 50 | 011 | 04 | 0 | 969 | 12 | 08 | 18 | 0048 | 00 | 014 | 02 | 18 | 005 | | | 15 | 3 | 0 | | | |
| Obs. time | Obs. depth | Temp. | Sal. | σ_t | Oxygen | | pH | Tot.P µgat/l | Sal. method | Extra info. | | | | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | | | | | 43 44 45 | 58 | 59 60 | 61 62 63 | 64 | | | | | | | | |
| 18 | 0000 | 0658 | 32321 | 2538 | 665 | 951 | | 0.57 | | | | | | | | | | | | | 3 | 8 | |
| | 0005 | 0657 | 32321 | 2538 | 666 | 953 | | 0.50 | | | | | | | | | | | | | | | |
| | 0010 | 0654 | 32317 | 2538 | 671 | 960 | | 0.50 | | | | | | | | | | | | | | | |
| | 0015 | 0634 | 32331 | 2542 | 670 | 953 | | 0.56 | | | | | | | | | | | | | | | |
| | 0020 | 0644 | 32476 | 2553 | 665 | 949 | | 0.60 | | | | | | | | | | | | | | | |
| | 0030 | 0884 | 33989 | 2638 | 599 | 910 | | 0.57 | | | | | | | | | | | | | | | |
| | 0040 | 0880 | 34838 | 2705 | 595 | 908 | | 0.64 | | | | | | | | | | | | | | | |

BT Slide Th 163/358/69
 Observer Svansson

13 "Thetis"

77 Sweden

1969

Station

M 6

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | | Weather | Cloud amount | State of sea | Lug | | | | |
|-------------|------------|-------|-------|----|------|------------|------------------|--------|-----|------|------------------------------|------------------|-----------------|-------------------|---------|----------|-------------|----|----|----|---------|--------------|--------------|-----|----|----|----|----|
| | ° | ' | ° | ' | '' | Year | | Mo. | Day | Dir. | | | | | Sp. kn. | Dry bulb | Wet bulb | 51 | 52 | 53 | | | | | 54 | 55 | 56 | 57 |
| 0123 | 58 | 1 | 009 | 30 | 0 | 969 | 12 | 09 | 03 | 0630 | 06 | 030 | 23 | 04 | 030 | | | | | | | | | | | 27 | 2 | 0 |
| Obs. time | Obs. depth | Temp. | | | Sal. | σ_t | | Oxygen | | pH | PO ₄ -P µgat/l | Tot. P µgat/l | Sal. method | Extra info. | | | | | | | | | | | | | | |
| 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | | | | | | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 56 | 57 | 60 | 61 |
| 03 | 0000 | 05 | 34 | 33 | 027 | 25 | 98 | 684 | | 827 | 0.33 | 0.52 | | 3 | 3 | | | | | | | | | | | | | |
| | 0005 | 06 | 44 | 33 | 058 | 25 | 99 | 683 | | 826 | 0.34 | 0.54 | | | | | | | | | | | | | | | | |
| | 0010 | 06 | 46 | 33 | 096 | 26 | 01 | 694 | | 826 | 0.34 | 0.52 | | | | | | | | | | | | | | | | |
| | 0015 | 06 | 53 | 33 | 112 | 26 | 02 | 676 | | 825 | 0.39 | 0.52 | | | | | | | | | | | | | | | | |
| | 0020 | 06 | 62 | 33 | 132 | 26 | 02 | 679 | | 825 | 0.37 | 0.51 | | | | | | | | | | | | | | | | |
| | 0030 | 07 | 03 | 33 | 414 | 26 | 19 | 666 | | 824 | 0.31 | 0.50 | | | | | | | | | | | | | | | | |
| | 0040 | 08 | 75 | 34 | 301 | 26 | 63 | 631 | | 822 | 0.35 | 0.46 | | | | | | | | | | | | | | | | |
| | 0050 | 09 | 44 | 34 | 791 | 26 | 90 | 598 | | 822 | 0.39 | 0.52 | | | | | | | | | | | | | | | | |
| | 0060 | 09 | 57 | 35 | 013 | 27 | 06 | 600 | | 822 | 0.39 | 0.54 | | | | | | | | | | | | | | | | |
| | 0075 | 08 | 80 | 35 | 076 | 27 | 24 | 575 | | 820 | 0.56 | 0.66 | | | | | | | | | | | | | | | | |
| | 0100 | 07 | 43 | 35 | 087 | 27 | 45 | 581 | | 816 | 0.64 | 0.77 | | | | | | | | | | | | | | | | |
| | 0150 | 06 | 57 | 35 | 107 | 27 | 58 | 587 | | 827 | 0.80 | 0.84 | | | | | | | | | | | | | | | | |
| | 0200 | 06 | 28 | 35 | 140 | 27 | 65 | 595 | | 819 | 0.75 | 0.85 | | | | | | | | | | | | | | | | |
| | 0300 | 05 | 82 | 35 | 151 | 27 | 72 | 601 | | 819 | 0.78 | 0.85 | | | | | | | | | | | | | | | | |
| | 0400 | 05 | 74 | 35 | 168 | 27 | 74 | 614 | | 819 | 0.72 | 0.87 | | | | | | | | | | | | | | | | |
| | 0500 | 05 | 54 | 35 | 166 | 27 | 76 | 634 | | 819 | 0.78 | 0.82 | | | | | | | | | | | | | | | | |
| | 0600 | 05 | 44 | 35 | 157 | 27 | 77 | 633 | | 819 | 0.80 | 0.81 | | | | | | | | | | | | | | | | |

BT Slide Th 171/876/69

Observer Bladh

13 "Thetis"

77 Sweden

1969

Station

Å 18 B

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice | |
|-------------|-------------|-------|----------|------------|------------------|----------|----------|------------|---------------|-----------------|-----------------|-------------------|-------|---------|-------------|------------|---------|--------------|--------------|-----|---|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | | |
| 5 6 7 8 | 9 10 | 11 12 | 13 14 15 | 16 17 | 18 | 19 20 21 | 22 23 | 24 25 | 26 27 | 28 29 30 31 | 46 47 | 48 49 50 | 51 52 | 53 54 | 55 56 : 57 | 58 59 : 60 | 61 | 62 | 63 | 64 | |
| 0125 | 58 | 16 | 010 | 11 | 0 | 969 | 12 | 09 | 08 | 0470 | 04 | 019 | 23 | 12 | 040 | | | 1 | 6 | 30 | |
| Obs. time | Obs. depth | Temp. | Sal. | σ_t | Oxygen | | pH | | Sal. method | Extra info. | | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | 43 44 45 | 58 : 59 60 | 61 62 63 : 64 | | 77 | 78 | | | | | | | | | |
| 08 | 0000 | 0635 | 33217 | 2612 | 669 | | | | | | | | | | | | | | | 3 | 0 |
| | 0005 | 0627 | 33222 | 2613 | 669 | | | | | | | | | | | | | | | | |
| | 0010 | 0634 | 33210 | 2612 | 681 | | | | | | | | | | | | | | | | |
| | 0015 | 0636 | 33210 | 2612 | 678 | | | | | | | | | | | | | | | | |
| | 0020 | 0665 | 33275 | 2614 | 672 | | | | | | | | | | | | | | | | |
| | 0030 | 0751 | 33741 | 2638 | 645 | | | | | | | | | | | | | | | | |
| | 0040 | 0809 | 34004 | 2650 | 645 | | | | | | | | | | | | | | | | |
| | 0050 | 0884 | 34440 | 2674 | 618 | | | | | | | | | | | | | | | | |
| | 0075 | 0959 | 34962 | 2700 | 604 | | | | | | | | | | | | | | | | |
| | 0100 | 0894 | 34990 | 2714 | 597 | | | | | | | | | | | | | | | | |
| | 0150 | 0780 | 35106 | 2740 | 574 | | | | | | | | | | | | | | | | |
| | 0200 | 0736 | 35171 | 2751 | 569 | | | | | | | | | | | | | | | | |
| | 0300 | 0590 | 35139 | 2769 | 600 | | | | | | | | | | | | | | | | |
| | 0400 | 0573 | 35151 | 2772 | 610 | | | | | | | | | | | | | | | | |
| | 0450 | 0564 | 35155 | 2774 | 613 | | | | | | | | | | | | | | | | |

BT Slide Th 173/876/69
Observer Lagergren

13 "Thetis"

Station

77 Sweden

1969

Å 16

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice |
|-------------|-------------|-------|----------|------------|------------------|----------|----------|-------|--------------|------------------------|-----------------|-------------------|-------|---------|-------------|----------|---------|--------------|--------------|-----|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | |
| 5 6 7 8 | 9 10 | 11 12 | 13 14 15 | 16 17 | 18 | 19 20 21 | 22 23 | 24 25 | 26 27 | 28 29 30 31 | 46 47 | 48 49 50 | 51 52 | 53 54 | 55 56 57 | 58 59 | 60 | 61 62 | 63 | 64 |
| 0127 | 58 | 16 | 010 | 44 | 0 | 969 | 12 | 09 | 12 | 0200 | 02 | 019 | 23 | 22 | 045 | | | 28 | 4 | 0 |
| Obs. time | Obs. depth | Temp. | Sal. | σ_t | | Oxygen | | pH | | | | | | | | | | Sai. method | Extra info. | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | 43 44 45 | 58 | 59 60 | 61 62 63 | 64 | | | | | | | 77 | 78 | |
| 12 | 0000 | 0780 | 34128 | 2664 | | 649 | | | | | | | | | | | | 3 | 0 | |
| | 0005 | 0782 | 34126 | 2664 | | 647 | | | | | | | | | | | | | | |
| | 0010 | 0779 | 34134 | 2665 | | 647 | | | | | | | | | | | | | | |
| | 0015 | 0772 | 34134 | 2666 | | 644 | | | | | | | | | | | | | | |
| | 0020 | 0767 | 34140 | 2668 | | 648 | | | | | | | | | | | | | | |
| | 0030 | 0736 | 34141 | 2671 | | 655 | | | | | | | | | | | | | | |
| | 0040 | 0762 | 34234 | 2674 | | 647 | | | | | | | | | | | | | | |
| | 0050 | 0810 | 34391 | 2680 | | 641 | | | | | | | | | | | | | | |
| | 0075 | 0821 | 34556 | 2691 | | 632 | | | | | | | | | | | | | | |
| | 0100 | 0817 | 34698 | 2703 | | 638 | | | | | | | | | | | | | | |
| | 0150 | 0836 | 35012 | 2725 | | 597 | | | | | | | | | | | | | | |
| | 0190 | 0738 | 35151 | 2750 | | 576 | | | | | | | | | | | | | | |
| | | | | | | | | | | BT Slide Th 175/876/69 | | | | | | | | | | |
| | | | | | | | | | | Observer Lagergren | | | | | | | | | | |
| | | | | | | | | | | N 58° 16' | | | | | | | | | | |
| | | | | | | | | | | E 10° 43.5' | | | | | | | | | | |

13 "Thetis"

77 Sweden

1969

Station

A 14

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | | Weather | Cloud amount | State of sea | Ice | | |
|-------------|-------------|-------|-------|-------|------------------|--------|----------|-----|--------------|-----------------|-----------------|-------------------|------|---------|-------------|----------|-------|-------|---------|--------------|--------------|-----|-------------|-------------|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | 51 52 | 53 54 | | | | | 55 56 | 57 58 |
| 0129 | 58 | 19 | 010 | 57 | 0 | 969 | 12 | 09 | 14 | 0110 | 01 | 005 | 23 | 26 | 045 | | | | | | 2 | 84 | 0 | |
| Obs. time | Obs. depth | Temp. | | Sal. | σ _t | Oxygen | | pH | | | | | | | | | | | | | | | Sol. method | Extra info. |
| | | | | | | ml/l | % | | | | | | | | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | 43 44 45 | 58 | 59 60 | 61 62 63 | 64 | | | | | | | | | | | | 77 | 78 |
| 14 | 0000 | 0693 | 33360 | 2616 | 674 | | | | | | | | | | | | | | | | | | 3 | 0 |
| | 0005 | 0688 | 33368 | 2618 | 667 | | | | | | | | | | | | | | | | | | | |
| | 0010 | 0701 | 33396 | 2618 | 664 | | | | | | | | | | | | | | | | | | | |
| | 0015 | 0780 | 33683 | 2629 | 649 | | | | | | | | | | | | | | | | | | | |
| | 0020 | 0790 | 33732 | 2631 | 649 | | | | | | | | | | | | | | | | | | | |
| | 0030 | 0858 | 33976 | 2640 | 632 | | | | | | | | | | | | | | | | | | | |
| | 0040 | 0848 | 34197 | 2660 | 655 | | | | | | | | | | | | | | | | | | | |
| | 0050 | 0826 | 34290 | 2670 | 629 | | | | | | | | | | | | | | | | | | | |
| | 0075 | 0864 | 34638 | 2685 | 620 | | | | | | | | | | | | | | | | | | | |
| | 0100 | 0897 | 34826 | 2700 | 601 | | | | | | | | | | | | | | | | | | | |

BT Slide Th 177/11600/69
 Observer Bladh
 N 58° 19'
 E 10° 56.5'

13 "Thetis"

77 Sweden

1969

Station

Å 11

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | | Weather | Cloud amount | State of sea | Ice | |
|-------------|-------------|-------|-------|-------|------------------|--------|----------|-----|--------------|-----------------|-----------------|-------------------|------|---------|-------------|----------|-------|-------|---------|--------------|--------------|-----|-------|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | 51 52 | 53 54 | | | | | 55 56 |
| 0132 | 58 | 20 | 011 | 10 | 0 | 969 | 12 | 09 | 16 | 0052 | 00 | 014 | 23 | 22 | 045 | | | | | | 28 | 4 | 0 |
| Obs. time | Obs. depth | Temp. | | Sal. | σ_t | Oxygen | | pH | | Sal. method | Extra info. | | | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | 43 44 45 | 56 | 59 60 | | | 61 62 63 | 64 | 77 | 78 | | | | | | | | |
| 16 | 0000 | 0454 | 28096 | 2230 | 733 | | | | | | | | | | | | | | | | | 3 | 0 |
| | 0005 | 0449 | 28105 | 2230 | 730 | | | | | | | | | | | | | | | | | | |
| | 0010 | 0444 | 28133 | 2232 | 732 | | | | | | | | | | | | | | | | | | |
| | 0015 | 0429 | 28217 | 2240 | 738 | | | | | | | | | | | | | | | | | | |
| | 0020 | 0595 | 30400 | 2395 | 680 | | | | | | | | | | | | | | | | | | |
| | 0030 | 0607 | 31924 | 2513 | 674 | | | | | | | | | | | | | | | | | | |
| | 0040 | 0697 | 32512 | 2549 | 653 | | | | | | | | | | | | | | | | | | |
| | 0045 | 0704 | 32579 | 2554 | 655 | | | | | | | | | | | | | | | | | | |

BT Slide Th 180/358/69

Observer Bladh

N 58° 20.2'

E 11° 09.5'

13 "Thetis"

77 Sweden

1969

Station

Fj. 61 Åbyfjorden

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | | Weather | Cloud amount | State of sea | Ice | |
|-------------|-------------|-------|-------|-------|------------------|--------|----------|-----|--------------|------------------------------|-----------------|-------------------|----------|---------|-------------|----------|-------|-------|---------|--------------|--------------|-----|-------|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | 51 52 | 53 54 | | | | | 55 56 |
| 0133 | 58 | 22 | 011 | 23 | 0 | 969 | 12 | 10 | 08 | 0028 | 00 | 019 | 23 | 22 | 035 | | | | | | 58 | 2 | 0 |
| Obs. time | Obs. depth | Temp. | | Sal. | σ_t | Oxygen | | pH | | PO ₄ -P µgat/l | Sal. method | Extra info. | | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | 43 44 45 | 56 | 59 60 | | | | 61 62 63 | 64 | 77 | 78 | | | | | | | |
| 08 | 0000 | 0287 | 28045 | 2240 | 766 | | | | | 842 | 0.46 | | | | | | | | | | | 3 | 3 |
| | 0005 | 0285 | 28060 | 2241 | 766 | | | | | 822 | 0.46 | | | | | | | | | | | | |
| | 0010 | 0277 | 28073 | 2242 | 760 | | | | | 820 | 0.45 | | | | | | | | | | | | |
| | 0015 | 0277 | 28079 | 2243 | 768 | | | | | 825 | 0.47 | | | | | | | | | | | | |
| | 0020 | 0269 | 28212 | 2253 | 760 | | | | | 820 | 0.48 | | | | | | | | | | | | |
| | 0025 | 0298 | 28674 | 2287 | 720 | | | | | 818 | 0.48 | | | | | | | | | | | | |

BT Slide Th 181/358/69

Observer Lagergren

N 58° 22.4'

E 11° 22.7'

13 "Thetis"

77 Sweden

1969

Station

Fj. 42 Koljöfjordå

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice | | |
|-------------|-------------|-------|----------|-------|------------------|----------|----------|-------|------------------------------|-----------------|-----------------|------------------------|-------|---------|-------------|----------|---------|--------------|--------------|-----|----|----|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | | | |
| 5 6 7 8 | 9 10 | 11 12 | 13 14 15 | 16 17 | 18 | 19 20 21 | 22 23 | 24 25 | 26 27 | 28 29 30 31 | 46 47 | 48 49 50 | 51 52 | 53 54 | 55 56 | 57 | 58 59 | 60 | 61 | 62 | 63 | 64 |
| 0136 | 58 | 14 | 011 | 35 | 0 | 969 | 12 | 10 | 11 | 0042 | 00 | 008 | 23 | 16 | 020 | | | | 2 | 8 | 20 | |
| Obs. time | Obs. depth | Temp. | | Sol. | σ_t | Oxygen | | pH | PO ₄ -P µgat/l | Tot.P µgat/l | Sal. method | Extra info. | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | 43 44 45 | | | | | | 58 | 59 60 | 61 62 63 | 64 | 77 | 78 | | | | |
| 11 | 0000 | 0270 | 25688 | 2052 | 727 | | | 812 | 0.86 | 1.04 | | 3 | 3 | | | | | | | | | |
| | 0005 | 0271 | 25649 | 2049 | 715 | | | 816 | 0.79 | 1.03 | | | | | | | | | | | | |
| | 0010 | 0581 | 26331 | 2078 | 594 | | | 810 | 0.84 | 2.10 | | | | | | | | | | | | |
| | 0015 | 0717 | 27064 | 2119 | 450 | | | 798 | 1.06 | 1.25 | | | | | | | | | | | | |
| | 0020 | 0707 | 27324 | 2142 | 387 | | | 789 | 1.29 | 1.43 | | | | | | | | | | | | |
| | 0025 | 0709 | 27741 | 2174 | 267 | | | 774 | 1.61 | 1.92 | | | | | | | | | | | | |
| | 0030 | 0602 | 28548 | 2250 | 013 | | | 746 | 3.01 | 3.27 | | | | | | | | | | | | |
| | 0035 | 0584 | 28662 | 2260 | 011 | | | 746 | 3.22 | 3.55 | | | | | | | | | | | | |
| | 0040 | 0577 | 28720 | 2266 | 010 | | | 748 | 3.41 | 3.80 | | | | | | | | | | | | |
| | | | | | | | | | | | | BT Slide Th 184/358/69 | | | | | | | | | | |
| | | | | | | | | | | | | Observer Bladh | | | | | | | | | | |
| | | | | | | | | | | | | N 58° 13.83' | | | | | | | | | | |
| | | | | | | | | | | | | E 11° 34.8' | | | | | | | | | | |

13 "Thetis"

77 Sweden

1969

Station

Fj 44 Kalvöfjord

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | | Weather | Cloud amount | State of sea | Ice | |
|-------------|-------------|-------|-------|-------|------------------|--------|----------|-----|--------------------|------------------|-----------------|-------------------|------------------------|---------|-------------|----------|--|--|---------|--------------|--------------|-----|--|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | | | | |
| 0138 | 58 | 17 | 011 | 41 | 0 | 969 | 12 | 10 | 13 | 0057 | 01 | 012 | 23 | 14 | 015 | | | | | 2 | 82 | 0 | |
| Obs. time | Obs. depth | Temp. | | Sal. | σ_t | Oxygen | | pH | PO ₄ -P | H ₂ S | Sal. method | Extra info. | | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | 43 44 45 | | 58 | 59 60 | | | 61 62 63 | 64 | 77 | 78 | | | | | | | |
| 13 | 0000 | 0294 | 25666 | 2049 | 709 | | | | 810 | 0.38 | | 3 | 3 | | | | | | | | | | |
| | 0005 | 0301 | 25661 | 2047 | 695 | | | | 812 | 0.08 | | | | | | | | | | | | | |
| | 0010 | 0315 | 25721 | 2051 | 687 | | | | 815 | 0.27 | | | | | | | | | | | | | |
| | 0015 | 0480 | 26521 | 2102 | 611 | | | | 810 | 0.18 | | | | | | | | | | | | | |
| | 0020 | 0598 | 27106 | 2137 | 559 | | | | 808 | 0.61 | | | | | | | | | | | | | |
| | 0030 | 0607 | 28674 | 2258 | 033 | | | | 748 | 1.11 | 0 | | | | | | | | | | | | |
| | 0040 | 0580 | 28714 | 2264 | 043 | | | | 746 | 1.56 | 0 | | | | | | | | | | | | |
| | 0050 | 0537 | 28868 | 2281 | 012 | | | | 749 | 1.91 | 0 | | | | | | | | | | | | |
| | 0055 | 0532 | 28899 | 2284 | 014 | | | | 749 | 2.11 | 0 | | | | | | | | | | | | |
| | | | | | | | | | | | | | BT Slide Th 186/358/69 | | | | | | | | | | |
| | | | | | | | | | | | | | Observer Bladh | | | | | | | | | | |
| | | | | | | | | | | | | | N 58°17.07' | | | | | | | | | | |
| | | | | | | | | | | | | | E 11°40.8' | | | | | | | | | | |

13 "Thetis"

77 Sweden

1969

Station

Fj 46 Havstensfjord

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | | Weather | Cloud amount | State of sea | Ice | |
|-------------|-------------|-------|-------|-------|------------------|--------|----------|-----|--------------------|-----------------|------------------|-------------------|------------------------|---------|-------------|----------|--|--|---------|--------------|--------------|-----|--|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | | | | |
| 0139 | 58 | 19 | 011 | 46 | 0 | 969 | 12 | 10 | 13 | 0042 | 00 | 006 | 25 | 12 | 030 | | | | | 5 | 82 | 0 | |
| Obs. time | Obs. depth | Temp. | | Sal. | σ_t | Oxygen | | pH | PO ₄ -P | Tot.P | H ₂ S | Sal. method | Extra info. | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | 43 44 45 | | 58 | 59 60 | 61 62 63 | | | 64 | 77 | 78 | | | | | | | |
| 13 | 0000 | 0161 | 25090 | 2011 | 748 | | | | 814 | 0.00 | 1.18 | | 3 | 3 | | | | | | | | | |
| | 0005 | 0236 | 25366 | 2028 | 731 | | | | 815 | 0.04 | 1.13 | | | | | | | | | | | | |
| | 0010 | 0699 | 27605 | 2165 | 547 | | | | 809 | 0.00 | 1.05 | | | | | | | | | | | | |
| | 0015 | 0919 | 29177 | 2257 | 259 | | | | 794 | 0.95 | 1.55 | | | | | | | | | | | | |
| | 0020 | 0979 | 30080 | 2318 | 242 | | | | 784 | 1.80 | 2.11 | | | | | | | | | | | | |
| | 0030 | 0743 | 32862 | 2570 | 010 | | | | 760 | 10.10 | 9.20 | 0 | | | | | | | | | | | |
| | 0037 | 0632 | 33252 | 2616 | 009 | | | | 764 | 21.30 | 19.40 | 0 | | | | | | | | | | | |
| | | | | | | | | | | | | | BT Slide Th 187/358/69 | | | | | | | | | | |
| | | | | | | | | | | | | | Observer Lagergren | | | | | | | | | | |
| | | | | | | | | | | | | | N 58°18.75' | | | | | | | | | | |
| | | | | | | | | | | | | | E 11°46.4' | | | | | | | | | | |

13 "Thetis"

77 Sweden

1969

Station

Fj 49 a Dokorsviken

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | | Weather | Cloud amount | State of sea | Ice | | | | | | | | |
|-------------|-------------|-------------|----------------|------------|------------------|----------|-------------|--------------------|--------------|------------------------|-----------------|-------------------|------|---------|-------------|----------|----|----|---------|--------------|--------------|-----|----|----|----|----|----|----|----|----|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | 51 | 52 | | | | | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| 0142 | 58 | 11 | 011 | 51 | 0 | 969 | 12 | 11 | 08 | 0025 | 00 | 010 | 16 | 18 | | | | | | | | | 2 | 8 | 2 | 0 | | | | |
| Obs. time | Obs. depth | Temp. | Sal. | σ_t | Oxygen | | pH | PO ₄ -P | Sal. method | Extra info. | | | | | | | | | | | | | | | | | | | | |
| | | | | | ml/l | % | | $\mu\text{gat/l}$ | | | | | | | | | | | | | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 34 35 | 36 37 38 39 40 | 41 42 | 43 44 45 | 58 59 60 | 61 62 63 64 | | 77 | 78 | | | | | | | | | | | | | | | | | | | | |
| 08 | 0000 | 0408 | 27914 | 2219 | 681 | | | 824 | 0.39 | | | | | | | | | | | | | | | | | | 3 | 3 | | |
| | 0005 | 0416 | 27919 | 2218 | 676 | | | 825 | 0.56 | | | | | | | | | | | | | | | | | | | | | |
| | 0010 | 0410 | 27958 | 2222 | 673 | | | 826 | 0.39 | | | | | | | | | | | | | | | | | | | | | |
| | 0015 | 0445 | 28055 | 2227 | 655 | | | 823 | 0.44 | | | | | | | | | | | | | | | | | | | | | |
| | 0020 | 0502 | 28212 | 2234 | 630 | | | 824 | 0.56 | | | | | | | | | | | | | | | | | | | | | |
| | 0023 | 0625 | 28937 | 2278 | 545 | | | 816 | 0.69 | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | BT Slide Th 190/358/69 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | Observer Bladh | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | N 58° 11' | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | E 11° 51.04' | | | | | | | | | | | | | | | | | | | | |

13 "Thetis"

77 Sweden

1969

Station

Fj 50 Halsanabbe

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | | Weather | Cloud amount | State of sea | Ice | | | | | | | | | | | |
|-------------|-------------|-------------|----------------|------------|------------------|----------|-------------|--------------------|--------------|------------------------|-----------------|-------------------|------|---------|-------------|----------|----|----|---------|--------------|--------------|-----|----|----|----|----|----|----|----|----|----|----|----|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | 51 | 52 | | | | | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 |
| 0143 | 58 | 08 | 011 | 50 | 0 | 969 | 12 | 11 | 09 | 0040 | 00 | 010 | 16 | 16 | 000 | | | | | | | | | | | | | 27 | 2 | 0 | | | |
| Obs. time | Obs. depth | Temp. | Sal. | σ_t | Oxygen | | pH | PO ₄ -P | Sal. method | Extra info. | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | ml/l | % | | $\mu\text{gat/l}$ | | | Tot.P | $\mu\text{gat/l}$ | | | | | | | | | | | | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 34 35 | 36 37 38 39 40 | 41 42 | 43 44 45 | 58 59 60 | 61 62 63 64 | | 77 | 78 | | | | | | | | | | | | | | | | | | | | | | | |
| 09 | 0000 | 0307 | 27525 | 2197 | 724 | | | 825 | 0.57 | 0.85 | | | | | | | | | | | | | | | | | | | | 3 | 3 | | |
| | 0005 | 0312 | 27515 | 2195 | 731 | | | 830 | 0.60 | 0.85 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0010 | 0305 | 27525 | 2197 | 729 | | | 828 | 0.57 | 0.73 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0015 | 0326 | 27534 | 2204 | 716 | | | 827 | 0.64 | 0.70 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0020 | 0392 | 27907 | 2220 | 683 | | | 825 | 0.69 | 0.87 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0030 | 0447 | 28204 | 2237 | 646 | | | 822 | 0.81 | 1.00 | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | BT Slide Th 191/358/69 | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | Observer Lagergren | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | N 58° 07.82' | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | E 11° 50.23' | | | | | | | | | | | | | | | | | | | | | | | |

13 "Thetis"

77 Sweden

1969

Station

Fj 53 Åstol

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | | Weather | Cloud amount | State of sea | Ice | |
|-------------|-------------|-------|-------|------------|------------------|-------|-----|--------------------|--------------|-----------------|-----------------|------------------------|----------|---------|-------------|----------|-------|-------|---------|--------------|--------------|-----|-------|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | 51 52 | 53 54 | | | | | 55 56 |
| 0146 | 57 | 55 | 011 | 36 | 0 | 969 | 12 | 11 | 11 | 0060 | 00 | 017 | 18 | 18 | 005 | | | | | | 2 | 83 | 0 |
| Obs. time | Obs. depth | Temp. | Sal. | σ_t | Oxygen | | pH | PO ₄ -P | | Sal. method | Extra info. | | | | | | | | | | | | |
| 26 27 | 28 29 30 31 | 32 33 | 34 35 | 36 37 | 38 39 40 | 41 42 | | 43 44 45 | 58 | | | 59 60 | 61 62 63 | 64 | µgat/l | 77 78 | | | | | | | |
| 11 | 0000 | 0237 | 23694 | 1894 | 809 | | | | | | | 826 | 0.40 | | | | | | | | | | 33 |
| | 0005 | 0271 | 24546 | 1962 | 789 | | | | | | | 826 | 0.44 | | | | | | | | | | |
| | 0010 | 0267 | 25756 | 2058 | 783 | | | | | | | 826 | 0.48 | | | | | | | | | | |
| | 0015 | 0270 | 26007 | 2078 | 757 | | | | | | | 827 | 0.46 | | | | | | | | | | |
| | 0020 | 0600 | 30451 | 2398 | 667 | | | | | | | 827 | 0.44 | | | | | | | | | | |
| | 0030 | 0653 | 32037 | 2517 | 660 | | | | | | | 827 | 0.36 | | | | | | | | | | |
| | 0040 | 0706 | 32475 | 2546 | 644 | | | | | | | 827 | 0.42 | | | | | | | | | | |
| | 0050 | 0723 | 32568 | 2550 | 637 | | | | | | | 827 | 0.42 | | | | | | | | | | |
| | | | | | | | | | | | | BT Slide Th 194/358/69 | | | | | | | | | | | |
| | | | | | | | | | | | | Observer Bladh | | | | | | | | | | | |
| | | | | | | | | | | | | N 57°55.18' | | | | | | | | | | | |
| | | | | | | | | | | | | E 11°35.6' | | | | | | | | | | | |

13 "Thetis"

Station

77 Sweden

1969

Alsäck

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|------------|-------|-------|------------|------------------|------|-----|--------------------|---------------------------------|---------------------------------|---------------------------------|-------------------|------|---------|-------------|----------|---------|--------------|--------------|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 |
| 0148 | 58 | 19 | 011 | 33 | 0 | 969 | 12 | 12 | 07 | 0114 | 01 | 018 | 25 | 04 | 020 | | | 2 | 81 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Obs. time | Obs. depth | Temp. | Sal. | σ_t | Oxygen | | pH | PO ₄ -P | TotP | SiO ₂ | Sal. method | Extra info. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | 27 | 28 | 29 | 30 | 31 | 32 | | 33 | 34 | 35 | | | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 77 | 78 | | | | | | | | | | | | | | |
| 08 | 0000 | 0331 | 23554 | 1878 | 802 | | | 827 | 0.44 | 0.66 | 25.10 | 3 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0005 | 0331 | 27487 | 2191 | 757 | | | 826 | 0.40 | 0.64 | 10.99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0010 | 0334 | 27637 | 2203 | 755 | | | 826 | 0.45 | 0.65 | 9.52 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0015 | 0327 | 27815 | 2218 | 757 | | | 827 | 0.45 | 0.59 | 13.77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0020 | 0338 | 28131 | 2242 | 730 | | | 826 | 0.44 | 0.90 | 14.70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0030 | 0754 | 30824 | 2408 | 601 | | | 821 | 0.52 | 0.99 | 16.06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0040 | 0968 | 32602 | 2516 | 521 | | | 818 | 0.53 | 0.64 | 14.45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 07 | 0050 | 0961 | 33046 | 2552 | 519 | | | 819 | 0.54 | 0.60 | 10.64 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0060 | 0742 | 34245 | 2680 | 3 | | | 804 | 1.19 | 1.41 | 22.41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0070 | 0621 | 34578 | 2720 | 320 | | | 797 | 1.50 | - | 21.04 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0080 | 0599 | 34531 | 2720 | 305 | | | 802 | 1.74 | - | 25.88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0090 | 0589 | 34508 | 2720 | 284 | | | 792 | 1.86 | 1.95 | 31.79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0100 | 0587 | 34519 | 2720 | 268 | | | | 2.06 | 2.23 | 35.60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0110 | 0584 | 34531 | 2722 | 212 | | | 783 | 2.72 | - | 41.21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | NO ₃ ⁻ -N | NO ₂ ⁻ -N | NH ₄ ⁺ -N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | µgat/l | µgat/l | µgat/l | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 08 | 0000 | | | | | | | | 16.95 | 0.15 | 0.50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0005 | | | | | | | | 7.94 | 0.09 | 0.43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0010 | | | | | | | | 7.68 | 0.09 | 0.37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0015 | | | | | | | | 7.97 | 0.10 | 0.62 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0020 | | | | | | | | 8.69 | 0.14 | 0.80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0030 | | | | | | | | 7.94 | 0.21 | 0.47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0040 | | | | | | | | 11.45 | 0.02 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 07 | 0050 | | | | | | | | 9.93 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0060 | | | | | | | | 16.03 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0070 | | | | | | | | 17.59 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0080 | | | | | | | | 15.01 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0090 | | | | | | | | 18.66 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0100 | | | | | | | | 19.10 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0110 | | | | | | | | 14.57 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

BT Slide Th 196/11600/69

Observer Bladh

N 58° 19.17'

E 11° 32.6'

13 "Thetis"

Station

77 Sweden

1969

Ormestad

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | Weather | Cloud amount | State of sea | Ice | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|------------|------|-------|------|------------------|------------|-----|--------|--------------|-----------------|---|---|---|-------------|-------------|----------|---------|--------------|--------------|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5 | 6 | 7 | 8 | | 9 | 10 | 11 | | | | | 12 | 13 | 14 | 15 | | | | | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 |
| 0150 | 58 | 22 | 011 | 36 | 0 | 969 | 12 | 12 | 09 | 0088 | 01 | 015 | 00 | 00 | 020 | | | | 28 | 9 | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Obs. time | Obs. depth | | Temp. | | Sal. | σ_t | | Oxygen | | pH | PO ₄ -P μgat/l | TotP μgat/l | SiO ₂ μgat/l | Sal. method | Extra info. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | | | | | | | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 77 | 78 | | | | | | | | | | | |
| 09 | 0000 | 0178 | 05765 | 0463 | 945 | | | | | 793 | 0.11 | 0.83 | 49.76 | 3 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0005 | 0328 | 27314 | 2177 | 763 | | | | | 826 | 0.40 | 0.82 | 10.16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0010 | 0327 | 27583 | 2199 | 763 | | | | | 827 | 0.53 | 1.06 | 8.98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0015 | 0328 | 27699 | 2208 | 753 | | | | | 827 | 0.40 | 0.89 | 9.86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0020 | 0308 | 27870 | 2223 | 740 | | | | | 827 | 0.46 | 0.85 | 7.47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0030 | 0745 | 30859 | 2414 | 609 | | | | | 822 | 0.52 | 0.69 | 8.64 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0040 | 0973 | 32691 | 2520 | 504 | | | | | 818 | 0.54 | 0.76 | 11.43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0050 | 0978 | 33141 | 2557 | 489 | | | | | 819 | 0.54 | 0.75 | 11.57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0060 | 0698 | 34277 | 2696 | 364 | | | | | 805 | 1.22 | 1.36 | 23.63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0070 | 0611 | 34482 | 2715 | 306 | | | | | 801 | 1.70 | -- | 30.32 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0080 | 0595 | 34499 | 2718 | 289 | | | | | 793 | 1.87 | 1.98 | 28.86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | NO ₃ ⁻ -N μgat/l | NO ₂ ⁻ -N μgat/l | NH ₄ ⁺ -N μgat/l | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0000 | | | | | | | | | | 50.30 | 0.31 | 0.74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0005 | | | | | | | | | | 18.21 | 0.10 | 0.67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0010 | | | | | | | | | | 7.31 | 0.09 | 0.48 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0015 | | | | | | | | | | 6.66 | 0.10 | 0.48 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0020 | | | | | | | | | | 6.27 | 0.11 | 0.33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0030 | | | | | | | | | | 9.16 | 0.18 | 0.54 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0040 | | | | | | | | | | 10.60 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0050 | | | | | | | | | | 9.43 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0060 | | | | | | | | | | 11.71 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0070 | | | | | | | | | | 14.89 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0080 | | | | | | | | | | 17.09 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | ET Slide Th 198/11600/69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | Observer Bladh | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | N 58°21.6' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | E 11° 35.5' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

13 "Thetis"

Station

77 Sweden

1969

Smedjepricken

Hydro Depth Observations (Code 03)

| Station No. | Lat. | | Long. | | N S E W | Date | | | Station time | Depth to bottom | Max. obs. depth | Mixed layer depth | Wind | | Temperature | | | | Weather | Cloud amount | State of sea | Ice | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|------|----|-------|----|------------------|------|-----|-----|--------------|-----------------|-----------------|-------------------|------|---------|-------------|----------|----|----|---------|--------------|--------------|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | ° | ' | ° | ' | | Year | Mo. | Day | | | | | Dir. | Sp. kn. | Dry bulb | Wet bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5 | 6 | 7 | 8 | | 9 | 10 | 11 | | | | | 12 | 13 | 14 | 15 | 16 | 17 | | | | | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 |
| 0152 | 58 | 16 | 011 | 22 | 0 | 969 | 12 | 12 | 12 | 0050 | 00 | 016 | 14 | 10 | 010 | | | | | | | | | | 27 | 2 | 0 | | | | | | | | | | | | | | | | | | |

| Obs. time | Obs. depth | Temp. | Sal. | σ _t | Oxygen | | pH | PO ₄ -P µgat/l | TotP µgat/l | SiO ₂ µgat/l | Sci. method | Extra info. | | | | | | | | | | | | | | |
|------------------------|------------|-------|-------|----------------|--------|----|------|------------------------------|----------------|----------------------------|-------------|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | | | | | ml/l | % | | | | | | | | | | | | | | | | | | | | |
| | | | | | 26 | 27 | | | | | | | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 |
| 12 | 0000 | 0353 | 26591 | 2117 | 772 | | | | | | | | | | | | | | | | | | | | | |
| | 0005 | 0353 | 26852 | 2138 | 681 | | | | | | | | | | | | | | | | | | | | | |
| | 0010 | 0344 | 27234 | 2170 | 773 | | | | | | | | | | | | | | | | | | | | | |
| | 0015 | 0361 | 27806 | 2214 | 746 | | | | | | | | | | | | | | | | | | | | | |
| | 0020 | 0639 | 31064 | 2442 | 656 | | | | | | | | | | | | | | | | | | | | | |
| | 0030 | 0646 | 32221 | 2532 | 658 | | | | | | | | | | | | | | | | | | | | | |
| | 0040 | 0646 | 32579 | 2560 | 667 | | | | | | | | | | | | | | | | | | | | | |
| | 0045 | 0653 | 32688 | 2568 | 663 | | | | | | | | | | | | | | | | | | | | | |
| | 0000 | | | | | | 5.21 | 0.07 | 2.37 | | | | | | | | | | | | | | | | | |
| | 0005 | | | | | | 6.15 | 0.08 | 2.73 | | | | | | | | | | | | | | | | | |
| | 0010 | | | | | | 6.29 | 0.09 | 2.87 | | | | | | | | | | | | | | | | | |
| | 0015 | | | | | | 7.06 | 0.09 | 2.43 | | | | | | | | | | | | | | | | | |
| | 0020 | | | | | | 7.42 | 0.37 | 3.89 | | | | | | | | | | | | | | | | | |
| | 0030 | | | | | | 6.76 | 0.55 | 4.23 | | | | | | | | | | | | | | | | | |
| | 0040 | | | | | | 4.30 | 0.66 | 3.30 | | | | | | | | | | | | | | | | | |
| | 0045 | | | | | | 4.44 | 0.73 | 3.97 | | | | | | | | | | | | | | | | | |
| BT Slide Th 200/358/69 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Observer Bladh | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N 58° 15.85' | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E 11° 22.35' | | | | | | | | | | | | | | | | | | | | | | | | | | |

