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GÖTEBORGS UNIVERSITET

FISKERIINTENDENTEN
I VÄSTERHAVETS DISTRIKT
GÖTEBORG

Ödsmål, Kville sn, Bohuslän

Hällristning
Fiskare från
bronsåldern

Rock carving
Bronze age
fishermen

MEDDELANDE från HAVSFISKELABORATORIET • LYSEKIL

nr 63

Hydrografiska avdelningen, Göteborg

Hydrographical Data

January - June 1968

R.V. Skagerak

R.V. Thetis

March 1969.

Dear Sirs,

We have the honour to send you our Hydrographical Data. If you are interested in receiving it in the future please return this acknowledgement.

FISHERY BOARD OF SWEDEN
Hydrographic Department

FISHERY BOARD OF SWEDEN
Hydrographic Department
Box 4031
400 40 Göteborg 4 - SWEDEN

We have received
MEDDELANDE från HAVSFISKELABORATORIET
No. 63

Name.....
Address.....
.....
.....

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 11 in col. 50.

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

53-54. Wind Speed, given in knots.

55-57. Temperature. Dry bulb)
58-60. Temperature. Wet bulb)

Readings, in degrees centigrade to the 1st decimal place, of the dry and wet bulb thermometer respectively. Negative temperatures will be indicated by means of an overpunch 11 in the columns 55 and 58 respectively. The case of ice on the wet bulb will not be indicated.

61. Weather. According to the following code:

0 - Clear (no cloud at any level)
1 - Partly cloudy (scattered or broken)
2 - Continuous layer(s) of cloud(s)
3 - Sandstorm, duststorm or storm of drifting snow
4 - Fog, thick dust or haze
5 - Drizzle
6 - Rain
7 - Snow, or rain and snow mixed
8 - Shower(s)
9 - Not observed.

Note. Code figure 2 is used when the total amount of clouds is 7/8 or more.

62. Cloud Amount. The fraction of the celestial dome covered by cloud, to be given in eights:

0 - No clouds
1 - 1/8 or less, but not zero
2 - 2/8
3 - 3/8
4 - 4/8
5 - 5/8
6 - 6/8
7 - 7/8 or more, but not 8/8
8 - 8/8
9 - Not observed.

63. State of Sea.

Code figure	Descriptive terms	Height *) in metres	Height *) in feet (appr.)
0 -	Calm (glassy)	0	0
1 -	Calm (rippled)	0 -0.1	0 - 1/3
2 -	Smooth (wavelets)	0.1 -0.5	1/3 - 1 2/3
3 -	Slight	0.5 -1.25	1 2/3 - 4
4 -	Moderate	1.25 -2.5	4 - 8
5 -	Rough	2.5 -4	8 -13
6 -	Very rough	4 -6	13 -20
7 -	High	6 -9	20 -30
8 -	Very high	9 -14	30 -45
9 -	Not observed.		

*) The average wave height as obtained from the larger wellformed waves of the wave system being observed.

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 ≥ 10.00 cm^3/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.

77. Method used for determination of salinity, according to the following code:

1 - Titration by routine Mohr-Knudsen method

2 - Titration by special precision method

3 - Conductivity measurement by instrument designed to give the salinity permille with a standard deviation of 0.01 or less

4 - Conductivity measurement by instrument designed to give the salinity permille with a standard deviation greater than 0.01

5 - Refraction index measurement

6 - Direct density measurement.

78. Extra Information. Here is indicated whether or not other information than that given in the foregoing columns exists for the depth in question. The following code is used:

0 - No further information

1 - Further information other than chemical

2 - Further information plus chemical results

3 - Chemical results only, not covered by 4-9

4 - Phosphate only

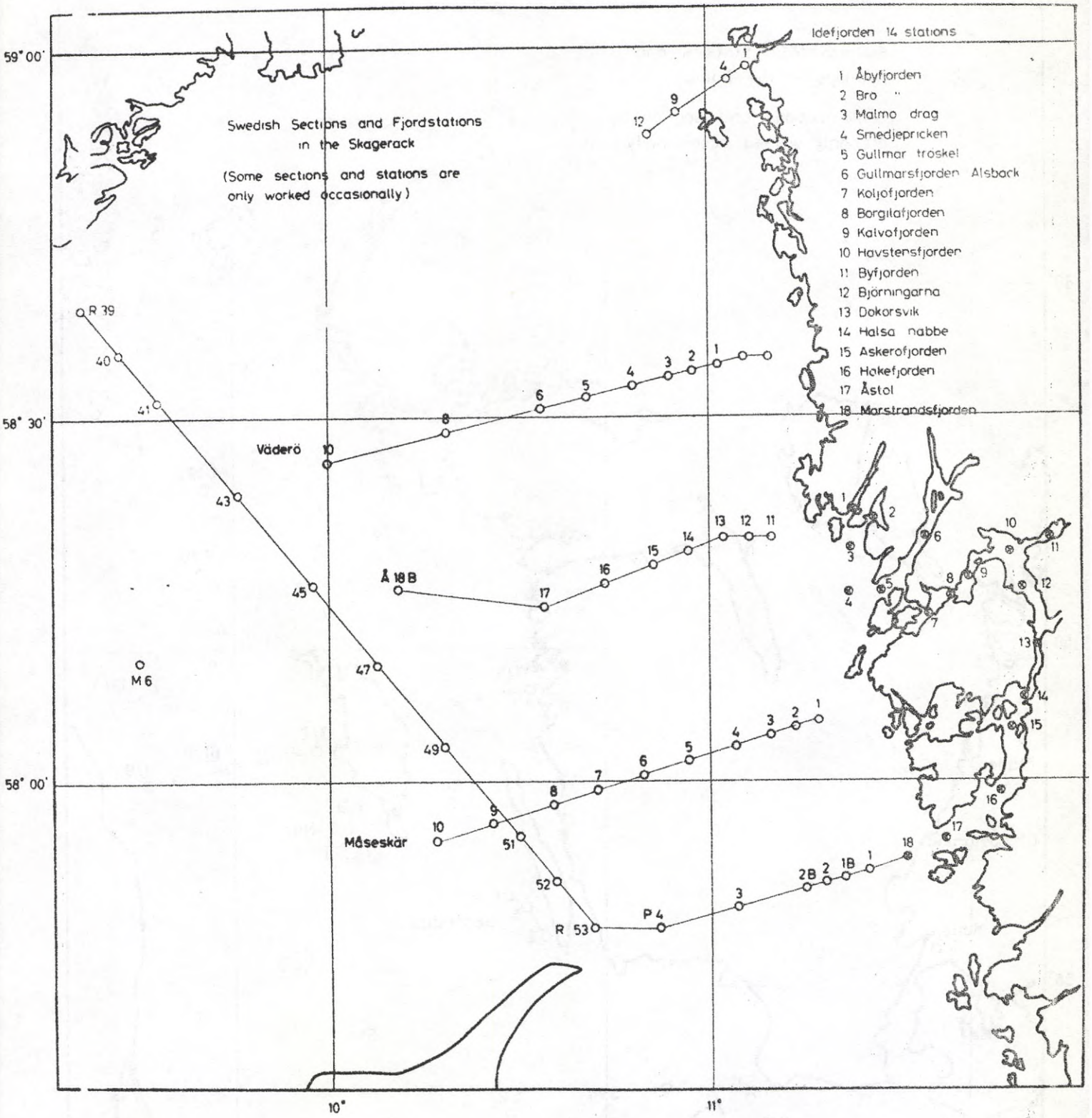
5 - Phosphate and silicate only

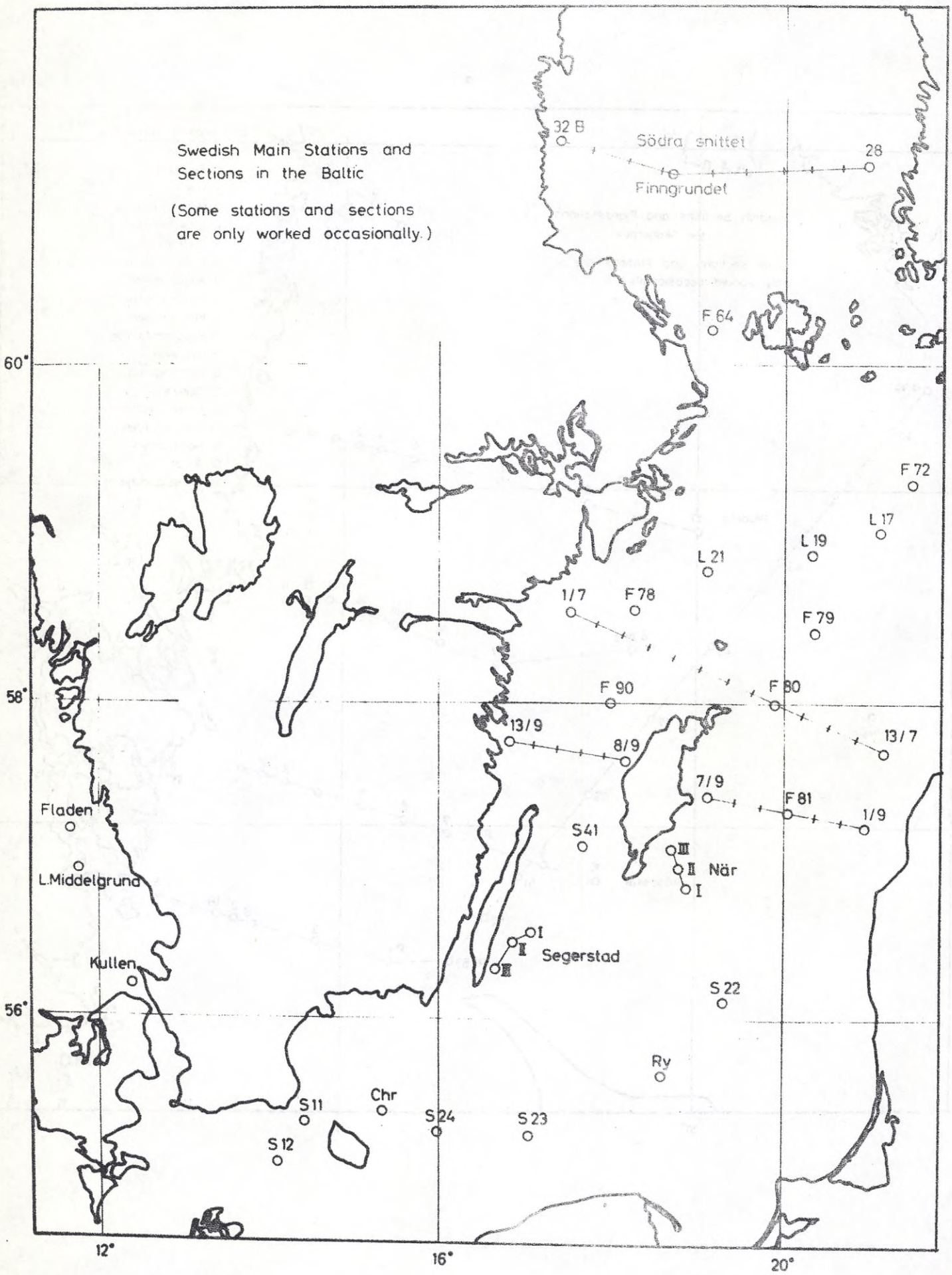
6 - Phosphate and nitrate and/or nitrite only

7 - Phosphate, silicate and nitrate and/or nitrite only

8 - Total phosphorus only

9 - Total phosphorus and silicate only.


Swedish Sections and Fjordstations
in the Skagerack
(Some sections and stations are
only worked occasionally)
Idefjorden 14 stations
1 Åbyfjorden
2 Bro "
3 Malmo drag
4 Smedjepricken
5 Gullmar troskel
6 Gullmarsfjorden Alsback
7 Koljofjorden
8 Borgilafjorden
9 Kalvofjorden
10 Havstensfjorden
11 Byfjorden
12 Björningarna
13 Dokorsvik
14 Halsa nabbe
15 Askerofjorden
16 Hakefjorden
17 Åstol
18 Marstrandsfjorden
59° 00'
58° 30'
58° 00'
10°
11°
Väderö
Å 18 B
Måseskär
M 6
R 39
R 53
P 4


Swedish Main Stations and
Sections in the Baltic
(Some stations and sections
are only worked occasionally.)
32 B
Södra snittet
28
Finngrundet
F 64
60°
F 72
L 17
L 19
L 21
1/7
F 78
F 79
58°
F 90
F 80
13/9
8/9
13/7
7/9
F 81
1/9
Fladen
S 41
III
II
I
När
L.Middelgrund
I
II
III
Segerstad
Kullen
S 22
56°
Ry
Chr
S 11
S 24
S 23
S 12
12°
16°
20°

11 "Skagerak"

77 Sweden

1968

Station

Fladen

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0001	57	12	011	40	0	968	02	05	15	0075	01	005	09	18	023	012	1	3	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Total P	Si 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	0203	23078	1846	834		830	0.49	0.81	5.56	3	3
	0005	0202	23108	1848			818	0.55	--	6.24		
	0010		28583		783			0.55	0.86	6.56		
	0015	0261	29835	2382			819	0.70		5.49		
	0020	0287	30518	2434	769		818	0.54	0.56	6.93		
	0030	0411	32461	2577	714		822	0.61	0.80	6.83		
	0040	0433	33474	2654	709		821	0.61	0.76	5.30		
	0050	0469	33892	2684	689		826	0.68	0.85	5.60		
	0060	0488	34131	2701	669		822	0.68	0.86	5.30		
	0070	0496	34180	2704	675		827	0.68	0.80	6.40		

	Fe µgat/l
0010	0.14
0050	0.12

BT Slide Sk 1/395/68

Observer Lagergren

N 57° 11.5

E 11° 40′

11 "Skagerak" Station

77 Sweden 1968 L:a Middelgrund

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0002	56	38	011	46	0	968	02	05	18	0074	01	013	11	18	021	011	1	4	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si 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	01 72	23 054	18 44	849			0.56	6.26	3	5
	0005	01 69	22 971	18 39			828	0.61	7.98		
	0010	01 72	23 216	18 59	846		827	0.57	7.32		
	0015	02 03	25 422	20 32			823	0.68	5.92		
	0020	02 58	27 645	22 08	792		822	0.69	4.95		
	0030	05 29	33 425	26 42	666		832	0.74	6.40		
	0040	04 98	33 734	26 69	680		834	0.73	6.60		
	0050	05 43	33 988	26 84	675		834	0.69	6.00		
	0060	05 17	34 029	26 90	665		835	0.74	7.00		
	0070	05 19	34 035	26 90	685		835	0.74	6.30		

BT Slide Sk 2/395/68

Observer Bladh

N 56° 37.5′

E 11° 45.5′

11 "Skagerak" Station

77 Sweden 1968 Kullen

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0003	56	14	012	22	0	968	02	06	01	0025	00	012	09	16	020		28	2	0	

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si 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
01	0000	0193	15154	1214	887		820	0.64	11.2		35
	0005	0195	16222	1300	863		824	0.68	15.5		
	0010	0202	20549	1645	625		817	0.76	10.6		
	0015	0438	26372	2092	690		816	0.84	11.6		
	0020	0643	33336	2620	614		826	0.74	8.9		

BT Slide Sk 3/399/68

Observer Engström

N 56° 14′

E 12° 22.2

11 "Skagerak" Station

77 Sweden 1968 Arkona

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0004	55	00	014	05	0	968	02	06	16	0048	00	034	14	12	026		2	83		0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Total P	Si 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
16	0000	0184	0751	0605	918		828	0.40	0.63	13.3	1	3
	0005	0177	0749	0604	922		850	0.42		15.5		
	0010	0177	0739	0595	921		837	0.37	0.57	10.6		
	0015	0178	0741	0597	922		831	0.36		14.2		
	0020	0180	0741	0597	926		832	0.37	0.54	16.3		
	0030	0172	0781	0628	916		832	0.37	0.56	11.9		
	0040	0202	0836	0671	875		836	0.84	0.52	10.2		
	0045	0455	1495	1190	523		808	0.92	1.27	28.4		

	Alkal. Mval/l	Fe µgat/l
0000	1.50	
0010	1.47	0.090
0030	1.52	
0040	1.53	0.085
0045	1.80	

BT Slide Sk 4/399/68

Observer Lagergren

11 "Skagerak" Station

77 Sweden 1968 Hamrarne sund

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0005	55	18	014	24	0	968	02	06	19	0046	00	033	14	14	025		2	8	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si 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
19	0000	0195	0734	0591	916		800	0.39	14.5	1	5
	0005	0191	0734	0591			803	0.39	12.9		
	0010	0191	0734	0591	933		806	0.43	11.8		
	0015	0190	0735	0592			807	0.42	10.0		
	0020	0188	0735	0592	921		803	0.42	12.7		
	0030	0187	0739	0594	914		805	0.49	18.6		
	0040	0274	0772	0621	870		802	0.47	16.2		

BT Slide Sk 5/399/68

Observer Lagergren

N 55° 17.5′

E 14° 24′

11 "Skagerak" Station

77 Sweden 1968 Christiansö

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0006	55	23	015	20	0	968	02	06	23	0088	01	042	14	14	024		28	3	0	

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si 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
23	0000	0238	0743	0599	903		787	0.38	6.25	1	5
	0005	0237	0743	0599			813	0.38	10.5		
	0010	0233	0743	0599	903		822	0.37	10.3		
	0015	0236	0744	0600			823	0.40	9.65		
	0020	0240	0744	0600	898		822	0.42	13.1		
	0030	0237	0747	0602	893		824	0.40	7.45		
	0040	0238	0752	0605	906		822	0.42	7.81		
	0050	0322	0812	0652	840		821	0.42	8.09		
	0060	0608	1179	0932	403		774	1.06	21.5		
	0070	0612	1362	1075	275		761	1.32	25.2		
	0080	0611	1520	1200	102		743	1.56	40.7		

BT Slide Sk 6/395/68

Observer Bladh

11 "Skagerak" Station

77 Sweden 1968 Bornholmsdjupet

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0007	55	15	015	59	0	968	02	07	03	0093	01	044	11	26	018		28		4	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Total P	Si 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
03	0000	0247	0766	0615	899		803	0.44	0.47	15.2	1	3
	0005	0249	0762	0613	900		811	0.44		13.6		
	0010	0250	0764	0614	903		824	0.43	0.68	8.36		
	0015	0247	0763	0613	897		825	0.42		9.00		
	0020	0250	0764	0614	898		822	0.39	0.49	12.9		
	0030		0763		905		823	0.43	0.54	14.0		
	0040	0248	0764	0614	906		830	0.41	0.62	16.9		
	0050	0520	1033	0822	491		779	0.89	1.04	16.1		
	0060	0617	1371	1082	216		753	1.36	1.44	35.4		
	0070	0594	1460	1154	097		746	1.46	1.69	42.2		
	0080	0593	1514	1196	088		743	1.51	1.67	54.9		
	0087	0599	1566	1236	082		743	1.26	1.69	49.5		

	Alkal. Mval/l	Fe µgat/l
0000	1.49	
0010	1.49	0.015
0030	1.50	
0050	1.60	0
0060	1.76	
0070	1.79	
0080	1.78	0.012
0087	1.80	

BT Slide Sk 7/395/68

Observer Lagergren

11 "Skagerak"

77 Sweden

1968

Station

Stolpe ränna

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0008	55	13	017	04	0	968	02	07	09	0089	01	052	11	20	075	009	2	8	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si 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
09	0000	0255	0769	0620	902		814	0.21	16.7	0.49	1	3
	0005	0255	0763	0615	909		814	0.32	10.3			
	0010	0253	0766	0617	909		815	0.32	10.9	0.58		
	0015	0256	0767	0618	906		817	0.28	15.7			
	0020	0258	0766	0617	905		816	0.17	15.5	0.59		
	0030	0254	0766	0617	901		817	0.22	12.6	0.49		
	0040	0261	0772	0622	902		811		7.91	0.49		
	0050	0261	0777	0625	893		815	0.09	12.6	0.37		
	0060	0336	0820	0660	696		792	0.62	20.0	0.74		
	0070	0552	1057	0839	454		766	0.89	22.9	1.38		
	0080	0600	1233	0975	325		757	1.05	31.1	1.54		

BT Slide Sk 8/395/68

Observer Lagergren

11 "Skagerak"

77 Sweden

1968

Station

Rysshålan

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0009	55	38	018	36	0	968	02	07	17	0090	01	045	11	24	015		2	84		0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si 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
17	0000	0294	0758	0610	896		813	0.28	11.9	1	5
	0005	0292	0757	0610			815	0.28	8.83		
	0010	0289	0758	0610	883		819	0.27	7.08		
	0015	0293	0758	0610			820	0.25	6.98		
	0020	0296	0758	0610	888		818	0.27	7.26		
	0030	0289	0758	0610	885		818	0.28	8.27		
	0040	0296	0759	0611	881		817	0.31	8.92		
	0050	0423	0904	0723	334		766	1.33	33.6		
	0060	0432	1011	0808	085		734	1.97	31.4		
	0070	0461	1074	0856	054		733	2.12	46.7		
	0080	0489	1118	0890	052		735	2.01	43.3		

BT Slide Sk 9/395/68

Observer Bladh

11 "Skagerak"

77 Sweden

1968

Station

S 22 Klaipeda

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0010	56	07	019	19	0	968	02	08	01	0123	01	047	11	26	016		2	84		0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si µgat/l	Total 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
01	0000	0284	0756	0609	894		796	0.18	13.9	0.41	1	3
	0005	0286	0755	0608			813	0.18	11.9			
	0010	0287	0755	0608	885		814	0.18	5.15	0.42		
	0015	0283	0755	0608			813	0.18	10.3			
	0020	0289	0755	0608	884		814	0.18	6.35	0.47		
	0030	0291	0755	0608	884		815	0.18	5.70	0.31		
	0040	0286	0755	0608	900		817	0.18	13.3	0.43		
	0050	0422	0756	0606	469		766	0.99	32.2	1.21		
	0060	0428	0990	0792	142		732	1.85	46.3	2.26		
	0070	0443	1038	0829	061		729	2.18	41.5	1.86		
	0080	0457	1066	0851	048		733	2.18	56.0	2.36		
	0090	0505	1100	0875	110		734	1.79	51.3	--		
	0100	0510	1117	0888	114		735	1.67	43.6	2.01		
	0115	0530	1192	0946	014		730	2.94	49.3	3.55		
								Fe µgat/l				
	0010							0				
	0050							0				
	0100							0.015				

BT Slide Sk 10/395/68

Observer Lagergren

11 "Skagerak"

77 Sweden

1968

Station

När I

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0011	56	51	018	52	0	968	02	08	07	0123	01	053	14	20	015		28		4	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si 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
07	0000	0229	0744	0600	910		818	0.17	5.51	1	5
	0005	0225	0744	0600			817	0.18	6.06		
	0010	0228	0744	0600	913		821	0.18	12.9		
	0015	0229	0743	0598			816	0.20	9.20		
	0020	0226	0743	0598	908		818	0.18	8.91		
	0030	0231	0744	0600	917		821	0.30	10.5		
	0040	0236	0744	0600	902		822	0.27	10.6		
	0050	0240	0747	0601	899		825	0.25	13.5		
	0060	0427	0840	0672	569		784	0.80	26.4		
	0070	0437	0946	0756	229		757	1.57	32.3		
	0080	0434	0993	0794	124		739	2.10	46.0		
	0090	0447	1043	0832	080		740	1.98	25.8		
	0100	0466	1080	0860	069		743	2.10	36.2		
	0115	0500	1133	0901	065		739	2.04	44.1		

BT Slide Sk 11/395/68

Observer Bladh

N 56° 50.5′

E 18° 52′

11 "Skagerak" Station

77 Sweden 1968 När II

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0012	56	59	018	47	0	968	02	08	09	0075	01	034	14	20	015		28		4	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si 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	0241	0746	0600	901		822	0.27	7.91	1	5
	0005	0238	0746	0600			815	0.28	5.24		
	0010	0239	0746	0600	899		817	0,31	5.33		
	0015	0247	0746	0600			817	0.31	4.96		
	0020	0239	0746	0600	897		814	0.27	11.3		
	0030	0239	0746	0600	893		816	0.27	5.05		
	0040	0309	0764	0614	871		816	0.26	4.68		
	0050	0361	0779	0626	814		813	0.35	8.17		
	0060	0406	0827	0662	593		783	0.84	8.64		
	0070	0425	0862	0690	462		767	1.41	12.9		

BT Slide Sk 12/395/68

Observer Bladh

11 "Skagerak" Station

77 Sweden 1968 När III

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0013	57	05	018	42	0	968	02	08	10	0025	00	022	14	16	020		2	8	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si 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
10	0000	0235	0746	0601	881		832	0.25	5.15	1	5
	0005	0232	0746	0601			818	0.31	14.1		
	0010	0234	0747	0602	411		820	0.25	13.3		
	0015	0234	0746	0601			823	0.31	10.1		
	0020	0234	0746	0601	900		816	0.31	11.4		

BT Slide Sk 13/399/68

Observer Lagergren

11 "Skagerak" Station

77 Sweden 1968 7/9

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0014	57	26	019	08	0	968	02	08	13	0055	00	034	14	14	012		2	8	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si 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
13	0000	0261	0746	0601	905		834	0.32	12.6	1	5
	0005	0265	0746	0601			830	0.35	12.2		
	0010	0259	0746	0601	889		831	0.30	12.0		
	0015	0259	0746	0601			830	0.30	9.0		
	0020	0259	0746	0601	898		830	0.31	11.0		
	0030	0261	0747	0602	895		828	0.33	13.1		
	0040	0327	0764	0614	857		820	0.27	10.1		
	0050	0336	0767	0617	862		823	0.31	12.2		

BT Slide Sk 14/399/68

Observer Lagergren

N 57° 25.5′

E 19° 07.5′

11 "Skagerak" Station

77 Sweden 1968 6/9

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0015	57	24	019	26	0	968	02	08	15	0130	01	040	14	14	005		2	83		0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si 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	0260	0739	0595	911		830	0.30	11.9	1	5
	0005	0262	0740	0596			826	0.31	8.83		
	0010	0257	0739	0595	912		824	0.31	8.64		
	0015	0263	0739	0595			822	0.27	14.3		
	0020	0266	0739	0595	903		825	0.30	14.6		
	0030	0268	0741	0597	893		824	0.32	14.1		
	0040	0279	0743	0599	949		828	0.30	12.1		
	0050	0326	0758	0610	865		825	0.30	10.8		
	0060	0400	0833	0668	593		797	0.81	21.7		
	0070	0441	1014	0812	108		742	1.92	49.6		
	0080	0449	1048	0837	080		740	2.03	39.8		
	0090	0473	1089	0868	065		739	2.03	46.7		
	0100	0480	1103	0879	051		740	2.14	59.2		
	0120	0511	1156	0919	038		740	2.64	47.7		

BT Slide Sk 15/395/68

Observer Lagergren

N 57° 23.5′

E 19° 26′

11 "Skagerak" Station

77 Sweden 1968 5/9

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0016	57	22	019	44	0	968	02	08	17	0167	01	042	14	14	000		2	8	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si µgat/l	H_2S 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
17	0000	0278	0743	0598	921		828	0.23	11.1		1	3
	0005	0277	0758	0610			826	0.23	13.4			
	0010	0273	0758	0610	903		828	0.24	8.27			
	0015	0277	0758	0610			829	0.19	9.47			
	0020	0280	0759	0611	900		828	0.23	11.8			
	0030	0284	0760	0612	895		828	0.25	11.9			
	0040	0282	0758	0610	901		828	0.25	11.8			
	0050	0330	0787	0632	855		824	0.37	6.99			
	0060	0435	0999	0798	111		748	1.97	32.6			
	0070	0463	1049	0836	105		751	1.97	51.0			
	0080	0468	1075	0858	093		746	1.88	52.1			
	0090	0477	1100	0876	070		748	1.95	44.7			
	0100	0490	1121	0893	061		744	2.00	56.6			
	0125	0522	1176	0934	051		745	2.39	65.7			
	0150	0563	1245	0986	013		749	3.60	68.5	3.07		

BT Slide Sk 16/395/68

Observer Lagergren

N 57° 21.5′

E 19° 44′

11 "Skagerak" Station

77 Sweden 1968 F 81 Gotlandsdjupet

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0017	57	20	020	03	0	968	02	08	20	0250	02	030	14	12	X 005		2	8	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si 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
21	0000	0273	0760	0611	896		822	0.22	7.54	1.46	1	3
	0005	0274	0761	0612	903		816	0.25	8.00	1.51		
	0010	0275	0760	0611	901		821	0.25	13.8	1.52		
	0015	0273	0757	0610	896		822	0.25	8.18	1.51		
	0020	0275	0758	0610	891		820	0.25	6.53	0.84		
	0030	0278	0758	0610	905		815	0.19	8.82	1.50		
	0040	0309	0768	0617	882		822	0.25	4.68	1.51		
	0050	0306	0768	0617	914		826	0.31	7.81	1.44		
	0060	0491	0919	0732	413		743	1.17	15.9	1.57		
	0070	0444	1026	0820	096		712	1.91	47.2	1.54		
	0080	0467	1073	0856	082		735	2.03	35.6	1.53		
	0090	0483	1107	0882	075		735	1.97	48.2	1.55		
20	0100	0496	1126	0896	072		748	1.91	57.7	1.64		
	0125	0531	1188	0943	068		745	2.10	60.1	1.55		
	0150	0568	1232	0976	019		740	3.03	78.2	1.70		
	0175	0567	1255	0994	011		746	4.57	77.1	1.73		
	0200	0574	1266	1002	008		745	5.33	87.1	1.66		
	0225	0579	1278	1012	013		732	5.70	82.2	1.58		
	0240	0583	1281	1014	008		738	7.24	86.7	1.73		

BT Slide Sk 17/395/68

Observer Engström

11 "Skagerak"

77 Sweden

Station

F 81 Gotlandsdjupet

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0017	57	20	020	03	0	968	02	08	20	0250	02	030	14	12	X005		2	8	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	Tot. P. µgat/l	Fe µgat/l	H_2S 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
21	0000							0.76			1	3
	0005							0.69				
	0010							0.70	0.010			
	0015							0.74				
	0020							0.89	0			
	0030							0.76				
	0040							0.79	0			
	0050							0.74				
	0060							1.69	0.005			
	0070							2.54				
	0080							2.42	0.040			
	0090							2.51				
20	0100							2.16	0.120			
	0125							2.28	0.040			
	0150							3.52	0.910			
	0175							5.03	0.060	7.10		
02	0200							5.82	0.18	8.58		
	0225							5.75	0.862	5.20		
	0240							8.55	0.175	14.07		

BT Slide Sk 17/395/68

Observer Engström

11 "Skagerak" Station

77 Sweden 1968 3/9

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0018	57	18	020	21	0	968	02	08	23	0200	02	042	14	12	012		7	8	30	

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si µgat/l	H_2S 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
24	0000	0278	0765	0614	905		809	0.31	8.45		1	3
	0005	0280	0765	0614			814	0.25	5.33			
	0010	0277	0765	0614	890		816	0.25	5.97			
	0015	0279	0765	0614			816	0.31	10.1			
	0020	0281	0765	0614	894		816	0.31	8.26			
	0030	0283	0765	0614	910		814	0.31	6.61			
	0040	0281	0767	0616	885		821	0.31	7.72			
	0050	0314	0777	0624	855		814	0.37	7.35			
	0060	0383	0803	0645	771		805	0.56	10.4			
	0070	0483	0859	0685	598		789	0.87	15.6			
	0080	0475	1001	0799	168		754	1.74	25.9			
23	0090	0481	1052	0838	098		731	1.80	32.6			
	0100	0476	1077	0858	083		733	1.92	39.7			
	0125	0517	1162	0923	060		734	2.16	57.5			
	0150	0544	1218	0966	027		735	2.80	48.2			
	0175	0563	1249	0989	011		737	4.70	54.4	0		
	0190	0566	1250	0990	009		738	4.80	64.3	6.20		

BT Slide Sk 18/395/68

Observer Bladh

N 57° 17.5

E 20° 21′

11 "Skagerak" Station

77 Sweden 1968 2/9

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0019	57	16	020	39	0	968	02	09	02	0079	01	065	14	14	X 020		28		3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si 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
02	0000	0284	0765	0614	887		805	0.20	5.42	1	5
	0005	0281	0765	0614			815	0.20	8.36		
	0010	0282	0765	0614	902		823	0.40	5.33		
	0015	0288	0765	0614			823	0.25	5.42		
	0020	0288	0765	0614	891		826	0.22	7.16		
	0030	0283	0766	0616	892		825	0.27	6.61		
	0040	0284	0766	0616	898		824	0.25	11.0		
	0050	0289	0766	0616	891		827	0.25	16.3		
	0060	0292	0767	0617	886		824	0.27	4.78		
	0070	0452	1006	0803	252		751	1.56	36.4		
								BT Slide Sk 19/395/68			
								Observer Bladh			
								N 57° 15.5′			
								E 20° 38.5′			

11 "Skagerak" Station

77 Sweden 1968 1/9

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0020	57	13	020	56	0	968	02	09	03	0025	00	X 025	14	14	X 020		2	8	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si 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
03	0000	0266	0765	0614	837		816	0.20	5.33	1	5
	0005	0267	0764	0614	902		815	0.22	4.04		
	0010	0265	0765	0614	908		819	0.27	6.52		
	0015	0265	0765	0614	898		821	0.27	4.59		
	0020	0268	0768	0617	883		821	0.27	5.88		
								BT Slide Sk 20/399/68			
								Observer Bladh			

11 "Skagerak" Station

77 Sweden 1968 F 80 Fårödjupet

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0021	58	00	019	54	0	968	02	12	10	0207	02	051	25	10	000		2	82	0	

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si 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
10	0000	0250	0738	0594	897		818	0.31	10.4	0.40	1	3
	0005	0251	0738	0594	897		819	0.25	16.7	0.45		
	0010	0247	0734	0590	912		809	0.31	8.45	0.43		
	0015	0241	0738	0594	905		814	0.28	11.9	0.48		
	0020	0244	0736	0592	897		784	0.27	10.1	0.40		
	0030	0259	0739	0594	892		814	0.25	8.55	0.42		
	0040	0274	0741	0596	894		816	0.22	5.88	0.41		
	0050	0276	0748	0601	898		817	0.27	12.1	0.48		
	0060	0345	0763	0613	851		818	0.25	8.45	0.49		
	0070	0437	0897	0717	342		763	1.39	30.4	1.63		
	0080	0445	1025	0819	075		738	2.39	34.5	2.57		
	0090	0462	1063	0848	053		736	2.27	41.6	2.52		
12	0100	0469	1078	0860	041		732	2.28	39.8	2.55		
	0125	0511	1153	0916	042		725	2.27	43.6	2.59		
	0150	0537	1199	0952	013		741	2.80	43.7	3.10		
	0175	0543	1213	0962	014		738	3.80	69.3	4.22		
	0190	0547	1218	0966	007		742	4.10	58.2	4.70		

	Fe µgat/l	H_2S µgat/l
0010	0.030	
0050	0	
0100	0.030	
0150	0.005	
0175	2.54	
0190	2.36	4.70

BT Slide Sk 21/395/68
Observer Engström

11 "Skagerak"
77 Sweden

1968

Station
F 79

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0022	58	27	020	20	0	968	02	12	16	0130	01	022	25	10	000		28		2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si 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
16	0000	0208	0717	0578	905		814	0.31	6.15	1	5
	0005	0212	0719	0580			814	0.28	13.8		
	0010	0205	0719	0580	920		816	0.32	13.4		
	0015	0209	0719	0580			818	0.32	4.96		
	0020	0226	0724	0584	928		818	0.31	11.4		
	0030	0269	0728	0587			838	0.36	9.00		
	0040	0280	0731	0590	888		837	0.35	13.0		
	0050	0294	0741	0597	915		831	0.30	10.8		
	0060	0333	0757	0609	869		833	0.23	8.82		
	0070	0390	0791	0635	727		807	0.49	8.91		
	0080	0447	0989	0790	150		750	1.92	36.7		
	0090	0463	1060	0846	065		746	2.16	52.4		
	0100	0475	1090	0869	048		745	2.23	18.3		
	0125	0492	1118	0890	014		745	2.84	49.9		

BT Slide Sk 22/395/68

Observer Bladh

N 58° 26.5′

E 20° 20′

11 "Skagerak" Station

77 Sweden 1968 Strömmätning.

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0023	58	45	020	47	0	968	02	12	19	0106	01	023	25	12	000		2	8	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si 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
19	0000	0209	0724	0584	899		833	0.32	10.9	0.44	1	3
	0005	0218	0725	0585			841	0.16	10.0	0.56		
	0010	0217	0725	0585	898		845	0.26	11.3	0.54		
	0015	0216	0725	0585			838	0.28	9.55	0.56		
	0020	0222	0725	0585	895		845	0.23	9.19	0.53		
	0030	0244	0731	0589	858		842					
	0040	0262	0734	0591	883		845	0.18	8.64	0.44		
	0050	0289	0746	0601	878		843	0.19	8.64	0.48		
	0060	0352	0763	0612	835		837	0.27	10.1	0.52		
	0070	0415	0830	0665	835		797	0.91	26.0	1.13		
	0080	0452	0992	0792	151		762	1.79	44.1	2.10		
	0090	0464	1060	0846	057		760	2.01	47.4	2.39		

BT Slide Sk 23/395/68

Observer Engström

11 "Skagerak" Station

77 Sweden 1968 L 15

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0024	59	11	021	46	0	968	02	13	14	0120	01	000	23	26	008		2	8	5	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si 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
14	0000	0118	0720	0580	946		806	0.27	13.1	1	5
	0005	0116	0721	0580			824	0.25	8.64		
	0010	0115	0721	0580	937		819	0.32	11.5		
	0015	0118	0720	0580			823	0.34	11.5		
	0020	0121	0720	0580	930		822	0.28	8.90		
	0030	0121	0719	0579	929		819	0.28	11.8		
	0040	0134	0722	0582	921		819	0.32	8.27		
	0050		0722		903			0.43	10.2		
13	0060	0212	0730	0589	888		853	0.47	4.32		
	0070	0225	0731	0589	895		842	0.46	8.90		
	0080	0365	0793	0636	661		814	0.64	13.1		
	0090	0466	1029	0821	086		760	2.28	41.6		
	0100	0472	1084	0864	026		747	2.59	54.0		
	0110	0480	1092	0870	021		744	2.80	55.2		

BT Slide Sk 24/395/68

Observer Engström

11 "Skagerak"

77 Sweden

1968

Station

L 13

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0025	59	22	022	28	0	968	02	13	17	0102	01	035	20	26	X010		28	5	0	

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si 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
17	0000	0096	0703	0565	944		810	0.42	16.1	0.67	1	3
	0005	0091	0703	0565			822	0.35	9.92	0.74		
	0010	0099	0704	0566	940		819	0.42		0.71		
	0015	0104	0704	0567			817	0.41	11.1	0.68		
	0020	0093	0707	0568	933		821	0.28	9.37	0.76		
	0030	0073	0716	0574	948		821	0.30	8.27	0.70		
	0040	0163	0716	0577	922		786	0.33	16.3	0.76		
	0050	0158	0716	0576	916		825	0.31	14.1	0.73		
	0060	0184	0716	0577	898		824	0.38	13.9	0.70		
	0070		0728		847		823	0.37	32.8	0.81		
	0080	0319	0762	0614	729		774	0.54	5.52	0.80		
	0090	0486	1018	0811	105		745	3.10	13.1	X2.90		

BT Slide Sk 25/395/68

Observer Lagergren

11 "Skagerak"

77 Sweden

1968

Station

L 11

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0026	59	35	023	18	0	968	02	13	20	0073	01	019	18	30	X015		7	8	5	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen mi/l	Oxygen %	pH	PO_4-P µgat/l	Si 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
20	0000	X0003	0639	0510	964		793	0.47	17.9	1	5
	0005	X0001	0639	0510			811	0.41	6.89		
	0010	X0004	0639	0510	972		819	0.42	10.8		
	0015	0001	0648	0517			821	0.43	10.1		
	0020	0099	0699	0561	841		829	0.34	12.0		
	0030	0086	0710	0570	941		822	0.27	11.6		
	0040	0084	0710	0570	928		826	0.31	9.27		
	0050	0230	0715	0576	878		825	0.42	8.01		
	0060	0332	0733	0591	800		814	0.47	12.0		
	0065	0386	0744	0608	733		806	0.64	12.6		

BT Slide Sk 26/395/68

Observer Bladh

11 "Skagerak" Station

77 Sweden 1968 L 9

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0027	59	41	024	00	0	968	02	13	23	0078	01	000	18	30	x015		7	8	5	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si 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
23	0000	x0017	0616	0490	967		797	0.49	9.10	x0.37	1	3
	0005	x0021	0619	0492			822	0.52	17.8			
	0010	x0014	0622	0494	961		817	0.54	13.6	x0.50		
	0015	0009	0649	0518			822	0.43	15.2			
	0020	0024	0664	0532	963		820	0.41	15.1	x0.36		
	0030	0103	0683	0549	914		819	0.44	13.5	0.48		
	0040	0069	0696	0558	937		826	0.47	11.7	x0.34		
	0050	0150	0702	0564	901		826	0.44	18.9	0.46		
	0060	0305	0731	0589	771		813	0.59	16.7	0.65		

	Alkal. Mval/l
0000	1.38
0010	1.38
0030	1.45
0040	1.47
0050	1.43
0060	1.50

BT Slide Sk 27/395/68

Observer Lagergren

11 "Skagerak" Station

77 Sweden F 72

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0028	59	18	021	28	0	968	02	14	10	0110	01	014	32	24	01 4		1	1	4	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si. 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
11	0000	0108	0690	0554	929		808	0.44	15.0	1.44	1	3
	0005	0104	0690	0554	929		811	0.40	16.0			
	0010	0108	0690	0554	927		811	0.48	16.0	1.46		
	0015	0156	0711	0572	921		814	0.38	16.6			
	0020	0158	0711	0572	933		818	0.28	11.8			
	0030	0163	0713	0574	910		818	0.33	16.0	1.45		
10	0040	0226	0721	0581	873		813	0.40	9.93			
	0050	0219	0725	0582	918		827	0.37	4.87	1.47		
	0060	0217	0730	0588	906		824	0.32	11.2	1.49		
	0070	0281	0743	0599	837		816	0.41	17.4	1.49		
	0080	0356	0772	0620	723		802	0.44	13.9	1.48		
	0090	0367	0790	0634	663		788	0.91	22.4	1.52		
	0100	0479	0997	0794	166		744		47.8	1.63		

	Tot. P. µgat/l	Fe µgat/l
0000	0.67	
0005	0.75	
0010	0.73	0.025
0015		
0020	0.68	
0030	0.72	
0040	0.67	
0050	0.63	0
0060	0.59	
0070	0.63	
0080	0.79	
0090	1.16	
0100		0.020

BT Slide Sk 28/395/68

Observer Lagergren

11 "Skagerak" Station

77 Sweden 1968 F 74

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0029	59	02	021	050		968	02	14	14	0180	02	041	27	16	X 004		1	3	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si 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	0158	0721	0580	935		812	0.27	5.52	1	5
	0005	0162	0721	0580			815	0.31	14.8		
	0010	0163	0721	0580	906		819	0.28	14.3		
	0015	0161	0721	0580			817	0.28	14.1		
	0020	0162	0721	0580	927		818	0.28	8.00		
	0030	0163	0721	0580	937		819	0.25	9.27		
	0040	0174	0728	0586	914		820	0.25	5.70		
	0050	0204	0734	0591	903		818	0.25	6.15		
	0060	0232	0737	0593	896		821	0.25	9.27		
	0070	0332	0760	0611	811		812	0.31	8.36		
14	0080	0441	0898	0717	343		750	1.40	15.9		
	0090	0479	1034	0824	088		737	2.60	54.0		
	0100	0471	1053	0848	045		736	2.65	27.0		
	0125	0485	1106	0881	020		734	2.84	34.9		
	0150	0490	1116	0889	014		735	3.02	45.3		
	0170	0497	1118	0890	010		738	3.20	56.3		

BT Slide Sk 29/395/68

Observer Bladh

11 "Skagerak"

77 Sweden

1968

Station

L 19

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0030	58	53	020	19	0	968	02	14	19	0185	02	040	25	18	X008		0	0	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si 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
19	0000	0217	0727	0586	919		810	0.32	10.7	0.67	1	3
	0005	0214	0727	0586			823	0.33	11.1	X0.43		
	0010	0214	0727	0586	890		822	0.35	8.64	0.65		
	0015	0215	0723	0583			823	0.37	8.36	X0.57		
	0020	0220	0723	0583	900		824	0.33	8.00	0.69		
	0030	0224	0726	0585	894		828	0.32	8.55	X0.35		
	0040	0243	0737	0593			824	0.31	7.63	0.54		
	0050	0266	0748	0602	891		829	0.25	4.50	X0.25		
	0060	0315	0757	0609	856		822	0.27	8.55	0.61		
	0070	0380	0801	0642	697		803	0.56	18.1	0.89		
	0080	0452	1004	0801	119		749	2.20	41.5	2.32		
	0090	0455	1016	0810	098		739	2.22	42.7	2.49		
	0100	0457	1058	0844	047		742	2.57	57.8	2.70		
	0125	0485	1112	0886	022		738	2.70	45.4	2.90		
	0150	0496	1126	0896	012		741	3.08	45.0	3.23		
	0175	0501	1137	0904	010		742	3.92	53.2	X3.75		

BT Slide Sk 30/395/68

Observer Lagergren

11 "Skagerak"

77 Sweden 1968

Station

F 78

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0031	58	35	018	14	0	968	02	15	12	0459	04	034	36	12	X002		7	8	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Fe 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
14	0000	0138	0686	0551	941		784	0.37		1	3
	0005	0135	0685	0550	937		806	0.37			
	0010	0144	0688	0553	928		806	0.37	0.005		
	0015	0156	0692	0556	933		807	0.34			
	0020	0164	0694	0558	921		810	0.32			
	0030	0174	0699	0562	916		812	0.34			
	0040	0247	0727	0586	898		808	0.35			
	0050	0274	0731	0590	884		813	0.37	0		
	0060	0339	0784	0631	678		782	0.79			
	0070	0419	0907	0725	316		727	1.73			
12	0080	0427	0964	0772	167		738	2.24			
	0090	0441	1010	0807	100		735	2.44			
	0100	0459	1049	0837	063		730	2.67	0.065		
	0125	0473	1080	0860	029		729	2.68			
	0150	0470	1088	0868	019		645	2.63			
	0175	0470	1088	0868	015		724	2.95			
	0200	0473	1093	0870	035		632	2.90	0		
	0300	0479	1105	0880	020		685	3.32	0.060		
	0400	0480	1110	0884	007		727	3.20			
	0440	0485	1110	0884	006		729	3.30	0.330		

BT Slide Sk 31/395/68

Observer Engström

11 "Skagerak" Station

77 Sweden 1968 F 78

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0031	58	35	018	14	0	968	02	15	12	0459	04	034	36	12	X 002		7	8	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	Si µgat/l	Alkal. Mval/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
14	0000							18.1	1.41	0.57		
	0005							14.3		0.57		
	0010							11.9	1.45	0.59		
	0015							11.6		0.62		
	0020							16.7		0.62		
	0030							11.3	1.46	0.61		
	0040							11.0		0.58		
	0050							17.2	1.50	0.62		
	0060							27.6		1.01		
	0070							17.7	1.59	1.94		
12	0080							38.4		2.44		
	0090							37.6		2.54		
	0100							49.9	1.64	2.80		
	0125							45.0		2.87		
	0150							50.8		3.08		
	0175							57.8		3.09		
	0200							57.0	1.66	3.09		
	0300							60.2	1.68	3.44		
	0400							57.7	1.68	3.39		
	0440							55.0	1.67	3.37		

BT Slide Sk 31/395/68

Observer Engström

11 "Skagerak"

77 Sweden

Station

F 90

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0032	58	00	018	00	0	968	02	20	17	0175	02	000	36	04	03 0		1	1	1	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si 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
17	0000	0126	0712	0572	932		807	0.32	18.5	1.49	1	3
	0005	0116	0710	0570	936		814	0.34	18.4			
	0010	0126	0708	0568	925		815	0.34	18.3	1.49		
	0015	0134	0712	0572	922		810	0.37	18.3			
	0020	0145	0714	0574	922		815	0.29	18.4			
	0030	0174	0717	0577	911		814	0.31	18.2	1,48		
	0040	0254	0725	0584	894		816	0.31	17.6			
	0050	0318	0743	0598	822		806	0.38	18.7	1.52		
	0060	0409	0895	0716	314		744	1.66	46.3			
	0070	0409	0945	0757	190		736	1.97	52.2	1.61		
	0080	0419	1000	0800	073		730	2.53	62.2	1.65		
	0090	0430	1028	0822	016		729	2.92	66.9	1.65		
	0100	0436	1053	0826	022		721	3.05	67.2	1.65		
	0125	0437	1043	0833	014		722	3.05	67.8	1.68		
	0150	0438	1049	0838	010		726	3.40	69.9	1,67		
	0160	0448	1052	0840	009		725	3.48	69.5	1.65		

	Tot.P. µgat/l	Fe µgat/l
0000	0.58	
0005	0.57	
0010	0.68	0.040
0015	0.58	
0020	0.64	
0030	1.50	
0040	0.62	
0050	1.25	0.040
0060	1.89	
0070	2.21	
0080	2.70	
0090	3.05	
0100	3.30	0.045
0125	3.25	
0150	3.70	
0160	3.60	0.132

BT Slide Sk 32/395/68

Observer Engström

11 "Skagerak"

77 Sweden

1968

Station 8/9

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0033	57	39	018	12	0	968	02	20	22	0100	01	025	02	10	X020		0	01	0	

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si 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
22	0000	0160	0713	0573	918		807	0.57	18.7	1	5
	0005	0163	0712	0572			808	0.49	18.5		
	0010	0162	0712	0572	914		807	0.52	18.3		
	0015	0161	0712	0572			807	0,52	18.5		
	0020	0164	0712	0572	917		809	0.47	18.6		
	0030	0191	0713	0574	907		809	0,37	18.2		
	0040	0229	0721	0581	880		810	0.49	18.4		
	0050	0349	0775	0623	714		787	0.74	24.7		
	0060	0400	0863	0691	388		785	1.60	41.8		
	0070	0407	0936	0750	173		752	2.24	55.0		
	0080	0416	0986	0789	076		730	2.90	62.7		
	0090	0429	1014	0810	043		729	3.08	65.7		

BT Slide Sk 33/395/68

Observer Lagergren

N 57° 38.5′

E 18° 11.5′

11 "Skagerak" Station

77 Sweden 1968 9/9

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. '	Long. °	Long. '	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0034	57	40	017	56	0	968	02	20	23	0105	01	030	02	10	020		0	0	1	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si 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
23	0000	0175	0715	0575	907		803	0.33	18.2	1.49	1	3
	0005	0173	0718	0578	909		806	0.37	18.1			
	0010	0176	0717	0577	909		809	0.38	18.4	1.46		
	0015	0178	0717	0577	909		808	0.37	18.2			
	0020	0176	0719	0579	911		806	0.36	18.0			
	0030	0184	0717	0578	914		810	0.35	18.2	1.48		
	0040	0197	0718	0579	900		812	0.36	18.4			
	0050	0284	0734	0592	846		807	0.37	18.8	1.49		
	0060	0400	0858	0687	427		754	1.33	39.2	1.64		
	0070	0413	0950	0760	182		736	2.10	54.0	1.61		
	0080	0424	1012	0810	058		728	2.76	63.6	1.65		
	0090	0428	1019	0814	043		729	2.95	65.5	1.63		
	0100	0436	1032	0824	024		728	3.15	67.9	1.64		

BT Slide Sk 34/395/68

Observer Lagergren

	Tot. P. µgat/l
0000	0.42
0010	0.42
0020	0.39
0030	0.46
0040	0.54
0050	0.43
0060	1.24
0070	2.19
0080	2.90
0090	3.11
0100	3.22

11 "Skagerak"

77 Sweden

Station

1968

10/9

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0035	57	42	017	39	0	968	02	21	00	0090	01	010	27	04	024		00		1	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si 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
00	0000	0128	0710	0571	929		793	0.31	19.9	1	5
	0005	0121	0710	0571			802	0.38	18.7		
	0010	0155	0715	0575	919		807	0.35	18.9		
	0015	0165	0715	0575			806	0.39	18.5		
	0020	0171	0715	0575	912		805	0.35	18.5		
	0030	0175	0715	0575	912		806	0.35	18.2		
	0040	0173	0717	0577	912		805	0.49	18.8		
	0050	0196	0720	0580	902		808	0.43	18.9		
	0060	0399	0848	0680	450		758	1.38	38.2		
	0070	0413	0946	0757	193		734	2.27	53.6		
	0080	0424	1000	0800	074		731	2.88	62.0		

BT Slide Sk 35/395/68

Observer Lagergren

N 57° 41.5′

E 17° 39′

11 "Skagerak" Station

77 Sweden 1968 11/9

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0036	57	43	017	22	0	968	02	21	02	0135	01	013	29	06	030		0	0	20	

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si 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
02	0000	0092	0702	0563	932		815	0.44	18.6	1	5
	0005	0095	0702	0563			814	0.50	18.7		
	0010	0108	0702	0564	924		815	0.43	19.9		
	0015	0149	0706	0568			810	0.42	20.4		
	0020	0151	0708	0570	918		815	0.37	18.0		
	0030	0157	0708	0570	915		818	0.37	18.1		
	0040	0211	0714	0576	896		817	0.47	18.9		
	0050	0297	0742	0598	822		809	0.54	18.3		
	0060	0329	0752	0605	780		802	0.62	19.9		
	0070	0391	0844	0677	478		763	1.37	16.5		
	0080	0427	0971	0776	149		736	2.60	57.4		
	0090	0429	1001	0800	089		736	2.90	57.1		
	0100	0434	1023	0818	079		734	3.10	56.0		
	0125	0490	1041	0830	034		731	3.20	62.6		

BT Slide Sk 36/395/68

Observer Bladh

11 "Skagerak" Station

77 Sweden 1968 12/9

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0037	57	45	017	06	0	968	02	21	03	0070	01	025	29	06	X060		0	01	1	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si 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
03	0000	0021	0688	0550	951		793	0.37	21.0	1	5
	0005	0021	0688	0550			800	0.37	20.8		
	0010	0033	0689	0550	945		807	0.38	20.3		
	0015	0042	0689	0551			806	0.37	20.4		
	0020	0043	0690	0552	953		807	0.43	20.9		
	0030	0081	0696	0558	939		805	0.45	20.7		
	0040	0258	0718	0578	879		807	0.42	18.3		
	0050	0300	0732	0590	848		802	0.42	18.7		
	0060	0312	0740	0596	823		799	0.49	19.4		

BT Slide Sk 37/395/68

Observer Bladh

N 57° 44.'5

E 17° 05.'5

11 "Skagerak" Station

77 Sweden 1968 NW Ölands N. Grund

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0038	57	31	017	06	0	968	02	21	05	0061	00	061	29	06	050		1	1	1	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si 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	0038	0698	0558	951		787	0.41	20.4	1	5
	0005	0042	0698	0558			798	0.42	20.8		
	0010	0048	0698	0559	959		799	0.41	20.7		
	0015	0052	0698	0559			799	0.43	20.5		
	0020	0058	0700	0561	942		802	0.43	20.0		
	0030	0073	0701	0562	940		803	0.46	20.5		
	0040	0095	0707	0568	935		803	0.47	21.0		
	0050	0079	0714	0572	936		803	0.52	21.3		

BT Slide Sk 38/395/68

Observer Bladh

11 "Skagerak"

77 Sweden

1968

Station

S 41

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0039	57	07	017	40	0	968	02	21	09	0110	01	023	02	08	X 014		0	0	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si 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
09	0000	0159	0712	0573	914		797	0.33	18.1	1.47	1	3
	0005	0161	0712	0573	917		803		18.2			
	0010	0152	0711	0572	921		803	0.35	20.1	1.47		
	0015	0158	0711	0572	913		803	0.36	18.3			
	0020	0160	0711	0572	909		804	0.37	18.4			
	0030	0182	0715	0576	902		803	0.37	18.2	1.47		
	0040	0207	0719	0580	894		804	0.35	18.6			
	0050	0238	0723	0582	886		806	0.41	18.7	1.49		
	0060	0339	0776	0624	703		781	0.70	26.0	1.50		
	0070	0404	0888	0711	309		740	1.73	46.2	1.59		
	0080	0410	0968	0774	101		726	2.47	60.5	1.63		
	0090	0421	1008	0806	073		725	2.60	62.9	1.62		
	0100	0429	1026	0820	025		722	3.10	68.0	1.62		
	0105	0430	1028	0822	025		723	3.40	68.8	1.67		

BT Slide Sk 39/395/68

Observer Engström

	Tot. P. µgat/l	Fe µgat/l
0000	0.52	
0010	0.61	0.005
0020	0.57	
0030	0.56	
0040	0.59	
0050	0.57	0.045
0060	0.89	
0070	1.78	
0080	2.51	
0090	2.65	
0100	3.30	0.140
0105	3.40	

11 "Skagerak"

77 Sweden

1968

Station

Segerstad I

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0040	56	33	017	04	0	968	02	21	14	0073	01	052	05	06	000		0	0	1	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si 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
14	0000	0168	0714	0574	949		821	0.38	18.9	1	5
	0005	0163	0714	0574			815	0.41	18.7		
	0010	0160	0714	0574	922		814	0.39	19.1		
	0015	0164	0714	0574			823	0.39	19.2		
	0020	0170	0714	0574	921		817	0.43	19.2		
	0030	0178	0716	0576	926		815	0.41	18.3		
	0040	0194	0717	0578	905		815	0.38	19.5		
	0050	0227	0724	0583	875		812	0.47	19.9		
	0060	0343	0775	0623	683.		789	0.76	27.5		
	0070	0382	0826	0663	505		767	1.36	36.6		

BT Slide Sk 40/395/68

Observer Bladh

11 "Skagerak" Station

77 Sweden 1968 Segerstad II

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0041	56	30	016	52	0	968	02	21	15	0065	01	040	18	04	X005		1	1		10

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si 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	0171	0717	0578	911		807	0.39	19.9	1	5
	0005	0168	0716	0576			806	0.39	19.3		
	0010	0177	0717	0578	926		806	0.39	19.9		
	0015	0182	0717	0578			809	0.37	18.8		
	0020	0164	0718	0578	909		808	0.37	19.7		
	0030	0166	0718	0578	911		807	0.37	19.7		
	0040	0164	0718	0578	920		809	0.42	19.9		
	0050	0187	0723	0582	899		810	0.48	19.7		
	0060	0226	0728	0586	866		807	0.52	20.6		

BT Slide Sk 41/395/68

Observer Bladh

N 56° 29.5′

E 16° 52′

11 "Skagerak" Station

77 Sweden 1968 Segerstad III

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0042	56	19	016	41	0	968	02	21	17	0033	00	033	18	04	X010		1	1	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si 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
17	0000	0153	0719	0579	924		801	0.31	17.5	1	5
	0005	0144	0719	0579			815	0.35	18.2		
	0010	0153	0720	0580	912		813	0.38	19.3		
	0015	0150	0720	0580			818	0.38	18.0		
	0020	0153	0720	0580	929		819	0.39	19.5		
	0030	0150	0720	0580	929		817	0.42	20.0		

BT Slide Sk 42/399/68

Observer Bladh

11 "Skagerak" Station

77 Sweden 1968 Segerstad IV

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0043	56	13	016	40	0	968	02	21	18	0067	01	058	18	06	X010		1	1	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si µgat/l	Total 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
18	0000	0185	0719	0579	927		811	0.42	19.7	0.59	1	3
	0005	0177	0717	0577			809	0.39	19.3	0.63		
	0010	0189	0718	0579	920		814	0.41	18.4	0.60		
	0015	0188	0719	0579			812	0.41	19.6	0.57		
	0020	0180	0719	0579	911		811	0.42	18.8	0.62		
	0030	0180	0719	0579	915		812	0.44	18.7	0.62		
	0040	0178	0720	0580	923		813	0.44	19.7	0.65		
	0050	0181	0721	0581	918		813	0.44	17.7	0.60		
	0060	0239	0733	0591	858.		808	0.50	21.3	0.71		

BT Slide Sk 43/395/68

Observer Engström

11 "Skagerak"

77 Sweden

Station

N. Hirtshals

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0088	58	06	009	44	0	968	03	26	12	0420	04	012	20	16	05 5		1	6	4	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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	0352	30476	2426					30	
	0010	0354	31094	2474						
	0050	0612	34770	2737						
	0100	0698	35132	2755						
	0200	0632	35149	2765						
	0300	0625	35180	2769						
	0350	0594	35177	2772						
	0400	0476	35037	2776						

BT Slide Sk 88/395/68

Observer Brolin

N 58° 06′

E 09° 43.5

11 "Skagerak" Station

77 Sweden N. Hirtshals

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0089	58	03	009	48	0	968	03	29	08	0235	02	025	23	10	050		2	7	4	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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	0419	32252	2559					3	0
	0050	0448	34797	2759						
	0100	0576	35146	2772						
	0150	0592	35233	2777						
	0200	0538	35113	2774						
	0225	0535	35053	2769						
								BT Slide Sk 89/395/68		
								Observer Brolin		
								N 58° 03′		
								E 09° 47.5		

11 "Skagerak" Station

77 Sweden 1968 Idefjord 15

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0090	59	06	011	15	0	968	04	02	10	0021	00	000	14	12	010		2	8	1	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
10	0000		06762						3	0
	0003	0330	10481	0841	732					
	0005	0392	24311	1934						
	0010	0375	27572	2194	676					
	0015	0347	28331	2257						
	0020	0350	28808	2294	709					
								BT Slide Sk 90/399/68		
								Observer Brolin		

11 "Skagerak"

77 Sweden

Station

Idefjord 14

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0091	59	06	011	17	0	968	04	02	11	0035	00	004	14	10	010		2	8	1	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
11	0000	0207	0040	0033	790				3	0
	0002	0213	0064	0052						
	0005	0433	22242	1767	234					
	0010	0451	27753	2203	376					
	0015	0521	28606	2262	189					
	0020	0530	29732	2349	139					
	0025	0501	30018	2375	219					
	0030	0474	30399	2408	332					
								BT Slide Sk 91/399/68		
								Observer Brolin		

11 "Skagerak"

77 Sweden

Station

Idefjord 13

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0092	59	07	011	19	0	968	04	02	11	0035	00	004	14	10	010		2	8	1	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
11	0000	0210	0044	0036	787				3	0
	0002	0224	0103	0083	763					
	0005	0457	17560	1396	114					
	0010	0509	27746	2197	217					
	0015	0630	28876	2272	019					
	0020	0544	29773	2351	101					
	0025	0494	30096	2382	206					
	0030	0481	30540	2419	333					
								BT Slide Sk 92/399/68		
								Observer Brolin		

11 "Skagerak"

77 Sweden

Station

Idefjord 11

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0093	59	07	011	21	0	968	04	02	12	0021	00	004	14	10	020		2	8	1	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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	0189	0017	0013	867				3	0
	0002	0179	0038	0020	847					
	0005	0444	18917	1504	031					
	0010	0579	27799	2193	059					
	0015	0662	29274	2298	000					
	0020	0554	29876	2358	046					
								BT Slide Sk 93/399/68		
								Observer Brolin		

11 "Skagerak"

77 Sweden

Station

Idefjord 5

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0094	59	06	011	22	0	968	04	02	13	0026	00	000	14	10	025		2	8	0	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
13	0000	0086	0017	0009	851				3	0
	0002	0120	0020	0013	849					
	0005	0409	14811	1183	000					
	0010	0661	27851	2188	000					
	0015	0698	29386	2303	006					
	0020	0528	30089	2377	111					
	0024	0609	30629	2411	000					
								BT Slide Sk 94/399/68		
								Observer Brolin		

11 "Skagerak"

77 Sweden

1968

Station

Idefjord 3

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0095	59	03	011	24	0	968	04	02	13	0033	00	004	14	10	025		28		0	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
13	0000	0217	0010	0009	824				3	0
	0002	0219	0029	0023	881					
	0005	0415	14297	1143	000					
	0010	0892	27903	2161	000					
	0015	0852	29451	2287	008					
	0020	0577	30102	2373	019					
	0025	0686	30847	2420	000					
	0030	0687	30874	2421	000					
								BT Slide Sk 95/399/68		
								Observer Brolin		

11 "Skagerak"

77 Sweden

1968

Station

S 2

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0096	55	26	014	36	0	968	04	17	12	0073	01	012	05	08	06 0		0	0	0	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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	0348	0749	0603					3	0
	0010	0333	0752	0605	951					
	0030	0264	0766	0617	912					
	0050	0279	0843	0677	828					
	0060	0242	1188	0954						
	0070	0444	1318	1051	337					
								BT Slide Sk 102/395/68		
								Observer Brolin		

11 "Skagerak" Station

77 Sweden 1968 Rysshålan

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0097	56	00	018	47	0	968	04	18	06	0117	01	065	00	00	060		1	2	0	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
06	0000	0379	0729	0586					1	0
	0020	0271	0743	0599						
	0040	0264	0751	0605	917					
	0060	0250	0758	0611	887					
	0070	0258	0801	0645	739					
	0080	0448	0981	0783	216					
	0100	0500	1094	0871	140					
	0110	0511	1138	0905	094					
	0115	0525	1176	0934	009					

BT Slide Sk 103/395/68

Observer Brolin

11 "Skagerak" Station

77 Sweden 1968 SE När

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0098	57	08	018	57	0	968	04	18	22	0071	01	010	23	06	040		0	0	1	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
22	0000	0362	0738	0593					1	0
	0009	0339	0738	0594						
	0029	0234	0744	0600	920					
	0049	0236	0753	0607	913					
	0059	0243	0757	0610	886					
	0070	0405	0918	0735	337					

BT Slide Sk 104/395/68

Observer Brolin

11 "Skagerak" Station

77 Sweden ENE Christiansö

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0099	55	28	015	53	0	968	04	22	16	0087	01	018	07	08	10 0		2	5	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
16	0000	0404	0753	0604					1	0
	0010	0408	0754	0605						
	0030	0288	0754	0607						
	0050	0247	0757	0609						
	0060	0246	0786	0633						
	0070	0563	1263	1001	400					
	0080	0590	1525	1206	038					
	0083	0593	1526	1206	033					

BT Slide Sk 107/395/68

Observer Brolin

11 "Skagerak" Station

77 Sweden S 24

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0100	55	15	015	59	0	968	04	22	19	0093	01	018	07	10	05 6	2	8		3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
19	0000	0391	0754	0605					1	0
	0010	0385	0753	0605	941					
	0030	0263	0757	0610						
	0050	0245	0761	0613	895					
	0060	0423	0995	0796						
	0070	0476	1216	0968	422					
	0080	0582	1473	1166	100					
	0087	0597	1522	1203	063					

BT Slide Sk 108/395/68

Observer Brolin

11 "Skagerak"

77 Sweden

Station

N 1

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0101	54	53	015	13	0	968	04	23	05	0065	01	012	05	04	05 8		00		3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
05	0000	0458	0756	0605					1	0
	0010	0447	0754	0604						
	0030	0271	0763	0614						
	0050	0274	0829	0666	762					
	0060	0478	1226	0976	383					
	0062	0500	1271	1011	365					

BT Slide Sk 109/395/68

Observer Brolin

11 "Skagerak"

77 Sweden

Station

S 12

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0102	55	00	014	02	0	968	04	24	10	0047	00	014	29	10	12 0		2	8	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
10	0000	0462	0766	0613					1	0
	0010	0444	0766	0614						
	0020	0330	0767	0617						
	0030	0477	0783	0626	892					
	0040	0182	1242	0997	788					
	0045	0189	1295	1040	740					

BT Slide Sk 112/399/68

Observer Brolin

11 "Skagerak"

77 Sweden

Station

Fladen

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0103	57	12	011	40	0	968	06	04	14	0075	01	007	16	10	18 0	15 2	5	0	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Tot. P µgat/l	Si 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
14	0000	1497	1413	1003	722			0.23	0.31	4.05	1	3
	0005	1498	1411	1000	721			0.19	0.36	6.30		
	0010	0667	3103	2434	746			0.21	0.38	3.85		
	0015	0656	3215	2525	712			0.41	0.46	3.85		
	0020	0638	3292	2588	691			0.41	0.56	4.41		
	0030	0528	3361	2656	666			0.68	0.73	8.27		
	0040	0564	3349	2642	666			0.69	0.76	6.62		
	0050	0557	3419	2699	618			0.90	1.04	10.48		
	0060	0638	3484	2740	627			0.82	0.99	5.20		
	0070	0629	3497	2751	631			0.88	1.00	5.98		

Bt Slide Sk 116/395/68

Observer Jonasson

N 57° 11.5′

E 11° 40′

	NO_3-N µgat/l
0000	0.20
0005	0.15
0010	3.70
0015	4.60
0020	3.65
0030	6.50
0040	4.90
0050	6.10
0060	2.72
0070	3.22

11 "Skagerak"

77 Sweden

Station

L:a Middelgrund

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0104	56	58	011	46	0	968	06	04	16	0090	01	006	16	10	19 2	16 0	00		3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	NO_3-N µgat/l	Si 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
16	0000	15.04	12.00	08.37	7.24			0.14	0.10	6.27	1	7
	0005	15.13	12.10	08.43	7.19			0.16	0.15	7.86		
	0010	10.07	17.54	13.41	7.66			0.16	0.15	4.90		
	0015	04.39	31.61	25.07	7.30			0.31	4.30	3.28		
	0020	05.97	32.79	25.83	6.82			0.42	5.75	4.82		
	0030	05.29	33.41	26.40	6.55			0.62	7.65	9.80		
	0040	04.96	33.74	26.70	6.23			0.80	8.05	14.10		
	0050	05.29	34.02	26.89	6.28			0.80	4.72	9.12		
	0060	05.46	34.11	26.94	6.33			0.78	4.95	9.80		
	0070	05.68	34.20	26.98	6.32			0.74	5.20	8.85		
	0080	05.80	34.29	27.03	6.29			0.74	4.65	10.30		

BT Slide Sk 117/395/68

Observer Jonasson

N 56° 57.5′

E 11° 45.5′

11 "Skagerak"

77 Sweden

Station

Kullen

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0105	56	14	012	22	0	968	06	04	21	0024	00	005	00	00	18 0	14 4	0	0	0	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	NO_3-N µgat/l	Si 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
21	0000	1323	0918	0650	788			0.16	0.35	5.10	1	7
	0005	1314	0981	0700	768			0.25	0.30	4.75		
	0010	0910	1788	1379	767			0.12	0.15	4.45		
	0015	0466	3187	2526	616			0.57		12.84		
	0020	0443	3326	2638	517			0.92		22.92		

BT Slide Sk 118/399/68

Observer Jonasson

N 56°14′

E 12° 22.2

11 "Skagerak"

77 Sweden

Station

Arkona

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0106	55	00	014	05	0	968	06	05	09	0048	00	010	11	12	15 0	12 2	0	0	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si. µgat/l	NO_3-N µgat/l	Sci. 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	1042	0766	0570	826				9.92	0.00	1	3
	0005	1046	0755	0561	818			0.09	5.69	0.00		
	0010	1029	0756	0564	827			0.14	10.00	0.12		
	0015	0986	0768	0576	827			0.12	8.62	0.00		
	0020	0918	0780	0594	836			0.14	8.17	0.00		
	0030		0771		838			0.19	8.81	0.15		
	0040	0307	0830	0667	826			0.32	5.24	0.17		
	0045	0278	1372	1100	147			0.72	24.75	0.40		

	Alkal. Mval/l	Tot. P. µgat/l
0000	1.473	0.23
0005		0.28
0010	1.473	0.28
0015		0.26
0020		0.31
0030	1.483	0.30
0040	1.497	0.37
0045	1.804	1.14

BT Slide Sk 119/399/68

Observer Jonasson

11 "Skagerak"

77 Sweden

Station

Hamrarna sund

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0107	55	18	014	24	0	968	06	05	12	0047	00	000	11	04	19 8	15 1	0	0	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si 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					77	78
12	0000	10.30	07.55	05.63	8.28			0.12	3.40	0.17	1	7
	0005	10.92	07.55	05.55	8.25			0.12	6.34	0.09		
	0010	09.61	07.48	05.64	8.34			0.26	7.35	0.00		
	0015	09.63	07.54	05.69	7.81			0.17	10.83	0.00		
	0020	09.60	07.55	05.71	8.33			0.19	4.41	0.26		
	0030		07.55		7.61			0.19	9.28	0.00		
	0040	04.49	07.71	06.18	6.42			0.26	14.42	0.00		
	0045	02.69	10.60	08.52	5.75			0.45	18.70	0.94		

BT Slide Sk 120/399/68

Observer Jonasson

N 55° 17.5

E 14° 24°

11 "Skagerak"

77 Sweden

Station

Christiansö

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0108	55	23	015	20	0	968	06	05	15	0090	01	013	09	16	12 2	11 9	2	83	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
15	0000	1029	0746	0556				0.06	0.28	1	3
	0005	1027	0746	0556				0.09	0.34		
	0010	1020	0746	0557				0.12	0.30		
	0015	0915	0748	0569				0.11	0.37		
	0020	0888	0752	0575				0.19	0.46		
	0030	0487	0765	0612				0.19	0.36		
	0040	0268	0828	0665				0.29	0.39		
	0050	0291	1132	0908				0.39	0.58		
	0060	0335	1407	1126				0.64	1.17		
	0070	0534	1516	1203				1.43	1.57 x		
	0080	0599	1796	1418				1.73	1.61		

	Si. µgat/l	NO_3-N µgat/l
0000	13.02	0.16
0005	13.40	0.00
0010	10.63	0.19

BT Slide Sk 121/395/68

Observer Jonasson

11 "Skagerak"

77 Sweden

Station

Bornholm Deep

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0009	55	15	015	59	0	968	06	05	19	0093	01	010	20	10	14 2	12 8	2	8	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Alkal. Mval/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
19	0000	10.16	07.51	05.62	875			0.12	1.427	0.31	1	3
	0005	10.17	07.53	05.63	886			0.12		0.30		
	0010	09.85	07.55	05.68	882			0.12	1.449	0.37		
	0015	09.22	07.57	05.75	887			0.12		0.46		
	0020	08.25	07.53	05.82	873			0.14		0.57		
	0030	06.05	07.57	06.00				0.17	1.451	0.47		
	0040	02.07	07.65	06.16	892			0.30		0.34		
	0050	02.79	07.91	06.36	809			0.52	1.454	0.48		
	0060	02.77	10.34	08.31	620			0.69		0.71		
	0070	04.88	13.09	10.42	260			1.11	1.885	1.35		
	0080	05.73	14.74	11.67	117			1.61	1.874	1.87		
	0087	05.99	15.22	12.03	0			1.90	1.764	1.98		

BT Slide Sk 122/395/68

Observer Randers

11 "Skagerak"

77 Sweden

Station

Stolpe Channel

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0110	55	13	017	04	0	968	06	05	23	0089	01	014	20	10	12 2	10 7	2	8	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
23	0000	10.67	07.51	05.55	8.57			0.06	0.44	1	3
	0005	09.64	07.51	05.67	8.51			0.11	0.64		
	0010	09.60	07.49	05.66	8.48			0.11	0.75		
	0015	09.41	07.49	05.68	8.65			0.08	0.91		
	0020	07.14	07.47	05.85	8.62			0.10	0.75		
	0030	05.04	07.57	06.04	8.53			0.19	2.65		
	0040	02.84	07.75	06.24	8.24			0.31	1.29		
	0050	02.91	08.10	06.52	6.86			0.37	1.75		
	0060	03.39	09.40	07.54	5.66			0.46	0.95		
	0070	03.78	10.36	08.30	4.47			0.69	1.39		
	0080	04.27	11.47	09.16	3.69			0.90	2.24		

BT Slide Sk 123/395/68

Observer Jonasson

	NO_3-N µgat/l	Si µgat/l
0000	0.00	11.60
0005	0.00	6.27
0010	0.10	11.15
0015	0.53	7.92
0020	0.62	11.50
0030	0.20	9.12
0040	0.05	12.80
0050	0.00	10.98
0060	0.05	15.75
0070	0.20	20.45
0080	0.62	11.60

11 "Skagerak"

77 Sweden

Station

Rysshålan

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0111	55	38	018	36	0	968	06	06	05	0096	01	013	20	10	13 8	11 8	4	2	0	

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
05	0000	1050	0752	0558	900			0.10	x 2.65	1	3
	0005	1053	0751	0557	901			0.08	0.73		
	0010	1045	0748	0556	912			0.06	1.48		
	0015	0972	0747	0562	933			0.09	1.25		
	0020	0759	0748	0582	892			0.14	0.49		
	0030	0579	0748	0594	879			0.12	1.41		
	0040	0281	0762	0613	888			0.20	0.67		
	0050	0249	0765	0616	880			0.18	1.00		
	0060	0237	0772	0621	875			0.15	0.45		
	0070	0287	0839	0674	670			0.33	0.49		
	0080	0431	1011	0808	166			1.37	x 1.35		
	0090	0438	1068	0853	196			1.44	x 1.05		

BT Slide Sk 124/395/d8

Observer Jonasson

	NO_3-N µgat/l	Si µgat/l
0000	0.15	8.40
0005	0.10	10.32
0010	0.10	11.25
0015	0.05	9.30
0020	0.00	7.55
0030	0.00	12.43
0040	0.05	13.80
0050	0.05	13.80
0060	0.05	14.62
0070	0.10	19.68
0080	3.15	28.70
0090	3.30	32.75

11 "Skagerak"

77 Sweden

Station

Klaipeda

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0112	56	07	019	19	0	968	06	06	10	0122	01	009	20	10	14 0	12 0	0	0	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
10	0000	10.18	07.42	05.54	921			0.09	0.54	1	3
	0005	10.10	07.45	05.57	928			0.15	0.87		
	0010	09.54	07.44	05.63	925			0.14	0.38		
	0015	07.49	07.44	05.81	911			0.16	0.26		
	0020	07.27	07.44	05.82	901			0.14	0.75		
	0030	05.85	07.45	05.92	883			0.18	0.92		
	0040	05.10	07.54	06.02	854			0.09	0.63		
	0050	02.40	07.64	06.15	893			0.14	1.03 x		
	0060	02.43	07.70	06.21	822			0.14	0.23		
	0070	02.93	08.34	06.71	596			0.66	1.08		
	0080	04.33	10.18	08.14	201			1.35	1.67		
	0090	04.63	10.87	08.67	202			1.45	1.72 x		
	0100	04.72	11.03	08.79	170			1.56	1.90		
	0110	04.97	11.24	08.95	104			1.81	1.65 x		

BT Slide Sk 125/395/68

Observer Jonasson

	NO_3-N µgat/l	Si µgat/l
0000	0.10	11.60
0005	0.20	6.37
0010	0.10	10.68
0015	0.05	13.80
0020	0.10	9.68
0030	0.15	13.52
0040	0.10	11.33
0050	0.10	5.72
0060	0.10	13.07
0070	0.25	11.60
0080	4.90	38.70
0090	4.50	31.25
0100	7.15	42.60
0110	7.80	45.80

11 "Skagerak"

77 Sweden

Station

Gotland Deep

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0113	57	20	020	03	0	968	06	06	17	0249	02	010	20	10	12 9	11 7	2	73		0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Alkal. Mval/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
18	0000	1033	0749	0558	952			0.09	1.484	0.49	1	3
	0005	1031	0749	0558	955			0.06	1.500	0.52		
	0010	1025	0749	0560	950			0.11	1.478	0.52		
	0015	0777	0752	0585	991			0.09	1.476	0.67		
	0020	0681	0747	0588	929			0.12	1.435	0.46		
	0030	0544	0749	0597	885			0.26	1.438	0.22		
	0040	0295	0757	0610	892			0.21	1.454	0.36		
	0050	0262	0763	0614	887			0.29	1.468	0.52		
	0060	0244	0775	0624	827			0.31	1.465	0.56		
	0070	0406	0926	0741	268			1.12	1.548	1.41		
	0080	0454	1020	0815	080			1.81	1.594	2.03		
	0090	0471	1072	0855	070			2.02	1.621	2.22		
17	0100	0479	1088	0867	069				1.637	1.89		
	0125	0510	1146	0912	054			2.04	1.621	2.13		
	0150	0543	1212	0962	024			2.50	1.637	2.80		
	0175	0561	1248	0989	016			4.12	1.689	4.65		
	0200	0575	1262	0999	0			5.83	1.702	5.82		
	0225	0577	1270	1005	0			6.00	1.729	6.75		
	0240	0579	1274	1009	0			6.70	1.761	7.60		

BT Slide Sk 126/395/68

Observer Jonasson

	H_2S µgat/l
0175	7.60
0200	16.85
0225	23.10
0240	39.50

11 "Skagerak" Station

77 Sweden 1968 Gotland Deep

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0113	57	20	020	03	0	968	06	06	17	0249	02	010	20	10	129	117	2	7	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen mi/l	Oxygen %	pH	NO_2-N µgat/l	NO_3-N µgat/l	Si 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							0.15	0.10	6.52		
	0005							0.22	0.05	12.52		
	0010							0.07	0.35	10.41		
	0015							0.05	0.05	8.30		
	0020							0.05	0.05	10.98		
	0030							0.03	0.00	5.81		
	0040							0.06	0.10	11.70		
	0050							0.02	0.05	13.43		
	0060							0.03	0.05	12.16		
	0070							0.18	0.75	27.80		
	0080							0.02	4.28	28.30		
	0090							0.84	5.00	23.80		
17	0100							0.22	2.85	25.20		
	0125							0.15	5.25	35.70		
	0150							0.63	1.27	45.60		
	0175							0.26	0.10	63.20		
	0200							0.14	2.00	23.40		
	0225							0.04	0.20	37.90		
	0240							0.04	0.05	67.50		

11 "Skagerak"

77 Sweden

Station

SS 32 B

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0114	61	16	017	28	0	968	06	10	07	0036	00	010	36	14	09 6	063	0	0	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si 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					77	78
07	0000	0808	0483	0370	887			0.06	7.30	0.49	1	7
	0005	0812	0485	0371	885			0.09	9.78	0.35		
	0010	0793	0487	0374	896			0.13	8.00	0.10		
	0015	0643	0509	0401	914			0.15	8.23	0.00		
	0020	0560	0519	0413	936			0.13	11.10	0.10		
	0030	0327	0539	0434	917			0.19	6.70	0.05		

BT Slide Sk 127/399/68

Observer Jonasson

N 61° 15.5′

E 17° 28′

11 "Skagerak"

77 Sweden

Station

SS 32

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0115	61	12	017	52	0	968	06	10	09	0071	01	011	36	14	09 6	06 2	1	1	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
09	0000	0743	0541	0420	922			0.09	0.39	1	3
	0005	0740	0541	0421	939			0.13	0.24		
	0010	0723	0541	0422	863			0.12	0.23		
	0015	0647	0544	0429	944			0.12	0.45		
	0020	0500	0553	0442	962			0.13	0.39		
	0030	0337	0553	0446	971			0.13	0.25		
	0040	0319	0556	0448	968			0.13	0.22		
	0050	0277	0558	0450	969			0.13	0.28		
	0060	0240	0564	0455	922			0.19	0.30		

BT Slide Sk 128/399/68

Observer Engström

	Si µgat/l	NO_3-N µgat/l
0000	11.28	0.10
0005	10.85	0.15
0010	12.55	0.15
0015	12.35	0.10
0020	16.88	0.10
0030	17.50	0.10
0040	16.05	0.10
0050	16.12	0.20
0060	14.88	0.70

11 "Skagerak"

77 Sweden

Station

SS 31 B

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0116	61	08	018	15	0	968	06	10	10	0069	01	018	36	12	08 5	06 2	0	0	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Alkal. Nval/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
10	0000	06.27	05.49	04.33	952			0.09	1.182	0.41	1	3
	0005	06.18	05.50	04.35	941			0.06				
	0010	06.14	05.49	04.34	943			0.08	1.161	0.61		
	0015	06.15	05.49	04.34	938			0.09		0.62		
	0020	06.06	05.49	04.35	959			0.13		0.63		
	0030	04.06	05.55	04.46	964			0.15	1.166	0.36		
	0040	03.31	05.56	04.48	983			0.18		0.46		
	0050	03.20	05.60	04.51	959			0.15	1.187	0.88		
	0060	02.39	05.68	04.58	845			0.25	1.195	1.14		

BT Slide Sk 129/395/68

Observer Engström

	Si µgat/l	NO_3-N µgat/l
0000	9.10	0.05
0005	6.22	0.00
0010	7.32	0.05
0015	10.18	0.05
0020	8.35	0.00
0030	9.55	0.00
0040	9.82	0.00
0050	8.43	0.05
0060	7.23	0.65

11 "Skagerak" Station

77 Sweden SS 31

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0117	61	05	018	37	0	968	06	10	12	0030	00	000	36	10	10 0	064 0	0		3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si 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					77	78
12	0000	0708	0552	0431	932			0.06	11.85	0.05	1	7
	0005	0692	0552	0432	941			0.07	16.30	0.05		
	0010	0669	0552	0434	933			0.09	13.30	0.05		
	0015	0617	0554	0438	943			0.06	13.95	0.00		
	0020	0530	0556	0444	946			0.10	11.93	0.00		
	0025	0339	0559	0451	944			0.13	6.22	0.10		

BT Slide Sk 130/399/68

Observer Engström

N 61° 04.5′

E 18°37′

11 "Skagerak"

77 Sweden

Station

SS 30 B

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0118	61	05	019	07	0	968	06	10	14	0060	00	017	34	04	089	06 7	0	0	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si 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					77	78
14	0000	0703	0566	0442	973			0.06	16.22	0.15	1	7
	0005	0697	0566	0443				0.09	7.15	0.20		
	0010	0674	0566	0445	969			0.15	13.75	0.15		
	0015	0665	0566	0445	973			0.12	9.18	0.10		
	0020	0652	0566	0446	972			0.10	11.58	0.10		
	0030	0331	0568	0458	979			0.10	11.20	0.20		
	0040	0298	0571	0461	917			0.14	11.38	0.15		
	0050	0201	0586	0472	929			0.19	13.68	0.35		

BT Slide Sk 131/399/68

Observer Jonasson

N 61° 04.5′

E 19° 07′

11 "Skagerak"

77 Sweden

Station

SS 30

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. '	Long. °	Long. '	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0119	61	05	019	35	0	968	06	10	16	0115	01	014	34	06	09 6	06 9	0	0	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
16	0000	0704	0566	0435	968			0.06	1.80 x	1	
	0005	0700	0566	0435	962			0.12	0.46		
	0010	0686	0566	0436	968			0.15	0.51		
	0015	0664	0566	0437	968			0.15	1.08 x		
	0020	0301	0570	0459	986			0.18	0.38		
	0030	0286	0574	0463	981			0.18	1.12 x		
	0040	0259	0575	0463	985			0.20	0.57		
	0050	0209	0576	0464	992			0.17	0.28		
	0060	0185	0590	0475	919			0.18	1.17 x		
	0070	0141	0629	0506	815			0.29	0.71		
	0080	0205	0644	0519	698			0.39	0.80		
	0090	0289	0648	0522	637			0.66	0.53 x		
	0100	0286	0663	0535	675			0.54	0.51 x		

BT Slide 132/395/68

Observer Randers

	Si µgat/l	NO_3-N µgat/l
0000	8.34	0.10
0005	6.70	0.05
0010	9.01	0.10
0015	7.52	0.05
0020	6.80	0.00
0030	6.03	0.00
0040	8.10	0.00
0050	5.32	0.00
0060	3.12	0.00
0070	7.00	1.15
0080	4.80	1.00
0090	5.90	1.50
0100	10.57	2.35

11 "Skagerak"

77 Sweden

Station

SS 29 B

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb		Temperature Wet bulb		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	55 56	57	58 59	60	61	62	63	64
0120	61	06	019	57	0	968	06	10	17	0115	01	013	34	06	09	4	06	5	0	0	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Alkal. Nval/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
17	0000	0680	0567	0445	967			0.13	1.185	0.76	1	3
	0005	0671	0566	0445	978			0.13		x 1.19		
	0010	0669	0563	0443	966			0.14	1.185	0.97		
	0015	0631	0564	0445	968			0.14		x 1.10		
	0020	0368	0567	0457	989			0.10		x 1.10		
	0030	0307	0568	0458	975			0.12	1.198	0.61		
	0040	0299	0570	0460	993			0.13		0.49		
	0050	0268	0573	0462	992			0.13	1.187	0.29		
	0060	0243	0578	0466	978			0.13	1.198	x 1.17		
	0070	0129	0615	0494	841			0.15	1.266	0.32		
	0080	0228	0638	0515	728			0.25	1.303	0.45		
	0090	0283	0651	0525	679			0.35	1.341	0.74		
	0100	0237	0658	0530	726			0.46	1.349	1.50		
	0110	0243	0667	0538	769			0.72	1.344	0.57		

BT Slide Sk 133/395/68

Observer Randers

	Si µgat/l	NO_3-N µgat/l
0000	8.82	0.10
0005	10.10	0.15
0010	10.38	0.90
0015	7.32	0.05
0020	3.70	0.05
0030	11.58	0.23
0040	10.10	0.30
0050	11.30	0.20
0060	11.95	0.23
0070	9.73	2.18
0080	9.82	1.60
0090	9.38	2.03
0100	12.02	2.65
0110	10.83	3.41

11 "Skagerak"

77 Sweden

Station

SS 29

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0121	61	07	020	16	0	968	06	10	19	0110	01	015	34	06	086	064	0	0	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
19	0000	0711	0572	0447	962			0.14	0.23	1	3
	0005	0704	0571	0447	958			0.14	0.23		
	0010	0707	0571	0447	971			0.13	0.26		
	0015	0672	0573	0451	977			0.12	0.29		
	0020	0442	0573	0460	002			0.13	0.20		
	0030	0286	0574	0463	001			0.15	0.15		
	0040	0261	0576	0464	999			0.15	0.13		
	0050	0257	0578	0466	930			0.18	0.10		
	0060	0094	0607	0487	884			0.18	0.21		
	0070	0175	0631	0508	797			0.32	0.19		
	0080	0229	0644	0519	754			0.35	0.26		
	0090	0257	0656	0529	734			0.36	0.23		
	0100	0240	0660	0532	750			0.42	0.30		

BT Slide Sk 134/395/68

Observer Engström

N 61° 06.5′

E 20° 16′

	Si µgat/l	NO_3-N µgat/l
0000	7.72	0.14
0005	9.38	0.10
0010	5.50	0.00
0015	4.80	0.00
0020	10.82	0.10
0030	7.18	0.00
0040	6.20	0.00
0050	7.25	0.00
0060	5.80	0.68
0070	6.00	1.12
0080	7.08	1.12
0090	11.10	2.40
0100	8.00	1.35

11 "Skagerak"

77 Sweden

Station

SS 28 B

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0122	61	07	020	37	0	968	06	10	20	0076	01	015	34	06	08 2	06 0	0	0	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si 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					77	78
20	0000	0688	0572	0449	960			0.09	11.28	0.10	1	7
	0005	0685	0573	0450	963			0.12	9.55	0.10		
	0010	0688	0572	0449	955			0.10	4.98	0.00		
	0015	0670	0571	0449	954			0.13	7.25	0.00		
	0020	0327	0573	0462	995			0.12	7.08	0.05		
	0030	0294	0574	0463	997			0.14	6.80	0.10		
	0040	0246	0576	0464	984			0.13	14.78	0.10		
	0050	0234	0578	0466	984			0.14	5.08	0.05		
	0060	0098	0609	0489	880			0.14	10.20	1.12		
	0070	0155	0635	0511	808			0.31	9.48	1.65		

BT Slide Sk 135/395/68

Observer Engström

N 61° 07.2′

E 20° 37′

11 "Skagerak" Station

77 Sweden SS 28

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0123	61	08	020	55	0	968	06	10	22	0035	00	017	34	08	10 0	08 0	0	0	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
22	0000	0681	0563	0442	933			0.08	0.18	1	3
	0005	0685	0563	0442	939			0.07	0.15		
	0010	0691	0563	0441	938			0.10	0.21		
	0020	0282	0571	0461	999			0.12	0.14		
	0030	0162	0588	0473	910			0.20	0.20		

BT Slide Sk 136/399/68

Observer Engström

N 61° 07.5′

E 20° 55′

	Si µgat/l	NO_3-N µgat/l
0000	6.25	0.00
0005	6.61	0.00
0010	8.10	0.00
0020	12.69	0.21
0030	13.31	1.17

11 "Skagerak"

77 Sweden

Station

F 33

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0124	60	33	018	55	0	968	06	11	04	0140	01	013	00	00	09 5	08 0	0	0	1	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
04	0000	0781	0554	0428	931			0.09	0.34	1	3
	0005	0778	0554	0428	931			0.12	0.28		
	0010	0765	0552	0428	931			0.17	0.29		
	0015	0518	0559	0447	968			0.13	0.27		
	0020	0433	0563	0452	974			0.13	2.62		
	0030	0368	0567	0456	922			0.13	0.82		
	0040	0221	0572	0461	962			0.15	1.53		
	0050	0310	0607	0489	947			0.20	1.67		
	0060	0247	0666	0537	891			0.32	0.43		
	0070	0236	0674	0544	884			0.32	0.38		
	0080	0236	0674	0544	891			0.35	0.88		
	0090	0240	0676	0545	880			0.38	0.44		
	0100	0233	0679	0548	890			0.36	0.55		
	0125	0231	0681	0549	878			0.37	0.58		

BT Slide Sk 137/395/68

Observer Jonasson

	Si µgat/l	NO_3-N µgat/l
0000	9.84	0.18
0005	9.56	0.05
0010	9.38	0.00
0015	8.35	0.68
0020	7.50	0.00
0030	9.48	0.00
0040	15.60	0.10
0050	15.75	0.50
0060	15.18	1.60
0070	12.05	1.40
0080	8.12	0.50
0090	13.99	1.60
0100	15.82	2.17
0125	16.38	2.17

11 "Skagerak"

77 Sweden

Station

Ålands hav

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0125	60	13	019	05	0	968	06	11	07	0273	03	015	32	02	09 8	08 0	00		1	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Alkal. Mval/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
08	0000	0784	0557	0430	924			0.06	1.134	0.29	1	3
	0005	0775	0557	0431				0.08		0.29		
	0010	0763	0557	0431	926			0.08	1.187	0.31		
	0015	0571	0559	0444	959			0.11		0.30		
	0020	0393	0572	0461	959			0.11		0.35		
	0030	0242	0621	0501	901			0.11	1.301	0.34		
	0040	0178	0658	0530	892			0.16		0.34		
	0050	0208	0670	0540	896			0.24	1.303	0.47		
	0060	0240	0674	0543	899			0.27	1.354	0.41		
	0070	0265	0678	0547	898			0.25	1.376	0.60		
	0080	0265	0681	0549	898			0.30	1.376	0.40		
	0090	0220	0684	0552	884			0.36	1.376	0.46		
	0100	0203	0687	0554	887			0.38	1.287	0.55		
07	0125	0255	0691	0557	869			0.38	1.381	0.45		
	0150	0231	0694	0559	862			0.44	1.381	0.55		
	0175	0236	0697	0562	838			0.49	1.384	0.57		
	0200	0220	0699	0563	836			0.49	1.403	0.58		
	0225	0209	0700	0564	851			0.52	1.379	0.63		
	0260	0206	0700	0564	826			0.55	1.284	0.73		

BT Slide Sk 138/395/68

Observer Jonasson

N 60° 12.5′

E 19° 04.5′

11 "Skagerak"
77 Sweden

1968

Station
Ålands hav

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. '	Long. °	Long. '	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0125	60	13	019	05	0	968	06	11	07	0273	03	015	32	02	098	080	0	0	1	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	Si 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				77	78
08	0000							13.80	0.05		3
	0005							10.22	0.10		
	0010							9.95	0.00		
	0015							11.00	0.20		
	0020							18.28	0.14		
	0030							12.50	0.68		
	0040							15.32	1.79		
	0050							17.72	2.56		
	0060							16.62	2.46		
	0070							11.20	1.56		
	0080							12.77	2.02		
	0090							10.88	2.53		
	0100							14.70	2.54		
	0125							13.13	2.34		
	0150							15.25	3.14		
	0175							12.31	2.47		
	0200							19.30	3.03		
	0225							16.52	2.33		
	0260							14.60	2.82		

11 "Skagerak"

77 Sweden

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Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0126	58	53	020	19	0	968	06	11	16	0160	01	008	32	04	11 6	095	0	0	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Alkal. Mval/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					77	78
16	0000	10.15	06.58	04.89	880			0.12	1.293	0.20	1	3
	0005	10.15	06.57	04.89	881			0.12		0.25		
	0010	09.81	06.57	04.92	888			0.11	1.368	0.09		
	0015	08.98	06.97	05.32	909			0.11		0.00		
	0020	05.08	07.01	05.60	930			0.12		0.06		
	0030	03.76	07.19	05.79	916			0.18	1.460	0.00		
	0040	02.41	07.36	05.93	883			0.20		0.00		
	0050	02.33	07.74	06.23	765			0.34	1.497	0.36		
	0060	03.18	08.48	06.81	500			0.69		1.05		
	0070	04.29	09.96	07.96	157			1.73	1.613	5.45		
	0080	04.63	10.46	08.35	059			2.34	1.583	6.04		
	0090	04.69	10.68	08.52	049			2.35	1.637	7.44		
	0100	04.82	10.90	08.69	039			2.65	1.562	5.46		
	0125	04.91	11.22	08.94	018			2.90	1.602	6.17		
	0150	04.97	11.30	09.00	017			3.20	1.573	6.49		

	Si. µgat/l	Tot. P µgat/l
0000	10.83	0.28
0005	11.58	0.34
0010	14.42	0.35
0015	12.86	0.36
0020	11.20	0.44
0030	11.76	1.92
0040	14.16	0.75
0050	17.09	0.48
0060	25.90	0.60 x
0070	47.75	1.32 x
0080	55.90	1.82 x
0090	56.50	1.44 x
0100	44.90	1.78 x
0125	56.30	2.27 x
0150	65.50	2.06 x

BT Slide Sk 139/395/68

Observer Jonasson

11 "Skagerak"

77 Sweden

Station

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1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0127	58	47	019	06	0	968	06	11	22	0120	01a	011	32	04	108	094	0	0		10

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	NO_3-N µgat/l	Si. 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
22	0000	0995	0658	0491	904			0.06	0.12	15.25	1	7
	0005	1000	0658	0491	907			0.11	0.09	11.11		
	0010	0955	0664	0500	899			0.10	0.17	10.20		
	0015	0581	0700	0556	947			0.07	0.03	12.31		
	0020	0480	0704	0563	920			0.08	0.06	10.92		
	0030	0516	0714	0570	907			0.12	0.21	11.11		
	0040	0287	0724	0584	906			0.12	0.03	14.23		
	0050	0244	0740	0597	841			0.18	0.06	15.80		
	0060	0282	0790	0636	672			0.56	0.06	22.15		
	0070	0375	0897	0719	307			1.47	1.00	41.20		
	0080	0410	0966	0773	164			2.10	3.23	46.00		
	0090	0445	1019	0814	081			2.50	4.94	54.85		
	0100	0459	1056	0843	046			2.75	4.75	42.00		
	0110	0483	1101	0877	029			2.76	7.13	56.50		

Bt Slide Sk 140/395/68

Observer Jonasson

11 "Skagerak"

77 Sweden

Station

Landsort Deep

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0128	58	35	018	14	0	968	06	11	23	0459	04	008	27	02	110	097	00		2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Alkal. Mval/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
24	0000	1083	0659	0482	906			0.08	1.284	0.50	1	3
	0005	1083	0655	0479	898			0.07		0.51		
	0010	1032	0669	0496	908			0.06	1.293	0.43		
	0015	0887	0689	0527	924			0.10		0.51		
	0020	0499	0712	0569	914			0.14		0.41		
	0030	0420	0721	0579	900			0.14	1.411	0.31		
	0040	0293	0740	0596	800			0.15		0.40		
	0050	0270	0793	0638	696			0.52	1.449	0.85		
	0060	0399	0936	0749	191			1.92	1.554	2.24		
	0070	0428	0976	0781	121			2.40	1.557	2.60		
	0080	0425	1000	0800	061			2.73	1.570	2.82		
	0090	0432	1010	0809	060			2.75	1.593	2.98		
23	0100	0445	1038	0829	024			2.81	1.589	2.94		
	0125	0460	1068	0852	038			2.74	1.586	2.94		
	0150	0473	1079	0860	024			3.00	1.586	3.05		
	0175	0472	1088	0868	020			3.12	1.586	3.18		
	0200	0474	1094	0872	016			3.12	1.559	3.22		
	0300	0483	1100	0877	028			3.46	1.559	3.63		
	0400	0479	1104	0880	014			3.46	1.621	3.60		
	0440	0480	1104	0880	013			3.45	1.659	3.70		

BT Slide Sk 141/395/68

Observer Jonasson

11 "Skagerak"
77 Sweden

1968

Station
Landsort Deep

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0128	58	35	018	14	0	968	06	11	23	0459	04	008	27	02	110	097	0	0	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	Si µgat/l	NO_3-N µgat/l	NO_2-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					77	78
24	0000							11.30	0.00	0.00		3
	0005							11.58	0.17			
	0010							12.95	0.05	0.10		
	0015							10.29	0.22			
	0020							11.11	0.09	0.00		
	0030							11.11	0.06	0.00		
	0040							7.99	0.33	0.00		
	0050							18.40	0.20	0.21		
	0060							38.70	0.95	0.00		
	0070							48.80	2.68	0.00		
	0080							55.20	2.70	0.00		
	0090							56.20	3.10	0.00		
23	0100							34.70	1.35	0.03		
	0125							52.30	3.80	0.06		
	0150							48.80	3.05	0.05		
	0175							63.50	4.95	0.00		
	0200							56.20	3.25	0.17		
	0300							63.00	4.75	0.25		
	0400							61.20	2.20	0.00		
	0440							63.70	2.95	0.03		

11 "Skagerak"

77 Sweden

Station

Norrköping Deep F 90

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0129	58	00	018	00	0	968	06	12	07	0185	02	010	29	04	11 6	10 21	1	5	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Alkal. Mval/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
07	0000	1068	0714	0526	927			0.18	1.406	0.37	1	3
	0005	1063	0708	0522	908			0.15		0.44		
	0010	1043	0708	0526	920			0.10	1.425	0.49		
	0015	0729	0704	0551	936			0.13		0.57		
	0020	0543	0711	0567	910			0.14		0.33		
	0030	0511	0712	0569	912			0.15	1.425	0.39		
	0040	0429	0715	0574	883			0.21		0.96		
	0050	0223	0727	0585	869			0.33	1.336	0.47		
	0060	0254	0757	0610	729			0.60		0.80		
	0070	0361	0866	0695	387			1.42	1.500	1.41		
	0080	0404	0940	0752	077			2.21		1.68		
	0090	0423	0992	0793	165			2.84		1.81		
	0100	0439	1022	0817	031			3.50	1.578	2.81		
	0115	0438	1033	0826	032			3.34		2.20		
	0140	0449	1043	0833	012			2.87		2.85		
	0165	0446	1052	0841	014			4.06		2.75		
	0180	0448	1052	0841	054			3.94	1.530	3.60		

	Si. µgat/l	NO_3-N µgat/l
0000	6.26	0.20
0005	8.20	0.05
0010	11.33	0.05
0015	9.03	0.05
0020	5.45	0.00
0030	4.52	0.00
0040	10.79	0.05
0050	11.60	0.05
0060	12.80	0.05
0070	26.60	1.00
0080	33.40	2.03
0090	53.70	3.08
0100	55.00	1.92
0115	57.50	2.95
0140	57.00	3.45
0165	48.55	0.60
0180	57.50	1.05

BT Slide Sk 142/395/68

Observer Jonasson

11 "Skagerak"

77 Sweden

Station

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1968

Hydro-Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0130	57	39	018	12	0	968	06	12	10	0100	01	006	02	06	14 4	11 4	1	1	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si. 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					77	78
10	0000	1073	0708	0521	902			0.14	5.27	0.00	1	3
	0005	1011	0714	0533	904			0.16	9.86	0.00		
	0010	0782	0714	0554	905			0.18	7.55	0.05		
	0015	0622	0713	0564	924			0.12	4.90	0.00		
	0020	0533	0712	0569	905			0.15	8.50	0.05		
	0030	0506	0714	0571	895			0.15	12.25	0.20		
	0040	0286	0722	0582	898			0.27	13.72	0.20		
	0050	0240	0735	0592	835			0.37	15.28	0.15		
	0060	0281	0796	0641	630			0.81	15.00	0.20		
	0070	0377	0880	0706	332			1.64	36.00	1.28		
	0080	0411	0959	0767	109			2.61	45.10	2.85		
	0090	0435	1028	0822				3.78	37.15	0.15		
								BT Slide Sk 143/395/68				
								Observer Jonasson				
								N 57° 38.′5				
								E 18° 11.′5				
								H_2S µgat/l				
	0090							2.95				

11 "Skagerak"

77 Sweden

Station

9/9

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0131	57	40	017	56	0	968	06	12	11	0105	01	006	02	06	13 8	116	1	2	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Alkal. Mval/l	H_2S 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	1122	0702	0511	876			0.15	1.384		1	3
	0005	1135	0702	0510	876			0.12				
	0010	0978	0703	0528	886			0.13	1.381			
	0015	0877	0703	0538	906			0.13				
	0020	0521	0712	0569	915			0.13				
	0030	0423	0715	0575	904			0.19	1.427			
	0040	0251	0721	0582	881			0.26				
	0050	0260	0739	0595	820			0.37	1.422			
	0060	0299	0797	0641	607			0.95	1.481			
	0070	0379	0893	0715	288			1.73	1.535			
	0080	0422	0968	0774	096			2.58	1.557			
	0090	0430	1012	0809	024			3.22	1.594			
	0100	0435	1030	0823	008			3.07	1.619	3.55		

BT Slide 144/395/68

Observer Jonasson

	Tot.P µgat/l	Si. µgat/l	NO_3-N µgat/l
0000	0.42	5.43	0.10
0005	0.42	7.48	0.05
0010	0.35	10.50	0.10
0015	0.49	7.28	0.05
0020	0.23	11.25	0.10
0030	0.49	5.80	0.00
0040	0.36	9.50	0.05
0050	0.57	10.13	0.15
0060	0.89	14.80	0.20
0070	1.72	17.73	1.45
0080	2.21	24.70	3.40
0090	2.85	26.90	3.05
0100	2.97	23.55	0.00

11 "Skagerak"

77 Sweden

Station

10/9

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0132	57	42	017	39	0	968	06	12	12	0090	01	000	02	06	15 4	109	00		2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si. 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					77	78
12	0000	1179	0710	0511	862			0.13	7.10	0.15	1	7
	0005	1109	0709	0519	885			0.11	9.40	0.20		
	0010	1072	0715	0527	844			0.12	8.75	0.15		
	0015	0990	0717	0538	886			0.13	6.90	0.05		
	0020	0534	0717	0572	925			0.18	6.90	0.20		
	0030	0566	0723	0576	871			0.29	4.98	0.00		
	0040	0353	0728	0586	865			0.35	9.13	0.10		
	0050	0273	0751	0605	838			0.50	7.83	0.05		
	0060	0294	0787	0633	662			0.87	9.68	0.05		
	0070	0389	0915	0733	216			2.70	11.32	1.57		
	0080	0431	1012	0809	027			3.30	24.20	1.73		

BT Slide Sk 145/395/68

Observer Randers

N 57° 41.5′

E 17° 39′

11 "Skagerak"

77 Sweden

Station

11/9

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0133	57	43	017	22	0	968	06	12	14	0140	01	015	02	06	13 2	10 9	0	0	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si. 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					77	78
14	0000	1232	0696	0492	868			0.24	10.88	0.10	1	7
	0005	1214	0699	0497	857			0.14	5.90	0.05		
	0010	1079	0694	0510	898			0.18	8.68	0.15		
	0015	0880	0692	0521	897			0.17	11.50	0.10		
	0020	0650	0703	0555	912			0.12	9.40	0.15		
	0030	0475	0713	0571	907			0.20	6.45	0.00		
	0040	0416	0722	0580	812			0.35	10.06	0.00		
	0050	0236	0737	0594	843			0.37	9.85	0.05		
	0060	0248	0759	0612	756			0.56	10.42	0.05		
	0070	0301	0818	0658	544			1.05	18.86	0.30		
	0080	0417	0978	0782	088			2.58	40.30	2.13		
	0090	0436	1018	0814	041			3.28	42.00	1.95		
	0100	0437	1033	0826	020			3.30	51.70	3.90		
	0125	0444	1047	0836	016			3.90	43.05	1.20		

BT Slide Sk 146/395/68

Observer Stigebrandt

11 "Skagerak"

77 Sweden

Station

12/9

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0134	57	44	017	06	0	968	06	12	16	0070	01	013	02	06	16 2	112	0	0	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si. 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					77	78
16	0000	1221	0703	0499	868			0.19	5.17	0.00	1	7
	0005	1138	0701	0509	870			0.09	4.80	0.05		
	0010	0854	0688	0528	882			0.11	9.40	0.15		
	0015	0617	0690	0547	879			0.12	6.08	0.05		
	0020	0595	0703	0558	898			0.12	10.88	0.05		
	0030	0560	0708	0564	878			0.18	8.12	0.05		
	0040	0431	0717	0575	870			0.21	10.04	0.10		
	0050	0282	0721	0581	907			0.26	11.16	0.20		
	0060	0295	0775	0624	804			0.74	17.75	0.25		

BT Slide Sk 147/395/68

Observer Stigebrandt

N 57° 44′

E 17° 05.5

11 "Skagerak"

77 Sweden

Station

13/9

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0135	57	46	016	50	0	968	06	12	16	0025	00	007	05	08	16 0	111	00		1	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Si. 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					77	78
16	0000	1184	0685	0490	841			0.19	6.53	0.00	1	7
	0005	1182	0686	0492	838			0.21	9.68	0.05		
	0010	1140	0688	0498	842			0.18	5.34	0.15		
	0015	1033	0689	0511	846			0.30	8.27	0.15		
	0020	0874	0691	0529	847			0.35	10.01	0.23		

BT Slide Sk 148/399/68

Observer Stigebrandt

N 57° 45.7′

E 16° 50′

11 "Skagerak"

77 Sweden

Station

S 41

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. '	Long. °	Long. '	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0136	57	07	017	40	0	968	06	12	21	0110	01	000	18	04	13 0	10 2	0	0	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	Alkal. Mval/l	Si. 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
21	0000	11.05	07.17		05.25		844			0.12	1.425	10.57	1	3
	0005	10.81	07.17		05.28		866			0.12		13.98		
	0010	10.12	07.18		05.36		855			0.12	1.425	12.77		
	0015	07.24	07.18		05.62		890			0.14		16.35		
	0020	05.42	07.21		05.74		882			0.18		15.52		
	0030	03.76	07.23		05.82		881			0.25	1.425	15.45		
	0040	02.72	07.33		05.91		840			0.36		15.45		
	0050	02.52	07.52		06.06		759			0.51	1.457	18.92		
	0060	02.95	07.95		06.40		621			0.85		23.81		
	0070	03.80	09.10		07.29		204			1.90	1.538	42.40		
	0080	04.07	09.61		07.70		088			2.42	1.592	50.00		
	0090	04.30	10.09		08.07		022			3.10	1.565	55.00		
	0100	04.33	10.22		08.17					3.05	1.643	59.10		
	0105	04.33	10.25		08.20					3.20	1.643	67.20		

Obs. depth	H_2S µgat/l	NO_3-N µgat/l	Tot.P µgat/l
0000		0.00	0.31
0005		0.00	0.33
0010		0.00	0.30
0015		0.00	0.42
0020		0.00	0.31
0030		0.00	0.37
0040		0.00	0.40
0050		0.00	0.57
0060		0.00	0.91
0070		3.30	x 1.55
0080		1.88	x 1.63
0090		3.63	x 2.06
0100	10.40	0.00	x 2.77
0105	22.60	0.00	x 3.07

BT Slide Sk 149/395/68

Observer Engström

11 "Skagerak" Station

77 Sweden Segerstad I

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0137	56	33	017	04	0	968	06	13	01	0073	01	017	36	02	11 0		0	0	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	NO_3-N µgat/l	Si. 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
01	0000	11.21	07.24	05.28	8.38			0.19	0.00	15.70	1	7
	0005	11.24	07.23	05.27	8.36			0.06	0.00	14.51		
	0010	10.61	07.18	05.30	8.52			0.11	0.00	15.51		
	0015	10.52	07.22	05.34	7.67			0.11	0.00	15.99		
	0020	06.44	07.18	05.67	9.08			0.14	0.00	16.52		
	0030	05.62	07.19	05.73	8.94			0.15	0.00	17.55		
	0040	05.61	07.25	05.77	8.58			0.18	0.00	16.36		
	0050	04.44	07.43	05.96	7.61			0.30	0.00	15.70		
	0060	03.38	07.66	06.16	7.49			0.41	0.00	17.00		

BT Slide Sk 150/395/68

Observer Jonasson

11 "Skagerak"

77 Sweden

Station

Segerstad II

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0138	56	30	016	52	0	968	06	13	02	0065	01	007	36	02	14 2	11 2	0	0	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	NO_3-N µgat/l	Si. 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
02	0000	1150	0723	0524	826			0.11	0.00	16.80	1	7
	0005	1131	0721	0525	831			0.11	0.00	18.73		
	0010	1058	0720	0533	850			0.14	0.00	17.10		
	0015	1052	0720	0534	842			0.12	0.00	16.36		
	0020	1040	0720	0535	838			0.18	0.00	16.36		
	0030	0599	0720	0572	855			0.24	0.00	16.46		
	0040	0583	0722	0574	853			0.24	0.00	17.00		
	0050	0485	0732	0586	842			0.32	0.00	17.27		
	0060	0357	0763	0613	909			0.50	0.00	19.40		

BT Slide Sk 151/395/68

Observer Randers

N 56° 29.5′

E 16° 52′

11 "Skagerak" Station

77 Sweden 1968 Segerstad III

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0139	56	19	016	41	0	968	06	13	04	0030	00	000	36	04	155	122	0	02	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	NO_3-N µgat/l	Si. 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
04	0000	1141	0720	0523	814			0.13	0.15	14.13	1	7
	0005	1141	0722	0524	821			0.13	0.29	15.07		
	0010	1092	0722	0530	826			0.12	0.49	15.42		
	0015	1074	0720	0531	824			0.13	0.29	15.51		
	0020	1049	0720	0534	843			0.20	0.39	14.41		
	0025	0881	0720	0551	850			0.21	0.37	15.42		

BT Slide Sk 152/399/68

Observer Jonasson

11 "Skagerak"

77 Sweden

Station

Segerstad IV

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0140	56	13	016	40	0	968	06	13	04	0060	00	029	36	06	15 1	11 1	00		2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	NO_3-N µgat/l	Si. 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
04	0000	11.03	07.37	05.40	821			0.11	0.00	15.07	1	3
	0005	10.99	07.37	05.41	815			0.15	0.00	14.41		
	0010	10.58	07.37	05.45	828			0.15	0.00	13.50		
	0015	10.42	07.37	05.47	825			0.19	0.00	14.70		
	0020	10.14	07.38	05.52	829			0.20	0.00	14.33		
	0030	07.65	07.41	05.76	860			0.20	0.00	13.78		
	0040	06.36	07.31	05.78	826			0.24	0.00	14.15		
	0050	03.91	07.58	06.09	736			0.37	0.00	15.80		

	Tot.P µgat/l
0000	0.27
0005	0.30
0010	0.27
0015	0.29
0020	0.34
0030	0.38
0040	0.48
0050	0.51

BT Slide Sk 153/399/68

Observer Randers

13 "Thetis"

77 Sweden

1968

Station

Fj. 55 Marstrandsfjord

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0001	57	54	011	32	0	968	01	08	12	0036	00	000	05	18	X080		1	1	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
12	0000	0063	22892	1836				0.29		34
	0005	0198	23573	1886				0.65		
	0010	0336	25311	2016				0.54		
	0015	0304	27124	2163				0.51		
	0020	0547	30178	2384				0.42		
	0030	0654	34127	2681				0.60		
								BT Slide Th 1/358/68		
								Observer Lagergren		

13 "Thetis"

77 Sweden

1968

Station

P 1

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0002	57	53	011	25	0	968	01	08	13	0068	00	006	05	18	X080		1	1	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
13	0000	0130	22798	1828				0.27		34
	0005	0133	22794	1827				0.54		
	0010	0407	25439	2022				0.38		
	0015	0572	30187	2381				0.38		
	0020	0638	32443	2551				0.42		
	0030	0625	34079	2682				0.42		
	0040	0662	34446	2705				0.54		
	0050	0670	34537	2711				0.51		
								BT Slide Th 2/358/68		
								Observer Lagergren		

13 "Thetis" Station

77 Sweden 1968 P 1 B

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0003	57	52	011	21	0	968	01	08	13	0065	01	006	05	18	080		1	1	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
13	0000	0356	22962	1829				0.29	3	4
	0005	0160	23009	1843				0.38		
	0010	0471	27204	2156				0.65		
	0015	0677	31847	2500				0.48		
	0020	0573	32691	2578				0.42		
	0030	0489	34172	2705				0.54		
	0040	0528	34358	2715				0.48		
	0050	0548	34409	2717				0.42		
	0060	0638	34601	2720				0.42		

BT Slide Th 3/358/68

Observer Engström

N 57° 52.3′

E 11° 21′

13 "Thetis"

77 Sweden

1968

Station

P 2

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0004	57	52	011	18	0	968	01	08	14	0097	01	007	05	18	X060		1	1	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
14	0000	0231	23752	1899				0.29	3	4
	0005	0229	23751	1899				0.26		
	0010	0554	28866	2279				0.29		
	0015	0653	31716	2493				0.29		
	0020	0512	33213	2626				0.29		
	0030	0441	33719	2674				0.42		
	0040	0466	33940	2689				0.60		
	0050	0531	34257	2707				0.51		
	0075	0507	34299	2713				0.48		
	0090	0514	34307	2713				0.42		
								BT Slide Th 4/269/68		
								Observer Engström		

13 "Thetis" Station

77 Sweden 1968 P 2 B

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0005	57	51	011	15	0	968	01	08	14	0075	01	008	05	16	X 060		0	0	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
14	0000	0196	23474	1878				0.23	3	4
	0005	0201	23492	1880				0.42		
	0010	0460	27667	2195				0.27		
	0015	0336	32672	2601				0.27		
	0020	0446	33867	2686				0.27		
	0030	0473	34080	2699				0.29		
	0040	0499	34149	2702				0.29		
	0050	0510	34224	2706				0.29		
	0070	0509	34219	2706				0.29		
								BT Slide Th 5/269/68		
								Observer Lagergren		
								N 57° 51.4′		
								E 11° 14.9′		

13 "Thetis" Station

77 Sweden 1968 P 3

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0006	57	50	011	04	0	968	01	08	15	0048	00	000	02	10	X 070		0	0	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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	0120	23607	1892				0.48	3	4
	0005	0309	28729	2291				0.42		
	0010	0360	33305	2650				0.42		
	0015	0445	33943	2691				0.51		
	0020	0526	34266	2708				0.42		
	0030	0547	34367	2714				0.51		
	0040	0550	34364	2713				0.42		
								BT Slide Th 6/358/68		
								Observer Lagergren		

13 "Thetis"

77 Sweden

1968

Station

P 4

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0007	57	48	010	52	0	968	01	08	17	0060	00	021	02	08	X060		1	6	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
17	0000	0335	27621	2201				0.48	3	4
	0005	0352	27841	2217				0.38		
	0010	0352	33343	2573				0.51		
	0015	0367	33421	2579				0.51		
	0020	0355	33450	2661				0.51		
	0030	0586	34525	2722				0.51		
	0040	0592	34563	2723				0.48		
	0050	0594	34572	2723				0.51		
								BT Slide Th 7/358/68		
								Observer Engström		

13 "Thetis"

77 Sweden

1968

Station

R 53

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0008	57	48	010	42	0	968	01	08	18	0088	01	000	02	10	X050		1	3	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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	0340	31236	2487				0.70	3	4
	0005	0369	33304	2648				0.77		
	0010	0411	33787	2683				0.77		
	0015	0576	34478	2719				0.60		
	0020	0635	34651	2725				0.77		
	0030	0627	34645	2727				1.00		
	0040	0610	34607	2725				0.70		
	0050	0604	34615	2726				0.70		
	0075	0608	34614	2726				0.70		
								BT Slide Th 8/269/68		
								Observer Lagergren		

13 "Thetis"

77 Sweden

Station

M 6

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0009	58	10	009	30	0	968	01	08	23	0635	06	011	29	06	X 030		0	0	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
24	0000	0532	33978	2685	697		821	0.27	3	4
	0005	0529	33980	2685	698		823	0.42		
	0010	0536	33984	2685	699		820	0.48		
	0015	0598	34251	2698	680		821	0.48		
	0020	0599	34295	2701	681		821	0.48		
	0030	0622	34390	2706	683		821	0.48		
	0040	0804	34866	2720	628		823	0.51		
	0050	0847	35084	2729	612		824	0.51		
	0075	0864	35218	2737	547		824	0.77		
	0100	0840	35222	2740	593		824	0.77		
23	0150	0785	35235	2751	564		824	1.00		
	0200	0753	35224	2754	561		822	1.00		
	0300	0671	35199	2763	582		822	1.00		
	0400	0608	35152	2768	630		821	0.77		
	0500	0569	35120	2771	616		818	0.86		
	0600	0524	35073	2773	593		816	0.82		

BT Slide Th 9/269/68

Observer Engström

13 "Thetis"

77 Sweden

1968

Station

R 43

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0010	58	24	009	46	0	968	01	09	02	0650	06	012	27	10	030		0	02	0	

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
02	0000	0526	33793	2671				0.23	3	4
	0005	0528	33802	2671				0.65		
	0010	0535	33818	2672				0.51		
	0015	0567	33993	2682				0.51		
	0020	0564	34064	2688				0.54		
	0030	0565	34169	2696				0.51		
	0040	0733	34574	2705				0.51		
	0050	0774	34884	2725				0.65		
	0075	0857	35182	2735				0.65		
	0100	0830	35189	2740				0.70		
	0150	0795	35207	2747				0.70		
	0200	0759	35230	2753				0.70		
	0300	0663	35194	2763				0.70		
	0400	0617	35161	2768				0.91		
	0500	0573	35126	2771				0.91		
	0600	0560	35117	2772				1.00		

BT Slide Th 10/269/68

Observer Lagergren

N 58° 23.'7

E 09° 45.'8

13 "Thetis"

77 Sweden

1968

Station

Å 18 B

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0011	58	16	010	11	0	968	01	09	05	0475	04	000	27	10	X020		00		2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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	0640	34413	2705				0.42	3	4
	0005	0643	34407	2705				0.38		
	0010	0647	34437	2707				0.38		
	0015	0650	34442	2707				0.54		
	0020	0649	34462	2708				0.51		
	0030	0667	34505	2709				0.51		
	0040	0662	34519	2711				0.51		
	0050	0708	34610	2712				0.51		
	0075	0853	35184	2735				0.51		
	0100	0834	35255	2745				0.51		
	0150	0767	35191	2749				0.48		
	0200	0733	35223	2757				0.82		
	0300	0670	35204	2763				0.77		
	0400	0626	35171	2767				1.00		

BT Slide Th 11/269/68

Observer Engström

13 "Thetis"

77 Sweden

1968

Station

Å 17

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0012	58	15	010	34	0	968	01	09	07	0298	03	000	34	04	X020		0	0	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
07	0000	0560	34527	2725				0.27	3	4
	0005	0565	34528	2724				0.38		
	0010	0570	34539	2724				0.42		
	0015	0619	34672	2729				0.29		
	0020	0652	34726	2729				0.38		
	0030	0681	34828	2733				0.42		
	0040	0692	34842	2733				0.51		
	0050	0718	34902	2734				0.42		
	0075	0814	35141	2738				0.54		
	0100	0824	35206	2742				0.54		
	0150	0789	35240	2750				0.65		
	0200	0719	35222	2759				0.65		
	0275	0689	35208	2762				0.42		

BT Slide Th 12/269/68

Observer Lagergren

N 58° 14.5′

E 10° 34′

13 "Thetis" Station

77 Sweden 1968 Å 16

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0013	58	16	010	44	0	968	01	09	08	0208	02	000	32	06	030		0	02	0	

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
08	0000	0188	29716	2376				0.27	3	4
	0005	0526	33718	2665				0.23		
	0010	0487	34194	2707				0.23		
	0015	0650	34706	2728				0.05		
	0020	0655	34723	2728				0.27		
	0030	0658	34737	2729				0.29		
	0040	0654	34736	2729						
	0050	0683	34766	2728						
	0075	0690	34858	2735						
	0100	0706	34929	2738						
	0150	0752	35084	2743						
	0200	0742	35198	2753						

BT Slide Th 13/269/68

Observer Engström

N 58° 16′

E 10° 43.5

13 "Thetis"

77 Sweden

1968

Station

Å 15

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0014	58	18	010	51	0	968	01	09	10	0138	01	000	36	08	X020		1	1	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
10	0000	0106	23606	1892				0.05	3	4
	0005	0197	26176	2095				0.27		
	0010	0548	34389	2715				0.23		
	0015	0579	34508	2721				0.13		
	0020	0595	[illegible]	[illegible]				0.13		
	0030	0609	34590	2723				0.23		
	0040	0631	34620	2723				0.23		
	0050	0629	34637	2725				0.05		
	0075	0695	34786	2728				0.18		
	0100	0710	34871	2733				0.27		
	0125	0728	34968	2738				0.18		

BT Slide Th 14/269/68

Observer Lagergren

N 58° 17.7′

E 10° 51′

13 "Thetis" Station

77 Sweden 1968 Å 14

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0015	58	19	010	57	0	968	01	09	10	0113	01	009	05	06	X025		1	12		0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
10	0000	0114	22664	1814				0.27	3	4
	0005	0124	24715	1982				0.27		
	0010	0508	28146	2229				0.27		
	0015	0506	34052	2694				0.27		
	0020	0542	34411	2717				0.27		
	0030	0587	34497	2719				0.27		
	0040	0588	34535	2722				0.29		
	0050	0603	34560	2722				0.38		
	0075	0642	34646	2724				0.38		
	0100	0676	34705	2724				0.51		

BT Slide Th 15/269/68

Observer Engström

N 58° 19′

E 10° 56.5

13 "Thetis"

77 Sweden

1968

Station

Å 13

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0016	58	20	011	02	0	968	01	09	11	0086	01	000	05	04	X030		1	1	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
11	0000	0061	24674	1981				0.27	3	4
	0005	0087	24745	1986				0.27		
	0010	0317	26088	2080				0.29		
	0015	0623	32667	2570				0.42		
	0020	0688	34148	2679				0.18		
	0030	0653	34442	2706				0.27		
	0040	0609	34448	2712				0.27		
	0050	0638	34553	2716				0.27		
	0075	0684	34688	2721				0.27		

BT Slide Th 16/269/68

Observer Engström

N 58° 20.'2

E 11° 02′

13 "Thetis" Station

77 Sweden 1968 Å 12

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0017	58	20	011	06	0	968	01	09	12	0048	00	004	34	04	X030		1	1	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
12	0000	0059	24678	1982				0.27	3	4
	0005	0133	24957	2001				0.05		
	0010	0349	26573	2116				0.27		
	0015	0617	32370	2548				0.27		
	0020	0691	33667	2640				0.27		
	0030	0651	34403	2703				0.29		
	0040	0655	34486	2710				0.29		
								BT Slide Th 17/358/68		
								Observer Engström		
								N 58° 20.'2		
								E 11° 06.'1		

13 "Thetis" Station

77 Sweden 1968 Å 11

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0018	58	20	011	10	0	968	01	09	12	0048	00	000	34	04	X030		1	1	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
12	0000	0004	24510	1970				0.23	3	4
	0005	0045	24984	2006				0.23		
	0010	0392	28150	2237				0.23		
	0015	0621	32474	2555				0.27		
	0020	0676	33511	2630				0.38		
	0030	0684	34166	2681				0.23		
	0040	0672	34475	2707				0.23		
								BT Slide Th 18/358/68		
								Observer Lagergren		
								N 58° 20.'2		
								E 11° 09.'5		

13 "Thetis"

77 Sweden

1968

Station

Smedjan

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0019	58	16	011	22	0	968	01	10	09	0050	00	000	09	02	X060		1	3	1	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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	0015	24681	1982	827		813	0.65	3	4
	0005	0092	25116	2014			808	0.71		
	0010	0333	27053	2155	764		811	0.86		
	0015	0546	30457	2406			813	0.82		
	0020	0662	32687	2557	648		816	0.82		
	0030	0690	34193	2681	654		821	0.77		
	0040	0688	34302	2690	654		818	0.86		
	0045	0688	34325	2693	658		820	0.82		
								BT Slide Th 19/358/68		
								Observer Lagergren		
								N 58° 15.85		
								E 11° 22.35		

13 "Thetis"

77 Sweden

1968

Station

Fj. 63 Malmödrag

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0020	58	19	011	22	0	968	01	10	10	0034	00	000	00	00	X065		4	8	0	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
10	0000	X0077	24758	1990	837		818	0.51	3	4
	0005	0127	25344	2030			814	0.65		
	0010	0277	26736	2135	771		814	0.54		
	0015	0523	30177	2386			818	0.60		
	0020	0643	32116	2525	664		818	0.82		
	0030	0692	34319	2691	642		823	0.91		
								BT Slide Th 20/358/68		
								Observer Lagergren		
								N 58° 19.1		
								E 11° 21.7		

13 "Thetis"

77 Sweden

1968

Station

Fj 62 Brofjorden

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0021	58	22	011	26	0	968	01	10	10	0025	00	000	00	00	X065		1	30		1

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
10	0000	X0093	24614	1978	849		816	0.77	3	4
	0005	0084	25224	2023			832	0.77		
	0010	0229	26604	2126	770		828	0.51		
	0015	0498	29804	2358			820	0.54		
	0020	0669	32574	2557	636		823	0.91		
								BT Slide Th 21/358/68		
								Observer Lagergren		
								N 58° 21.6		
								E 11° 25.5		

13 "Thetis"

77 Sweden

1968

Station

Fj 28 Tröskeln

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0022	58	16	011	26	0	968	01	10	12	0060	00	000	00	00	X060		1	30		0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
12	0000	X0016	24848	1997	827		819	0.42	3	4
	0005	0035	25056	2011			819	0.47		
	0010	0289	26792	2138	757		816	0.65		
	0015	0627	31319	2464			817	0.54		
	0020	0787	32869	2565	X623		819	0.65		
	0030	0700	33393	2618	634		821	0.62		
	0040	0697	33681	2641	628		819	0.82		
	0050	0693	34092	2673	643		820	0.77		
								BT Slide Th 22/358/68		
								Observer Engström		
								N 58° 15.62		
								E 11° 26.2		

13 "Thetis"

77 Sweden

Station

Fj 26 Alsbäck

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0023	58	19	011	33	0	968	01	10	12	0118	01	000	05	02	09	0	1	6	0	1

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
13	0000	0068	24680	1983	831		818	0.52	3	4
	0005	0008	24934	2002			819	0.52		
	0010	0189	26101	2088	775		816	0.62		
	0015	0543	29483	2328			816	0.49		
	0020	0799	32317	2520	592		817	0.54		
	0030	0786	33355	2604	582		818	0.62		
	0040	0720	33511	2625	601		819	0.54		
	0050	0703	33743	2645	605		819	0.86		
12	0060	0687	33863	2656	583		820	0.82		
	0070	0671	33955	2665	559		815	0.82		
	0080	0641	33853	2661	306		792	1.92		
	0090	0603	34026	2680	245		783	2.11		
	0100	0589	34039	2683	220		776	2.32		
	0115	0575	33918	2675	351		776			

BT Slide Th 23/269/68

Observer Engström

N 58° 19.′17

E 11°32.′6

13 "Thetis"

77 Sweden

Station

Fj 42 Koljöfjord

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0024	58	14	011	35	0	968	01	11	09	0042	00	000	05	12	X11 0		00		0	1

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	H_2S 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	X0194	23158	1860	778		796	1.11		3	3
	0005	0254	23810	1903	656		789	1.41			
	0010	0652	25108	1972	482		785	1.56			
	0015	0836	26314	2046	329		779	1.21			
	0020	0831	26645	2073	203		768	2.02			
	0025	0620	27743	2184	0		742	2.32	35.0		
	0030	0578	27909	2202			736	3.4	46.4		
	0035	0570	27925	2205			741	3.7	52.3		

BT Slide Th 24/358/68

Observer Engström

N 58° 13.'83

E 11° 34.'8

13 "Thetis"

77 Sweden

1968

Station

Fj 43 Borgilafjord

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0025	58	15	011	38	0	968	01	11	10	0062	01	000	05	12	X 110		0	00		1

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	H_2S 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
10	0000	X 0075	23183	1861	780		783	1.11		3	3
	0005	0192	23633	1891			791	1.26			
	0010	0590	25261	1991	540		788	1.26			
	0015	0716	26091	2043			783	1.41			
	0020	0830	26779	2083	293		776	1.92			
	0030	0581	27885	2200	0		746	3.2	34.9		
	0040	0567	27920	2204			733	3.9	46.1		
	0050	0560	27981	2209			736	3.8	48.0		
	0058	0561	27963	2206			734	3.8	45.6		

BT Slide Th 25/358/68

Observer Engström

N 58° 15.2

E 11° 37.75

13 "Thetis"

77 Sweden

1968

Station

Fj 44 Kalvöfjord

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0026	58	17	011	41	0	968	01	11	11	0060	01	000	02	12	X 110		0	00		1

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	H_2S 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	X 0079	23226	1866	782		790	1.26		3	3
	0005	0053	23419	1880			796	1.00			
	0010	0301	24980	1994	678		818	0.97			
	0015	0434	25641	2035	636		792	1.11			
	0020	0780	26705	2084	X 408		819	1.41			
	0030	0586	27906	2201			800	3.8	25.0		
	0040	0563	27928	2205			739	3.9	40.5		
	0050	0552	27990	2211			737	3.7	49.1		
	0058	0543	28059	2217			738	4.1	66.8		

BT Slide Th 26/358/68

Observer Engström

N 58° 17.'07

E 11° 40.'8

13 "Thetis" Station

77 Sweden 1968 Fj 46 Havstensfjord

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0027	58	19	011	46	0	968	01	11	12	0043	00	004	02	12	X10		0	0	0	1

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
12	0000	X0098	23848	1916	792		801	1.11	3	4
	0005	X0054	23948	1924	789		815	0.91		
	0010	0430	25803	2048	664		808	1.00		
	0015	0731	27681	2166	490		802	1.32		
	0020	0887	30734	2384	387		799	1.92		
	0030	0847	31910	2481	407		800	2.27		
	0037	0829	32040	2494	3.90		799	2.85		
								BT Slide Th 27/358/68		
								Observer Engström		
								N 58° 18.′75		
								E 11° 46.′4		

13 "Thetis" Station

77 Sweden 1968 Fj 48 Björningarna

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0028	58	16	011	49	0	968	01	11	13	0022	00	005	02	12	X10		0	0	0	1

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
13	0000	X0099	23860	1917	803		803	0.97	3	4
	0005	0000	24124	1936	782		803	1.11		
	0010	0247	25476	2035	717		807	1.17		
	0015	0517	27116	2145	575		802	1.17		
	0019	0814	29736	2316	456		800	1.26		
								BT Slide Th 28/358/68		
								Observer Engström		
								N 58° 15.′58		
								E 11° 49.′24		

13 "Thetis"

77 Sweden

1968

Station

Fj 47 Byfjorden

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0029	58	20	011	53	0	968	01	11	14	0049	00	003	36	16	X110		0	0	0	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	H_2S 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
14	0000	0117	22951	1840	664		792	1.50		3	3
	0005	0373	24570	1956	661		804	1.11			
	0010	0778	26472	2065	353		794	1.41			
	0015	0914	28667	2218	142		772	3.1			
	0020	0715	29738	2329			752	12.8	86.3		
	0025	0630	30426	2394			740	11.0	75.0		
	0030	0617	30676	2415			739	8.7	70.3		
	0040	0607	30770	2423			745	9.0	126.3		
	0045	0605	30782	2424			734	11.5	130.0		
								BT Slide Th 29/358/68			
								Observer Engström			

13 "Thetis"

77 Sweden

1968

Station

Fj 49 a Dokorsvik

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0030	58	11	011	51	0	968	01	12	08	0026	00	007	00	00	X130		0	0	0	1

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
08	0000	X0054	23998	1927	769		816	0.82	3	4
	0005	0003	24381	1959			825	0.86		
"	0010	0117	25664	2056	724		822	0.71		
	0015	0369	27254	2169	628		814	1.07		
	0020	0712	29008	2272	465		812	1.56		
	0024	0856	30837	2396	384		808	1.66		
								BT Slide Th 30/358/68		
								Observer Engström		

13 "Thetis" Station

77 Sweden 1968 Fj 50 Halsanabbe

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0031	58	08	011	50	0	968	01	12	08	0036	00	007	05	08	X120		0	0	1	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
08	0000	X0057	25111	2017	787		817	0.91	3	4
	0005	X0022	25212	2024			834	0.86		
	0010	0596	31511	2483	605		828	0.97		
	0015	0624	32589	2564	630		831	0.86		
	0020	0634	32839	2582	582		836	0.77		
	0030	0638	32966	2592	622		831	0.62		

BT Slide Th 31/358/68

Observer Engström

N 58° 07.82

E 11° 50.23

13 "Thetis" Station

77 Sweden 1968 Fj 51 Askeröfjord

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0032	58	04	011	47	0	968	01	12	09	0024	00	004	05	08	X120		0	0	1	1

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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	X0071	24446	1965	816		819	0.54	3	4
	0005	0049	25179	2020	774		811	0.54		
	0010	0473	29167	2311	664		820	0.82		
	0015	0645	33400	2625	632		820	0.82		
	0022	0653	33652	2644	627		816	0.65		

BT Slide Th 32/358/68

Observer Engström

N 58° 04.23

E 11° 47.2

13 "Thetis"

77 Sweden

1968

Station

Fj 52 Hakefjord

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0033	57	59	011	46	0	968	01	12	10	0027	00	003	05	04	X100		0	00		1

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
10	0000	X095	23781	1910	827		825	0.27	3	4
	0005	0119	24964	2002	775		808	0.42		
	0010	0615	32358	2547	645		828	0.65		
	0015	0651	33853	2660			824	0.91		
	0020	0654	34037	2674	640		827	0.71		
	0025	0657	34105	2679	643		818	0.60		
								BT Slide Th 33/358/68		
								Observer Engström		
								N 57° 59.38		
								E 11° 45.7		

13 "Thetis"

77 Sweden

1968

Station

Fj 53 Åstol

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0034	57	55	011	36	0	968	01	12	11	0065	00	002	36	12	X100		00		2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
11	0000	0088	25609	2053	782		820	0.51	3	4
	0005	0641	33975	2671			825	0.51		
	0010	0634	34128	2684	660		835	0.42		
	0015	0638	34242	2692			831	0.42		
	0020	0628	34321	2700	660		825	0.47		
	0030	0621	34402	2706	663		814	0.42		
	0040	0620	34427	2709	659		818	0.38		
	0050	0620	34433	2709	661		817	0.38		
								BT Slide Th 34/358/68		
								Observer Engström		
								N 57° 55.18		
								E 11° 35.6		

13 "Thetis" Station

77 Sweden 1968 Fj 55 Marstrandsfjord

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
.0035	57	54	011	32	0	968	01	12	00	0035	00	000	36	12	100		0	02	0	

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
12	0000	0290	28116	2245	741		833	0.38	3	4
	0005	0616	33370	2627			818	0.42		
	0010	0624	33985	2674	658		828	0.42		
	0015	0623	34312	2685			832	0.47		
	0020	0619	34400	2707	661		832	0.38		
	0030	0617	34503	2715	660		822	0.65		

BT Slide Th 35/358/68

Observer Engström

13 "Thetis"

77 Sweden

1968

Station

S 14 Kosterfjord

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0036	58	50	011	06	0	968	01	16	11	0239	02	000	11	08	000		2	82	0	

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
12	0000	0338	30437	2424	759		834	0.60	3	4
	0005	0395	31069	2469	728		841	0.59		
	0010	0490	31906	2526	715		837	0.59		
	0015	0613	33209	2614	674		838	0.63		
	0020	0652	33453	2628	659		839	0.65		
	0030	0673	33722	2646	654		840	0.63		
	0040	0706	33954	2661	634		845	0.66		
	0050	0723	34313	2687	637		847	0.64		
	0075	0821	34669	2700	542		826	0.71		
11	0100	0787	34772	2713	601		838	0.72		
	0125	0789	34827	2718	601		838	0.77		
	0150	0757	34877	2726	569		828	0.94		
	0175	0759	34886	2725	577		832	0.86		
	0200	0785	34925	2727	619		843	0.88		
	0225	0776	34935	2728	615		849	0.78		

BT Slide Th 36/269/68

Observer Engström

N 58° 49.6′

E 11° 05.8′

13 "Thetis" Station

77 Sweden 1968 Kosterrännan I

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0037	58	53	011	07	0	968	01	16	12	0019	00	000	11	02	000		2	8	1	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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	033	30596						3	0
	0001	034	309						4	
	0002	036	309							
	0003	038	311							
	0004	038	310							
	0005	041	313							
	0006	053	318							
	0008	058	322							
	0010	060	326							
	0012	062	328							
	0015	062	329							

BT Slide Th 37/358/68

Observer Engström

13 "Thetis"

77 Sweden

1968

Station

Kosterrännan II

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0038	58	53	011	06	0	968	01	16	13	0080	00	000	11	04	000		2	8	1	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
13	0000	033	30130						3	0
	0002	031	301						4	
	0003	034	302							
	0004	034	304							
	0005	041	310							
	0006	046	313							
	0008	052	318							
	0010	058	322							
	0012	058	324							
	0015	062	329							
	0020	064	330							
	0025	067	332							
	0030	070	334							

BT Slide Th 38/269/68

Observer Engström

13 "Thetis" Station

77 Sweden 1968 Kosterrännan III

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0039	58	53	011	05	0	968	01	16	13	0197	02	000	11	02	000		28	1	0	

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
13	0000	0310	30002	2391	748		836	0.60	3	3
	0005	0433	31338	2486	715		842	0.63		
	0010	0516	32156	2543	702		845	0.58		
	0015	0645	33302	2618	663		841	0.65		
	0020	0655	33480	2629	661		840	0.64		
	0030	0664	33672	2644	665		844	0.64		
	0040	0731	34074	2667	641		838	0.72		
	0050	0764	34315	2681	620		838	0.66		
	0075	0818	34722	2704	602		829	0.71		
	0100	0792	34803	2715	593		830	0.77		
	0125	0781	34868	2723	607		843	0.66		
	0150	0787	34895	2723	613		841	0.71		
	0175	0786	34940	2727	619		843	0.78		
	0190	0786	34943	2727	615		846	0.78		

BT Slide Th 39/269/68

Observer Engström

N 58° 52.7′

E 11° 05.3′

13 "Thetis" Station

77 Sweden 1968 Kosterrännan IV

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0040	58	53	011	05	0	968	01	16	14	0075	00	000	11	02	000		2	8	1	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
14	0000	022	29278						3	0
	0001	028	297						4	
	0002	029	297							
	0003	031	300							
	0004	034	302							
	0005	034	303							
	0006	038	307							
	0008	047	313							
	0010	049	316							
	0012	055	319							
	0015	064	320							
	0020	066	321							
	0025	070	324							
	0030	072	336							

BT Slide Th 40/269/68

Observer Engström

13 "Thetis"

77 Sweden

1968

Station

Kosterrännan V

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0041	58	53	011	05	0	968	01	16	14	0031	00	000	11	02	000		2	8	1	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
14	0000	029	29670						3	0
	0001	026	297						4	
	0002	026	297							
	0003	030	299							
	0004	032	300							
	0005	034	302							
	0006	037	306							
	0008	050	317							
	0010	054	322							
	0012	055	322							
	0015	064	329							
	0020	066	331							
	0025	070	334							
	0030	072	336							

BT Slide Th 41/358/68

Observer Engström

13 "Thetis"

77 Sweden

1968

Station

Kölvningarna 12

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0042	58	53	010	52	0	968	01	17	08	0050	00	010	07	26	X020		78		30	

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
08	0000	0306	31073	2477	762		855	0.59	3	3
	0005	0302	31119	2481	756		855	0.56		
	0010	0311	31112	2480	754		841	0.55		
	0015	0421	32021	2542	729		849	0.55		
	0020	0600	33216	2617	670		843	0.62		
	0030	0683	33833	2654	657		848	0.62		
	0040	0704	33928	2659	643		849	0.68		
								BT Slide Th 42/358/68		
								Observer Engström		
								N 58° 52.9		
								E 10° 51.6		

13 "Thetis"

77 Sweden

1968

Station

Klövningarna 9

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0043	58	55	010	57	0	968	01	17	09	0033	00	014	07	22	X020		78		30	

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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	0406	31347	2490	756		831	0.60	3	3
	0005	0395	31353	2492	691		837	0.52		
	0010	0401	31392	2494	743		838	0.59		
	0015	0475	31995	2534	724		826	0.60		
	0020	0562	32573	2570	693		837	0.62		
								BT Slide Th 43/358/68		
								Observer Engström		

13 "Thetis"

77 Sweden

1968

Station

Klövningarna 8

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0044	58	56	010	59	0	968	01	17	09	0027	00	010	07	24	X015		7	8	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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	036	31018						3	0
	0004	036	309						4	
	0005	037	310							
	0010	037	311							
	0012	039	311							
	0015	043	315							
	0020	051	320							
	0025	060	326							
								BT Slide Th 44/358/68		
								Observer Engström		

13 "Thetis"

77 Sweden

1968

Station

Klövningarna 7

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0045	58	56	011	00	0	968	01	17	09	0032	00	006	07	24	X015		7	8	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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	037	31092						3	0
	0005	037	310						4	
	0006	040	312							
	0008	042	313							
	0010	042	313							
	0012	046	314							
	0015	048	316							
	0020	057	320							
	0025	071	323							
								BT Slide Th 45/358/68		
								Observer Engström		

13 "Thetis"

77 Sweden

1968

Station

Klövningarna 6

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0046	58	56	011	02	0	968	01	17	09	0040	00	010	07	24	X015		2	8	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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	036	31041						3	0
	0010	036	310						4	
	0012	041	313							
	0015	050	319							
	0020	062	318							
	0025	070	323							
	0030	074	337							
								BT Slide Th 46/358/68		
								Observer Engström		

13 "Thetis"

77 Sweden

1968

Station

Klövningarna 5

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0047	58	57	011	03	0	968	01	17	10	0075	00	020	07	24	X015		7	8	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
10	0000	037	31147						3	0
	0006	037	311						4	
	0008	038	312							
	0015	038	314							
	0020	044	319							
	0025	063	321							
	0030	071	336							
								BT Slide Th 47/269/68		
								Observer Engström		

13 "Thetis" Station

77 Sweden 1968 Klövningarna 4

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0048	58	57	011	04	0	968	01	17	10	0225	02	017	07	24	X 010		7	8	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
11	0000	0389	31332	2490	733		836	0.59	3	3
	0005	0389	31333	2490	735		840	0.57		
	0010	0392	31431	2498	721		830	0.50		
	0015	0433	31804	2524	724		831	0.60		
	0020	0593	32978	2599	689		837	0.62		
	0030	0640	33257	2615	674		840	0.62		
	0040	0702	33901	2657	642		839	0.61		
	0050	0762	34378	2687	617		836	0.70		
10	0075	0799	34653	2702	603		828	0.69		
	0100	0807	34749	2709	608		830	0.69		
	0125	0785	34825	2719	619		836	0.70		
	0150	0788	34891	2723	620		839	0.70		
	0175	0785	34962	2729	620		839	0.71		
	0200	0783	34934	2726	618		839	0.79		

BT Slide Th 48/269/68

Observer Engström

N 58° 56.8′

E 11° 03.5′

13 "Thetis"

77 Sweden

1968

Station

Klövningarna 3

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0049	58	57	011	04	0	968	01	17	11	0085	00	012	07	24	X010		7	8	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
11	0000	039	31437						3	0
	0010	040	313						4	
	0012	041	315							
	0015	048	319							
	0020	056	324							
	0025	061	327							
	0030	070	332							
								BT Slide Th 49/269/68		
								Observer Engström		

13 "Thetis"

77 Sweden

1968

Station

Klövningarna 2

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0050	58	58	011	05	0	968	01	17	12	0035	00	000	07	24	X020		2	8	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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	034	30739						3	0
	0004	037	310						4	
	0005	040	314							
	0006	042	315							
	0008	044	317							
	0010	045	317							
	0012	045	317							
	0015	048	319							
	0020	057	324							
	0025	061	327							
	0030	064	331							
								BT Slide Th 50/358/68		
								Observer Engström		

13 "Thetis"

77 Sweden

1968

Station

Klövningarna 1

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. '	Long. °	Long. '	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0051	58	58	011	06	0	968	01	17	12	0036	00	006	07	20	X020		28		20	

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
12	0000	0334	30438	2424	722		826	0.55	3	3
	0005	0361	30453	2423	719		845	0.54		
	0010	0528	32285	2552	695		848	0.62		
	0015	0604	32693	2574	671		855	0.63		
	0020	0624	32961	2593	661		856	0.62		
	0030	0711	33463	2622	635		848	0.67		

BT Slide Th 51/358/68

Observer Engström

N 58° 58.'3

E 11° 06.'1

13 "Thetis"

77 Sweden

1968

Station

Säcken

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0052	59	00	011	07	0	968	01	17	12	0128	01	000	07	20	X 020		28		20	

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
12	0000	0326	28202	2247	687		817	0.37	3	3
	0005	0417	30664	2435	709		829	0.59		
	0010	0467	31802	2521	709		834	0.54		
	0015	0576	32735	2582	683		847	0.61		
	0020	0604	33023	2601	624		848	0.62		
	0030	0640	33212	2611	668		849	0.64		
	0040	0703	33808	2650	640		851	0.68		
	0050	0772	34315	2680	609		848	0.71		
	0075	0823	34668	2700	602		850	0.71		
	0100	0802	34724	2707	621		846	0.70		

BT Slide Th 52/269/68

Observer Engström

N 59° 00.′4

E 11° 06.′8

13 "Thetis" Station

77 Sweden 1968 Idefjorden 11

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0053	59	07	011	21	0	968	01	18	09	0026	00	000	02	02	X040		2	8	0	1

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	H_2S 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	0113	0223	0176	793		704	0.04		3	3
	0002	0649	19801	1556	0		716	0.0	30.5		
	0004	0923	25125	1941			735	0.08	73.5		
	0008	0616	27078	2132	089		732	0.04	00		
	0015	0660	28550	2242	194		771	0.05			
	0024	0752	29316	2291	114		762	0.32			
								BT Slide Th 53/358/68			
								Observer Engström			
								N 59° 06.6′			
								E 11° 20.9′			

13 "Thetis" Station

77 Sweden 1968 Idefjorden 12

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0054	59	07	011	21	0	968	01	18	09	0018	00	000	02	02	X040		2	8	0	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	H_2S 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	0095	0169	0133	735		675	0.16		3	3
	0001	0743	17715	1385			702	0	60.6		
	0003	0810	24664	1920			719	0	73.5		
	0005	0695	26250	2058			719	0	59.5		
	0008	0612	27074	2131	096		747	0	00		
	0015	0668	28690	2752	177		762	0.16	00		
								BT Slide Th 54/358/68			
								Observer Engström			

13 "Thetis" Station

77 Sweden 1968 Idefjorden 13

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0055	59	07	011	19	0	968	01	18	10	0035	00	000	02	02	X 040		2	8	0	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	H_2S 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
10	0000	0121	0672	0540	444		692	0.03		3	3
	0002	0724	23175	1813	0		727	0	36.0		
	0005	0686	26220	2057	010		733	0	0		
	0010	0596	27825	2193	219		777	0.07			
	0020	0624	29160	2295	341		793	0.12			
	0030	0610	29628	2336	431		806	0.16			

BT Slide Th 55/358/68

Observer Engström

N 59° 06.'5

E 11° 18.'8

13 "Thetis" Station

77 Sweden 1968 Idefjorden 14

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0056	59	06	011	17	0	968	01	18	10	0035	00	000	02	02	X 035		2	8	0	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
10	0000	0123	0693	0557	433		702	0.04	3	3
	0002	0544	22959	1814	146		732	0.07		
	0005	0665	26349	2069	032		745	0.05		
	0010	0563	28121	2216	342		777	0.05		
	0015	0586	28749	2266	398		790	0.07		
	0020	0580	29060	2291	420		802	0.10		
	0030	0563	29533	2330	497		811	0.11		

BT Slide Th 56/358/68

Observer Engström

N 59° 05.'9

E 11° 17.'1

13 "Thetis"

77 Sweden

1968

Station

Idefjorden 14 a

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0057	59	06	011	16	0	968	01	18	11	0029	00	000	02	02	X035		2	8	0	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
11	0000	0118	07809	0628	433		701	0.04	3	3
	0002	0563	22724	1794	145		735	0.03		
	0005	0547	27717	2189	381		780	0.07		
	0010	0552	29738	2349	544		808	0.14		
	0015	0594	31109	2451	560		828	0.39		
	0025	0597	31434	2476	621		826	0.51		

BT Slide Th 57/358/68

Observer Engström

N 59° 05.'75

E 11° 15.'8

13 "Thetis"

77 Sweden

1968

Station

Idefjorden 15

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0058	59	06	011	15	0	968	01	18	12	0058	00	000	02	02	X035		2	8	0	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
12	0000	0161	10698	0861	412		711	0.06	3	3
	0002	0541	29293	2314	553		811	0.17		
	0005	0552	31589	2494	659		831	0.55		
	0010	0572	32022	2526	673		836	0.55		
	0015	0633	32356	2545	661		839	0.62		
	0020	0735	33264	2602	625		844	0.67		

BT Slide Th 58/358/68

Observer Engström

N 59° 05.'5

E 11° 14.'6

13 "Thetis"

77 Sweden

1968

Station

Idefjorden 16

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0059	59	05	011	13	0	968	01	18	12	0065	01	002	02	02	x025		2	80		0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
12	0000	0423	25506	2026	553		795	0.07	3	3
	0005	0507	31344	2479	690		842	0.53		
	0010	0523	32147	2541	689		842	0.56		
	0015	0616	32718	2575	664		838	0.62		
	0020	0629	32876	2587	691		852	0.60		
	0030	0703	33357	2614	639		830	0.62		
	0040	0855	34130	2653	584		843	0.66		
	0050	0885	34437	2672	576		844	0.67		
	0060	0882	34580	2684	578		844	0.62		

BT Slide Th 59/358/68

Observer Engström

N 59° 05.'2

E 11° 13.'2

13 "Thetis"

77 Sweden

1968

Station

Idefjorden 17

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0060	59	05	011	11	0	968	01	18	13	0085	01	000	02	02	X030		28	0	0	

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
13	0000	0216	20800	1665	560		795	0.11	3	3
	0005	0491	31142	2466	710		873	0.50		
	0010	0502	32038	2535	698		861	0.56		
	0015	0550	32395	2558	677		869	0.60		
	0020	0569	32711	2580	675		867	0.60		
	0030	0679	33501	2629	643		868	0.69		
	0040	0789	33990	2652	605		867	0.71		
	0050	1000	34495	2659	560		862	0.70		
	0060	0869	34613	2688	575		861	0.68		
	0070	0847	34643	2692	595		856	0.70		
	0080	0827	34666	2699	606		867	0.68		

BT Slide Th 60/269/68

Observer Engström

N 59° 04.8′

E 11° 11′

13 "Thetis" Station

77 Sweden 1968 Idefjord 2

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
1060	59	02	011	25	0	968	01	19	08	0028	00				X007		2	8	9	8

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	H_2S 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
08	X0001	001	0017		X020		668	0.20		3	3
	0002	070	13277		0		702	0.29	43.3		
	0005	094	23335				710	0.61	60.0		
	0010	093	27983		045		732	0.68	0		
	0020	090	29638		0		738	1.58	9.5		
	X0027	070	31041				740	5.45	79.5		

Observer Engström

13 "Thetis" Station

77 Sweden 1968 Idefjorden 4

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
2060	59	05	011	23	0	968	01	19	10	0033	00				X007		2	8	9	8

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	H_2S 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
10	X0001	002	0013		X013		712	0.23		3	3
	0002	080	11312		0		717	0.03	40.0		
	0005	098	25680		0		739	0.54	49.5		
	0010	079	27223		121		755	0.41	0		
	0015	079	28685		115		749	0.42			
	0020	088	28336		061		751	0.82	0		
	0025	072	30350				740	4.20	77.5		
	X0033	071	30843				741	5.45	74.0		

Observer Engström

13 "Thetis"

77 Sweden

Station

Smedjepricken

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0061	58	16	011	22	0	968	02	02	09	0050	00	006	20	12	02 0		28		2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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	0334	31874	2539					1	0
	0010	0366	33171	2635						
	0020	0378	33204	2644						
	0030	0370	33228	2643						
	0040	0445	33423	2650						

BT Slide Th 61/358/68

Observer Lindquist

13 "Thetis"

77 Sweden

1968

Station

S 12

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0062	55	00	014	05	0	968	02	07	11	0050	00	027	14	18	025		28		4	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
11	0000	0193	0745	0601					1	0
	0010	0199	0751	0605	935					
	0020	0195	0756	0609						
	0030	0231	0817	0658	910					
	0040	0236	0891	0717	872					
	0045	0393	1610	1285	645					

BT Slide Th 66/358/68

Observer Brolin

13 "Thetis" Station

77 Sweden 1968 S 24

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0063	55	15	015	58	0	968	02	08	13	0092	01	048	14	12	025		4	8	4	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
13	0000	0246	0759	0612					1	0
	0010	0249	0759	0612	910					
	0030	0243	0760	0613						
	0050	0596	1116	0884	393					
	0060	0614	1361	1075						
	0070	0608	1461	1154	107					
	0080	0599	1532	1211	066					
	0085	0611	1569	1238	088					

BT Slide Th 68/269/68

Observer Brolin

13 "Thetis" Station

77 Sweden 1968 SE Utklippan

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0064	55	42	016	05	0	968	02	08	20	0071	01	059	09	16	020		28		4	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
20	0000	0250	0767	0618	913				1	0
	0010	0254	0767	0618	917					
	0050	0268	0834	0671	882					
	0065	0609	1261	0996	341					

BT Slide Th 70/269/68

Observer Brolin

N 55° 41.5′

E 16° 05′

13 "Thetis"

77 Sweden

1968

Station

Rysshålan

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0065	56	02	018	50	0	968	02	12	22	0126	01	015	20	08	X 005		2	8	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
22	0000	0226	0747	0602					1	0
	0030	0304	0758	0611	891					
	0060	0429	0779	0625	152					
	0100	0496	1117	0890	054					
	0110	0526	1168	0928	029					
	0118	0530	1176	0934	018					

BT Slide Th 72/269/68

Observer Sundvisson

13 "Thetis"

77 Sweden

1968

Station

S 2

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0066	55	27	014	39	0	968	02	16	08	0070	01	027	29	14	X 020		7	8	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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	0183	0739	0595	931				1	0
	0030	0190	0740	0597	933					
	0050	0240	0956	0769	862					
	0065	0211	1409	1131	811					

BT Slide Th 76/269/68

Observer Sundvisson

N 55° 26.6′

E 14° 39′

13 "Thetis" Station

77 Sweden 1968 Vinga

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0073	57	34	011	31	0	968	03	06	09	0076	01	009	02	28	020		2	8	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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	006	19856	1594					3	0
	0005	006	19885	1596						
	0010	016	22821	1829						
	0015	027	27534	2200						
	0020	035	32156	2560						
	0030	0305	33938	2705						
	0040	034	34083	2713						
	0050	038	34274	2725						
	0060	046	34448	2730						
	0070	048	34513	2733						

BT Slide Th 87/269/68

Observer Ackefors

N 57° 33.6

E 11° 31′

13 "Thetis" Station

77 Sweden 1968 K 16

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0091	56	51	011	47	0	968	03	15	09	0060	00	000	16	12	010		2	8	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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	011	22143	1776					3	0
	0005	016	22667	1816						
	0010	018	24963	2000						
	0015	022	27255	2181						
	0020	038	30626	2435						
	0030	046	33655	2668						
	0040	046	33751	2675						
	0050	047	33761	2674						
								BT Slide Th 104/269/68		
								Observer Sundvisson		

13 "Thetis" Station

77 Sweden 1968 Fj. 55 Marstrandsfjord

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0093	57	54	011	32	0	968	03	18	12	0036	00	027	23	32	035		5	8	4	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
12	0000	0288	29701	2371	761		789	0.14	3	4
	0005	0305	29717	2370	782		787	0.27		
	0010	0282	29762	2375	784		801	0.32		
	0015	0285	29773	2375	776		819	0.27		
	0020	0287	29825	2380	772		820	0.18		
	0030	0321	31332	2496	747		830	0.19		
								BT Slide Th 106/358/68		
								Observer Lagergren		

13 "Thetis" Station

77 Sweden 1968 Fj. 53 Åstol

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0094	57	55	011	36	0	968	03	18	12	0058	00	025	23	36	035		28	4	0	

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
12	0000	0287	29805	2378	773		831	0.32	3	4
	0005	0286	29759	2375	775		831	0.26		
	0010	0282	29783	2376	776		831	0.36		
	0015	0296	29782	2375	777		835	0.36		
	0020	0279	29930	2388	775		835	0.22		
	0030	0302	30807	2456	759		832	0.23		
	0040	0344	31824	2533	730		827	0.36		
	0050	0385	32800	2607	706		826	0.52		

BT Slide Th 107/358/68

Observer Lagergren

N 57° 55.′18

E 11° 35.′6

13 "Thetis"

77 Sweden

1968

Station

Fj. 52 Hakefjord

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0095	57	59	011	46	0	968	03	18	13	0031	00	020	25	28	038		2	8	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
13	0000	0275	28527	2278	779		827	0.26	3	4
	0005	0290	29086	2321	782		833	0.32		
	0010	0282	30091	2401	776		835	0.26		
	0015	0273	30103	2402	778		828	0.24		
	0020	0290	30358	2422	769		834	0.11		
	0025	0387	32155	2556	701		832	0.45		
								BT Slide Th 108/358/68		
								Observer Lagergren		
								N 57° 59.'38		
								E 11° 45.'7		

13 "Thetis"

77 Sweden

1968

Station

Fj. 51 Askeröfjord

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0096	58	04	011	47	0	968	03	18	14	0025	00	016	27	20	040		2	8	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
14	0000	0279	29499	2354	779		838	0.14	3	4
	0005	0262	29491	2354	783		838	0.15		
	0010	0270	29521	2356	777		838	0.20		
	0015	0272	29607	2363	781		836	0.47		
	0022	0408	32491	2580	681		839	0.47		
								BT Slide Th 109/358/68		
								Observer Allersand		
								N 58° 04.'23		
								E 11° 47.'2		

13 "Thetis"

77 Sweden

1968

Station

Fj. 50 Halsanabbe

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0097	58	08	011	50	0	968	03	18	15	0040	00	009	27	10	040		28	1	0	

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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	0256	27841	2225	806		836	0.06	3	4
	0005	0272	27916	2230	804		839	0.13		
	0010	0337	30197	2405	705		836	0.20		
	0015	0362	30903	2459	711		829	0.39		
	0020	0387	31621	2514	694		827	0.40		
	0030	0408	32226	2560	676		826	0.59		

BT Slide Th 110/358/68

Observer Lagergren

N 58° 07.82

E 11° 50.23

13 "Thetis"

77 Sweden

1968

Station

Fj. 49 a Dokorsviken

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0098	58	11	011	51	0	968	03	18	15	0025	00	010	27	10	040		2	81	0	

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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	0233	25894	2070	842		851	0.05	3	4
	0005	0242	25912	2071	845		852	0.09		
	0010	0240	28861	2306	747		849	0.27		
	0015	0405	31376	2493	671		841	0.52		
	0020	0437	32503	2578	651		838	0.67		
	0023	0444	32581	2584	646		837	1.83		

BT Slide Th 111/358/68

Observer Allersand

13 "Thetis"

77 Sweden

1968

Station

Fj. 48 Björningarna

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0099	58	16	011	49	0	968	03	18	16	0027	00	004	27	10	040		2	7	1	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
16	0000	0187	24058	1926	878		847	0.04	3	4
	0005	0170	24091	1929	875		848	0.05		
	0010	0404	29555	2349	639		826	0.57		
	0015	0495	32052	2536	579		822	0.98		
	0020	0468	32630	2585	620		828	0.81		
								BT Slide Th 112/358/68		
								Observer Lagergren		
								N 58° 15.88		
								E 11° 49.24		

13 "Thetis"

77 Sweden

1968

Station

Fj. 47 Byfjorden

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0100	58	20	011	53	0	968	03	19	06	0049	00	000	00	00	000		1	1	0	1

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	H_2S 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
06	0000	0112	19337	1553	872		807	0.20		3	3
	0005	0168	23441	1848	826		839	0.29			
	0010	0635	28377	2232	285		809	1.78			
	0015	0651	29401	2312	133		791	6.80			
	0020	0650	30057	2362			781	10.6	82.50		
	0025	0621	30397	2392			753	6.6	84.50		
	0030	0615	30623	2410			763	3.1	45.25		
	0040	0609	30747	2421			759	2.4	78.25		
	0045	0608	30764	2422			755	2.9	88.00		
								BT Slide Th 113/358/68			
								Observer Lagergren			

13 "Thetis" Station

77 Sweden 1968 Fj. 46 Havstensfjord

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0101	58	19	011	46	0	968	03	19	07	0043	00	004	00	00	000		1	1	0	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
07	0000	0141	23299	1868	903		856	0.05	3	4
	0005	0168	23766	1903	879		847	0.12		
	0010	0671	30932	2428	380		820	1.45		
	0015	0490	32194	2548	590		826	1.09		
	0020	0479	32585	2581	621			1.10		
	0030	0476	32966	2611	634		831	0.92		
	0037	0479	33020	2615	613		836	0.83		

BT Slide Th 114/358/68

Observer Allersand

N 58° 18.′75

E 11° 46.′4

13 "Thetis"

77 Sweden

1968

Station

Fj. 44 Kalvöfjord

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0102	58	17	011	41	0	968	03	19	08	0060	01	002	00	00	035		1	1	0	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
08	0000	0114	22989	1844	936		850	0.10	3	4
	0005	0152	23485	1881	911		847	0.11		
	0010	0264	25482	2035	756		832	0.17		
	0015	0423	27147	2158	471		802	1.41		
	0020	0541	27686	2188	148		771	2.9		
	0030	0429	27887	2215	481		806	1.40		
	0040	0434	28173	2237	507		808	1.29		
	0050	0441	28378	2253	518		809	1.20		
	0057	0441	28472	2260	539		811	1.16		

BT Slide Th 115/358/68

Observer Lagergren

N 58° 17.07

E 11° 40.8

13 "Thetis" Station

77 Sweden 1968 Fj. 43 Borgilafjord

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0103	58	15	011	38	0	968	03	19	08	0060	01	006	00	00	030		11			00

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
08	0000	0168	23555	1887	882		831	0.09	3	4
	0005	0171	23666	1896	861		837	0.09		
	0010	0270	25207	2014	699		824	0.41		
	0015	0433	26888	2136	422		806	1.71		
	0020	0506	27408	2171	235		778	2.33		
	0030	0507	27864	2206	196		771	2.7		
	0040	0476	28089	2227	378		781	1.82		
	0050	0470	28180	2234	421		785	1.72		
	0058	0469	28201	2236	416		792	1.64		

BT Slide Th 116/358/68

Observer Lagergren

N 58° 15.2′

E 11° 37.75′

13 "Thetis"

77 Sweden

1968

Station

Fj. 42 Koljöfjord

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0104	58	14	011	35	0	968	03	19	09	0043	00	006	00	00	030		1	1	0	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
09	0000	0196	23458	1878	865		829	0.04	1.04	3	3
	0005	0226	24264	1941	803		830	0.08	0.95		
	0010	0361	26029	2073	597		806	1.03	1.72		
	0015	0418	26794	2129	467		788	1.70	2.24		
	0020	0505	27580	2184	219		767	2.52	3.20		
	0025	0546	27763	2194	047		756	3.0	4.05		
	0030	0510	27802	2201	148		756	3.0	3.55		
	0035	0497	27903	2210	247		768	2.42	2.95		
	0040	0493	27954	2214	288		776	2.05	2.80		

BT Slide Th 117/358/68

Observer Lagergren

N 58° 13.'83

E 11° 34.'8

13 "Thetis" Station

77 Sweden 1968 Fj. 61 Åbyfjord

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0105	58	22	011	23	0	968	03	19	13	0027	00	017	23	06	040		1	2	1	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
13	0000	0308	32320	2576	770		841	0.32	3	4
	0005	0322	32336	2576	788		843	0.30		
	0010	0307	32521	2592	767		845	0.30		
	0015	0332	32748	2608	737		841	0.30		
	0020	0444	33410	2649	636		832	0.57		
	0024	0451	33437	2651	629		839	0.53		

BT Slide Th 118/358/68

Observer Lagergren

N 58° 22.'4

E 11° 22.'7

13 "Thetis" Station

77 Sweden 1968 Fj. 62 Brofjorden

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0106	58	22	011	26	0	968	03	19	14	0025	00	025	23	06	040		1	2	1	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
14	0000	0337	31996	2549	781		827		3	4
	0005	0319	32039	2553	777		822	0.30		
	0010	0317	32142	2561	766		818	0.24		
	0015	0322	32308	2574	755		822	0.32		
	0020	0328	32454	2585	742		816	0.32		

BT Slide Th 119/358/68

Observer Allersand

N 58° 21.'6

E 11° 25.'5

13 "Thetis"

77 Sweden

1968

Station

Fj. 63 Malmö Drag

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0107	58	19	011	22	0	968	03	19	14	0034	00	015	23	06	040		1	2	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
14	0000	0320	31719	2527	780		829	0.20	3	4
	0005	0333	31845	2536	782		829	0.20		
	0010	0308	31916	2544	778		828	0.21		
	0015	0304	32040	2554	772		823	0.27		
	0020	0317	32257	2571	762		833	0.37		
	0030	0337	32659	2601	733		827	0.42		

BT Slide Th 120/358/68

Observer Lagergren

N 58° 19.'1

E 11° 21.'7

13 "Thetis"

77 Sweden

1968

Station

Fj. 22 Saltkällefjord

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0108	58	25	011	39	0	968	03	20	08	0040	00	000	23	22	050		2	8	0	1

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
08	0000	0093	02854	0226	878		750	0.63	3	4
	0005	0311	31384	2501	771		847	0.20		
	0010	0329	31651	2522	750		847	0.27		
	0015	0359	32075	2552	706		843	0.48		
	0020	0408	32321	2567	668		838	0.57		
	0030	0491	33121	2622	606		839	0.82		
	0035	0543	33425	2640	524		838	0.95		

BT Slide Th 121/358/68

Observer Allersand

N 58° 25.'2

E 11° 39.'3

13 "Thetis"

77 Sweden

1968

Station

Bornö Södra Fj. 25

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
1108	58	22	011	35	0	968	03	20	08	0094	01	021	23	22	050		28		1	9

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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	0300	3135	2500					4	0
	0005	0295	3145	2508						
	0010	0295	3150	2512						
	0015	0305	3160	2520						
	0020	0315	3175	2531						
	0030	0405	3274	2600						
	0040	0485	3326	2633						
	0050	0540	3390	2678						
	0060	0520	3398	2687						
	0070	0445	3401	2697						
	0080	0425	3403	2701						

BT Slide Th 122/358/68

Observer Lagergren

13 "Thetis" Station

77 Sweden 1968 Fj. 26 Alsbäck

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0109	58	19	011	33	0	968	03	20	09	0117	01	006	23	24	050		6	8	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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	0330	31627	2520	754		834	0.21	3	4
	0005	0341	31840	2535	746		835	0.32		
	0010	0357	32092	2553	731		832	0.38		
	0015	0400	32674	2595	687		830	0.61		
	0020	0444	32794	2600	663		829	0.73		
	0030	0462	33164	2629	648		828	0.69		
	0040	0565	33913	2675	553		825	0.99		
	0050	0507	34086	2697	630		830	0.85		
	0060	0480	34088	2699	651		830	0.73		
	0070	0464	34113	2703	668		829	0.66		
	0080	0440	34134	2707	675		826	0.69		
	0090	0439	34147	2709	672		830	0.73		
	0100	0433	34176	2712	670		830	0.83		
	0110	0432	34203	2713	669		829	0.75		

BT Slide Th 123/269/68

Observer Lagergren

N 58° 19.17

E 11° 32.6

13 "Thetis"

77 Sweden

1968

Station

Fj. 28 Tröskeln

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0110	58	16	011	26	0	968	03	20	10	0070	00	015	23	22	050		28		20	

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
10	0000	0309	30934	2466	777		849	0.12	3	4
	0005	0309	30926	2466	778		850	0.18		
	0010	0306	31051	2475	780		846	0.32		
	0015	0379	32476	2587	725		842	0.43		
	0020	0442	32944	2612	667		837	0.69		
	0030	0485	33443	2647	630		834	0.81		
	0040	0502	33738	2669	622		839	0.89		
	0050	0533	33973	2684	611		834	0.96		

BT Slide Th 124/358/68

Observer Taglind

N 58° 15.′62

E 11° 26.′2

13 "Thetis"

77 Sweden

Station

Smedjan

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0111	58	16	011	22	0	968	03	20	12	0050	00	018	25	22	050		28		4	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
12	0000	0308	30483	2430	760		870	0.14	3	4
	0005	0304	30490	2431	767		870	0.17		
	0010	0319	30493	2430	759		869	0.20		
	0015	0305	30544	2435	764		870	0.24		
	0020	0365	30994	2466	753		869	0.38		
	0030	0388	32368	2573	692		868	0.52		
	0040	0414	32806	2604	663		866	0.60		

BT Slide Th 125/358/68

Observer Stahm

N 58° 15.85

E 11° 22.35

13 "Thetis"

77 Sweden

1968

Station

Fj. 22 Saltkällefjord

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0112	58	25	011	39	0	968	03	21	10	0037	00	025	20	20	045		1	2	0	1

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
10	0000	0050	0325	0257					4	0
	0005	0295	3120	2488						
	0010	0295	3140	2504						
	0015	0300	3155	2516						
	0020	0300	3155	2516						
	0025	0305	3165	2524						
	0030	0375	3185	2533						
	0035	0460	3257	2581						

BT Slide Th 126/358/68

Observer Lagergren

N 58° 25.2

E 11° 39.3

13 "Thetis"

77 Sweden

1968

Station

Fj. 22 Saltkällefjord II

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0113	58	24	011	38	0	968	03	21	10	0055	01	027	20	20	045		1	6	0	1

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
10	0000	0010	0700	0559					4	0
	0005	0285	3060	2441						
	0010	0300	3100	2472						
	0015	0300	3125	2492						
	0020	0300	3145	2508						
	0025	0300	3155	2516						
	0030	0355	3205	2551						
	0035	0445	3272	2595						
	0040	0510	3337	2639						
	0045	0560	3412	2692						
	0050	0545	3437	2714						
	0055	0515	3437	2718						

BT Slide Th 127/358/68

Observer Lagergren

N 58° 24.'7

E 11° 37.'9

13 "Thetis"

77 Sweden

1968

Station

Fj. 25 Bornö Södra

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0114	58	22	011	36	0	968	03	21	11	0094	01	033	20	20	045		1	6	20	

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
11	0000	0305	3100	2471				4	0
	0005	0305	3105	2476					
	0010	0305	3105	2476					
	0015	0305	3130	2495					
	0020	0310	3150	2511					
	0025	0310	3160	2519					
	0030	0320	3175	2531					
	0035	0350	3216	2560					
	0040	0420	3277	2601					
	0045	0475	3304	2618					
	0050	0520	3417	2702					
	0055	0505	3423	2708					
	0060	0460	3423	2713					
	0065	0445	3424	2715					
	0070	0425	3426	2719					
	0075	0420	3427	2720					
	0080	0420	3428	2721					
	0085	0400	3431	2726					
	0090	0400	3433	2727					

BT Slide Th 128/269/68

Observer Lagergren

N 58° 21.'8

E 11° 35.'8

13 "Thetis"

77 Sweden

1968

Station

Fj. 26 Alsbäck

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0115	58	19	011	33	0	968	03	21	12	0115	01	029	20	20	045		1	6	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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	0315	3055	2435					4	0
	0005	0310	3080	2455						
	0010	0315	3145	2506						
	0015	0315	3150	2511						
	0020	0315	3155	2514						
	0025	0320	3170	2526						
	0030	0345	3211	2556						
	0035	0360	3230	2570						
	0040	0470	3320	2630						
	0045	0540	3394	2681						
	0050	0525	3415	2699						
	0055	0470	3417	2707						
	0060	0445	3424	2715						
	0065	0435	3425	2717						
	0070	0420	3425	2719						
	0075	0415	3425	2719						
	0080	0415	3425	2719						
	0085	0410	3425	2720						
	0090	0405	3425	2721						

BT Slide Th 129/269/68

Observer Allersand

N 58° 19.′17

E 11° 32.′6

13 "Thetis"

77 Sweden

Station

Fj. 28 Tröskeln

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0116	58	16	011	26	0	968	03	21	13	0063	01	018	25	12	050			27	20	

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
13	0000	0300	3000	2392					4	0
	0005	0300	3025	2412						
	0010	0300	3055	2436						
	0015	0310	3100	2471						
	0020	0325	3150	2509						
	0025	0400	3256	2587						
	0030	0430	3300	2618						
	0035	0455	3320	2632						
	0040	0460	3327	2637						
	0045	0485	3352	2654						
	0050	0510	3383	2676						
	0055	0500	3394	2685						
	0060	0480	3402	2694						

BT Slide Th 130/358/68

Observer Allersand

N 58° 15.′62

E 11° 26.′2

13 "Thetis"

77 Sweden

1968

Station

Å 11

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0117	58	20	011	10	0	968	03	22	06	0050	00	050	16	16	030		2	8	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
06	0000	0299	27977	2233				3	0
	0005	0294	27988	2233					
	0010	0311	28284	2255					
	0015	0299	28943	2309					
	0020	0316	29930	2385					
	0030	0356	32094	2553					
	0040	0378	32870	2613					

BT Slide Th 131/358/68

Observer Lagergren

N 58° 20.'2

E 11° 09.'5

13 "Thetis"

77 Sweden

1968

Station

Å 12

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0118	58	20	011	06	0	968	03	22	06	0049	00	049	18	16	030		28	3	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
06	0000	0330	30027	2392				3	0
	0005	0328	30028	2393					
	0010	0347	30882	2459					
	0015	0347	31400	2500					
	0020	0357	31693	2522					
	0030	0371	32671	2598					
	0040	0384	33228	2642					

BT Slide Th 132/358/68

Observer Lagergren

N 58° 20.'2

E 11° 06.'1

13 "Thetis" Station

77 Sweden 1968 Å 13

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0119	58	20	011	02	0	968	03	22	07	0093	01	005	18	16	030		2	7	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
07	0000	0335	31540	2512					3	0
	0005	0338	31462	2505						
	0010	0361	32026	2549						
	0015	0372	32549	2589						
	0020	0367	32570	2591						
	0030	0379	32649	2596						
	0040	0382	33456	2660						
	0050	0387	33467	2660						
	0075	0387	33476	2661						
	0085	0388	33482	2661						

BT Slide Th 133/269/68

Observer Lagergren

N 58° 20.2′

E 11° 02′

13 "Thetis"

77 Sweden

1968

Station

Å 14

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0120	58	19	010	57	0	968	03	22	08	0107	01	009	20	18	030		2	7	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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	0275	30245	2414					3	0
	0005	0277	30244	2414						
	0010	0334	31620	2518						
	0015	0386	32698	2599						
	0020	0378	33011	2625						
	0030	0375	33866	2693						
	0040	0364	34028	2707						
	0050	0370	34035	2707						
	0075	0369	34042	2707						
	0100	0370	34043	2707						

BT Slide Th 134/269/68

Observer Lagergren

N 58° 19′

E 10° 56.′5

13 "Thetis" Station

77 Sweden 1968 Å 15

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0121	58	18	010	51	0	968	03	22	09	0139	01	014	20	17	030		1	6	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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	0262	29739	2375					3	0
	0005	0257	29740	2375						
	0010	0274	30072	2400						
	0015	0380	32817	2609						
	0020	0408	33548	2664						
	0030	0442	34384	2726						
	0040	0464	34630	2744						
	0050	0452	34677	2749						
	0075	0455	34695	2750						
	0100	0458	34704	2750						
	0125	0479	34776	2754						

BT Slide Th 135/269/68

Observer Allersand

N 58° 17.7′

E 10° 51′

13 "Thetis"

77 Sweden

1968

Station

Å 16

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0122	58	16	010	44	0	968	03	22	10	0205	02	014	20	20	030		28		30	

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen mi/l	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
10	0000		29032						3	0
	0005	0244	29030	2320						
	0010	0242	29196	2333						
	0015	0283	30746	2453						
	0020	0372	32704	2600						
	0030	0474	34129	2703						
	0040	0538	34599	2733						
	0050	0643	34955	2749						
	0075	0625	35086	2761						
	0100	0569	35071	2766						
	0150	0569	35087	2768						
	0195	0592	35169	2772						

BT Slide Th 136/269/68

Observer Lagergren

N 58° 16′

E 10° 43.5

13 "Thetis"

77 Sweden

1968

Station

Å 17

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0123	58	15	010	34	0	968	03	22	11	0297	03	014	20	24	030		6	8	4	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
11	0000	0244	28969	2315					3	0
	0005	0245	28976	2315						
	0010	0252	29030	2319						
	0015	0309	30567	2437						
	0020	0466	34018	2696						
	0030	0517	34506	2728						
	0040	0550	34646	2735						
	0050	0657	34845	2740						
	0075	0678	35095	2754						
	0100	0644	35109	2760						
	0125	0611	35145	2767						
	0150	0572	35114	2769						
	0200	0580	35141	2771						
	0275	0600	35201	2772						

BT Slide Th 137/269/68

Observer Lagergren

N 58° 14.5′

E 10° 34′

13 "Thetis"

77 Sweden

1968

Station

Fj. 22 Saltkällefjo:

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0124	58	24	011	38	0	968	03	25	08	0064	00	000	23	12	070		2	8	1	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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	0140	26054	2088	792				3	0
	0005	0305	26567	2120	792					
	0010	0305	26946	2151	791					
	0015	0307	26941	2150	784					
	0020	0296	28174	2248	774					
	0030	0333	31278	2491	735					
	0040	0533	33692	2662	582					
	0050	0564	34077	2689	530					

BT Slide Th 138/269/68

Observer Allersand

N 58° 24.'2

E 11° 37.'9

13 "Thetis"

77 Sweden

1968

Station

Fj. 26 Alsbäck

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0125	58	19	011	33	0	968	03	25	09	0115	01	022	23	16	080		28	2	0	

Obs. time	Obs. depth	Temp.	Sal.	σ_1	Oxygen ml/l	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	0288	23262	1858	813				3	0
	0005	0310	26097	2082	800					
	0010	0311	26628	2124	795					
	0015	0304	27238	2173	788					
	0020	0305	28955	2310	770					
	0030	0354	31602	2515	732					
	0040	0492	33332	2638	607					
	0050	0542	34073	2690	591					
	0075	0447	34134	2706	666					
	0100	0434	34188	2712	663					

BT Slide Th 139/269/68

Observer Lagergren

N 58° 19.17

E 11° 32.6

13 "Thetis"

77 Sweden

1968

Station

Fj. 28 Tröskeln

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0126	58	16	011	26	0	968	03	25	10	0060	00	023	20	18	075		2	82		0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
10	0000	0322	25914	2067	814				3	0
	0005	0320	25995	2073						
	0010	0312	26237	2093	790					
	0015	0318	27457	2190	792					
	0020	0306	28656	2286	779					
	0030	0369	31720	2523	726					
	0040	0400	32545	2586	706					
	0050	0499	33727	2669	615					

BT Slide Th 140/358/68

Observer Allersand

N 58° 15.62

E 11° 26.2

13 "Thetis" Station

77 Sweden 1968 Å 11

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0127	58	20	011	10	0	968	03	25	11	0052	00	012	23	14	055		2	83		0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
11	0000	0333	27079	2159	798				3	0
	0005	0320	27097	2161	798					
	0010	0318	28159	2246	785					
	0015	0372	32054	2549	757					
	0020	0381	32621	2593	746					
	0030	0384	32877	2614	736					
	0040	0386	32925	2617	748					

BT Slide Th 141/358/68

Observer LAGERGREN

N 58° 20.2′

E 11° 09.5′

13 "Thetis"

77 Sweden

1968

Station

Å 12

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0128	58	20	011	06	0	968	03	25	12	0052	00	052	16	13	055		2	83		0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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	0361	30017	2388	776				3	0
	0005	0353	30293	2411	781					
	0010	0364	31242	2485	759					
	0015	0376	32520	2586	745					
	0020	0384	32975	2622	740					
	0030	0384	33017	2625	737					
	0040	0384	33214	2640	729					

BT Slide Th 142/358/68

Observer Allersand

N 58° 20.'2

E 11° 06.'1

13 "Thetis" Station

77 Sweden 1968 Å 13

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0129	58	20	011	02	0	968	03	25	12	0094	01	014	20	14	055		2	8	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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	0365	31494	2505	769				3	0
	0005	0366	31509	2506	769					
	0010	0366	32453	2581	747					
	0015	0323	32916	2622	745					
	0020	0313	33119	2639	752					
	0030	0325	33311	2653	740					
	0040	0339	33546	2671	733					
	0050	0345	33578	2673	736					
	0075	0339	33780	2689	747					
	0085	0347	33823	2692	728					

BT Slide Th 143/269/68

Observer Allersand

N 58° 20.2′

E 11° 02′

13 "Thetis"

77 Sweden

1968

Station

Å 14

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0130	58	19	010	57	0	968	03	25	13	0117	01	000	20	10	055		5	8	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
13	0000	0369	31408	2499	768				3	0
	0005	0372	31413	2498	765					
	0010	0380	32054	2549	757					
	0015	0397	32885	2613	742					
	0020	0388	33087	2630	737					
	0030	0392	33364	2651	749					
	0040	0368	33898	2696	730					
	0050	0365	34027	2707	735					
	0075	0381	34122	2712	740					
	0100	0415	34301	2723	720					

BT Slide Th 144/269/68

Observer Allersand

N 58° 19′

E 10° 56.5

13 "Thetis" Station

77 Sweden 1968 Å 15

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0131	58	18	010	51	0	968	03	25	14	0138	01	138 X	20	10	055		2	8	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
14	0000	0352	30617	2437	769				3	0
	0005	0348	30624	2438	773					
	0010	0371	31780	2528	751					
	0015	0383	32463	2581	745					
	0020	0381	33040	2627	731					
	0030	0387	33451	2649	726					
	0040	0406	33912	2693	721					
	0050	0400	34203	2717	719					
	0075	0425	34423	2731	710					
	0100	0430	34545	2741	712					
	0125	0433	34550	2741	711					

BT Slide Th 145/269/68

Observer Allersand

N 58° 17.7′

E 10° 51′

13 "Thetis"

77 Sweden

1968

Station

Å 16

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0132	58	16	010	44	0	968	03	25	15	0205	02	000	23	14	050		1	6	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
15	0000	0332	30098	2397	774			3	0
	0005	0343	30693	2444	765				
	0010	0369	31878	2536	743				
	0015	0369	32173	2559	710				
	0020	0385	32762	2604	739				
	0030	0430	33985	2697	730				
	0040	0424	34075	2705	711				
	0050	0433	34149	2709	709				
	0075	0440	34337	2723	704				
	0100	0442	34551	2740	707				
	0150	0452	34724	2752	706				
	0200	0434	34815	2762	721				

BT Slide Th 146/269/68

Observer Allersand

N 58° 16′

E 10° 43.5

13 "Thetis"

77 Sweden

1968

Station

Å 17

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0133	58	15	010	34	0	968	03	25	16	0298	03	025	23	14	050		27		3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_1	Oxygen ml/l	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
16	0000	0339	30495	2429	779			3	0
	0005	0339	30497	2429	781				
	0010	0334	30506	2430	801				
	0015	0347	30570	2433	800				
	0020	0332	31689	2524	757				
	0030	0477	33941	2688	718				
	0040	0527	34633	2737	685				
	0050	0611	34930	2750	668				
	0075	0615	35056	2759	680				
	0100	0537	34995	2764	709				
	0150	0574	35101	2767	680				
	0200	0585	35150	2770	698				
	0275	0598	35179	2771	697				

BT Slide Th 147/269/68

Observer Allersand

N 58° 14.5′

E 10° 34′

13 "Thetis" Station

77 Sweden 1968 Å 18 B

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0134	58	16	010	11	0	968	03	25	19	0480	04	016	26	16	045		2	8	4	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
20	0000	0367	31318	2492	799				3	0
	0005	0369	31305	2491	796					
	0010	0378	31422	2499	784					
	0015	0387	31872	2533	804					
	0020	0539	34341	2712	682					
	0030	0598	34681	2731	672					
	0040	0632	34799	2737	678					
	0050	0686	34927	2740	649					
	0075	0681	34971	2744	646					
19	0100	0709	35054	2747	629					
	0150	0685	35069	2751	629					
	0200	0671	35118	2757	624					
	0300	0636	35138	2763	641					
	0400	0574	35121	2770	613					

BT Slide Th 148/269/68

Observer Lagergren

13 "Thetis"

77 Sweden

1968

Station

R 45

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0135	58	16	009	58	0	968	03	25	21	0520	05	013	25	24	040		2	8	5	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
22	0000	0393	32314	2568	807				3	0
	0005	0397	32257	2563	813					
	0010	0396	32325	2569	773					
	0015	0459	33462	2652	733					
	0020	0539	34323	2711	691					
	0030	0599	34653	2729	668					
	0040	0640	34766	2734	650					
	0050	0676	34888	2738	655					
	0075	0695	34998	2744	633					
21	0100	0687	35012	2747	644					
	0150	0686	35070	2751	624					
	0200	0677	35124	2757	614					
	0300	0631	35136	2764	622					
	0400	0597	35142	2769	615					
	0500	0596	35190	2772	680					

BT Slide Th 149/269/68

Observer Allersand

N 58° 16.4

E 09° 57.5

13 "Thetis" Station

77 Sweden 1968 M 6

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0136	58	10	009	30	0	968	03	26	01	0645	06	024	25	14	045		2	8	5	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
02	0000	0397	32404	2574	754		829	0.23	0.48	3	3
	0005	0400	32407	2575	753		826	0.23	0.56		
	0010	0399	32476	2581	760		834	0.24	0.57		
	0015	0395	32566	2588	749		832	0.24			
	0020	0403	32829	2608	750		838	1.78	0.52		
	0030	0431	33756	2679	711		836	0.66	0.70		
	0040	0465	34147	2706	686		826	0.66	0.73		
	0050	0520	34400	2719	678		834	0.61	0.81		
	0075	0569	34843	2749	681		834	0.83	0.96		
01	0100	0599	34939	2752	668		830	0.85	1.02		
	0150	0604	35006	2757	661		827	0.90	1.04		
	0200	0631	35073	2758	652		825	0.90	1.01		
	0300	0633	35157	2765	599		826	0.98	1.10		
	0400	0602	35149	2769	607		825	1.03	1.10		
	0500	0569	35118	2771	595		827	1.16	1.26		
	0600	0544	35089	2771	592		826	1.08	1.25		

BT Slide Th 150/269/68

Observer Allersand

13 "Thetis" Station

77 Sweden 1968 R 53

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0137	57	48	010	42	0	968	03	26	07	0080	01	080	14	04	060		2	8	1	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
07	0000	0345	32132	2558	753				3	0
	0005	0341	32263	2568	752					
	0010	0354	32599	2594	754					
	0015	0347	32895	2619	751					
	0020	0354	33084	2632	752					
	0030	0339	33257	2648	749					
	0040	0349	33490	2665	748					
	0050	0342	33650	2679	747					
	0075	0349	34025	2708	740					

BT Slide Th 151/269/68

Observer Allersand

13 "Thetis" Station

77 Sweden 1968 P 4

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0138	57	48	010	52	0	968	03	26	08	0061	00	061	14	04	060		2	8	1	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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	0343	32313	2572	754				3	0
	0005	0342	32358	2576	755					
	0010	0353	32715	2604	753					
	0015	0341	32973	2625	756					
	0020	0355	32977	2624	758					
	0025	0341	32983	2625	748					
	0035	0349	33010	2627	751					
	0045	0369	33090	2632	740					
	0050	0341	33268	2649	748					

BT Slide Th 152/358/68

Observer Allersand

13 "Thetis"

77 Sweden

1968

Station

P 3

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0139	57	50	011	04	0	968	03	26	09	0051	00		23	04	060		2	7	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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	0347	32726	2605	755					30
	0005	0345	32729	2605	754					
	0010	0340	32729	2606	755					
	0015	0352	32732	2605	755					
	0020	0339	32758	2608	756					
	0030	0339	32878	2618	752					
	0040	0326	33070	2634	741					
	0045	0326	33070	2634	745					

Observer Allersand

13 "Thetis"

77 Sweden

1968

Station

P 2 B

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0140	57	51	011	15	0	968	03	26	10	0074	01	07X4	25	08	060		4	4	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
10	0000	0358	32611	2594	764				3	0
	0005	0361	32610	2594	759					
	0010	0350	32654	2599	756					
	0015	0337	32731	2606	754					
	0020	0352	32755	2607	753					
	0030	0358	32792	2611	753					
	0040	0341	32815	2613	752					
	0050	0340	32889	2618	752					
	0070	0347	33228	2645	733					

BT Slide Th 153/269/68

Observer Allersand

N 57° 51.4′

E 11° 14.9′

13 "Thetis"

77 Sweden

1968

Station

P 2

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0141	57	52	011	18	0	968	03	26	11	0099	01	085	25	04	060		1	4		20

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
11	0000	0385	32622	2593	766				3	0
	0005	0357	32621	2595	758					
	0010	0358	32638	2597	756					
	0015	0348	32708	2604	758					
	0020	0339	32786	2611	756					
	0030	0352	32800	2610	757					
	0040	0337	32814	2612	751					
	0050	0339	32888	2619	753					
	0075	0340	33072	2632	744					
	0090	0409	33715	2678	707					

BT Slide Th 154/269/68

Observer Allersand

13 "Thetis"

77 Sweden

1968

Station

P 1 B

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0142	57	52	011	21	0	968	03	26	11	0065	01	065	25	06	060		4	4	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
11	0000	0391	29247	2325	784				3	0
	0005	0385	31368	2494	768					
	0010	0377	32131	2554	748					
	0015	0374	32261	2565	751					
	0020	0367	32587	2592	751					
	0030	0370	32806	2609	743					
	0040	0378	32846	2612	738					
	0050	0382	32913	2616	738					
	0060	0395	33260	2643	712					

BT Slide Th 155/358/68

Observer Allersand

N 57° 52.3′

E 11° 21′

13 "Thetis"

77 Sweden

1968

Station

P 1

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0143	57	53	011	25	0	968	03	26	12	0060	00	060 X	20	08	060		1	4	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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	0358	24627	1963	812				3	0
	0005	0354	26436	2106	805					
	0010	0375	31264	2486	770					
	0015	0383	32082	2551	749					
	0020	0373	32281	2567	744					
	0030	0367	32702	2601	750					
	0040	0360	32796	2609	748					
	0050	0385	32902	2616	738					

BT Slide Th 156/358/68

Observer Allersand

13 "Thetis"

77 Sweden

1968

Station

Fj. 55 Marstradsfjord

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0144	57	54	011	32	0	968	03	26	13	0037	00	000	20	10	060		2	7	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
13	0000	0336	19197	1532	834				3	0
	0005	0311	22898	1829	830					
	0010	0326	26673	2127	795					
	0015	0365	30366	2416	766					
	0020	0373	31704	2521	751					
	0030	0377	32613	2593	737					

BT Slide Th 157/358/68

Observer Allersand

13 "Thetis" Station

77 Sweden 1968 Fj. 55 Marstrandsfjo

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0145	57	54	011	32	0	968	05	13	12	0036	00	006	20	28	095		28		2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
12	0000	0884	20675	1599	748			0.02	3	4
	0005	0873	20701	1602	748			0.07		
	0010	0800	25748	2006	742			0.09		
	0015	0784	28539	2226	734			0.07		
	0020	0782	30712	2396	719			0.08		
	0030	0713	32720	2563	718			0.11		

BT Slide Th 158/358/68

Observer Engström

13 "Thetis" Station

77 Sweden 1968 Fj. 53 Åstol

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0146	57	55	011	36	0	968	05	13	12	0065	00	005	20	28	095		6	8	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
12	0000	0914	17971	1385				0.08	3	4
	0005	0891	18423	1423	761			0.05		
	0010	0773	26084	2035	719			0.12		
	0015	0775	29085	2271	732			0.09		
	0020	0774	30012	2342	720			0.12		
	0030	0694	32633	2559	711			0.25		
	0040	0678	32746	2570	711			0.25		
	0050	0666	32897	2583	707			0.63		

BT Slide Th 159/358/68

Observer Engström

N 57° 55.′18

E 11° 35.′6

13 "Thetis"

77 Sweden

1968

Station

Fj. 52 Hakefjord

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0147	57	59	011	46	0	968	05	13	14	0031	00	010	20	28	095		6	8	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
14	0000	0957	16810	1290	759			0.09	3	4
	0005	0950	17169	1319	753			0.09		
	0010	0938	17620	1356	743			0.08		
	0015	0644	26985	2122	625			0.28		
	0020	0640	32081	2522	696			0.41		
	0028	0646	32251	2534	696			0.56		
								BT Slide Th 160/358/68		
								Observer Engström		
								N 57° 59.'38		
								E 11° 45.'7		

13 "Thetis"

77 Sweden

1968

Station

Fj 51 Askeröfjord

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0148	58	04	011	47	0	968	05	13	14	0026	00	012	18	20	090		6	8	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
14	0000	0961	17330	1330	748			0.02	3	4
	0005	0960	17338	1331	746			0.02		
	0010	0963	17527	1345	743			0.02		
	0015	0784	22210	1731	643			0.12		
	0023	0581	30307	2390	624			0.48		
								BT Slide Th 161/358/68		
								Observer Engström		
								N 58° 04.'23		
								E 11° 47.'2		

13 "Thetis" Station

77 Sweden 1968 Fj. 50 Halsanabbe

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0149	58	08	011	50	0	968	05	13	15	0047	00	012	18	20	090		6	8	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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	0965	18019	1383	735			0.02	3	4
	0005	0965	18056	1386	727			0.16		
	0010	0953	18210	1399	729			0.08		
	0015	0875	19586	1516	693			0.09		
	0020	0584	26793	2113	557			0.36		
	0030	0564	28027	2214	561			0.36		

BT Slide Th 162/358/68

Observer Engström

N 58° 07.82

E 11° 50.23

13 "Thetis" Station

77 Sweden 1968 Fj. 49 a Dokorsviken

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0150	58	11	011	51	0	968	05	13	16	0025	00	010	18	20	090		6	8	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
16	0000	0932	18869	1453	668			0.15	3	4
	0005	0921	18879	1455	715			0.10		
	0010	0904	19185	1481	713			0.10		
	0015	0559	24904	1967	566			0.38		
	0022	0508	29828	2360	453			0.76		

BT Slide Th 163/358/68

Observer Engström

N 58° 11′

E 11° 51.04

13 "Thetis" Station

77 Sweden 1968 Fj. 48 Björningarna

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0151	58	16	011	49	0	968	05	13	16	0028	00	007	18	12	080		6	8	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
16	0000	0991	18651	1429	718			0.02	3	4
	0005	0989	18657	1429	715			0.04		
	0010	0815	20223	1572	664			0.08		
	0015	0443	26387	2095	550			0.05		
	0020	0464	29025	2301	448			0.43		
	0025	0507	32167	2545	308			1.66		
								BT Slide Th 164/358/68		
								Observer Engström		
								N 58° 15.′58		
								E 11° 49.′24		

13 "Thetis" Station

77 Sweden 1968 Fj. 47 Byfjorden

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0152	58	20	011	53	0	968	05	14	07	0049	00	008	27	12	080		1	6	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	Oxygen %	pH	PO_4-P µgat/l	H_2S 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
07	0000	0942	15432	1185	729			0.75		3	3
	0005	0972	16461	1261	711			0.59			
	0010	0607	22449	1769	524			0.71			
	0015	0613	29434	2317	0.07			7.53	2.45		
	0020	0628	30107	2368					44.8		
	0030	0611	30529	2404				16.6	50.0		
	0040	0603	30704	2418				18.75	49.2		
	0045	0604	30730	2420				19.33	49.5		
								BT Slide Th 165/358/68			
								Observer Engström			

13 "Thetis"

77 Sweden

1968

Station

Fj. 46 Havstensfjord

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0153	58	19	011	46	0	968	05	14	07	0042	00	010	27	12	080		1	6	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
07	0000	0988	18483	1408	714			0.09	3	4
	0005	0989	18484	1408	714			0.16		
	0010	0896	19068	1473	684			0.09		
	0015	0437	27178	2158	544			0.15		
	0020	0460	29647	2351	433			0.59		
	0030	0488	32779	2595	400			1.31		
	0038	0487	32927	2607	293			1.58		

BT Slide Th 166/358/68

Observer Engström

N 58° 18.'75

E 11° 46.'4

13 "Thetis"

77 Sweden

1968

Station

Fj. 44 Kalvöfjord

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0154	58	17	011	41	0	968	05	14	08	0062	00	010	25	14	080		28		2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
08	0000	0967	18709	1436	708			0.08	3	4
	0005	0968	18705	1436	708			0.09		
	0010	0948	18944	1457	696			0.07		
	0015	0409	25631	2038	513			0.17		
	0020	0437	26716	2121	372			0.66		
	0030	0445	27770	2205	314			1.52		
	0040	0449	27937	2217	321			1.70		
	0050	0448	28149	2233	307			1.71		

BT Slide Th 167/358/68

Observer Engström

N 58° 17.'07

E 11° 40.'8

13 "Thetis"

77 Sweden

1968

Station

Fj. 43 Borgilafjord

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0155	58	15	011	38	0	968	05	14	08	0062	00	008	25	20	080		1	6	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
08	0000	0946	19032	1464	716			0.17	3	4
	0005	0947	19041	1465	711			0.15		
	0010	0664	21340	1676	628			0.23		
	0015	0432	26006	2066	398			0.58		
	0020	0469	27231	2159	254			1.67		
	0030	0469	27825	2207	237			2.22		
	0040	0466	27922	2214	228			2.32		
	0050	0461	28012	2222	259			2.37		

BT Slide Th 168/358/68

Observer Engström

N 58° 15.′2

E 11° 37.′75

13 "Thetis" Station

77 Sweden 1968 Fj. 42 Koljöfjord

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0156	58	14	011	35	0	968	05	14	09	0042	00	008	25	20	080		1	5	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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	0924	19333	1490	722			0.12	3	4
	0005	0921	19336	1491	715			0.08		
	0010	0650	21760	1711	624			0.09		
	0015	0440	25839	2052	387			0.41		
	0020	0469	27033	2144	222			1.97		
	0025	0489	27667	2193	173			2.47		
	0030	0479	27837	2207	182			2.72		
	0035	0477	27884	2211	194			2.85		
	0040	0477	27912	2213	184			2.98		

BT Slide Th 169/358/68

Observer Engström

N 58° 13.'83

E 11° 34.'8

13 "Thetis"

77 Sweden

Station

Fj. 61 Åbyfjorden

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0157	58	22	011	23	0	968	05	14	11	0024	00	009	23	14	085		1	5	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
11	0000	0951	21699	1671	730			0.17	3	4
	0005	0946	21725	1673	720			0.08		
	0010	0851	23017	1786	699			0.15		
	0015	0596	31895	2514	691			0.58		
	0020	0596	32103	2529	689			0.58		
								BT Slide Th 170/358/68		
								Observer Engström		
								N 58° 22.4′		
								E 11° 22.7′		

13 "Thetis"

77 Sweden

Station

Fj. 62 Brofjorden

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0158	58	22	011	26	0	968	05	14	12	0025	00	011	23	14	085		1	5	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
12	0000	0948	21859	1683	724			0.05	3	4
	0005	0943	21852	1683	724			0.04		
	0010	0944	21866	1684	727			0.09		
	0015	0591	31688	2498	689			0.56		
	0020	0598	31801	2505	698			0.52		
								BT Slide Th 171/358/68		
								Observer Engström		
								N 58° 21.6′		
								E 11° 25.5′		

13 "Thetis"

77 Sweden

1968

Station

Fj. 63 Malmö Drag

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0159	58	19	011	22	0	968	05	14	13	0032	00	009	25	16	085		1	5	20	

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
13	0000	0901	22281	1722	734			0.06	3	4
	0005	0892	22290	1724	740			0.11		
	0010	0829	23260	1807	732			0.06		
	0015	0634	31171	2451	706			0.36		
	0020	0643	31934	2509	708			0.35		
	0028	0624	32495	2557	707			0.45		

BT Slide Th 172/358/68

Observer Engström

N 58° 19.1

E 11° 21.7

13 "Thetis"

77 Sweden

1968

Station

Fj. 22 Saltkällefjord

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0160	58	25	011	40	0	968	05	15	08	0062	00	010	00	00	100		1	5	0	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
08	0000	0935	0066	0033	821			0.29	1	4
	0005	0932	21259	1639	701			0.17	3	
	0010	0875	22482	1741	704			0.15		
	0015	0527	31156	2463	686			0.56		
	0020	0553	31610	2495	690			0.56		
	0030	0461	31965	2534	657			0.71		
	0040	0446	32619	2587	608			0.71		
	0050	0477	33275	2636	542			1.20		
	0058	0494	33494	2650	568			1.52		

BT Slide Th 173/358/68

Observer Engström

N 58° 25.′42

E 11° 39.′5

13 "Thetis"

77 Sweden

1968

Station

Fj. 26 Alsbäck

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0161	58	19	011	33	0	968	05	15	09	0119	01	009	25	06	110		1	2	1	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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	0996	13317	1015	760			0.17	3	4
	0005	0915	21724	1676	710			0.17		
	0010	0761	24164	1886	695			0.15		
	0015	0667	31603	2481	700			0.45		
	0020	0650	31822	2500	702			0.50		
	0030	0520	32189	2545	681			0.69		
	0040	0473	32457	2571	666			0.66		
	0050	0471	33170	2627	626			0.88		
	0060	0479	33989	2692	595			1.17		
	0070	0466	34082	2701	589			1.29		
	0080	0466	34135	2705	581			1.31		
	0090	0449	34141	2707	579			1.47		
	0100	0444	34152	2708	565			1.47		
	0115	0441	34167	2710	523			2.07		

BT Slide Th 174/269/68

Observer Engström

N 58° 19.'17

E 11° 32.'6

13 "Thetis" Station

77 Sweden 1968 Fj. 28 Tröskeln

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0162	58	16	011	26	0	968	05	15	10	0063	00	005	25	06	100		1	1	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
10	0000	09 29	22 189	17 11	718			0.05	3	4
	0005	09 13	22 294	17 21	726			0.08		
	0010	07 80	29 679	23 16	714			0.15		
	0015	07 40	31 187	24 40	713			0.16		
	0020	07 26	31 637	24 77	709			0.16		
	0030	06 72	32 336	25 39	707			0.28		
	0040	06 21	32 691	25 72	690			0.31		
	0050	04 74	33 517	26 55	616			0.68		

BT Slide Th 175/358/68

Observer Engström

N 58° 15.'62

E 11° 26.'2

13 "Thetis"

77 Sweden

Station

Smedjan

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0163	58	16	011	22	0	968	05	15	11	0040	00	004	25	06	10 0		1	1	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
11	0000	09.29	22.562	17.40	7.18			0.21	3	4
	0005	08.81	23.700	18.35	7.18			0.12		
	0010	08.10	29.653	23.09	7.25			0.15		
	0015	07.86	31.314	24.43	7.09			0.19		
	0020	07.62	31.618	24.70	7.04			0.16		
	0030	07.38	32.203	25.19	7.01			0.28		
	0040	06.90	32.687	25.64	7.03			0.38		
								BT Slide Th 176/358/68		
								Observer Engström		

13 "Thetis"

77 Sweden

Station

Å 11

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0164	58	20	011	10	0	968	05	15	12	0049	00	049	25	06	10 0	1	1	1	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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	09.04	23.372	18.06	7.42				3	0
	0005	08.33	26.481	20.59	7.44					
	0010	08.18	31.458	24.50	7.21					
	0015	07.97	32.410	25.27	7.03					
	0020	07.95	32.537	25.38	7.03					
	0030	07.75	32.641	25.49	7.00					
	0040	07.55	32.891	25.71	7.04					
								BT Slide Th 177/358/68		
								Observer Engström		
								N 58° 20.2		
								E 11° 09.5		

13 "Thetis"

77 Sweden

Station

Å 12

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0165	58	20	011	06	0	968	05	15	12	0048	00	000	27	06	10 0		1	1	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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	0952	22982	1770	740				3	0
	0005	0812	31269	2436	720					
	0010	0812	32065	2499	710					
	0015	0791	32581	2542	700					
	0020	0788	32803	2559	705					
	0030	0760	33139	2589	709					
	0040	0759	33140	2590	709					

BT Slide Th 178/358/68

Observer Engström

N 58° 20.'2

E 11° 06.'1

13 "Thetis"

77 Sweden

Station

Å 13

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0166	58	20	011	02	0	968	05	15	13	0092	01	000	27	06	10 0		1	1	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
13	0000	0926	24997	1931	774				3	0
	0005	0825	30788	2396	678					
	0010	0806	31800	2478	724					
	0015	0793	32665	2549	708					
	0020	0765	32952	2574	701					
	0030	0728	33461	2619	712					
	0040	0710	33950	2660	733					
	0050	0681	34213	2685	726					
	0075	0670	34707	2725	728					

BT Slide Th 179/269/68

Observer Engström

N 58° 20.2′

E 11° 02′

13 "Thetis"

77 Sweden

Station

Å 14

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0167	58	19	010	57	0	968	05	15	14	0115	01	000	25	06	10 0		1	1	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
14	0000	0855	31310	2433	728				3	0
	0005	0810	31506	2455	735					
	0010	0784	31570	2463	740					
	0015	0771	32298	2522	728					
	0020	0719	33896	2577	725					
	0030	0670	34584	2715	741					
	0040	0675	34785	2730	731					
	0050	0671	34813	2732	741					
	0075	0640	34915	2745	671					
	0100	0637	34911	2745	722					

BT Slide Th 180/269/68

Observer Jonasson

N 58° 19′

E 10° 56.5

13 "Thetis"

77 Sweden

Station

Å 15

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0168	58	18	010	51	0	968	05	15	15	0142	01	000	27	08	10 0		0	0	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
15	0000	0853	31333	2435	734				30	
	0005	0837	31336	2438	734					
	0010	0786	31515	2459	750					
	0015	0780	31609	2467	745					
	0020	0769	33212	2594	737					
	0030	0682	34610	2715	740					
	0040	0660	34900	2741	728					
	0050	0658	34895	2742	730					
	0075	0595	34994	2757	696					
	0100	0581	35024	2760	705					
	0125	0579	35012	2761	703					

BT Slide Th 181/269/68

Observer Engström

N 58° 17.7′

E 10° 51′

13 "Thetis"

77 Sweden

Station

Å 16

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0169	58	16	010	44	0	968	05	15	14	0208	02	005	27	10	09 0		11		3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
14	0000	08.65	31.278	24.29	737				3	0
	0005	08.54	31.316	24.34	738					
	0010	07.73	31.660	24.72	749					
	0015	07.49	32.053	25.06	742					
	0020	06.19	32.899	25.89	721					
	0030	05.38	34.468	27.23	689					
	0040	05.54	34.665	27.37	657					
	0050	05.78	34.819	27.46	659					
	0075	06.27	35.065	27.59	629					
	0100	06.18	35.149	27.66	654					
	0150	05.77	35.128	27.70	669					
	0190	05.83	35.142	27.70	665					

BT Slide Th 182/269/68

Observer Engström

N 58° 16′

E 10° 43.5

13 "Thetis"
77 Sweden

Station
Å 17

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0170	58	15	010	34	0	968	05	15	17	0300	03	010	27	14	09 0		1	1	4	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
17	0000	08.30	31.591	24.58	7.28				3	0
	0005	08.30	31.590	24.58	7.30					
	0010	08.30	31.597	24.59	7.80					
	0015	07.48	32.053	25.06	7.45					
	0020	07.04	32.440	25.43	7.36					
	0030	05.36	34.295	27.09	6.73					
	0040	05.44	34.568	27.30	6.65					
	0050	05.65	34.738	27.41	6.66					
	0075	06.21	35.052	27.58	6.60					
	0100	06.10	35.144	27.66	6.51					
	0150	05.94	35.174	27.71	6.65					
	0200	05.75	35.133	27.71	6.10					
	0275	05.72	35.133	27.71	6.60					

BT Slide Th 183/269/68
Observer Engström

N 58° 14.5′
E 10° 34′

13 "Thetis"

77 Sweden

Station

Å 18 B

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0171	58	16	010	11	0	968	05	16	07	0475	04	006	16	08	08 0		1	2	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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	08 67	26 115	20 27	7 25				3	0
	0005	08 62	26 097	20 26	7 36					
	0010	07 49	31 382	24 53	7 42					
	0015	05 25	33 350	26 36	7 25					
	0020	05 15	33 816	26 74	7 01					
	0030	05 39	34 449	27 21	6 70					
	0040	05 63	34 697	27 37	6 62					
	0050	06 05	34 833	27 43	6 50					
07	0075	06 24	34 957	27 51	6 43					
	0100	06 29	35 030	27 55	6 39					
	0150	06 04	35 058	27 60	6 42					
	0200	06 06	35 130	27 67	6 25					
	0300	05 67	35 114	27 69	6 26					
	0400	05 59	35 122	27 72	6 55					

BT Slide Th 184/269/68

Observer Ebgström

13 "Thetis"

77 Sweden

Station

M 6

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0172	58	10	009	30	0	968	05	16	11	0641	06	004	11	08	10 0	1	1	1	2	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
11	0000	0901	25655	1986	737			0.08	3	4
	0005	0873	25691	1992	740			0.11		
	0010	0568	32830	2590	785			0.11		
	0015	0485	33688	2668	716			0.51		
	0020	0495	34099	2699	702			0.63		
	0030	0602	34688	2732	654			0.84		
	0040	0669	34935	2744	631			0.84		
	0050	0672	35000	2747	626			0.97		
	0075	0639	35017	2753	587			0.95		
	0100	0625	35031	2756	636			0.95		
	0150	0623	35080	2760	638			1.00		
	0200	0625	35126	2764	622			1.06		
	0300	0597	35139	2768	623			1.09		
	0400	0583	35149	2771	648			1.16		
	0500	0552	35129	2773	673			1.05		
	0600	0551	35134	2773	676			0.98		

BT Slide Th 185/269/68

Observer Engström

13 "Thetis"

77 Sweden

Station

P 4

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0173	57	48	010	52	0	968	05	17	07	0060	00	004	05	22	05 0		2	8	4	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
07	0000	0890	19914	1539	760				3	0
	0005	0869	23509	1822	756					
	0010	0848	30931	2404	715					
	0015	0816	31437	2449	706					
	0020	0802	31740	2474	700					
	0030	0747	33597	2628	704					
	0040	0685	34569	2712	721					
	0050	0686	34652	2718	721					

BT Slide Th 186/358/68

Observer Jonasson

13 "Thetis"

77 Sweden

Station

P 3

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0174	57	50	011	04	0	968	05	17	08	0049	00	000	05	18	04 5	2	8	4	0	

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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	0783	24013	1872	762				3	0
	0005	0843	29716	2310	738					
	0010	0847	30073	2337	733					
	0015	0855	31113	2417	717					
	0020	0835	31134	2422	714					
	0030	0837	31386	2442	707					
	0040	0789	32226	2515	683					

BT Slide Th 187/358/68

Observer Engström

13 "Thetis"

77 Sweden

Station

P 2 b

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0175	57	51	011	15	0	968	05	17	09	0069	01	006	05	26	04 5		28		4	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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	0860	27546	2155	737				3	0
	0005	0858	27668	2165	733					
	0010	0825	30222	2351	724					
	0015	0817	31744	2472	698					
	0020	0812	31877	2484	700					
	0030	0807	32090	2500	691					
	0040	0792	32330	2522	687					
	0050	0696	33686	2642	695					
	0060	0562	34379	2713	659					

BT Slide Th 188/358/68

Observer Engström

N 57° 51.'4

E 11° 14.'9

13 "Thetis"

77 Sweden

Station

P 2

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0176	57	52	011	18	0	968	05	17	09	0099	01	000	05	24	04 5	2	8	4	0	

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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	0878	24731	1917	747				3	0
	0005	0830	30040	2337	728					
	0010	0845	31030	2413	719					
	0015	0817	31546	2457	707					
	0020	0822	31908	2484	695					
	0030	0822	32052	2495	696					
	0040	0809	32411	2525	700					
	0050	0779	32936	2571	654					
	0075	0573	34480	2719	666					
	0090	0671	34807	2732	715					

BT Slide Th 189/269/68

Observer Engström

13 "Thetis"

77 Sweden

Station

P 1 b

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0177	57	52	011	21	0	968	05	17	10	0065	01	000	05	24	04 5		2	8	3	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
10	0000	0894	19766	1528	766				3	0
	0005	0849	30862	2399	729					
	0010	0837	31193	2426	713					
	0015	0832	31401	2443	709					
	0020	0816	31709	2470	703					
	0030	0813	32045	2496	699					
	0040	0808	32409	2525	696					
	0050	0795	32854	2562	710					
	0060	0504	34152	2702	598					

BT Slide Th 190/358/68

Observer Engström

N 57° 52.3

E 11° 21′

13 "Thetis" Station

77 Sweden P 1

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0178	57	53	011	25	0	968	05	17	10	0058	00	048	05	24	05 0		28	3	0	

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
10	0000	0899	19898	1537	773				3	0
	0005	0854	30549	2357	728					
	0010	0841	31054	2415	722					
	0015	0836	31501	2450	704					
	0020	0825	31838	2478	704					
	0030	0813	31996	2492	700					
	0040	0796	32621	2545	703					
	0050	0749	33074	2586	692					
								BT Slide Th 191/358/68		
								Observer Engström		

13 "Thetis" Station

77 Sweden Marstrandsfjord

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0179	57	54	011	32	0	968	05	17	11	0036	00	004	05	20	06 0		28	3	0	

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
11	0000	0896	21690	1677	755				3	0
	0005	0792	28904	2253	712					
	0010	0798	30332	2363	710					
	0015	0772	31239	2439	705					
	0020	0768	31479	2458	712					
	0030	0725	32870	2574	686					
								BT Slide Th 192/358/68		
								Observer Engström		

13 "Thetis"

77 Sweden

Station

Idefjorden 1

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0180	59	01	011	27	0	968	06	18	09	0008	00		14	04	21 8		2	7	0	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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	2216	05048	0162	533				3	0
	0002	1518	09346	0632	258					
	0004	1366	11587	0829	165					
	0006	0859	16747	1297	013					
	0008	0678	21451	1682	0					

Observer Dybern

13 "Thetis"

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Station

Idefjoren 3

1968

Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0181	59	03	011	24	0	968	06	18	09	0031	00		14	04	21 8		2	7	0	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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	2227	06117	0381	504				3	0
	0002	1850	07598	0436	299					
	0005	1149	14814	1110	131					
	0010	0640	19702	1549	091					
	0015	1032	22367	1711	068					
	0020	0860	27303	2119	0					
	0030	0714	30768	2410	0					

Observer Dybern

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Station

Idefjorden 5

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Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0182	59	06	011	22	0	968	06	18	10	0028	00		14	06	24 0		1	5	0	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
10	0000	2405	05364	0138	056				3	0
	0002	1589	10894	0737	069					
	0005	1279	14762	1088	136					
	0010	0679	23674	1858	0					
	0015	0715	27857	2182	0					
	0020	0723	29605	2318	0					
	0025	0667	30835	2421	0					

Observer Dybern

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Station

Idefjorden 13

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Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0183	59	07	011	19	0	968	06	18	11	0039	00		23	04	24 5		2	8	0	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
11	0000	2193	06366	0268	0				3	0
	0002	1924	09067	0531	132					
	0005	1389	16307	1189	181					
	0010	0706	23528	1843	127					
	0015	0849	26923	2091	312					
	0020	0675	29779	2259	0					
	0025	0650	29344	2305	0					
	0030	0636	29440	2314	0					

Observer Dybern

13 "Thetis"

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Station

Idefjorden 14

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Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
1183	59	06	011	17	0	968	06	18	12	0040	00		23	02	24 5		2	7	0	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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	1995	08944	0506	203				3	0
	0002	1867	10396	0645	328					
	0005	1683	13467	0917	384					
	0010	1127	24801	1885	427					
	0015	0928	27106	2095	346					
	0020	0684	28860	2243	0					
	0025	0642	29251	2299	0					
	0030	0627	29383	2311	0					
	0035	0585	29504	2324	0					

Observer Dybern

13 "Thetis"

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Station

Idefjorden 14 a

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Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0184	59	06	011	16	0	968	06	18	12	0026	00		27	06			2	8	1	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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	1952	09562	0562	589				3	0
	0002	1943	09570	0565	580					
	0005	1548			579					
	0010	1193	19177	1440	546					
	0015	0989	28338	2180	555					
	0020	0956								
	0025	0816	30423	2368	595					

Observer Dybern

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Station

Idefjorden 15

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Hydro Depth Observations (Code 0 3)

Station No.	Lat. °	Lat. ′	Long. °	Long. ′	N S E W	Date Year	Date Mo.	Date Day	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind Dir.	Wind Sp. kn.	Temperature Dry bulb	Temperature Wet bulb	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	55 56 57	58 59 60	61	62	63	64
0185	59	06	011	15	0	968	06	18	13	0031	00		27	04	21 0		2	8	0	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen ml/l	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
13	0000	20.86	06.300	0287	680				3	0
	0002	20.13	06.920	0350	655					
	0005	16.34	20.002	1422	574					
	0010	13.24	24.744	1845	585					
	0015	09.26	31.151	2409	669					
	0020	07.18	31.889	2487	640					
	0025	06.31	32.434	2550	628					

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