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Ödsmål, Kville sn, Bohuslän

Hällristning
Fiskare från
bronsåldern

Rock carving
Bronze age
fishermen



MEDDELANDE från
HAVSFISKELABORATORIET · LYSEKIL

nr
132

Hydrografiska avdelningen, Göteborg

Hydrographical Data

July - December 1971

R.V. Skagerak

R.V. Thetis

December 1972

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) Readings, in degrees centigrade to the 1st decimal place, of the dry
and wet bulb thermometer respectively. Negative temperatures will be

58-60. Temperature. Wet bulb) 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 eighths:

- 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 \pm)	
		in metres	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 $\geq 10.00 \text{ cm}^3/\text{dm}^3$, the excess of 10.00 is entered, and an overpunch 11 is punched in column 58. That a value is questionable is indicated by an overpunch 11 in column 59.

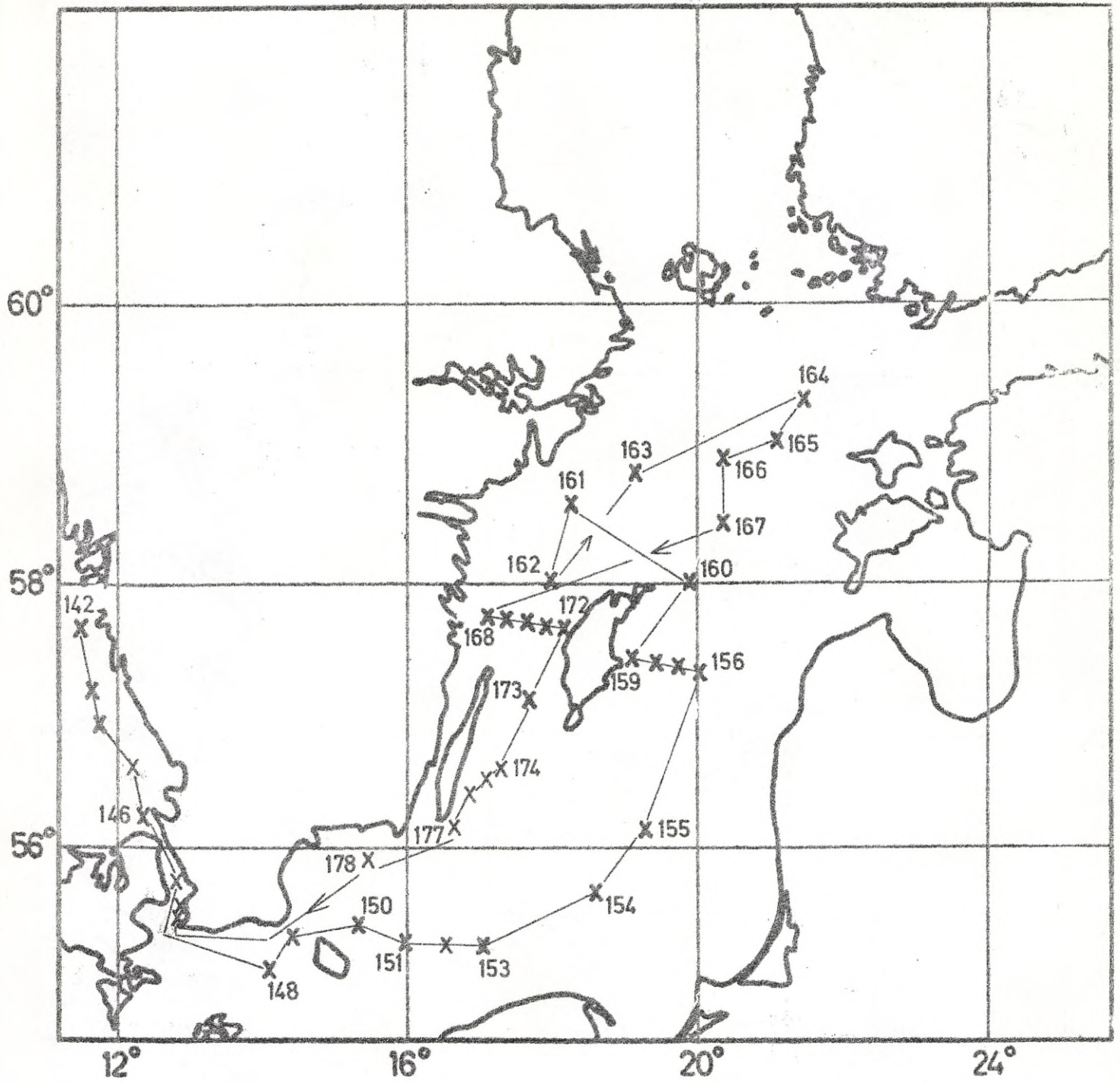
77. Method used for determination of salinity, according to the following code:

- 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.

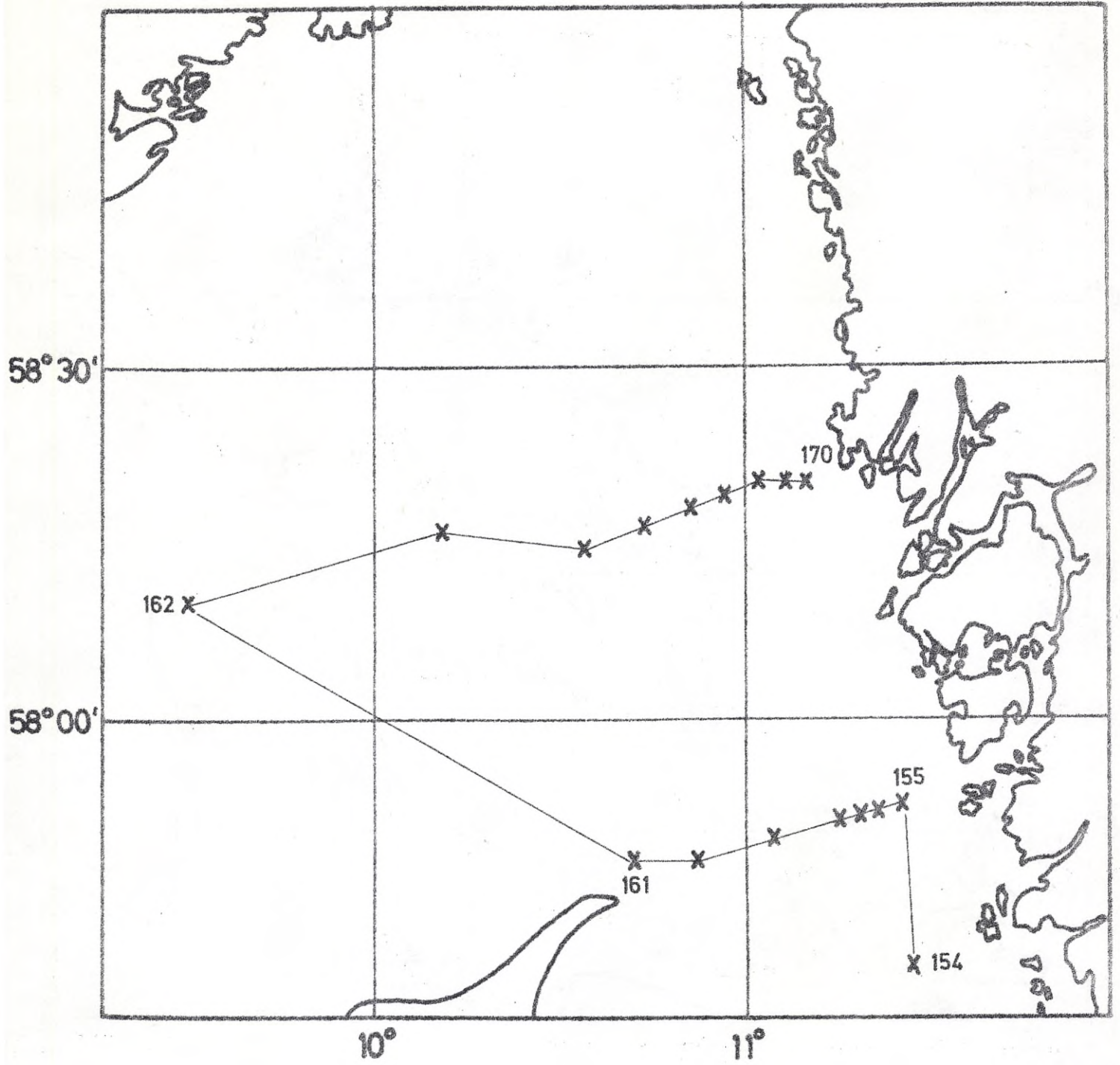
78. Extra Information. Here is indicated whether or not other information than that given in the foregoing columns exists for the depth in question. The following code is used:

- 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.

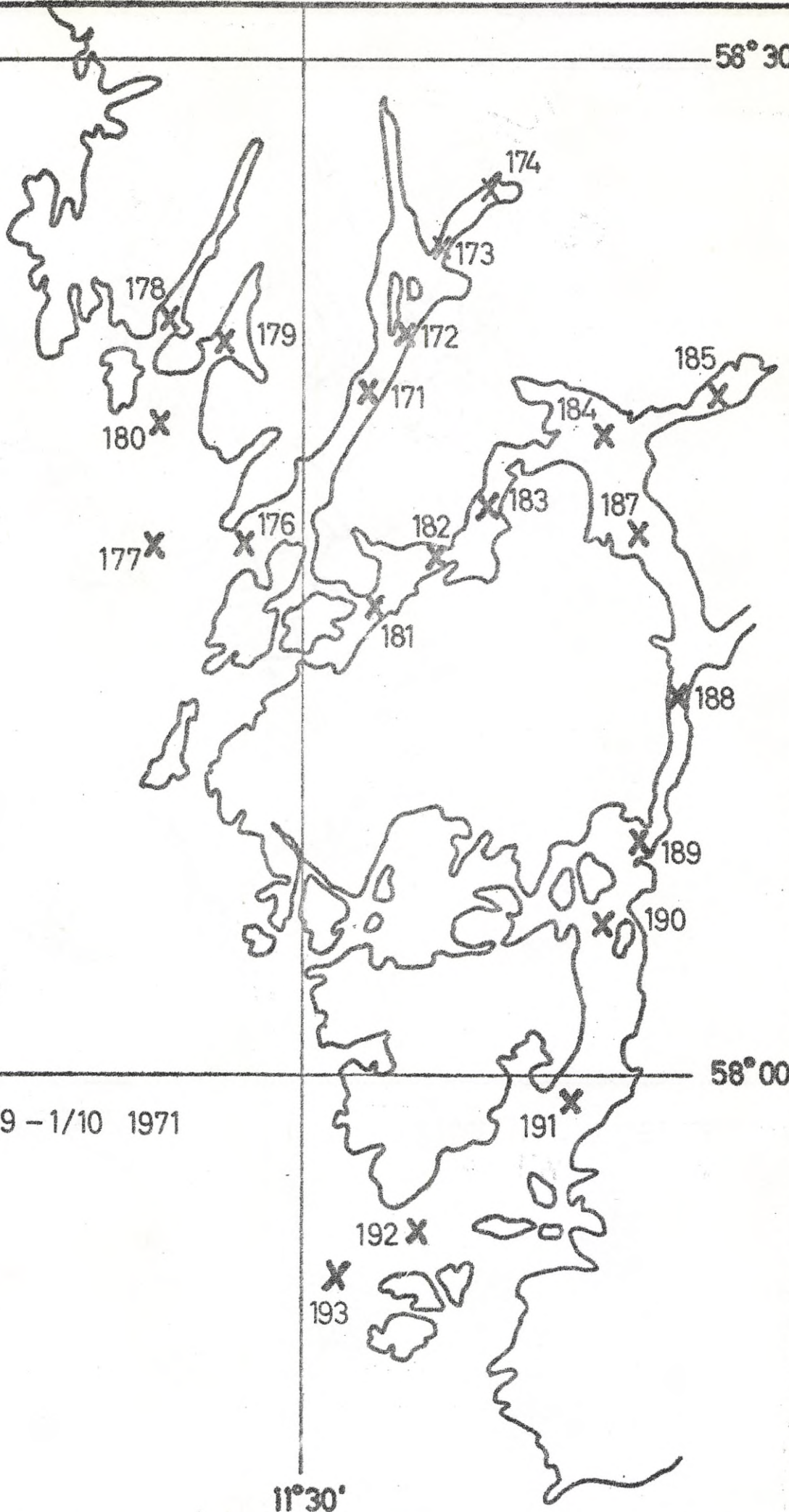
"SKAGERAK" 16-26/8 1971



"THETIS" 27-28/9 1971



58° 30'



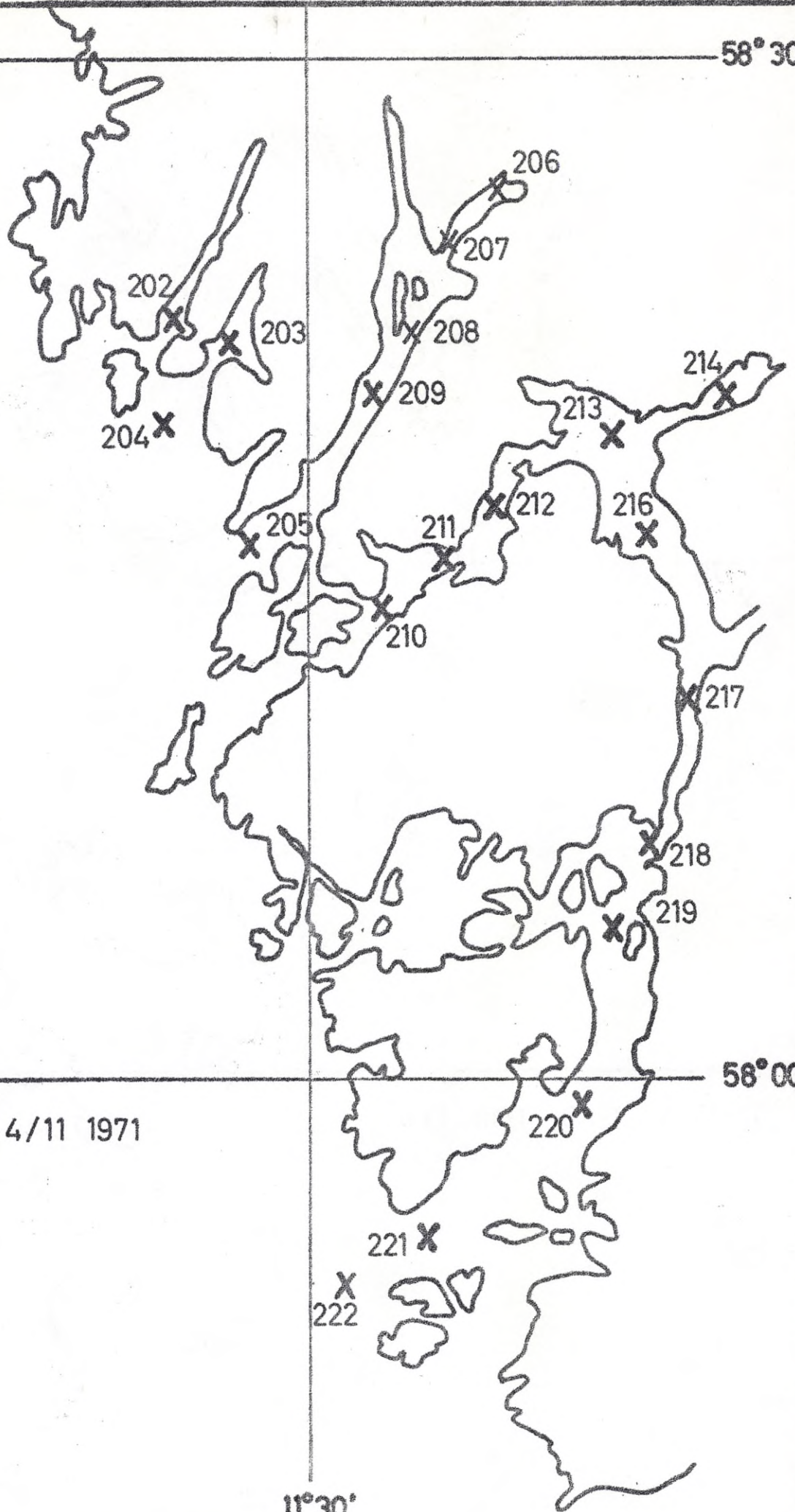
X 175

"THETIS" 29/9 - 1/10 1971

58° 00'

11° 30'

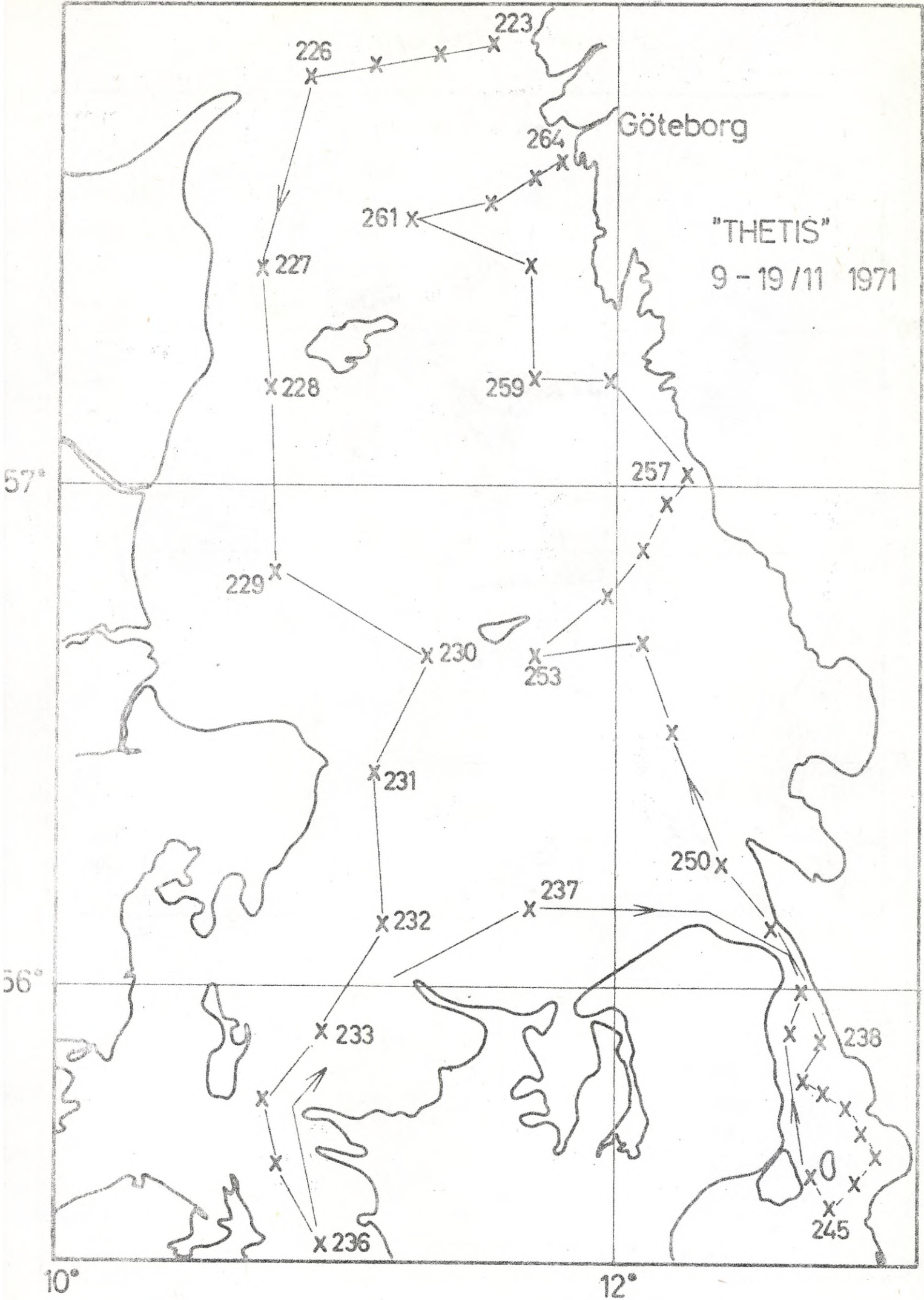
58° 30'



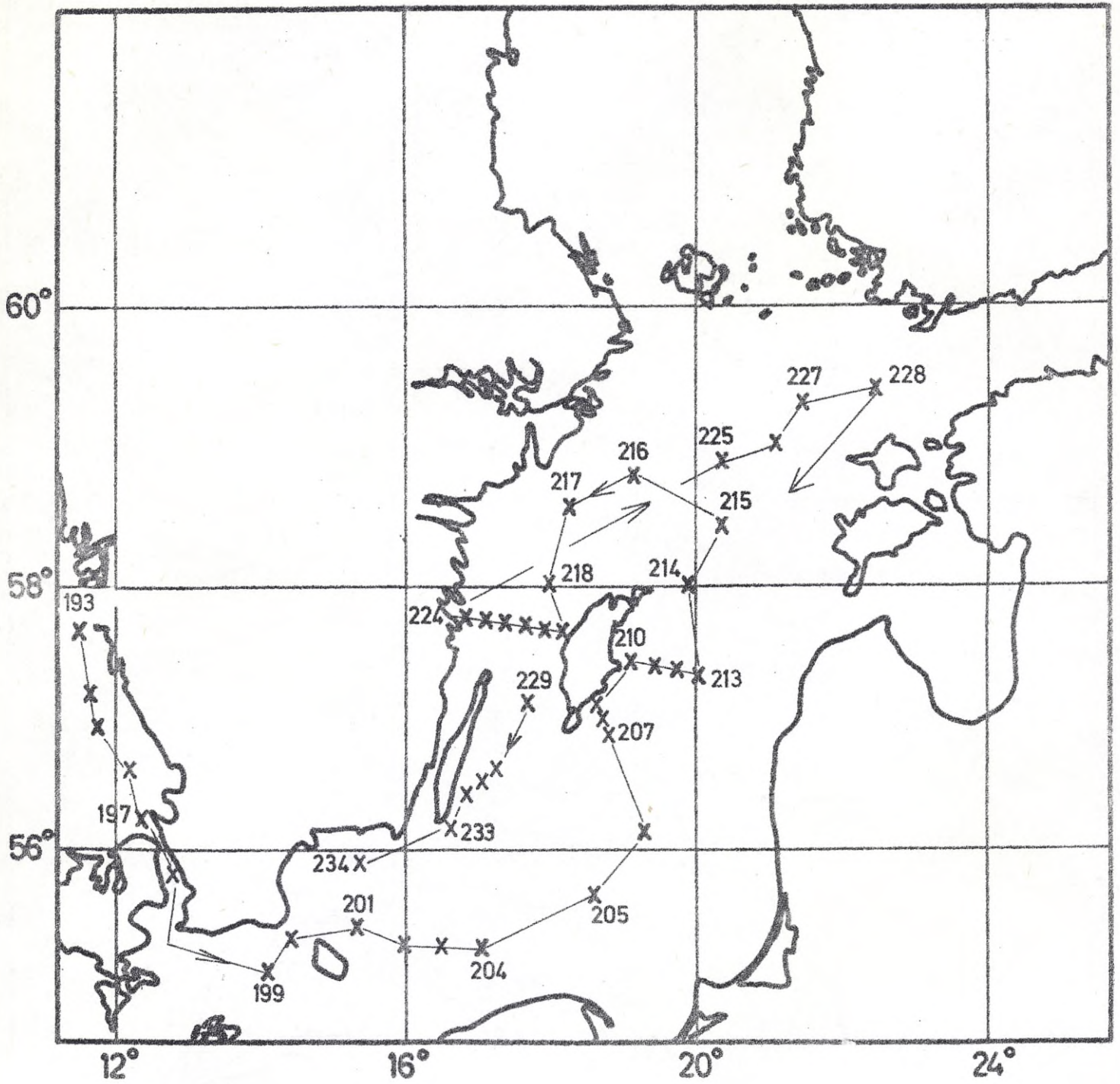
"THETIS" 2-4/11 1971

58° 00'

11° 30'



"SKAGERAK" 29/11 - 13/12 1971



11 "Skagerak"

1971

Station BY 7

77 Sweden

S 23

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.					N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																				
	5	6	7	8	9	10	11		12	13	14					15	16	17	18	19	20					21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0121	55	13	017	04	0	0	971	07	01	01	0093	01				32	08		130					28	2	0																			
Obs. time	Obs. depth	Temp.		Sal.	σ _t	Oxygen		pH		Sal. method	Extra info.																																		
26	27	28	29	30	31	32	33	34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78															
01	0000	1262	07463	0526																				3	0																				
	0005	1261	07459	0526																																									
	0010	1256	07460	0527																																									
	0015	1259	07468	0528																																									
	0020	1065	07504	0555																																									
	0030	0786	07551	0586																																									
	0040	0498	07578	0605																																									
	0050	0413	07605	0610																																									
	0060	0376	07750	0622																																									
	0070	0350	09105	0730	582																																								
	0080	0544	12425	0986	120																																								
	0090	0601	13148	1039	046																																								
BT Slide Sk 119/11601/71												Observer: Martinsson																																	

11 "Skagerak"

1971

Station BY 9

77 Sweden

Hydro Depth Observations (Code 03)

9 A Klaipeda

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0123	56	05	019	10	0	971	07	01	15	0130	01		36	14	140							2	8	20				
Obs. time	Obs. depth	Temp.		Sal.	σ_t		Oxygen		pH	Sal. method	Extra info.																	
26	27	28	29	30	31	32	33	34				35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63
15	0000	1289	07438	0522																							3	0
	0005	1292	07444	0521																								
	0010	1283	07460	0524																								
	0015	1173	07444	0537																								
	0020	0985	07473	0561																								
	0030	0488	07608	0608																								
	0040	0315	07618	0613																								
	0050	0295	07637	0614																								
	0060	0215	07706	0620																								
	0070	0382	09301	0745					202																			
	0080	0432	10011	0800					114																			
	0090	0509	10840	0863					096																			
	0100	0513	11284	0897					097																			
	0120	0554	11905	0944					031																			

BT Slide Sk 121/11601/71 Observer: Martinsson

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

W Steinort

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	°	'	''	°	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	58	59					60
0124	56	50	019	40	0		971	07	01	23	0135	01			09	08	135						2	82	0
Obs. time	Obs. depth	Temp.	Sal.	σ _t		Oxygen		pH		S ₀		S ₀ method	Extra info.												
				ml/l	%																				
23	0000	1354	07491	0515									3												
	0010	1354	07489	0515																					
	0020	0921	07443	0566																					
	0030	0462	07494	0600																					
	0040	0252	07539	0607																					
	0050	0221	07626	0614																					
	0060	0222	07928	0638																					
	0070	0410	09688	0775		152																			
	0080	0446	10371	0828		073																			
	0090	0473	10867	0867		091																			
	0100	0493	11290	0899		112																			
	0125	0527	12096	0961		044																			

BT Slide Sk 122/11601/71 Observer: Martinsson

11 "Skagerak"

1971

Gotland Deep
Station BY 15

77 Sweden

Hydro Depth Observations (Code 03)

F 81

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0125	57	20	020	03	0	971	07	02	06	0250	02		05	08										15	2	0		
Obs. time	Obs. depth	Temp.	Sal.	σ _t	Oxygen		pH																		Sal. method	Extra info.		
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62			63	64
06	0000	1401	07507	0510																							3	0
	0005	1393	07511	0511																								
	0010	1397	07509	0511																								
	0015	1335	07506	0520																								
	0020	0943	07438	0563																								
	0030	0555	07583	0602																								
	0040	0371	07607	0611																								
	0050	0309	07629	0614																								
	0060	0240	07669	0617																								
	0070	0296	08472	0680					487																			
	0080	0418	09968	0797					068																			
	0090	0455	10512	0839					071																			
	0100	0485	10977	0875					083																			
	0125	0637	11731	0925					094																			
	0150	0536	12220	0970					032																			
	0175	0546	12520	0993					009																			
	0200	0556	12667	1004					005																			
	0225	0559	12709	1007					011																			
	0240	0562	12775	1012																								

BT Slide Sk 123/11601/71 Observer: Rudolphi

11 "Skagerak"

1971

Fårö Deep

Station BY 20

77 Sweden

F 80

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice		
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb						
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64		
0126	58	00	019	54	0	971	07	05	11	0208	02		05	04	150			0	0	10		
Obs. time	Obs. depth	Temp.	Sal.	σ _t	Oxygen		pH		Sal. method		Extra info.											
26 27	28 29 30 31	32 33	34 35	36 37 38 39 40	41 42	43 44 45	58	59 60	61 62 63 64	77	78											
11	0000	1452	06901	0455																3	0	
	0005	1463	06896	0453																		
	0010	1377	06900	0467																		
	0015	1483	06889	0450																		
	0020	0821	06899	0532																		
	0030	0298	07381	0595																		
	0040	0229	07517	0606																		
	0050	0208	07656	0616																		
	0060	0285	08468	0680																		
	0070	0432	10054	0803				119														
	0080	0447	10519	0840				100														
	0090	0469	10963	0874				052														
	0100	0490	11206	0893				056														
	0125	0522	11729	0932				076														
	0150	0531	12092	0959				020														
	0175	0539	12203	0968				003														
	0200	0531	12256	0973				017														
BT Slide Sk 124/11601/71 Observer: Martinsson																						

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

NE Sandön

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64
0127	58	27	019	28	0	971	07	05	16	0080	01		36	02	190			0	01	0

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

16	0000	1684	06406	0378					
	0005	1488	06437	0414					3 0
	0010	0838	06483	0498					
	0015	0728	06685	0523					
	0020	0843	06996	0538					
	0030	0642	07062	0558					
	0040	0356	07180	0578					
	0050	0269	07389	0596					
	0060	0196	07566	0610	820				
	0070	0338	09024	0724	324				

BT Slide Sk 125/11601/71 Observer: Rudolphi

Landsort Deep

11 "Skagerak"

1971

Station BY 31

77 Sweden

Hydro Depth Observations (Code 03)

F 78

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0128	58	35	018	14	0	971	07	05	24	0460	04			23	02	170			0	01	0																								
Obs. time	Obs. depth	Temp.	Sal.	σ_t		Oxygen		pH		Sol. method	Extra info.																																		
26	27	28	29	30	31	32	33	34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78															
24	0000	1581	06843	0429																								3	0																
	0005	1310	06856	0474																																									
	0010	1118	06916	0504																																									
	0015	0729	07123	0556																																									
	0020	0631	07180	0568																																									
	0030	0518	07240	0578																																									
	0040	0382	07303	0587																																									
	0050	0251	07396	0596																																									
	0060	0218	07765	0625																																									
	0070	0407	09573	0766						146																																			
	0080	0456	10275	0821						021																																			
	0090	0469	10727	0856						017																																			
	0100	0480	10894	0868						024																																			
	0125	0488	11061	0881						015																																			
	0150	0483	11148	0889						042																																			
	0200	0494	11213	0892						024																																			
	0300	0487	11230	0895						024																																			
	0400	0486	11243	0895						024																																			
	0425	0488	11242	0895						024																																			
	0440	0486	11258	0897						026																																			
BT Slide Sk 126/11601/71 Observer: Martinsson																																													

11 "Skagerak"

1971

Station BY 38

77 Sweden

Hydro Depth Observations (Code 03)

S 41

Station No.	Lat.		Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	°	'	°	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51-52	53-54					55-56
0129	57	07	017	40	0	971	07	06	11	0112	01			20	04	170					1	31	0	
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH		Sol. method		Extra info.												
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63	64											77	78	
11	0000	1406	07199	0486																			3	0
	0010	1237	07212	0511																				
	0020	0983	07221	0542																				
	0030	0661	07280	0574																				
	0040	0495	07366	0589																				
	0050	0383	07455	0600	815																			
	0060	0277	07940	0638	805																			
	0070	0431	09863	0788	033																			
	0080	0460	10284	0820	007																			
	0090	0463	10389	0829	0																			
	0100	0467	10433	0832	0																			
	0110	0460	10455	0835	056																			
BT Slide Sk 127/11601/71 Observer: Rudolphi																								

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

När I

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0130	56	49	018	45	0	971	07	06	17	0070	01			23	06	196			1	11	0																								
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Sal. method	Extra info.																																				
26	27	28	29	30	31	32				33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
17	0000	1575	07313	0466																	3	0																							
	0005	1574	07313	0466																																									
	0010	1369	07313	0499																																									
	0015	1355	07313	0501																																									
	0020	1046	07330	0544																																									
	0030	0866	07385	0567																																									
	0040	0611	07468	0591																																									
	0050	0509	07511	0600						766																																			
	0060	0262	08143	0654						608																																			
BT Slide Sk 128/11601/71 Observer: Martinsson																																													

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Hoburg bank

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0131	56	43	018	35	0	971	07	06	19	0018	00			23	06	160			1	11	0																								
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Sal. method	Extra info.																																				
26	27	28	29	30	31	32				33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
19	0000	1598	07268	0459																	3	0																							
	0005	1398	07267	0492																																									
	0010	1380	07267	0494																																									
BT Slide Sk 129/13259/71 Observer: Rudolphi																																													

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

N Midsjöbanken

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0132	56	10	017	20	0	971	07	07	01	0018	00			36	14	160			0	02	0																								
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH			Sal. method	Extra info.																																	
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78																	
01	0000	1423	07367	0495																							3	0																	
	0005	1424	07367	0495																																									
	0010	1328	07409	0513																																									
	0015	1085	07359	0541																																									
BT Slide Sk 130/13259/71 Observer: Martinsson																																													

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

515

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0133	55	50	016	20	0	971	07	07	05	0055	00			36	10	150			14	2	0																								
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH			Sal. method	Extra info.																																	
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78																	
05	0030	0931	07431	0564																							3	0																	
	0040	0634	07594	0600																																									
	0050	0411	07827	0628					734																																				
BT Slide Sk 131/13259/71 Observer: Rudolphi																																													

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

U 10

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice			
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	58	59					60	61	62
0134	55	59	016	05	0	971	07	07	10	0063	01		36	06								13	1	0	
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	Sel. method	Extra info.															
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45				58	59 60	61 62 63 64	77	78										
10	0000	1551	07428	0479																				3	0
	0005	1463	07439	0494																					
	0010	1424	07464	0502																					
	0015	1360	07475	0514																					
	0020	1013	07538	0564																					
	0030	0527	07524	0600																					
	0040	0500	07568	0604																					
	0050	0304	07897	0636					761																
	0060	0388	10204	0817					390																
BT Slide Sk 132/13259/71											Observer: Martinsson N 55°59.4' E 16°05.3'														

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

514

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice					
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	58	59					60	61	62	63	64
0135	55	30	015	55	0	971	07	07	15	0075	01		20	06	170										12	2	0
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	Sel. method	Extra info.																	
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45				58	59 60	61 62 63 64	77	78												
15	0050	0348	07854	0642																						3	0
	0060	0375	09697	0777					450																		
	0070	0670	14565	1146					0																		
BT Slide Sk 133/11601/71											Observer: Martinsson																

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

521

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56
0136	55	22	015	55	0	971	07	07	18	0088	01		20	14	166					1	22	0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH		Sal. method		Extra info.												
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42	43 44 45	58 59 60	61 62 63 64																
18	0050	0312	07801	0628																		3	0
	0060	0381	10020	0802	452																		
	0070	0664	14330	1127	014																		
BT Slide Sk 134/11601/71 Observer: Martinsson																							

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

526

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56
0137	55	15	016	00	0	971	07	07	20	0090	01		23	10	160					0	02	0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH		Sal. method		Extra info.												
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42	43 44 45	58 59 60	61 62 63 64																
20	0050	0473	07847	0627																		3	0
	0060	0389	09365	0750	573																		
	0070	0656	14387	1132	008																		
BT Slide Sk 135/11601/71 Observer: Rudolphi																							

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

532

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56
0138	54	45	015	26	0	971	07	07	24	0071	01		23	08	150					0	0	2	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH		Sal. method		Extra info.												
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42	43 44 45	58 59 60	61 62 63 64																
24	0050	0478	07760	0620																		3	0
	0060	0379	08549	0635	674																		
	0070	0578	13876	1099	004																		
BT Slide Sk 136/11601/71 Observer: Martinsson																							

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 0 3)

NW Kolberg

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	58	59				
0139	54	30	015	17	0	971	07	08	02	0037	00		27	08	160					0	01	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH															
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42	43 44 45	58	59 60	61 62 63 64														
02	0000	1472	07541	0501																	3	0
	0005	1475	07551	0501																		
	0010	1362	07560	0520																		
	0015	1237	07591	0540																		
	0020	1048	07592	0563																		
	0030	0514	07670	0611			752															
BT Slide Sk 137/13259/71 Observer: Rudolphi																						

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 0 3)

Y 17

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	58	59				
0140	55	12	013	32	0	971	07	08	14	0042	00		27	08	180					00	1	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH															
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42	43 44 45	58	59 60	61 62 63 64														
14	0000	1688	07489	0460																	3	0
	0005	1656	07485	0465																		
	0010	1337	07635	0530																		
	0015	1267	07722	0546																		
	0020	0965	07538	0569			732															
	0030	0833	07870	0606			690															
	0040	0659	12657	0996			310															
BT Slide Sk 138/13259/71 N 55°12.4' E 13°31.8' Observer: Martinsson																						

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

SW Vinga

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0141	57	33	011	32	0	971	07	09	08	0084	01			29	14	200							00	2	0			
Obs. time	Obs. depth	Temp.		Sal.	σ_t		Oxygen		pH		Sol. method	Extra info.																
26	27	28	29	30	31	32	33	34	35	36			37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64
08	0000	1889	20039	1370																						3	0	
	0005	1882	20337	1394																								
	0010	1470	28874	2134																								
	0015	1368	29896	2234																								
	0020	1286	31247	2354																								
	0030	0984	33225	2562					630	975																		
	0040	0777	33962	2652					616	915																		
	0050	0675	34171	2682					602	874																		
	0060	0648	34312	2697					574	828																		
	0070	0668	34697	2725					510	741																		
	0080	0665	34662	2722					510	741																		
BT Slide Sk 139/11601/71 N 57°33' E 11°31.5' Observer: Martinsson																												

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

SW Vinga

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice							
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58	59
0142	57	33	011	32	0	971	08	16	16	0083	01	031	25	18	180														
Obs. time	Obs. depth	Temp.		Sal.	σ_t		Oxygen		pH		PO ₄ -P	Tot.P	Sol. method	Extra info.															
26	27	28	29	30	31	32	33	34	35	36	37	38			39	40	41	42	43	44	45	58	59	60	61	62	63	64	77
16	0000	1671	24421	1752					618		825	0.22	0.64																
	0005	1599	28236	2059					607		830	0.23	0.46																
	0010	1542	32442	2393					596		831	0.20	0.40																
	0015	1533	32794	2422					593			0.19	0.38																
	0020	1511	32871	2432					578		831	0.24	0.40																
	0030	1508	32956	2440					580	1002	833	0.25	0.32																
	0040	1352	33230	2493					555	930	830	0.44	0.43																
	0050	1202	33548	2547					538	876	830	0.58	0.52																
	0060	1071	33695	2585					528	837	827	0.80	0.71																
	0070	0833	33921	2640					492	740	823	0.96	0.94																
BT Slide Sk 140/11601/71 N 57°33' E 11°31.5' Observer: Carlberg																													

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Fladen

Station No.	Lat.		Long.		NSEW	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58 59
0143	57	12	011	39	0	971	08	16	19	0070	01	012	25	18	160						11	3	0	
Obs. time	Obs. depth	Temp.	Sal.	σ _t	Oxygen		pH	PO ₄ -P μgat/l	Tot.P μgat/l	Sol. method	Extra info.													
					ml/l	%																		
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42 43 44 45	58 59 60	61 62 63 64																		77 78
19	0000	1669	24812	1782	617		833	0.26	0.44													3	3	
	0005	1668	24777	1780	595		833	0.24	0.36															
	0010	1643	25593	1847	606		833	0.23	0.45															
	0015	1530	28665	2106	680		833	0.24	0.64															
	0020	1381	30971	2313	569		831	0.29	0.33															
	0030	1265	33077	2499	539	885	831	0.38	0.38															
	0040	1251	33320	2520	574	943	831	0.41	0.39															
	0050	0945	33828	2616	530	815	828	0.69	0.73															
	0060	0794	33929	2647	477	714	821	0.74	1.04															
	BT Slide Sk 141/11601/71											Observer: Carlberg N 57°12' E 11°38.5'												
	0000							0.48	0.02															
	0005																							
	0010							0.13																
	0015							0.17																
	0020							0.43	0.06															
	0030							0.76																
	0040							0.94	0.20															
	0050							4.23																
	0060							6.71	0.28															

11 "Skagerak"

1971

Station

77 Sweden

L:a Middelgrund

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																							
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	61	62					63	64																					
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	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	56	58	011	46	0	971	08	16	22	0100	01	026	27	20	150																						11	3	0						
Obs. time	Obs. depth	Temp.	Sai.	σ_t	Oxygen		pH	PO ₄ -P		Tot.P	Sal. method	Extra info.																																	
26	27	28	29	30	31	32		33	34				35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78													
22	0000	1697	20739	1466	616		837	0.15	0.45			3	3																																
	0005	1699	20806	1471	615		838	0.18	0.37																																				
	0010	1512	28544	2100	570		831	0.29	0.42																																				
	0015	1417	31999	2387	568		831	0.34	0.37																																				
	0020	1349	32543	2441	559		831	0.38	0.41																																				
	0030	1300	32888	2478	565		832	0.41	0.42																																				
	0040	1145	33202	2531	549		830	0.54	0.61																																				
	0050	0923	33445	2590	501		835	0.77	0.78																																				
	0060	0778	33647	2628	481		820	0.99	0.99																																				
	0070	0747	33729	2638	459		817	1.01	1.07																																				
	0080	0724	33790	2646	463		817	1.01	1.14																																				
	0090	0701	33824	2651	448		818	1.09	1.04																																				
BT Slide Sk 142/11601/71													N 56°57.5' E 11°45.5' Observer: Carlberg																																

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

S:a Middelgrund

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0145	56	34	012	14	0	971	08	17	01	0042	00			27	14	150			00	3	0																								
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Tot.P 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												
01	0000	1662	20805	1479	630			837	0.21	0.28	3	3																																	
	0005	1661	20809	1479	624			837	0.18	0.32																																			
	0010	1651	23570	1692	607			835	0.21	0.34																																			
	0015	1502	29666	2189	579			830	0.28	0.32																																			
	0020	1321	30861	2317	551			829	0.39	0.44																																			
	0030	0830	33188	2584	537			824	0.68	0.71																																			
	0035	0766	33443	2612	515			823	0.83	0.80																																			
BT Slide Sk 143/13259/71 N 56°34' E 12°13.7' Observer: Bladh																																													

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Kullen

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0146	56	14	012	22	0	971	08	17	04	0024	00			29	14	150			27	3	0																								
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Tot.P 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												
04	0000	1701	18037	1260	629			839	0.24	0.37	3	3																																	
	0005	1703	18029	1259	622			838	0.29	0.43																																			
	0010	1717	19729	1385	614			838	0.28	0.33																																			
	0015	1475	24255	1780	554			827	0.61	0.85																																			
	0020	0904	32534	2520	490			819	0.86	0.90																																			
BT Slide Sk 144/13259/71 N 56°14' E 12°22.2' Observer: Allersand																																													

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

W Landskrona

Station No.	Lat.		Long.					N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	°	'	°	'	''	18	Year		Mo.	Day	Dir.					Sp. kn.	Dry bulb	Wet bulb	51	52	53					54	55
0147	55	52	012	45	0	971	08	17	07	0051	01					29	14	180						1	5	2	0
Obs. time	Obs. depth	Temp.					Sal.	σ_t	Oxygen		pH	PO ₄ ^{-P} µgat/l	Tot.P µgat/l	Alkal. Mval/l	Sol. method	Extra info.											
		32	33	34	35	36			37	38							39	40	41	42	43	44	45	58	59	60	61
07	0000	1656	18826	1329	616					837	0.47	0.71	2.088	3	3												
	0005	1653	18844	1330	622					837	0.49	0.72	2.020														
	0010	1649	18978	1342	616					837	0.51	0.70	2.036														
	0015	1238	27976	2111	462					819	1.00	1.23	2.385														
	0020	1086	30241	2313	430					816	1.04	1.38	2.357														
	0030	0914	32071	2483	403					813	1.35	1.42	2.460														
	0040	0861	32540	2528	405					814	1.29	1.59	2.352														
	0051	0850	32810	2551	453					815	0.99	1.32	2.473														
BT Sk 145/13259/71 N 55°51.8' E 12°45.2' Observer: Carlberg																											
Secchi disc: 10 m																											
											NO ₃ ⁻ -N µgat/l	NO ₂ ⁻ -N µgat/l	NH ₄ ⁺ -N µgat/l	Tot.N µgat/l													
	0000										0.20	0	1.77	20.29													
	0005										0.13		0.52														
	0010										0.11		2.81														
	0015										1.89	0.12	2.31	22.53													
	0020										2.48		2.64														
	0030										2.75	0.17	3.61	21.46													
	0040										2.97		3.95														
	0051										2.55	0.17	3.46	24.70													

11 "Skagerak"

1971

Station BY 3

77 Sweden

Hydro Depth Observations (Code 03)

Hamrarne sund

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb						
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64		
0149	55	18	014	24	0	971	08	17	21	0050	00		27	12	155				11	2	0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P		Sol. method	Extra info.											
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58			59 60	61 62 63 64	77	78							
21	0000	1609	07607	0483	688		832	0.26			3	3										
	0005	1605	07603	0483	692		833	0.28														
	0010	1609	07597	0482	687		834	0.24														
	0015	1578	07579	0486	682		831	0.30														
	0020	0979	07829	0590	643		802	0.38														
	0030	0913	08731	0666	592		793	0.50														
	0040	1001	10214	0772	515		787	0.57														
	0050		11464		441			0.71														
BT Slide Sk 147/13259/71												Observer: Carlberg										

11 "Skagerak"

1971

Station BY 4

77 Sweden

Hydro Depth Observations (Code 03)

Christiansö

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb						
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64		
0150	55	23	015	20	0	971	08	18	01	0090	01	020	27	02	146				0	01	0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	H ₂ S	Sol. method	Extra info.											
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58			59 60	61 62 63 64	77	78							
01	0000	1584	07495	0479	700		834	0.29			3	3										
	0005	1585	07493	0478	692		836	0.28														
	0010	1582	07494	0479	693		835	0.33														
	0015	1572	07494	0481	680		835	0.29														
	0020	1561	07493	0482	693		835	0.29														
	0030	1195	07501	0540	671		825	0.32														
	0040	0519	07571	0603	790		801	0.37														
	0050	0473	07786	0622	730		800	0.47														
	0060	0476	08725	0696	617		783	0.56														
	0070	0630	12634	0996	121		745	1.65														
	0080	0682	15656	1222	0		752	3.42	8.9													
	0090	0670	15854	1245			753	6.97	15.6													
BT Slide Sk 148/11601/71												Observer: Bladh										

11 "Skagerak"

1971

Bornholm Deep

77 Sweden

Hydro Depth Observations (Code 03)

Station BY 5

S 24

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0151	55	15	015	59	0	971	08	18	04	0090	01	012	00	00	160			1	2	10																									
Obs. time	Obs. depth	Temp.	Sal.	σ_t	8 Oxygen		pH	PO ₄ -P	Tot.P	Alkal.	Sol. method	Extra info.																																	
26	27	28	29	30	31	32		33	34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
06	0000	1571	07437	0477	713			831	0.28	0.35	1.893	33																																	
	0005	1569	07439	0477	702			833	0.32	0.33	1.580																																		
	0010	1565	07438	0478	708			832	0.32	0.40	1.686																																		
	0015	1525	07451	0485	696			833	0.31	0.37	1.686																																		
	0020	1521	07451	0486	689			833	0.25	0.35	1.570																																		
	0030	0564	07555	0601	758			809	0.46	0.53	1.704																																		
	0040	0487	07645	0612	772			803	0.64	0.38	1.678																																		
	0050	0397	08083	0648	688			788	0.92	0.61	1.614																																		
	0060		10566		417				0.75	0.88	1.808																																		
	0070	0668	14630	1150	027			744	1.87	2.90	1.948																																		
	0080	0671	15752	1237				749	4.66	3.64	1.994																																		
04	0090	0660	15789	1241				753	7.18	8.82	2.033																																		
						NO ₃ ⁻ -N	NO ₂ ⁻ -N	NH ₄ ⁺ -N	Tot.N	H ₂ S	SiO ₂																																		
						µgat/l	µgat/l	µgat/l	µgat/l	µgat/l	µgat/l																																		
06	0000					0.34	0.01	1.08	19.69		12.0																																		
	0005					0.30		0.70			10.5																																		
	0010					0		0.79			10.5																																		
	0015					0		0.62			10.5																																		
	0020					0	0.01	0.67	18.89		10.0																																		
	0030					0	0.01	0.61	15.33		15.5																																		
	0040					0.06		0.68			15.0																																		
	0050					0.83	0.29	0.74			18.5																																		
	0060					3.17		1.48	18.27		24.5																																		
	0070					1.37	0.14	2.21		0	65.0																																		
	0080					0		3.55		6.35	82.0																																		
04	0090					0.06	0.03	6.46	26.50	9.7	89.5																																		

BT Slide Sk 149/11601/71 Observer: Carlberg Secchi disc: 8 m

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Stolpe Sill

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb					
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64	
0152	55	17	016	30	0	971	08	18	09	0064	01			27	06	160			15	2	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P μgat/l	Tot.P μgat/l	Sal. method	Extra info.										
					ml/l	%															
25 27	28 29 30 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	1646	07467	0466	696				833	0.21	0.38									3	3
	0005	1646	07468	0466	695				836	0.22	0.38										
	0010	1639	07470	0467	692				835	0.24	0.38										
	0015	1603	07478	0474	673				833	0.19	0.34										
	0020	1598	07483	0475	678				833	0.22	0.38										
	0030	0671	07571	0595	738				809	0.30	0.47										
	0040	0465	07649	0612	770				802	0.44	0.61										
	0050	0427	07922	0634	719				793	0.44	0.63										
	0064	0485	09904	0790	489				764	0.57	1.28										
BT Slide Sk 150/13259/71												Observer: Carlberg									

11 "Skagerak"

1971

Station BY 7

77 Sweden

Hydro Depth Observations (Code 03)

Stolpe furrow

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice							
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58 59	60	61	62	63	64
0153	55	13	017	04	0	971	08	18	12	0093	01		23	06	160			1	11	0									
Obs. time	Obs. depth		Temp.		Sal.	σ_t		Oxygen		pH	PO ₄ -P	Tot.P	Alkal.	Sol. method	Extra info.														
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60		61 62 63	64	77			78													
12	0000	1609	07395	0467	707					829	0.26	0.46			3 3														
	0005	1608	07397	0467	711					831	0.26	0.43	1.580																
	0010	1568	07402	0474	692					831	0.25	0.39	1.606																
	0015	1557	07397	0476	691					830	0.23	0.38	1.924																
	0020	1525	07401	0481	677					830	0.24	0.38																	
	0030	1079	07483	0552	628					814	0.33	0.44																	
	0040	0492	07607	0608	763					804	0.41	0.55																	
	0050	0319	07679	0618	781					797	0.44	0.48																	
	0060	0308	08451	0679	543					770	0.75	0.85																	
	0070	0422	10056	0804	161					736	1.55	1.78																	
	0080	0536	12249	0972	073					737	1.75	2.06																	
	0093	0581	12956	1025	025					738	2.04	2.09																	
				NO ₃ ⁻ -N	NO ₂ ⁻ -N	NH ₄ ⁺ -N	Tot.N	SiO ₂	H ₂ S																				
				$\mu\text{gat/l}$	$\mu\text{gat/l}$	$\mu\text{gat/l}$	$\mu\text{gat/l}$	$\mu\text{gat/l}$	$\mu\text{gat/l}$																				
	0000			0.27	0.09	0.58	16.22	12.0																					
	0005			0.10	0	0.46		11.5																					
	0010			0.11	0	0.40		11.0																					
	0015			0.14	0	0.33		11.0																					
	0020			0.09	0	0.34	15.09	11.0																					
	0030			0.09	0	0.43	16.04	10.5																					
	0040			0.42	0.28	0.96		14.0																					
	0050			0.51	0.31	0.77		16.0																					
	0060			1.21	0.23	0.59	15.25	26.0																					
	0070			3.34	0.07	0.32		47.5																					
	0080			6.28	0.20	0.58		62.5																					
	0093			2.68	2.03	2.64	20.71	71.5	0																				

BT Slide Sk 151/11601/71, Sk 152/13259/71 Secchi disc: 8 m

Observer: Lagergren

11 "Skagerak"

1971

Station BY 8

77 Sweden

Hydro Depth Observations (Code 03)

Rysshålan

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58 59 60
	5 6 7 8	9 10	11 12	13 14 15		16 17	18	19 20 21					22 23	24 25	26 27	28 29 30 31	46 47	48 49 50					51 52	53 54
0154	55	38	018	36	0	971	08	18	18	0095	01		00	00	170				1	1	1	0		
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Alkal.	Sol. method	Extra info.												
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58	59 60			61 62 63 64	77	78									
18	0000	1664	07396	0457	529		831	0.24	0.40	1.616		33												
	0005	1573	07396	0455	571		832	0.21	0.32	1.898														
	0010		07394		553			0.25	0.37	1.645														
	0015	1654	07394	0458	571		831	0.25	0.35	1.603														
	0020	1590	07393	0470	595		831	0.28	0.40	1.642														
	0030	1513	07406	0484	589		828	0.24	0.34	1.702														
	0040	0852	07522	0578	693		803	0.35	0.52	1.911														
	0050	0405	07607	0611	787		798	0.34	0.32	1.898														
	0060	0323	07690	0618	764		792	0.46	0.42	1.823														
	0070	0325	08532	0685	504		764	0.77	0.80	1.849														
	0080	0421	09861	0788	103		739	1.56	1.75	1.968														
	0090	0463	10691	0853	056		736	2.00	2.21	2.005														
	0095	0485	10876	0867	048		736	2.51	2.78	2.414														
				NO ₃ ⁻ -N	NO ₂ ⁻ -N	NH ₄ ⁺ -N	Tot.N			SiO ₂														
				µgat/l	µgat/l	µgat/l	µgat/l			µgat/l														
	0000			0.48	0.02	0	16.93			11.5														
	0005			0.32		0.25				11.0														
	0010			0.24		0.32				11.0														
	0015			0.11		0.21				10.5														
	0020			0.08		0.20				11.5														
	0030			0.08	0.01	0.23	27.07			11.5														
	0040			0.08	0.01	0.47	29.07			11.0														
	0050			0.16		0.60				13.5														
	0060			0.60		1.08				17.0														
	0070			1.74	0.16	0.54	25.08			28.0														
	0080			2.55		0.24				47.0														
	0090			4.06		0.52				57.0														
	0095			5.75	0.08	0.41	30.12			61.5														

BT Slide Sk 153/13259/71 Observer: Carlberg

11 "Skagerak"

1971

Station BY 9

77 Sweden

Klaipeda

S 22

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																					
	5	6	7	8	9	10		11	12	13					14	15	16	17	18	19					20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0155	56	05	019	10	0	971	08	18	24	0124	01	00	00	150	0	0	0	0	0	0	0	0	0																						
Obs. time	Obs. depth	Temp.	Sol.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	Alkal. Mval/l	Sol. method	Extra info.																																	
26	27	28	29	30	31	32							33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64													
24	0000	1613	07354	0462	703		838	0.22	0.53	1.927		33																																	
	0005	1618	07354	0462	698		841	0.19	0.47	1.808																																			
	0010	1608	07357	0464	695		841	0.17	0.38																																				
	0015	1594	07364	0467	687		840	0.20	0.35																																				
	0020	1583	07392	0470	723		840	0.23	0.34	1.533																																			
	0030	0577	07562	0600	748		810	0.29	0.36	1.494																																			
	0040	0301	07609	0612	822		802	0.33	0.36	1.554																																			
	0050	0214	07648	0615	819		795	0.32	0.29	1.541																																			
	0060	0243	07790	0627	738		784	0.34	0.42	1.554																																			
	0070	0317	08684	0697	458		761	0.72	0.73	1.614																																			
	0080	0546	10175	0808	097		739	1.51	1.59	1.694																																			
	0090	0496	10904	0869	064		739	1.90	2.06	1.702																																			
	0100	0502	11240	0895	040		738	1.96	2.15	1.704																																			
	0124	0550	11953	0948	051		739	7.58	6.77	1.766																																			
	0000																																												
	0005																																												
	0010																																												
	0015																																												
	0020																																												
	0030																																												
	0040																																												
	0050																																												
	0060																																												
	0070																																												
	0080																																												
	0090																																												
	0100																																												
	0124																																												

11 "Skagerak"

1971

Gotland Deep

77 Sweden

Hydro Depth Observations (Code 03)

Station BY 15

F 81

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb					
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64	
0156	57	20	020	03	0	971	08	19	09	0245	02			27	10	160			1	6	20
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P μgat/l	Tot.P μgat/l	Alkal. Mval/l	Sal. method	Extra info.									
					ml/l	%															
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63	64	77	78								
09	0000	1616	07274	0456	722		845	0.22	0.47	1.515		3	3								
	0005	1620	07269	0455	732		845	0.22	0.42	1.520											
	0010	1609	07371	0465	710		848	0.24	0.42	1.520											
	0015	1556	07360	0473	703		844	0.24	0.46	1.533											
	0020	1058	07427	0550	630		818	0.25	0.40	1.549											
	0030	0437	07565	0606	711		796	0.33	0.39	1.554											
	0040	0339	07609	0612	798		797	0.39	0.46	1.531											
	0050	0294	07636	0614	795		794	0.43	0.42	1.531											
	0060	0253	07814	0629	697		780	0.60	0.64	1.546											
	0070	0382	09409	0754	213		743	1.56	1.47	1.619											
	0080	0448	10320	0824	078		736	2.19	2.21	1.658											
	0090	0463	10729	0856	074		736	2.25	2.16	1.673											
	0100	0491	11142	0887	078		740	2.10	2.06	1.673											
	0125	0533	11807	0937	074		738	2.26	2.28	1.694											
	0150	0543	12308	0976	022		736	2.61	2.50	1.720											
	0175	0553	12576	0997	014		739	3.40	3.30	1.753											
	0200	0560	12682	1005	016		737	2.92	2.72	1.751											
	0225	0562	12766	1011			748	4.17	4.27	1.823											
	0245	0560	12762	1011			753	5.17	5.40	1.839											
BT Slide Sk		155/13268/71				Observer: Bladh		Secchi disc: 9 m													

11 "Skagerak"

1971

Gotland Deep
Station BY 15

77 Sweden

Hydro Depth Observations (Code 03)

F 81

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	''	°	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10 11 12	13 14 15 16 17	18	19 20 21 22 23 24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64						
0156	57	20	020	03	0	971	08	19	09	0245	02			27	10	160			1	62	0	
Obs. time	Obs. depth		Temp.		Sal.	NO ₃ ⁻ -N µgat/l	NO ₂ ⁻ -N µgat/l	NH ₄ ⁺ -N µgat/l	Tot.N µgat/l	SiO ₂ µgat/l	H ₂ S µgat/l	Sal. method	Extra info.									
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40							77	78									
09	0000					0.22	0.03	0	16.15	10.0												
	0005					0.14	0.05	0.24		8.5												
	0010					0.11	0.04	0.11		8.0												
	0015					0.05	0.02	0.17		8.0												
	0020					0.05	0	0.23		8.5												
	0030					0.07	0.01	0.22	17.12	11.5												
	0040					0.11	0.07	0.22		12.5												
	0050					0.34	0.26	0.25		14.0												
	0060					1.25	0.31	0.45		20.0												
	0070					1.99	0	0.16	19.16	41.0												
	0080					4.11	0	0.08	20.06	53.5												
	0090					4.80	0	0.10		55.0												
	0100					5.66	0	0.15		54.5												
	0125					7.39	0	1.03		58.0												
	0150					7.32	0	0.61	24.96	66.0												
	0175					6.49	0.06	1.28		71.5												
	0200					2.43	0.26	0.64		69.5												
	0225					0.26	0	2.26		78.0	2.3											
	0245					0.33	0	4.81	20.96	86.0	15.4											

11 "Skagerak"

1971

Station BY 14

77 Sweden

Hydro Depth Observations (Code 03)

5/9

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice	
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb					
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64	
0157	57	22	019	47	0	971	08	19	13	0158	02			23	12	175			00	2	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t		Oxygen		pH	PO ₄ -P H ₂ S		Sal. method	Extra info.									
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45		58	59 60			61 62 63 64	77	78						
13	0000	1667	07213	0442	713			843	0.22			3	3								
	0005	1669	07213	0442	747			845	0.25												
	0010	1616	07221	0452	722			845	0.22												
	0015	1557	07216	0462	691			841	0.24												
	0020	1470	07254	0479	681			837	0.24												
	0030	0342	07492	0602	830			814	0.37												
	0040	0311	07610	0612	828			802	0.38												
	0050	0263	07649	0615	809			797	0.45												
	0060	0264	08242	0662	582			771	0.88												
	0070	0380	09447	0758	194			743	1.49												
	0080	0460	10384	0828	064			735	2.17												
	0090	0477	10877	0868	066			735	2.14												
	0100	0487	11073	0882	082			736	2.16												
	0125	0530	11813	0938	070			736	2.21												
	0150	0535	12373	0982	018			736	3.32												
	0158		12360					3.74	2.8												
BT Slide Sk 156/13268/71 N 57°21.5' E 19°46.5' Observer: Carlberg, Bladh																					

11 "Skagerak"

1971

Station BY 13

77 Sweden

Hydro Depth Observations (Code 03)

6/9

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice				
	°	'	''	°	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56
0158	57	24	019	26	0	971	08	19	15	0125	01			23	12	160							0	03	0			
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l		Sal. method	Extra info.																	
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58			59 60	61 62 63 64	77	78													
15	0000	1700	06909	0413	726				842	0.24																	3	3
	0005	1697	06913	0414	716				843	0.22																		
	0010	1669	06957	0423	720				844	0.21																		
	0015	1567	07202	0459	697				841	0.26																		
	0020	1254	07365	0521	665				828	0.25																		
	0030	0385	07599	0610	779				800	0.33																		
	0040	0291	07626	0614	827				800	0.38																		
	0050	0255	07663	0616	787				791	0.42																		
	0060	0269	08076	0650	607				769	0.62																		
	0070	0459	09695	0774	151				739	1.65																		
	0080	0447	10333	0825	066				735	2.04																		
	0090	0575	10772	0854	060				734	2.10																		
	0100	0487	11115	0886	064				736	2.03																		
	0125	0518	11591	0921	059				734	2.20																		
BT Slide Sk		157/13268/71			N 57°23.5' E			19°26'			Observer: Allersand																	

11 "Skagerak"

1971

Station BY 12

77 Sweden

Hydro Depth Observations (Code 03)

7/9

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice					
	°	'	''	°	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57
0159	57	26	019	08	0	971	08	19	17	0041	00			23	16	160								00	3	0			
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l		Sal. method	Extra info.																		
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58			59 60	61 62 63 64	77	78														
17	0000	1693	06787	0405	699				841	0.21																		3	3
	0005	1697	06783	0405	701				840	0.20																			
	0010	1698	06784	0405	701				841	0.24																			
	0015	1543	06947	0445	660				830	0.28																			
	0020	1336	06943	0476	664				823	0.30																			
	0030	0765	07293	0568	737				814	0.31																			
	0041	0330	07575	0611	799				797	0.42																			
BT Slide Sk		158/13259/71			N 57°25.5' E			19°07.5'			Observer: Lagergren																		

11 "Skagerak"

1971

Fårö Deep

Station BY 20

77 Sweden

Hydro Depth Observations (Code 03)

F 80

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	61	62				
0160	58	00	019	54	0	971	08	19	22	0200	02		23	12	165					00	3	0
Obs. time	Obs. depth	Temp.	Sal.	NO ₃ ⁻ -N µgat/l	NO ₂ ⁻ -N µgat/l	NH ₄ ⁺ -N µgat/l	Tot.N µgat/l	SiO ₂ µgat/l	H ₂ S µgat/l	Sal. method	Extra info.											
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40						77 78											
22	0000			0.09	0	0.82	21.28	17.5														
	0005			0.22		0.68		14.0														
	0010			0		0.53		12.0														
	0015			0	0	0.69		12.5														
	0020			0	0	0.60	17.89	10.5														
	0030			0	0	0.48		11.5														
	0040			0.05		0.47		10.5														
	0050			0.58		0.71	13.45	15.5														
	0060			2.37		0.38		34.5														
	0070			2.92	0	0.30	16.82	48.0														
	0080			3.90		0.44		54.5														
	0090			4.25		0.34		58.0														
	0100			5.08	0	0.34	20.86	57.5														
	0125			5.68		0.37		60.5														
	0150			0.78	0.20	2.26		69.0														
	0175			0.11		4.12		73.5	7.8													
	0190			0.25	0	5.99	21.53	79.0	16.6													

Fårö Deep
 Station BY 20
 F 80

11 "Skagerak"
 77 Sweden

1971

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0160	58	00	019	54	0	971	08	19	22	0200	02			23	12	165							0	03	0			
Obs. time	Obs. depth	Temp.	Sal.	σ_t		Oxygen		pH	PO ₄ -P	Tot.P	Alkal.	Sal. method	Extra info.															
26	27	28	29	30	31	32	33		34	35	36			37	38	39	40	41	42	43	44	45	58	59	60	61	62	63
22	0000	1666	06597	0396		713			838	0.17	0.44	1.406	3	3														
	0005	1664	06596	0396		705			838	0.21	0.33	1.406																
	0010	1634	06726	0412		700			839	0.19	0.37	1.435																
	0015	1598	06724	0418		671			834	0.21	0.33	1.435																
	0020	1276	07063	0494		664			822	0.22	0.36	1.494																
	0030	0358	07092	0570		833			811	0.34	0.39	1.533																
	0040	0325	07226	0582		838			808	0.36	0.37	1.536																
	0050	0243	07693	0619		783			794	0.49	0.50	1.551																
	0060	0312	08660	0696		436			758	1.25	1.28	1.588																
	0070	0401	09708	0778		155			740	1.88	2.03	1.634																
	0080	0435	10212	0816		077			734	2.15	2.23	1.668																
	0090	0469	10717	0855		036			735	2.35	2.47	1.707																
	0100	0482	10992	0876		052			742	2.21	2.32	1.686																
	0125	0525	11758	0934		047			738	2.32	2.39	1.702																
	0150	0532	12141	0964		022			738	3.10	3.23	1.748																
	0175	0535	12203	0968					740	3.55	4.16	1.764																
	0190	0581	12243	0969					741	3.94	4.94	1.795																
BT Slide Sk 159/13268/71														Observer: Bladh														

11 "Skagerak"

1971

Landsort Deep

Station BY 31

77 Sweden

Hydro Depth Observations (Code 03)

F 78

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice				
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56
0161	58	35	018	14	0	971	18	08	06	0459	04		18	14	180								11	2	0	
Obs. time	Obs. depth		Temp.		Sol.	NO ₃ -N µgat/l	NO ₂ -N µgat/l	NH ₄ -N µgat/l	Tot.N µgat/l	SiO ₂ µgat/l	Sol. method		Extra info.													
26 27	28 29	30 31	32 33	34 35	36 37	38 39	40																			
06	0000					0.11	0	0.46	19.40	16.5																
	0005					0.09	0	0.23		15.5																
	0010					0.13	0	0.15		16.0																
	0015					0.09	0	0.22	7.41	15.0																
	0020					0.08	0	0.09		15.0																
	0030					0.09	0	0.24		15.0																
	0040					0.26	0.14	0.14	13.89	13.0																
	0050					1.20	0.25	0.45		20.0																
	0060					2.95	0.03	0.16		41.5																
	0070					3.48	0.02	0		52.0																
	0080					3.12	0.03	0	17.17	59.0																
	0090					2.89	0.04	0		62.0																
	0100					3.58	0.04	0		62.0																
	0125					4.05	0.06	0		61.5																
	0150					3.93	0.06	0	19.26	62.0																
	0200					5.26	0.07	0		62.0																
	0300					5.72	0.06	0.09	22.84	60.5																
	0400					5.91	0.07	0.07		61.0																
	0425					6.32	0.06	0.07		60.5																
	0440					6.41	0.07	0.40	25.84	66.5																

11 "Skagerak"

1971

Landsort Deep

Station BY 31

77 Sweden

Hydro Depth Observations (Code 03)

F 78

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb					
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64	
0161	58	35	018	14	0	971	08	20	06	0459	04			18	08	180		1	1	2	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	Alkal. Mval/l	Sal. method	Extra info.									
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42							43 44 45	58	59 60	61 62 63 64					
06	0000	15.18	06404	0407	731			824	0.25	0.48	1.368	3	3								
	0005	15.17	06403	0407	726			825	0.24	0.38	1.373										
	0010	15.14	06419	0409	720			824	0.27	0.42	1.373										
	0015	0948	06787	0513	722			808	0.25	0.33	1.448										
	0020	0707	07104	0556	764			811	0.36	0.36	1.489										
	0030	0418	07241	0581	835			809	0.46	0.47	1.528										
	0040	0275	07443	0600	845			805	0.49	0.47	1.531										
	0050	0246	07736	0622	755			788	0.75	0.77	1.546										
	0060	0336	09048	0726	333			751	1.72	1.70	1.614										
	0070	0413	09847	0788	135			738	2.30	2.28	1.650										
	0080	0387	10183	0815	054			734	2.66	2.63	1.655										
	0090	0463	10553	0842	021			732	2.89	2.86											
	0100	0473	10799	0861	030			732	2.85	2.72	1.673										
	0125	0477	10983	0875	022			736	2.89	2.80	1.694										
	0150	0481	11109	0885	019			734	2.85	2.76	1.691										
	0200	0489	11196	0892	018			734	2.91	2.84	1.696										
	0300	0487	11233	0894	025			733	2.74	2.68	1.686										
	0400	0492	11257	0896	024			733	2.75	2.70	1.673										
	0425	0489	11268	0897	018			733	2.73	2.68	1.691										
	0440	0484	11327	0903	019			733	2.72	2.68	1.678										

BT Slide Sk 160/13268/71 Secchi disc: 6.5 m Observer: Bladh

11 "Skagerak"

1971

Norrköping Deep

Station BY 32

77 Sweden

Hydro Depth Observations (Code 03)

F 90

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0162	58	00	018	00	0	971	08	23	12	0208	02		05	16	140								15	3	0			
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Alkal.	Sol. method	Extra info.															
26	27	28	29	30	31	32	33		34	35	36			37	38	39	40	41	42	43	44	45	58	59	60	61	62	63
13	0000	1590	06707	0418	709			836	0.19	0.37	1.422		3	3														
	0005	1587	06708	0419	711			838	0.16	0.42	1.417																	
	0010	1584	06708	0419	709			839	0.19	0.50	1.417																	
	0015	1581	06709	0419	696			839	0.24	0.38	1.417																	
	0020	1581	06722	0420	695			839	0.23	0.36	1.417																	
	0030	0693	07163	0562	763			816	0.36	0.34	1.484																	
	0040	0396	07287	0586	831			812	0.50	0.45	1.500																	
	0050	0296	07478	0603	822			805	0.55	0.68	1.520																	
	0060	0279	07845	0632	696			788	0.89	1.01	1.538																	
	0070	0366	09252	0741	239			749	2.04	2.02	1.619																	
	0080	0438	10017	0801	052			737	2.56	2.62	1.658																	
	0090	0456	10305	0823				736	3.24	3.34	1.717																	
12	0100	0463	10365	0828				738	3.39	3.56	1.686																	
	0125	0480	10679	0851				736	3.08	3.26	1.683																	
	0150	0478	10771	0859				735	2.89	3.00	1.683																	
	0175	0481	10822	0862				737	3.02	3.08	1.694																	
	0200	0478	10887	0869				736	3.30	3.24	1.702																	
BT Slide Sk 161/13268/71 Observer: Lagergren																												
						NO ₃ ⁻ -N	NO ₂ ⁻ -N	NH ₄ ⁺ -N	Tot.N	SiO ₂	H ₂ S																	
						µgat/l	µgat/l	µgat/l	µgat/l	µgat/l	µgat/l																	
13	0000					0.17	0.04	1.61	21.38	13.0																		
	0005					0.12		2.27		13.0																		
	0010					0.05		1.54		14.5																		
	0015					0.04		0.53		14.0																		
	0020					0.03	0.01	0.62		14.5																		
	0030					0.03	0.01	0.60	13.02	16.0																		
	0040					0.07		0.48		17.0																		
	0050					0.42	0.18	0.28		16.5																		
	0060					1.22		0.23	17.05	24.5																		
	0070					2.84	0.02	0.10		49.5																		
	0080					2.59		0.13		61.5																		
	0090					0.20		0.77		67.5	0.1																	
12	0100					0.12	0.01	1.51	17.56	69.0	3.4																	
	0125					0.07		1.03		68.0	2.5																	
	0150					0		0.82	15.45	64.5	1.1																	
	0175					0		0.82		64.0	0.3																	
	0200					0	0.01	1.28	18.24	67.5	1.5																	

11 "Skagerak"
77 Sweden

1971

Station BY 30
L 21

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
	5	6	7	8		9	10	11					12	13	14	15					16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0163	58	47	019	06	0	971	08	23	19	0150	01			05	12	140				1	13	0																							
Obs. time	Obs. depth		Temp.	Sal.		σ_t		Oxygen		pH	PO ₄ -P μgat/l	Sol. method	Extra info.																																
								ml/l	%																																				
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78																	
20	0000	1582	06264	0385	714						828	0.25																										3	3						
	0005	1587	06266	0384	703						834	0.18																																	
	0010	1582	06264	0385	720						836	0.20																																	
	0015	1579	06265	0386	708						836	0.18																																	
	0020	0888	06959	0532	726						814	0.22																																	
	0030	0588	07182	0570	781						811	0.38																																	
	0040	0401	07301	0587	818						808	0.46																																	
	0050	0327	07448	0600	798						801	0.59																																	
	0060	0338	08911	0715	408						756	1.73																																	
	0070	0367	09381	0751	235						746	2.05																																	
19	0080	0422	09958	0796	100						740	2.53																																	
	0090	0445	10416	0832	041						736	2.57																																	
	0100	0469	10759	0858	038						736	2.70																																	
	0125	0480	11007	0877	018						735	2.49																																	
	0140	0476	11068	0882	018						735	2.78																																	
BT Slide Sk 162/13268/71																				Observer: Bladh																									

11 "Skagerak"

1971

Station BY 27

77 Sweden

Hydro Depth Observations (Code 03)

F 72 Finska vikens mynning

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																							
	o	'	''	o	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																											
	5	6	7	8	9	10		11	12	13					14	15	16	17					18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0164	59	18	021	34	0		971	08	24	04	0182	02			09	10	160				12	0																							
Obs. time	Obs. depth	Temp.	Sal.	σ _t	Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	Alkal. Mval/l	Sol. method	Extra info.																																	
					ml/l	%																																							
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78																	
05	0000	15.10	06568	0421	716			828	0.17	0.42	1.445	3	3																																
	0005	15.08	06568	0421	713			831	0.19	0.41	1.445																																		
	0010	15.06	06568	0421	706			833	0.24	0.41	1.437																																		
	0015	15.10	06571	0421	699			834	0.22	0.40	1.445																																		
	0020	12.57	07167	0506	643			818	0.30	0.29	1.533																																		
	0030	07.68	07330	0571	714			808	0.40	0.32	1.567																																		
	0040	04.49	07443	0597	781			807	0.46	0.37	1.520																																		
	0050	03.40	07548	0608	791			802	0.39	0.45	1.538																																		
	0060	03.02	07363	0593	750			811	0.48	0.42	1.528																																		
06	0070	02.80	07663	0616	763			798	0.65	0.69	1.533																																		
	0080	03.55	09380	0752	768			749	2.23	2.12	1.624																																		
04	0100	04.49	10736	0857	018			737	3.09	3.02	1.686																																		
	0125	04.64	10906	0870	018			736	3.20	3.20	1.691																																		
	0150	04.65	10929	0872	012			736	2.93	3.09	1.709																																		
	0175	04.63	11048	0882	013			737	3.14	3.17	1.712																																		
05	0000																																												
	0005																																												
	0010																																												
	0015																																												
	0020																																												
	0030																																												
	0040																																												
	0050																																												
	0060																																												
06	0070																																												
	0080																																												
04	0100																																												
	0125																																												
	0150																																												
	0175																																												

N 59° 17.8' E 21° 34' Observer: Lagergren

Secchi disc: 5.5 m BT Slide Sk 163/13268/71

11 "Skagerak"

1971

Station BY 27

77 Sweden

Hydro Depth Observations (Code 03)

F 72 Finska vikens mynning

Station No.	Lat.			Long.			NSEW	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																							
	°	'	''	°	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																											
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0164	59	18	021	34	0	971	08	24	04	0182	02			09	10	160					12	2	0																						
Obs. time	Obs. depth	Temp.	Sal.	σ _t	Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	Alkal. Mval/l	Sci. method	Extra info.																																	
					ml/l	%																																							
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78																	
05	0000	1510	06568	0421	716								828	0.17	0.42	1.445	3	3																											
	0005	1508	06568	0421	713								831	0.19	0.41	1.445																													
	0010	1506	06568	0421	706								833	0.24	0.41	1.437																													
	0015	1510	06571	0421	699								834	0.22	0.40	1.445																													
	0020	1257	07167	0506	643								818	0.30	0.29	1.533																													
	0030	0768	07330	0571	714								808	0.40	0.32	1.567																													
	0040	0449	07443	0597	781								807	0.46	0.37	1.520																													
	0050	0340	07548	0608	791								802	0.39	0.45	1.538																													
	0060	0302	07363	0593	750								811	0.48	0.42	1.528																													
06	0070	0280	07663	0616	763								798	0.65	0.69	1.533																													
	0080	0355	09380	0752	768								749	2.23	2.12	1.624																													
04	0100	0449	10736	0857	018								737	3.09	3.02	1.686																													
	0125	0464	10906	0870	018								736	3.20	3.20	1.691																													
	0150	0465	10929	0872	012								736	2.93	3.09	1.709																													
	0175	0463	11048	0882	013								737	3.14	3.17	1.712																													
05	0000																																												
	0005																																												
	0010																																												
	0015																																												
	0020																																												
	0030																																												
	0040																																												
	0050																																												
	0060																																												
06	0070																																												
	0080																																												
04	0100																																												
	0125																																												
	0150																																												
	0175																																												
05	0000																																												
	0005																																												
	0010																																												
	0015																																												
	0020																																												
	0030																																												
	0040																																												
	0050																																												
	0060																																												
06	0070																																												
	0080																																												
04	0100																																												
	0125																																												
	0150																																												
	0175																																												

N 59° 17.8' E 21° 34' Observer: Lagergren

Secchi disc: 5.5 m BT Slide Sk 163/13268/71

11 "Skagerak"

1971

Station BY 28

77 Sweden

Hydro Depth Observations (Code 03)

L 17

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0165	59	02	021	05	0	971	08	24	09	0180	02			25	12	155					13	3	0																						
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	$PO_4 - P$ $\mu gat/l$	Sal. method	Extra info.																																		
26	27	28	29	30	31	32	33					34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78													
09	0000	1618	06629	0407	669				840	0.17		3	3																																
	0005	1621	06630	0407	698				842	0.23																																			
	0010	1616	06628	0408	704				842	0.25																																			
	0015	1609	06628	0409	694				843	0.23																																			
	0020	1196	06874	0490	659				820	0.28																																			
	0030	0485	07346	0588	808				812	0.41																																			
	0040	0348	07531	0606	821				808	0.44																																			
	0050	0299	07654	0616	798				800	0.46																																			
	0060	0282	07864	0632	699				785	0.62																																			
	0070	0324	08845	0710	395				756	1.38																																			
	0080	0385	09792	0784	116				739	2.73																																			
	0090	0402	09956	0796	099				745	2.60																																			
	0100	0438	10376	0830	032				739	2.85																																			
	0125	0470	10989	0876	021				738	2.90																																			
	0150	0492	11410	0908	023				738	2.87																																			
	0175	0491	11507	0916	021				738	3.25																																			

BT Slide Sk 164/13268/71 Observer: Bladh

11 "Skagerak"

1971

Station BY 29

77 Sweden

Hydro Depth Observations (Code 03)

L 19

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0166	58	53	020	19	0	971	08	24	13	0175	02			25	16	165			00	3	0																								
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Alkal.	Sol. method	Extra info.																																	
26	27	28	29	30	31	32		33	34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
13	0000	1586	06368	0393	711			838	0.21	0.42	1.368	3	3																																
	0005	1589	06370	0393	711			838	0.23	0.40	1.375																																		
	0010	1581	06382	0394	714			838	0.21	0.35	1.357																																		
	0015	1570	06418	0399	692			838	0.22	0.34	1.383																																		
	0020	0772	06985	0543	738			815	0.24	0.32	1.466																																		
	0030	0497	07201	0576	807			814	0.39	0.36	1.505																																		
	0040	0272	07482	0603	862			810	0.42	0.41	1.551																																		
	0050	0287	07636	0614	833			802	0.44	0.38	1.528																																		
	0060	0290	08252	0664	580			773	0.94	0.84	1.575																																		
	0070	0395	09824	0786	138			743	2.22	2.13	1.642																																		
	0080	0436	10353	0828	053			737	2.53	2.38	1.663																																		
	0090	0445	10609	0847	023			736	2.66	2.65	1.689																																		
12	0100	0412	10800	0864	021			741	2.66	2.69	1.683																																		
	0125	0489	11245	0896	025			737	2.64	2.65	1.668																																		
	0150	0495	11394	0907	019			737	2.72	2.68	1.704																																		
	0165	0493	11513	0916	020			738	2.82	2.83	1.704																																		
									NO ₃ ⁻ -N	NO ₂ ⁻ -N	NH ₄ ⁺ -N	Tot.N	SiO ₂																																
									μgat/l	μgat/l	μgat/l	μgat/l	μgat/l																																
13	0000								0.15	0	0.51	26.65	15.0																																
	0005								0.09		0.48		15.1																																
	0010								0.05		0.17		14.1																																
	0015								0		0.09		14.1																																
	0020								0	0.01	0	15.60	13.5																																
	0030								0	0	0		12.5																																
	0040								0.05		0.20		11.0																																
	0050								0.14	0.13	0.14	17.88	13.2																																
	0060								1.54		0.14		25.0																																
	0070								3.90	0.02	0		49.0																																
	0080								4.17	0.02	0	19.97	56.5																																
	0090								3.62		0		59.0																																
12	0100								4.73	0.03	0.07		60.0																																
	0125								5.77	0.04	0.08	24.10	59.5																																
	0150								5.36		0.06		60.0																																
	0165								5.88	0.26	0.17	28.53	60.0																																

BT Slide Sk 165/13268/71 Secchi disc: 7 m

Observer: Bladh

11 "Skagerak"

1971

Station BY 37

77 Sweden

Hydro Depth Observations (Code 03)

12/9

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice			
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	60	61					62	63	64
0168	57	44	017	06	0	971	08	25	04	0069	01			27	10	150					13	2	0		
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Sal. method	Extra info.															
					ml/l	%																			
04	0000	1586	06839	0429	691		834	0.22																	
	0005	1582	06844	0429	714		837	0.24																	
	0010	1577	06845	0431	714		837	0.24																	
	0015	1579	06875	0433	710		839	0.24																	
	0020	0809	07166	0555	742		815	0.30																	
	0030	0460	07300	0585	825		808	0.51																	
	0040	0328	07456	0601	829		805	0.60																	
	0050	0298	07842	0630	676		780	1.07																	
	0060	0288	08187	0659	563		767	1.49																	
BT Slide Sk 167/13259/71 N 57°44' E 17°05.5' Observer: Carlberg																									
	0000						NO ₃ ⁻ -N	NO ₂ ⁻ -N	NH ₄ ⁺ -N																
	0005						µgat/l	µgat/l	µgat/l																
	0010						0.21	0.03	0.05																
	0015						0.11																		
	0020						0.12																		
	0030						0.05	0.02	0.21																
	0040						0.04	0.02	0.17																
	0050						0.04	0.01	0.15																
	0060						0.25	0.16	0.13																
							1.54																		
							1.76	0.10	0.17																

1: "Skagerak"

1971

Station BY 36

77 Sweden

Hydro Depth Observations (Code 03)

11/9

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Log						
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	57	58					59	60	61	62	63	64
0169	57	43	017	22	0	971	08	25	06	0143	01		27	10	15.5						1	3	20					
Obs. time	Obs. depth	Temp.	Sol.	σ_t	Oxygen		pH	$\text{NO}_3^- \text{-N}$	$\text{NO}_2^- \text{-N}$	$\text{NH}_4^+ \text{-N}$	Sol. matter	Extra info.																
26	27	28	29	30	31	32		33	34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63
06	0000							0.07	0.02	0.33																		
	0005							0.06																				
	0010							0.09																				
	0015							0.03																				
	0020							0.02	0.01	0.22																		
	0030							0.03	0.03	0.15																		
	0040							0.27																				
	0050							1.61																				
	0060							2.40	0.03	0.05																		
	0070							2.53		0.07																		
	0080							0.15		0.79																		
	0090							0.07		1.73																		
	0100							0.03	0.01	1.66																		
	0125							0		1.16																		
	0143							0	0.01	1.58																		

11 "Skagerak"
77 Sweden

1971

Station BY 36
11/9

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		NSEW	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64
0169	57	43	017	22	0	971	08	25	06	0143	01		27	10	155		1	32	0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	H ₂ S µgat/l	Sol. method	Extra info.									
					ml/l	%														
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58 59 60	61 62 63	64	77	78								
06	0000	1580	06908	0435	712			827	0.18			3	3							
	0005	1579	06908	0435	712			835	0.21											
	0010	1577	06908	0435	714			837	0.22											
	0015	1581	06910	0435	693			837	0.21											
	0020	1346	06973	0478	678			824	0.21											
	0030	0635	07269	0574	780			811	0.36											
	0040	0315	07505	0605	813			802	0.59											
	0050	0284	08015	0645	621			776	1.13											
	0060	0246	09018	0724	305			752	2.05											
	0070	0423	09839	0786	069			738	2.83											
	0080	0459	10331	0824				734	3.43	1.4										
	0090		10448						3.49	6.2										
	0100	0469	10543	0841				734	3.52	8.55										
	0125	0470	10698	0854				735	3.35	5.0										
	0143	0470	10697	0854				734	3.34	7.3										
	0000									Alkal.										
	0004									Mval/l										
	0006									1.424										
										1.440										
										1.430										

BT Slide Sk 168/13268/71 Observer: Bladh, Secchi disc: 6.5 m

11 "Skagerak"

1971

Station BY 35

77 Sweden

Hydro Depth Observations (Code 03)

10/9

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0170	57	42	017	39	0	971	08	25	07	0094	01			25	12	160							13	2	0			
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	H ₂ S 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
07	0000	1604	06884	0429	711			839	0.15			3	3															
	0005	1607	06883	0429	708			840	0.18																			
	0010	1605	06884	0429	694			841	0.16																			
	0015	1599	06893	0430	701			839	0.19																			
	0020	0840	07089	0545	749			820	0.27																			
	0030	0431	07239	0581	827			813	0.40																			
	0040	0365	07361	0592	823			809	0.51																			
	0050	0338	07451	0600	812			807	0.52																			
	0060	0280	07863	0633	688			784	0.98																			
	0070	0427	09935	0794	068			738	2.70																			
	0080	0466	10504	0838				737	3.25	2.4																		
	0085	0462	10599	0846				736	3.19	4.7																		
	0092	0468	10587	0845				736	3.15	4.7																		
BT Slide Sk 169/71/13268										N 57°41.5' E 17°39'										Observer: Lagergren								
										NO ₃ ⁻ -N	NO ₂ ⁻ -N	NH ₄ ⁺ -N																
										µgat/l	µgat/l	µgat/l																
	0000									0.07	0.01	0.64																
	0005									0.03																		
	0010									0.02																		
	0015									0.02	0.01																	
	0020									0.02	0.01	0.38																
	0030									0.03	0.01	0.63																
	0040									0.05																		
	0050									0.21	0.13																	
	0060									1.17	0.16	0.21																
	0070									2.53		0.33																
	0080									0		1.06																
	0085									0		2.50																
	0092									0.02	0.01	2.87																

11 "Skagerak"

1971

Station BY 34

77 Sweden

9/9

Hydro Depth Observations (Code 0 3)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	60	61				
0171	57	40	017	56	0	971	08	25	09	0105	01		25	12	170					1	23	0
Obs. time	Obs. depth	Temp.	Sol.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Alkal.	Sol. method	Extra info.										
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58	59 60			61 62 63 64	77	78							
09	0000	1651	06802	0413	690	840	0.20	0.39	1.422	33												
	0005	1651	06800	0413	692	838	0.20	0.40	1.430													
	0010	1647	06800	0414	685	840	0.23	0.45	1.430													
	0015	1630	06792	0417	694	836	0.22	0.41	1.430													
	0020	1103	06998	0511	694	818	0.24	0.29	1.469													
	0030	0527	07219	0576	815	813	0.34	0.45	1.497													
	0040	0324	07399	0596	836	807	0.47	0.54	1.510													
	0050	0277	07636	0614	775	794	0.67	0.72	1.536													
	0060	0330	08760	0703	383	757	1.76	1.67	1.590													
	0070	0439	10056	0804	047	735	2.85	2.79														
	0080	0461	10377	0828	019	738	3.31	3.29	1.668													
	0090	0461	10498	0838		738	3.26	3.30	1.678													
	0105	0482	10505	0838		738	3.28	3.53	1.694													
				NO ₃ ⁻ -N	NO ₂ ⁻ -N	NH ₄ ⁺ -N	Tot.N	SiO ₂	H ₂ S													
				µgat/l	µgat/l	µgat/l	µgat/l	µgat/l	µgat/l													
	0000			0.10	0.01	0.38	32.88	15.0														
	0005			0.05		0.47		14.5														
	0010			0.03		0.24		13.5														
	0015			0.03		0.24		14.0														
	0020			0.07	0.01	0.54	26.57	15.0														
	0030			0.02	0.02	0.32	21.58	15.5														
	0040			0.10		0.23		16.0														
	0050			0.81	0.22	0.30	22.36	18.0														
	0060			2.54		0.20		37.0														
	0070			2.44	0.03	0.17	20.84	57.0														
	0080			0.02		0.81		61.0	0													
	0090			0		1.96		63.5	6.9													
	0105			0.09		3.03	26.05	64.0	11.55													

BT Slide Sk 170/13268/71 Observer: Lagergren

11 "Skagerak"

1971

Station BY 33

77 Sweden

Hydro Depth Observations (Code 03)

8/9

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0172	57	39	018	12	0	971	08	25	10	0100	01		26	12	170			11	2	0																									
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	H ₂ S µgat/l	Sol. method	Extra info.																																		
26	27	28	29	30	31	32						33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64														
10	0000	1577	06592	04.10	709		838	0.23			3	3																																	
	0005	1580	06590	04.10	713		838	0.22																																					
	0010	1207	07023	0500	723		830	0.27																																					
	0015	0899	07157	0546	746		821	0.33																																					
	0020	0774	07210	0560	757		812	0.37																																					
	0030	0509	07284	0581	797		806	0.43																																					
	0040	0319	07417	0598	826		806	0.54																																					
	0050	0323	07525	0607	798		800	0.63																																					
	0060	0283	07876	0634	728		784	0.93																																					
	0070	0387	09461	0758	165		743	2.49																																					
	0080	0440	10119	0808	019		735	2.99																																					
	0090	0450	10298	0822			735	3.39	1.3																																				
	0100	0461	10486	0837			735	3.41	9.6																																				
BT Slide Sk		171/13268/71		N 57° 38.5' E 18° 11.5'		Observer: Bladh																																							
	0000						NO ₃ ⁻ -N µgat/l	NO ₂ ⁻ -N µgat/l	NH ₄ ⁺ -N µgat/l																																				
	0005						0.08	0.03	0.16																																				
	0010						0.05		0.09																																				
	0015						0.05	0.02	0.07																																				
	0020						0.03	0.03	0.16																																				
	0030						0.02	0.05	0.40																																				
	0040						0.02	0.04	0.55																																				
	0050						0.15	0.12	0.68																																				
	0060						0.43	0.15	0.66																																				
	0070						1.33	0.21	0.68																																				
	0080						2.63	0.05	0.37																																				
	0090						1.66	0.07	0.44																																				
	0100						0.16	0.03	1.42																																				
							0.06	0.01	2.34																																				

11 "Skagerak"

1971

Station BY 38

77 Sweden

Hydro Depth Observations (Code 03)

S 41

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
0173	57	07	017	40	0	971	08	25	14	0110	01		23	16	170			12	3	0

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

14	0000	1656	06902	0420	696		839	0.20	0.45	1.448	3	3
	0005	1654	06902	0420	704		840	0.24	0.42	1.443		
	0010	1651	06902	0420	699		840	0.19	0.35	1.450		
	0015	1606	06907	0430	687		840	0.23	0.37	1.435		
	0020	1115	06977	0509	686		827	0.28	0.31	1.435		
	0030	0415	07256	0583	835		814	0.44	0.36	1.497		
	0040	0286	07422	0598	815		806	0.55	0.49	1.515		
	0050	0288	07546	0609	804		800	0.63	0.60	1.528		
	0060	0337	08546	0686	423		760	1.61	1.55	1.562		
	0070	0419	09832	0786	040		737	2.70	2.69	1.655		
	0080	0449	10194	0814			735	3.48	3.39	1.676		
	0090	0457	10325	0824			735	3.29	3.64	1.694		
	0100	0507	10418	0830			736	3.87	3.57			
	0110	0461	10386	0830			735	3.77	3.54	1.678		
				NO ₃ ⁻ -N	NO ₂ ⁻ -N	NH ₄ ⁺ -N	Tot.N	SiO ₂	H ₂ S			
				μgat/l	μgat/l	μgat/l	μgat/l	μgat/l	μgat/l			
	0000			0.18	0.03	0.25	26.06	14.5				
	0005			0.12		0.33		15.0				
	0010			0.13	0.01	0.41		14.5				
	0015			0.06		0.13		14.0				
	0020			0.05	0	0.24	23.70	15.0				
	0030			0.06	0.01	0.24	22.00	17.0				
	0040			0.10	0.06	0.24		16.0				
	0050			0.53	0.21	0.25	28.53	17.5				
	0060			2.01	0.03	0.20		38.0				
	0070			2.27	0.06	0.22	22.86	59.5				
	0080			0.07	0.01	1.05		67.0	0.6			
	0090			0.06	0.02	2.96		71.0	11.7			
	0100			0.05	0.01	3.20		71.0	12.25			
	0110			0.05	0.03	3.31	27.68	68.5	13.7			

BT Slide Sk 172/13268/71 Secchi disc: 7 m
 Observer: Bladh

11 "Skagerak"

1971

Station

77 Sweden

Segerstad I

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0174	56	33	017	04	0	971	08	25	20	0073	01		25	14	150							1	13	0				
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Alkal.	Sol. method	Extra info.															
26	27	28	29	30	31	32	33		34	35	36			37	38	39	40	41	42	43	44	45	58	59	60	61	62	63
20	0000	1609	07001	0437	714				834	0.30	0.51	1.463	3	3														
	0005	1601	07001	0438	701				838	0.19	0.56	1.458																
	0010	1598	07005	0439	711				838	0.28	0.46	1.461																
	0015	1040	07139	0529	720				819	0.33	0.31	1.484																
	0020	0573	07219	0574	788				812	0.40	0.43	1.487																
	0030	0449	07395	0594	783				805	0.54	0.43	1.500																
	0040	0339	07507	0604	790				802	0.65	0.55	1.510																
	0050	0300	07696	0620	734				790	0.94	0.74	1.528																
	0060	0312	08440	0678	471				763	1.64	1.46	1.575																
	0073	0428	10068	0804	017				735	3.56	3.63	1.660																
BT Slide Sk 173/13259/71														Observer: Lagergren														

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Segerstad II

Station No.	Lat.		Long.		NSEW	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																							
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	61	62					63	64																					
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	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	56	30	016	52	0	971	08	25	21	0065	01			25	14	150						1	13	0																					
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO_4-P $\mu\text{gat/l}$	Sal. method	Extra info.																																			
26	27	28	29	30	31	32					33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78													
21	0000	1558	07077	0452	709			831	0.24				3	3																															
	0005	1551	07077	0453	704			835	0.18																																				
	0010	1548	07079	0454	710			836	0.21																																				
	0015	1543	07077	0454	715			836	0.21																																				
	0020	0710	07287	0571	772			814	0.40																																				
	0030	0441	07379	0592	779			805	0.45																																				
	0040	0362	07467	0601	798			793	0.56																																				
	0050	0304	07763	0624	710			754	0.83																																				
	0060	0334	08649	0694	385			744	1.70																																				
BT Slide Sk 174/13259/71 N 56°29.5' E 16°52' Observer: Carlberg																																													

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Segerstad III

Station No.	Lat.		Long.		NSEW	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																							
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	61	62					63	64																					
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	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	56	19	016	41	0	971	08	25	23	0045	00			25	12	150						1	13	0																					
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO_4-P $\mu\text{gat/l}$	Sal. method	Extra info.																																			
26	27	28	29	30	31	32					33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78													
23	0000	1563	07017	0446	708			835	0.25																																				
	0005	1559	07017	0447	720			833	0.24																																				
	0010	1562	07020	0446	712			833	0.25																																				
	0015	1477	07083	0466	710			829	0.28																																				
	0020	1412	07246	0489	704			828	0.28																																				
	0030	1007	07292	0545	789			823	0.41																																				
	0040	0360	07891	0634	628			780	1.00																																				
BT Slide Sk 175/13259/71 Observer: Lagergren																																													

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Hanö extra

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0178	55	37	014	52	0	971	08	26	07	0078	01		11	10	170			00	2	0																									
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Alkal.	Sol. method	Extra info.																																	
					ml/l	%		$\mu\text{gat/l}$	$\mu\text{gat/l}$	Mval/l																																			
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78																	
07	0000	1578	07581	0486	692			826	0.25	0.44	1.523	3.3																																	
	0005	1580	07582	0486	695			826	0.33	0.43	1.518																																		
	0010	1559	07571	0489	682			829	0.35	0.43	1.515																																		
	0015	1551	07581	0491	687			828	0.32	0.39																																			
	0020	1253	07567	0536	649			815	0.44	0.36																																			
	0030	0592	07671	0608	715			799	0.53	0.52																																			
	0040	0759	08148	0634	631			793	0.52	0.46																																			
	0050	0523	08771	0697	604			780	0.67	0.79																																			
	0060	0872	12794	0987	222			752	1.87																																				
	0070	0673	15033	1181	0			751	2.30	11.32																																			
	0078	0669	15083	1185				751	4.90	13.49																																			
	0070										H ₂ S																																		
	0078										$\mu\text{gat/l}$																																		
											12.1																																		
											15.1																																		
											NO ₃ ⁻ -N																																		
											$\mu\text{gat/l}$																																		
											NO ₂ ⁻ -N																																		
											$\mu\text{gat/l}$																																		
											NH ₄ ⁺ -N																																		
											$\mu\text{gat/l}$																																		
	0000								0.07	0	0.11																																		
	0005								0.08	0	0.16																																		
	0010								0.03	0.01	0.31																																		
	0015								0.02	0	0.44																																		
	0020								0.02	0	0.20																																		
	0030								0.16	0.09	0.13																																		
	0040								0.21	0.14	0.30																																		
	0050								1.42	0.04	0.14																																		
	0060								4.51	0.08	0.08																																		
	0070								0.03	0.05	9.21																																		
	0078								0.06	0.06	10.40																																		

BT Slide Sk 177/13259/71 Secchi disc: 10 m Observer: Bladh

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Öresund 3

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	60	61				
0179	55	36	012	52	0	971	08	26	18	0010	00	010	X	14	12	170				16	2	0
Obs. time	Obs. depth	Temp.	Sal.	σ _t	Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	Sal. method	Extra info.											
					ml/l	%																
18	0000	1645	08420	0538	666		819	0.32	0.50		3	3										
	0002	1647	08424	0538	664		822	0.38	0.54													
	0004	1645	08424	0538	672		824	0.34	0.49													
	0006	1640	08423	0539	658		824	0.35	0.56													
	0008	1636	08424	0540	662		825	0.38	0.57													
	BT Slide Sk 178/13259/71 N 55°36.2' E 12°51.9'							Observer: Bladh														
								NO ₃ ⁻ -N	NO ₂ ⁻ -N	NH ₄ ⁺ -N												
								µgat/l	µgat/l	µgat/l												
	0000							0.28	0.03	1.15												
	0002							0.16	0.01	0.91												
	0004							0.11	0.02	1.04												
	0006							0.08	0.02	0.99												
	0008							0.11	0.01	0.94												

11 "Skagerak"

1971

Station: Snitt 1

77 Sweden

S Trelleborg

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0184	55	14	013	16	0	971	11	09	04	0039	00																	
Obs. time	Obs. depth	Temp.	Sal.	σ_t		Oxygen		pH	Tot.P		Sal. method	Extra info.																
26	27	28	29	30	31	32	33		34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63
04	0039	1173	16101	1206		763			1.08			38																
Observer: Claesson												N 55°13.5' E 13°16'																

11 "Skagerak"

1971

Station: Snitt 1

77 Sweden

I:2

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0185	55	08	013	16	0	971	11	09	06	0037	00																	
Obs. time	Obs. depth	Temp.	Sal.	σ_t		Oxygen		pH	Tot.P		Sal. method	Extra info.																
26	27	28	29	30	31	32	33		34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63
06	0037	1167	15491	1160		617			0.90			38																
Observer: Claesson												N 55°07.5' E 13°16'																

11 "Skagerak"

1971

Station: Snitt 1

77 Sweden

I:3

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0186	55	02	013	16	0	971	11	09	08	0041	00																	
Obs. time	Obs. depth	Temp.	Sal.	σ_t		Oxygen		pH	Tot.P		Sal. method	Extra info.																
26	27	28	29	30	31	32	33		34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63
08	0041	1184	18733	1407		479			1.20			38																
Observer: Claesson																												

11 "Skagerak"

1971

Station: Snitt 1

77 Sweden

Hydro Depth Observations (Code 03)

Y 15

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64
0187	54	55	013	16	0	971	11	09	10	0045	00									
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Tot.P		Sal. method	Extra info.									
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42	43 44 45	ml/l		%	$\mu\text{gat/l}$			77	78							
10	0045	1108	20398	1547	550				1.20		3	8								
Observer: Claesson																				

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

S 12

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice	
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb					
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64	
0190	55	01	013	56	0	971	11	09	17	0047	00		23	16	075			58	20		
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Tot.P		Sal. method	Extra info.										
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42	43 44 45	ml/l		%	$\mu\text{gat/l}$			77	78								
17	0000	1026	09191	0690	751																
	0005	1028	09138	0686	738																
	0010	1030	09135	0686	732																
	0015	1033	09147	0686	732																
	0020	1035	09164	0687	730																
	0030	1037	09198	0690	731																
	0040	1209	16394	1223	530																
	0045	1151	19383	1462	543								1.29								8
BT Slide Sk 190/13259/71												N 55°01' E 13°55.7' Observer: Claesson									

11 "Skagerak"

1971

Station: Snitt II

77 Sweden

Hydro Depth Observations (Code 0 3)

4

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice							
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58	59
1190	55	05	014	06	0	971	11	09	21	0047	00																		
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Tot.P $\mu\text{gat/l}$	Sal. method	Extra info.																			
					ml/l	%																							
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78	
21	0047	1240	17352	1292	432																							3	8
Observer: Claesson																													

11 "Skagerak"

1971

Station: Snitt II

77 Sweden

Hydro Depth Observations (Code 0 3)

3

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice							
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58	59
2190	55	10	014	06	0	971	11	09	23	0045	00																		
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Tot.P $\mu\text{gat/l}$	Sal. method	Extra info.																			
					ml/l	%																							
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78	
23	0045	1029	10747	0812	498																							3	8
Observer: Claesson																													

11 "Skagerak"

1971

Station: Snitt II

77 Sweden

Hydro Depth Observations (Code 0 3)

2

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice							
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58	59
3190	55	16	014	06	0	971	11	10	01	0032	00																		
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Tot.P $\mu\text{gat/l}$	Sal. method	Extra info.																			
					ml/l	%																							
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78	
01	0032	1020	09543	0719	734																							3	8
Observer: Claesson																													

11 "Skagerak"

1971

Bornholm Deep

Station BY 5

77 Sweden

S 24

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb						
5 6 7 8	9 10 11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56	57	58 59	60	61	62	63	64	
0191	55	15	015	59	0	971	11	10	18	0093	01			36	08		045			00	1	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t		Oxygen		pH	Tot.P µgat/l		Sal. method	Extra info.										
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63			64	77	78							
18	0000	0972	07661	0577		774						3	0									
	0005	0974	07649	0576		766																
	0010	0974	07652	0576		760																
	0015	0977	07651	0576		768																
	0020	0975	07650	0576		762																
	0030	0973	07650	0576		758																
	0040	0974	07670	0578		760																
	0050	0833	11165	0865		343																
	0060	1073	12700	0957		300																
	0070	0884	14337	1106		078																
	0080	0747	15266	1193		006																
	0085	0730	15540	1216		005																
	0089	0734	15545	1216		004				5.49			8									
BT Slide Sk 192/234/71													Observer: Claesson									

11 "Skagerak"

1971

Station Snitt III

77 Sweden

ENE Christiansö

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb						
5 6 7 8	9 10 11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56	57	58 59	60	61	62	63	64	
1191	55	31	016	16	0	971	11	10	24	0074	01											
Obs. time	Obs. depth	Temp.	Sal.	σ_t		Oxygen		pH	Tot.P µgat/l		Sal. method	Extra info.										
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63			64	77	78							
24	0074	0783	15236	1187		009				4.40			3	8								
Observer: Claesson																						

11 "Skagerak"

1971

Station

77 Sweden

Snitt III:1

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																												
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58	59	60	61	62	63	64																
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64					
2191	55	50	015	48	0	971	11	11		0049	00																																							
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	Tot.P		Sal. method	Extra info.																																						
26	27	28	29	30	31	32	33		34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78																			
	0049	06	17	086	38	0682	523		1.32		3	8																																						
Observer: Claesson																																																		

11 "Skagerak"

1971

Station

77 Sweden

ESE När

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																													
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58	59	60	61	62	63	64																	
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64						
3191	57	10	018	50	0	971	11	12		0042	00																																								
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	Tot.P		Sal. method	Extra info.																																							
26	27	28	29	30	31	32	33		34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78																				
	0042	03	92	094	18	0754	232		1.72		3	8																																							
Observer: Claesson																																																			

11 "Skagerak"

1971

Station

77 Sweden

När II

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																														
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58	59	60	61	62	63	64																		
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64							
4191	57	00	018	46	0	971	11	12		0066	01																																									
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	Tot.P		Sal. method	Extra info.																																								
26	27	28	29	30	31	32	33		34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78																					
	0066	04	12	098	84	0791	140		1.87		3	8																																								
Observer: Claesson																																																				

11 "Skagerak"

1971

Station BY 38

77 Sweden

Hydro Depth Observations (Code 03)

S 41

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice		
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb						
0192	57	07	017	40	0	971	11	15	17 0112	01			25	16	07	0			13	2	0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Sal. method	Extra info.													
					ml/l	%																
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63	64											
17	0000	0724	06971	0545	804												3	0				
	0005	0728	06970	0545	805																	
	0010	0726	06979	0546	807																	
	0015	0723	06976	0546	805																	
	0020	0724	06974	0545	808																	
	0030	0730	06976	0546	803																	
	0040	0721	06989	0547	802																	
	0050	0359	08205	0660	558																	
	0060	0399	09385	0752	199																	
	0070	0428	10229	0818	024																	
	0080	0460	10444	0833	0																	
	0090	0462	10472	0835	0																	
	0100	0463	10476	0836	0																	
	0105	0456	10479	0836	0																	
BT Slide Sk 194/234/71 Observer: Claesson																						

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Snitt Västervik
Stn. 4

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice		
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb						
1192					0	971	11	15	0105	01												
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Tot.P $\mu\text{g}/\text{l}$	Sal. method	Extra info.												
					ml/l	%																
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63	64											
	0105	0447	10418	0832	008												3	8				
Observer: Claesson																						

11 "Skagerak"

1971

Station
Snitt Västervik
Stn. 3

77 Sweden

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice							
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	55	56					57	58	59	60	61	62	63
2192					0	971	11	15		0068	01																		
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Tot. P $\mu\text{gat/l}$	Sol. method	Extra info.																			
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42					43 44 45	58	59 60	61 62 63	64														
	0068	0398	09662	0774	147																								
	Observer: Claesson																												

11 "Skagerak"

1971

Station
Snitt Västervik
Stn. 2

77 Sweden

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice								
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	55	56					57	58	59	60	61	62	63	64
3192					0	971	11	16		0039	00																			
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Tot. P $\mu\text{gat/l}$	Sol. method	Extra info.																				
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42					43 44 45	58	59 60	61 62 63	64															
	0039	0440	08159	0652	558																									
	Observer: Claesson																													

11 "Skagerak"

1971

Station
Kalmar sund
Utanför Bergkvara

77 Sweden

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice											
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	55	56					57	58	59	60	61	62	63	64			
4192					0	971	11	17	14	0017	00																						
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Tot. P $\mu\text{gat/l}$	Sol. method	Extra info.																							
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42					43 44 45	58	59 60	61 62 63	64																		
14	0005									800																							
	0010									800																							
	0015									800																							
	Observer: Hagberg																																

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

SW Vinga

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																							
	°	'	''	°	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																											
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0193	57	33	011	32	0	971	11	29	13	0083	01	007	14	16	048			28	2	0																									
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	Sol. method	Extra info.																																		
26	27	28	29	30	31	32						33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78												
13	0000	0669	28640	2249	695		807	0.47	0.58		3	3																																	
	0005	0668	28643	2248	709		827	0.33	-																																				
	0010	0685	28815	2260	701		829	0.37	0.59																																				
	0015	0723	29570	2314	679		831	0.42	0.57																																				
	0020	0721	29762	2330	695		832	0.41	0.64																																				
	0030	0692	30057	2356	703	1000	832	0.49	0.69																																				
	0040	0840	31305	2435	642	951	832	0.47	0.66																																				
	0050	0970	33992	2623	614	952	832	0.48	0.62																																				
	0060	0920	34527	2674	615	946	832	0.53	0.58																																				
	0070	0928	34856	2699	588	907	832	0.62	0.73																																				
	0080	0937	34924	2701	581	901	831	0.67	0.78																																				
BT Slide Sk 196/234/71												N 57°33'		E 11°31.5'		Observer: Bladh																													

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Fladen

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0194	57	12	011	40	0	971	11	29	15	0075	01	021	16	16	050			2	83	0																									
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	Sal. method	Extra info.																																	
26	27	28	29	30	31	32	33						34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78												
15	0000	0687	27827	2184	711			831	0.37	0.57		33																																	
	0005	0690	27829	2183	709			832	0.41	0.63																																			
	0010	0684	27817	2183	712			833	0.41	0.59																																			
	0015	0685	27842	2184	708			835	0.40	0.60																																			
	0020	0705	28114	2203	698			834	0.40	0.62																																			
	0030	0951	32540	2514	625	959		833	0.51	0.67																																			
	0040	0994	33781	2604	607	943		833	0.51	0.66																																			
	0050	0992	34154	2632	590	920		833	0.57	0.64																																			
	0060	0989	34544	2663	592	925		833	0.58	0.70																																			
	0070	0985	34608	2670	592	925		833	0.58	0.67																																			
BT Slide Sk 197/234/71 N 57°11.5' E 11°40' Observer: Engström																																													

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

L:a Middelgrund

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0195	56	58	011	46	0	971	11	29	19	0098	01	014	16	18	060								28	3	0			
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Sal. method	Extra info.																
26	27	28	29	30	31	32	33		34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63
19	0000	0649	26979	2121	726				835	0.33	0.72															3	3	
	0005	0644	26981	2121	720				835	0.34	0.74																	
	0010	0653	27023	2123	722				835	0.42	0.66																	
	0015	0694	27583	2162	699				834	0.40	0.60																	
	0020	0790	29117	2271	670				834	0.33	0.67																	
	0030	1003	32617	2511	580				832	0.49	0.96																	
	0040	0993	33084	2549	596				833	0.52	0.58																	
	0050	0990	33308	2568	599				834	0.52	0.72																	
	0060	0990	33648	2594	597				834	0.50	0.72																	
	0070	0990	33839	2609	600				834	0.44	0.85																	
	0080	0986	33988	2621	603				834	0.46	0.74																	
	0098	0977	34154	2636	604				833	0.61	0.85																	
BT Slide Sk 198/234/71													N 56°57.5' E 11°45.5' Observer: Engström															

11 "Skagerak"

1971

Station

77 Sweden

St:a Middelgrund

Hydro Depth Observations (Code 0 3)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0196	56	34	012	13	0	971	11	29	23	0042	00	004	16	22	055				28	3	0																								
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P $\mu\text{gat}/l$	Sal. method	Extra info.																																			
26	27	28	29	30	31	32					33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64															
23	0000	0588	22182	1671	772		830	0.61	3	3																																			
	0010	0670	27302	2143	716		831	0.35																																					
	0015	0677	27355	2148	708		832	0.35																																					
	0020	0692	27523	2158	706		831	0.39																																					
	0030	0679	28718	2254	710		831	0.42																																					
	0040	1022	31171	2396	504		825	0.63																																					
BT Slide Sk		199/13259/71		Observer: Bladh																																									

11 "Skagerak"

1971

Station

77 Sweden

Kullen

Hydro Depth Observations (Code 0 3)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0197	56	14	012	22	0	971	11	30	02	0024	00	007	16	16	050				28	2	0																								
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P $\mu\text{gat}/l$	Tot.P $\mu\text{gat}/l$	Sal. method	Extra info.																																		
26	27	28	29	30	31	32						33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64														
02	0000	0606	20536	1618	753		816	0.56	0.92	3	3																																		
	0005	0609	20562	1620	749		825	0.64	0.90																																				
	0010	0678	23216	1822	712		827	0.48	0.96																																				
	0015	0726	26772	2095	682		827	0.49	0.80																																				
	0020	0942	30170	2330	569		825	0.52	0.88																																				
BT Slide Sk		200/13259/71		N 56°14' E 12°22.2'		Observer: Engström																																							

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

W Landskrona

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	60	61				
0198	55	52	012	45	0	971	11	30	07	0047	00	014	20	08	050				2	81	0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P $\mu\text{gat/l}$	Tot.P $\mu\text{gat/l}$	Alkal. Mval/l	Sol. method	Extra info.										
					ml/l	%																
07	0000	0579	10657	0845	816		832	0.43	0.66	1.742	3	3										
	0003									1.742												
	0005	0575	10691	0848	818		827	0.49	0.85	1.765												
	0008									1.725												
	0010	0573	25390	2004	810		826	0.45	0.77	1.736												
	0015	0802	28419	2215	639		822	0.61	0.86													
	0020	0909	28439	2201	546		823	0.69	0.99	2.302												
	0030	0950	29162	2251	516		822	0.76	1.04	2.351												
	0040		29287		510			0.79	1.12	2.598												
	0047	0940	29260	2260	511		819	0.81	1.11	2.351												
BT Slide Sk 201/13259/71 N 55°51.8' E 12°45.2' Observer: E. ström																						
						NH ₄ -N $\mu\text{gat/l}$	NO ₂ -N $\mu\text{gat/l}$	NO ₃ -N $\mu\text{gat/l}$	Tot.N $\mu\text{gat/l}$													
	0000					3.91	0.40	3.3	22.5													
	0005					3.10		3.0														
	0010					3.94	0.37	2.4	11.0													
	0015					2.99	0.15	2.5	6.8													
	0020					1.03		3.5														
	0030					1.29		5.4														
	0040					2.55		5.0														
	0047					1.46	0.23	4.6	5.4													

11 "Skagerak"

1971

Station BY 2

77 Sweden

S 12 Arkona

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0199	55	00	014	05	0	971	11	30	17	0049	00	040	18	08	050		2	82	0																										

Obs. time	Obs. depth	Temp.	Sal.	σ _t	Oxygen		pH	PO ₄ -P μgat/l	Tot. P μgat/l	Alkal. Mval/l	Sal. method	Extra info.																
					ml/l	%																						
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78
17	0000	0695	08906	0700	798		808	0.33	0.67	1.693		3	3															
	0005	0692	08885	0699	798		815	0.33	0.64	1.667																		
	0010	0715	09282	0726	792		818	0.34	0.64	1.699																		
	0015	0722	09316	0728	790		820	0.29	0.77	2.050																		
	0020	0726	09390	0734	791		821	0.33	0.60	1.779																		
	0030	0733	09511	0743	788		821	0.36	0.58	1.733																		
	0040	0781	10372	0806	757		818	0.42	0.72	1.762																		
	0049	1030	16567	1262	496		792	1.28	1.54	1.952																		

Obs. time	Obs. depth	Temp.	Sal.	σ _t	NH ₄ -N μgat/l	NO ₂ -N μgat/l	NO ₃ -N μgat/l	Tot. N μgat/l	SiO ₂ μgat/l
0005				1.17		2.1		13.0	
0010				1.34		1.9		13.0	
0015				0.62		1.8		12.5	
0020				0.55		2.1		14.0	
0030				0.39	0.47	2.0	19.4	12.0	
0040				0.77	0.46	2.1	18.5	14.0	
0049				0.51	0.22	6.7	14.6	28.5	

BT Slide Sk 202/13259/71 Observer: Bladh

11 "Skagerak"

1971

Station BY 3

77 Sweden

S 11 Hamrarne Sound

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb					
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64	
0200	55	18	014	24	0	971	11	30	20	0049	00		18	08	050			2	8	2	0
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Sal. method	Extra info.										
						ml/l	%														
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63	64	77	78								
20	0000	0692	08318	0652	797			825	0.37			3	3								
	0005	0685	08308	0652	798			818	0.36												
	0010	0687	08307	0652	793			817	0.38												
	0015	0690	08309	0652	796			816	0.38												
	0020	0690	08400	0660	796			817	0.36												
	0030	0695	08694	0682	800			819	0.33												
	0040	0694	08723	0684	800			819	0.34												
	0049	0849	11297	0874	669			804	0.69												
BT Slide Sk 203/13259/71 N 55°17.5' E 14°24'												Observer: Bladh									

11 "Skagerak"

1971

Station BY 4

77 Sweden

Hydro Depth Observations (Code 03)

Christiansö

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																							
	°	'	''	°	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																											
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0201	55	23	015	20	0	0	0	971	11	30	24	0091	01	051	14	08	040				5	82	0																						
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	H ₂ S µgat/l	Sol. method	Extra info.																																		
26	27	28	29	30	31	32						33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64														
24	0000	0659	07896	0623							808			812	0.38							3	3																						
	0005	0652	07897	0623							803			812	0.42																														
	0010	0650	07902	0624							804			813	0.38																														
	0015	0655	07905	0624							801			813	0.38																														
	0020	0653	07912	0624							800			813	0.40																														
	0030	0655	07923	0624							792			812	0.37																														
	0040	0663	08001	0630							781			811	0.43																														
	0050	0698	08331	0653							749			806	0.51																														
	0060	0602	09291	0735							344			760	1.50																														
	0070	1043	13441	1019							419			775	1.18																														
	0080	0725	15249	1194										754	8.21	1.0																													
	0090	0760	15467	1208							018			752	6.24	0																													
BT Slide Sk 204/234/71												Observer: Bladh																																	

11 "Skagerak"

1971

Station BY 5

77 Sweden

Hydro Depth Observations (Code 03)

Bornholm Deep

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0202	55	15	015	59	0	971	12	01	04	0091	01	040	11	08	029			5	82	0																									
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Alkal.	Sat. method	Extra info.																																	
26	27	28	29	30	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	0654	07947	0626	804			812	0.37	0.67	1.647	3	3																																
	0005	0658	07947	0626	801			814	0.39	0.65	1.679																																		
	0010	0661	07947	0626	799			816	0.35	0.68	1.630																																		
	0015	0657	07947	0626	804			815	0.35	0.68	1.636																																		
	0020	0659	07952	0626	803			816	0.37	0.64	1.673																																		
	0030	0662	07951	0626	799			816	0.35	0.65	1.656																																		
	0040	0684	07975	0627	793			767	0.38	0.59	1.667																																		
	0050	0740	10156	0794	363			766	1.22	1.37	1.946																																		
	0060	1062	12740	0962	303			762	1.18	1.34	1.817																																		
	0070	1043	14383	1091	168			753	2.14	2.43	1.949																																		
	0080	0772	15494	1208	022			751	5.97	5.81	2.018																																		
	0091	0753	15395	1203	016			753	6.80	6.54	2.073																																		
				NH ₄ -N	NO ₂ -N	NO ₃ -N	Tot.N	H ₂ S	SiO ₂																																				
				μgat/l	μgat/l	μgat/l	μgat/l	μgat/l	μgat/l																																				
	0000			0.42	0.34	1.6	11.4		13.5																																				
	0005			0.61		1.5			12.5																																				
	0010			0.36		1.4			12.5																																				
	0015					1.5			13.0																																				
	0020			0.17		1.5			12.5																																				
	0030			0.11		1.4			12.5																																				
	0040			0.92	0.33	1.5	10.7		11.5																																				
	0050			0.02		5.0			32.0																																				
	0060			2.36	0.05	5.9	12.5		32.5																																				
	0070			0.86		7.6			49.0																																				
	0080			5.50		2.0			82.5																																				
	0090			6.62		0.6	17.5																																						
	0091					0.13		0	84.5																																				
	BT Slide Sk 205/234/71										Observer: Engström																																		

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Stolpe sill

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0203	55	17	016	30	0	971	12	01	06	0062	01	045	16	08	027					2	82	0																							
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P μgat/l	Tot.P μgat/l	Alkal. Mval/l	Sal. method	Extra info.																																	
					ml/l	%																																							
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78																	
06	0000	0714	07783	0609		791		805	0.22	0.55	1.653	3	3																																
	0003										1.656																																		
	0005	0708	07784	0610		792		814	0.22	0.55	1.656																																		
	0008										1.653																																		
	0010	0702	07793	0611		798		816	0.25	0.55	1.636																																		
	0015	0701	07811	0612		812		816	0.22	0.63	1.636																																		
	0020	0705	07817	0612		797		817	0.26	0.60																																			
	0030	0702	07827	0614		796		817	0.26	0.56																																			
	0040	0703	07842	0614		796		817	0.26	0.67																																			
	0050	0639	10403	0821		238		755	1.56	1.81																																			
	0062	0682	11185	0879		207		747	1.63																																				
BT Slide Sk 206/234/71												Observer: Engström																																	

11 "Skagerak"

1971

Station BY 7

77 Sweden

Stolpe furrow

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	58	59					60
0204	55	13	017	04	0	971	12	01	09	0093	01	051	11	10	026						28	2	0
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	SiO ₂	Sal. method	Extra info.										
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45		58	59 60	61 62 63			64	77	78							
09	0000	0714	07690	0602	811			785	0.26	0.60	8.0		3	3									
	0005	0713	07690	0602	792			807	0.26	0.66	7.5												
	0010	0712	07689	0602	800			814	0.26	0.62	7.0												
	0015	0718	07695	0603	796			816	0.22	0.59	7.0												
	0020	0714	07693	0602	798			817	0.23	0.57	7.0												
	0030	0715	07692	0602	798			818	0.27	0.57	7.0												
	0040	0716	07696	0603	800			818	0.23	0.60	7.0												
	0050	0729	07750	0606	792			817	0.28	0.60	7.5												
	0060	0811	11699	0908	246			759	1.57	1.92	43.0												
	0070	1004	12007	0912	244			756	1.45	1.75	41.0												
	0080	0997	13427	1024	210			755	1.75	2.04	45.5												
	0090	0893	13924	1074	125			747	2.54	2.91	60.0												
									NH ₄ -N	NO ₂ -N	NO ₃ -N	Tot.N											
									μgat/l	μgat/l	μgat/l	μgat/l											
	0000								0.53	0.29	1.1	14.5											
	0005								0.51		1.0												
	0010								0.32		0.9												
	0015								0.71		1.1												
	0020								0.27		1.0												
	0030								0.35		0.9												
	0040								0.30		1.1												
	0050								0.62	0.31	1.0	14.1											
	0060								0.20	0.05	5.5	17.9											
	0070								0.01	0.05	7.3	18.9											
	0080								0.76		7.0												
	0090								0.19	0.07	6.1	20.2											
BT Slide Sk 207/234/71													Observer: Bladh										

11 "Skagerak"

1971

Station BY 9

77 Sweden

Hydro Depth Observations (Code 03)

Klaipeda S 22

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																							
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	58	59					60	61																					
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0206	56	08	019	17	0	971	12	01	20	0126	01	059	11	08	035							2	82	0																					
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P μgat/l	Tot.P μgat/l	Alkal. Mval/l	Sol. method	Extra info.																																	
					ml/l	%																																							
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78																	
21	0000	0639	07525	0594	806			805	0.22	0.45	1.653	3	3																																
	0005	0640	07524	0594	807			811	0.16	0.45	1.618																																		
	0010	0639	07525	0594	814			813	0.21	0.46	1.650																																		
	0015	0640	07525	0594	805			815	0.17	0.44	1.656																																		
	0020	0637	07524	0594	805			815	0.17	0.44	1.633																																		
	0030	0640	07525	0594	806			815	0.15	0.49	1.621																																		
	0040	0641	07528	0594	805			815	0.19	0.51	1.621																																		
	0050	0645	07536	0595	807			815	0.22	0.59	1.639																																		
	0060	0416	08909	0713	385			762	1.23	1.42	1.708																																		
	0070	0434	10251	0820	124			744	2.21	2.40	2.001																																		
20	0080	0493	10888	0868	067			741	2.31	2.37	1.869																																		
	0090	0511	11197	0891	057			736	2.25	2.22	1.814																																		
	0100	0531	11567	0918	028			735	2.64	2.35	1.955																																		
	0110	0535	11914	0945	013			736	3.83	3.82	1.960																																		
	0120	0533	12178	0966				737	4.04	4.15	1.892																																		
	0126	0532	12106	0961				737	4.13	4.20	1.966																																		
				NH ₄ -N μgat/l	NO ₂ -N μgat/l	NO ₃ -N μgat/l	Tot.N μgat/l	SiO ₂ μgat/l	H ₂ S μgat/l																																				
21	0000			0.53	0.14	0.8	14.5	7.0																																					
	0005			0.49		0.7		6.5																																					
	0010			0.37		0.6		6.5																																					
	0015			0.27		0.8		6.5																																					
	0020			0.26		0.7		6.5																																					
	0030			0.24		0.6		6.5																																					
	0040			0.47		0.7		6.5																																					
	0050			0.26	0.03	0.7	18.0	6.5																																					
	0060			0.11	0.14	5.2	16.5	35.0																																					
	0070			0.12		4.7		52.0																																					
20	0080			0.15		7.6		56.5																																					
	0090			0.11		7.8		58.0																																					
	0100			0.00		7.8		64.0																																					
	0110			0.00		3.8		70.0	0																																				
	0120			0.00		<0.5		74.0	2.3																																				
	0126			0.00	0.07	<0.5	24.2	73.0	2.6																																				

BT Slide Sk 209/234/71 N 56°07.5' E 19°17' Observer: Engström

11 "Skagerak"

1971

Station

77 Sweden

När I

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0207	56	51	018	52	0	971	12	02	02	02	0113	01	049	05	08	034					28	2	0																						
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P		Sol. method	Extra info.																																	
26	27	28	29	30	31	32	33		34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
02	0000	0461	07335	0588	857			811	0.31			3	3																																
	0005	0455	07328	0588	856			813	0.33																																				
	0010	0456	07328	0588	853			814	0.34																																				
	0015	0471	07363	0590	846			814	0.27																																				
	0020	0478	07376	0590	845			814	0.28																																				
	0030	0487	07404	0592	837			814	0.27																																				
	0040	0495	07421	0593	834			813	0.28																																				
	0050	0350	08420	0676	495			767	0.78																																				
	0060	0410	09776	0782	151			743	1.74																																				
	0070	0418	09979	0798	122			739	1.82																																				
	0080	0446	10429	0833	057			735	2.13																																				
	0090	0448	10496	0839	050			735	2.18																																				
	0100	0444	10506	0840	047			735	2.22																																				
	0113	0452	10508	0839	050			734	2.11																																				
BT Slide Sk 210/234/71 N 56°50.5' E 18°52' Observer: Bladh																																													

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

När II

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	61	62					63
0208	56	59	018	47	0	971	12	02	03	0066	01	041	05	08	030					2	8	20	
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l		Sol. method	Extra info.												
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42	43 44 45	ml/l		%	61 62 63 64			77 78											
03	0000	0441	07263	0582	872			790	0.51		3	3											
	0005	0429	07263	0582	861			805	0.33														
	0010	0434	07281	0584	862			810	0.37														
	0015	0440	07306	0586	854			810	0.37														
	0020	0451	07325	0587	860			810	0.39														
	0030	0454	07345	0590	852			811	0.36														
	0040	0454	07818	0626	729			793	0.50														
	0050	0390	09616	0771	244			747	1.57														
	0060	0399	09712	0778	164			741	1.78														
	0066	0410	09893	0792	138			738	1.90														
BT Slide Sk 211/234/71												Observer: Bladh											

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

När III

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	61	62					63
0209	57	05	018	42	0	971	12	02	04	0026	00	025	05	08	030					28	2	0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l		Sol. method	Extra info.												
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42	43 44 45	ml/l		%	61 62 63 64			77 78											
04	0000	0451	07360	0590	858			811	0.39			3	3										
	0005	0446	07367	0590	856			812	0.39														
	0010	0447	07359	0590	861			813	0.42														
	0015	0442	07370	0591	862			813	0.41														
	0020	0437	07381	0592	856			814	0.41														
	0026	0452	07391	0592	850			811	0.41														
BT Slide Sk 212/13259/71												Observer: Bladh											

11 "Skagerak"

1971

Station BY 12

77 Sweden

Hydro Depth Observations (Code 03)

7/9

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	°	'	''	°	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	58	59					60
0210	57	26	019	08	0	0	971	12	02	07	0050	00	014	05	08	030							28	2	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P		Sol. method	Extra info.														
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58			59 60	61 62 63 64	77	78										
07	0000	0402	07381	0592	860				810	0.25														3	3
	0005	0399	07393	0594	860				813	0.25															
	0010	0408	07400	0594	862				813	0.19															
	0015	0445	07450	0596	836				809	0.30															
	0020	0452	07476	0599	828				808	0.30															
	0030	0459	07560	0605	796				804	0.38															
	0040	0449	07827	0626	698				791	0.52															
	0050	0430	08184	0655	581				774	0.75															
BT Slide Sk 213/13259/71 N 57°25.5' E 19°07.5' Observer: Engström																									

11 "Skagerak"

1971

Station BY 14

77 Sweden

Hydro Depth Observations (Code 03)

5/9

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	60	61				
0212	57	22	019	44	0	971	12	02	10	0170	02	061	11	06	035					28	2	0

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

10	0000	0567	07437	0591	822		810	0.17				3	3
	0005	0564	07437	0591	831		814	0.17					
	0010	0568	07437	0591	827		816	0.18					
	0015	0563	07437	0591	825		817	0.20					
	0020	0568	07445	0592	824		817	0.20					
	0030	0567	07446	0592	827		816	0.18					
	0040	0568	07449	0592	827		815	0.19					
	0050	0562	07448	0592	821		816	0.19					
	0060	0560	07460	0593	809		815	0.20					
	0070	0381	09045	0725	330		755	1.18					
	0080	0400	09580	0767	204		759	1.64					
	0090	0427	10106	0808	109		745	1.99					
	0100	0465	10721	0855	031		738	2.25					
	0125	0490	11172	0890	019		737	2.45	0				
	0150	0542	12349	0980			740	3.74	3.6				
	0165	0543	12478	0989			741	4.18	7.8				

BT Slide Sk 215/13268/71 N 57°21.5' E 19°44' Observer: Engström

11 "Skagerak"

1971

Station BY 15

77 Sweden

Hydro Depth Observations (Code 03)

F 81 Gotland Deep

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb						
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64		
0213	57	20	020	03	0	971	12	02	12	0239	02	075	00	00	034		2	81	0			
Obs. time	Obs. depth	Temp.			Sol.	σ_t	NH ₄ -N μgat/l	NO ₂ -N μgat/l	NO ₃ -N μgat/l	Tot.N μgat/l	SiO ₂ μgat/l	Sol. method	Extra info.									
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45						77 78									
13	0000						0.91	0.22	0.9	17.1	9.0											
	0005						0.55	0.20	0.8		9.5											
	0010						0.60	0.21	0.7		9.5											
	0015						0.65	0.21	0.9		9.5											
	0020						0.51	0.21	0.9		9.5											
	0030						0.58	0.20	0.6		9.0											
	0040						0.53	0.21	0.9		9.5											
	0050						0.45	0.20	0.9		9.5											
	0060						0.58	0.21	0.6		9.5											
	0070						0.63	0.20	0.9	11.1	9.5											
	0080						0.25	0.02	4.9	16.6	38.5											
	0090						0.05	0.02	4.0		53.5											
12	0100						0.41	0.02	6.7		57.5											
	0125						0.40	0.00	7.2		61.5											
	0150						0.47	0.00	3.3		70.5											
	0175						2.07	0.00	<0.5		76.5											
	0200						4.52	0.00	<0.5		79.0											
	0225						5.76	0.00	<0.5		87.0											
	0235						7.92		<0.5	20.7	89.5											

11 "Skagerak"

1971

Station BY 15

77 Sweden

Hydro Depth Observations (Code 03)

F 81 Gotland Deep

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0213	57	20	020	03	0	971	12	02	12	0239	02	075	00	00	034								28	1	0			
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Alkal.	Sai. method	Extra info.															
26	27	28	29	30	31	32	33		34	35	36			37	38	39	40	41	42	43	44	45	58	59	60	61	62	63
13	0000	06	17	07478	0592	810			809	0.23	0.39	1.627	3	3														
	0005	06	16	07470	0591	808			816	0.18	0.48	1.618																
	0010	06	16	07470	0591	810			816	0.19	0.51	1.664																
	0015	06	14	07479	0592	810			818	0.21	0.48	1.618																
	0020	06	18	07470	0591	821			817	0.17	0.45	1.633																
	0030	06	13	07473	0591	815			817	0.18	0.58	1.624																
	0040	06	13	07471	0591	809			818	0.17	0.43	1.627																
	0050	06	11	07469	0591	813			817	0.17	0.37	1.618																
	0060	06	14	07470	0591	809			817	0.17	0.43	1.636																
	0070	06	16	07479	0592	812			817	0.23	0.42	1.607																
	0080	0394	09049	0725	329	756			756	1.21	1.49	1.685																
	0090	0439	10164	0812	082	740			740	1.95	1.93	1.903																
12	0100	0473	10742	0856	045	748			748	2.04	1.98	1.825																
	0125	0521	11612	0922	044	745			745	2.19	2.13	1.782																
	0150	0536	12185	0967	013	741			741	2.71	2.72	1.834																
	0175	0550	12520	0993		742			742	3.55	3.72	1.917																
	0200	0557	12642	1002		744			744	3.68	3.87	1.903																
	0225	0561	12720	1008		751			751	4.40	5.17	1.926																
	0235	0559	12770	1012		753			753	4.83	5.89	1.943																
	0150											H ₂ S																
												µgat/l																
												0																
												2.8																
												3.7																
												16.7																
												20.0																
BT Slide Sk 216/13268/71														Secchi disc: 15 m, Observer: Engström														

11 "Skagerak
77 Sweden

1971

Station BY 20
F 80 Fårö Deep

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		NSEW	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0214	58	00	019	54	0	971	12	02	19	0198	02	061	05	04	030				2	82	0																								
Obs. time	Obs. depth	Temp.	Sal.	σ _t	Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	Alkal. Mval/l	Sal. method	Extra info.																																	
26	27	28	29	30	31	32							33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64													
19	0000	0538	07314	0583	833		817	0.20	0.46	1.601		3	3																																
	0005	0547	07314	0583	824		819	0.18	0.40	1.621																																			
	0010	0546	07315	0583	831		820	0.17	0.42	1.587																																			
	0015	0549	07313	0583	825		819	0.16	0.39	1.587																																			
	0020	0545	07316	0583	832		818	0.17	0.42	1.590																																			
	0030	0543	07315	0583	829		818	0.17	0.40	1.604																																			
	0040	0537	07334	0584	830		817	0.16	0.41	1.598																																			
	0050	0528	07346	0586	834		816	0.19	0.46	1.601																																			
	0060	0523	07351	0586	829		816	0.21	0.47	1.593																																			
	0070	0380	08621	0691	436		766	1.03	1.25	1.696																																			
	0080	039	09733	0780	166		747	1.91		1.725																																			
	0090	0438	10369	0828	080		739	2.15	2.24	1.748																																			
	0100	0457	10645	0850	046		746	2.44	2.55	1.774																																			
	0125	0471	10934	0872	021		738	2.60	2.72	1.808																																			
	0150	0520	11767	0935	013		737	2.57	2.68	1.814																																			
	0175	0524	12007	0954			738	3.37	3.46	1.840																																			
	0198	0522	12070	0958			739	3.77	3.98	1.869																																			
				NH ₄ -N	NO ₂ -N	NO ₃ -N	Tot.N	SiO ₂	H ₂ S																																				
				µgat/l	µgat/l	µgat/l	µgat/l	µgat/l	µgat/l																																				
	0000			1.60	0.13	0.6	16.0	12.0																																					
	0005			1.00	0.13	0.6		12.5																																					
	0010			0.91	0.12	0.5		12.5																																					
	0015			1.03	0.13	0.6		13.0																																					
	0020			0.86	0.13	0.5		12.5																																					
	0030			0.78	0.13	0.6		12.5																																					
	0040			0.86	0.12	0.6		13.0																																					
	0050			0.77	0.13	0.6		13.0																																					
	0060			0.73	0.14	0.8	13.0	13.5																																					
	0070			0.04	0.05	4.0	15.7	33.0																																					
	0080			0.01	0.02	4.3		50.0																																					
	0090			0.10	0.02	5.9		57.0																																					
	0100			0.27	0.03	5.3		61.5																																					
	0125			0.29	0.02	4.2		64.5																																					
	0150			1.89	0.03	4.8		66.5	0																																				
	0175			4.48	0.05	<0.5		73.0	1.6																																				
	0198			5.09	0.06	<0.5	14.6	75.5	7.3																																				

BT Slide Sk-217/13268/71 Observer: Bladh

11 "Skagerak"

1971

Station BY 21

77 Sweden

F 79

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0215	58	27	020	20	0	971	12	02	24	0121	01	061	00	00	036					28	2	0																							
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P		Sat. method	Extra info.																																		
26	27	28	29	30	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	0557	07283	0580	835			809	0.16			3	3																																
	0005	0561	07280	0580	832			815	0.19																																				
	0010	0552	07285	0580	830			817	0.15																																				
	0015	0556	07295	0581	830			818	0.16																																				
	0020	0557	07301	0581	837			818	0.16																																				
	0030	0540	07321	0583	832			816	0.17																																				
	0040	0540	07323	0583	836			812	0.17																																				
	0050	0540	07325	0584	830			815	0.17																																				
	0060	0547	07339	0584	842			815	0.17																																				
	0070	0390	08739	0700	405			764	0.99																																				
	0080	0420	09932	0794	148			745	1.67																																				
	0090	0440	10391	0831	075			738	2.19																																				
	0100	0458	10811	0862	030			736	2.46																																				
	0121	0473	10941	0872	021			742	2.65																																				
BT Slide Sk 218/234/71												N 58°26.5'		E 20°20'		Observer: Engström																													

11 "Skagerak"

1971

Station BY 30

77 Sweden

Hydro Depth Observations (Code 03)

L 21

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	60	61					62	63
0216	58	47	019	06	0	971	12	03	05	0170	01	062	36	06	020					4	8	20		
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P		Sol. method	Extra info.													
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42 43 44 45	58 59 60	61 62 63 64		ml/l	%			$\mu\text{gat/l}$												
05	0000	0531	07206	0575	845		816	0.16														3	3	
	0005	0527	07205	0575	842		817	0.18																
	0010	0532	07224	0576	843		817	0.17																
	0015	0528	07223	0576	844		817	0.17																
	0020	0524	07236	0578	839		816	0.17																
	0030	0495	07263	0581	839		815	0.19																
	0040	0492	07274	0582	841		815	0.19																
	0050	0483	07268	0582	845		814	0.24																
	0060	0481	07292	0584	840		812	0.25																
	0070	0420	09819	0785	191		748	2.05																
	0080	0427	10165	0813	111		741	2.33																
	0090	0436	10188	0814	095		738	2.37																
	0100	0441	10340	0826	085		738	2.50																
	0125	0448	10638	0850	057		736	2.55																
	0150	0452	10682	0853	032		734	2.68																

BT Slide Sk 219/13268/71 Observer: Bladh

11 "Skagerak"

1971

Station BY 31

77 Sweden

Hydro Depth Observations (Code 03)

F 78 Landsort Deep

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64
0217	58	35	018	14	0	971	12	03	08	0459	04	012	34	06	030			28	2	0
Obs. time	Obs. depth	Temp.	Sal.	σ _t	Oxygen		pH	PO ₄ -P	Tot.P	Alkal.	Sal. method	Extra info.								
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58	59 60			61 62 63 64	77	78					
						ml/l	%	μgat/l	μgat/l	Mval/l										
09	0000	0471	07189	0576	844			809	0.21	0.53	1.564	3	3							
	0005	0472	07190	0576	841			814	0.22	0.54	1.564									
	0010	0472	07195	0577	847			815	0.19	1.10	1.578									
	0015	0399	07193	0578	853			813	0.31	0.55	1.889									
	0020	0392	07194	0578	845			812	0.33	0.62	1.544									
	0030	0395	07201	0579	849			813	0.39		1.547									
	0040	0410	07203	0579	843			812	0.37	0.60	1.552									
	0050	0405	07206	0579	843			810	0.40	0.61	1.564									
	0060	0385	08443	0676	490			770	0.99	1.42	1.656									
	0070	0378	09168	0735	317			754	1.57	1.72	1.693									
	0080	0411	09572	0766	238			748	1.90	2.04	1.708									
	0090	0416	10016	0802	134			741	2.17	2.33	1.733									
08	0100	0438	10319	0824	080			739	2.26	2.33	1.840									
	0125	0461	10736	0856	019			735	2.50	2.57	1.788									
	0150	0469	10903	0870	019			735	2.59	2.67										
	0175	0478	10997	0877	012			736	2.52	2.63	1.785									
	0200	0477	11005	0877	012			736	2.60	2.67	1.943									
	0300	0482	11097	0885	010			736	2.73	2.79	1.814									
	0400	0484	11109	0885	009			736	2.82		1.802									
	0440	0480	11127	0887	014			736	2.96	2.97	1.823									
	0150										H ₂ S									
	0175										μgat/l									
	0200										0									
	0300										0									
	0400										0									
	0440										0									

BT Slide Sk 220/13268/71 Secchi disc: 11 m Observer: Engström

11 "Skagerak"

1971

Station BY 31

77 Sweden

Hydro Depth Observations (Code 03)

F 78 Landsort Deep

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0217	58	35	018	14	0	971	12	03	08	0459	04	012	34	06	030			28	2	0																									
Obs. time	Obs. depth		Temp.		Sal.	σ_t	NH ₄ -N $\mu\text{gat/l}$	NO ₂ -N $\mu\text{gat/l}$	NO ₃ -N $\mu\text{gat/l}$	Tot. N $\mu\text{gat/l}$	SiO ₂ $\mu\text{gat/l}$	Sol. method	Extra info.																																
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78																	
09	0000						0.93	0.16	0.9	12.2	15.5																																		
	0005						0.70	0.14	0.9		15.5																																		
	0010						0.66	0.15	0.7		15.5																																		
	0015						0.29	0.17	1.8	12.8	20.0																																		
	0020						0.31	0.18	1.3		20.5																																		
	0030						0.41	0.18	1.9		20.5																																		
	0040						0.32	0.16	1.8		20.5																																		
	0050						0.21	0.17	1.3	15.1	20.5																																		
	0060						0.06	0.05	3.5		31.5																																		
	0070						0.02	0.01	3.5	13.1	43.0																																		
	0080						0.26	0.02	4.7		48.5																																		
	0090						0.11	0.01	4.7		55.0																																		
08	0100						0.70	0.02	4.6		58.5																																		
	0125						0.86	0.02	4.4		62.0																																		
	0150						0.68	0.02	3.2		64.5																																		
	0175						0.65	0.03	3.4		64.0																																		
	0200						0.85	0.06	2.5		64.0																																		
	0300						0.37	0.11	2.8		65.0																																		
	0400						0.88	0.11	2.4		65.0																																		
	0440						0.15	0.01	1.7	9.1	65.0																																		

11 "Skagerak"

1971

Station F 90 BY 32

77 Sweden

Hydro Depth Observations (Code 03)

Norrköping Deep

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0218	58	00	018	00	0	971	12	03	15	0202	02	052	34	06	020			15	2	0																									
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P μgat/l	Tot.P μgat/l	Alkal. Mval/l	Sal. method	Extra info.																																	
26	27	28	29	30	31	32							33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64													
15	0000	0457	07115	0571	849		813	0.21	0.54	1.575		3	3																																
	0005	0452	07126	0571	852		815	0.23	0.48	1.633																																			
	0010	0454	07118	0571	855		815	0.24	0.50	1.581																																			
	0015	0450	07119	0571	855		815	0.20	0.51	1.541																																			
	0020	0453	07115	0571	853		815	0.23	0.49	1.555																																			
	0030	0449	07118	0571	853		815	0.23	0.46																																				
	0040	0451	07157	0574	850		814	0.22	0.57	1.667																																			
	0050	0440	07362	0590	804		806	0.32	0.66	1.584																																			
	0060	0368	08575	0688	463		765	1.24	1.41	1.664																																			
	0070	0396	09542	0764	222		746	2.00	2.13	1.771																																			
	0080	0431	10139	0811	076		737	2.56	2.68	1.745																																			
	0090	0442	10296	0823	043		734	2.66	2.80	2.001																																			
	0100	0452	10408	0832	027		734	2.80	2.95	2.236																																			
	0125	0465	10570	0844	011		733	2.94	3.07	1.788																																			
	0150	0466	10622	0848			733	3.08	3.20	1.756																																			
	0175	0465	10636	0849			733	3.11	3.27	1.791																																			
	0200	0461	10665	0852			732	3.14	3.36	1.923																																			
				NH ₄ -N	NO ₂ -N	NO ₃ -N	Tot.N	SiO ₂	H ₂ S																																				
				μgat/l	μgat/l	μgat/l	μgat/l	μgat/l	μgat/l																																				
	0000			1.53	0.16	0.9	10.4	6.5																																					
	0005			1.14	0.15	0.9		6.5																																					
	0010			0.75	0.15	0.8		6.5																																					
	0015			1.31	0.15	1.0		6.5																																					
	0020			0.65	0.16	0.9		6.5																																					
	0030			0.57	0.15	0.8		6.5																																					
	0040			1.00	0.17	1.0		6.5																																					
	0050			0.37	0.15	1.3	17.5	7.5																																					
	0060			0.04	0.02	2.7		13.5																																					
	0070			0.20	0.02	4.1	13.3	19.0																																					
	0080				0.01	3.2		23.0																																					
	0090				0.01	2.2		24.0																																					
	0100				0.03	2.4		24.5																																					
	0125				0.05	<0.5		25.0																																					
	0150				0.01	<0.5		25.5	0.8																																				
	0175				0.01	<0.5		25.5	1.5																																				
	0200				0.01	<0.5	10.7	25.5	1.8																																				

BT Slide Sk 221/13268/71 Observer: Bladh

11 "Skagerak"

1971

Station BY 33

77 Sweden

Hydro Depth Observations (Code 0 3)

8/9

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	58	59					60
0219	57	39	018	12	0	971	12	03	18	0095	01	036	29	04	018						1	62	0

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

18	0000	0456	07113	0570	848		804	0.26			3	3
	0005	0463	07117	0570	850		811	0.24				
	0010	0462	07110	0570	849		814	0.24				
	0015	0463	07111	0570	850		813	0.25				
	0020	0458	07120	0570	858		814	0.25				
	0030	0454	07161	0574	847		814	0.25				
	0040	0437	07686	0616	708		770	0.62				
	0050	0405	09500	0761	190		745	2.21				
	0060	0426	09909	0792	084		736	2.67				
	0070	0440	10210	0816	033		733	2.81				
	0080	0451	10401	0831	011		733	3.18				
	0090	0451	10496	0839			733	3.16	1.4			

BT Slide Sk 222/234/71 N 57°38.5' E 18°11.5' Observer: Engström, Thelén

	NH ₄ -N $\mu\text{gat/l}$	NO ₂ -N $\mu\text{gat/l}$	NO ₃ -N $\mu\text{gat/l}$
0000	0.58	0.15	0.8
0005	1.23	0.14	<0.5
0010	2.75	0.13	<0.5
0015	0.75		0.8
0020	0.80		0.5
0030	0.57	0.14	0.5
0040	0.41		1.9
0050	0.50	0.06	2.0
0060	0.15	0.06	1.9
0070	0.45		2.5
0080	1.33		<0.5
0090	1.77	0.02	<0.5

11 "Skagerak"

1971

Station BY 34

77 Sweden

Hydro Depth Observations (Code 03)

9/9

Station No.	Lat.		Long.				N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	°	'	°	'	''	Year		Mo.	Day	Dir.					Sp. kn.	Dry bulb	Wet bulb	51	52	53					54	55
0220	57	40	017	56	0	971	12	03	20	0105	01	052	29	06	015									16	2	0
Obs. time	Obs. depth		Temp.		Sal.	σ _t	Oxygen		pH	PO ₄ -P μgat/l	Tot.P μgat/l	Alkal. Mval/l	Sal. method	Extra info.												
26	27	28	29	30	31	32	33	34							35	36	37	38	39	40	41	42	43	44	45	58
20	0000	0463	07150	0572	853				800	0.29	0.52	1.848	77	3												
	0005	0460	07141	0572	854				813	0.28	0.51															
	0010	0460	07142	0572	852				814	0.28	0.53	1.650														
	0015	0459	07142	0572	857				811	0.25	0.51	1.567														
	0020	0463	07141	0572	860				815	0.25	0.55	1.805														
	0030	0459	07171	0574	852				816	0.34	0.50	1.570														
	0040	0465	07192	0576	852				815	0.32	0.56	1.552														
	0050	0466	07192	0576	876				816	0.29	0.57	1.558														
	0060	0390	09146	0734	316				754	1.74	1.84	1.690														
	0070	0422	09923	0794	093				739	2.56	2.60															
	0080	0448	10295	0823					734	2.74	2.86	1.771														
	0090	0461	10554	0842					735	3.10	3.27	1.823														
	0100	0459	10562	0843					735	3.06	3.38	1.768														
	0105	0455	10532	0841					739	3.17	3.35	1.834														
				NH ₄ -N	NO ₂ -N	NO ₃ -N	Tot.N	SiO ₂	H ₂ S																	
				μgat/l	μgat/l	μgat/l	μgat/l	μgat/l	μgat/l																	
	0000			0.57	0.14	0.9	5.8	6.5																		
	0005							6.5																		
	0010			0.58		0.6		6.5																		
	0015							6.5																		
	0020			0.71		0.8		6.5																		
	0030			0.67		1.5		6.5																		
	0040			1.04		0.6		6.5																		
	0050			1.51	0.15	0.9	7.0	7.0																		
	0060			1.52	0.02	2.9	8.7	17.0																		
	0070			1.54		2.4		21.5																		
	0080			2.28		2.1		25.0	0.2																	
	0090			2.44		<0.5		25.0	3.2																	
	0100			2.54		<0.5		26.0	4.3																	
	0105			3.16	0.02	<0.5	8.5	26.0	5.1																	

BT Slide Sk 223/234/71 Observer: Bladh

11 "Skagerak"

1971

Station BY 35

77 Sweden

Hydro Depth Observations (Code 03)

10/9

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0221	57	42	017	39	0	971	12	03	21	0092	01	053	29	06	015						16	2	0																						
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P	NH ₄ -N	NO ₂ -N	Sai. method	Extra info.																																
26	27	28	29	30	31	32	33		34	35	36			37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
21	0000	0455	07156	0574	854				814	0.32	0.75	0.15	3	3																															
	0005	0454	07154	0574	855				817	0.31																																			
	0010	0455	07160	0574	855				818	0.29	0.80																																		
	0015	0462	07169	0574	853				818	0.27																																			
	0020	0463	07172	0574	850				818	0.28	0.72																																		
22	0030	0475	07188	0576	846				815	0.34	0.57																																		
	0040	0477	07207	0578	849				816	0.31	0.65																																		
	0050	0480	07249	0580	835				815	0.32	0.56	0.15																																	
	0060	0393	08632	0691	442				767	1.35	0.10	0.05																																	
	0070	0409	09687	0775	155				745	2.37	0.09																																		
	0080	0448	10466	0836	019				737	2.89	0.16	0.02																																	
												NO ₃ -N																																	
												μgat/l																																	
21	0000											0.8																																	
	0010											0.6																																	
	0020											0.8																																	
22	0030											0.8																																	
	0040											0.8																																	
	0050											0.7																																	
	0060											3.4																																	
	0070											3.4																																	
	0080											1.5																																	

BT Slide Sk 224/234/71 N 57°41.5' E 17°39' Observer: Engström

11 "Skagerak"

1971

Station BY 36

77 Sweden

11/9

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	60	61					62
0222	57	43	017	22	0	971	12	03	23	0152	02	000	23	10	020						1	62	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	NH ₄ -N	NO ₂ -N	Sol. method	Extra info.											
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42 43 44 45	58 59 60	61 62 63 64		µgat/l	µgat/l	µgat/l													
24	0000	0452	07195	0578	866		807	0.26	0.32	0.15		3	3										
	0005	0446	07198	0578	862		812	0.31															
	0010	0448	07193	0578	856		814	0.30	0.67														
	0015	0456	07211	0578	868		814	0.28															
	0020	0479	07257	0581	840		813	0.35	0.55														
	0030	0474	07287	0584	840		812	0.33	0.53														
	0040	0461	07384	0591	831		810	0.38	0.47														
	0050	0443	07699	0617	725		792	0.61	0.36	0.13													
	0060	0377	08845	0709	386		758	1.22	0.11	0.02													
23	0070	0400	09315	0746	262		754	1.58	0.17														
	0080	0424	09826	0786	126		744	1.97	0.24														
	0090	0431	10114	0809	083		742	2.09	0.07														
	0100	0447	10376	0830	035		738	2.24	0.40														
	0125	0449	10486	0838	027		738	2.26	1.52														
	0152	0452	10582	0845	009		737	2.39	0.75	0.05													
										NO ₃ -N													
										µgat/l													
24	0000									0.9													
	0010									0.9													
	0020									0.8													
	0030									1.0													
	0040									1.1													
	0050									1.3													
	0060									3.8													
23	0070									4.1													
	0080									3.2													
	0090									2.7													
	0100									2.7													
	0125									2.1													
	0152									1.2													

BT Slide Sk 225/234/71 Observer: Bladh

11 "Skagerak"

1971

Station BY 37

77 Sweden

12/9

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice								
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	58	59					60	61	62	63	64			
0223	57	44	017	06	0	971	12	04	02	0070	01	052	25	14	014						27	3	0							
Obs. time	Obs. depth		Temp.		Sal.	σ_t		Oxygen		pH	PO ₄ -P	NH ₄ -N	NO ₂ -N	Sal. method	Extra info.															
26	27	28	29	30	31	32	33	34	35		36	37	38			39	40	41	42	43	44	45	58	59	60	61	62	63	64	77
02	0000	0460	07185	0576	857					809	0.32	0.78	0.15																	
	0005	0455	07178	0575	854					814	0.33																			
	0010	0456	07175	0575	858					816	0.31	0.83																		
	0015	0455	07180	0575	850					816	0.35																			
	0020	0458	07176	0575	854					816	0.29	0.66																		
	0030	0462	07202	0577	856					816	0.29	0.95																		
	0040	0466	07216	0579	842					816	0.32	0.92																		
	0050	0469	07306	0586	825					812	0.39	1.07	0.15																	
	0060	0396	08582	0687	451					766	1.17	0.37	0.02																	
	0070	0394	08880	0712	369					758	1.34	0.25	0.04																	
	0000												NO ₃ -N																	
	0010												μgat/1																	
	0020												1.0																	
	0030												0.8																	
	0040												0.7																	
	0050												0.9																	
	0060												0.8																	
	0070												0.8																	
													3.3																	
													3.2																	

BT Slide Sk 226/13259/71 N 57°44' E 17°05.5' Observer: Engström

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

13/9

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice			
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55
0224	57	46	016	50	0	971	12	04	08	0035	00	023	23	22	020								1	6	20
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Sol. method	Extra info.													
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45		58	59 60			61 62 63 64	77	78										
08	0000	0387	07435	0597	865			802	0.40	0.86		3	3												
	0005	0384	07436	0597	867			806	0.47	0.73															
	0010	0382	07438	0597	857			809	0.47	0.76															
	0015	0379	07435	0597	866			810	0.44	0.76															
	0020	0371	07442	0597	861			810	0.47	0.79															
	0035	0428	07844	0629	683			786	0.71	1.09															
									NH ₄ -N	NO ₂ -N	NO ₃ -N														
									µgat/l	µgat/l	µgat/l														
	0000								0.26	0.19	1.5														
	0010								0.60	0.20	1.4														
	0020								0.57	0.21	1.5														
	0030								0.46	0.13	1.4														
BT Slide Sk 227/13259/71 N 57°45.7' E 16°50' Observer: Bladh																									

11 "Skagerak"
77 Sweden

Observer: Engström
1971
Station BY 28
Hydro Depth Observations (Code 03)
L 17

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
0226	59	02	021	05	0	971	12	07	03	0200	02	058	23	30	042			28	4	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Sal. method	Extra info.	
					ml/l	%				
03	0000	0531	07236	0577	843		802		3	3
	0005	0534	07234	0577	837		809			
	0010	0534	07235	0577	836		811			
	0015	0534	07236	0577	836		813			
	0020	0530	07238	0577	836		813			
	0030	0536	07240	0577	835		814			
	0040	0538	07246	0578	830		814			
	0050	0552	07261	0578	834		814			
	0060	0580	07348	0584	819		814			
	0070	0605	07405	0588	812		813			
	0080	0424	09159	0733	281		743			
	0090	0432	10086	0806	099		737			
	0100	0453	10614	0847	041		734			
	0125	0469	10617	0847	017		734			
	0150	0474	11057	0882	017		733			
	0175	0472	11101	0885	008		733			

BT Slide Sk 229/13268/71 Observer: Engström

11 "Skagerak"

1971

Station BY 27

77 Sweden

Hydro Depth Observations (Code 03)

F 72

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice	
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb					
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64	
0227	59	17	021	34	0	971	12	07	07	0160	02	072	23	28	050				28	4	0
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Alkal.	Sol. method	Extra info.								
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45		58 59 60	61 62 63 64	$\mu\text{g}/\text{l}$			$\mu\text{g}/\text{l}$	Mval/l	77 78					
07	0000	0546	07247	0578	826			812	0.04	0.44	1.639	3	3								
	0005	0540	07250	0578	833			817	0.09	0.46	1.869										
	0010	0542	07248	0578	832			818	0.09	0.46	1.596										
	0015	0545	07247	0578	822			819	0.05	0.44	1.699										
	0020	0541	07249	0578	835			818	0.10	0.45	1.596										
	0030	0544	07248	0578	832			818	0.09	0.49	1.653										
	0040	0545	07256	0579	828			818	0.09	0.52	1.593										
	0050	0550	07258	0579	850			818	0.08	0.50	1.621										
	0060	0558	07285	0580	815			817	0.18	0.55	1.596										
	0070	0554	07426	0591	769			817	0.32	0.68	1.624										
	0080	0511	07947	0634	547			767	0.83	1.23	1.693										
	0090	0438	09863	0788	119			738	2.21	2.54	1.725										
	0100	0438	10537	0842	113			734	2.35	2.74	1.736										
	0125	0449	10544	0842	051			732	2.54		1.768										
	0150	0449	10553	0843	033			733	2.58	3.11	1.768										
	0160	0445																			
	0000					NH ₄ -N	NO ₂ -N	NO ₃ -N	Tot.N	SiO ₂											
	0005					$\mu\text{g}/\text{l}$	$\mu\text{g}/\text{l}$	$\mu\text{g}/\text{l}$	$\mu\text{g}/\text{l}$	$\mu\text{g}/\text{l}$											
	0010					1.70	0.26	1.9	12.9	13.5											
	0015					1.60		1.8		13.5											
	0020					1.49		1.7		13.5											
	0030					1.51		1.8		13.0											
	0040					1.43		1.7		13.5											
	0050					1.51		1.6		13.5											
	0060					1.29		1.7		13.0											
	0070					1.12		1.6		13.0											
	0080					1.27		1.5		13.5											
	0090					1.26	0.27	2.4	15.2	16.0											
	0100					0.35	0.12	4.7	13.9	28.0											
	0125					0.27		5.0		55.5											
	0150					0.35		4.0		58.5											
						0.36		4.8		61.5											
						0.27	0.11	4.6	14.2	62.5											

BT Slide Sk 230/13268/71 N 59°17.48' E 21°34'

Observer: Bladh

11 "Skagerak"

1971

Station BY 26

77 Sweden

Hydro Depth Observations (Code 03)

L 13

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56
0228	59	22	022	28	0	971	12	07	14	0105	01	080	27	18	044						0	0	40
Obs. time	Obs. depth		Temp.		Sol.	σ_t		Oxygen		pH	PO ₄ -P	Tot.P	Sol. method	Extra info.									
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60		61 62 63	64			μgat/l	μgat/l	77	78					
15	0000	0520	07121	0569	831					805	0.22	0.59		3	3								
	0005	0523	07094	0566	837					811	0.24	0.58											
	0010	0518	07091	0566	908					812	0.21	0.57											
	0015	0518	07090	0566	840					813	0.21	0.50											
	0020	0516	07088	0566	843					813	0.21	0.52											
	0030	0520	07092	0566	843					813	0.25	0.57											
	0040	0523	07112	0568	849					813	0.25	0.57											
	0050	0528	07123	0568	833					813	0.22	0.58											
14	0060	0529	07124	0568	832					804	0.20	0.55											
	0070	0533	07201	0575	813					808	0.24	0.60											
	0080	0509	07940	0633	474					765	1.21	1.47											
	0090	0430	09682	0774	107					738	2.22	2.46											

BT Slide Sk 231/234/71 Observer: Engström

11 "Skagerak"

1971

Station BY 38

77 Sweden

Hydro Depth Observations (Code 03)

S 41

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	o	'	o	'		Year	Mo.	Day.					Dir.	Sp. kn.	Dry bulb	Wet bulb				
0229	57	07	017	40	0	971	12	10	03	0112	01	060	27	14	022			2	83	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P $\mu\text{gat}/1$	Tot.P $\mu\text{gat}/1$	Alkal. Mval/l	Sal. method	Extra info.
					ml/l	%						
03	0000	0432	07264	0582	843		801	0.13	0.53	1.544	3	3
	0005	0428	07263	0582	846		807	0.12	0.53	1.555		
	0010	0433	07262	0582	849		809	0.15	0.50	1.550		
	0015	0428	07261	0582	849		809	0.12	0.52	1.587		
	0020	0430	07264	0582	846		809	0.14	0.55	1.616		
	0030	0434	07277	0584	849		810	0.13	0.53	1.593		
	0040	0433	07285	0585	848		809	0.16	0.52	1.670		
	0050	0434	07291	0585	845		805	0.17	0.50	1.650		
	0060	0436	07362	0590	825		793	0.21	0.55	1.567		
	0070	0389	09097	0729	298		746	1.55	1.88	1.682		
	0080	0430	09960	0796	050		732	2.35	2.72	1.820		
	0090	0447	10274	0821	018		732	2.64	3.04	1.754		
	0100	0444	10323	0824	010		732	2.63	3.04			
	0112	0452	10311	0823	015		727	2.76	3.12	1.854		

	NH ₄ -N $\mu\text{gat}/1$	NO ₂ -N $\mu\text{gat}/1$	NO ₃ -N $\mu\text{gat}/1$	Tot.N $\mu\text{gat}/1$	SiO ₂ $\mu\text{gat}/1$
0000	0.70	0.16	1.0	10.2	18.5
0005	0.65		0.9		18.5
0010	0.67		0.9		18.5
0015	0.58		1.0		19.0
0020	0.62		0.9		19.0
0030	0.57		0.9		19.0
0040	0.56		1.0		19.0
0050	0.56		0.9		19.0
0060	1.79	0.16	1.3	14.1	20.0
0070	0.26	0.03	3.6	13.3	46.0
0080	0.07		2.8		64.0
0090	0.55		1.3		67.5
0100	0.91		<0.5		69.0
0112	1.04	0.07	<0.5	17.8	69.0

BT Slide Sk 232/234/71 Observer: Engström

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Segerstad I

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0230	56	33	017	04	0	971	12	10	08	0073	01	060	32	10	025			00	2	0																									
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	Alkal. Mval/l	Sol. method	Extra info.																																	
26	27	28	29	30	31	32							33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64													
08	0000	0442	07376	0591		853		799	0.22	0.59	1.630	3	3																																
	0005	0444	07371	0591		847		793	0.16	0.57	1.561																																		
	0010	0441	07374	0591		852		803	0.18	0.54	1.501																																		
	0015	0442	07379	0591		858		807	0.20	0.66	1.564																																		
	0020	0440	07388	0592		849		809	0.20	0.66	1.555																																		
	0030	0446	07395	0593		836		809	0.20	0.68	1.679																																		
	0040	0442	07401	0593		839		808	0.21	0.73	1.567																																		
	0050	0445	07403	0593		843		808	0.22	0.62	1.581																																		
	0060	0437	08618	0689		434		762	1.34	1.67	1.690																																		
	0070	0416	09476	0759		168		743	2.16	2.46	1.710																																		
BT Slide Sk 233/234/71													Observer: Bladh																																

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Segerstad II

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice							
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58	59
0231	56	30	016	52	0	971	12	10	10	0068	01	059	32	10	025								00	2	0				
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P		Sal. method	Extra info.																		
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58			59 60	61 62 63	64	ml/l	%	µgat/l		77	78									
10	0000	0458	07379	0591		852				806	0.23													3	3				
	0005	0449	07378	0591		844				810	0.23																		
	0010	0451	07379	0591		849				811	0.21																		
	0015	0450	07380	0591		851				810	0.21																		
	0020	0453	07381	0591		844				809	0.20																		
	0030	0452	07383	0591		846				810	0.24																		
	0040	0452	07381	0591		852				809	0.22																		
	0050	0452	07390	0591		844				809	0.24																		
	0060	0439	08030	0642		616				781	0.82																		
BT Slide Sk												234/234/71		N 56°29.5'		E 16°52'		Observer: Bladh											

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Segerstad III

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice				
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56
0232	56	19	016	41	0	971	12	10	11	0043	00	043	27	10	035									00	2	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P		Sal. method	Extra info.															
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58			59 60	61 62 63	64	ml/l	%	µgat/l		77	78						
11	0000	0452	07377	0591		852				806	0.24														3	3
	0005	0446	07379	0591		844				809	0.23															
	0010	0448	07377	0591		849				810	0.24															
	0015	0448	07378	0591		847				809	0.23															
	0020	0448	07379	0591		845				809	0.27															
	0030	0444	07407	0594		836				809	0.26															
	0040	0434	07429	0595		839				808	0.30															
BT Slide Sk												235/13259/71		Observer: Bladh												

11 "Skagerak"

1971

Station BY 39

77 Sweden

Ölands S udde

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64
0233	56	07	016	32	0	971	12	10	13	0050	00	050	25	12	050		0	0	2	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Alkal.	Sal. method	Extra info.								
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42 43 44 45	58 59 60	61 62 63 64		μ gat/l	μ gat/l	Mval/l										
13	0000	0450	07396	0593	848		804	0.22	0.68	1.538		3 3								
	0005	0443	07394	0592	843		809	0.23	1.23	1.564										
	0010	0448	07393	0592	856		806	0.23	0.68	1.561										
	0015	0444	07394	0592	851		808	0.21	0.63	1.564										
	0020	0446	07394	0592	852		808	0.23	0.70	1.555										
	0030	0444	07393	0592	843		808	0.22	0.72	1.561										
	0040	0441	07510	0602	802		802	0.34	0.84	1.567										
	0050	0450	08063	0644	606		778	0.81	1.22	1.650										
								NH ₄ -N	NO ₂ -N	NO ₃ -N	Tot.N	SiO ₂								
								μ gat/l	μ gat/l	μ gat/l	μ gat/l	μ gat/l								
	0000				0.60			0.17	1.1	10.2	20.5									
	0005				0.55				1.1		21.0									
	0010				0.55				1.1		20.5									
	0015				0.65				1.1		20.5									
	0020				0.65			0.17	1.1	27.7	20.5									
	0030				0.72				1.0		20.5									
	0040				0.53				1.3		22.0									
	0050				0.44			0.12	2.2	16.8	31.5									

BT Slide Sk 236/13259/72 Observer: Bladh

13 "Thetis"

1971

Station

77 Sweden

Y 15

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 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	54	55	013	16	0	971	09	01	05	0045	00			23	22	15	1			1	5	3	0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Tot.P $\mu\text{gat/l}$	Sol. method	Extra info.														
					ml/l	%																		
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63	64											77	78	
05	0000	1668	07851	0492		638																	3	0
	0005	1671	07839	0490		633																		
	0010	1669	07842	0491		634																		
	0015	1669	07847	0492		634																		
	0020	1519	07960	0525		637																		
	0030	1313	09890	0711		527																		
	0040	1456	14993	1078		337																		
	0042	1427	15084	1086		310																		
																								8
BT Slide Th 358/162/71 Observer: Hagberg																								

13 "Thetis"

1971

Station

77 Sweden

Snitt I, Stn. 3

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice			
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56	57	58 59	60	61	62	63	64			
1150	55	02	013	16	0	971	09	01		0042	00			23	22					1	4	9	0		
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Tot.P $\mu\text{gat/l}$	Sol. method	Extra info.															
					ml/l	%																			
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63	64												77	78	
	0042	1368	15076	1097		293																		3	8
Observer: Hagberg																									

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Snitt I, Stn. 2

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56 57
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64			
2150	55	08	013	16	0	971	09	02		0038	00		23	24							1	49	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Tot.P $\mu\text{g}/\text{l}$	Sol. method	Extra info.													
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42					43 44 45	58 59 60	61 62 63 64	77 78									
	0038	1284	11537	0838	411			0.88		3	8												
Observer: Hagberg		N 55°07.5'		E 13°16'																			

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Snitt I, Stn. 1

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56 57
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64			
3150	55	14	013	16	0	971	09	03		0038	00		23	26							1	49	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Tot.P $\mu\text{g}/\text{l}$	Sol. method	Extra info.													
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42					43 44 45	58 59 60	61 62 63 64	77 78									
	0038	1457	13277	0943	418			1.24		3	8												
Observer: Hagberg		N 55°13.5'		E 13°16'																			

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Snitt II
Stn. 1

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56 57
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64			
4150	55	19	014	06	0	971	09	06	07	0020	00												
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Tot.P $\mu\text{g}/\text{l}$	Sol. method	Extra info.													
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42					43 44 45	58 59 60	61 62 63 64	77 78									
	07	0020	1175	07814	0566	670		0.65		3	8												
Observer: Hagberg		N 55°18.7'		E 14°06'																			

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

S 12 / Y 18

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58 59
0151	55	00	014	05	0	971	09	06	17	0048	00		29	04	175						11	2	0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Tot.P		Sal. method	Extra info.													
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58			59 60	61 62 63	64	$\mu\text{gat/l}$	77	78							
17	0000	1533	07872	0516	670																		3	0
	0010	1521	07901	0520	658																			
	0020	1514	07913	0522	646																			
	0030	1109	08438	0623	572																			
	0040	1325	12708	0922	300																			
	0045	1330	12996	0943	287																			
	0047	1326	13007	0944	288																			8
BT Slide Th 165/358/71												Observer: Claesson												

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

S 24

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice			
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58 59	60
0152	55	15	016	00	0	971	09	08	10	0091	01		34	08	139										
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Tot.P		Sal. method	Extra info.														
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58			59 60	61 62 63	64	$\mu\text{gat/l}$	77	78								
10	0000	1526	07486	0488	672																			3	0
	0010	1516	07512	0492	680																				
	0020	1521	07564	0494	659																				
	0030	1456	07588	0514	649																				
	0040	0408	07616	0612	737																				
	0050	0548	08465	0673	606																				
	0060	0740	11681	0912	285																				
	0070	0649	14605	1152	005																				
	0080	0672	15704	1233	000																				
	0085	0671	15734	1236	000																				
	0088	0658	15734	1237	000																				8
BT Slide Th 167/11600/71												Observer: Claesson													

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Västervikssnittet
Stn. 3

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice					
	°	'	''	°	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	57	58					59	60	61	62	63
4152	57	44		017	06	0		971	09	13	10	0072	01														1	19	0
Obs. time	Obs. depth			Temp.			Sal.	σ_t			Oxygen		pH	Tot.P		Sol. method	Extra info.												
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63	64	µgat/l																	
10	0072	0301	08211	0660	536									1.42													3	8	
Observer: Hagberg N 57°44' E 17°05.5'																													

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Västervikssnittet
Stn. 2

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	°	'	''	°	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	57	58					59	60	61	62	63	64
5152	57	44		016	57	0		971	09	13	11	0039	00															1	19	0
Obs. time	Obs. depth			Temp.			Sal.	σ_t			Oxygen		pH	Tot.P		Sol. method	Extra info.													
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63	64	µgat/l																		
11	0039	1261	06966	0489	691																							3	0	
Observer: Hagberg N 57°43.5' E 16°56.6'																														

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Västervikssnittet
Stn. 1

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice							
	°	'	''	°	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	57	58					59	60	61	62	63	64	
6152	57	46		016	48	0		971	09	13	12	0027	00																11	9	0
Obs. time	Obs. depth			Temp.			Sal.	σ_t			Oxygen		pH	Tot.P		Sol. method	Extra info.														
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63	64	µgat/l																			
12	0027	1196	06981	0499	681																								3	8	
Observer: Hagberg N 57°45.9' E 16°48.3'																															

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

W Vinga

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																					
	5	6	7	8	9	10		11	12	13					14	15	16	17	18	19					20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0154	57	39	011	27	0	971	09	27	11	0089	01				14	16	110						28	3	0																				
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P μgat/l	Tot.P μgat/l	Sol. method	Extra info.																																		
26	27	28	29	30	31	32						33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64														
11	0000	1331	28544	2136	599			0.18	0.66		3	3																																	
	0005	1370	29795	2225	600			0.16	0.39																																				
	0010	1400	30892	2304				0.14	0.33																																				
	0015	1397	31104	2320	577			0.14	0.29																																				
	0020	1396	31304	2336	585			0.15	0.31																																				
	0030	1354	32760	2456	559	933		0.20	0.35																																				
	0040	1273	33382	2520	531	876		0.29	0.39																																				
	0050	1112	33781	2583	477	763		0.54	0.62																																				
	0060	0983	34258	2642	475	741		0.73	0.88																																				
	0070	0904	34539	2677	481	740		0.78	0.88																																				
	0080	0858	34706	2698	483	735		0.83	0.93																																				
	0089	0850	34801	2706	497	754		0.91	1.27																																				
BT Slide Th 171/11600/71 N 57°38.5' E 11°26.6' Observer: Engström																																													

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

P 1

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																					
	5	6	7	8	9	10		11	12	13					14	15	16	17	18	19					20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0155	57	53	011	25	0	971	09	27	13	0059	00				14	10	110					28	3	0																					
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P μgat/l	Tot.P μgat/l	Sol. method	Extra info.																																		
26	27	28	29	30	31	32						33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64														
13	0000	1320	26686	1996	639			0.13	0.50		3	3																																	
	0005	1346	28233	2111	616			0.15	0.40																																				
	0010	1411	30616	2280	788			0.13	0.32																																				
	0015	1380	31534	2357	595			0.07	0.28																																				
	0020	1378	31629	2365	592			0.10	0.54																																				
	0030	1377	32042	2396	591			0.06	0.31																																				
	0040	1310	33113	2493	543			0.12	0.33																																				
	0050	1225	33668	2550	511			0.24	0.42																																				
BT Slide Th 172/358/71 Observer: Engström																																													

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

P 1 B

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice							
	o	'	''	o	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58	59
0156	57	52	011	21	0		971	09	27	13	0064	01	000		14	10	110							2	8	30					
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	Sal. method	Extra info.																				
26	27	28	29	30	31	32						33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64
13	0000	1317	28737	2155			622										0.14												3	4	
	0005	1331	29678	2224			611										0.14														
	0010	1367	31673	2370			583										0.14														
	0015	1368	31907	2389			585										0.14														
	0020	1372	32099	2402			579										0.13														
	0030	1380	32241	2411			581										0.13														
	0040	1375	32333	2420			575										0.04														
	0050	1233	33664	2550			523										0.33														
	0060	1072	34043	2610			489										0.46														
BT Slide Th 173/358/71 N 57°52.3' E 11°21' Observer: Bladh																															

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

P 2

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice								
	o	'	''	o	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58	59	60
0157	57	52	011	18	0		971	09	27	13	0098	01			14	10	110									28	3	0				
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	Sal. method	Extra info.																					
26	27	28	29	30	31	32						33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77
13	0000	1358	28632	2139			607										0.08	0.50													3	3
	0005	1378	31999	2393			578										0.14	0.53														
	0010	1377	32265	2414			573										0.13	0.45														
	0015	1383	32340	2418			575										0.09	0.41														
	0020	1383	32348	2420			566										0.15	0.36														
	0030	1382	32356	2421			578										0.12	0.37														
	0040	1370	32441	2429			586										0.13	0.36														
	0050	1275	33230	2510			534										0.21	0.46														
	0075	0877	34764	2698			509										0.69	0.83														
	0090	0844	35067	2728			585										0.64	0.87														
BT Slide Th 174/358/71 Observer: Engström																																

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

P 4

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58 59
0160	57	48	010	52	0	971	09	27	17	0061	01	006	14	10	115							2	83	0
Obs. time	Obs. depth	Temp.		Sal.		σ_t		Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	Sol. method	Extra info.										
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60						61 62 63	64	77	78						
17	0000	1348	28293	2114	622						0.11	0.48		3	3									
	0005	1348	28299	2115	626						0.12	0.60												
	0010	1406	31130	2322	590						0.11	0.36												
	0015	1413	32226	2404	545						0.20	0.41												
	0020	1402	32506	2428	539						0.24	0.44												
	0030	1365	32862	2463	515						0.30	0.46												
	0040	1050	34500	2649	551						0.34	0.45												
	0050	0904	34979	2710	580						0.50	0.63												
	0055	0881	35023	2718	587						0.55	0.77												
BT Slide Th 177/358/71														Observer: Bladh										

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

R 53

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58 59
0161	57	48	010	42	0	971	09	27	18	0081	01	006	09	10	120							28	2	0
Obs. time	Obs. depth	Temp.		Sal.		σ_t		Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	Sol. method	Extra info.										
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60						61 62 63	64	77	78						
18	0000	1370	30675	2293	587						0.22	0.48										3	3	
	0005	1368	30687	2294	588						0.21	0.50												
	0010	1453	32494	2415	509						0.28	0.49												
	0015	1356	32897	2467	485						0.40	0.59												
	0020	1230	33599	2546	545						0.20	0.38												
	0030	1098	34303	2626	537						0.23	0.37												
	0040	1065	34574	2652	560						0.24	0.38												
	0050	0941	34728	2686	533						0.39	0.50												
	0075	0850	35087	2728	558						0.65	0.79												
BT Slide Th 178/358/71														Observer: Engström										

13 "Thetis"

1971

Station

77 Sweden

M 6

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																					
	5	6	7	8	9	10		11	12	13					14	15	16	17	18	19					20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0162	58	10	009	30	0	971	09	27	23	0640	06	013	09	16	110							68	3	0																					
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Sol. method	Extra info.																																		
26	27	28	29	30	31	32		33	34			35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
24	0000	1338	31361	2352	606			837	0.05	0.26																3	3																		
	0005	1333	31376	2354	606			839	0.07	0.27																																			
	0010	1341	31382	2353	603			840	0.07	0.28																																			
	0015	0988	34537	2663	727			842	0.14	0.34																																			
	0020	0751	34763	2718	782			846	0.15	0.42																																			
	0030	0639	34847	2740	611			832	0.60	0.92																																			
	0040	0633	34937	2749	587			830	0.87	0.98																																			
	0050	0633	34998	2752	598			830	0.83	0.93																																			
	0075	0662	35089	2756	592			830	0.87	0.94																																			
	0100	0650	35114	2759	607			831	0.88	0.96																																			
	0125	0638	35144	2764	609			831	0.89	0.92																																			
23	0150	0639	35148	2764	613			822	0.87	0.91																																			
	0200	0628	35154	2765	636			828	0.91	0.97																																			
	0300	0561	35124	2771	606			829	0.90	0.94																																			
	0400	0530	35083	2771	615			828	0.93	1.00																																			
	0500	0505	35081	2775	615			829	0.91	1.04																																			
	0600	0486	35067	2776	603			829	0.95	0.94																																			
		BT Slide Th		179/13268/71, 180/358/71		Observer: Engström																																							

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Å 18 B

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64
0163	58	16	010	11	0	971	09	28	03	0420	04	015	09	12	10	0		6	8	30
Obs. time	Obs. depth	Temp.	Sal.	σ_t		Oxygen		pH	PO ₄ -P		Tot.P	Sol. method	Extra info.							
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45		58	59 60				61 62 63	64	μgat/l	μgat/l	77 78		
04	0000	1348	32090	2406		598						0.06	0.27	3						
	0005	1349	32095	2406		605						0.09	0.25							
	0010	1350	32113	2407		597						0.09	0.27							
	0015	1345	34020	2556		652						0.14	0.31							
	0020	0957	34786	2688		670						0.22	0.33							
	0030	0853	35010	2721		610						0.59	0.63							
	0040	0860	35232	2738		596						0.78	0.80							
	0050	0850	35220	2739		603						0.85	0.85							
	0075	0710	35116	2751		588						0.85	0.84							
	0100	0719	35197	2757		575						0.92	0.91							
03	0125	0735	35218	2757		569						0.95	0.98							
	0150	0674	35148	2759		589						0.91	0.96							
	0200	0677	35209	2764		593						0.92	0.92							
	0300	0607	35144	2767		622						0.89	0.94							
	0400	0517	35091	2774		603						0.95	1.05							
BT Slide Th 181/13258/71															Observer: Bladh					

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Å 17

Station No.	Lat.		Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	°	'	°	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54
0164	58	15	010	34	0	971	09	28	07	0315	03	015	09	08	100								2	82	0

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

07	0000	1313	31848	2394	614							0.11												3	4
	0005	1315	31844	2394	609																				0
	0010	1314	31842	2394	610							0.10													4
	0015	1311	31845	2395	611							0.10													
	0020	0999	34506	2659	622							0.24													
	0030	0926	34944	2706	610							0.44													
	0040	0831	35081	2730	593							0.68													
	0050	0796	35112	2739	583																				0
	0075	0797	35242	2749	590							0.95													4
	0100	0766	35218	2752	575							0.93													
	0125	0756	35233	2754	576							0.95													
	0150	0758	35228	2754	569							0.92													
	0200	0728	35209	2758	568							0.96													
	0300	0595	35129	2767	599							0.96													

BT Slide Th 182/13268/71 N 58°14.5' E 10°34' Observer: Engström

13 "Thetis"

1971

Station

77 Sweden

Å 16

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0165	58	16	010	44	0	971	09	28	09	0205	02	010	09	06	100			2	82	0																									
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄	Tot.P	Sat. method	Extra info.																																	
26	27	28	29	30	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	1295	31687	2386	615				0.10	0.36	3	3																																	
	0005	1299	31697	2387	612				0.08	0.23																																			
	0010	1299	31690	2386	619				0.05	0.29																																			
	0015	1119	34456	2635	611				0.16	0.33																																			
	0020	0996	34694	2674	605				0.33	0.42																																			
	0030	0898	34787	2698	543				0.35	0.44																																			
	0040	0879	35037	2719	602				0.60	0.62																																			
	0050	0867	35089	2726	605				0.63	0.69																																			
	0075	0794	35219	2748	594				0.87	0.87																																			
	0100	0771	35195	2749	579				0.87	0.93																																			
	0125	0756	35197	2750	577				0.91	0.92																																			
	0150	0756	35197	2750	572				0.95	0.89																																			
	0175	0738	35183	2753	568				0.97	0.92																																			
	0200	0729	35177	2755	563				0.97	0.97																																			
BT Slide Th 183/13268/71													N 58°16' E 10°43.5' Observer: Bladh																																

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Å 15

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice				
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56
0166	58	18	010	51	0	971	09	28	10	0139	01	017	09	04	100							2	8	2	0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P		Sal. method	Extra info.															
					ml/l	%		µgat/l																		
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63 64															77	78
10	0000	1330	30735	2306																					3	4
	0005		30749																							
	0010	1362	31049	2323																						
	0015	1375	31717	2373																						
	0020	1268	34429	2603																						
	0030	0991	34770	2680																						
	0040	0873	35059	2723																						
	0050	0825	35175	2740																						
	0075	0770	35143	2746																						
	0100	0751	35152	2749																						
	0130	0735	35146	2751																						
		BT Slide Th	184/13268/71	N 58°17.7' E	10°51'	Observer: Engström																				
		BT Slide Th	185/358/72																							

13 "Thetis"

1971

Station

77 Sweden

Å 14

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice			
	°	'	"	°	'	"		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55
0167	58	19	010	57	0	971	09	28	11	0112	01	000	14	04	110									2	72	0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t			Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	Sel. method	Extra info.														
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58						59 60	61 62 63	64	77	78									
11	0000	1306	30102	2262			646			0.09	0.35																
	0005	1344	30886	2314			601			0.08	0.27																
	0010	1359	31003	2320			608			0.08	0.31																
	0015	1374	31341	2343			601			0.08	0.49																
	0020	1328	33588	2526			590			0.12	0.27																
	0030	1101	34715	2659			610			0.27	0.36																
	0040	0935	34759	2689			533			0.44	0.53																
	0050	0920	34781	2692			532			0.45	0.50																
	0075	0884	34954	2712			570			0.52	0.55																
	0100	0797	35108	2739			578			0.75	0.81																
BT Slide Th 186/13268/71													N 58°19' E 10°56.5'			Observer: Engström											

13 "Thetis"

1971

Station

77 Sweden

Å 13

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice			
	°	'	"	°	'	"		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55
0168	58	20	011	02	0	971	09	28	12	0091	01	005	09	04	110									2	72	0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t			Oxygen		pH	PO ₄ -P µgat/l	Sel. method	Extra info.															
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58					59 60	61 62 63	64	77	78										
12	0000	1295	29826	2242			627			0.13																	
	0005	1299	29962	2251			625			0.13																	
	0010	1374	31080	2323			606			0.11																	
	0015	1374	31540	2359			598			0.11																	
	0020	1359	32096	2405			591			0.14																	
	0030	1200	33579	2550			521			0.38																	
	0040	1053	34333	2636			513			0.38																	
	0050	1073	34829	2670			603			0.30																	
	0075	0890	34878	2706			541			0.56																	
	0085	0881	34904	2708			555			0.59																	
BT Slide Th 187/358/71													N 58°20.2' E 11°02'			Observer: Engström											

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Å 12

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	55	56					57	58	59	60	61	62
0169	58	20	011	06	0	971	09	28	13	0047	00		00	00	120					1	61	0						
Obs. time	Obs. depth	Temp.	Sal.	σ_t		Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	Sal. method	Extra info.																
26	27	28	29	30	31	32	33						34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61
13	0000	1281	26614	1998		661			0.17	0.95	3	3																
	0005	1401	28679	2133		604			0.18	0.69																		
	0010	1358	30823	2306		606			0.07	0.30																		
	0015	1406	31702	2365		582			0.14	0.29																		
	0020	1415	32012	2387		562			0.17	0.43																		
	0030	1439	32922	2452		526			0.27	0.44																		
	0040	1137	34082	2600		532			0.32	0.49																		
BT Slide Th 188/358/71													N 58°20.2' E 11°06.1' Observer: Engström															

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Å 11

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	55	56					57	58	59	60	61	62
0170	58	20	011	10	0	971	09	28	13	0051	00	000	00	00	120					16	10							
Obs. time	Obs. depth	Temp.	Sal.	σ_t		Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	Sal. method	Extra info.																
26	27	28	29	30	31	32	33						34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61
13	0000	1303	25725	1924		653			0.15	0.82	3	3																
	0005	1360	27567	2057		624			0.12	0.67																		
	0010	1405	29711	2212		630			0.15	0.40																		
	0015	1416	31353	2335		582			0.13	0.35																		
	0020	1421	31962	2382		572			0.12	0.32																		
	0030	1388	32564	2435		541			0.20	0.43																		
	0040	1169	33688	2564		507			0.42	0.46																		
	0048	0987	34516	2661					0.44	0.53																		
BT Slide Th 189/358/71													N 58°20.2' E 11°09.5' Observer: Bladh															

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Alsäck

Station No.	Lat.			Long.			NSEW	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																							
	°	'	''	°	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																											
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0171	58	19	011	33	0	971	09	29	06	0118	01	000	09	04	080						1	6	1	0																					
Obs. time	Obs. depth	Temp.	Sal.	σ_t		Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	Sal. method	Extra info.																																	
26	27	28	29	30	31	32	33						34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64														
07	0000	1288	26874	20	17	624		845	0.13	0.43		3																																	
	0005	1299	26896	20	17	638		846	0.09	0.71																																			
	0010	1408	29335	21	83	575		840	0.18	0.39																																			
	0015	1403	31476	23	49	519		835	0.28	0.35																																			
	0020	1397	31571	23	57	507		835	0.28	0.40																																			
	0030	1320	32429	24	43	420		831	0.58	0.57																																			
	0040	1191	33000	25	07	438		828	0.63	0.69																																			
	0050	0760	33591	26	25	420		822	1.05	1.13																																			
06	0060	0548	34238	27	04	415		804	1.39	1.47																																			
	0070	0526	34397	27	18	414		772	1.55	1.60																																			
	0080	0514	34418	27	22	419		813	1.64	1.78																																			
	0090	0522	34436	27	22	419		813	1.71	1.64																																			
	0100	0519	34444	27	24	400		812	1.85	1.92																																			
	0115	0508	34459	27	26	339		807	2.41	2.40																																			

BT Slide Th 190/358/71, 191/13268/71 N 58°19.17' E 11°32.6'

Observer: Engström

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Ormestad

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0172	58	22	011	36	0	971	09	29	08	0089	01	000	07	04	080							2	71	0				
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot. P	Sal. method	Extra info.																
26	27	28	29	30	31	32	33		34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63
08	0000	1276	26543	1995	621				844	0.00	0.42													3	3			
	0005	1359	27230	2032	615				844	0.10	0.43																	
	0010	1400	29233	2176	574				840	0.12	0.38																	
	0015	1411	31506	2359	521				838	0.26	0.34																	
	0020	1403	31994	2388	477				834	0.36	0.47																	
	0030	1319	32352	2433	413				828	0.55	0.66																	
	0040	1073	32400	2481	398				825	0.74	0.83																	
	0050	0728	33505	2623	423				822	1.04	1.12																	
	0060	0526	34370	2716	411				818	1.57	1.58																	
	0070	0519	34408	2720	389				815	1.70	1.79																	
	0080	0510	34422	2723	386				814	1.77	1.85																	
BT Slide Th 192/358/71													N 58°21.6' E 11°35.5' Observer: Engström															

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Strömmätaren

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0175	58	14	011	04	0	972	09	29	13	0096	01	007	14	12	120						2	83	0																						

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

13	0000	1330	29205	2189	619			0.14		3	3
	0005	1326	29227	2190	615			0.09			
	0010	1436	30588	2273	573			0.12			
	0015	1424	32092	2391	533			0.18			
	0020	1392	32046	2394	566			0.16			
	0030	1301	33159	2498	550			0.19			
	0040	1127	34239	2616	527			0.24			
	0050	0966	34594	2664	472			0.50			
	0075	0787	35136	2742	557			0.77			
	0090	0761	35154	2747	554			0.91			

BT Slide Th 195/358/71 N 58°14.1' E 11°04.4' Observer: Bladh

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Fj. 61 Åbyfjorden

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice				
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56
0178	58	22	011	23	0	971	09	30	08	0026	00	000	20	14	120								68	2	0	
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	Sal. method	Extra info.														
26	27	28	29	30	31	32	33						34	35	36	37	38	39	40	41	42	43	44	45	58	59
08	0000	1255	25632	1927	642			842	0.16	0.98		3	3													
	0005	1279	26907	2022	637			844	0.10	0.77																
	0010	1321	27819	2084	625			845	0.09	0.58																
	0015	1328	27845	2085	621			846	0.05	0.56																
	0020	1318	27888	2092	618			846	0.08	0.55																
	0026	1374	29264	2184	475			832	0.45	1.04																
BT Slide Th 198/358/71													N 58°22.4' E 11°22.7' Observer: Bladh													

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Fj. 62 Brofjorden

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice				
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56
0179	58	22	011	26	0	971	09	30	09	0026	00	014	23	10	120								68	1	0	
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	Sal. method	Extra info.														
26	27	28	29	30	31	32	33						34	35	36	37	38	39	40	41	42	43	44	45	58	59
09	0000	1267	25419	1908	640			842	0.14	0.64		3	3													
	0005	1281	25814	1937	639			842	0.11	0.64																
	0010	1288	26533	1991	635			844	0.12	0.66																
	0015	1297	27250	2046	630			845	0.13	0.55																
	0020	1323	27684	2073	605			843	0.17	0.55																
	0026	1400	29443	2192	481			831	0.74	1.20																
BT Slide Th 199/358/71													N 58°21.6' E 11°25.5' Observer: Bladh													

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Fj. 43 Borgilafjord

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0182	58	15	011	38	0	971	09	30	13	0061	01	006	27	08	130								2	81	0			
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	H ₂ S	Sal. method	Extra info.															
26	27	28	29	30	31	32	33		34	35	36			37	38	39	40	41	42	43	44	45	58	59	60	61	62	63
13	0000	1325	24152	1799	600				841	0.18	0.59														3	3		
	0005	1320	24276	1810	599				843	0.15	0.60																	
	0010	1406	26291	2089	299				815	0.55	0.94																	
	0015	1211	27812	2104	176				787	1.47	1.76																	
	0020	0524	28842	2281					765	4.81	5.34																	
	0030	0466	29102	2307					766	5.19	5.65																	
	0040	0461	29106	2308					766	5.15	5.20																	
	0050	0448	29100	2309					765	5.14	5.44																	
	0061	0460	29115	2309					765	5.40																		
BT Slide Th		202/358/71		N 58°15.2' E 11°37.75'		Observer: Engström																						

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Fj. 44 Kalvöfjord

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0183	58	17	011	41	0	971	09	30	13	0060	01		27	08	140											2	71	0
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	H ₂ S	Sal. method	Extra info.															
26	27	28	29	30	31	32	33		34	35	36			37	38	39	40	41	42	43	44	45	58	59	60	61	62	63
13	0000	1330	24245	1806	545				839	0.07	0.61																	
	0005	1327	24246	1807	596				843	0.12	0.52																	
	0010	1426	26023	1925	403				827	0.40	0.75																	
	0015	1246	28198	2127	080				790	1.20	1.44																	
	0020	0570	28793	2272	008				767	4.29	4.47																	
	0030	0460	29086	2306	005				765	4.96	5.07																	
	0040	0451	29107	2308	008				763	4.91	4.85																	
	0050	0433	29185	2314					765	5.40	5.79																	
	0060	0443	29192	2315					766	7.05	7.62																	
BT Slide Th		203/358/71		N 58°17.07' E 11°40.8'		Observer: Engström																						

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Fj. 46 Havstensfjord

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0184	58	19	011	46	0	971	09	30	14	0043	00	005	25	08	140			1	51	0																									
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Sol. method	Extra info.																																		
26	27	28	29	30	31	32		33	34			35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	ml/l	%	$\mu\text{g}/\text{l}$	$\mu\text{g}/\text{l}$	77	78										
14	0000	1280	24034	1799	648			845	0.09	0.66		3	3																																
	0005	1279	24178	1811	638			846	0.11	0.57																																			
	0010	1436	26502	1960	492			836	0.23	0.56																																			
	0015	1281	29690	2234	143			793	1.03	1.26																																			
	0020	1262	31044	2341	202			802	1.24	1.36																																			
	0030	0561	32732	2582	138			786	2.63	2.73																																			
	0040	0523	33103	2616	008			786	9.95	12.44																																			
BT Slide Th 204/358/71												N 58°18.75'		E 11°46.4'		Observer: Bladh																													

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Fj. 47 Byfjorden

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0185	58	20	011	53	0	971	09	30	15	0048	00	003	27	04	140			1	41	0																									
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	H ₂ S	Sol. method	Extra info.																																	
26	27	28	29	30	31	32		33	34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	ml/l	%	$\mu\text{g}/\text{l}$	$\mu\text{g}/\text{l}$	$\mu\text{g}/\text{l}$	77	78									
15	0000	1309	23777	1773	671			839	0.12	0.87		3	3																																
	0002	1313	23774	1772	673			846	0.12	0.89																																			
	0005	1356	24463	1818	579			839	0.16	0.74																																			
	0010	1296	27855	2092	128			792	0.95	1.53																																			
	0015	0904	29517	2286				777	1.70	1.76	1.1																																		
	0020	0562	30256	2388				773	4.55	6.53	24.7																																		
	0025	0520	30570	2418				768	4.85	7.51	30.0																																		
	0030	0477	30965	2452				768	5.77	10.56	55.5																																		
	0040	0459	31024	2459				764		12.04	58.0																																		
	0048	0472	31009	2457				763		12.88	60.3																																		
BT Slide Th 205/358/71												Observer: Engström																																	

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Byfjorden Inre

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0186	58	21	011	54	0	971	09	30	15	0015	00	002	27	04	140			14	1	0																									
Obs. time	Obs. depth	Temp.	Sal.	σ_t		Oxygen		pH	PO ₄ -P	Tot.P	Sal. method	Extra info.																																	
26	27	28	29	30	31	32	33		34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
15	0000	1278	22505	1682		669			834	0.29		3	3																																
	0002	1295	23452	1752		618			835	0.29																																			
	0005	1378	24818	1842		521			830	0.31																																			
	0010	1314	27544	2063		153			791	1.26																																			
BT Slide Th 206/358/71													N 58°20.6'		E 11°54.3'		Observer: Engström																												

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Fj. 48 Björningarna

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0187	58	16	011	49	0	971	10	01	07	0028	00	004	25	10	130			16	1	0																									
Obs. time	Obs. depth	Temp.	Sal.	σ_t		Oxygen		pH	PO ₄ -P	Tot.P	Sal. method	Extra info.																																	
26	27	28	29	30	31	32	33		34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
07	0000	1292	24190	1809		611			848	0.10		3	3																																
	0005	1308	24445	1826		609			851	0.09																																			
	0010	1400	25972	1926		533			842	0.14																																			
	0015	1378	29657	2214		221			809	0.84																																			
	0020	1306	31154	2342		224			807	1.26																																			
	0028	1130	31793	2425		144			787	1.99																																			
BT Slide Th 207/358/71													N 58°15.58'		E 11°49.24'		Observer: Bladh																												

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Fj. 49 a Dokorsviken

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0188	58	11	011	51	0	971	10	01	08	0026	00	013	18	08	133			2	8	1	0																								
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	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														
08	0000	1322	25225	1884	603				846	0.16	1.17	3	3																																
	0005	1328	25540	1906	578				845	0.22	1.07																																		
	0010	1337	25847	1929	555				844	0.28	0.73																																		
	0015	1399	28239	2100	385				827	0.70	0.99																																		
	0020	1334	30545	2291	219				810	1.17	1.43																																		
	0026	1320	30800	2313	204				805	1.25	1.46																																		
BT Slide Th 208/358/71 N 58°11' E 11°51.04' Observer: Bladh																																													

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Fj. 50 Halsanabbe

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0189	58	08	011	50	0	971	10	01	08	0042	00	042	23	08	130			2	8	1	0																								
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	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														
08	0000	1327	25034	1868	593				842	0.15	0.86	3	3																																
	0005	1332	25341	1890	564				840	0.23	0.98																																		
	0010	1335	25653	1913	559				840	0.29	0.81																																		
	0015	1367	28498	2128	379				825	0.75	1.05																																		
	0020	1369	29368	2193	323				820	0.99	1.19																																		
	0030	1369	29977	2240	284				815	1.11	1.40																																		
	0042	1366	30053	2246	272				812	1.19	1.54																																		
BT Slide Th 209/358/71 N 58°07.32' E 11°50.23' Observer: Bladh																																													

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Fj. 51 Askeröfjord

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0190	58	04	011	47	0	971	10	01	09	0024	00	012	23	08	130			28	1	0																									
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	Sol. method	Extra info.																																		
26	27	28	29	30	31	32						33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78												
09	0000	1300	23877	1785	625			843	0.10	0.77	3	3																																	
	0005	1296	23892	1786	620			845	0.13	0.74																																			
	0010	1307	24110	1800	613			844	0.17	0.56																																			
	0015	1354	27292	2036	450			832	0.68	0.95																																			
	0020	1359	28534	2131	385			825	0.85	1.13																																			
	0024	1370	29378	2193	336			819	1.04	1.22																																			
BT Slide Th 210/358/71												Observer: Bladh N 58°04.23' E 11°47.2'																																	

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Fj. 52 Hakefjord

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0191	57	59	011	46	0	971	10	01	10	0030	00	012	23	10	130			28	2	0																									
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	Sol. method	Extra info.																																		
26	27	28	29	30	31	32						33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78												
10	0000	1282	22408	1597	640			839	0.15	0.74	3	3																																	
	0005	1293	23006	1719	636			840	0.17	0.61																																			
	0010	1291	23273	1739	632			842	0.10	0.50																																			
	0015	1343	25296	1885	557			839	0.27	0.66																																			
	0020	1350	26866	2004	485			834	0.52	0.80																																			
	0030	1400	29975	2233	348			821	1.02	1.35																																			
BT Slide Th 211/358/71												N 57°59.38' E 11°45.7' Observer: Engström																																	

13 "Thetis"

1971

Station

77 Sweden

Fj. 53 Åstol

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice			
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb							
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64			
0192	57	55	011	36	0	971	10	01	11	0061	01	014	18	10	130				28	2	0		
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	Sal. method	Extra info.												
					ml/l	%																	
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63 64												77	78
11	0000	1306	22958	1711		637				840	0.20	0.61									3	3	
	0005	1309	23588	1760		628				840	0.20	0.55											
	0010	1311	24165	1804		621				840	0.18	0.49											
	0015	1346	24829	1848		601				839	0.20	0.48											
	0020	1404	26872	1994		532				836	0.36	0.60											
	0030	1406	32398	2419		413				830	0.73	0.95											
	0040	1383	32701	2446		436				832	0.66	0.89											
	0050	1361	32845	2462		453				833	0.65	0.95											
	0061	1353	32851	2464		448				832		0.66											
BT Slide Th 212/358/71 N 57°55.18' E 11°35.6' Observer: Engström																							

13 "Thetis"

1971

Station

77 Sweden

Fj. 55 Marstrandsfjord

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice			
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb							
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64			
0193	57	54	011	32	0	971	10	01	11	0036	00	014	18	10	130				28	2	0		
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	Sal. method	Extra info.												
					ml/l	%																	
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63 64												77	78
11	0000	1308	23928	1786		634				840	0.20	0.55									3	3	
	0005	1308	23929	1786		646				841	0.19	0.49											
	0010	1309	24043	1794		628				840	0.16	0.44											
	0015	1322	24573	1832		617				840	0.21	0.71											
	0020	1417	28064	2084		476				833	0.49	0.61											
	0030	1312	32996	2484		479				834	0.50	0.95											
	0036	1252	33070	2501		462				834	0.59												
BT Slide Th 213/358/71 Observer: Engström																							

13 "Thetis"
77 Sweden

1971

Station
S 1

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	°	'	''	°	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb						
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59	60	61	62	63	64			
0194	57	35	011	36	0	971	10	05	10	0044	00		99	02	090				12	9	0			
Obs. time	Obs. depth	Temp.			Sal.	σ_t			Oxygen		pH	Sal. method	Extra info.											
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63 64				77	78									
10	0000	1340	29413	2202	639																3	0		
	0005	1271	29674	2234	632																			
	0010	1305	30508	2293	615																			
	0015	1345	31812	2386	611																			
	0020	1342	32308	2424	616																			
	0030	1321	32640	2454	564																			
	0040	1176	33462	2547	441																			
BT Slide Th 214/358/71 Andreasson																								

13 "Thetis"
77 Sweden

1971

Station
K 7

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	°	'	''	°	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb						
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59	60	61	62	63	64			
0195	57	24	011	38	0	971	10	05	11	0052	00		00	02	108				1	21	0			
Obs. time	Obs. depth	Temp.			Sal.	σ_t			Oxygen		pH	Sal. method	Extra info.											
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63 64				77	78									
11	0000	1179	25085	1899	663																	3	0	
	0005	1250	27286	2056	646																			
	0010	1333	29621	2219	617																			
	0015	1365	31649	2370	597																			
	0020	1365	31870	2386	604																			
	0030	1321	32845	2471	549																			
	0040	1049	33851	2599	462																			
	0050	0944	34256	2649	462																			
BT Slide Th 215/358/71 Observer: Andreasson																								

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

K 7 a

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb					
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64	
0196	57	17	011	37	0	971	10	05	14	0071	01		99	02	105			12	0	0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Sal. method	Extra info.												
					ml/l	%															
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58 59 60	61 62 63 64	77	78										
14	0000	1294	24379	1825	663																
	0005	1299	24624	1842	661																
	0010	1340	25658	1913	632																
	0015	1330	26572	1985	636																
	0020	1393	29463	2195	583																
	0030	1184	33843	2575	503																
	0040	1101	34317	2627	531																
	0050	0905	34467	2672	472																
	0060	0886	34602	2685	474																
	0065	0840	34768	2705	478																
BT Slide Th 216/10863/71 N 57°16.5' E 11°36.7' Observer: Andreasson																					

13 "Thetis"

1971

Station

77 Sweden

K 8

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0197	57	19	011	52	0	971	10	12	10	0054	00		23	12	140								16	2	0			
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Sal. method	Extra info.																			
26	27	28	29	30	31	32				33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63
10	0000	1255	23632	1773	657																					3	0	
	0005	1262	26551	1998	622																							
	0010	1268	28638	2156	592																							
	0015	1285	30112	2266	574																							
	0020	1291	31380	2363	513																							
	0025	125	324																							4		
	0030	1315	33472	2520	442																					3		
	0035	110	335																							4		
	0040	1076	33656	2581	452																					3		
	0045	102	338																							4		
	0050	0989	34094	2628	451																					3		
	0055	097	342																							4		
BT Slide Th 217/358/71 N 57°18.8' E 11°51.7' Observer: Ackefors																												

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

K 20

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56
0198	56	36	012	24	0	971	10	13	11	0028	00		05	10	077						15	2	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH														Sal. method	Extra info.	
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42 43 44 45	58 59 60	61 62 63 64															77	78	
11	0000	1230	23684	1781	661																	3	0
	0005	1239	23741	1784	664																		
	0010	1284	28129	2114	629																		
	0015	1258	31914	2410	440																		
	0020	1161	33028	2517	383																		
	0025	112	331																			4	
	0028	109	332																				
BT Slide Th 222/358/71 N 56°36.3' E 12°24' Observer: Ackefors																							

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

K 22

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58 59
0199	56	20	011	06	0	971	10	14	09	0020	00		32	16	065							1	22	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH														Sal. method	Extra info.		
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42 43 44 45	58 59 60	61 62 63 64															77	78		
09	0000	1219	22391	1684	656																	3	0	
	0005	1219	22392	1684	663																			
	0010	1220	22397	1684	660																			
	0015	1261	29605	2232	412																			
BT Slide Th 226/358/71 N 56°19.9' E 11°06.4' Observer: Ackefors																								

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

K 12

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice	
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb					60
0200	57	10	011	38	0	971	10	15	10	0057	00		09	04	120			11	1	0	
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	Sal. method	Extra info.											
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45				58	59 60	61 62 63	64							
10	0000	1075	25090	1915	678															3	0
	0005	1117	26105	1988	672																
	0010	1277	31443	2370	621																
	0015	1278	32055	2418	577																
	0020	1272	32269	2435	555																
	0025	127	3266																		4
	0030	1277	32627	2462	583																3
	0035	126	3297																		4
	0040	1258	32740	2474	545																3
	0045	125	3303																		4
	0050	1183	33063	2515	498																3
	0055	110	340																		4
BT Slide Th 229/358/71 N 57°09.7' E 11°37.7' Observer: Claesson																					

13 "Thetis"

1971

Station

77 Sweden

S 1

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice					
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58 59	60	61	62
0201	57	34	011	31	0	971	10	19	08	0075	01		20	18									6	83	0		
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH															Sal. method	Extra info.			
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63	64															77	78
08	0000	1115	29477	2249	638															3	0						
	0005	1117	29485	2249	641																						
	0010	1162	30412	2312	629																						
	0015	1192	31714	2408	617																						
	0020	1197	32152	2441	612																						
	0030	1181	32383	2461	615																						
	0040	1186	32498	2470	615																						
	0050	1185	32576	2477	616																						
	0060	1209	33256	2524	603																						
	0070	1020	34530	2657	539																						
BT Slide Th 230/10863/71 N 57°33.9' E 11°31.2' Observer: Ackefors																											

13 "Thetis"

1971

Station

77 Sweden

Fj. 61 Åbyfjorden

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice							
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58 59	60	61	62	63	64
0202	58	22	011	23	0	971	11	02	13	0026	00	026 ^x	25	20	110								28	2	0				
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P															Sal. method	Extra info.			
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63	64															77	78		
13	0000	0986	28939	2228							835	0.08	0.67															3	3
	0005	0973	28937	2230	683																								
	0010	0979	28939	2229	686																								
	0015	0977	28946	2230	690																								
	0020	0963	29033	2238	693																								
	0026	0950	29285	2261	691																								
BT Slide Th 235/358/71 N 58°22.4' E 11°22.7' Observer: Lagergren																													

13 "Thetis"

1971

Station

77 Sweden

Fj. 62 Brofjorden

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0203	58	22	011	26	0	971	11	02	13	0026	00			25	20	110						28	2	0				
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Sal. method	Extra info.																
26	27	28	29	30	31	32	33		34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63
13	0000	0980	28737	2213	691			837	0.07	0.66		3	3															
	0005	0971	28735	2214	691			836	0.09	0.66																		
	0010	0978	28738	2214	695			836	0.09	0.68																		
	0015	0976	28748	2215	690			837	0.10	0.70																		
	0020	0970	28756	2216	694			836	0.10	0.88																		
	0026	0964	28795	2220	681			836	0.13	0.64																		
BT Slide Th 236/358/71													N 58°21.6' E 11°25.5' Observer: Lagergren															

13 "Thetis"

1971

Station

77 Sweden

Fj. 63 Malmö drag

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0204	58	19	011	22	0	971	11	02	14	0035	00	027	23	28	110							2	8	3	0			
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Sal. method	Extra info.																
26	27	28	29	30	31	32	33		34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63
14	0000	1003	29029	2232	690			836	0.09	0.61		3	3															
	0005	0999	29029	2233	691			836	0.10	0.60																		
	0010	0994	29029	2233	691			836	0.11	0.57																		
	0015	0999	29031	2233	690			836	0.12	0.74																		
	0020	0998	29038	2234	688			836	0.12	0.45																		
	0030	1031	30352	2330	640			835	0.20	0.58																		
BT Slide Th 237/358/71													N 58°19.1' E 11°21.7' Observer: Lagergren															

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Fj. 22 Saltkällefjord

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54				
0207	58	25	011	39	0	971	11	03	08	0065	01	032	23	24	100					0	02	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t		Oxygen		pH	PO ₄ -P	Tot.P										Sol. method	Extra info.	
						ml/l	%		μ gat/l	μ gat/l												
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63	64										77 78	
08	0000	0974	27972	2155		687			836	0.12	0.92									3	3	
	0005	0974	27958	2154		683			836	0.14	0.83											
	0010	0981	28558	2199		684			836	0.07	0.73											
	0015	0986	28624	2203		684			836	0.06	0.64											
	0020	0984	28665	2207		685			836	0.05	0.59											
	0030	0984	28726	2212		686			836	0.04	0.53											
	0040	1158	32697	2490		476			825	0.52	0.80											
	0050	1075	32915	2522		360			816	0.77	1.11											
	0060	0669	33624	2640		011			783	2.62	2.61											
BT Slide Th 240/358/71 N 58°25.2' E 11°39.3' Observer: Lagergren																						

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Ormestad

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54				
0208	58	22	011	39	0	971	11	03	09	0087	01	036	23	28	100					00	2	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t		Oxygen		pH	PO ₄ -P	Tot.P												
						ml/l	%		μ gat/l	μ gat/l												
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63	64										77 78	
09	0000	0984	28750	2213		679			830	0.05	0.55										3	3
	0005	0965	28751	2216		684			835	0.05	0.60											
	0010	0989	28749	2213		684			836	0.07	0.68											
	0015	0989	28754	2213		680			836	0.04	0.68											
	0020	0988	28761	2214		706			837	0.08	0.51											
	0030	0999	28872	2220		679			837	0.08	0.51											
	0040	1155	32739	2494		521			828	0.39	0.72											
	0050	1106	32937	2519		525			827	0.40	0.72											
	0060	0550	34272	2705		395			809	1.46	1.62											
	0070	0526	34394	2718		365			805	1.68	1.86											
	0080	0514	34409	2721		342			802	1.80	2.01											
BT Slide Th 241/302/71 N 58°21.6' E 11°39.3' Observer: Bladh																						

13 "Thetis"

1971

Station

77 Sweden

Fj. 26 Alsbäck

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Lee			
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb							
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59	60	61	62	63	64		
0209	58	19	011	33	0	971	11	03	10	0118	01	030	23	22	095			1	22	0			
Obs. time	Obs. depth	Temp.	Sol.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	Sol. method	Extra info.												
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42						43 44 45	58	59 60	61 62 63 64	77	78						
10	0000	0991	28788	2215	685			832	0.07	0.61											3	3	
	0005	0989	28787	2215	687			837	0.08	0.59													
	0010	0992	28816	2217	686			837	0.08	0.52													
	0015	0991	28882	2222	685			837	0.10	0.57													
	0020	0995	28900	2223	686			837	0.10	0.62													
	0030	1025	29282	2248	662			835	0.14	0.56													
	0040	1155	32735	2494	552			831	0.37	0.64													
	0050	1089	32979	2525	513			828	0.47	0.61													
	0060	0537	34276	2708	367			809	1.69	1.88													
	0070	0537	34386	2717	376			800	1.76	1.98													
	0080	0522	34412	2719	382			805	1.71	1.91													
	0090	0525	34427	2721	372			804	1.78	1.94													
	0100	0523	34450	2723	348			801	1.98	2.19													
	0110	0512	34458	2725	334			797	2.37	2.55													
BT Slide Th 242/302/71 N 58°19.17' E 11°32.6' Observer: Bladh																							

13 "Thetis"

1971

Station

77 Sweden

Fj. 42 Koljöfjord

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	°	'	''	°	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	58	59				
0210	58	14	011	35	0	971	11	03	11	0042	00	017	25	28	100							0	02	0
Obs. time	Obs. depth	Temp.			Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	H ₂ S	Sal. method	Extra info.										
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58		59 60	61	62 63			64	77	78							
11	0000	0988	25969	1997	641	820	0.50	1.13				3	3											
	0005	0987	25970	1997	639	823	0.50	1.07																
	0010	0990	25975	1998	643	823	0.50	1.06																
	0015	0987	25988	1999	641	823	0.53	1.05																
	0020	0798	28016	2185	105	775	3.18	3.79																
	0025	0525	28962	2289		761	5.01	6.15	25.7															
	0030	0494	29033	2298		759	4.83	5.42	23.7															
	0035	0472	29060	2302		757	4.92	6.03	26.7															
	0042	0481	29057	2302		757	4.96	6.29	24.7															
BT Slide Th 243/358/71														N 58°13.83' E			11°34.8'		Observer: Lagergren					

13 "Thetis"

1971

Station

77 Sweden

Fj. 43 Borgilafjord

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	°	'	''	°	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	58	59				
0211	58	15	011	38	0	971	11	03	12	0060	01	017	25	28	100							0	0	20
Obs. time	Obs. depth	Temp.			Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	H ₂ S	Sal. method	Extra info.										
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58		59 60	61	62 63			64	77	78							
12	0000	1001	25896	1989	642	820	0.41	1.06				3	3											
	0005	0998	25893	1990	641	826	0.40	1.04																
	0010	1003	25895	1989	635	826	0.40	1.03																
	0015	1004	25894	1989	636	826	0.39	1.06																
	0020	0848	27763	2158	183	783	2.35	2.85																
	0030	0496	29021	2297		762	4.94	5.62	15.6															
	0040	0484	29057	2301		759	5.01	5.64	15.2															
	0050	0471	29060	2302		758	5.02	5.77	17.0															
	0060	0480	29068	2302		757	5.10	5.81	19.3															
BT Slide Th 244/358/71														N 58°15.2' E			11°37.75'		Observer: Bladh					

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Fj 44 Kalvöfjorden

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0212	58	17	011	41	0	971	11	03	13	0060	01	015	25	22	100			0	0	2	0																								
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	H ₂ S	Sal. method	Extra info.																																	
26	27	28	29	30	31	32		33	34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
13	0000	0989	25683	1975		668		825	0.19	0.88		3	3																																
	0005	0989	25695	1976		666		830	0.22	0.82																																			
	0010	0993	25719	1977		658		830	0.21	0.85																																			
	0015	1001	25914	1991		637		829	0.25																																				
	0020	1010	27570	2118		368		804	1.50	1.84																																			
	0030	0483	29047	2301				763	4.83	5.19	9.9																																		
	0040	0472	29064	2302				759	4.92	4.15	9.7																																		
	0050	0477	29105	2306				755	5.12	5.44	15.9																																		
	0060	0448	29128	2310							36.5																																		
BT Slide Th 245/358/71													N 58°17.07' E 11°40.8' Observer: Lagergren																																

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Fj 46 Havstensfjord

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0213	58	19	011	46	0	971	11	03	14	0043	00	011	25	22	100			0	0	2	0																								
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Sal. method	Extra info.																																		
26	27	28	29	30	31	32		33	34			35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
14	0000	1000	25736	1977		678		827	0.19	0.69		3	3																																
	0002	1004	25743	1977		676		831	0.16	0.71																																			
	0005	0998	25743	1977		675		831	0.16	0.77																																			
	0010	1000	25795	1982		666		831	0.20	0.73																																			
	0015	1237	28742	2170		263		800	1.08	1.40																																			
	0020	1205	30283	2294		113		784	1.54	1.72																																			
	0030	0657	32429	2548		011		773	3.93	3.99																																			
	0043	0560	32867	2594		026		774	14.50	13.80																																			
BT Slide Th 246/358/71													N 58°18.75' E 11°46.4' Observer: Lagergren																																

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Fj. 47 Byfjorden

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10 11 12	13 14 15 16 17 18	19 20 21 22 23 24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64					
0214	58	20	011	53	0	971	11	03	14	0048	00		25	20	100			1	12	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	H ₂ S	Sol. method	Extra info.								
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58	59 60			61 62 63 64	77	78					
14	0000	0982	23245	1786	681		818	0.24	0.97			3	3							
	0002	0983	23233	1785	685		824	0.29	0.95											
	0005	0982	23387	1797	681		826	0.28	0.97											
	0010	1007	25171	1932	638		827	0.26	0.83											
	0015	1017	28080	2156	158		787	1.15	1.75											
	0020	0605	30139	2373			768	6.21	5.98	32.5										
	0025	0539	30473	2407			765	7.45	6.76	43.5										
	0030	0490	30831	2441			761	9.44	9.44	54.5										
	0035	0486	30944	2450			760	10.40	10.19	57.5										
	0040	0478	30994	2454			758	6.96	10.78	56.0										
	0045	0464	31017	2458			757	4.50	11.19	57.0										
BT Slide Th 247/358/71 Observer: Bladh																				

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Inre Byfjorden

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb					
5 6 7 8	9 10 11 12	13 14 15 16 17 18	19 20 21 22 23 24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64						
0215	58	21	011	54	0	971	11	03	16	0012	00	000	25	20	100			1	2	2	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Sol. method	Extra info.										
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58			59 60	61 62 63 64	77	78						
16	0000	0927	15326	1179	704		804	0.86	1.78			3	3								
	0002	0978	19844	1522	643		811	0.76	1.50												
	0005	0996	23388	1796	658		821	0.45	1.01												
	0010	1018	24617	1888	625		824	0.41	0.92												
BT Slide Th 248/358/71 N 58°20.6' E 11°54.3' Observer: Bladh																					

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Fj. 50 Halsanabbe

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0218	58	08	011	50	0	971	11	04	08	0041	00	000	20	06	090			68	1	0																									
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	Sal. method	Extra info.																																		
26	27	28	29	30	31	32						33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64														
08	0000	0948	25301	1951	638		828	0.23	0.91	3	3																																		
	0005	0964	26027	2006	628		828	0.21	0.75																																				
	0010	0988	26854	2067	572		828	0.29	0.88																																				
	0015	1005	27109	2083	688		828	0.32	0.82																																				
	0020	1054	28330	2169	671		824	0.48	0.92																																				
	0030	1068	28927	2214	546		824	0.61	1.20																																				
	0041	1053	28734	2200	550		822	0.62	1.22																																				
BT Slide Th 251/358/71 N 58°07.82' E 11°50.23' Observer: Bladh																																													

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Fj. 53 Askeröfjorden

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0219	58	04	011	47	0	971	11	04	09	0025	00	000	20	08	090			68	1	0																									
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	Sal. method	Extra info.																																		
26	27	28	29	30	31	32						33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64														
09	0000	0938	24850	1917	696		830	0.23	0.68	3	3																																		
	0005	0935	24970	1927	696		830	0.15	0.66																																				
	0010	0952	25482	1964	684		829	0.19	0.65																																				
	0015	0978	26504	2040	652		828	0.28	0.73																																				
	0020	0994	26805	2061	642		828	0.29	0.76																																				
	0025	1010	27667	2126	604		826	0.43	0.98																																				
BT Slide Th 252/358/71 N 58°04.23' E 11°47.2' Observer: Bladh																																													

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

P 2

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56
0224	57	52	011	18	0	971	11	09	12	0095	01	000	34	20	030					1	43	0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t			Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	Sal. method	Extra info.										
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58 59 60						61 62 63 64	77 78								
12	0000	0923	26118	2019			690		837	0.21	0.66		3	3									
	0005	1017	29819	2292			651		836	0.22	0.58												
	0010	1088	33543	2569			619		835	0.24	0.65												
	0015	1083	33553	2570			632		836	0.24	0.69												
	0020	1083	33557	2571			621		836	0.22	0.57												
	0030	1088	33575	2572			641		836	0.22	0.61												
	0040	1091	33582	2572			624		835	0.30	0.58												
	0050	1091	33622	2575			623		830	0.20	0.58												
	0075	1109	33861	2590			616		832	0.20	0.58												
	0090	1058	34689	2663			567		831	0.33	0.73												

BT Slide Th 257/302/71 Observer: Engström

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

P 3

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56
0225	57	50	011	04	0	971	11	09	13	0048	00	048	02	20	035					1	24	0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t			Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	Sal. method	Extra info.										
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58 59 60						61 62 63 64	77 78								
13	0000	1057	33383	2562			623		830		0.91		3	3									
	0005	1058	33422	2564			612		833	0.34	0.80												
	0010	1063	33413	2563			618		834	0.31	0.81												
	0015	1063	33428	2565			622		834	0.29	0.82												
	0020	1059	33429	2566			650		834	0.26	0.82												
	0030	1083	33625	2577			615		835	0.26	0.73												
	0040	1085	33708	2583			618		835	0.28	0.91												
	0045	1081	33703	2582			617		836	0.23	0.75												

Th 258/358/71 Observer: Allersand

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

P 4

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0226	57	48	010	52	0	971	11	09	14	0060	00	023	36	32	020			1	25	0																									
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	S ₁₀₂	Sal. method	Extra info.																																	
26	27	28	29	30	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	1048	33343	2560	631			835	0.31	0.81		3	3																																
	0005	1048	33388	2564	630			835	0.32	0.78																																			
	0010	1050	33347	2561	635			835	0.30	0.81																																			
	0015	1041	33351	2562	622			835	0.26	0.79																																			
	0020	1048	33445	2569	626			835	0.24	0.79																																			
	0030	1113	34258	2620	616			835	0.21	0.69																																			
	0040	1113	34276	2622	621			835	0.21	0.65																																			
	0050	1109	34310	2625	619			835	0.18	0.76																																			
BT Slide Th 259/358/71													Observer: Allersand																																

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

E Fredrikshamn

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0227	57	26	010	43	0	971	11	20	08	0025	00	000	23	14	040			13	2	0																									
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	S ₁₀₂	Sal. method	Extra info.																																	
26	27	28	29	30	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	1019	32715	2517	630			825	0.32	0.79	4.5	3	3																																
	0005	1010	32699	2516	627			832	0.34	0.77	5.0																																		
	0010	1014	32714	2517	631			832	0.33	0.77	5.5																																		
	0015	1022	32747	2518	633			832	0.36	0.81	4.5																																		
	0020	1028	32830	2524	624			832	0.36	0.84	4.5																																		
	0025	1028	32809	2522	635			832	0.38	0.82	4.5																																		
BT Slide Th 260/358/71													N 57°26' E 10°42.5' Observer: Allersand																																

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

W Anholt

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0230	56	39	011	19	0	971	11		14	0019	00	011	27	10	060			12	2	0																									
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P μgat/l	Tot.P μgat/l	SiO ₂ μgat/l	Sat. method	Extra info.																																	
26	27	28	29	30	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	0926	25749	1989	705			834	0.16	0.67	2.5	3	3																																
	0005	0927	25741	1988	691			833	0.16	0.73	2.0																																		
	0010	0929	25758	1989	718			834	0.20	0.70	1.5																																		
	0015	0994	26267	2020	644			830	0.22	0.66	2.5																																		
	0019	1137	30938	2359	450			818	0.62	0.94	14.0																																		
BT Slide Th 263/358/71												N 56°39'		E 11°18.5'		Observer: Allersand																													

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Grenå I

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0231	56	25	011	07	0	971	11	10	16	0017	00	013	23	08	060			1	12	0																									
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P μgat/l	Tot.P μgat/l	SiO ₂ μgat/l	Sat. method	Extra info.																																	
26	27	28	29	30	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	0949	26003	2005	686			832	0.20	0.77	3.0	3	3																																
	0005	0951	25998	2005	672			833	0.23	0.69	2.0																																		
	0010	0952	26035	2009	674			833	0.16	0.66	2.0																																		
	0015	0992	26610	2047	627			830	0.26	0.72	4.5																																		
	0017	0992	26658	2050	627			828	0.31	0.70	5.0																																		
BT Slide Th 264/358/71												N 56°24.5'		E 11°06.5'		Observer: Allersand																													

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Kattegatt SW

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice			
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55
0232	56	07	011	10	0	971	11	11	09	0045	00	017	23	24	050								1	23	0
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	SIO ₂	Sal. method	Extra info.												
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45		58	59 60	61 62 63			64	77	78									
09	0000	0933	25820	1994	670				816	0.32	0.79	5.5	3	3											
	0005	0938	25835	1995	671				823	0.37	0.83	5.0													
	0010	0933	25825	1995	668				824	0.29	0.81	5.5													
	0015	0932	25838	1996	665				826	0.26	0.76	6.0													
	0020	0980	26585	2047	608				822	0.40	0.81	8.5													
	0030	1044	27920	2140	516				817	0.57	0.95	14.0													
	0040	1060	28398	2174	489				815	0.67	1.15	16.0													
BT Slide Th 265/358/71														Observer: Allersand											

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

NW Sejerø

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice			
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55
0233	55	60	011	02	0	971	11	11	10	0042	00	000	23	30	050								1	63	0
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	SIO ₂	Sal. method	Extra info.												
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45		58	59 60	61 62 63			64	77	78									
10	0000	0946	25732	1985	669				822	0.35	0.81	7.0	3	3											
	0005	0933	25734	1987	669				822	0.41	0.81	6.5													
	0010	0937	25756	1989	670				823	0.37	0.81	6.5													
	0015	0941	25783	1989	663				822	0.38	0.84	6.5													
	0020	0942	25907	1999	658				822	0.34	0.82	7.0													
	0030	1019	27242	2091	571				820	0.52	0.92	11.5													
	0042	1078	29018	2219	435				803	0.79	1.12	20.5													
BT Slide Th 266/358/71														N 55°59.5' E 11°01.5' Observer: Allersand											

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

E Samsö

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0234	55	49	010	50	0	971	11	11	12	0041	00	000	23	34	050				1	63	0																								
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P μgat/l	Tot.P μgat/l	SiO ₂ μgat/l	Sol. method	Extra info.																																	
26	27	28	29	30	31	32							33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64													
12	0000	0931	24839	1918	681			824	0.41	0.86	7.5	3	3																																
	0005	0927	24830	1918	680			825	0.37	1.23	6.5																																		
	0010	0920	24835	1919	675			825	0.38	0.86	6.5																																		
	0015	0929	24874	1920	670			824	0.37	0.85	7.0																																		
	0020	0934	24890	1921	669			823	0.38	0.84	7.0																																		
	0030	0968	25632	1974	636			829	0.39	0.84	8.0																																		
	0041	1056	28236	2162	486			812	0.70	1.06	18.2																																		
BT Slide Th 267/358/71													N 55°48.5'		E 10°50'		Observer: Allersand																												

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Kalundborg

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0235	55	39	010	47	0	971	11	11	13	0034	00	028	27	24	050				1	53	0																								
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P μgat/l	Tot.P μgat/l	SiO ₂ μgat/l	Sol. method	Extra info.																																	
26	27	28	29	30	31	32							33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64													
13	0000	0939	24661	1902	699			825	0.39	0.84	7.5	3	3																																
	0005	0935	24658	1903	676			825	0.36	0.78	6.0																																		
	0010	0931	24658	1903	685			826	0.37	0.83	6.5																																		
	0015	0935	24658	1903	686			825	0.39	0.88	6.0																																		
	0020	0932	24656	1903	688			826	0.36	0.83	6.0																																		
	0030	0949	24836	1915	665			823	0.41	0.86	7.0																																		
	0034	0945	24879	1919	661			823	0.43	0.86	7.5																																		
BT Slide Th 268/358/71													N 55°38.5'		E 10°47'		Observer: Allersand																												

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Romsö boj

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
0236	55	30	010	52	0	971	11	11	14	0033	00	000	23	20	050			1	53	0
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	SiO ₂	Sol. method	Extra info.							
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45		58	59 60	61 62 63			64	77	78				
14	0000	0934	24415	1884	689			824	0.44	0.81	7.0	3	3							
	0005	0930	24421	1885	686			825	0.42	0.84	7.0									
	0010	0927	24416	1885	685			825	0.41	0.87	7.0									
	0015	0931	24409	1884	687			825	0.41	0.85	6.5									
	0020	0926	24412	1885	682			825	0.41	0.88	6.5									
	0030	0923	24411	1885	682			825	0.45	0.86	6.5									
	0033	0917	24410	1886	684			824	0.40	0.82	7.0									
BT Slide Th 269/358/71														Observer: Allersand						

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

SE Hesselö

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
0237	56	10	011	49	0	971	11	12	10	0033	00	012	05	14	050			0	03	0
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	SiO ₂	Sol. method	Extra info.							
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45		58	59 60	61 62 63			64	77	78				
10	0000	0906	25543	1975	701			826	0.20	0.70	1.5	3	3							
	0005	0904	25553	1977	697			827	0.15	0.65	1.5									
	0010	0895	25562	1979	697			828	0.18	0.63	1.5									
	0015	0937	26067	2013	686			827	0.17	0.62	2.0									
	0020	1124	30825	2352	440			810	0.71	1.04	17.5									
	0030	1124	30956	2362	428			809	0.75	1.07	18.5									
	0033	1120	30911	2359	426			802	0.79	1.09	18.5									
BT Slide Th 270/358/71														N 56°10' E 11°48.5' Observer: Allersand						

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Öresund 7

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
	5	6	7	8		9	10	11					12	13	14	15					16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0240	55	46	012	48	0	971	11	15	08	0017	00	008	27	30	090			1	63	0																									
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	SiO ₂ µgat/l	Sel. method	Extra info.																																	
26	27	28	29	30	31	32							33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64													
08	0000	0801	12215	0950	796			824	0.45	0.75	13.0	3	3																																
	0005	0806	12281	0954	768			823	0.43	0.75	12.0																																		
	0010	0911	21136	1632	641			818	0.85	1.20	9.5																																		
	0015	0961	23863	1837	607			819	0.85	1.14	9.5																																		
	0017	0960	23961	1845	588			818	0.89	1.16	10.5																																		
BT Slide Th 273/358/71 N 55°46.2' E 12°47.8' Observer: Bladh																																													

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Öresund 6

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
	5	6	7	8		9	10	11					12	13	14	15					16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0241	55	45	012	53	0	971	11	15	09	0023	00	009	27	30	090			16	3	0																									
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	Sel. method	Extra info.																																		
26	27	28	29	30	31	32						33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64														
09	0000	0798	11586	0901	771			825	0.36	0.75																																			
	0005	0793	11572	0900	781			823	0.36	0.70																																			
	0010	0946	22133	1704	640			818	1.04	1.30																																			
	0015	0974	23712	1823	601			819	0.94	1.91																																			
	0020	0985	24398	1875	588			819	1.06	1.37																																			
	0023	0973	24267	1867	584			819	1.14	1.69																																			
BT Slide Th 274/358/71 N 55°45.3' E 12°52.7' Observer: Bladh																																													

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Öresund 5

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0242	55	44	012	55	0	971	11	15	09	0018	00	009	27	24	090			16		0																									
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	SIO ₂ µgat/l	Sal. method	Extra info.																																	
26	27	28	29	30	31	32							33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78											
09	0000	0796	11331	0881	786			825	0.41	0.69		3	3																																
	0005	0799	11395	0886	759			824	0.38	0.76																																			
	0010	0967	22980	1768	614			817	0.96	1.23																																			
	0015	0985	24190	1859	574			818	1.05	1.33																																			
	0018	0970			591			818	1.06	1.32																																			
BT Slide Th 275/358/71 N 55°43.9' E 12°55' Observer: Engström																																													

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Öresund 4

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0243	55	39	012	57	0	971	11	15	10	0015	00	009	27	22	090			16		0																									
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	SIO ₂ µgat/l	Sal. method	Extra info.																																	
26	27	28	29	30	31	32							33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78											
10	0000	0794	10946	0851	783			824	0.33	0.62	12.0	3	3																																
	0005	0792	10953	0851	772			824	0.33	0.65	11.0																																		
	0010	0840	13762	1067	726			821	0.57	0.87	12.5																																		
	0015	0902	19134	1477	627			819	0.91	1.35	13.5																																		
BT Slide Th 276/358/71 N 55°38.8' E 12°57.3' Observer: Allersand																																													

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Öresund 1

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0246	55	35	012	42	0	971	11	15	12	0008	00	000	27	18	090			2	83	0																									
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	Sal. method	Extra info.																																	
26	27	28	29	30	31	32	33						34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78												
12	0000	0814	15749	1224	709				817	0.87	1.23	3	3																																
	0002	0810	15754	1224	719				818	0.84	1.14																																		
	0005	0806	15758	1225	717				818	0.80	1.22																																		
	0008	0802	15736	1224	708				816	0.78	1.25																																		
BT Slide Th 279/358/71													N 55°35.3'		E 12°42.1'		Observer: Bladh																												

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Öresund 10

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0247	55	54	012	38	0	971	11	15	14	0015	00	006	27	30	090			2	83	0																									
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	SiO ₂ µgat/l	Sal. method	Extra info.																																
26	27	28	29	30	31	32	33							34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78											
14	0000	0808	13688	1065	759				825	0.60	0.96	13.0	33																																
	0005	0809	13666	1079	755				823	0.56	0.86	12.5																																	
	0010	0917	23400	1817	639				823	0.58	0.97	8.0																																	
	0015	0942	25848	1995	593				820	0.58		8.5																																	
BT Slide Th 280/358/71													N 55°54'		E 12°38.2'		Observer: Bladh																												

13 "Thetis"

1971

Station

77 Sweden

Kullen

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0250	56	15	012	25	0	971	11	18	09	0023	00	008	05	20	020			28	2	0																									
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	SiO ₂	Sol. method	Extra info.																																	
26	27	28	29	30	31	32		33	34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
09	0000	0828	26319	2047	694			832	0.34	0.88	3.0	3	3																																
	0005	0828	26331	2048	688			832	0.30	0.89	3.0																																		
	0010	0849	26476	2057	683			832	0.31	0.80	2.5																																		
	0015	0854	26564	2063	690			832	0.30	0.85	2.5																																		
	0020	0849	26580	2065	684			832	0.28	0.79	2.5																																		
	0023	0853	26581	2064	687			830	0.28	0.78	2.5																																		
BT Slide Th 283/358/71													Observer: Allersand																																

13 "Thetis"

1971

Station

77 Sweden

Stora Middgrund

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0251	56	30	012	13	0	971	11	18	11	0044	00	013	05	16	020			2	7	3	0																								
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	SiO ₂	Sol. method	Extra info.																																	
26	27	28	29	30	31	32		33	34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
11	0000	0828	25681	1998	700			833	0.27			3	3																																
	0005	0831	25673	1996	703			833	0.22	0.61																																			
	0010	0830	25690	1998	696			833	0.29	0.65																																			
	0015	0859	26357	2046	689			832	0.26	0.66																																			
	0020	0893	26895	2084	665			832	0.29	0.67																																			
	0030	1129	31711	2419	466			821	0.65	0.99																																			
	0040	1132	31927	2436	433			819	0.81	1.23																																			
BT Slide Th 284/358/71													Observer: Allersand																																

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Boj E Anholt

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	55	56					57	58
0254	56	46	011	57	0	971	11	18	15	0044	00	015	05	20	X	005						11	3	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	SiO ₂	Sol. method	Extra info.												
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58				59 60	61 62 63	64	77	78							
15	0000	0860	28789	2235	673			833	0.28	0.62		3	3											
	0005	0868	28819	2237	673			833	0.25	0.54														
	0010	0878	29102	2257	676			833	0.26	0.64														
	0015	0897	29379	2276	663			832	0.28	0.58														
	0020	0916	29483	2281	662			832	0.30	0.61														
	0030	1070	31355	2402	543			827	0.50	0.78														
	0040	1121	32276	2464	507			825	0.64	0.86														
	0044	1092	32242	2466	510			825	0.64	0.92														
BT Slide Th 287/358/71													Observer: Allersand											

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

W Falkenberg

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	55	56					57	58
0255	56	53	012	04	0	971	11	18	16	0041	00	005	05	20	X	010						1	13	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	SiO ₂	Sol. method	Extra info.												
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58				59 60	61 62 63	64	77	78							
16	0000	0784	26079	2034	705			834	0.20	0.59	5.5	3	3											
	0005	0783	26075	2034	714			834	0.25	0.68	3.5													
	0010	0818	26559	2068	697			834	0.28	0.63	3.0													
	0015	0877	27732	2150	677			833	0.26	0.61	3.0													
	0020	0920	28875	2233	655			833	0.28	0.58	3.5													
	0030	1081	31348	2400	536			826	0.53	0.82	10.5													
	0041	1092	31973	2446	509			825	0.65	0.96	11.5													
BT Slide Th 288/358/71													N 56°52.5' E 12°03.5' Observer: Allersand											

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

W Hallands Svartskär

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0260	57	22	011	42	0	971	11	18	22	0046	00	006	05	24	025			0	03	0																									
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	SiO ₂ 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											
22	0000	0780	28601	2232	717			837	0.14	0.62		33																																	
	0005	0783	28606	2232	713			837	0.17	0.63																																			
	0010	0939	31513	2435	666			835	0.20	0.63																																			
	0015	0984	32183	2480	647			835	0.23	0.52																																			
	0020	0994	32375	2494	643			834	0.25	0.70																																			
	0030	1004	32609	2510	652			834	0.25	0.57																																			
	0040	1011	32971	2538	640			834	0.24	0.63																																			
	0046	1000	32986	2541	638			835	0.33	0.68																																			
BT Slide Th 293/358/71													Observer: Bladh																																

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Läsö

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0261	57	30	011	06	0	971	11	19	01	0037	00	014	05	12	015			1	13	0																									
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	SiO ₂ 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											
01	0000	0939	33546	2595	659			836	0.30	0.57	5.0	33																																	
	0005	0936	33553	2595	657			836	0.26	0.60	4.5																																		
	0010	0935	33557	2596	663			836	0.26	0.76	4.5																																		
	0015	0995	33725	2599	650			836	0.29	0.64	4.5																																		
	0020	1018	33860	2607	642			836	0.25	0.57	4.5																																		
	0030	1019	33892	2609	641			838	0.28	0.56	4.5																																		
	0037	1000	33911	2613	645			836	0.29	0.56	4.5																																		
BT Slide Th 294/358/71													Observer: Bladh																																

13 "Phetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Djupa rännan

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 : 57	58 59 : 60	61	62	63	64
0262	57	33	011	31	0	971	11	19	02	0078	01	008	36	16	030			0	03	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	SiO ₂ µgat/l	Sol. method	Extra info.								
					ml/l	%														
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63	64	77	78							
02	0000	0767	28868	2254	688			833	0.29	0.58	5.0	33								
	0005	0769	28874	2254	694			835	0.27	0.61	4.0									
	0010	0863	30237	2348	682			835	0.27	0.61	4.0									
	0015	0992	32673	2517	641			835	0.29	0.61	4.5									
	0020	0997	33369	2571	649			835	0.27	0.60	5.0									
	0030	1013	33721	2596	667			835	0.30	0.55	4.5									
	0040	1006	33849	2607	647			835	0.32		4.5									
	0050	1020	33883	2607	639			836	0.30	0.52	4.5									
	0060	1038	33996	2613	629			834	0.36	0.57	5.5									
	0070	1034	34159	2626	643			835	0.35	0.63	5.0									
	0078	1021	34168	2629	642			835	0.32	0.66	5.0									
BT Slide Th 295/302/71												Observer: Allersand								

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Trubaduren

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0263	57	35	011	37	0	971	11	19	03	0048	00	007	36	16	03	0	0	0	0	0	0	0	0	0	30			
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	SiO ₂ µgat/l	Sol. method	Extra info.															
26	27	28	29	30	31	32	33							34	35	36	37	38	39	40	41	42	43	44	45	58	59	60
03	0000	0769	28586	2232	688				835	0.35	0.67	5.0	33															
	0005	0775	28624	2233	689				835	0.35	0.68	5.0																
	0010	0832	29508	2295	674				836	0.32	0.66	4.0																
	0015	0940	31490	2434	661				834	0.30	0.69	4.0																
	0020	0996	33182	2556	653				835	0.32	0.62	4.5																
	0030	1036	33760	2595	635				834	0.32	0.58	5.0																
	0040	1062	33936	2605	631				834	0.35	0.62	5.5																
	0048	1051	33987	2610	606				834	0.37	0.65	6.0																
BT Slide Th 296/358/71 N 57°35' E 11°36.5' Observer: Engström																												

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

S Buskär

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0264	57	37	011	41	0	971	11	19	05	0029	00	004	36	12	03	5										0		
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	Sol. method	Extra info.																
26	27	28	29	30	31	32	33						34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61
05	0000	0679	25686	2016	730				835	0.36	0.78	33																
	0005	0716	26391	2067	709				835	0.39	0.78																	
	0010	0989	32473	2502	650				835	0.31	0.64																	
	0015	1007	33169	2554	636				835	0.27																		
	0020	1015	33301	2562	632				835	0.33	0.64																	
	0029	1017	33494	2577	623				835	0.34	0.66																	
BT Slide Th 297/358/71 N 57°37' E 11°40.5' Observer: Allersand																												

