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Ödsmål. Kville sn, Bohuslän

Hällristning
Fiskare från
bronsåldern

Rock carving
Bronze age
fishermen



**MEDDELANDE från
HAVSFISKELABORATORIET • LYSEKIL**

nr
116

Hydrografiska avdelningen, Göteborg

Hydrographical Data

January - June 1971

R.V. Skagerak

R.V. Thetis

and

TV 252

February 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
 58-60. Temperature. Wet bulb) and wet bulb thermometer respectively. Negative temperatures will be
 indicated by means of an overpunch 11 in the columns 55 and 58
 respectively. The case of ice on the wet bulb will not be indicated.

61. Weather. According to the following code:

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

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

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

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

63. State of Sea.

Code figure	Descriptive terms	Height \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.

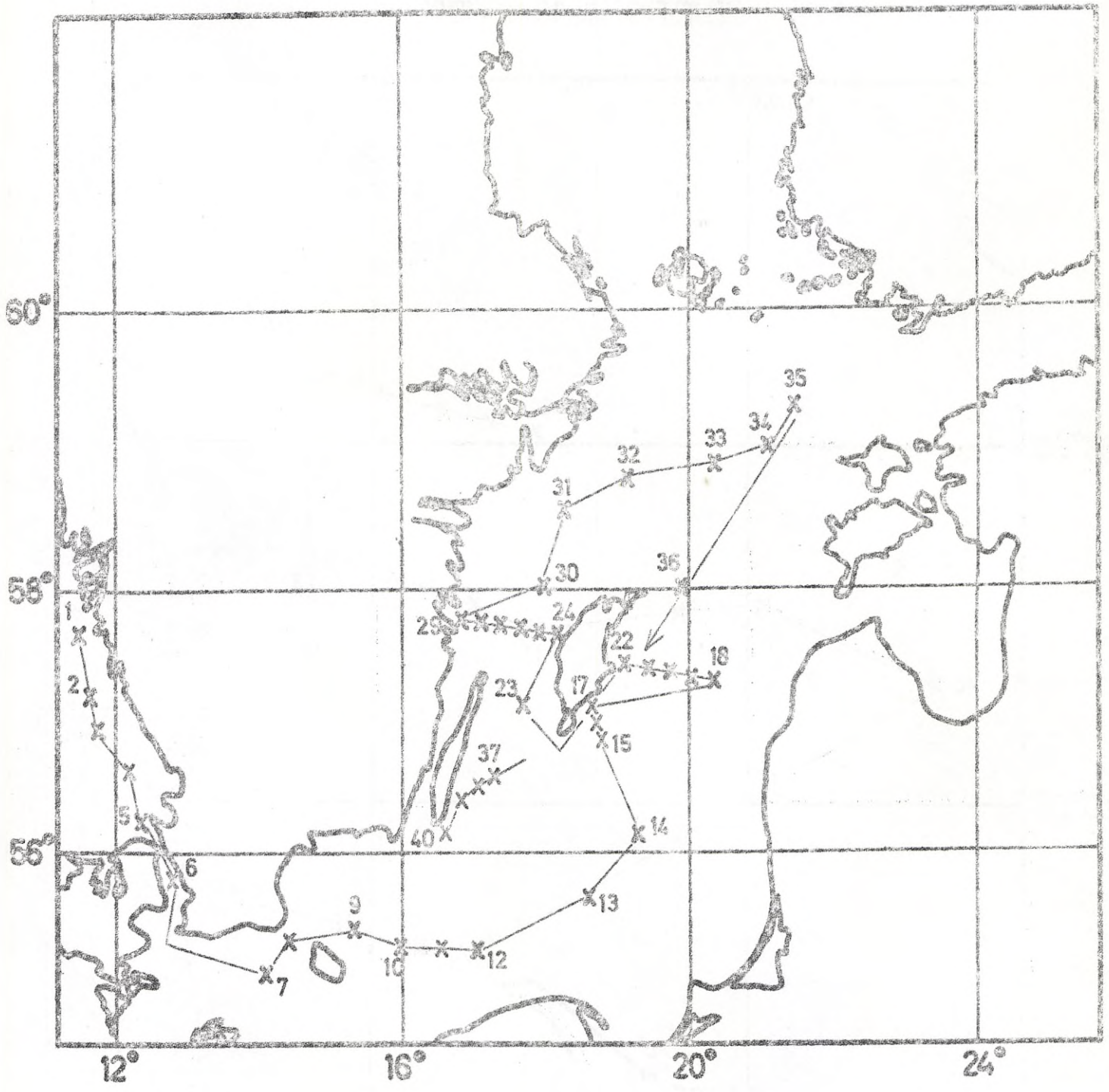
77. Method used for determination of salinity, according to the following codes:

- 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.

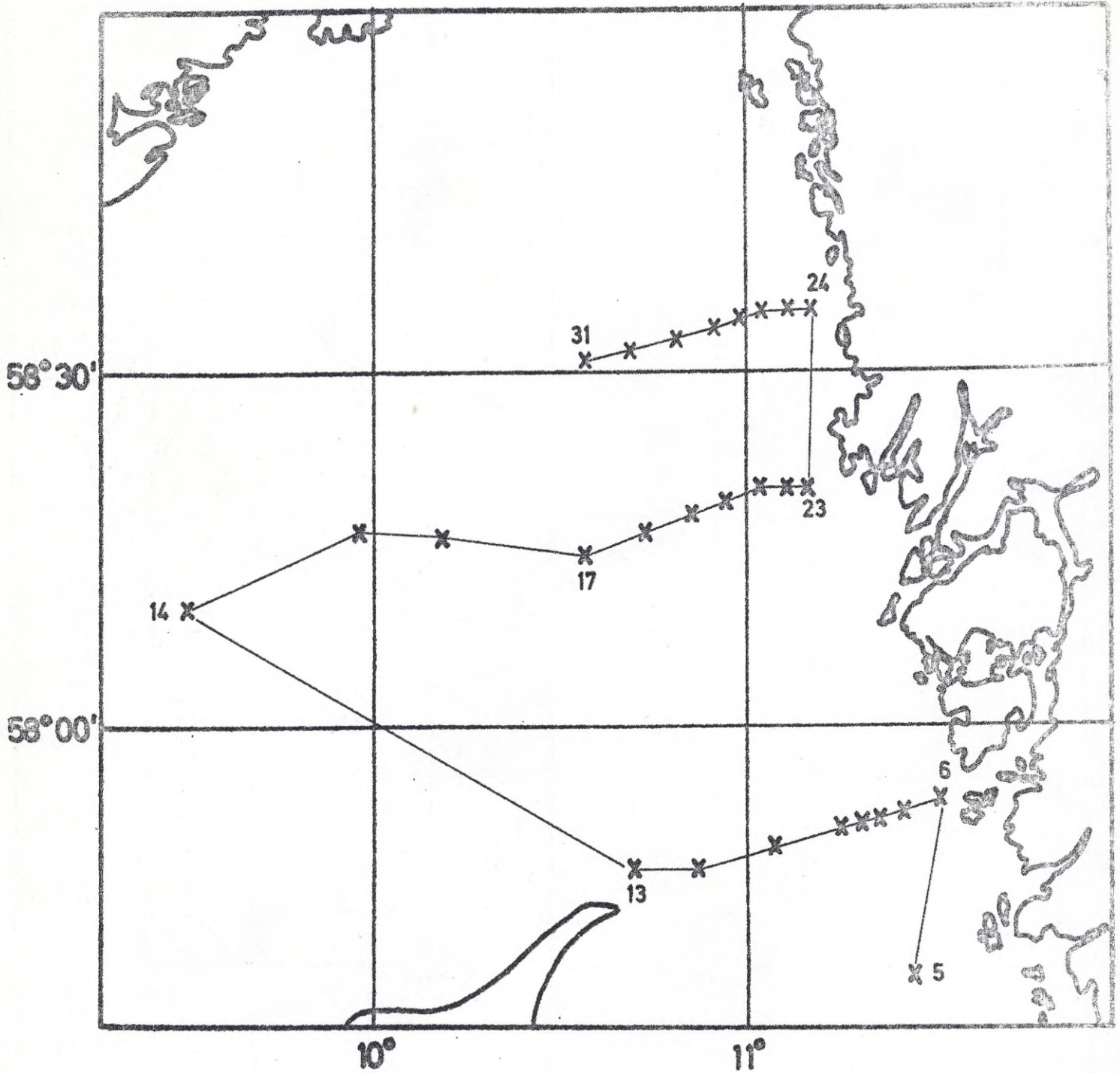
78. Extra Information. Here is indicated whether or not other information than that given in the foregoing columns exists for the depth in question. The following code is used:

- 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.

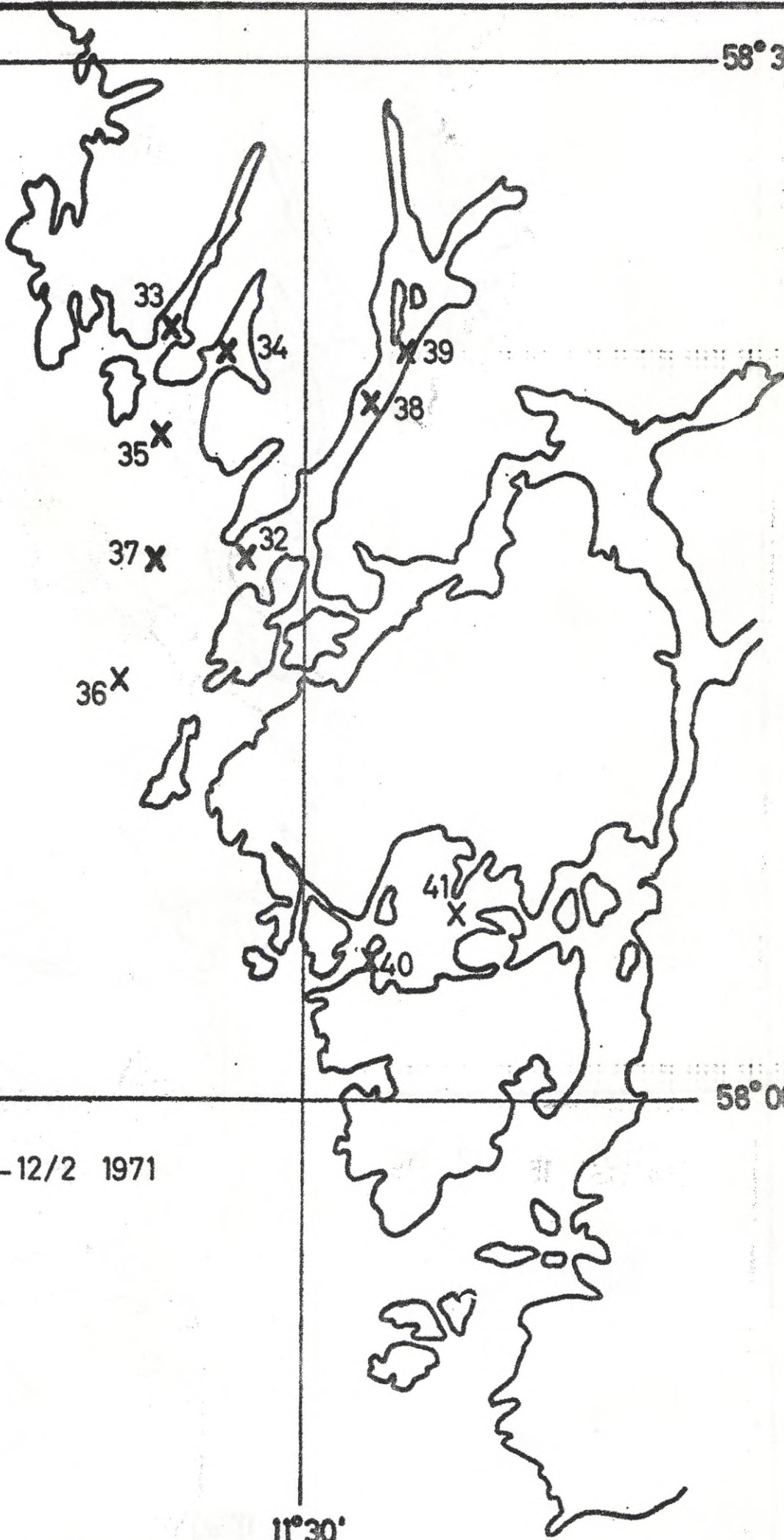
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"THETIS" 8-10/2 1971



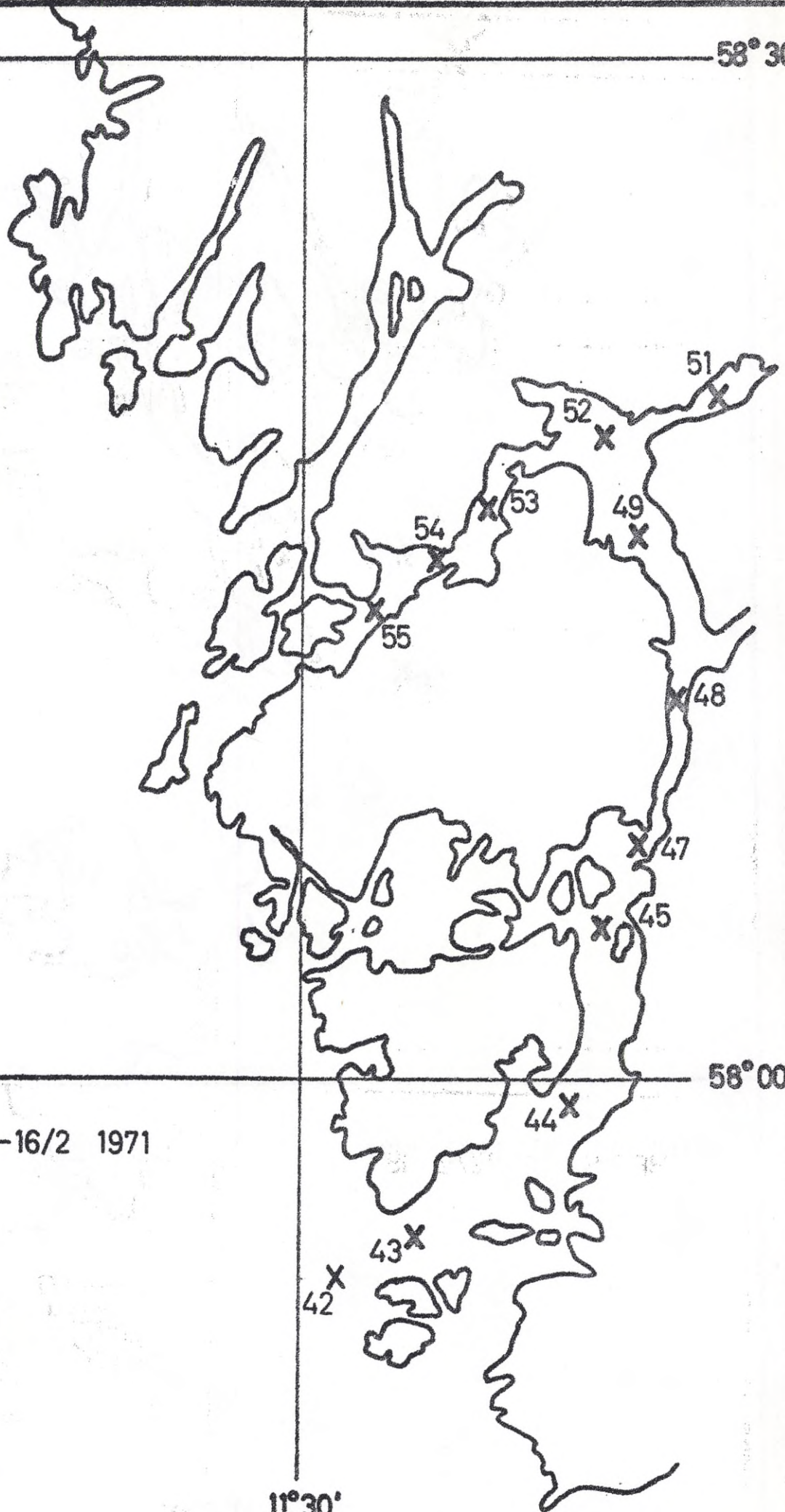
58° 30'



"THETIS" 11-12/2 1971

11° 30'

58° 30'

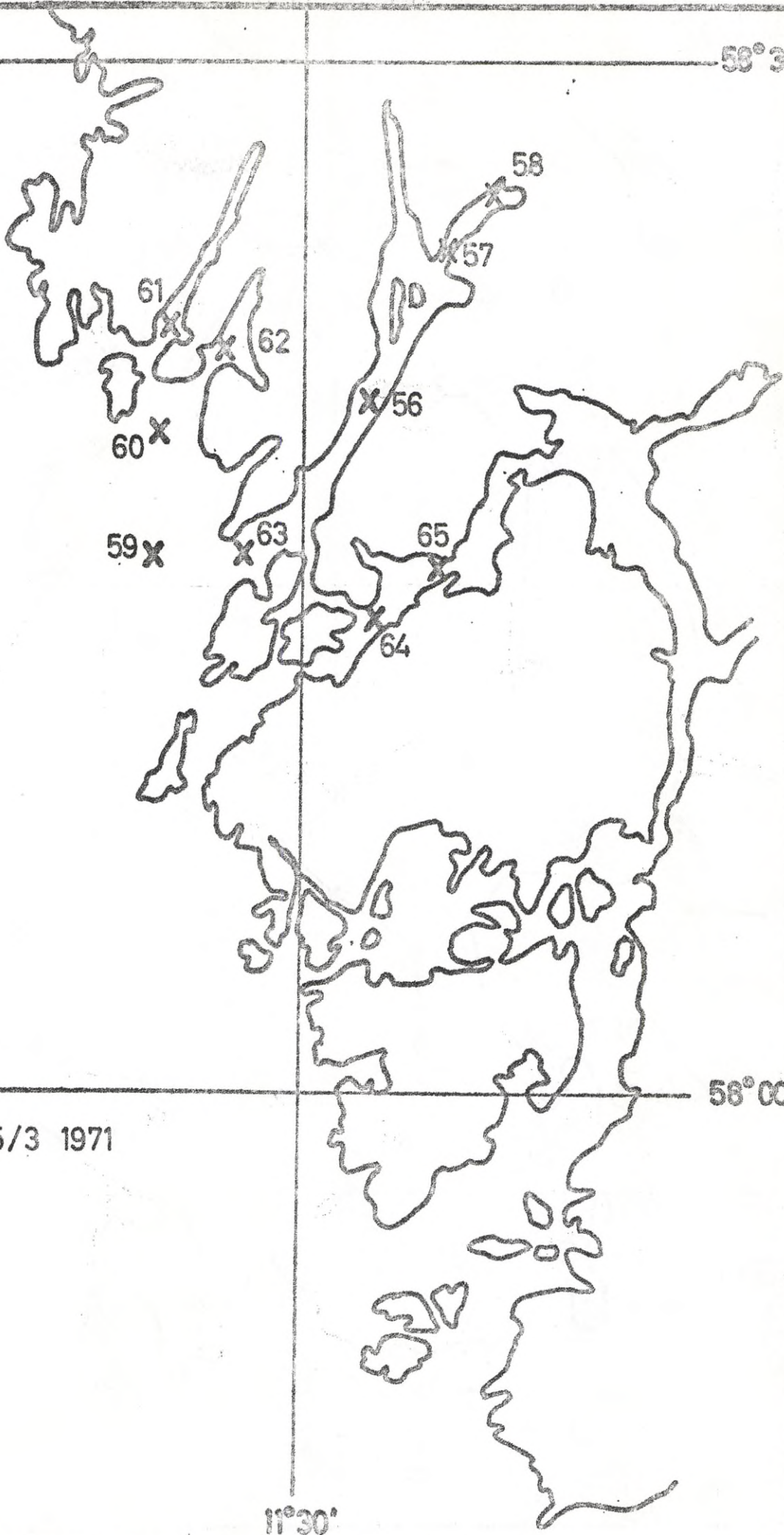


58° 00'

"THETIS" 15-16/2 1971

11° 30'

58° 30'



58° 00'

"THETIS" 3-5/3 1971

11° 30'

Göteborg

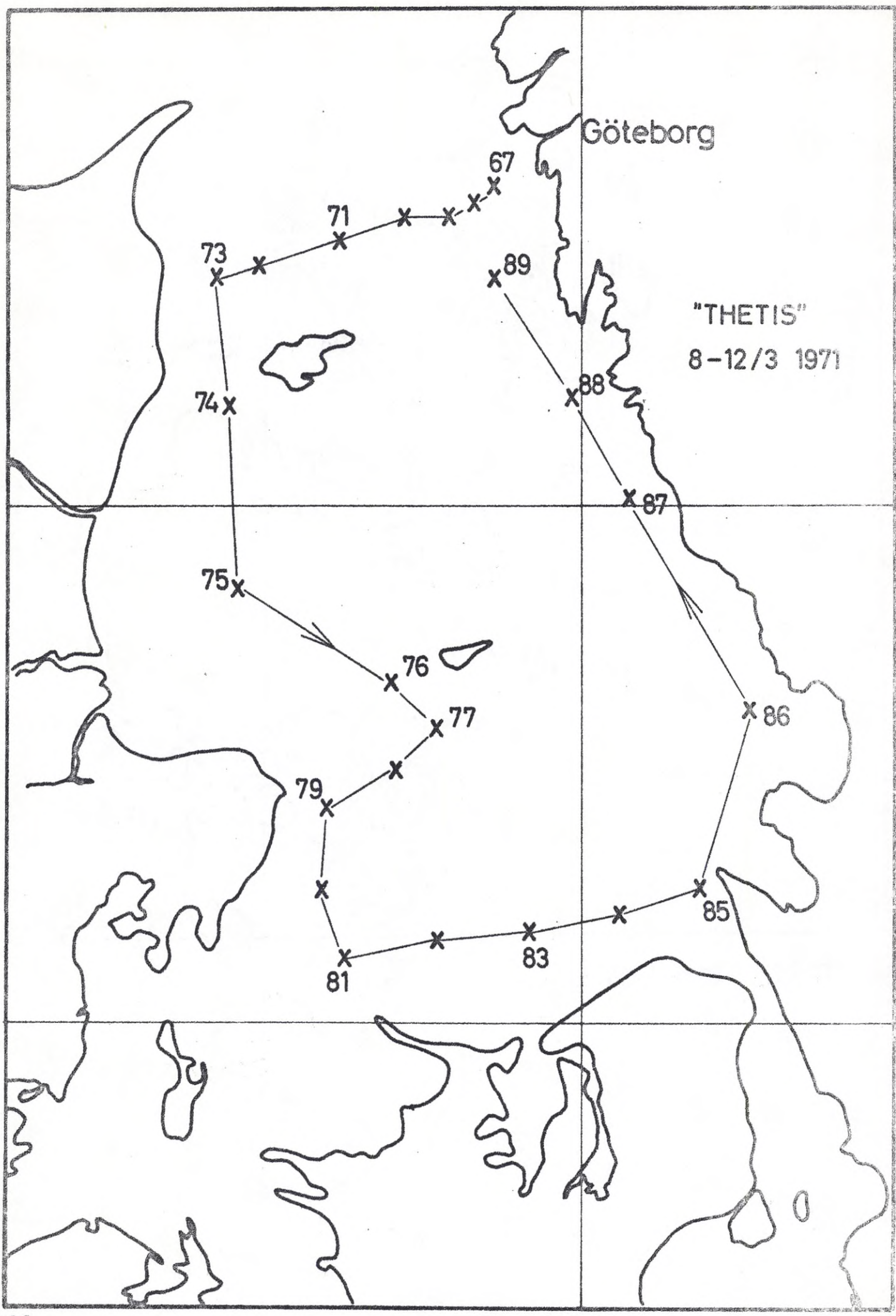
"THETIS"
8-12/3 1971

57°

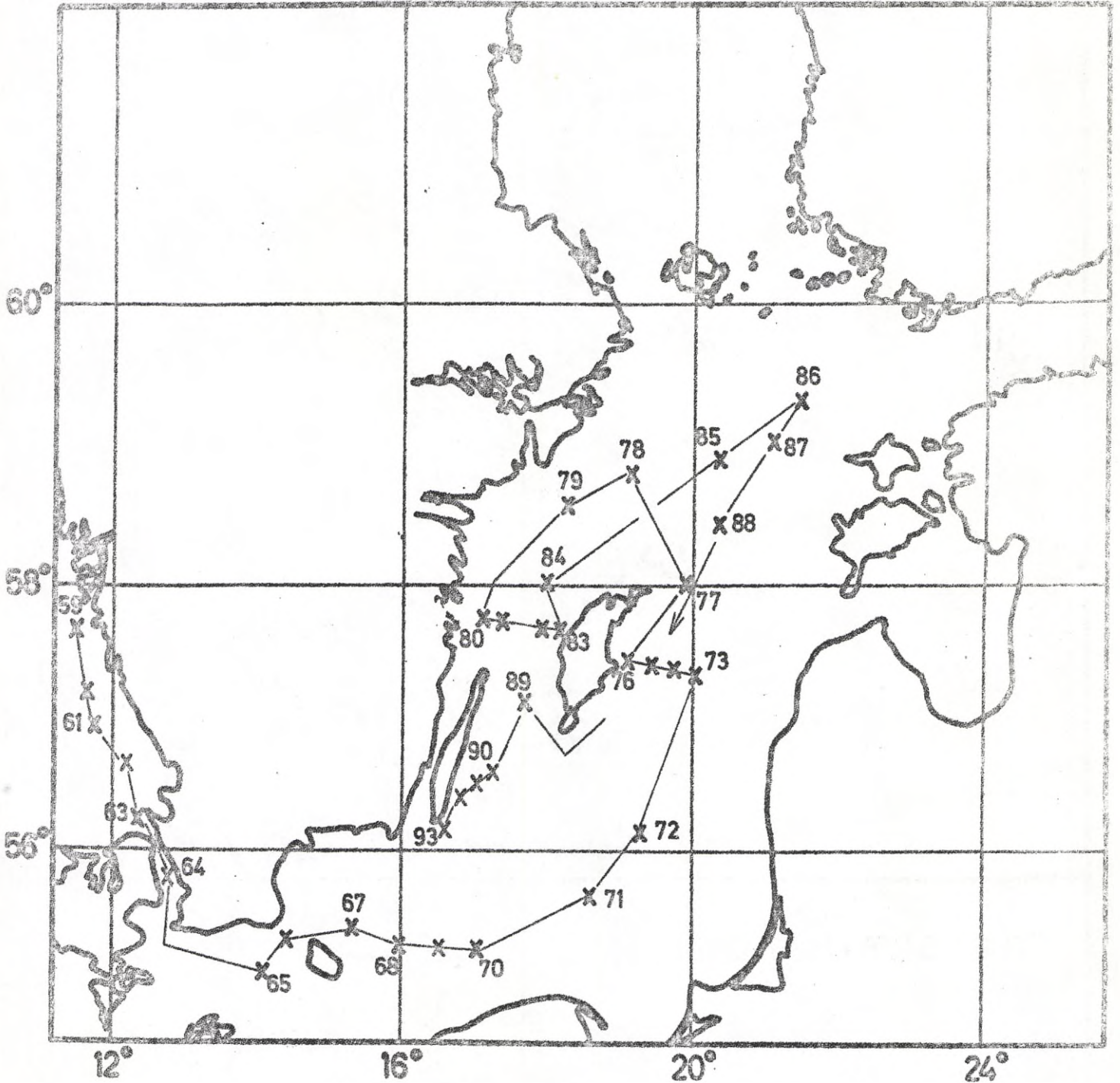
56°

10°

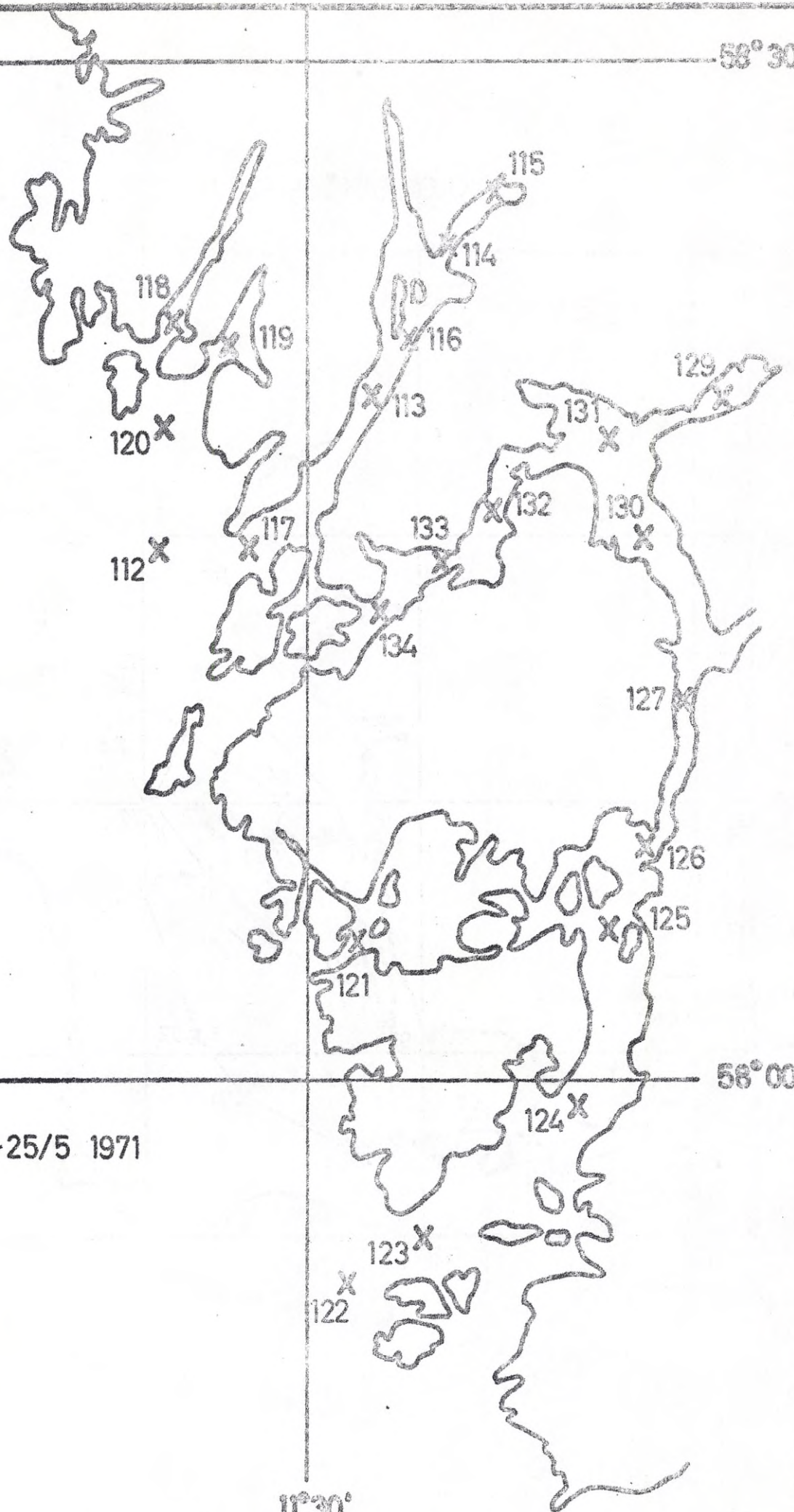
12°



"SKAGERAK" 19-28/4 1971



58° 30'



X 111

118 X

119 X

120 X

112 X

117 X

133 X

132 X

130 X

134 X

127 X

126 X

125 X

121 X

124 X

123 X

122 X

115 X

114 X

116 X

113 X

131 X

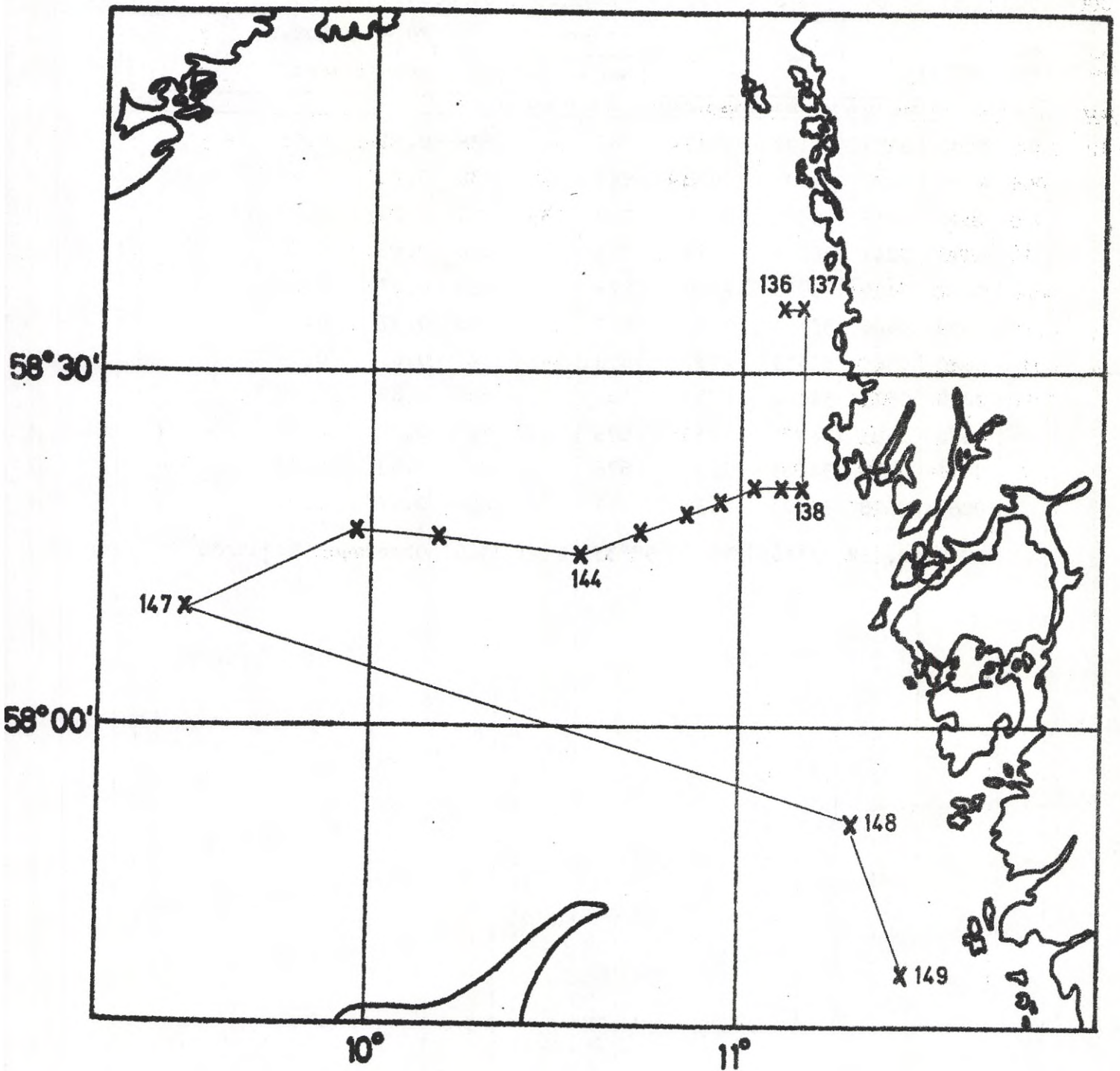
129 X

"THETIS" 18-25/5 1971

56° 00'

11° 30'

"THETIS" 26-27/5 1971



11 "Skagerak"

1971

Station

77 Sweden

SW Vinga

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
0001	57	33	011	32	0	971	01	11	12	0083	01	008	16	12	030								1	22	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
12	0000	0171	24192	1937	759			838	0.31	0.66			3	3														
	0005	0170	24207	1938	849			838	0.26	0.61																		
	0010	0218	25312	2025	810			839	0.25	0.57																		
	0015	0241	26588	2125	771			840	0.41	0.70																		
	0020	0460	29010	2300	729			838	0.47	0.68																		
	0030	0646	33111	2602	671			838	0.57	0.73																		
	0040	0585	34639	2731	679			841	0.65	0.76																		
	0050	0579	34666	2734	684			841	0.69	0.82																		
	0060	0593	34691	2733	679			841	0.71	0.89																		
	0070	0590	34703	2735	678			841	0.69	0.81																		
	0083	0578	34703	2736	681			836	0.57	0.91																		
BT Slide Sk 1/11601/71 N 57°33' E 11°31.5' Observer: Engström																												

11 "Skagerak"

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						
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0005	56	14	012	22	0	971	01	11	23	0023	00	005	14	10	025							00	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
23	0000	0123	16604	1333	890								833	0.62	0.83								3	3				
	0005	0123	16681	1339	883								831	0.62	0.87													
	0010	0880	32789	2545	506								825	0.84														
	0015	0879	32814	2547	511								827	0.87	0.91													
	0020	0889	32869	2550	507								827	0.88	0.99													
BT Slide Sk 5/13259/71													Observer: Bladh N 56°14' E 12°22.2'															

11 "Skagerak"

1971

Station

77 Sweden

W Landskrona

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	56	57					58
0006	55	52	012	45	0	971	01	12	02	0050	00	000	09	10	000					0	0	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												
02	0000	0094	13882	1115		894		830	0.84	1.10	1.745	3	3										
	0005	0318	19198	1534		741		826	1.11	1.31	1.917												
	0010	0816	30050	2340		438		820	1.53	1.71	2.286												
	0015	0906	31594	2447		423		821	1.02	1.12	2.336												
	0020	0924	31930	2470		412		821	1.07	1.27	2.360												
	0030	0934	32098	2481		414		822	1.05	1.22	2.363												
	0040	0934	32145	2485		414		822	1.05	1.30	2.363												
	0050	0918	32112	2485		448		817	0.94	1.34	2.363												
	BT Slide Sk 6/13259/71 N 55°51.8' E 12°45.2' Observer: Bladh																						
									NO ₃ ⁻ -N µgat/l	NO ₂ ⁻ -N µgat/l	NH ₄ ⁺ -N µgat/l												
	0000								4.05	0.78													
	0005								3.91	0.55	2.45												
	0010								6.16	0.18	1.61												
	0015								5.62		1.11												
	0020								4.87		1.56												
	0030								5.79		0.97												
	0040								5.90		0.95												
	0050								4.91	0.07	1.45												

11 "Skagerak"

1971

Station

77 Sweden

Hamrarne sund

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
0008	55	18	014	24	0	971	01	12	15	0048	00	032	05	06	030							1	22	0		
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P $\mu\text{g}/\text{l}$	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	0289	07529	0607	885			817	0.34														3	3		
	0005	0291	07529	0607	886			817	0.34																	
	0010	0292	07530	0607	879			818	0.36																	
	0015	0287	07548	0609	882			818	0.34																	
	0020	0293	07675	0619	879			818	0.30																	
	0030	0304	07889	0635	872			819	0.38																	
	0040	0539	08879	0706	792			812	0.38																	
	0048	0601	11233	0888	655			799	0.68																	
BT Slide Sk 8/13259/71												N 55°17.5'		E 14°24'		Observer: Bladh										

11 "Skagerak"

1971

Station

77 Sweden

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	51	52					53	54	55
0009	55	23	015	20	0	971	01	12	18	0093	01	033	16	10	020								0	02	0
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P $\mu\text{g}/\text{l}$	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	0332	07510	0605	874			817	0.33														3	3	
	0005	0333	07509	0605	877			818	0.34																
	0010	0336	07510	0605	877			815	0.32																
	0015	0330	07511	0605	866			816	0.34																
	0020	0332	07512	0605	877			817	0.32																
	0030	0332	07516	0606	884			816	0.32																
	0040	0400	07716	0620	857			815	0.28																
	0050	0488	07986	0638	821			813	0.28																
	0060	0723	12255	0960	384			769	1.02																
	0070	0753	15023	1173	113			750	1.62																
	0080	0628	16223	1278	015			747	1.91																
	0093	0628	16226	1279	026			746	1.76																
BT Slide Sk 9/11601/71												Observer: Engström													

11 "Skagerak"

1971

Station

77 Sweden

Bornholm 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																								
	°	'	°	'		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
0010	55	15	015	59	0	971	01	12	21	0091	01	019	14	10	020						1	32	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														
21	0000	0305	07424	0598	897			810	0.33	0.56	1.500		3	3																															
	0005	0302	07423	0598	897			815	0.32	0.55	1.492																																		
	0010	0307	07424	0598	890			817	0.30	0.52	1.515																																		
	0015	0306	07424	0598	890			816	0.30	0.70	1.515																																		
	0020	0326	07444	0600	888			817	0.30	0.52	1.542																																		
	0030	0411	07425	0597	892			817	0.27	0.48	1.521																																		
	0040	0403	07507	0604	877			816	0.26	0.47	1.529																																		
	0050	0385	07551	0607	870			816	0.31	0.44	1.523																																		
	0060	0447	07965	0638	790			808	0.34	0.77	1.542																																		
	0070	0755	12090	0944	471			781	0.73	0.91	1.711																																		
	0080	0816	13855	1077	285			764	1.26	1.25	1.777																																		
	0091	0628	16013	1268	036			749	1.46	1.73	1.896																																		
	0000					NO ₃ ⁻ -N	NO ₂ ⁻ -N	NH ₄ ⁺ -N	Tot.N	SiO ₂																																			
	0005					μgat/l	μgat/l	μgat/l	μgat/l	μgat/l																																			
	0010					1.68	0.43	0.78	11.88	18.0																																			
	0015					2.08		0.78		18.0																																			
	0020					1.51		0.60		17.5																																			
	0030					1.36		0.39		17.5																																			
	0040					1.46		0.64		17.0																																			
	0050					1.31	0.42	0.44		17.5																																			
	0060					1.31		0.35		16.5																																			
	0070					1.43	0.36	0.25	16.58	16.0																																			
	0080					1.44		0.67		17.5																																			
	0091					3.00	0.05	1.06		32.0																																			
						3.70		0.77		49.5																																			
						3.25	0.08	0.97	13.86	77.5																																			
BT Slide Sk 10/11601/71 Observer: Engström																																													

11 "Skagerak"

1971

Station

77 Sweden

Stolpe Tröskel

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		
0011	55	17	016	30	0	971	01	13	00	0061	01	018	14	14	030			1	3	20		
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										
00	0000	0307	07588	0611		886		815	0.29	0.56		3	3									
	0005	0304	07575	0611		886		815	0.31	0.60												
	0010	0302	07575	0611		892		815	0.37	0.60												
	0015	0306	07575	0611		890		815	0.33	0.59												
	0020	0316	07584	0611		887		815	0.35	0.51												
	0030	0380	07681	0617		868		815	0.38	0.54												
	0040	0393	07710	0620		862		815	0.31	0.59												
	0050	0389	07718	0621		860		815	0.33	0.54												
	0061	0508	09049	0721		601		780	0.70	1.02												
BT Slide Sk 11/13259/71												Observer: Carlberg										

11 "Skagerak"

1971

Station

77 Sweden

Stolpe ränna

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56
0012	55	13	017	04	0	971	01	13	03	0091	01	022	14	08	020						14	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	Sol. method	Extra info.
					ml/l	%						
03	0000	0336	07631	0614	880		810	0.33	0.57	30.5		3 3
	0005	0336	07633	0614	876		814	0.33	0.48	20.0		
	0010	0340	07634	0614	880		814	0.32	0.53	17.0		
	0015	0340	07638	0614	877		815	0.32	0.56	16.0		
	0020	0343	07641	0614	882		815	0.29	0.52	15.0		
	0030	0378	07672	0616	866		814	0.33	0.57	15.0		
	0040	0396	07711	0619	864		815	0.34	0.52	14.0		
	0050	0391	07730	0621	862		815	0.29	0.55	14.0		
	0060	0708	11032	0865	449		772	0.90	0.99	33.5		
	0070	0744	12281	0959	367		765	1.07	1.10	41.0		
	0080	0761	12891	1006	319		762	1.11	1.27	45.0		
	0091	0749	13119	1025	290		759	1.16	1.27	49.0		

BT Slide Sk 12/11601/71 Observer: Bladh

	NO ₃ ⁻ -N µgat/l	NO ₂ ⁻ -N µgat/l	NH ₄ ⁺ -N µgat/l	Tot.N µgat/l
0000	1.75	0.24	1.22	17.57
0005	1.91		0.46	
0010	1.82		0.38	
0015	1.35		0.64	
0020	1.45	0.20	0.25	
0030	1.39		0.67	
0040	1.30		0.42	
0050	1.39	0.06	0.29	
0060	2.73	0.04	0.13	18.11
0070	3.27		0.15	
0080	3.40		0.28	
0091	3.89	0.08	0.98	16.83

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		
0015	56	51	018	52	0	971	01	13	19	0115	01	050	11	14	016				2	82	0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -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										
19	0000	0247	07348	0592	907		806	0.34			3	3										
	0005	0242	07344	0592	905		812	0.30														
	0010	0244	07345	0592	906		813	0.31														
	0015	0243	07346	0592	904		813	0.32														
	0020	0247	07350	0592	902		813	0.31														
	0030	0266	07372	0594	898		811	0.31														
	0040	0268	07373	0594	896		811	0.28														
	0050	0323	08377	0673	573		773	0.92														
	0060	0363	09461	0759	263		747	1.45														
	0070	0425	10141	0812	103		738	2.14														
	0080	0458	10473	0837	047		735	2.48														
	0090	0458	10551	0843	048		735	2.32														
	0100	0458	10638	0850	052		734	2.22														
	0115	0419	11203	0895	077		741	1.98														
BT Slide Sk		15/11601/71		N 56°50.5' E 18°52'		Observer: Engström																

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						
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56	57	58 59	60	61	62	63	64
0016	56	59	018	47	0	971	01	13	20	0068	01		11	14	016				2	8	30	
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					
20	0000	0260	07368	0594		899		804	0.32												3	3
	0005	0254	07368	0594		901		810	0.26													
	0010	0250	07368	0594		910		811	0.31													
	0015	0252	07368	0594		896		812	0.27													
	0020	0258	07369	0594		901		812	0.30													
	0030	0265	07384	0595		892		811	0.29													
	0040	0270	07412	0597		885		811	0.28													
	0050	0342	08344	0670		562		772	0.83													
	0060	0357	09120	0731		324		750	1.45													
	0068	0358	09211	0739		307		745	1.45													
BT Slide Sk 16/11601/71 Observer: Bladh																						

11 "Skagerak"

1971

Station

77 Sweden

När III

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
0017	57	05	018	42	0	971	01	13	21	0024	00	014	11	14	016				2	8	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					
21	0000	0180	07342	0591		910		803	0.27												3	3
	0005	0178	07340	0591		913		809	0.34													
	0010	0179	07344	0591		909		809	0.38													
	0015	0197	07367	0592		888		809	0.35													
	0020	0231	07464	0601		853		804	0.43													
BT Slide Sk 17/13259/71 Observer: Carlberg																						

11 "Skagerak"

1971

Station

77 Sweden

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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
0018	57	18	020	21	0	971	01	14	03	0227	02	051	18	08	020								28	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													
03	0000	0391	07572	0609	858			806	0.22															3	3																				
	0005	0393	07576	0610	879			811	0.16																																				
	0010	0391	07572	0609	859			812	0.24																																				
	0015	0396	07576	0610	862			809	0.24																																				
	0020	0391	07572	0609	866			812	0.19																																				
	0030	0395	07575	0610	859			812	0.23																																				
	0040	0396	07577	0610	856			813	0.20																																				
	0050	0401	07590	0610	859			813	0.20																																				
	0060	0400	09443	0756	342			756	1.14																																				
	0070	0400	10171	0815	199			745	1.53																																				
	0080	0429	10688	0856	136			741	1.80																																				
	0090	0426	10982	0878	151			743	1.69																																				
04	0100	0445	11136	0890	147			742	1.66																																				
	0125	0485	11663	0929	129			742	1.84																																				
	0150	0522	12232	0972	058			740	2.42																																				
	0175	0542	12481	0990	039			739	2.58																																				
	0200	0551	12580	0997	023			738	2.54																																				
		BT Slide Sk	18/13268/71	N 57°17.5'	E 20°21'	Observer: Bladh																																							

11 "Skagerak"

1971

Station

77 Sweden

Gotland Deep

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58
0019	57	20	020	03	0	971	01	14	05	0246	02	060	18	16	020							28	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									
06	0000	0398	07594	0610	860			815	0.22	0.41	1.558	3	3											
	0005	0401	07595	0611	853			815	0.23	0.34	1.552													
	0010	0400	07595	0611	854			815	0.18	0.33	1.555													
	0015	0401	07595	0611	857			816	0.23	0.32	1.555													
	0020	0401	07596	0611	861			815	0.25	0.34	1.558													
	0030	0400	07596	0611	866			815	0.24		1.558													
	0040	0400	07597	0611	858			816	0.26	0.36	1.558													
	0050	0404	07596	0611	860			815	0.23	0.38	1.560													
	0060	0397	07650	0614	837			812	0.28	0.45	1.566													
	0070	0414	10229	0820	126			745	1.89	1.96	1.674													
	0080	0444	10838	0867	117			742	1.78	1.85	1.703													
	0090	0455	11233	0896	120			742	1.82	2.00	1.713													
05	0100	0471	11579	0923	139			753	1.71	1.84	1.713													
	0125	0506	12069	0960	101			745	2.11	2.08	1.737													
	0150	0540	12418	0985	053			742	2.42	2.53	1.734													
	0175	0552	12584	0997	043			741	2.51	2.55	1.779													
	0200	0558	12704	1006	036			741	2.46		1.764													
	0225	0564	12816	1014	017			742	2.53	2.52	1.769													
	0240	0565	12823	1014	016			741	2.58	2.69	1.777													
BT Slide Sk 19/13268/71													Secchi disc: 12 m		Observer: Engström									

11 "Skagerak"

1971

Station

77 Sweden

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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. km.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58 59
0020	57	22	019	44	0	971	01	14	10	0179	02	052	18	14	016							4	83	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P		Sal. method	Extra info.													
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58			59 60	61 62 63	64	77	78								
10	0000	0354	07435	0599		881				806	0.15												3	3
	0005	0353	07439	0599		871				811	0.18													
	0010	0357	07435	0599		875				812	0.12													
	0015	0352	07435	0599		873				812	0.13													
	0020	0352	07436	0599		876				812	0.29													
	0030	0354	07443	0599		877				813	0.25													
	0040	0357	07432	0598		875				813	0.28													
	0050	0352	07461	0600		861				810	0.37													
	0060	0366	08916	0716		438				761	0.98													
	0070	0427	10003	0800		104				740	2.24													
	0080	0469	10595	0847		035				734	2.51													
	0090	0472	11107	0886		079				737	2.16													
	0100	0478	11609	0925		128				742	1.85													
	0125	0526	12234	0971		080				739	2.32													
	0150	0541	12551	0995		038				737	2.55													
	0179	0543	12647	1003		039				737	2.30													
BT Slide Sk 20/13268/71												N 57°21.5'		E 19°44'		Observer: Engström								

11 "Skagerak"

1971

Station

77 Sweden

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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
0021	57	24	019	26	0	971	01	14	12	0123	01	058	18	12	015			4	8	30
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l		Sol. method Extra info.										
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58		59 60	61 62 63 64	77 78							
12	0000	0272	07376	0595	893			805	0.33		33									
	0005	0272	07376	0595	894			812	0.28											
	0010	0278	07377	0595	899			812	0.30											
	0015	0269	07371	0594	881			810	0.29											
	0020	0272	07370	0594	894			812	0.31											
	0030	0276	07375	0595	890			812	0.25											
	0040	0310	07405	0597	867			812	0.25											
	0050	0311	07424	0598	869			812	0.24											
	0060	0375	08914	0715	425			761	1.03											
	0070	0437	10230	0819	086			739	2.31											
	0080	0465	10640	0851	063			736	2.43											
	0090	0462	10874	0868	078			737	2.18											
	0100	0483	11419	0909	073			738	2.17											
	0123		12126		069				2.09											
BT Slide Sk 21/11601/71 N 57°23.5' E 19°26'											Observer: Bladh									

11 "Skagerak"

1971

Station

77 Sweden

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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
0022	57	26	019	08	0	971	01	14	14	0047	00	047 ^x	20	14	015						4	83	0																						
Obs. time	Obs. depth	Temp.	Sal.	σ_t		Oxygen		pH	PO ₄ -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													
14	0000	0296	07337	0591		894		813	0.27		33																																		
	0005	0295	07335	0591		895		813	0.29																																				
	0010	0296	07334	0591		890		812	0.27																																				
	0015	0297	07334	0591		889		812	0.28																																				
	0020	0293	07334	0591		880		812	0.26																																				
	0030	0295	07336	0591		896		812	0.31																																				
	0040	0310	07381	0595		867		811	0.30																																				
	0045	0322	07525	0606		830		804	0.42																																				
BT Slide Sk 22/3259/71 N 57°25.5' E 19°07.5' Observer: Bladh																																													

11 "Skagerak"

1971

Station

77 Sweden

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Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		NSEW	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Vector	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
0025	57	40	017	56	0	971	01	15	04	0106	01	060	23	12	002			4	8	3	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													
04	0000	0275	07101	0572	889		802	0.37	0.53	1.558	3	3																																	
	0005	0265	07102	0572	896		810	0.40	0.52	1.500																																			
	0010	0268	07102	0572	887		811	0.32	0.48	1.507																																			
	0015	0268	07102	0572	895		812	0.29	0.51	1.521																																			
	0020	0269	07102	0572	897		812	0.29	0.52	1.494																																			
	0030	0268	07103	0572	891		812	0.38	0.51	1.484																																			
	0040		07124		890			0.33	0.41	1.497																																			
	0050	0282	07137	0575	885		812	0.36	0.44	1.521																																			
	0060	0312	07375	0595	799		800	0.59	0.64	1.513																																			
	0070	0425	09692	0775	095		742	1.90	2.68	1.663																																			
	0080	0445	10031	0802	046		736	1.95	3.02	1.684																																			
	0090	0454	10199	0815	022		735	2.66	2.99	1.698																																			
	0100	0455	10297	0824			735	3.24	3.33	1.711																																			
	0106		10431					2.98	3.37	1.721																																			
								NO ₃ ⁻ -N	NO ₂ ⁻ -N	NH ₄ ⁺ -N	SiO ₂	H ₂ S																																	
								µgat/l	µgat/l	µgat/l	µgat/l	µgat/l																																	
	0000							1.50	0.32	2.13	25.0																																		
	0005							1.09		0.71	23.5																																		
	0010							1.02		0.55	22.5																																		
	0015							1.13		0.33	23.0																																		
	0020							1.10		0.35	22.5																																		
	0030							1.08		0.48	23.5																																		
	0040							1.02		0.44	22.5																																		
	0050							1.04	0.26	0.58	23.0																																		
	0060							1.14	0.25	0.54	28.0																																		
	0070							1.44		0	73.0																																		
	0080							1.26		0.24	79.5																																		
	0090							0.64		0.62	82.0	0																																	
	0100							0.24	0	1.58	82.5	0.8																																	
	0106							0.18		1.61	83.5	1.6																																	

BT Slide Sk 25/11601/71 Observer: Engström

11 "Skagerak"

1971

Station

77 Sweden

10/9

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																			
	5	6	7	8	9	10		11	12	13					14	15	16	17					18	Year	Mo.	Day	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0026	57	42	017	39	0	971	01	15	06	0094	01	049	23	10	X	005				2	82	0																			
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l		Sol. method	Extra info.																														
26	27	28	29	30	31	32		33	34			35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78										
06	0000	0259	07065	0570	704			805	0.21			3	3																												
	0005	0260	07066	0570	898			809	0.25																																
	0010	0258	07072	0570	896			811	0.21																																
	0015	0263	07067	0570	900			812	0.28																																
	0020	0259	07067	0570	896			809	0.27																																
	0030		07081		891				0.33																																
	0040	0272	07097	0572	892			810	0.28																																
	0050	0327	07405	0597	790			797	0.35																																
	0060	0380	08892	0713	349			752	1.29																																
	0070	0425	09784	0782	119			736	2.14																																
	0080	0435	10245	0820	026			733	2.09																																
	0090	0457	10380	0830	012			733	2.28																																
	0094		10365		016				2.60																																
BT Slide Sk 26/11601/71 N 57°41.5' E 17°39'											Observer: Bladh																														
	0000							NO ₃ ⁻ -N	NO ₂ ⁻ -N	NH ₄ ⁺ -N																															
	0020							µgat/l	µgat/l	µgat/l																															
	0040							1.47	0.40	0.97																															
	0050							1.28		0.54																															
	0094							1.42		0.61																															
								1.22	0.21	0.63																															
								0.32	0.02	0.93																															

13 "Skagerak"

1971

Station

77 Sweden

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
0027	57	43	017	22	0	971	01	15	07	0137	01	043	23	10	X	005			2	82	0																								
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P		H ₂ S	Sol. method	Extra info.																																
					ml/l	%	µgat/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																	
07	0000	0271	07064	0569	895					813	0.39		3	3																															
	0005	0273	07065	0570	898					813	0.41																																		
	0010	0264	07065	0570	886					813	0.37																																		
	0015	0269	07065	0570	885					813	0.43																																		
	0020	0269	07065	0570	890					814	0.41																																		
	0030	0272	07065	0570	891					814	0.41																																		
	0040	0271	07069	0570	886					813	0.39																																		
	0050	0312	07435	0599	794					800	0.55																																		
	0060	0382	09094	0728	290					751	1.84																																		
	0070	0438	09919	0793	086					739	2.74																																		
	0080	0457	10400	0831	017					735	3.08	0																																	
	0090	0463	10480	0838	017					735	3.32	0																																	
	0100	0469	10483	0838						734	3.40	1.2																																	
	0125	0467	10550	0843						733	3.42	4.4																																	
	0137		10564								3.01	5.8																																	
	BT Slide Sk 27/11601/71 Observer: Engström																																												
											NO ₃ ⁻ -N	NO ₂ ⁻ -N	NH ₄ ⁺ -N																																
											µgat/l	µgat/l	µgat/l																																
	0000										1.58	0.33	1.66																																
	0020										1.20		0.42																																
	0040										1.43	0.33	0.21																																
	0050										1.12	0.19	0.43																																
	0070										1.34	0.04	0																																
	0090										0.25	0.03	0.60																																
	0100										0.10		1.20																																
	0125										0.19		1.51																																
	0137											0.02	1.54																																

11 "Skagerak"

1971

Station

77 Sweden

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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
0028	57	44	017	06	0	971	01	15	09	0075	01	023	27	10	X	005							2	8	20	
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
09	0000	0205	07059	0569	914			813	0.39			3	3													
	0005	0211	07060	0569	904			814	0.41																	
	0010	0206	07059	0569	926			813	0.46																	
	0015	0207	07060	0569	918			813	0.44																	
	0020	0213	07063	0569	910			813	0.44																	
	0030	0272	07105	0573	902			813	0.42																	
	0040	0294	07245	0584	855			808	0.46																	
	0050	0383	08791	0705	381			758	1.75																	
	0060	0410	09617	0770	162			742	2.44																	
	0070	0429	09954	0796	083			737	2.72																	
	0075		10035		073				2.68																	
BT Slide Sk 28/11601/71											N 57°44'		E 17°05.5'		Observer: Carlberg											
	0000								1.45	0.52	0.41															
	0020								1.19		0.37															
	0040								1.24		0.64															
	0050								1.53	0.09	0															
	0075								1.34	0.08	0															

11 "Skagerak"

1971

Station

77 Sweden

13/9

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0029	57	46	016	50	0	971	01	15	10	0033	00	011	27	10	x005			2	8	21																									
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													
10	0000	0043	06917	0554	959		807	0.62	0.82			3	3																																
	0005	0042	06914	0553	972		810	0.61	0.72																																				
	0010	0035	06916	0554	959		811	0.60	0.82																																				
	0015	0183	07108	0573	898		806	0.55	0.69																																				
	0020	0183	07154	0576	875		803	0.61	0.70																																				
	0033		07503		741			0.85	1.00																																				
	BT Slide Sk 29/13259/71 N 57°45.7' E 16°50'											Observer: Engström																																	
								NO ₃ ⁻ -N	NO ₂ ⁻ -N	NH ₄ ⁺ -N																																			
								μgat/1	μgat/1	μgat/1																																			
	0000							2.73	1.03	0.28																																			
	0005							2.64		0.44																																			
	0010							2.82		0.35																																			
	0015							1.93	0.70	0.62																																			
	0020							1.92		0.45																																			
	0033							2.23	0.47	0.44																																			

11 "Skagerak"

1971

Station

77 Sweden

F 90

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
0030	58	00	018	00	0	971	01	18	12	0182	02	049	23	16	030			1	23	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

13	0000	0253	07081	0570	871		819	0.39	0.49	1.494	3	3
	0005	0252	07080	0570	900		820	0.37	0.48	1.494		
	0010	0256	07080	0570	903		820	0.37	0.46	1.489		
	0015	0251	07079	0570	897		820	0.36	0.48	1.489		
	0020	0251	07078	0570	901		820	0.35	0.49	1.489		
	0030	0250	07078	0570	897		821	0.35	0.54	1.489		
	0040	0255	07078	0570	896		818	0.33	0.55	1.489		
	0050	0267	07110	0573	886		818	0.38	0.47	1.489		
	0060	0377	08606	0691	435		767	1.34	1.42	1.608		
	0070	0408	09488	0760	188		749	2.17	2.31	1.647		
	0080	0436	10037	0802	057		742	2.80	2.86	1.682		
12	0090	0447	10134	0809	041		746	3.16		1.682		
	0100	0460	10321	0824	012		741	3.02	3.16	1.687		
	0125	0469	10503	0839	0		741	3.16	3.43	1.700		
	0150	0475	10588	0846	0		739	3.19	3.62	1.713		
	0175	0472	10622		0		740	3.05	3.46	1.713		

					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
13	0000				1.12	0.38		27.06	19.0	
	0005				1.17		1.39		19.0	
	0010				1.05		0.90		18.5	
	0015				1.08		0.62		20.0	
	0020				1.08		0.73		19.5	
	0030				1.06	0.38	0.72		20.5	
	0040				1.11		0.54		21.0	
	0050				1.17		0.42		18.5	
	0060				1.26	0.03	0.20	28.83	40.0	
	0070				1.43		0.29		60.0	
	0080				1.12		0.68		72.5	
12	0090				1.05		0.87		75.5	
	0100				0.92	0.07	0.93		78.5	
	0125				0.11		1.56		82.0	5.6
	0150				0		1.98		82.5	4.9
	0175				0	0	2.33	23.70	83.0	10.5

BT Slide Sk 30/13268/71 Observer: Engström

11 "Skagerak"

1971

Station

77 Sweden

F 78

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
0031	58	35	018	14	0	971	01	18	18	0459	04	034	20	18	025					2	84	0																							
Obs. time	Obs. depth	Temp.	Sal.	σ_t	$\text{NO}_3^- \text{-N}$ $\mu\text{gat/l}$	$\text{NO}_2^- \text{-N}$ $\mu\text{gat/l}$	$\text{NH}_4^+ \text{-N}$ $\mu\text{gat/l}$	Tot.N $\mu\text{gat/l}$	SiO_2 $\mu\text{gat/l}$	Sal. method	Extra info.																																		
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45		77	78																																			
19	0000										2.00	0.53	0.48		23.43	21.5																													
	0005										1.80	0.55	0.34			20.0																													
	0010										1.44	0.53	0.28			22.0																													
	0015										1.82	0.53	0.19			21.5																													
	0020										1.79	0.53	0.07			22.0																													
	0030										1.52	0.53	0.18			22.0																													
	0040										1.39	0.19	0.29	13.27		20.0																													
	0050										1.33	0.04	0.07			40.5																													
	0060										1.50	0.04	0			59.0																													
	0070										1.52	0.04	0.09			63.5																													
	0080										1.81	0.04	0.13			69.0																													
	0090										1.40	0.04	0.08			74.0																													
18	0100										1.23	0.05	0.13	18.04		75.0																													
	0125										1.14	0.07	0.19			74.5																													
	0150										0.62	0.06	0.28			78.5																													
	0200										1.75	0.06	0			75.5																													
	0300										1.09	0.06	0.20	10.96		76.5																													
	0400										0.13	0.04	0.27			75.0																													
	0425										0.24	0.04	0.71			77.5																													
	0440										0.13	0.04	0.69	6.87		79.0																													

11 "Skagerak"

1971

Station

77 Sweden

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	55 56	57	58 59	60	61	62	63	64
0032	58	47	019	06	0	971	01	19	01	0180	01	032	23	28	025				28	4	0	
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P μgat/l		Sol. method	Extra info.										
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63	64	77 78										
02	0000	0269	07061	0569	888				811	0.28		3	3									
	0005	0267	07063	0569	926				816	0.24												
	0010	0279	07060	0569	905				817	0.25												
	0015	0276	07059	0569	905				818	0.26												
	0020	0275	07062	0569	899				818	0.27												
	0030	0278	07073	0570	896				818	0.26												
	0040	0344	07285	0587	872				817	0.26												
	0050	0368	07882	0633	684				790	0.61												
	0060	0385	08677	0696	445				765	1.23												
	0070	0410	09502	0761	218				749	1.97												
01	0080	0456	10370	0829	077				739	2.43												
	0090	0474	10706	0855	058				739	2.54												
	0100	0482	10868	0868	039				738	2.59												
	0125	0486	10976	0875	035				739	2.69												
	0150	0487	11081	0883	032				739	2.55												
BT Slide Sk 32/13263/71													Observer: Engström									

11 "Skagerak"

1971

Station

77 Sweden

L 19

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
0033	58	53	020	19	0	971	01	19	06	0175	01	035	20	26	020			2	8	40																									
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	77	78											
07	0000	0349	07365	0594		882			815	0.30	0.43	1.576	3	3																															
	0005	0352	07366	0594		876			819	0.23	0.38	1.566																																	
	0010	0352	07364	0593		879			820	0.23	0.33	1.576																																	
	0015	0354	07364	0593		885			820	0.28	0.38	1.558																																	
	0020	0351	07364	0593		875			820	0.26	0.36	1.568																																	
	0030	0362	07363	0593		882			821	0.31	0.34	1.568																																	
	0040	0363	07415	0597		862			822	0.25	0.32	1.573																																	
	0050	0394	07487	0602		863			821	0.27	0.36	1.579																																	
	0060	0387	07507	0604		856			819	0.29	0.46	1.579																																	
	0070	0372	08977	0720		397			769	1.31		1.647																																	
	0080	0449	10418	0833		071			747	2.44		1.713																																	
06	0090	0474	10689	0854		036			740	2.78		1.700																																	
	0100	0485	10908	0871		024			738	2.84		1.711																																	
	0125	0492	11149	0888		058			739	2.82		1.716																																	
	0150	0508	11446	0911		023			739	2.84		1.727																																	
				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																															
07	0000			1.82		0.25		1.16		19.80		14.5																																	
	0005			1.67				1.05																																					
	0010			1.71				0.94				12.5																																	
	0015			1.59				0.73																																					
	0020			1.56				1.14				12.5																																	
	0030			1.67				0.71				11.5																																	
	0040			1.69								11.0																																	
	0050			1.82		0.22		0.46		16.13		9.5																																	
	0060			2.02				0.74																																					
	0070			2.57		0.02		0.13				39.0																																	
	0080			2.43				0.20				67.0																																	
06	0090			2.44				0.39				70.5																																	
	0100			2.42		0.05		0.15				72.5																																	
	0125			3.01				0.19				70.5		0																															
	0150			3.57		0.08		0.13		20.77		72.5		0																															
BT Slide Sk 33/13268/71 Observer: Carlberg																																													

11 "Skagerak"

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Station

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	58	59				
0034	59	02	021	05	0	971	01	19	10	0194	01	035	23	28	020					2	84	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							
11	0000	0322	07246	0584	879			813	0.33		3	3										
	0005	0324	07247	0584	875			815	0.34													
	0010	0323	07247	0584	877			817	0.34													
	0015		07247		875				0.35													
	0020	0321	07247	0584	874			818	0.34													
	0030	0327	07251	0584	880			818	0.35													
	0040	0356	07318	0589	876			818	0.34													
	0050	0390	07491	0602	857			818	0.28													
	0060	0396	07565	0609	853			818	0.34													
	0070	0399	08293	0666	568			781	1.12													
10	0080	0433	09725	0778	161			744	2.41													
	0090	0455	10214	0816	105			741	2.67													
	0100	0467	10432	0833	073			740	2.64													
	0125	0498	11106	0885	022			740	2.68													
	0150	0498	11207	0892	016			739	2.79													

BT Slide Sk 34/13268/71 Observer: Engström

11 "Skagerak"

1971

Station

77 Sweden

F 72

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	58	59				
0035	59	17	021	34	0	971	01	19	15	0160	01	036	20	30	020					2	85	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						
16	0000	0307	07185	0579			890		823	0.40	0.61	1.579	3	3								
	0005	0309	07179	0579			894		821	0.36	0.43	1.558										
	0010	0303	07184	0579			896		821	0.31	0.40	1.547										
	0015	0303	07179	0579					821	0.33	0.46	1.558										
	0020	0303	07186	0579			894		821	0.32	0.45	1.555										
	0030	0309	07180	0579			883		821	0.31	0.46	1.558										
	0040	0315	07197	0580			891		819	0.35	0.37	1.560										
	0050	0361	07399	0585			873		820	0.25	0.44	1.595										
	0060	0378	07430	0598			869		820	0.21	0.44	1.589										
	0070	0384	07527	0606			810		812	0.36	0.61	1.584										
15	0080	0407	08752	0701			349		754	1.67	2.02	1.626										
	0090	0417	09340	0748			214		747	2.06	2.50	1.634										
	0100	0439	09912	0792			143		743	2.19	2.85	1.679										
	0125	0463	10481	0838			054		740	2.94	3.38	1.705										
	0150	0469	10721	0856			045		740	2.94	3.34	1.705										
16	0000						NO ₃ ⁻ -N		NO ₂ ⁻ -N	NH ₄ ⁺ -N	Tot.N	SiO ₂										
	0005						μgat/l		μgat/l	μgat/l	μgat/l	μgat/l										
	0010						2.07		0.33	2.24	35.52	16.0										
	0015						2.17			1.19		16.0										
	0020						2.33			0.96		15.5										
	0030						1.82			0.78		15.5										
	0040						1.88			0.73		15.5										
	0050						1.97			0.82		15.5										
	0060						1.78			0.78		15.5										
	0070						2.29		0.24	0.72	17.52	10.0										
	0080						2.33			0.46		10.5										
	0090						2.92			0.69		15.0										
15	0100						2.95		0.06	0.38	22.22	52.5										
	0125						3.05			0.21		62.5										
	0150						2.37		0.12	0.46		69.5										
							2.30			0.68		76.0										
							2.25		0.15	0.60	15.50	76.0										

BT Slide Sk 35/11601/71 Observer: Bladh

N 59° 17.48' E 21° 34'

11 "Skagerak"

1971

Station

77 Sweden

Segerstad 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
0038	56	30	016	52	0	971	01	20	24	0068	01	033	18	16	030									2	82	0		
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P μ gat/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
24	0000	0271	07106	0573	907			818	0.39	1.489																3	3	
	0005	0260	07109	0573	909			817	0.38	1.489																		
	0010	0258	07106	0573	905			818	0.43	1.489																		
	0015	0259	07106	0573	911			816	0.40	1.486																		
	0020	0264	07113	0573	900			813	0.45																			
	0030	0264	07139	0575	904			808	0.44																			
	0040	0243	07202	0580	903			814	0.43																			
	0050	0421	09581	0766	106			744	2.74																			
	0060	0437	10004	0800	023			739	3.10																			
BT Slide Sk 38/11601/71 N 56°29.5' E 16°52' Observer: Bladh																												

11 "Skagerak"

1971

Station

77 Sweden

Segerstad III

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
0039	56	19	016	41	0	971	01	21	02	0045	00	016	18	16	030													2	82	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P μ gat/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		
02	0000	0222	07251	0584	921			818	0.38																				3	3
	0005	0221	07251	0584	923			819	0.42																					
	0010	0223	07249	0584	923			819	0.40																					
	0015	0227	07261	0585	924			819	0.42																					
	0020	0269	07339	0591	903			818	0.39																					
	0030	0393	07649	0614	847			814	0.38																					
	0040	0390	08740	0701	330			759	1.80																					
BT Slide Sk 39/13259/71 Observer: Bladh																														

11 "Skagerak"

1971

Station

77 Sweden

BY 39 B

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																							
	5	6	7	8	9	10		11	12	13					14	15	16	17					18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0040	56	07	016	32	0	971	01	21	03	0050	00	016	18	16	030						4	8	20																						
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														
03	0000	0129	07092	0570	948			814	0.42	0.56	1.468	3	3																																
	0005	0128	07093	0570	950			813	0.40	0.61	1.468																																		
	0010	0127	07092	0570	939			815	0.41	0.54	1.473																																		
	0015	0135	07097	0571	940			816	0.41	0.52	1.468																																		
	0020	0340	07096	0572	843			811	0.46	0.59	1.523																																		
	0030	0404	07651	0614	370			760	1.75	1.98	1.608																																		
	0040	0409	08679	0695	198			746	2.28	2.46	1.634																																		
	0045	0407	09170	0734	177			745	2.39	2.51	1.634																																		
								NO ₃ ⁻ -N	NO ₂ ⁻ -N	NH ₄ ⁺ -N	Tot.N	SiO ₂																																	
								μgat/l	μgat/l	μgat/l	μgat/l	μgat/l																																	
	0000							2.64	0.94	0.93	29.23	23.5																																	
	0005							2.75	0.95	0.65		23.5																																	
	0010							2.85	0.96	0.68		23.5																																	
	0015							2.63	0.95	0.63		23.5																																	
	0020							2.13	0.34	0.41	20.47	20.5																																	
	0030							2.10	0.10	0.26		52.0																																	
	0040							2.42	0.06	0.23		63.5																																	
	0045							2.30	0.09	0.27	22.95	65.5																																	
BT Slide Sk 40/13259/71 Observer: Bladh																																													

11 "Skagerak"

1971

Station

77 Sweden

SW Vinga

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
0049	57	33	011	32	0	971	03	22	10	0083	01		05	16	010						14	3	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									
10	0000	0157	23766	1904																			3	0
	0005	0175	23765	1904																				
	0010	0187	23807	1906																				
	0015	0136	25739	2062																				
	0020	0182	28538	2284																				
	0030	0490	34430	2725																				
	0040	0506	34766	2750																				
	0050	0463	34793	2757																				
	0060	0450	34810	2760																				
	0070	0454	34800	2758																				
	0080	0453	34801	2758																				
BT Slide Sk 49/11601/71 N 57°33' E 11°31.5' Observer: Hagberg																								

11 "Skagerak"

1971

Station

77 Sweden

Snitt I S Trelleborg a

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice				
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58 59	60	61
1049	55	16	013	16	0	971	03	23	03	0038	00													9	9	99
Obs. time	Obs. depth	Temp.	Sal.	σ_t		Oxygen		pH	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										
03	0038	0129	08034	0646																				3	8	
N 55°15.5' E 13°16' Observer: Hagberg																										

11 "Skagerak"

1971

Station

77 Sweden

Y 15

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			
0050	54	55	013	16	0	971	03	23	10	0046	00		32	22	035						0	03	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	$\mu\text{gat}/\text{l}$										
10	0000	0152	07864	0632	932																			
	0010	0154	07864	0632	931																			
	0020	0177	08134	0653	928																			
	0030	0170	08213	0660	926																			
	0040	0156	08739	0702	888																			
	0045	0124	13780	1106	843			0.89				8												
BT Slide Sk 50/13259/71												Observer: Hagberg												

11 "Skagerak"

1971

Station

77 Sweden

S 12

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			
0051	55	00	014	06	0	971	03	23	15	0047	00		32	22	040						1	33	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	$\mu\text{gat}/\text{l}$										
15	0000	0153	07658	0616	932																			
	0010	0163	07647	0614	930																			
	0020	0164	07668	0616	932																			
	0030	0149	08136	0644	924																			
	0040	0134	08259	0664	917																			
	0045	0265	15068	1208	718			5.70				8												
BT Slide Sk 51/13259/71												Observer: Hagberg												

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					
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58 59	60	61	62
1051	56	51	018	52	0	971	03	24	16	0110	01		20	20											99	9	9
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH		Tot.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				
16	0108	0458	11265	0900	073											2.37	3	8									
Observer: Hagberg																											

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						
	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
2051	56	59	018	48	0	971	03	24	18	0075	01		20	26												2	89	9
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH		Tot.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					
18	0074	0254	08318	0670	622											1.18	3	8										
Observer: Hagberg																												

11 "Skagerak"

1971

Station

77 Sweden

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				
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58 59	60	61
0052	57	10	018	47	0	971	03	25	13	0035	00		23	24	020	011	68	3	0							
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH																			
					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	0114	07503	0603	920											3	0									
	0005	0121	07504	0603	919																					
	0010	0117	07505	0603	918																					
	0015	0118	07505	0603	923																					
	0020	0112	07509	0603	920																					
	0030	0114	07508	0603	924																					
BTSlide: Sk 52/13259/71 N 57°09.7' E 18°47' Observer: Hagberg																										

11 "Skagerak"

1971

Station

77 Sweden

Landsortsnittet IV

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	51	52	53					54	55
1053	58	36	018	13	0	971	03	26	03	0140	01														2	81	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Tot.P $\mu\text{gat/l}$	Sal. method	Extra info.																	
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42					43 44 45	58	59 60	61 62 63	64	ml/l	%	77	78								
03	0140	0473	10610	0863	024		3.03		3	8																	
N 58°36' E 18°12.5' Observer: Hagberg																											

11 "Skagerak"

1971

Station

77 Sweden

Landsortsnittet III

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	51	52	53					54	55	56
2053	58	38	018	10	0	971	03	26	05	0120	01															2	81	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Tot.P $\mu\text{gat/l}$	Sal. method	Extra info.																		
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42					43 44 45	58	59 60	61 62 63	64	ml/l	%	77	78									
05	0120	0428	10795	0864	050		3.26		3	8																		
N 58°37.7' E 18°09.7' Observer: Hagberg																												

11 "Skagerak"

1971

Station

77 Sweden

Landsortsnittet II

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	51	52	53					54	55	56	57
3053	58	42	018	03	0	971	03	26	07	0085	01																2	81	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Tot.P $\mu\text{gat/l}$	Sal. method	Extra info.																			
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42					43 44 45	58	59 60	61 62 63	64	ml/l	%	77	78										
07	0085	0440	10191	0815	066		3.03		3	8																			
N 58°41.5' E 18°03' Observer: Hagberg																													

11 "Skagerak"

1971

Station

77 Sweden

Västerviksnittet II

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																							
	5	6	7	8	9	10		11	12	13					14	15	16	17					18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
7053	57	44	016	57	0	971	03	30	14	0050	00				05	06	020			48	1	0																							
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Tot.P $\mu\text{gat/l}$	Sal. method	Extra info.																																			
26	27	28	29	30	31	32					33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78													
14	0050	0050	07095	0570	920																																								
N 57°43.6' E 16°57' Observer: Hagberg																																													

11 "Skagerak"

1971

Station

77 Sweden

S 41 Karlsödjet

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																							
	5	6	7	8	9	10		11	12	13					14	15	16	17					18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0054	57	07	017	40	0	971	03	30	20	0110	01				14	12	005			4	8	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														
20	0000	0121	07205	0581	959																																								
	0010	0129	07209	0581	943																																								
	0020	0108	07219	0581	924																																								
	0030	0102	07238	0583	937																																								
	0040	0097	07254	0583	921																																								
	0050	0098	07270	0584	912																																								
	0060	0109	07329	0590	891																																								
	0070	0102	08452	0678	496																																								
	0080	0388	09370	0750	258																																								
	0090	0442	10050	0803	058																																								
	0100	0443	10107	0808	042																																								
	0105	0440	10130	0810	031																																								
BT Slide Sk 54/11601/71 Observer: Hagberg																																													

11 "Skagerak"

1971

Station

77 Sweden

U 10

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		
0055	55	44	015	57	0	971	03	31	16	0065	01		09	14	020		2	81	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				
16	0000	0158	07478	0602	929															3	0	
	0010	0159	07479	0602	927																	
	0020	0163	07479	0602	925																	
	0030	0162	07483	0602	925																	
	0040	0168	07535	0606	915																	
	0050	0190	07736	0622	904																	
	0060	0335	08938	0718	698																	
BT Slide Sk 55/11601/71 Observer: Hagberg																						

11 "Skagerak"

1971

Station

77 Sweden

Snitt III: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		
1055	55	50	015	48	0	971	03	31		0050	00									9	9	90
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			
	0050	0194	07777	0626	879								0.66								3	8
Observer: Hagberg																						

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Snitt III: I 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								
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61 62	63 64						
2055	55	45	015	56	0	971	03	31		0060	01							9	99	0				
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Tot. P		Sal. method	Extra info.													
					ml/l	%		$\mu\text{gat/l}$																
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63	64								77	78				
	0060	0355	08938		0710																3	0		
Observer: Hagberg																								

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Snitt III: YU 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								
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61 62	63 64						
3055	55	40	016	04	0	971	03	31		0070	01							9	99	0				
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Tot. P		Sal. method	Extra info.													
					ml/l	%		$\mu\text{gat/l}$																
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63	64									77	78			
	0070	0701	15258		1196				041						2.44						3	8		
Observer: Hagberg																								

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Snitt III:
ENE 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						
4055	55	31	016	16	0	971	03	31		0075	01							9	99	0				
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Tot. P		Sal. method	Extra info.													
					ml/l	%		$\mu\text{gat/l}$																
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63	64									77	78			
	0075	0695	15587		1222				019						2.45						3	8		
Observer: Hagberg																								

11 "Skagerak"

1971

Station

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	51 52	53 54					55 56	57 58 59	60
0056	55	15	016	00	0	971	03	31	24	0093	01		09	08	024						9	8	10		
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									
24	0000	0168	07486	0602	939																			3	0
	0010	0172	07489	0602	926																				
	0020	0166	07486	0602	934																				
	0030	0159	07487	0602	931																				
	0040	0159	07546	0605	909																				
	0050	0177	07702	0620	894																				
	0060	0499	11323	0902	519																				
	0070	0735	15236	1192	066																				
	0080	0697	15692	1230	022																				
	0090	0660	15931	1252	009								2.48												8
BT Slide Sk 56/11601/71												Observer: Hagberg													

11 "Skagerak"

1971

Station

77 Sweden

Snitt II: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
1056	56	16	014	06	0	971	04	01		0030	00														99	9	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Tot.P		Sal. method	Extra info.																
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58			59 60	61 62 63	64	77	78											
	0030	0153	07455	0600	933								0.67													3	8
Observer: Hagberg																											

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Snitt II: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
	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
2056	55	10	014	06	0	971	04	01		0043	00							9	99	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					
	0043	0135	08448	0678	908					0.62		3 8								
Observer: Hagberg																				

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Snitt II: IV

Station No.	Lat.		Long.		N 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
3056	55	05	014	06	0	971	04	01		0045	00							9	99	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					
	0045	0164	08779	0705	869					0.65		3 8								
Observer: Hagberg																				

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Snitt II: 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
4056	55	00	014	06	0	971	04	01		0048	00							9	9	90
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					
	0048	0184	14390	1156	752					1.43		3 8								
Observer: Hagberg																				

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																							
	5	6	7	8	9	10		11	12	13					14	15	16	17					18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0058	56	57	011	46	0	971	04	05	12	0070	01				07	10	050			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																	
12	0000	0328	17497	1400																							3	0																	
	0005	0327	17523	1402																																									
	0010	0293	19842	1586																																									
	0015	0282	27295	2179																																									
	0020	0362	31200	2482																																									
	0030	0475	33622	2662																																									
	0040	0497	34152	2703																																									
	0050	0495	34324	2716																																									
	0060	0494	34380	2720																																									
	0070	0487	34544	2734																																									
BT Slide Sk 58/11601/71 N 56°57' E 11°45.5' 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																							
	5	6	7	8	9	10		11	12	13					14	15	16	17					18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0059	57	33	011	32	0	971	04	19	13	0075	01	003			20	12	080			1	62	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	0480	24125	1912	825									849	0.03	0.53												33																	
	0005	0479	24304	1926	826									849	0.02	0.44																													
	0010	0515	26741	2116	793									850	0.03	0.48																													
	0015	0528	27929	2209	788									849	0.03	0.51																													
	0020	0426	32832	2606	686									840	0.27	0.96																													
	0030	0498	34517	2731	680									839	0.66	0.91																													
	0040	0533	34791	2748	704									839	0.63	0.85																													
	0050	0542	34901	2756	663									838	0.77	0.91																													
	0060	0551	34951	2759	659									839	0.75	0.97																													
	0070	0553	34988	2763	645									839	0.76	1.01																													
BT Slide Sk 59/11601/71 N 57°33' E 11°31.5' Observer: Engström																																													

11 "Skagerak"

1971

Station

77 Sweden

Fladen

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0060	57	12	011	40	0	971	04	19	15	0077	01	003	20	10	080			1	62	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														
15	0000	0448	21463	1705		831		857	0.01	0.36		3	3																																
	0005	0448	21431	1702		829		854	0.01	0.38																																			
	0010	0307	28155	2246		828		850	0.05	0.79																																			
	0015	0425	33211	2635		678		841	0.45	1.03																																			
	0020	0427	34263	2718		731		843	0.49	0.54																																			
	0030	0478	34644	2744		689		842	0.60	0.79																																			
	0040	0488	34705	2748		683		841	0.62	0.82																																			
	0050	0508	34828	2756		676		841	0.71	0.85																																			
	0060	0522	34900	2759		663		841	0.77	0.94																																			
	0070	0516	34898	2760		683		840	0.76	0.95																																			
									NO ₃ ⁻ -N	NO ₂ ⁻ -N	Tot.N																																		
									μgat/l	μgat/l	μgat/l																																		
	0000								0.11	0	6.75																																		
	0005								0.06																																				
	0010								0.09	0																																			
	0015								2.70	0.06	22.16																																		
	0020								3.40																																				
	0030								4.99																																				
	0040								3.83	0.17	13.62																																		
	0050								5.01																																				
	0060								6.41																																				
	0070								4.82	0.17	22.41																																		
BT Slide Sk 60/11601/71												N 57°11.5'		E 11°40'		Observer: Engström																													

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				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64
0061	56	58	011	46	0	971	04	19	18	0105	01	003	23	06	070			2	81	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	%		μgat/l	μgat/l			77	78				
18	0000	0505	20073	1590	833					852	0.32	0.44		3 3						
	0005	0496	20113	1594	877					852	0.13	0.57								
	0010	0391	28201	2242	832					849	0.05	0.80								
	0015	0452	33453	2652	660					838	0.65									
	0020	0470	34219	2711	678					839	0.64	0.77								
	0030	0467	34366	2723	680					839	0.63	0.82								
	0040	0470	34447	2729	674					840	0.67	0.83								
	0050	0468	34491	2732	683					840	0.66									
	0060	0474	34534	2735	677					840	0.66	0.85								
	0070	0477	34602	2740	677					840	0.70	0.92								
	0080	0478	34613	2740	680					840	0.69	0.81								
	0090	0480	34628	2744	672					840	0.79	0.96								
	0100	0477	34645	2745	668					839	0.78	1.01								
BT Slide Sk 61/11601/71 N 56°57.5' E 11°45.5' Observer: Engström																				

11 "Skagerak"

1971

Station

77 Sweden

St. 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					
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64	
0062	56	34	012	13	0	971	04	19	21	0045	00	008	23	10	065			2	8	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					
21	0000	0522	18287	1450	833			852	0.01	0.34										3	3
	0005	0517	18272	1448	839			853	0.02	0.51											
	0010	0485	19931	1581	823			852	0.03	0.40											
	0015	0399	31743	2521	689			838	0.08	1.38											
	0020	0460	33719	2672	645			837	0.67	1.11											
	0030	0486	34493	2730	659			838	0.71	0.94											
	0040	0481	34504	2731	660			839	0.76	1.00											
BT Slide Sk 62/13259/71												Observer: Rudels									

11 "Skagerak"

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	
	°	'	°	'		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	
0063	56	14	012	22	0	971	04	19	24	0023	00	007	23	10	070			2	8	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					
24	0000	0557	16534	1308	847			849	0.05	0.52										3	3
	0005	0549	16634	1316	849			850	0.08	0.46											
	0010	0262	23896	1910	847			848	0.06	0.58											
	0015	0491	33731	2670	541			829	0.88	1.19											
	0020	0592	34170	2693	609			833	0.76	1.06											
BT Slide Sk 63/13259/71												N 56°14' E 12°22.2' Observer: Rudels									

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	55	56					57	58
0064	55	52	012	45	0	971	04	20	04	0051	01	000	23	06	070							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	Sat. method	Extra info.											
						ml/l	%																	
04	0000	0545	16758	1327	819			849	0.05	0.46	1.832	77	3											
	0005		18476		843				0.11	0.49	1.891													
	0010	0480	21552	1709	554			828	1.89	1.95	2.255													
	0015	0500	30175	2388	483			825	1.13	1.46	2.345													
	0020	0502	33021	2613	487			824	1.06	1.42	2.329													
	0030	0495	33164	2624	492			826	1.06	1.45	2.340													
	0051	0490	33222	2629	509			824	0.92	1.44	2.355													
									NO ₃ ⁻ -N µgat/l	NO ₂ ⁻ -N µgat/l	Tot.N µgat/l													
	0000								0.28	0.01	12.25													
	0005								0.29	0.01														
	0010								6.41	0.07														
	0015								5.20	0.08														
	0020								5.98	0.09	32.15													
	0030								8.65	0.09														
	0051								5.83	0.24	34.21													
BT Slide Sk 64/13259/71													N 55°51.8'		E 12°45.2'		Observer: Engström							

11 "Skagerak"

1971

Station

77 Sweden

Hamrarne sund

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
0066	55	18	014	24	0	971	04	20	17	0048	00	024	23	12	080			4	1	10																									
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														
17	0000	0369	07625	0612	992			839	0.02		3	3																																	
	0005	0363	07619	0612	994			841	0.06																																				
	0010	0360	07623	0612	994			842	0.05																																				
	0015	0350	07718	0621	999			841	0.08																																				
	0020	0348	07773	0624	988			841	0.05																																				
	0030	0224	07907	0636	942			830	0.09																																				
	0040	0193	08390	0675	899			823	0.09																																				
	0045	0173	10886	0876	794			813	0.16																																				
BT Slide Sk 66/13259/71												Observer: Rudels					N 55° 17.5' E 14° 24'																												

11 "Skagerak"

1971

Station

77 Sweden

Christiansö

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0067	55	23	015	20	0	971	04	20	21	0093	01	016	23	10	080			1	11	0																									
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -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													
21	0000	0288	07435	0599	988			833	0.22	1.478		3	3																																
	0005	0282	07414	0598	990			833	0.23	1.480																																			
	0010	0283	07419	0598	987			835	0.22	1.498																																			
	0015	0290	07420	0598	994			836	0.21	1.490																																			
	0020	0249	07441	0600	963			831	0.22																																				
	0030	0234	07477	0602	955			829	0.30																																				
	0040	0191	07511	0604	937			824	0.35																																				
	0050	0215	07868	0634	931			825	0.25																																				
	0060	0196	08599	0652	896			822	0.35																																				
	0070	0678	14162	1112	165			761	1.52																																				
	0080	0681	15711	1233	016			754	1.66																																				
	0090	0665	15924	1251	023			756	2.20																																				
BT Slide Sk 67/11601/71												Observer: Engström																																	

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Stolpe tröskel

Station No.	Lat.		Long.		N 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
0069	55	17	016	31	0	971	04	21	03	0065	01	000	29	04	030			0	0	20																									
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														
03	0000	0299	07514	0605	982			828	0.19	0.78		3	3																																
	0005	0287	07519	0606	971			832	0.19	0.69																																			
	0010	0282	07515	0606	977			833	0.18	0.65																																			
	0015	0288	07517	0606	982			833	0.17	0.68																																			
	0020	0281	07522	0606	965			831	0.20	0.57																																			
	0030	0274	07527	0607	962			829	0.22	0.52																																			
	0040	0243	07628	0615	947			827	0.22	0.50																																			
	0050	0199	07742	0624	920			822	0.31	0.53																																			
	0060	0335	09024	0723	737			802	0.62	0.90																																			
BT Slide Sk 69/13259/71												N 55°16.5'		E 16°31'		Observer: Rudels																													

11 "Skagerak"

1971

Station

77 Sweden

Stolpe ränna

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																							
	°	'	''	°	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																											
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0070	55	13	017	04	0	971		04	21	06		0091	01	033	27	08	080			0	0	20																							
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														
06	0000	0284	07520	0606	966			833	0.18	0.80	17.0	3	3																																
	0005	0286	07522	0606	972			832	0.17	0.78	16.5																																		
	0010	0290	07550	0608	963			831	0.21	0.81	17.5																																		
	0015	0283	07551	0608	961			831	0.24	0.62	17.5																																		
	0020	0279	07549	0608	964			830	0.24	0.59	18.5																																		
	0030	0273	07549	0608	955			829	0.25	0.53	17.5																																		
	0040	0254	07567	0610	945			828	0.25	0.49	17.5																																		
	0050	0232	07638	0614	904			823	0.33	0.49	16.5																																		
	0060	0214	07776	0626	879			818	0.40	0.53	19.0																																		
	0070	0489	10720	0848	503			783	0.94	1.18	36.5																																		
	0080	0546	11785	0935	385			772	1.13	1.38	43.5																																		
	0091	0623	12773	1008	265			762	1.36		52.0																																		
									Alkal.	NO ₃ ⁻ -N	NO ₂ ⁻ -N	NH ₄ ⁺ -N	Tot.N																																
									Mval/l	μgat/l	μgat/l	μgat/l	μgat/l																																
	0000								1.516	0.37	0.03	0.30	15.29																																
	0005								1.511	0.46	0.02	0																																	
	0007								1.514																																				
	0010									0.20	0.03	0																																	
	0015									0.15	0.03	0																																	
	0020									0.24	0.04	0																																	
	0030									0.35	0.05	0	22.20																																
	0040									0.54	0.09	0.09																																	
	0050									1.29	0.18	0.39																																	
	0060									1.94	0.17	0.59	13.09																																
	0070									3.94	0.03	1.81																																	
	0080									4.09	0.04	3.12																																	
	0091									9.03	0.05	2.80	32.57																																

BT Slide Sk 70/11601/71 Secchi disc: 8 m Observer: Engström

11 "Skagerak"

1971

Station

77 Sweden

Rysshålan

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
0071	55	38	018	36	0	971	04	21	13	0093	01	046	27	14	070					0	02	0																							
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	SiO ₂	Sol. method	Extra info.																																	
					ml/l	%							µgat/l	µgat/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																	
13	0000	0259	07596	0612	938			825	0.30	0.51	14.0	3	3																																
	0005	0256	07597	0612	946			825	0.26	0.65	13.5																																		
	0010	0252	07598	0612	935			825	0.26	0.54	13.5																																		
	0015	0249	07598	0612	938			824	0.26	0.50	13.5																																		
	0020	0245	07599	0612	944			824	0.26	0.54	13.5																																		
	0030	0242	07598	0612	953			824	0.27	0.48	13.5																																		
	0040	0245	07600	0612	933			823	0.27	0.53	13.5																																		
	0050	0223	07606	0612	929			822	0.29	0.47	13.5																																		
	0060	0178	07677	0619	903			816	0.37	0.57	15.0																																		
	0070	0371	09324	0747	301			762	1.42	1.58	40.5																																		
	0080	0426	10158	0811	117			749	1.88	1.99	53.5																																		
	0093	0510	11177	0890	181			747	1.72	1.99	54.5																																		
						Alkal.	NO ₃ ⁻ -N	NO ₂ ⁻ -N	NH ₄ ⁺ -N	Tot.N																																			
						Mval/l	µgat/l	µgat/l	µgat/l	µgat/l																																			
	0000					1.537	1.77	0.13	1.34	12.36																																			
	0005					1.532	1.87		0.65																																				
	0010					1.534	2.26		1.20																																				
	0015					1.53			0.71																																				
	0020					1.534	1.57		0.23																																				
	0030					1.547	1.56	0.13	0.37																																				
	0040					1.526	1.53		0.84																																				
	0050					1.532	1.64		0.61																																				
	0060					1.539	2.51	0.06	0.12	20.23																																			
	0070					1.619	2.51	0.03	0.13																																				
	0080					1.650	2.55		0																																				
	0093					1.662	4.77	0.04	0.79	24.67																																			
BT Slide Sk 71/11601/71												Observer: Engström																																	

11 "Skagerak"

1971

Station

77 Sweden

Klaipeda

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																							
	5	6	7	8	9	10		11	12	13					14	15	16	17					18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0072	56	08	019	17	0	971	04	21	18	0124	01	050	29	08	040					1	22	0																							
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot. P	SiO ₂	Sol. method	Extra info.																																	
					ml/l	%							μgat/l	μgat/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																	
18	0000	0284	07616	0613	930			833	0.26	0.58	15.5	3	3																																
	0005	0277	07616	0613	948			828	0.21	0.44	15.0																																		
	0010	0278	07616	0613	938			826	0.25	0.44	15.0																																		
	0015	0278	07620	0613	935			824	0.24	0.46	15.5																																		
	0020	0277	07618	0613	938			824	0.24	0.46	14.5																																		
	0030	0271	07620	0613	938			824	0.27	0.49	15.5																																		
	0040	0266	07622	0613	942			824	0.26	0.46	15.5																																		
	0050	0253	07645	0615	931			824	0.29	0.46	15.5																																		
	0060	0318	08860	0711	462			774	1.06	1.19	32.5																																		
	0070	0418	09949	0796	152			751	1.83	1.90	51.5																																		
	0080	0502	10742	0856	181			751	1.69	1.86	50.5																																		
	0090	0513	10988	0874	163			751	1.66	1.80	53.0																																		
	0100	0556	11490	0911	165			751	1.61	1.80																																			
	0124	0535	12083	0959	046			747	1.98	2.16	68.5																																		
								Alkal.	NO ₃ ⁻ -N	NO ₂ ⁻ -N	NH ₄ ⁺ -N	Tot. N																																	
								Mval/l	μgat/l	μgat/l	μgat/l	μgat/l																																	
	0000							1.529	1.69	0.18	0.53	12.51																																	
	0005							1.526	1.75		0																																		
	0010							1.526	2.02		0																																		
	0015							1.534	1.45		0.49																																		
	0020							1.532	1.52		0.13																																		
	0030							1.529	1.49	0.18	0.15																																		
	0040							1.529	1.47		0.06																																		
	0050							1.526	1.54		0																																		
	0060							1.609	2.60	0.04	0	10.48																																	
	0070							1.650	3.24		0																																		
	0080							1.662	3.30		0.05																																		
	0090							1.678	4.28	0.02	0.06																																		
	0100							1.680	4.84		0.56																																		
	0124							1.716	5.28	0.05	0.48	22.49																																	

BT Slide Sk 72/11601/71 Observer: Engström N 56° 07.5' E 19° 17'

11 "Skagerak"

1971

Station

77 Sweden

F 81 Gotland Deep

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																							
	5	6	7	8	9	10		11	12	13					14	15	16	17					18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0073	57	20	020	03	0	971	04	22	03	0238	02	061	07	02	030					15	1	0																							
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	SiO ₂	Sal. method	Extra info.																																	
					ml/l	%							μgat/l	μgat/l	μgat/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																	
03	0000	0256	07636	0615	955					815	0.29	0.55	15.5	3	3																														
	0005	0253	07633	0615	931					819	0.26	0.51	15.5																																
	0010	0253	07632	0615	929					821	0.27	0.52	15.0																																
	0015	0257	07632	0615	931					822	0.28	0.52	15.0																																
	0020	0253	07631	0615	929					821	0.28	0.49	15.0																																
	0030	0254	07631	0615	923					823	0.28	0.50	15.0																																
	0040	0251	07634	0615	930					823	0.29	0.60	15.5																																
	0050	0254	07634	0615	940					823	0.30	0.48	15.0																																
	0060	0259	08123	0643	737					800	0.61	0.79	18.5																																
	0070	0439	10090	0806	209					754	1.64	1.77	41.0																																
	0080	0464	10678	0853	134					749	1.70	1.89	43.0																																
	0090	0465	11024	0879	106					747	1.87	1.94	46.5																																
04	0100	0523	11340	0901	130					749	1.69	2.42	53.0																																
	0125	0519	11905	0946	084					747	1.85	2.49	59.0																																
	0150	0532	12310	0977	071					747	2.24	2.62	64.0																																
	0175	0544	12490	0991	030					744	2.34	2.93	71.0																																
	0200	0556	12667	1004	030					745	2.50	1.91	70.0																																
	0225	0559	12770	1012	017					751	2.63	1.96	73.0																																
	0235	0562	12790	1013	016					754	2.88	2.97	72.0																																
BT Slide Sk 73/11601/71												Secchi disc: 13 m		Observer: Engström																															

11 "Skagerak"

1971

Station

77 Sweden

F 81 Gotland Deep

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58 59
0073	57	20	020	03	0	971	04	22	03	0238	02	061	07	02	030						1	5	1	0
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Alkal.		NO_3^- -N	NO_2^- -N	NH_4^+ -N	Tot.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					77	78											
03	0000							1.534	2.50	0.18	0.36	13.56												
	0005							1.542	2.55	0.16	0.18													
	0010							1.537	2.70	0.17	0.08													
	0015							1.534	2.04	0.16	0.11													
	0020							1.521	2.04	0.16	0													
	0030							1.547	1.93	0.16	0													
	0040							1.532	2.51	0.17	0													
	0050							1.529	2.11	0.17	0.18													
	0060							1.552	3.18	0.07	0.18	9.80												
	0070							1.644	3.08	0.02	0.05	13.06												
	0080							1.665	3.60	0.02	0													
	0090							1.683	4.10	0.01	0													
04	0100							1.683	4.13	0.01	2.03													
	0125							1.714	4.73	0.01	3.70													
	0150							1.724	4.46	0.01	1.89	15.93												
	0175							1.737	5.22	0.05	1.45													
	0200							1.742	5.32	0.09	1.17													
	0225							1.773	5.71	0.12	3.82													
	0235							1.773	4.33	0.07	3.08	28.74												

11 "Skagerak"

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Station

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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
0074	57	22	019	44	0	971	04	22	07	0158	02	060	07	02	060			1	52	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	0311	07606	0613	988							846	0.15								3	3																							
	0005	0311	07603	0613	996							844	0.15																																
	0010	0283	07631	0614	944							835	0.21																																
	0015	0269	07633	0614	932							830	0.26																																
	0020	0256	07635	0615	940							829	0.25																																
	0030	0251	07637	0615	922							827	0.28																																
	0040	0248	07638	0615	924							825	0.29																																
	0050	0245	07643	0615	926							824	0.30																																
	0060	0309	08649	0694	559							786	0.93																																
	0070	0432	10065	0804	201							758	1.63																																
08	0080	0461	10674	0853	122							747	1.75																																
	0090	0494	11135	0887	124							748	1.79																																
	0100	0512	11471	0912	119							746	1.77																																
	0125	0527	11954	0950	131							745	1.93																																
	0150	0548	12586	0998	017							743	2.44																																
	0158	0538			019							750	2.43																																
BT Slide Sk 74/11601/71 N 57°21.5' E 19°44' Observer: Engström																																													

11 "Skagerak"
77 Sweden

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Station
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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				

0075 57 24 019 26 0 971 04 22 10 0119 01 058 11 06 060 4 8 20

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

10	0000	0262	07442	0600	937		823	0.20		3 3
	0005	0246	07447	0600	943		823	0.22		
	0010	0242	07452	0600	947		824	0.23		
	0015	0238	07452	0600	945		824	0.25		
	0020	0225	07453	0600	938		823	0.25		
	0030	0213	07466	0602	941		823	0.26		
	0040	0191	07597	0612	925		821	0.30		
	0050	0173	07670	0617	912		819	0.27		
	0060	0193	07738	0622	893		815	0.33		
	0070	0407	09551	0763	232		758	1.79		
	0080	0448	09659	0772	125		747	1.92		
	0090	0469	10944	0873	093		745	1.91		
	0100	0442	11443	0912	102		746	1.81		
	0119	0509	11930	0948	082		743	1.98		

BT Slide Sk 75/11601/71 N 57°23.5' E 19°26' Observer: Rudels

11 "Skagerak"

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Station

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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																							
5	6	7	8	9	10	11	12		13	14	15					16	17	18	19			20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57
0076	57	26	019	08	0	971	04	22	11	0051	01	041	09	02	100							4	6	20																					
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P μ 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													
11	0000	0254	07470	0601	954					823	0.29																	3	3																
	0005	0250	07470	0601	955					825	0.24																																		
	0010	0263	07469	0601	953					824	0.28																																		
	0015	0243	07469	0601	956					822	0.26																																		
	0020	0229	07473	0601	945					823	0.30																																		
	0030	0217	07478	0602	944					822	0.35																																		
	0040	0169	07545	0608	916					819	0.38																																		
	0051	0170	07609	0612	913					817	0.32																																		
BT Slide Sk 76/ 3259/71 N 57°25.5' E 19°07.5' Observer: Rudels																																													

11 "Skagerak"

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Station

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Hydro Depth Observations (Code 03)

Fårö 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		
0077	58	00	019	57	0	971	04	22	16	0200	02	029	05	12	035			1	3	10		
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Alkal.	NO ₃ ⁻ -N	NO ₂ ⁻ -N	NH ₄ ⁺ -N	Tot.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			77	78											
17	0000					1.526	0.96	0.11	0.62	14.39												
	0005					1.526	1.09		0.44													
	0010					1.532	1.03		0.20													
	0015					1.532	0.73		0.17													
	0020					1.526	1.10		0.13													
	0030					1.526	1.49		0.16													
	0040					1.542	1.95	0.13	0.25													
	0050					1.547	2.66		0.17	22.08												
	0060					1.585	2.56	0.03	0.03													
	0070					1.644	2.95		0.03													
16	0080					1.657	2.92		0													
	0090					1.691	3.61		0													
	0100					1.680	3.77	0.01	0	28.82												
	0125					1.698	4.37		0													
	0150					1.714	5.06	0.02	0.17													
	0175					1.721	4.24		0.86													
	0200					1.750	4.47	0.20	1.77	18.70												

11 "Skagerak"

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Station

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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	
0078	58	47	019	06	0	971	04	22	23	0170	02	000	36	12	010			0	0	20		
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P		Sal. method	Extra info.											
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58			59 60	61 62 63	64	77	78						
23	0000	0220	06676	0538		X		000		830	0.10										3	3
	0005	0214	06681	0538		X		014		832	0.08											
	0010	0216	06688	0538		X		011		833	0.08											
	0015	0206	06773	0546		X		001		832	0.12											
	0020	0178	06809	0549				966		825	0.18											
	0030	0148	06910	0556				957		820	0.37											
	0040	0119	07385	0594				921		816	0.38											
	0050	0127	07479	0602				901		814	0.41											
	0060	0196	07781	0626				778		808	0.72											
	0070	0361	09238	0742				328		758	1.84											
	0080	0430	09997	0800				124		745	2.41											
	0090	0465	10540	0843				058		740	2.62											
	0100	0472	10930	0872				053		740	2.38											
	0170	0468						055		742	2.59											
BT Slide Sk 78/11601/71 Observer: Engström																						

11 "Skagerak"

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Station

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Hydro Depth Observations (Code 03)

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																									
	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
0079	58	35	018	14	0	971	04	23	03	0438	04	022	05	14	010					1	32	0																							
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	SiO ₂	Sal. method	Extra info.																																	
					ml/l	%							$\mu\text{gat/l}$	$\mu\text{gat/l}$	$\mu\text{gat/l}$																														
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78																	
05	0000	0191	06572	0529	X	019							831	0.09	0.76	20.0				3	3																								
	0005	0184	06573	0529	X	026							830	0.09	0.69	20.5																													
	0010	0183	06575	0529	X	019							831	0.09	0.68	20.0																													
	0015	0184	06583	0529	X	020							832	0.09	0.68	20.5																													
	0020	0184	06937	0559		979							828	0.18	0.60	18.5																													
	0030	0132	07259	0584		942							821	0.35	0.66	18.5																													
	0040	0125	07455	0600		910							816	0.42	0.63	17.0																													
	0050	0274	08303	0667		592							782	1.23	1.37	32.0																													
	0060	0390	09305	0746		273							755	1.91	2.16	49.5																													
	0070	0425	09790	0782		129							746	2.38	2.49	57.5																													
	0080	0451	10097	0806		051							743	2.72	2.99	63.0																													
	0090	0460	10363	0828		039							739	2.58	2.78	64.0																													
	0100	0467	10667	0854		031							740	2.64	2.87	65.0																													
03	0125	0474	10812	0863		034							747	2.63	2.78	65.0																													
	0150	0487	10961	0873		028							742	2.50	2.87	66.0																													
	0200	0502	11153	0887		009							742	3.11	3.48	66.5																													
	0300	0592	11185	0886		043							744	2.31	2.53	63.0																													
	0400	0503	11216	0893		027							743	3.53	4.09	67.5																													
	0425	0488	11213	0893		044							743	2.46	2.75	69.5																													
BT Slide Sk 79/11601/71												Secchi disc: 6 m		Observer: Engström																															

11 "Skagerak"

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Station

77 Sweden

Landsort Deep

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	5	6	7	8		9	10	11					12	13	14	15					16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0079	58	35	018	14	0	971	04	23	03	0438	04	022	05	14	010			1	32	0																									
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Alkal.		NO_3^- -N	NO_2^- -N	NH_4^+ -N	Tot.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																								
03	0000							1.406	0.17	0.01	0.57	14.05																																	
	0005							1.406	0.67	0.01	0																																		
	0010							1.401	0.47	0.01	0																																		
	0015							1.406	0.02	0.01	0																																		
	0020							1.449	0.09	0.01	0																																		
	0030							1.490	1.76	0.13	0																																		
	0040							1.526	1.75	0.13	0																																		
	0050							1.573	2.00	0.04	0	23.77																																	
	0060							1.624	3.44	0.03	0																																		
	0070							1.632	2.14	0.02	0																																		
	0080							1.680	2.70	0.03	0																																		
	0090							1.691	2.46	0.03	0																																		
	0100							1.683	1.78	0.02	0																																		
05	0125							1.691	1.94	0.04	0.03																																		
	0150							1.701	1.70	0.04	0	9.84																																	
	0200							1.711		0.02	0.05																																		
	0300							1.698	2.73	0.06	0	19.98																																	
	0400							1.724	0.99	0.11	1.70																																		
	0425							1.696	2.48	0.08	0.14	11.55																																	

11 "Skagerak"

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Station

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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
0081	57	43	017	22	0	971	04	23	15	0142	01	021	05	16	050				1	13	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	62	63	64														
15	0000	0231	07159	0577	984			823	0.25		3	3																																	
	0010	0229	07158	0577	983			825	0.22																																				
	0020	0228	07163	0577	978			826	0.22																																				
	0030	0186	07207	0581	963			822	0.35																																				
	0040	0134	07247	0583	940			819	0.42																																				
	0050	0149	07517	0604	864			808	0.56																																				
	0060	0243	08072	0650	675			786	1.02																																				
	0070	0417	09632	0770	154			748	2.39																																				
	0080	0444	10110	0808	058			742	2.74																																				
	0090	0456	10309	0824	025			738	2.93																																				
	0100	0459	10370	0829	030			738	2.99																																				
	0125	0463	10433	0834	010			738	3.28																																				
	0142	0461	10462	0836	019			736	3.29	0																																			
										NO ₃ ⁻ -N	NO ₂ ⁻ -N	NH ₄ ⁺ -N																																	
										μgat/l	μgat/l	μgat/l																																	
	0000									0.50	0.06	0.57																																	
	0020									0.48		0.02																																	
	0040									1.74	0.15	0.10																																	
	0060									2.68	0.06	0.08																																	
	0070											0																																	
	0080									2.11		0																																	
	0090									1.59		0.57																																	
	0100									1.57	0.04	0.85																																	
	0125									0.41		3.34																																	
	0142									0.44	0.03	2.64																																	

BT Slide Sk 81/11601/71 Observer: Engström

11 "Skagerak"
77 Sweden

1971

Station
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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	51	52					53	54	55	56	57
0082	57	40	017	56	0	971		04	23	17	0106	01	025	05	22	030											1	1	30
Obs. time	Obs. depth	Temp.	Sal.	σ_t			Oxygen		pH	PO_4-P $\mu\text{gat}/1$	Tot.P $\mu\text{gat}/1$	SiO_2 $\mu\text{gat}/1$	Sal. method	Extra info.															
26	27	28	29	30	31	32	33	34							35	36	37	38	39	40	41	42	43	44	45	58	59	60	61
17	0000	0216	07088	0572					983					824	0.28	0.69	18.5										3	3	
	0005	0210	07090	0572					978					825	0.27	0.66	18.5												
	0010	0211	07090	0572					984					825	0.29	0.65	18.5												
	0015	0210	07090	0572					983					825	0.35	0.60	18.5												
	0020	0214	07090	0572					976					825	0.26	0.64	18.5												
	0030	0163	07199	0579					956					821	0.38	0.52	19.5												
	0040	0155	07237	0584					957					819	0.36	0.65	19.5												
	0050	0117	07275	0585					930					815	0.46	0.66	20.0												
	0060	0146	07478	0602					865					805	0.59	0.74	22.0												
	0070	0253	08102	0652					644					782	1.01	1.16	30.0												
	0080	0415	09645	0772					162					749	2.30	2.46	56.0												
	0090	0451	10204	0816					053					740	2.77	2.93	64.5												
	0100	0452	10367	0830					020					739	2.89	3.16	66.5												
	0106	0452	10389	0831					024					736	2.86	3.09	66.5												
										Alkal.	NO_3^- -N	NO_2^- -N	NH_4^+ -N	Tot.N															
										Mval/l	$\mu\text{gat}/1$	$\mu\text{gat}/1$	$\mu\text{gat}/1$	$\mu\text{gat}/1$															
										1.470	0.63	0.12	1.58	12.66															
										1.475	0.68		0.26																
										1.465	0.58		0.12																
										1.467	0.58		0.49																
										1.470	0.57		0.71																
										1.475	1.11	0.19	0.30																
										1.485	1.35		0.02																
										1.485	1.54		0.45	24.14															
										1.506	2.12		0.18																
										1.552	2.95	0.06	0.21																
										1.642	2.86	0.05	0.30																
										1.668	1.67		0.30																
										1.698	1.47																		
										1.670	1.38	0.05	0.98	11.74															
BT Slide Sk 82/11601/71 Observer: Engström																													

11 "Skagerak"

1971

Station

77 Sweden

Norrköping Deep

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0084	58	00	017	58	0	971	04	26	09	0200	02	034	05	24	020			1	54	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	0202	07004	0564	983		832	0.17	0.56	18.0		3 3																																	
	0005	0203	07003	0564	982		823	0.19	0.61	17.5																																			
	0010	0196	07004	0564	982		829	0.21	0.57	17.0																																			
	0015	0194	07003	0564	982		829	0.16	0.62	17.5																																			
	0020	0192	07004	0564	981		831	0.22	0.64	17.5																																			
	0030	0199	07004	0564	986		831	0.21	0.58	17.5																																			
	0040	0110	07169	0576	951		820	0.38	0.59	18.0																																			
	0050	0116	07248	0583	929		819	0.41	0.55	17.5																																			
	0060	0116	07403	0595	919		818	0.45	0.55	16.5																																			
	0070	0222	07875	0634	735		795	0.83	1.01	25.5																																			
09	0080	0291	08372	0672	599		770	1.24	1.33	33.5																																			
	0090	0416	09665	0774	170		746	2.32	2.45	55.5																																			
	0100	0451	10139	0810	058		740	2.78	2.81	64.0																																			
	0125	0461	10378	0830	016		739	2.98	3.08	67.0																																			
	0150	0470	10497	0840	0		740	3.26	3.45	69.0																																			
	0175	0475	10623	0848	0		739	3.46	3.75	72.0																																			
						H ₂ S	Alkal.	NO ₃ ⁻ -N	NO ₂ ⁻ -N	NH ₄ ⁺ -N	Tot.N																																		
						μgat/l	Mval/l	μgat/l	μgat/l	μgat/l	μgat/l																																		
10	0000					1.460		0.13	0.04	1.17	16.99																																		
	0005					1.449		0.18	0.06	0.82																																			
	0010					1.439		0.16	0.06	0.68																																			
	0015					1.460		0.11	0.04	0.71																																			
	0020					1.460		0.10	0.04	0.50																																			
	0030					1.465		0.18	0.05	0.43																																			
	0040					1.483		1.43	0.18	0.72	23.36																																		
	0050					1.490		1.43	0.19	0.62																																			
	0060					1.493		3.08	0.18	0.41																																			
	0070					1.537		2.48	0.10	0.45	16.57																																		
09	0080					1.575		2.27	0.06	0.30																																			
	0090					1.629		2.18	0.04	0.39																																			
	0100					1.660		1.77	0.02	0.44																																			
	0125					1.675		1.21	0.05	0.63																																			
	0150				1.1	1.683		0.29	0.03	1.90	22.90																																		
	0175				4.1	1.701		0	0.03	3.39	28.04																																		

BT Slide Sk 84/11601/71 Secchi disc: 8 m Observer: Engström

11 "Skagerak"

1971

Station

77 Sweden

F 75 = I, 19

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
0085	58	53	020	19	0	971	04	26	20	0175	02	015	05	16	005			0	04	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					
21	0000	0177	07250	0583	974		832	0.13	0.56	15.5		3	3								
	0005	0178	07254	0583	976		831	0.08	0.55	14.5											
	0010	0177	07267	0585	973		830	0.12	0.59	14.5											
	0015	0168	07328	0590	956		828	0.19	0.55	14.5											
	0020	0197	07405	0597	960		828	0.13	0.66	13.5											
	0030	0223	07449	0600	968		827	0.12	0.52	14.0											
	0040	0221	07456	0601	964		827	0.10	0.53	13.0											
	0050	0219	07465	0602	958		826	0.10	0.59	13.0											
	0060	0175	07658	0616	898		814	0.22	0.59	15.5											
	0070	0418	10015	0802	175		754	1.69	2.08	50.0											
20	0080	0445	10454	0836	101		755	2.04	2.32	56.5											
	0090	0462	10493	0838	073		747	2.06		58.5											
	0100	0471	11045	0882	062		745	2.09	2.37	60.0											
	0125	0483	11280	0899	052		744	2.15	2.34	61.0											
	0150	0495	11506	0916	060		744	2.14	2.35	62.5											
	0165	0506	11672	0928	054		744	2.13	2.41	63.0											
								Alkal.	NO ₃ ⁻ -N	NO ₂ ⁻ -N	NH ₄ ⁺ -N	Tot.N									
								Mval/l	µgat/l	µgat/l	µgat/l	µgat/l									
21	0000							1.521	0.40	0.06	2.85	18.94									
	0005							1.532	0.78		1.52										
	0010							1.532	0.76		1.76										
	0015							1.539	1.08		1.89										
	0020							1.555	1.45	0.08	2.27										
	0030							1.544	1.77	0.11	2.09	19.76									
	0040							1.573	1.18		1.69										
	0050							1.542	1.65		0.63										
	0060							1.547	2.32	0.16	0.77	21.98									
	0070							1.647	1.97	0.03	0.53										
20	0080							1.660	2.75		0.53										
	0090							1.706	3.05		0.41										
	0100							1.688	2.21	0.06	0.41	25.52									
	0125							1.683	3.36		0.15										
	0150							1.706	3.72		0.15										
	0165							1.714	2.72	0.11	0.23	19.34									

BT Slide Sk 85/11601/71 Observer: Engström

11 "Skagerak"

1971

Station

77 Sweden

F 72

Hydro Depth Observations (Code 0 3)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0086	59	17	021	34	0	971	04	27	02	0195	02	023	05	14	010				0	02	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
03	0000	0170	06955	0560		027		836	0.21	0.80	1.498	3	3															
	0005	0167	06955	0560		021		839	0.13	0.77	1.498																	
	0010	0171	06953	0560		021		841	0.11	0.73	1.498																	
	0015	0175	06954	0560		027		841	0.11	0.75	1.498																	
	0020	0173	06953	0560		027		841	0.12	0.78	1.498																	
	0030	0167	06977	0562		018		840	0.22	0.70	1.516																	
	0040	0159	07376	0594		947		827	0.28	0.57	1.542																	
	0050	0127	07540	0606		918		818	0.38	0.60	1.542																	
	0060	0179	07863	0633		813		804	0.58	0.85	1.562																	
	0070	0384	09603	0770		278		760	1.57	1.75	1.637																	
	0080	0445	10411	0832		382		747	2.14	2.30	1.675																	
	0090	0468	10743	0858		063		744	2.21	2.40	1.685																	
02	0100	0470	10751	0858		055		745	2.30	2.55	1.685																	
	0125	0471	10877	0870		043		743	2.33	2.63	1.691																	
	0150	0472	10988	0876		034		743	2.31	2.58	1.678																	
	0175	0479	11016	0879		032		741	2.29	2.58	1.685																	

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	SiO ₂ µgat/l	NO ₃ ⁻ -N µgat/l	NO ₂ ⁻ -N µgat/l	NH ₄ ⁺ -N µgat/l	Tot.N µgat/l	Sal. method	Extra info.
					ml/l	%								
03	0000						14.5	0.33	0.06	0.73	19.62			
	0005						15.5	0.53	0.03	0.33				
	0010						15.0	0.99	0.03	0.56				
	0015						15.0	0.03	0.01	0.32				
	0020						14.0	0.03	0.01	0.19				
	0030						14.0	0.07	0.03	0.21				
	0040						13.5	1.53	0.10	0.25				
	0050						14.5	2.81	0.09	0.48				
	0060						19.0	2.60	0.06	0.11	18.32			
	0070						43.5	2.11	0	0.19	24.42			
	0080						55.5	3.97	0.01	0.19				
	0090						59.5	3.79	0.01	0.24				
02	0100						59.0	4.37	0	0.27	19.16			
	0125						61.0	5.34	0.02	0.49				
	0150						62.0	5.84	0.03	0.23				
	0175						62.5	2.79	0.05		28.15			

BT Slide Sk 86/11601/71 N 59°17.48' E 21°34' Observer: Engström
Secchi disc: 6 m

11 "Skagerak"

1971

Station

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	
	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
0087	59	02	021	05	0	971	04	27	07	0205	02	045	32	08	000			1	62	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										
07	0000	0188	07299	0589		974		828	0.20												33
	0005	0183	07297	0589		975		827	0.16												
	0010	0181	07298	0589		977		827	0.18												
	0015	0181	07322	0590		976		827	0.18												
	0020	0173	07348	0592		975		828	0.17												
	0030	0175	07389	0594		977		829	0.13												
	0040	0182	07400	0594		968		826	0.10												
	0050	0173	07503	0603		935		822	0.23												
	0060	0169	07678	0619		904		815	0.34												
	0070	0354	09068	0727		404		761	1.36												
	0080	0442	10396	0832		103		745	2.05												
	0090	0456	10710	0856		078		743	2.00												
	0100	0465	10861	0868		071		746	2.10												
	0125	0470	11019	0880		059		743	2.10												
	0150	0478	11229	0895		048		742	2.12												
	0175	0487	11310	0901		046		741	2.15				0								
BT Slide Th 87/11601/71												Observer: Engström									

11 "Skagerak"

1971

Station

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																																											
5	6	7	8	9	10		11	12	13					14	15	16	17	18	19					20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64												
00	88	58	27	02	0	0	9	7	1	04	27	12	01	21	01	000	25	12	0	20																									1	6	20																			
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	0225	06998	0564	011																																																			3	3									
	0005	0218	07024	0566	011																																																													
	0010	0208	07123	0573	013																																																													
	0015	0212	07128	0574	000																																																													
	0020	0219	07321	0590	991																																																													
	0030	0192	07464	0601	949																																																													
	0040		07626		925																																																													
	0050	0172	08169	0657	912																																																													
	0060	0252			673																																																													
	0070	0344	08983	0721	400																																																													
	0080	0433	10099	0807	139																																																													
	0090	0459	10631	0850	078																																																													
	0100	0478	11170	0891	082																																																													
	0121	0473			075																																																													

BT Slide Sk 88/11601/71 N 58°26.5' E 20°20' Secchi disc: 7 m

Observer: Engström

11 "Skagerak"

1971

Station

77 Sweden

S 41

Hydro Depth Observations (Code 0 3)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0089	57	07	017	40	0	971	04	28	00	0113	01	045	25	10	015			0	02	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														
00	0000	0244	07264	0585	968			0.26	1.03	1.490		33																																	
	0005	0238	07262	0585	973			0.17	0.78	1.490																																			
	0010	0239	07263	0585	977			0.24	0.69	1.490																																			
	0015	0240	07263	0585	975			0.24	0.76	1.490																																			
	0020	0244	07266	0586	972			0.22	0.84	1.490																																			
	0030	0239			977			0.22	0.81	1.490																																			
	0040	0235	07266	0586	985			0.24	0.64	1.488																																			
	0050	0180	07374	0593	944			0.35	0.56	1.508																																			
	0060	0192	07627	0614	830			0.62	0.85	1.521																																			
	0070	0346	08999	0722	324			1.77	1.98	1.598																																			
	0080	0428	09888	0791	086			2.52	2.77	1.652																																			
	0090	0444	10109	0808	047			2.80	2.91	1.665																																			
	0100	0455	10243	0819	022			3.12	3.35	1.680																																			
	0113	0446	10278	0823	036			3.30	3.64	1.657																																			
								SiO ₂	NO ₃ ⁻ -N	NO ₂ ⁻ -N	NH ₄ ⁺ -N	Tot.N																																	
								μgat/l	μgat/l	μgat/l	μgat/l	μgat/l																																	
	0000							20.0	0.26	0.04	0.65	22.23																																	
	0005							19.5	0.53	0.03	0.47																																		
	0010							19.5	0.09	0.02	0.24																																		
	0015							19.5	0.09	0.02	0.17																																		
	0020							19.5	0.02	0.01	0.38																																		
	0030							20.0	0.04	0.01	0.32																																		
	0040							20.0	0.03	0.01	0.26	24.18																																	
	0050							17.5	0.64	0.13	0.32	20.65																																	
	0060							24.0	1.80	0.16	0.30																																		
	0070							49.0	1.83	0.03	0.09	18.99																																	
	0080							63.5	1.91	0.03	0.19																																		
	0090							66.0	1.96	0.03	0.11																																		
	0100							68.5	1.53	0.05	0.13																																		
	0113							68.5	1.74	0.16	0.43	23.74																																	
BT Slide Sk 89/11601/71													Observer: Engström																																

11 "Skagerak"

1971

Station

77 Sweden

Segerstad II

Hydro Depth Observations (Code 0 3)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice		
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb						
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 :57	58 59 :60	61	62	63	64		
0091	56	30	016	52 0		971	04	28	07	0068	01	042	25	08	018			0	0	20		
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						
07	0000	0252	07240	0583		966		827	0.21												3	3
	0005	0243	07237	0583		973		829	0.18													
	0010	0242	07238	0583		969		830	0.21													
	0015	0240	07238	0583		962		830	0.24													
	0020	0245	07236	0583		974		829	0.29													
	0030	0242	07236	0583		971		829	0.29													
	0040	0239	07251	0584		970		827	0.30													
	0050	0247	07275	0587		976		829	0.31													
	0060	0186	07280	0587		790		801	0.71													
	0068	0258	08390	0675		493		774	1.34													
BT Slide Sk 91/11601/71 N 56°29.5' E 16°52' Observer: Engström																						

11 "Skagerak"

1971

Station

77 Sweden

Segerstad III

Hydro Depth Observations (Code 0 3)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice		
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb						
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 :57	58 59 :60	61	62	63	64		
0092	56	19	016	41 0		971	04	28	08	0045	00	000	25	08	018			0	02	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						
08	0000	0265	07253	0584		972		829	0.18												3	3
	0005	0262	07245	0584		967		831	0.18													
	0010	0268	07245	0584		970		830	0.20													
	0015	0263	07245	0584		964		831	0.24													
	0020	0261	07245	0584		973		831	0.24													
	0030	0254	07246	0584		958		830	0.24													
	0040	0256	07246	0584		964		830	0.24													
BT Slide Sk 92/13259/71 Observer: Engström																						

11 "Skagerak

1971

Station

77 Sweden

Ölands S-grund-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																									
	5	6	7	8		9	10	11					12	13	14	15					16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0093	56	07	016	32	0	971	04	28	10	0050	00	000	23	08	040			0	02	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																	
10	0000	0331	07399	0596	975		798	0.39	0.50	1.501		33																																	
	0005	0328	07400	0596	974		818	0.18	0.50	1.503																																			
	0010	0312	07467	0602	978		831	0.15	1.42	1.511																																			
	0015	0305	07485	0603	965		832	0.13	0.54	1.498																																			
	0020	0295	07494	0603	955		831	0.17	0.48	1.511																																			
	0030	0289	07500	0604	958		831	0.19	0.48	1.511																																			
	0040	0250	07578	0610	949		825	0.27	0.56	1.514																																			
	0050	0218	07651	0616	913		816	0.28	0.65	1.514																																			
						SiO ₂	NO ₃ ⁻ -N	NO ₂ ⁻ -N	NH ₄ ⁺ -N	Tot.N																																			
						µgat/l	µgat/l	µgat/l	µgat/l	µgat/l																																			
	0000					17.0	0.21	0.01	1.09	17.53																																			
	0005					16.5	0.16	0.02	0.44																																				
	0010					16.0	0.06	0.01	0.27																																				
	0015					15.5	0.03	0.01	0.42	18.80																																			
	0020					15.5	0.03	0.01	0.41	22.19																																			
	0030					16.0	0.04	0.02	0.42																																				
	0040					16.5	0.17	0.05	0.30																																				
	0050					17.5	0.51	0.08	0.53	18.81																																			
BT Slide Sk 93/11601/71												Secchi disc: 12 m		Observer: Engström																															

11 "Skagerak"

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				
0094	54	56	013	15	0	971	06	08	09	0045	00		27	08	150			0	01	0
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	Tot.P μ 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	1070	07656	0567	799														3	0
	0005	1070	07639	0565	801															
	0010	1053	07639	0567	805															
	0015	0937	07654	0581	819															
	0020	0931	07663	0582	810															
	0030	0819	07698	0595	776															
	0040	0785	09634	0749	644															
	0045	0694	13125	1031	531										0.58					8
BT Slide Sk 96/13259/71 N 54°56.2' E 13°15' Observer: Hagberg																				

11 "Skagerak"

1971

Station

77 Sweden

S 12

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
0095	55	00	014	04	0	971	06	08	15	0046	00		27	10	140			1	61	0
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	Tot.P μ 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			
15	0000	1123	07607	0558	809														3	0
	0005	1124	07599	0557	808															
	0010	1114	07605	0558	813															
	0015	1079	07607	0562	803															
	0020	0745	07727	0603	793															
	0030	0685	07779	0611	781															
	0040	0620	08347	0660	726															
	0045	0586	10852	0860	457										1.20					
BT Slide Sk 97/13259/71 Observer: Hagberg																				

11 "Skagerak"

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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																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0096	55	15	016	00	0	971	06	09	01	0090	01			29	04	100			9	91	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	77	78														
01	0000	1007	07526	0563																																									
	0005	0998	07518	0564																																									
	0010	0969	07521	0568																																									
	0015	0743	07547	0590																																									
	0020	0563	07548	0601																																									
	0030	0535	07549	0602																																									
	0040	0491	07567	0605																																									
	0050	0355	07702	0620	814																																								
	0060	0327	09780	0784	611																																								
	0070	0714	14464	1133	031																																								
	0080	0693	15624	1223	005																																								
	0085	0664	15919	1251	0					8.29																																			
BT Slide Sk 98/11601												Observer: Hagberg																																	

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

S 23

Station No.	Lat.		Long.		N 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	
0097	55	13	017	04	0	971	06	09	13	0087	01			00	00	100					4	8	0	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												
13	0000	1105	07578	0556																				3	0
	0005	1062	07545	0559																					
	0010	0911	07530	0574																					
	0015	0659	07577	0597																					
	0020	0597	07597	0602																					
	0030	0544	07584	0604																					
	0040	0536	07601	0606																					
	0050	0505	07614	0608																					
	0060	0240	08099	0652	760																				
	0070	0367	09837	0790	507																				
	0080	0543	12262	0973	187																				
	0085	0619	13441	1061	073																				
BT Slide 99/11601/71											Observer: Hagberg														

11 "Skagerak"

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Station

77 Sweden

Hydro Depth Observations (Code 03)

Yttre Gdansk

Station No.	Lat.		Long.		N 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
0098	55	20	018	48	0	971	06	09	21	0089	01			05	12	110									27	2	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
21	0000	1267	07438	0524												0.49										3	8	
	0005	1266	07427	0523																							0	
	0010	1264	07430	0524																								
	0015	1043	07429	0552																								
	0020	0716	07481	0585																								
	0030	0577	07501	0595																								
	0040	0305	07594	0611																								
	0050	0245	07617	0614						836																		
	0060	0192	07672	0617						832																		
	0070	0373	09208	0739						323																		
	0080	0459	10355	0828						160																		
	0085	0580	11618	0920						079						2.25											8	
BT Slide Sk 100/11601/71												Observer: Hagberg																

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

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	
	°	'	°	'		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		
0099	56	07	019	16	0	971	06	10	04	0123	01		05	16	120		2	73	0			
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Tot.P		Sol. method	Extra info.											
					ml/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											
04	0000	1253	07549	0533								0.49							3	8		
	0005	1256	07538	0532																0		
	0010	1257	07532	0532																		
	0015	1252	07537	0532																		
	0020	0687	07550	0592																		
	0030	0540	07582	0603																		
	0040	0384	07592	0610																		
	0050	0304	07626	0614																		
	0060	0276	07679	0618				754														
	0070	0341	08932	0717				390														
	0080	0478	10452	0832				143														
	0090	0516	10843	0864				065														
	0100	0514	10928	0870				077														
	0120	0569	11941	0946				063					1.99							8		
BT Slide Sk 101/11601/71 Observer: Hagberg																						

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	
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56
0100	56	51	018	52	0	971	06	10	11	0110	01		05	16	120					2	7	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	58			59 60	61 62 63	64	77	78							
11	0000	1156	07366	0534								0.51										3	8
	0005	1153	07354	0533																			0
	0010	1148	07363	0534																			
	0015	1095	07372	0543																			
	0020	0675	07356	0580																			
	0030	0544	07434	0592																			
	0040	0434	07461	0599																			
	0050	0266	07549	0608																			
	0060	0260	07630	0614					840														
	0070	0255	08073	0650					660														
	0080	0402	09655	0773					154														
	0090	0445	10297	0824					058														
	0100	0474	11003	0878					068														
	0105	0505	11334	0902					064														8
BT Slide Sk 102/11601/71												Observer: Hagberg											

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		
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58 59
0101	57	10	018	50	0	971	06	10	17	0041	00		07	16	120					16	3	0		
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Tot.P		Sal. method	Extra info.													
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58			59 60	61 62 63	64	77	78								
17	0000	1144	07188	0522																			3	8
	0005	1148	07182	0521																				0
	0010	1148	07182	0521																				
	0015	1119	07192	0525					805															
	0025	0903	07193	0548					859															
	0035	0510	07326	0585					830															8
BT Slide Sk 103/13259/71												Observer: Hagberg												

11 "Skagerak"

1971

Station

77 Sweden

S 41

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
0102	57	07	017	40	0	971	06	10	24	0112	01		05	18	110					9	82	0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	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									
24	0000	1107	07331	0537																		38	
	0005	1106	07332	0537																			0
	0010	1110	07331	0537																			
	0015	1070	07330	0541																			
	0020	0594	07301	0580																			
	0030	0538	07388	0590																			
	0040	0494	07418	0593																			
	0050	0348	07478	0602																			
	0060	0285	07548	0608		838																	
	0070	0384	09454	0758		137																	
	0080	0441	10068	0804		012																	
	0090	0452	10236	0819		0																	
	0100	0458	10323	0823		0																	
	0110	0454	10376	0830		0																	8
BT Slide Sk		104/11601/71		Observer: Hagberg																			

11 "Skagerak"

1971

Station

77 Sweden

Snitt Västervik
Stn. A

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice			
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	58	59					60	61	62
1102	57	39	017	12	0	971	06	14	06	0098	01												99	9	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	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											
06	0098	0462	10378	0830		0																		3	8
Observer: Hagberg		N 57°38.5' E 17°11.5'																							

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Snitt Västervik

Stn. 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																												
	°	'	°	'		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			
2102	57	41	016	59	0	971	06	14	08	0097	01																														9	9	90					
Obs. time	Obs. depth		Temp.		Sal.	σ_t			Oxygen		pH	Tot. P		Weather	Cloud amount	State of sea	Ice																															
26	27	28	29	30	31	32	33	34	35	36		37	38					39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	77	78			
08	0097		0630		06846	0542			843			0.50																															38					
																							N 57°40.5' E 16°59' Observer: Hagberg																									

11 "Skagerak"

1971

Station

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																																				
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64							
0103	58	00	018	00	0	971	06	14	13	0208	02			23	02	140																											1	10	0							
Obs. time	Obs. depth		Temp.		Sal.	σ_t			Oxygen		pH	Tot. P		Weather	Cloud amount	State of sea	Ice																																			
26	27	28	29	30	31	32	33	34	35	36		37	38					39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	77	78							
13	0000		0913		07190	0546																																					3	0								
	0005		0914		07188	0546																																														
	0010		0795		07183	0556																																														
	0015		0690		07183	0564																																														
	0020		0617		07208	0570																																														
	0030		0335		07232	0582																																														
	0040		0176		07393	0595																																														
	0050		0266		07893	0634																																														
	0060		0292		08448	0680																																														
	0070		0380		09259	0742			241																																											
	0080		0442		10028	0802			051																																											
	0090		0464		10355	0828			012																																											
	0100		0463		10428	0833			002																																											
	0125		0470		10546	0842			002																																											
	0150		0471		10610	0847			003																																											
	0175		0472		10661	0851			006																																											
	0190		0478		10752	0858			002																																											
																							BT Slide Sk 11601/105/71 Observer: Hagberg																													

11 "Skagerak"

1971

Station

77 Sweden

Landsort 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	58	59				
1103	58	36	018	13	0		971	06	14	18	0080	01			16	04	140					1	1	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	ml/l	%	ugat/l		77	78				
18	0080	0485	10733	0856	008			3.32			3	8												
N 58°36' E 18°12.5' Observer: Hagberg																								

11 "Skagerak"

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Station

77 Sweden

F 78

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				
0104	58	35	018	14	0		971	06	14	20	0450	04			14	06	160					1	1	10
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	ml/l	%	ugat/l		77	78				
20	0000	1029	06979	0518							3	0												
	0005	1026	06967	0518																				
	0010	0860	06969	0534																				
	0015	0788	07010	0544																				
	0020	0743	07009	0547																				
	0030	0568	07077	0562																				
	0040	0348	07160	0577																				
	0050	0222	07264	0585																				
	0060	0198	07397	0596																				
	0070	0207	07662	0615	766																			
	0080	0455	10417	0833	018																			
	0090	0483	10904	0870	020																			
	0100	0483	10911	0871	027						2.57													
	0125	0478	10969	0874	014							8												
	0150	0480	11056	0882	025							0												
	0200	0487	11142	0888	019																			
	0300	0485	11197	0892																				
	0400	0490	11213	0893																				
	0425	0487	11225	0894																				
	0440	0489	11214	0893							2.44	8												
Observer: Hagberg																								

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

NE Sandön

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
0105	58	28	019	28	0	971	06	15	02	0082	00			27	08	100			1	22	0																								
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Sel. method	Extra info.																																				
					ml/l	%																																							
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78																	
02	0000	0828	06658	0513																										30															
	0005	0828	06650	0513																																									
	0010	0831	06647	0513																																									
	0015	0753	06788	0528																																									
	0020	0747	06823	0532																																									
	0030	0417	07147	0574																																									
	0040	0264	07273	0586																																									
	0050	0195	07378	0594																																									
	0060	0189	07606	0612						781																																			
	0070	0294	08484	0681						496																																			
	0075	0334	08813	0708						389																																			
BT Slide Sk 106/11601/71										Observer: Lindblom																																			

11 "Skagerak"

1971

Station

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																													
	5	6	7	8	9	10		11	12	13					14	15	16	17	18	19					20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62
0106	58	00	019	54	0	0971	06	15	06	0203	02				27	08	100							00	1	0																											
Obs. time	Obs. depth	Temp.			Sal.	σ_t		Oxygen		pH	Tot.P $\mu\text{gat}/1$	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																							
06	0000	0675	07101	0559						0.39		38																																									
	0005	0675	07097	0559							0																																										
	0010	0660	07100	0560																																																	
	0015	0656	07097	0560																																																	
	0020	0645	07099	0562																																																	
	0030	0434	07380	0592																																																	
	0040	0219	07478	0603																																																	
	0050	0220	07548	0608																																																	
	0060	0205	07647	0615																																																	
	0070	0326	08837	0710			400																																														
	0080	0427	10091	0806			106																																														
	0090	0465	10705	0856			062																																														
	0100	0489	11183	0891			083			2.20																																											
	0125	0522	11851	0942			065				8																																										
	0150	0530	12135	0964			015				0																																										
	0175	0530	12209	0970			006																																														
	0195	0540	12285	0975			0			4.13	8																																										

Observer: Hagberg

11 "Skagerak"

1971

Station

77 Sweden

F-81

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
0107	57	20	020	03	0	971	06	15	12	0249	02		23	08	110			15	1	0		
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Tot.P $\mu\text{g}/\text{l}$	Sol. method	Extra info.												
					ml/l	%																
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63	64										77	78
12	0000	1058	07466	0553									0.43								3	8
	0005	1059	07468	0553																		0
	0010	0910	07484	0569																		
	0015	0872	07482	0573																		
	0020	0758	07471	0582																		
	0030	0274	07504	0604																		
	0040	0232	07582	0612																		
	0050	0212	07668	0617																		
	0060	0288	08420	0677																		
	0070	0401	09527	0763																		
	0080	0450	10168	0811				160														
	0090	0473	10736	0857				094														
	0100	0483	10965	0873				088					2.15									8
	0125	0526	11117	0884				099														0
	0150	0539	12278	0974				039														
	0175	0547	12532	0993				011														
	0200	0557	12660	1003				007														
	0225	0560	12730	1009				006														
	0240	0567	12759	1011				002					3.55									8

Observer: Hagberg

11 "Skagerak"

1971

Station

77 Sweden

Hoburgs bank

Hydro Depth Observations (Code 0 3)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice		
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb						
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64		
0108	56	43	018	35	0	971	06	15	22	0018	00		09	16	110			9	8	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							
22	0000	1058	07357	0545																	30	
	0005	1058	07350	0544																		
	0010	1039	07353	0546																		
	0015	0887	07372	0563		796																
BT Slide Sk 107/13259/71 Observer: Hagberg																						

11 "Skagerak"

1971

Station

77 Sweden

N Midsjöbanken

Hydro Depth Observations (Code 0 3)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice		
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb						
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64		
0109	56	10	017	20	0	971	06	16	04	0018	00		18	02	100			4	81	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							
04	0000	0956	07453	0562																	30	
	0005	0953	07452	0562																		
	0010	0952	07463	0563																		
	0015	0946	07461	0564		779																
BT Slide Sk 108/13259/71 Observer: Hagberg																						

11 "Skagerak"

1971

Station

77 Sweden

S 2

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	
0110	55	26	014	26	0	971	06	17	10	0075	01		25	16	120			1	33	0	
Obs. time	Obs. depth	Temp.	Sol.	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								
10	0000	1036	07584	0565																30	
	0005	1049	07584	0564																	
	0010	1038	07593	0565																	
	0015	1045	07602	0565																	
	0020	1024	07596	0568																	
	0030	0742	07721	0603																	
	0040	0684	07900	0621																	
	0050	0635	08821	0696																	
	0060	0610	11035	0873																	
	0070	0601	14241	1125				036													
BT Slide Sk 109/13259/71 Observer: Hagberg																					

11 "Skagerak"

1971

Station

77 Sweden

S Ven

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	
0111	55	52	012	45	0	971	06	17	23	0035	00		25	24	130			9	8	30	
Obs. time	Obs. depth	Temp.	Sol.	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								
23	0000	1343	18307	1348																3	0
	0005	1347	18330	1349																	
	0010	0925	25623	1979																	
	0015	0713	32431	2541																	
	0020	0563	33648	2655																	
	0030	0536	34086	2692				473													
BT Slide Sk 110/13259/71 N 55°51.8' E 12°45.2' Observer: Hagberg																					

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 0 3)

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			
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55
0112	55	52	012	45	0	971	06	28	22	0040	00		09	06	130						2	80	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
22	0000	1476	09426	0646																					30
	0005	1476	09996	0689																					
	0010	1305	21038	1563																					
	0015	0625	33193	2611																					
	0020	0563	33811	2668																					
	0030	0547	34007	2685																					
	0040	0536	34088	2693				451																	
BT Slide Sk 110/13259/71 Observer: Lindblom																									

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 0 3)

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	51	52					53	54	55	56	57	58
0113	55	00	013	18	0	971	06	29	07	0045	00		34	16	120											68	2	8
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			
07	0000	1262	07539	0532																							30	
	0005	1261	07567	0536																								
	0010	1258	07578	0537																								
	0015	1269	07662	0541																								
	0020	1198	07826	0564																								
	0030	0996	08698	0656																								
	0040	1214	12293	0908				582																				
BT Slide Sk 111/13259/71 Observer: Lindblom																												

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																							
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58	59	60															
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0114	55	00	014	05	0	971	06	29	12	0047	00			02	14	120																					2	82	0						
Obs. time	Obs. depth	Temp.	Sol.	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																	
12	0000	1250	07675	0545																																		30							
	0005	1248	07674	0545																																									
	0010	1245	07672	0545																																									
	0015	1247	07671	0545																																									
	0020	1087	07666	0566																																									
	0030	1026	10884	0812																																									
	0040	1057	11047	0831					568																																				
BT Slide Sk 112/13259/71				Observer: Lindblom																																									

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

S 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																							
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58	59	60															
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0115	55	18	014	24	0	971	06	29	16	0050	00			32	12	130																													
Obs. time	Obs. depth	Temp.	Sol.	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																	
16	0000	1231	07385	0526																																									
	0005	1224	07390	0527																																									
	0010	1214	07389	0528																																									
	0015	1215	07385	0528																																									
	0020	0965	07487	0565																																									
	0030	0669	07564	0595																																									
	0040	0789	07982	0619					700																																				
BT Slide Sk 113/13259/71				N 55°17.5' E 14°24' Observer: Lindblom																																									

11 "Skagerak"

1971

Station

77 Sweden

ENE Simrishamn

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
0116	55	36	014	36	0	971	06	29	20	0065	01		34	12	128			2	7	20																									
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																	
20	0000	1249	07491	0525																								30																	
	0005	1246	07412	0525																																									
	0010	1220	07425	0530																																									
	0015	0915	07495	0571																																									
	0020	0689	07487	0589																																									
	0030	0652	07576	0597																																									
	0040	0652	07690	0606																																									
	0050	0592	08070	0640																																									
	0060	0510	11830	0941					235																																				
BT Slide Sk 114/13259/71																					Observer: Lindblom																								

11 "Skagerak"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

NE Simrishamn

Station No.	Lat.		Long.		N 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
0117	55	54	014	45	0	971	06	29	23	0030	00		36	10	130			2	8	20																									
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																	
23	0000	1262	07324	0516																								30																	
	0005	1258	07359	0520																																									
	0010	1207	07357	0526																																									
	0015	1014	07450	0556																																									
	0020	0706	07471	0586																																									
	0025	0631	07499	0593					768																																				
BT Slide Sk 115/13259/71																					Observer: Lindblom																								

11 "Skagerak"

1971

Station

77 Sweden

4 B

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.				N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice					
	°	'	''	°	'	''	°		'	''	Year					Mo.	Day	Dir.	Sp. kn.	Dry bulb	Wet bulb					51	52	53	54	55
0118	55	23	015	20	0				971	06	30	03	0095	01			32	14	120								2	83	0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Sal. method	Extra info.																					
					ml/l	%																								
03	0000		07487																										3	0
	0005	1188	07506	0541																										
	0010	1198	07504	0539																										
	0015	1205	07503	0538																										
	0020	1201	07510	0539																										
	0030	0617	07452	0590																										
	0040	0583	07503	0596																										
	0050	0555	08094	0642																										
	0060	0391	13528	1082																										
	0070	0642	15439	1215									042																	
	0080	0696	15439	1211									0																	
	0090	0664	15884	1248									0																	
BT Slide Sk 116/11601/71 Observer: Martinsson																														

11 "Skagerak"

1971

Station

77 Sweden

N 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
0119	54	51	015	15	0				971	06	30	08	0070	01			34	16	114								6	83	0		
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Sal. method	Extra info.																						
					ml/l	%																									
08	0000	1214	07570	0542																										3	0
	0005	1208	07559	0542																											
	0010	1207	07568	0542																											
	0015	1205	07588	0544																											
	0020	1009	07573	0567																											
	0030	0537	07577	0604																											
	0040	0549	07684	0611																											
	0050	0472	07875	0630																											
	0060	0519	08650	0689									637																		
BT Slide Sk 117/11601/71 Observer: Lindblom																															

11 "Skagerak"

1971

Station

77 Sweden

S 24

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	61	62	63	64							
0120	55	19	015	59	0	971	06	30	17	0093	01	32	06	130	1	61	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	1217	07552	0540		773				3	0																				
	0005	1215	07541	0540		773																									
	0010	1201	07539	0541		770																									
	0015	1199	07534	0541		770																									
	0020	1037	07575	0564		779																									
	0030	0580	07616	0605		790																									
	0040	0554	07669	0610		785																									
	0050	0455	07839	0627		766																									
	0060	0329	09131	0732		599																									
	0070	0682	14442	1134		034																									
	0080	0692	15569	1221		030																									
	0090	0663	15958	1254		013																									

BT Slide Sk 118/11601/71 Observer: Martinsson

13 "Thetis"

1971

Station

77 Sweden

E Haken

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																													
0001	55	55	012	44	0	971	01	11	22	0041	00			14	10	010				0	0	1	0																																																			
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH		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																																													
22	0000	0083	13256	1065	914						3	0																																																														
	0010	0863	31032	2410	436																																																																					
	0020	0927	32054	2479	424																																																																					
	0030	0927	32086	2482	424																																																																					
	0037	0936	32109	2482	419																																																																					
BT Slide Th 1/358/71 N 55°54.8' E 12°44.3' Observer: Claesson																																																																										

13 "Thetis"

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				
0002	56	51	018	52	0	971	01	13	04	0110	02			00	00	015				0	0	00																											
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH		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																				
04	0000	0023	07414	0591	888						3	0																																					
	0010	0246	07414	0597	885																																												
	0020	0247	07412	0597	882																																												
	0030	0251	07412	0597	892																																												
	0040	0257	07420	0598	884																																												
	0050	0327	07940	0639	693																																												
	0060	0358	09380	0752	280																																												
	0070	0401	09910	0794	150																																												
	0080	0426	10209	0818	093																																												
	0090	0441	10367	0830	079																																												
	0100	0459	10600	0848	056																																												
	0105	0458	10727	0858	053																																												
	0108		10770		054																																												
BT Slide Th 3/11600/71 Observer: Claesson																																																	
2.55 8																																																	

13 "Thetis"

1971

Station

77 Sweden

Seg. V

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	55	56					57
4002	56	18	016	52	0	971	01	15	02	0043	00		23	14							1	4	10
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									
02	0043	0260	07189	0580		879			0.58	3	8												
Observer: Claesson																							

13 "Thetis"

1971

Station

77 Sweden

Seg. IV

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	55	56					57
5002	56	16	017	02	0	971	01	15	03	0044	00		23	14							1	4	10
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									
03	0044	0351	07474	0602		831			0.58	3	8												
Observer: Claesson																							

13 "Thetis"

1971

Station

77 Sweden

Seg. III

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	55	56					57
6002	56	14	017	11	0	971	01	15	04	0053	01		23	14							1	4	10
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									
04	0053	0405	09039	0724		208			2.35	3	8												
Observer: Claesson																							

13 "Thetis"

1971

Station

77 Sweden

Snitt II:4

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			
1004	55 05	014 06	0	971	01 21	99	0048	00		99	99	999					9	99	0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Tot.P $\mu\text{gat}/\text{l}$	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														
	0048	0666	13822	1087	532			1.26												
	Observer: Claesson									3 8										

13 "Thetis"

1971

Station

77 Sweden

Snitt II:3

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			
2004	55 10	014 06	0	971	01 21		0045	00		99	99	999					9	99	0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Tot.P $\mu\text{gat}/\text{l}$	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														
	0045	0571	10422	0828	650			0.84												
	Observer: Claesson									3 8										

13 "Thetis"

1971

Station

77 Sweden

Snitt II:2

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			
3004			0	971	01 21		0033	00									9	99	0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Tot.P $\mu\text{gat}/\text{l}$	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														
	0033	0381	08257	0663	826			0.52												
	Observer: Claesson									3 8										

13 "Thetis"
77 Sweden

1971

Station
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																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
4004	55	14	013	16	0	971	01	25	12	0042	00		20	20	035			27	3	0																									
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Tot.P $\mu\text{gat/l}$	Sal. method	Extra info.																																			
26	27	28	29	30	31	32					33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64															
12	0042	0242	08281	0666	883			0.52		3	8																																		
BT Slide Th 12/358/71 N 55°13.5' E 13°16' Observer: Claesson																																													

13 "Thetis"
77 Sweden

1971

Station
Snitt 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																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
5004	55	08	013	16	0	971	01	26	08	0040	00		18	18	035			2	73	0																									
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Tot.P $\mu\text{gat/l}$	Sal. method	Extra info.																																			
26	27	28	29	30	31	32					33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64															
08	0040	0237	10966	0882	842			0.56		3	8																																		
BT Slide 13/358/71 N 55°07.5' E 13°16' Observer: Claesson																																													

13 "Thetis"
77 Sweden

1971

Station
Snitt 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																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
6004	55	02	013	16	0	971	01	26	10	0045	00		18	18	035			2	73	0																									
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Tot.P $\mu\text{gat/l}$	Sal. method	Extra info.																																			
26	27	28	29	30	31	32					33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64															
10	0045	0204	09129	0734	886			0.58		3	8																																		
Observer: Claesson																																													

13 "Thetis"

1971

Station

77 Sweden

Snitt I:4

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56
7004	54	55	013	16	0	971	01	26	11	0047	00		18	18	040						2	73	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	56 57 58		59 60	61 62 63			64	77	78									
11	0047	0257	12967	1041	779			0.93		3	8												
Observer: Claesson																							

13 "Thetis"

1971

Station

77 Sweden

W Vinga

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
0005	57	39	011	27	0	971	02	08	10	0088	01	000	34	04	050							1	5	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	56 57 58		59 60	61 62 63			64	77	78										
10	0000	0307	29277	2334	734			0.57	0.79	3	3													
	0005	0311	29519	2353	782			0.57	0.70															
	0010	0339	32450	2584	758			0.65	0.91															
	0015	0357	32885	2617	748			0.66	0.92															
	0020	0356	32925	2620	743			0.65	0.74															
	0030	0368	33168	2639	740			0.65	0.75															
	0040	0382	33330	2650	736			0.66	0.82															
	0050	0394	33425	2657	727			0.64	0.77															
	0075	0528	34229	2705	679			0.57	0.73															
	0085	0594	34877	2749	667			0.72	0.91															
BT Slide Th 18/11600/71 N 57°38.5' E 11°26.6' Observer: Engström																								

13 "Thetis"

1971

Station

77 Sweden

Marstrandsfjorden

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb					
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59	60	61	62	63	64
0006	57	54	011	32	0	971	02	08	12	0035	00	000	09	06	040			2	72	0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P		Sal. method	Extra info.										
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58			59 60	61 62 63	64	77	78					
12	0000	0200	23403	1873	847				0.41		3	4									
	0005	0259	26219	2095	824				0.52												
	0010	0321	29438	2346	779				0.53												
	0015	0451	32632	2587	705				0.62												
	0020	0472	33160	2627	698				0.63												
	0030	0473	33458	2651	695				0.67												
BT Slide Th 19/358/71												Observer: Bladh									

13 "Thetis"

1971

Station

77 Sweden

P 1

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb					
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59	60	61	62	63	64
0007	57	53	011	25	0	971	02	08	13	0055	00	005	09	06	040			2	72	0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P		Sal. method	Extra info.										
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58			59 60	61 62 63	64	77	78					
13	0000	0220	23515	1882	878				0.38	0.64		3	3								
	0005	0276	25933	2071	833				0.46	0.74											
	0010	0367	32765	2606	756				0.65	0.78											
	0015	0374	32905	2617	748				0.64	0.77											
	0020	0373	33043	2627	743				0.68	0.78											
	0030	0395	33268	2644	737				0.65	1.01											
	0040	0403	33356	2650	746				0.65	0.77											
	0050	0409	33454	2657	737				0.64				4								
BT Slide Th 20/358/71												Observer: Lagergren									

13 "Thetis"
77 Sweden

1971

Station
P 1b

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			
0008	57	52	011	21	0	971	02	08	13	0065	01	000	09	06	040				1	62	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									
13	0000	0240	24274	1940	857					0.42											3	4	
	0005	0330	28934	2305	796					0.53													
	0010	0358	32786	2609	747					0.65													
	0015	0369	32999	2625	741					0.68													
	0020	0382	33132	2634	736					0.67													
	0030	0395	33294	2645	735					0.67													
	0040	0421	33461	2656	733					0.64													
	0050	0440	33583	2664	724					0.65													
	0060	0442	33698	2673	717					0.61													
BT Slide Th 21/358/71 N 57°52.3' E 11°21' Observer: Bladh																							

13 "Thetis"
77 Sweden

1971

Station
P 2

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice	
	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			
0009	57	52	011	18	0	971	02	08	14	0097	01	008	09	06	040				1	53	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									
14	0000	0319	30874	2460	781					0.60				0.80								3	3
	0005	0344	32646	2599	758					0.65				0.78									
	0010	0325	32639	2601	754					0.71				0.81									
	0015	0324	32646	2601	754					0.69				0.86									
	0020	0321	32671	2603	754					0.73				1.19									
	0030	0342	32911	2620	741					0.65				0.79									
	0040	0365	33088	2632	728					0.66				0.83									
	0050	0417	33416	2653	738					0.64				0.78									
	0075	0572	34620	2730	682					0.68				0.79									
	0090	0589	34875	2749	662					0.69				0.81									
BT Slide Th 22/11600/71 Observer: Lagergren																							

13 "Thetis"

1971

Station

77 Sweden

P 2b

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	
0010	57	51	011	15	0	971	02	08	15	0068	01	051	09	06	040					2	72	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	0337	30333	2415		772			0.60		3	4										
	0005	0338	32246	2568		758			0.72													
	0010	0336	32587	2595		753			0.71													
	0015	0326	32617	2599		748			0.72													
	0020	0324	32628	2600		749			0.71													
	0030	0311	32656	2603		753			0.69													
	0040	0331	32726	2607		756			0.76													
	0050	0345	32913	2620		741			0.70													
	0060	0460	33971	2692		707			0.60													
BT Slide Th		23/358/71		N 57°51.4'		E 11°14.9'		Observer: Bladh														

13 "Thetis"

1971

Station

77 Sweden

P 3

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	"	°	'	"		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56	57	58 59	60	61	62 63	64	
0011	57	50	011	04	0	971	02	08	16	0049	00	000	11	10	035					1	63	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				
16	0000	0296	26670	2129		816			0.48	0.77		3	3									
	0005	0339	29992	2388		781			0.54	0.78												
	0010	0415	30957	2458		725			0.60	0.86												
	0015	0386	33107	2632		728			0.69	0.80												
	0020	0382	33151	2635		729			0.71	0.84												
	0030	0413	33318	2645		719			0.65	0.85												
	0040	0499	33931	2685		696			0.66	0.79												
	0045	0532	34383	2716		686			0.61	0.77												
BT Slide Th		24/358/71		Observer: Lagergren																		

13 "Thetis"
77 Sweden

1971

Station
P 4

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		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
0012	57	48	010	52	0	971	02	08	17	0057	00	006	11	12	035			1	32	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												
17	0000	0326	32574	2595	766			0.78	0.98		3	3																																	
	0005	0326	32551	2593	762			0.75	0.94																																				
	0010	0434	33439	2653	735			0.63	0.74																																				
	0015	0443	33528	2659	736			0.64	0.78																																				
	0020	0467	33895	2686	734			0.61	0.82																																				
	0030	0529	34310	2711	710			0.57	0.66																																				
	0040	0564	34575	2728	692			0.54	0.66																																				
	0050	0559	34595	2731	687			0.56	0.65																																				
BT Slide Th 25/358/71												Observer: Bladh																																	

13 "Thetis"
77 Sweden

1971

Station
R 53

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0013	57	48	010	42	0	971	02	08	18	0066	01	006	09	10	030			0	0	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	77	78												
18	0000	0287	32461	2589	771			0.72	1.03		3	3																																	
	0005	0296	32481	2590	778			0.66	0.95																																				
	0010	0415	33518	2662	740			0.66	0.88																																				
	0015	0425			736			0.62	0.84																																				
	0020	0473	33852	2682	734			0.56	0.72																																				
	0030	0492	33985	2690	733			0.54	0.72																																				
	0040	0420	34138	2710	718			0.59	0.66																																				
	0050	0428	34253	2718	708			0.56	0.68																																				
	0060	0525	34321	2713	701			0.62	0.86																																				
BT Slide Th 26/11600/71												Observer: Lagergren																																	

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																									
	°	'	°	'		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
0014	58	10	009	30	0	971	02	09	24	0640	06	000	14	06	030			1	62	0																									
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Sel. method	Extra info.																																		
26	27	28	29	30	31	32	33	34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78															
25	0000	0237	29167	2331	812		836	0.47	0.62		3	3																																	
	0005	0242	29154	2329	809		837	0.51	0.60																																				
	0010	0388	32188	2559	736		838	0.57	0.67																																				
	0015	0520	33433	2643	699		837		0.63																																				
	0020	0561	33977	2682	692		837	0.63	0.67																																				
	0030	0694	34508	2706	665		837	0.60																																					
	0040	0703	34797	2728	657		836	0.81																																					
	0050	0721	35022	2743	612		835	0.71	0.77																																				
	0075	0674	35006	2749	670		837	0.67	0.83																																				
	0100	0726	35132	2751	643		835	0.78	0.83																																				
	0125	0714	35188	2757	620		833	0.85	0.84																																				
	0150	0685	35157	2759	597		834	0.87	0.82																																				
24	0200	0658	35167	2763	579			0.91	0.90																																				
	0300	0534	35057	2770	610		824	0.87	0.82																																				
	0400	0509	35069	2774	665		829	0.89	0.87																																				
	0500	0485	35052	2775	636		830	0.86	0.83																																				
	0600	0459	35039	2778	339		830	0.84	0.90																																				
BT Slide Th 27/13268/71												Observer: Bladh																																	

13 "Thetis"

1971

Station

77 Sweden

Å 18 B

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0016	58	16	010	11	0	971	02	09	05	0470	04	000	25	10	030			2	82	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																	
05	0000	0251	28601	2286	805								0.52	0.67													3	3																	
	0005	0311	30478	2430	784								0.53	0.58																															
	0010	0397	32660	2595	753								0.54	0.56																															
	0015	0524	33460	2645	712								0.56	0.63																															
	0020	0600	33886	2670	691								0.56	0.61																															
	0030	0694	34372	2696	658								0.54	0.66																															
	0040	0783	34748	2713	639								0.59	0.60																															
	0050	0791	34953	2728	618								0.66	0.87																															
	0075	0761	35143	2746	615								0.75	0.75																															
	0100	0730	35130	2750	621								0.76	0.75																															
	0125	0680	35083	2753	624								0.80	0.80																															
	0150	0608	35031	2759	669								0.61	0.57																															
	0200	0598	35036	2760	683								0.61	0.59																															
	0300	0591	35131	2769	611								0.87															4																	
	0400	0526	35076	2773	588								0.85	0.88																															
BT Slide Th 29/13268/71											Observer: Engström																																		

13 "Thetis"

1971

Station

77 Sweden

Å 15

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice				
	°	'	''	°	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56
0019	58	18	010	51	0	971		02	09	10	0136	01	000		27	06	050									14	2	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t			Oxygen		pH	PO ₄ -P µgat/l	Sal. method	Extra info.																
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58					59 60	61 62 63	64	77	78											
10	0000	0360	31921	2540			765			0.54		3	4															
	0005	0366	31981	2544			765			0.54																		
	0010	0387	33329	2649			753			0.60																		
	0015	0400	33454	2658			740			0.62																		
	0020	0436	33620	2667			730			0.61																		
	0030	0534	34208	2703			707			0.53																		
	0040	0595	34593	2726			689			0.49																		
	0050	0685	34944	2742			656			0.58																		
	0075	0711	35109	2751			629			0.73																		
	0100	0630	35016	2755			671			0.62																		
	0125	0621	35047	2759			678			0.66																		
BT Slide Th 32/11600/71												N 58°17.7'			E 10°51'			Observer: Lagergren										

13 "Thetis"

1971

Station

77 Sweden

Å 12

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																							
	°	'	''	°	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																											
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0022	58	20	011	06	0			971	02	09	12	0050		00	000	29	06	040				1	42	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														
12	0000	0280	27233	2174			830											0.44	0.72				3	3																					
	0005	0392	32853	2611			747											0.63	0.82																										
	0010	0401	33440	2657			742											0.64	0.92																										
	0015	0412	33609	2668			736											0.64	0.70																										
	0020	0431	33736	2677			731											0.65	0.77																										
	0030	0443	33782	2679			732											0.65	0.76																										
	0040	0443	33781	2679			723											0.65	0.70																										
	0045	0437	33794	2681			730											0.66	0.74																										
BT Slide Th 35/358/71 N 58°20.2' E 11°06.1' Observer: Bladh																																													

13 "Thetis"

1971

Station

77 Sweden

Å 11

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																							
	°	'	''	°	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																											
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0023	58	20	011	10	0			971	02	09	13	0052		00	003	29	06	040				14	2	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														
13	0000	0263	26395	2109			840											0.49	0.79				3	3																					
	0005	0337	30683	2443			785											0.56	0.76																										
	0010	0372	33043	2628			746											0.65	0.88																										
	0015	0378	33186	2639			747											0.65	0.79																										
	0020	0383	33299	2647			752											0.66	0.75																										
	0030	0410	33472	2658			749											0.65	0.73																										
	0040	0449	33660	2669			724											0.66	0.76																										
	0045	0447	33695	2672			728											0.68	0.73																										
BT Slide Th 36/358/71 N 58°20.2' E 11°09.5' Observer: Lagergren																																													

13 "Thetis"

1971

Station

77 Sweden

Väderö 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																									
	5	6	7	8		9	10	11					12	13	14	15					16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0026	58	34	011	01	0	971	02	10	09	0054	00	000	18	02	015			4	8	20																									
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														
08	0000	0300	28956	2310	795			0.55	0.72		3	3																																	
	0005	0361	31153	2478	760			0.56	0.71																																				
	0010	0408	32949	2617	724			0.61	0.74																																				
	0015	0403	33285	2644	729			0.67	0.72																																				
	0020	0430	33545	2663	719			0.66	0.72																																				
	0030	0456	33690	2671	713			0.63	0.68																																				
	0040	0455	33760	2676	713			0.64	0.72																																				
	0050	0496	33885	2682	692			0.65	0.74																																				
BT Slide Th		39/358/71		N 58°34.2' E 11°01.2'		Observer: Engström																																							

13 "Thetis"

1971

Station

77 Sweden

Väderö 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																									
	5	6	7	8		9	10	11					12	13	14	15					16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0027	58	34	010	57	0	971	02	10	09	0066	01	000	18	02	015			4	82	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														
09	0000	0302	29692	2367	791			0.54	0.82		3	3																																	
	0005	0367	31835	2533	755			0.64	0.80																																				
	0010	0400	33345	2649	736			0.65	0.73																																				
	0015	0423	33519	2661	721			0.64	0.78																																				
	0020	0410	33557	2665	731			0.62	0.74																																				
	0030	0422	33667	2672	722			0.64	0.74																																				
	0040	0450	33754	2676	720			0.62	0.75																																				
	0050	0460	33820	2680	716			0.62	0.78																																				
	0060	0449	33819	2682	708			0.63	0.76																																				
BT Slide Th		40/358/71		N 58°33.7' E 10°57.4'		Observer: Lagergren																																							

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Väderö 3

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb					
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64	
0028	58	33	010	54	0	971	02	10	09	0077	01	000	18	02	015			4	8	2	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t		Oxygen		pH	PO ₄ -P µgat/l	Sal. method	Extra info.										
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45					58	59 60	61 62 63 64	77 78						
09	0000	0349	31709	2524		766			0.53		3	4									
	0005	0360	32175	2560		760			0.60												
	0010	0404	33043	2625		740			0.63												
	0015	0412	33252	2640		746			0.61												
	0020	0434	33629	2668		728			0.62												
	0030	0451	33864	2685		724			0.57												
	0040	0457	33915	2689		721			0.56												
	0050	0473	34019	2695		703			0.59												
	0070	0472	34055	2698		699			0.64												
BT Slide Th 41/11600/71 N 58°33.2' E 10°53.7' Observer: Engström																					

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Väderö 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	
0029	58	33	010	48	0	971	02	10	10	0105	01	000	27	06	020			4	8	2	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t		Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	Sal. method	Extra info.									
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45						58	59 60	61 62 63 64	77 78					
10	0000	0358	32296	2570		756			0.66	0.73		3	3								
	0005	0366	32399	2577		753			0.65	0.79											
	0010	0411	33318	2646		731			0.69	0.81											
	0015	0429	33487	2658		723			0.63	0.74											
	0020	0446	33675	2671		724			0.63	0.76											
	0030	0451	33920	2689		715			0.61				4								
	0040	0504	34225	2708		690			0.64	0.75			3								
	0050	0555	34417	2717		686			0.60	0.74											
	0075	0596	34418	2712		674			0.64	0.68											
	0100	0588	34435	2715		664			0.57	0.68											
BT Slide Sk 42/11600/71 N 58°32.5' E 10°48' Observer: Bladh																					

13 "Thetis"

1971

Station

77 Sweden

Väderö 5

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	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								
0030	58	32	010	41	0	971	02	10	11	0137	01	000	00	00	030																																				2	82	0
Obs. time	Obs. depth	Temp.		Sal.	σ_t		Oxygen		pH	PO ₄ -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																						
11	0000	0364	31824	2532	759						0.61		3	4																																							
	0005	0390	32909	2615	771						0.61																																										
	0010	0417	33353	2648	735						0.61																																										
	0015	0439	33615	2667	719						0.63																																										
	0020	0456	33841	2683	720						0.63																																										
	0030	0517	34157	2701	704						0.60																																										
	0040	0594	34643	2729	694						0.56																																										
	0050	0607	34792	2740	671						0.51																																										
	0075	0707	35089	2750	623						0.72																																										
	0100	0682	35107	2755	640						0.72																																										
	0125	0621	35026	2757	666						0.65																																										
BT Slide Th 43/11600/71														N 58°31.6' E 10°40.7' Observer: Engström																																							

13 "Thetis"

1971

Station

77 Sweden

Väderö 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																									
	°	'	°	'		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
0031	58	31	010	33	0	971	02	10	12	0200	02		00	00	030			2	8	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												
12	0000	0309	29599	2360		794			0.48	0.64		3																																	
	0005	0361	31121	2476		775			0.50	0.68																																			
	0010	0439	32751	2598		744			0.52	0.66																																			
	0015	0489	33538	2655		720			0.51	0.64																																			
	0020	0499	33673	2665		712			0.50	0.60																																			
	0030	0570	34280	2704		688			0.51	0.68																																			
	0040	0741	35054	2743		625			0.67	0.80																																			
	0050	0641	35043	2755		636			0.63	0.62																																			
	0075	0616	35014	2757		662			0.57	0.55																																			
	0100	0615	35055	2760		659			0.64	0.71																																			
	0125	0623	35073	2760		656			0.68	0.65																																			
	0150	0620	35082	2760		661			0.68	0.73																																			
	0190	0614	35063	2760		653			0.68	0.71																																			
BT Slide Th 44/13268/71 N 58°30.7' E 10°33.3' Observer: Bladh																																													

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Fj 28 Tröskeln

Station No.	Lat.			Long.			N 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
0032	58	16	011	26	0	971	02	11	07	0056	00	011	20	10	050			2	8	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														
07	0000	0245	25726	2056	848			829	0.38	0.68	3	3																																	
	0005	0246	25787	2061	839			834	0.40	0.66																																			
	0010	0244	25875	2069	837			834	0.40	0.72																																			
	0015	0287	27606	2205	794			833	0.51	0.62																																			
	0020	0541	32847	2595	637			829	0.68	0.75																																			
	0030	0517	33502	2649	678			833	0.65	0.70																																			
	0040	0509	33664	2663	671			833	0.70	0.77																																			
	0050	0562	33952	2679	599			829	0.88	0.84																																			
BT Slide Th 45/358/71 N 58°15.62' E 11°26.2' 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																							
	5	6	7	8	9	10		11	12	13					14	15	16	17					18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0033	58	22	011	23	0	971	02	11	08	0027	00		23	10	040			2	8	1	0																								
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Sol. method	Extra info.																																		
26	27	28	29	30	31	32		33	34			35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
08	0000	0220	26086	2087	835			837	0.54	0.68	3	3																																	
	0005	0216	26094	2087	847			837	0.50	0.60																																			
	0010	0204	26216	2098	823			836	0.49	0.63																																			
	0015	0239	26871	2148	795			834	0.54	0.64																																			
	0020	0335	28052	2236	746			833	0.60	0.69																																			
	0024	0467	31856	2525	660			832	0.76	0.88																																			
BT Slide Th 46/358/71 N 58°22.4' E 11°22.7' Observer: Bladh																																													

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																											
	°	'	°	'		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		
0034	58	22	011	26	0	971	02	11	08	0024	00			23	10	040						2	81	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														
08	0000	0180	25828	2069	836		836	0.52	0.63		3	3																																			
	0005	0187	25854	2070	829		836	0.50	0.64																																						
	0010	0188	25908	2074	831		836	0.48	0.66																																						
	0015	0196	26003	2081	829			0.53	0.64																																						
	0020	0455	32018	2539	697		834	0.69	0.70																																						
	0024	0430			681		833	0.46	0.81																																						
BT Slide Th 47/358/71 N 58°21.6' E 11°25.5'												Observer: Bladh																																			

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																											
	°	'	°	'		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		
0035	58	19	011	22	0	971	02	11	09	0034	00	016		23	10	040						2	8	20																							
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	0245	25899	2071	841		839	0.38	0.73		3	3																																			
	0005	0240	25902	2071	855		839	0.41	0.69																																						
	0010	0233	26197	2095	830		841	0.47	0.70																																						
	0015	0242	26623	2128	815		836	0.52	0.63																																						
	0020	0449	31986	2537	710		834	0.66	0.74																																						
	0030	0490	33246	2632	676		835	0.69	0.77																																						
BT Slide Th 48/358/71 N 58°19.1' E 11°21.7'												Observer: Lagergren																																			

13 "Thetis"

1971

Station

77 Sweden

Bonden

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
0036	58	12	011	20	0	971	02	11	12	0037	00	011	23	12	035			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														
12	0000	0237	25219	2016		845		844	0.42	0.67		3	3																																
	0005	0233	25237	2018		848		840	0.35	0.66																																			
	0010	0243	25991	2078		829		838	0.44	0.66																																			
	0015	0413	31930	2536		727		836	0.62	0.75																																			
	0020	0385	32760	2604		743		836	0.67	0.72																																			
	0030	0412	33215	2638		718		836	0.65	0.73																																			
BT Slide Th 49/358/71 N 58°12.3' E 11°19.8' Observer: Bladh																																													

13 "Thetis"

1971

Station

77 Sweden

Smedjepricken

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0037	58	16	011	22	0	971	02	11	12	0057	01	012	23	12	035			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														
12	0000	0251	25621	2047		858		840	0.43	0.67		3	3																																
	0005	0244	25611	2047		848		839	0.50	0.60																																			
	0010	0239	25958	2076		837		838	0.49	0.73																																			
	0015	0452	31989	2536		695		834	0.66	0.71																																			
	0020	0435	32661	2591		717		836	0.68	0.65																																			
	0030	0511	33322	2635		670		835	0.74	0.72																																			
	0040	0511	33607	2658		665		834	0.71	0.86																																			
	0057	0512	33605	2658		650		833	0.76	0.86																																			
BT Slide Th 50/358/71 N 58°15.85' E 11°22.35' Observer: Lagergren																																													

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	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	
0038	58	19	011	33	0	971	02	11	13	0118	01	011	23	12	035			2	8	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	77 78					
14	0000	0238	25926	2073		838		836	0.46	0.69		3	3								
	0005	0238	25935	2074		831		839	0.53	0.96											
	0010	0240	26048	2083		827		838	0.58	0.68											
	0015	0288	27170	2169		755		835	0.61	0.77											
	0020	0591	32766	2582		607		831	0.77	0.83											
	0030	0590	33484	2639		615		832	0.72	0.80											
	0040	0578	33677	2656		627		835	0.73	0.72											
	0050	0641	34040	2676		563		830	0.79	0.90											
13	0060	0605	34194	2693		500		825	1.22												
	0070	0567	34219	2700		418		819	1.53												
	0080	0543	34232	2703		389		814	1.68												
	0090	0512	34201	2705		354		811	1.91												
	0100	0494	34204	2707		313		807	2.05												
	0115	0463	34201	2710		275		802	2.39												
BT Slide Th 51/11600/71												N 58°19.17' E 11°32.6' Observer: Bladh									

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	55	56					57	58	59	60
0039	58	22	011	36	0	971	02	11	14	0091	01	000	23	12	035								2	8	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		ml/l	%			µgat/l	µgat/l	77	78											
14	0000	0198	24127	1931		824		836	0.52	0.70															3	3
	0005	0227	25730	2058		827		837	0.49	0.66																
	0010	0232	25860	2068		834		839	0.45	0.65																
	0015	0273	26991	2156		777		835	0.54	0.62																
	0020	0590	32547	2566		610		831	0.78																	
	0030	0621	33573	2642		598		831	0.87	0.94																
	0040	0620	33783	2659		601		831	0.86	0.85																
	0050	0636	34085	2681		545		828	1.05																	
	0060	0591	34197	2695		442		820	1.47	1.49																
	0070	0560	34202	2699		401		812	1.55	1.60																
	0080	0521	34205	2705		358		811	1.86	1.88																
BT Slide Th 52/11600/71 N 58°21.6' E 11°35.5' Observer: Lagergren																										

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Björnhuvudet

Station No.	Lat.		Long.		N 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
0040	58	04	011	34	0	971	02	12	08	0024	00	010	23	14	030											4	81	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	%			µgat/l	µgat/l	77	78													
08	0000	0193	23980	1920		831		834	0.46	0.64																	3	3
	0005	0185	23991	1922		843		834	0.49	0.65																		
	0010	0166	25467	2040		802		833	0.56	0.68																		
	0015	0429	31939	2535		617		830	0.81	0.89																		
	0020	0444	32637	2589		654		831	0.89	1.09																		
	0024	0443				651		827	0.72	0.93																		
BT Slide Th 53/358/71 N 58°04' E 11° 33.75' Observer: Engström																												

13 "Thetis"

1971

Station

77 Sweden

Stigfjorden

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
0041	58	06	011	38	0	971	02	12	09	0013	00		23	20	030								4	8	20
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Sal. method	Extra info.														
					ml/l	%		$\mu\text{g}/\text{l}$	$\mu\text{g}/\text{l}$			77	78												
26 27	28 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	0089	23436	1880		870		830	0.43	0.63													3	3	
	0005	0089	23397	1878		870		831	0.46	0.60															
	0010	0218	25340	2027		782		830	0.59	0.70															
BT Slide Th 54/358/71 N 58°05.5' E 11°38.2' Observer: Lagergren																									

13 "Thetis"

1971

Station

77 Sweden

Marstrandfjorden

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
.0042	57	54	011	32	0	971	02	15	09	0037	00	011	23	16	040										1	63	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Sal. method	Extra info.																
					ml/l	%		$\mu\text{g}/\text{l}$	$\mu\text{g}/\text{l}$			77	78														
26 27	28 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	0211	22811	1825		842		827	0.45	0.86															3	3	
	0005	0210	23001	1841		849		833	0.34	0.73																	
	0010	0211	23831	1906		859		837	0.27	0.65																	
	0015	0320	28201	2249		769		834	0.58	0.75																	
	0020	0365	31060	2471		755		835	0.54	0.72																	
	0030	0409	33098	2629		725		836	0.69	0.83																	
BT Slide Th 55/358/71 Observer: Bladh																											

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
0043	57	55	011	46	0	971	02	15	10	0065	00	011	23	16	040				2	83	0																								
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	Sali. method	Extra info.																																		
26	27	28	29	30	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	0210	22278	1784	847			837	0.42	0.79											3	3																							
	0005	0209	22286	1784	847			844	0.42	0.76																																			
	0010	0208	23333	1868	831			836	0.49	0.66																																			
	0015	0303	27513	2195	789			837	0.53	0.73																																			
	0020	0377	31227	2483	734			837	0.62	0.75																																			
	0030	0420	32782	2602	717			837	0.70	0.75																																			
	0040	0441	33014	2618	701			836	0.75	0.79																																			
	0050	0429	33109	2627	699			837	0.76	0.87																																			
BT Slide Th 56/358/71 N 57°55.18' E 11°45.7' Observer: Lagergren																																													

13 "Thetis"

1971

Station

77 Sweden

Fj 52 Hakefjorden

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
0044	57	59	011	46	0	971	02	15	11	0031	00	015	23	16	040				2	8	90																								
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	Sali. method	Extra info.																																		
26	27	28	29	30	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	0201	20919	1675	848			835	0.46	0.68											3	3																							
	0005	0195	21395	1713	839			835	0.48	0.70																																			
	0010	0220	23615	1890	807			834	0.58	0.86																																			
	0015	0231	26953	2155	743			835	0.67	0.89																																			
	0020	0415	31799	2525	678			836	0.78	0.83																																			
	0031	0447	32559	2582	657			834	0.75	0.98																																			
BT Slide Th 57/358/71 N 57°59.38' E 11°45.7' Observer: Bladh																																													

13 "Thetis"

1971

Station 13

77 Sweden

Fj 51 Askeröfjorden

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		M 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
0045	58	04	011	47	0	971	02	15	12	0029	00	000	16	16	040			2	81	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														
12	0000	0202	21419	1715		841		836	0.56	0.75	3	3																																	
	0005	0199	21787	1745		841		835	0.46	0.74																																			
	0010	0221	23256	1861		816		834	0.53	0.70																																			
	0015	0283	26017	2078		742		832	0.72	0.84																																			
	0020	0356	29113	2317		694		833	0.82	0.85																																			
	0029	0403	31027	2465		666		834	0.87	1.41																																			
BT Slide Th 58/358/71 N 58°04.23' E 11°47.20' Observer: Engström																																													

13 "Thetis"

1971

Station

77 Sweden

Askeröfjord extra

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		M 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
0046	58	06	011	49	0	971	02	15	12	0013	00	005	16	16	040			2	81	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														
12	0000	0253	21620	1728		831		835	0.47	0.71	3	3																																	
	0005	0248	21640	1731		842		835	0.47	0.66																																			
	0010	0208	22915	1834		823		833	0.49	0.68																																			
BT Slide Th 59/358/71 N 58°05.5' E 11°48.8' Observer: Lagergren																																													

13 "Thetis"
77 Sweden

1971

Station
Fj 50 Halsanabbe

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																																
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																																				
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64							
0047	58	08	011	50	0	971	02	15	13	0047	00	011	16	16	040			2	8	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	62	63	64																					
13	0000	0213	22094	1768	831					837	0.46	0.70																																								
	0005	0209	22331	1787	831					834	0.49	0.70																																								
	0010	0231	24120	1929	787					833	0.63	0.74																																								
	0015	0288	25491	2035	735					831	0.74	0.84																																								
	0020	0371	28599	2276	653					830	0.86	0.95																																								
	0030	0377	29271	2328	658					830	0.90	0.95																																								
	0047	0459	32547	2580	640					832	0.90	1.13																																								
BT Slide Th 60/358/71 N 58°07.82' E 11°50.23' Observer: Bladh																																																				

13 "Thetis"
77 Sweden

1971

Station
Fj 49 a Dokorsviken

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																																		
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																																						
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64									
0048	58	11	011	51	0	971	02	15	13	0023	00	010	16	16	040			2	8	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																							
13	0000	0212	23264	1861	820					833	0.53	0.83																																										
	0005	0205	23438	1876	811					833	0.53	0.80																																										
	0010	0231	24538	1963	764					829	0.57	0.82																																										
	0015	0431	28850	2290	576					825	1.15	1.24																																										
	0020	0454	30514	2419	595					827	1.17	1.13																																										
BT Slide Th 61/358/71 N 58°11' E 11°51.04' Observer: Lagergren																																																						

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	
0049	58	16	011	49	0	971	02	15	14	0029	00	007	16	16	040				28	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 62 63 64	77	78				
14	0000	0167	23467	1880	819			832	0.57	0.88										3	3
	0005	0166	23485	1882	813			831	0.64	0.85											
	0010	0207	24281	1943	784			830	0.58	0.81											
	0015	0629	28878	2272	399			813	1.30	1.60											
	0020	0519	30830	2438	576			824	1.15	1.42											
	0029	0433	31166	2473																	
BT Slide Th 62/358/71 N 58°15.58' E 11°49.24' Observer: Bladh																					

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Byfjorden innre

Station No.	Lat.		Long.		N 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		
0050	58	21	011	54	0	971	02	16	06	0012	00	006	09	10	020				1	31	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					
06	0000	0125	15489	1244	846			798	0.83	1.38											3	3
	0002	0148	20872	1673	805			812	0.88	1.28												
	0005	0164	22217	1780	800			817	0.92	1.14												
	0010	0365	24456	1948	636			811	1.16	1.40												
BT Slide Th 63/358/71 N 58°20.6' E 11°54.2' 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	55	56					57
0051	58	20	011	53	0		971	02	16	07	0048	00	006	09	10	020							1	3	10
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		σ_t	pH		PO ₄ -P	Tot. P	H ₂ S	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									
07	0000	0121	13286	1068		863				805	0.79	1.60		3	3										
	0002	0144	19798	1587		829				816	0.73	1.26													
	0005	0131	22096	1772		822				824	0.72	0.95													
	0010	0308	24616	1965		690				822	0.84	0.92													
	0015	0821	29002	2257		056				786	2.22	2.37													
	0020	0558	30574	2413						776	9.08		54.5												
	0025	0457	30893	2449						774	7.15		53.2												
	0030	0445	30991	2457						772	7.50	7.48	58.3												
	0035	0453	31055	2463						770	9.06		62.5												
	0040	0449	31081	2464						769	9.60	9.66	62.6												
	0045	0444	31091	2466						768	5.70	10.56	58.8												
	0048	0450	31048	2462						769	10.0	11.27	57.5												
BT Slide Th 64/358/71														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	55	56					57
0052	58	11	011	46	0		971	02	16	08	0043	00	010	09	10	020							1	32	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		σ_t	pH		PO ₄ -P	Tot. P	H ₂ S	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									
08	0000	0140	22376	1794		841				822	0.75	0.99		33											
	0002	0139	22421	1796		835				826	0.74	0.93													
	0005	0136	22589	1811		831				828	0.72	0.95													
	0010	0162	23576	1888		800				817	0.75	0.89													
	0015	0544	28297	2236		473				823	1.48	1.60													
	0020	0608	30952	2437		444				816	1.85	1.89													
	0030	0620	32083	2524		175				791	5.72	5.81													
	0040	0466	32442	2571		142				784	3.40	15.75	0												
BT Slide Th 65/358/71														N 58°10.75' E 11°46.4' Observer: Bladh											

13 "Thetis"

1971

Station

77 Sweden

Fj 44 Kalvöfjord

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb						
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56	57	58 59	60	61	62	63	64
0053	58	17	011	41	0	971	02	16	08	0065	01	006	09	10	020					1	32	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						
08	0000	0127	22958	1841			841			821	0.82	0.98			3	3						
	0002	0128	22959	1841			835			826	0.75	0.98										
	0005	0130	22967	1841			839			827	0.74	0.96										
	0010	0186	24159	1934			760			813	0.86	1.08										
	0015	0478	26558	2106			502			820	1.40	1.48										
	0020	0630	27971	2201			261			795	2.17	2.26										
	0030	0475	29156	2311			118			772	4.83	4.86 0										
	0040	0466	29197	2314			179			770	4.75	0										
	0050	0445	29250	2321			0			771	5.58	10.5										
	0060	0434	29287	2324			0			772	5.89	26.3										
	0065	0431	29263	2322			0			773	5.70	6.25 24.5										
BT Slide Th 66/358/71 N 58°17.07' E 11°40.8' Observer: Lagergren																						

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						
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56	57	58 59	60	61	62	63	64
0054	58	15	011	38	0	971	02	16	09	0057	01		09	14	020					1	5	20
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						
09	0000	0139	23151	1855			831			821	0.80				3	3						
	0005	0132	23156	1856			829			826	0.76											
	0010	0139	23510	1884			817			827	0.84											
	0015	0475	26642	2112			428			804	1.59											
	0020	0613	27979	2204			194			788	2.72											
	0030	0481	29144	2308			142			773	5.41	0										
	0040	0467	29182	2312						772	5.54	4.5										
	0050	0453	29202	2316						772	5.58	5.0										
	0057	0451								771	5.22	5.5										
BT Slide Th 67/358/71 N 58°15.2' E 11°37.75' Observer: Bladh																						

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Fj 42 Koljöfjord

Station No.	Lat.		Long.		N 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			
0055	58	14	011	35	0	971	02	16	10	0046	00	006	09	14	020						15	2	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	H ₂ S	Sal. method	Extra info.												
					ml/l	%		µgat/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	0136	23528	1886	821			822	0.81														
	0005	0141	23508	1884	828			825	0.80														
	0010	0153	23791	1906	806			825	0.83														
	0015	0309	25529	2037	601			815	1.17														
	0020	0613	27874	2195	194			789	2.57														
	0025	0505	29047	2299	064			775	5.20														
	0030	0485	29150	2309	0			773	5.42	14.0													
	0035	0473	29174	2311	0			772	5.06	11.5													
	0040	0461	29196	2315	0			772	5.55	18.5													
	0046	0456	29180	2314	0			771	5.12	19.0													
BT Slide Th 68/358/71 N 58°13.83' E 11°34.8' Observer: Engström																							

13 "Thetis"
77 Sweden

1971

Station
Alsäck

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																																			
	°	'	''	°	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																																									
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64														
0056	58	19	011	33	0	971	03	03	08	0116	01	003	07	12	X	080								0	02	0																																	
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Sel. method	Extra info.																																																
26	27	28	29	30	31	32		33	34			35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	µgat/l	µgat/l	77	78																										
09	0000	0428	33461	2655	645			0.90	1.04		3	3																																															
	0005	0474	33582	2660	637			0.91	1.08																																																		
	0010	0481	33742	2672	631			0.89	0.98																																																		
	0015	0508	33923	2684	611			0.84	1.09																																																		
	0020	0541	34168	2700	623			0.85	0.91																																																		
	0030	0541	34221	2703	647			0.76	0.89																																																		
	0040	0537	34284	2708	677			0.64	0.67																																																		
	0050	0533	34299	2710	680			0.67	0.78																																																		
08	0060	0527	34306	2712	689			0.69	0.82																																																		
	0070	0530	34356	2715	688			0.68	0.75																																																		
	0080	0528	34387	2718	687			0.67	0.78																																																		
	0090	0542	34435	2720	690			0.71	0.81																																																		
	0100	0539	34456	2722	687			0.67	0.78																																																		
	0110	0521	34455	2724	689			0.65	0.83																																																		
BT Slide Th												69/11600/71												N 58°19.17' E												11°32.6'												Observer: Allersand											

13 "Thetis"

1971

Station

77 Sweden

Saltkällefjord

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
0057	58	25	011	39	0	971	03	03	10	0062	01	005	36	20	X	090					0	02	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														
10	0000	0438	32086	2546		627		832	1.08	1.16													3	3																					
	0005	0448	32693	2592		609		831	1.00	1.21																																			
	0010	0545	34150	2697		560		830	1.04	1.16																																			
	0015	0542	34162	2698		520		827	1.23	1.35																																			
	0020	0542	34198	2701		469		824	1.40	1.43																																			
	0030	0538	34228	2705		527		827	1.26	1.34																																			
	0040	0537	34266	2707		597		832	1.03	1.12																																			
	0050	0529	34289	2710		636		836	0.90	0.86																																			
	0062	0532	34324	2712		676		838	0.66	0.78																																			
BT Slide Th		70/358/71		N 58°25.2'		E 11°39.3'		Observer: Bladh																																					

13 "Thetis"

1971

Station

77 Sweden

Örekils älvens mynning

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
0058	58	26	011	41	0	971	03	03	10	0018	00	000	36	20	X	090					0	01	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														
10	0000	0454	30146	2391		606		830	1.06	1.15													3	3																					
	0005	0533	33999	2687		543		829	1.22	1.25																																			
	0010	0530	34101	2694		535		828	1.22	1.30																																			
	0015	0532	34166	2700		478		828	1.38	1.49																																			
	0018	0521	34060	2693		508		827	1.24	1.34																																			
BT Slide Th		71/358/71		N 58°26'		E 11°40.5'		Observer: Allersand																																					

13 "Thetis"

1971

Station

77 Sweden

Smedjepricken

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0059	58	16	011	22	0	971	03	04	08	0053	01	011	36	20	700			0	02	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	0373	33839	2691	711			839	0.69	0.82		3	3																																
	0005	0371	33851	2691	710			839	0.65	0.81																																			
	0010	0373	33856	2691	711			839	0.66	0.79																																			
	0015	0452	34138	2706	695			839	0.61	0.63																																			
	0020	0504	34343	2717	698			840	0.58	0.71																																			
	0030	0537	34501	2725	674			839	0.56	0.64																																			
	0040	0545	34617	2734	694			840	0.57	0.63																																			
	0053	0550	34652	2736	690			834	0.46	0.68																																			
BT Slide Th 72/358/71 N 58°15.85' E 11°22.35' Observer: Engström																																													

13 "Thetis"

1971

Station

77 Sweden

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																									
	°	'	°	'		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
0060	58	19	011	22	0	971	03	04	09	0035	00	019	02	20	700			0	02	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	0339	34158	2720	734			842	0.63	0.64		3	3																																
	0005	0340	34162	2720	736			842	0.58	0.70																																			
	0010	0344	34204	2722	742			842	0.63	0.77																																			
	0015	0366	34212	2720	729			841	0.58	0.65																																			
	0020	0383	34277	2724	724			842	0.63	0.67																																			
	0030	0431	34464	2733	713			842	0.62	0.65																																			
BT Slide Th 73/358/71 N 58°19.1' E 11°21.7' Observer: Bladh																																													

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

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																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0061	58	22	011	23	0	971	03	04	09	0028	00	026	05	14	X	00					0	02	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														
09	0000	0299	34300	2735	739			843	0.57	0.75	3	3																																	
	0005	0298	34302	2735	742			843	0.57	0.76																																			
	0010	0302	34321	2736	752			844	0.58	0.68																																			
	0015	0302	34299	2735	750			844	0.60	0.66																																			
	0020	0296	34300	2736	749			843	0.60	0.73																																			
	0028	0243	34299	2740	744			844	0.53	0.60																																			
BT Slide Th		74/358/71		N 58°22.4' E 11°22.7'		Observer: Allersand																																							

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

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																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0062	58	22	011	26	0	971	03	04	10	0022	00	021	05	20	X	095					0	02	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														
10	0000	0356	34419	2738	735			843	0.57	0.66	3	3																																	
	0005	0355	34421	2738	733			843	0.58	0.67																																			
	0010	0362	34435	2740	724			843	0.57	0.78																																			
	0015	0358	34421	2740	731			843	0.50	0.71																																			
	0020	0323	34400	2743	745			844	0.56	0.74																																			
	0022	0272	34344	2745	754			844	0.52	0.74																																			
BT Slide Th		75/358/71		N 58°21.6' E 11°25.5'		Observer: Engström																																							

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Tröskeln

Station No.	Lat.		Long.		N 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
0063	58	16	011	26	0	971	03	04	11	0078	01	078	05	20	X	080			1	4	20																								
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														
11	0000	0432	33735	2677	666			838	0.80	0.88	3	3																																	
	0005	0440	33760	2677	645			837	0.80	0.97																																			
	0010	0446	33866	2685	663			837	0.81	0.95																																			
	0015	0450	33879	2686	673			837	0.77	0.95																																			
	0020	0441	33888	2689	674			837	0.80	0.90																																			
	0030	0481	34194	2704	692			840	0.67	0.76																																			
	0040	0484	34270	2713	687			840	0.64	0.75																																			
	0050	0483	34348	2719	698			841	0.60	0.68																																			
	0078	0496	34440	2725	695			840	0.58	0.75																																			
BT Slide Th 76/11600/71 N 58°15.62'11" E 26.2'												Observer: Bladh																																	

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Koljöfjord

Station No.	Lat.		Long.		N 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
0064	58	14	011	35	0	971	03	04	13	0044	00	011	36	16	X	080			1	22	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	X0094	23062	1851	887			827	0.64	0.94	3	3																																	
	0005	X0094	23064	1851	878			831	0.68	0.90																																			
	0010	X0089	23122	1856	878			831	0.66	0.93																																			
	0015	0514	27036	1998	343			801	1.77	1.91																																			
	0020	0589	28087	2214	171			785	2.85	3.00																																			
	0025	0508	28995	2294	0			777	5.75	5.65	2.55																																		
	0030	0490	29115	2306				775	5.05	5.40	11.75																																		
	0035	0479	29144	2308				774	5.38	5.80	13.10																																		
	0040	0466	29164	2311				774	5.63	5.80	20.35																																		
	0044	0461	29179	2313				781	5.45	5.39	19.65																																		
BT Slide Th 77/358/71 N 58°13.83' E 11°34.80'												Observer: Engström																																	

13 "Thetis"

1971

Station

77 Sweden

Borgilafjord

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																														
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																																		
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64					
0065	58	15	011	38	0	971	03	04	14	0062	01	011	02	22	080																																			
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	μgat/l	μgat/l	μgat/l	77	78																
14	0000	0085	23261	1858	867			824	0.69	0.89		3	3																																					
	0005	0085	23262	1858	868			829	0.66	0.91																																								
	0010	0088	23274	1859	867			828	0.69	0.88																																								
	0015	0456	26808	1929	401			805	1.65	1.63																																								
	0020	0588	28084	2208	168			786	2.80	2.89																																								
	0030	0482	29109	2304	0			775	5.12	5.04	0.80																																							
	0040	0471	29153	2310				774	5.26	5.33	5.50																																							
	0050	0457	29170	2313				774	5.47	5.38	7.50																																							
	0062	0452	29167	2314				774	5.11	7.15																																								
BT Slide Th 78/358/71 N 58°15.2' E 11°37.75'												Observer: Engström																																						

13 "Thetis"

1971

Station

77 Sweden

Strömmätaren SW Hällö

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											
0066	58	15	011	030	971	03	05	10	0103	01	021	05	16	065																																										
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																								
10	0000	0296	33593	2678	747			0.52	0.67																																															
	0005	0299	33589	2678	767			0.53	0.62																																															
	0010	0301	33587	2678	771			0.52	0.72																																															
	0015	0301	33601	2679	769			0.53	0.68																																															
	0020	0301	33612	2680	765			0.53	0.66																																															
	0030	0319	33679	2682	760			0.51	0.62																																															
	0040	0574	34570	2726	692			0.60	0.68																																															
	0050	0586	34780	2741	698			0.60	0.61																																															
	0075	0605	34964	2753	683			0.69																																																
	0095	0614	35030	2757	672			0.75	0.82																																															
BT Slide Th 79/11600/71 N 58°14.6' E 11°03.4'												Observer: Engström																																												

13 "Thetis"

1971

Station

77 Sweden

Syd Buskär

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	
0067	57	35	011	41	0	971	03	08	08	0029	00	010	00	00	000				4	8	00
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	$\mu\text{gat}/1$				$\mu\text{gat}/1$	77 78				
08	0000	0066	21099	1694	981	849	0.10	0.55			3	3									
	0005	0065	22280	1788	953	853	0.08	0.52													
	0010	0054	24486	1968	936	849	0.11	0.68													
	0015	0034	26196	2102	884	845	0.23	0.79													
	0020	0221	29737	2377	787	837	0.45	0.86													
	0025	0328	32349	2578	725	838	0.66	0.88													
BT Slide Th 80/358/71 N 57°35.25' E 11°40.90' Observer: Allersand																					

13 "Thetis"

1971

Station

77 Sweden

Trubaduren

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	
0068	57	35	011	37	0	971	03	08	09	0043	00	004	00	00	002				4	80	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	$\mu\text{gat}/1$	$\mu\text{gat}/1$			$\mu\text{gat}/1$	77 78				
09	0000	0061	19123	1375	999	855	0.11	0.71	0.0			3	3								
	0005	0081	19550	1409	990	855	0.10	0.79	0.0												
	0010	0057	23987	1927	956	853	0.02	0.71	0.0												
	0015	0099	26284	2107	856	846	0.17	0.83	0.0												
	0020	0272	29958	2391	770	839	0.48	0.78	4.5												
	0030	0387	33194	2638	735	837	0.67	0.84	8.0												
	0040	0589	34925	2753	658	836	0.82	1.04	8.0												
BT Slide Th 81/358/71 N 57°34.9' E 11°37.0' Observer: Engström																					

13 "Thetis"

1971

Station

77 Sweden

Djupa rännan

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				
0069	57	33	011	31	0	971	03	08	10	0080	01	000	09	04	000					4	81	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	0037	19238	1385		991				857	0.06	0.57	0.0	3	3							
	0005	0039	20141	1616		986				857	0.06	0.57	0.0									
	0010	0034	20867	1675		968				857	0.02	0.69	0.0									
	0015	0263	29676	2369		785				841	0.41	0.95	3.5									
	0020	0256	32182	2569		778				840	0.59	0.80	7.5									
	0030	0390	33356	2644		733				838	0.58	0.75	7.5									
	0040	0460	33861	2684		714				838	0.60	0.78	7.0									
	0050	0572	34703	2737		674				838	0.69	0.87	6.5									
	0060	0594	34955	2755		678				838	0.77	1.02	5.5									
	0080	0594	34909	2751		674				837	0.58	0.85	5.5									
BT Slide Th 82/358/71															Observer: Engström							

13 "Thetis"

1971

Station

77 Sweden

Läsö N Fyrskopp

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				
0070	57	33	011	22	0	971	03	08	11	0049	00	007	14	02	000					4	81	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							
11	0000	0027	18799	1510		989				858	0.10	0.61								3	3	
	0005	0030	21488	1725		978				857	0.04	0.60										
	0010	0245	28236	2256		788				842	0.36	0.87										
	0015	0383	32975	2622		722				837	0.61	0.85										
	0020	0383	33061	2628		723				837	0.66	0.79										
	0030	0383	33156	2636		699				837	0.66	0.77										
	0045	0507	34279	2712		701				838	0.62	0.76										
BT Slide Th 83/358/71															N 57°32.9' E 11°22.0' Observer: Bladh							

13 "Thetis"

1971

Station

77 Sweden

N Läsö

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
0071	57	30	011	09	0	971	03	08	12	0039	00	005	14	02	X	10			4	81	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													
12	0000	X031	22445	1802	964		858	0.05	0.54	2.0		3	3																																
	0005	X024	24736	1988	944		857	0.04	0.72	0.0																																			
	0010	0150	27194	2278	845		848	0.14	1.05	0.0																																			
	0015	0357	31185	2482	736		838	0.55	0.83	6.5																																			
	0020	0438	32991	2618	699		838	0.91		9.0																																			
	0030	0504	34098	2698	678		838	0.68	0.73	9.0																																			
	0035	0505	34190	2712	673		837	0.68	0.83	8.5																																			
BT Slide Th 84/358/71 N 57°30.3' E 11°08.5'												Observer: Engström																																	

13 "Thetis"

1971

Station

77 Sweden

NW Läsö

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0072	57	28	010	51	0	971	03	08	13	0039	00	005	18	02	X	15			48	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														
13	0000	X013	21984	1765	965		858	0.04	0.57			3	3																																
	0005	X048	24208	1945	959		873	0.05	0.63																																				
	0010	0362	31298	2490	738		841	0.50	0.75																																				
	0015	0459	33224	2633	686		837	0.61	0.77																																				
	0020	0480	33652	2665	678		837	0.67	1.18																																				
	0030	0501	33977	2687	669		837	0.71	0.92																																				
	0037	0493	34007	2692	673		837	0.74	0.94																																				
BT Slide Th 85/358/71 N 57°27.5' E 10°51'												Observer: Bladh																																	

13 "Thetis"

1971

Station

77 Sweden

E Fredrikshamn

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
0073	57	26	010	43	0	971	03	08	14	0026	00	006	18	04	X	020			4	8	1	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	X 0043	24051	1931		947		856	0.04	0.53	0.5	3	3																																
	0005	X 0050	24152	1940		943		857	0.02	0.51	0.0																																		
	0010	0314	30204	2407		754		840	0.42	0.86	5.5																																		
	0015	0454	33330	2642		688		838	0.64	0.84	9.0																																		
	0023	0492	33978	2689		660		837	0.74	0.90	10.5																																		
BT Slide Th 86/358/71 N 57°26' E 10°42.5' Observer: Engström																																													

13 "Thetis"

1971

Station

77 Sweden

Läsö ränna

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0074	57	12	010	44	0	971	03	09	08	0023	00	007	29	24	030			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														
08	0000	X 0081	22778	1830		956		849	0.06	0.53	0.3	3	3																																
	0005	X 0090	22759	1828		953		852	0.05	0.51	0.2																																		
	0010	0491	33658	2664		664		834	0.63	0.96	10.0																																		
	0015	0503	33934	2685		664		834	0.71	1.00	10.5																																		
	0020	0498	34002	2690		651		835	0.72	1.18	10.5																																		
BT Slide Th 87/358/71 Observer: Carlberg																																													

13 "Thetis"
77 Sweden

1971

Station
Ålborg bukt

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice			
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	55	56					57	58	59
0075	56	51	010	49	0	971	03	09	10	0013	00	013	29	24	035								16	3	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.													
					ml/l	%							77	78											
10	0000	0016	22995	1846	944		856	0.08	0.54	2.0		3	3												
	0005	0002	25278	2031	946		856	0.11	0.50	1.0															
	0010	0011	25505	2049	922		855	0.10	0.70	1.0															
	0013	0008	25497	2049	913		852	0.09	0.75	0.5															
	BT Slide Th 88/358/71 N 56°51' E 10°48.5' Observer: Engström																								
	Alkal.																								
	Mval/l																								
	0000																								
	0005												2.276												
	0010												2.355												
	0013												2.363												
													2.373												

13 "Thetis"
77 Sweden

1971

Station
W Anolt

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0076	56	39	011	19	0	971	03	09	12	0020	00	011	27	20	033			2	73	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														
12	0000	0076	20278	1629		938		845	0.30	0.73	13.5		3	3																															
	0005	0081	20393	1637		918		845	0.24	0.73	11.5																																		
	0010	0059	22021	1768		577		849	0.10	0.95	1.0																																		
	0015	0528	32423	2562		654		829	0.81	1.01	14.5																																		
	0020	0418						832	0.66	0.85	12.0																																		
BT Slide Th 89/358/71 N 56°39' E 11°18.5'												Observer: Allersand																																	
	0000									Alkal.																																			
	0005									Mval/l																																			
	0010									1.973																																			
	0015									1.965																																			
	0020									1.988																																			
										2.301																																			
										2.268																																			

13 "Thetis"
77 Sweden

1971

Station
Grenå III

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
0077	56	34	011	29	0	971	03	09	13	0027	00	007	29	16	030			2	7	30																									
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														
13	0000	0076	20418	1639		952		848	0.18	0.67	8.5																																		
	0005	0075	20477	1643		960		848	0.18	0.64	8.0																																		
	0010	0274	22846	1825		783		833	0.56	0.74	13.5																																		
	0015	0403	26217	2085		699		832	0.68	0.80	13.0																																		
	0020	0564	33228	2622		636		832	0.75	0.82	11.0																																		
	0025	0560	33552	2648		612		831	0.77	0.81	14.5																																		
BT Slide Th 90/358/71												Observer: Bladh																																	

13 "Thetis"

1971

Station

77 Sweden

Grenå 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				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64
0078	56	29	011	19	0	971	03	09	14	0020	00	008	29	18	035		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	Sal. method	Extra info.								
26 27	28 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	0114	19522	1566		927		843	0.43	0.66	13.5	3	3							
	0005	0121	19578	1570		932		842	0.38	0.73	13.5									
	0010	0105	20641	1655		921		844	0.25	0.83	6.5									
	0015	0404	26059	2072		701		833	0.64	0.88	13.5									
	0020	0451	30954	2453		655		832	0.70	0.73	14.0									
	BT Slide Th 91/358/71 Observer: Allersand																			
	0000								Alkal.											
	0005								Mval/l											
	0010								1.934											
	0015								1.934											
	0020								1.945											
									2.127											
									2.286											

13 "Thetis"

1971

Station

77 Sweden

Grenå 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
0079	56	25	011	07	0	971	03	09	16	0018	00	010	32	24	022		1	23	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			
16	0000	0117	18338	1472		915		839	0.43	0.78	16.5	3	3							
	0005	0121	18450	1473		923		839	0.47	0.74	16.5									
	0010	0123	20612	1653		900		841	0.37	0.77	10.0									
	0015	0471	28869	2295		681		833	0.66	0.84	12.5									
	BT Slide Th 92/358/71 N 56°24.5' E 11°06.5' Observer: Allersand																			

13 "Thetis"

1971

Station

77 Sweden

Syd Grenå

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64
0080	56	16	011	05	0	971	03	10	07	0035	00	010	27	10	000		0	0	20	
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.								
					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	0093	21150	1697	909	034	848	0.19	0.59	3.0	3	3								
	0005	0098	21166	1699	924		845	0.11	0.67	2.0										
	0010	0091	21170	1699	919		846	0.16	0.70	2.0										
	0015	0146	21494	1723	880		843	0.28	0.79	5.0										
	0020	0496	31152	2465	632		833	0.69	0.92	13.5										
	0030	0533	33949	2683	614		832	0.81	1.02	14.0										
	0035	0532	33914	2680	612		832	0.77	0.89	14.0										
BT Slide Th 93/358/71 N 56°15.5' E 11°05' Observer: Allersand																				

13 "Thetis"

1971

Station

77 Sweden

Kattegatt SW

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
0081	56	07	011	10	0	971	03	10	09	0041	00	004	29	14	005		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	Sal. method	Extra info.																																	
26	27	28	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	0070	19610	1574	950		852	0.18	0.67	3.5		3																																	
	0005	0090	20077	1611	948		851	0.14	0.74	2.5																																			
	0010	0106	21031	1686	914		849	0.15	0.75	4.0																																			
	0015	0199	22856	1830	839		844	0.26	0.89	4.5																																			
	0020	0330	25509	2033	735		838	0.51	0.92	9.0																																			
	0030	0516	31689	2505	589		832	0.87	1.01	17.0																																			
	0041	0512	32048	2534	590		832	0.86	1.26	16.0																																			
BT Slide Th 94/358/71 Observer: Carlberg																																													
	0000							Alkal.																																					
	0005							Mval/l																																					
	0010							1.911																																					
	0015							1.927																																					
	0020							1.965																																					
	0030							2.011																																					
	0041							2.106																																					
								2.293																																					
								2.301																																					

13 "Thetis"

1971

Station

77 Sweden

Lad 34

Hydro Depth Observations (Code 0 3)

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	''	°	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59	60	61	62	63	64	
0082	56	09	011	31	0	971	03	10	10	0022	00	010	27	16	010			1	3	30		
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	0026	15546	1249	980				850	0.23	0.70	8.5	3	3								
	0005	0029	16399	1318	988				851	0.21	0.66	5.5										
	0010	0072	21286	1708	949				851	0.09	0.64	0.5										
	0015	0320	25281	2016	760				840	0.43	0.83	6.5										
	0022	0493	30399	2406	597				831	0.79	1.04	15.0										
BT Slide Th 95/358/71 N 56°08.5' E 11°30.5'												Observer: Bladh										

13 "Thetis"

1971

Station

77 Sweden

SE Hesselö

Hydro Depth Observations (Code 0 3)

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	''	°	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59	60	61	62	63	64	
0083	56	10	011	48	0	971	03	10	11	0035	00	014	27	16	010			12	3	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			
11	0000	0035	17697	1422	992				855	0.11	0.69	3.0	3	3								
	0005	0075	20079	1612	954				854	0.10	0.62	2.0										
	0010	0087	20878	1675	928				851	0.13	0.71	3.0										
	0015	0126	21891	1754	567				846	0.26	0.65	6.0										
	0020	0576	31908	2516	573				831	0.89	1.15	15.0										
	0030	0574	32262	2544	580				831	0.93	1.12	15.5										
	0035	0571	32198	2540	567				830	0.88	1.08	6.5										
BT Slide Th 96/358/71												Observer: Bladh										
											Alkal.											
											Mval/l											
	0000										1.842											
	0005										1.929											
	0010										1.957											
	0015										1.998											
	0020										2.293											
	0035										2.299											

13 "Thetis"

1971

Station

77 Sweden

SW "Kattegatt S"

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
0084	56	13	012	07	0	971	03	10	13	0025	00	006	27	22	000			27	3	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	77	78		
13	0000	0030	16819	1350	979			854	0.18	0.65	5.5	3	3							
	0005	0021	16841	1352	975			854	0.16	0.66	4.0									
	0010	0157	22344	1789	873			850	0.13	0.65	0.0									
	0015	0408	27437	2182	671			837	0.63	0.84	11.0									
	0020	0589	32511	2563	555			832	0.96	1.22	16.0									
	0025	0592	33279	2623	561			831	0.90	1.13	16.0									
BT Slide Th		97/358/71		N 56°12.5'		E 12°07'		Observer: Allersand												

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
	°	'	°	'		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
0085	56	15	012	25	0	971	03	10	14	0027	00	000	23	18	005			2	8	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	61 62 63 64	77	78		
14	0000	0043	16177	1300	968			852	0.24	0.74	6.0	3	3							
	0005	0098	21473	1722	931			853	0.12	0.72	0.0									
	0010	0160	22709	1819	877			849	0.13	0.92	0.5									
	0015	0471	28355	2247	662			836	0.62	0.96	11.0									
	0020	0580	32833	2589	543			831	0.98	1.22	16.0									
	0027	0583	33158	2614	564			832	0.96	1.16	6.0									
BT Slide Th		98/358/71		N 56°15'		E 12°24.5'		Observer: Allersand												
	0000									Alkal.										
	0005									Mval/l										
	0010									1.793										
	0015									1.970										
	0020									2.011										
	0027									2.170										
										2.317										
										2.329										

13 "Thetis"

1971

Station

77 Sweden

W Tylön

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				
0086	56	37	012	34	0	971	03	12	04	0022	00	013	27	14	010			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	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			
04	0000	0027	20622	1655	931			849	0.18	0.79	3.0	3	3							
	0005	0032	20608	1655	923			850	0.13	0.80	1.0									
	0010	0050	20699	1662	915			851	0.16	0.79	1.0									
	0015	0201	22302	1785	859			845	0.27	1.11	2.0									
	0022	0450	31436	2492	631			823	0.93	1.49	14.0									
BT Slide Th 99/358/71 Observer: Allersand																				
	0000								Alkal.											
	0005								Mval/l											
	0010								1.919											
	0015								1.919											
	0022								1.947											
									1.973											
									2.286											

13 "Thetis"

1971

Station

77 Sweden

SW Varberg

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				
0087	57	01	012	13	0	971	03	12	08	0038	00	006	23	16	000			1	33	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			
08	0000	0088	25140	2017	880			849	0.24	0.71	4.5	3	3							
	0005	0096	25219	2023	883			850	0.23	0.73	2.5									
	0010	0168	27271	2184	831			847	0.35	0.83	4.5									
	0015	0317	29475	2350	752			842	0.57	0.96	7.5									
	0020	0330	29888	2380	742			842	0.59	1.00	8.0									
	0030	0387	31470	2501	697			839	0.73	1.12	10.5									
	0038	0397	31665	2516	690			835	0.78	1.55	11.0									
BT Slide Th 100/358/71 N 57°01' E 12°12.5' Observer: Bladh																				

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

E 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		
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	56	57					58	59
0088	57	13	011	58	0	971	03	12	09	0055	01	006	27	20	000						1	5	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.												
26 27	28 29 30 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	0180	28503	2282	822			847	0.40	0.75	2.173	3	3											
	0005	0178	28524	2283	822			847	0.37	0.72	2.183													
	0010	0328	30935	2463	753			843	0.57	0.80	2.255													
	0015	0347	31426	2502	746			843	0.60	0.79	2.278													
	0020	0360	31774	2527	736			841	0.62	0.85	2.278													
	0030	0412	31848	2530	713			840	0.72	0.95	2.317													
	0040	0443	33204	2633	684			840	0.75	0.99	2.332													
	0050	0440	33280	2640	687			840	0.78	1.03	2.311													
	0055	0439	33291	2641	685			836	0.81	1.14	2.335													
BT Slide Th 101/358/71 N 57°12.5' E 11°58' Observer: Bladh																								

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

SW Tistlarna

Station No.	Lat.		Long.		N 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	56	57					58	59	60
0089	57	27	011	41	0	971	03	12	12	0047	00	010	23	22	000							2	7	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.													
26 27	28 29 30 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	0107	28366	2274	867			851	0.29	0.59		3	3												
	0005	0103	28353	2274	865			851	0.26	0.64															
	0010	0135	28608	2292	847			850	0.30	0.63															
	0015	0300	31382	2502	766			843	0.55	0.79															
	0020	0402	32671	2595	720			841	0.68	0.87															
	0030	0429	33076	2625	712			840	0.67	0.82															
	0040	0460	33575	2661	703			840	0.74	0.98															
	0047	0474	33773	2675	703			838	0.75	1.07															
BT Slide Th 102/358/71 N 57°26.5' E 11°41' Observer: Bladh																									

13 "Thetis"

1971

Station

77 Sweden

B 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	58	59					60	61	62	63	64
1089	58	21	011	54	0		971	03	17	11	0013	00			20	04	030	012	2	80	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
11	0000	0082	12145	0976			813																				3	0	
	0002	0083	24317	1952			735																						
	0005	0116	25226	2023			729																						
	0010	0562	29700	2344			195																						
N 58°20.55' E 11°54.22' Observer: Claesson																													

13 "Thetis"

1971

Station

77 Sweden

A 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	58	59					60	61	62	63	64
0090	58	20	011	53	0		971	03	17	11	0049	00			20	04	030	009	28	0	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
11	0000	0113	21402	1717			774																				3	0	
	0002	0123	24399	1957			752																						
	0005	0129	25352	2032			726																						
	0010	0566	29664	2340			223																						
	0015	0534	30383	2400			146																						
	0020	0490	30781	2437			099																						
	0030	0463	31010	2458			0																						
	0040	0467	31078	2462			0																						
	0045	0459	31098	2465			0																						
N 58°20.02' E 11°52.5' Observer: Claesson																													

13 "Thetis"

1971

Station

77 Sweden

B 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
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
0091	58	19	011	50	0	971	03	17	12	0025	00		20	04	030	004	4	80	0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Sal. method	Extra info.											
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42				43 44 45	58	59 60	61 62 63 64							
12	0000	0070	23077	1852	812													3	0	
	0002	0062	24683	1982	835															
	0005	0062	25101	2015	838															
	0010	0398	29054	2309	410															
	0015	0508	31746	2511	461															
	0020	0486	32907	2606	618															
	0022	0483	33019	2615	599															
N 58°19.32' E 11°49.55' Observer: Claesson																				

13 "Thetis"

1971

Station

77 Sweden

A 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				
0092	58	19	011	47	0	971	03	17	12	0040	00		20	04	030	003	4	80	0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Sal. method	Extra info.											
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42				43 44 45	58	59 60	61 62 63 64							
12	0000	0058	24597	1975	823													3	0	
	0002	0055	24623	1976	828															
	0005	0059	25088	2014	840															
	0010	0406	29162	2317	525															
	0015	0482	31647	2506	493															
	0020	0489	32794	2596	602															
	0030	0495	33446	2648	638															
	0037	0486	33495	2652	589															
N 58°18.8' E 11°46.52' Observer: Claesson																				

13 "Thetis"

1971

Station

77 Sweden

A 3

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64
0093	58	17	011	41	0	971	03	17	13	0061	01		20	04	030	000	4	8	00	
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							
13	0000	0026	23738	1906		828				3	0									
	0002	0033	23858	1916		832														
	0005	0059	24560	1972		818														
	0010	0253	27279	2180		623														
	0015	0319	28481	2271		588														
	0020	0435	29019	2303		218														
	0030	0412	29190	2319		325														
	0040	0408	29362	2332		387														
	0050	0405	29538	2347		395														
	0060	0415	29588	2350		395														
N 58°17.05' E 11°40.55' Observer: Claesson																				

13 "Thetis"

1971

Station

77 Sweden

Idefjord 4

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	°	'		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
0094	59	05	011	23	0	971	04	01	09	0036	00		05	06	030		2	89	0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t		Oxygen		pH	Tot.P.	Sal. method	Extra info.									
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45					58 59 60	61 62 63 64	77 78						
09	0000	0205	00284	0023		870			0.72		3	8								
	0003	0628	22918	1803		0			1.50											
	0005	0899	27261	2112		0			1.74											
	0010	0677	28908	2270		094			0.88											
	0020	0642	30956	2433		0			4.10											
	0030	0533	31063	2455		110			1.64											
BT Slide Th 103/358/71 N 59°04.9' E 11°23'											Secchi disc: 1.4 m									
Observer: Claesson																				

13 "Thetis"

1971

Station

77 Sweden

Idefjord 5

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature			Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	°					'
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 : 57	58 59 : 60	61	62	63	64		
0095	59	06	011	22	0	971	04	01	09	0028	00		05	06	030				2	8	90	
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	ml/l	%	μ gat/l	77	78			
09	0000	0233	00630	0051		742								1.04							3	8
	0003	0604	22998	1812		020								1.26								
	0005	0791	27315	2130		0								1.53								
	0010	0468	28838	2286		164								0.99								
	0015	0601	30062	2368		147								1.05								
	0025	0536	30928	2443		0								2.39								
BT Slide Th		104/358/71		Secchi disc: 1.1 m		Observer: Claesson																

13 "Thetis"

1971

Station

77 Sweden

Idefjord 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	°					'	°
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 : 57	58 59 : 60	61	62	63	64			
0096	59	07	011	19	0	971	04	01	10	0039	00		05	06	035				2	8	10		
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	ml/l	%	μ gat/l	77	78				
10	0000	0302	01487	0121		715								1.56								3	8
	0003	0326	23786	1896		606								0.91									
	0005	0339	27115	2161		551								1.12									
	0010	0358	28326	2256		476								1.01									
	0015	0399	28963	2301		370								0.89									
	0020	0515	30342	2399		155								1.37									
	0025	0524	30858	2440		117								1.72									
	0030	0483	31085	2462		226								1.25									
BT Slide Th		105/358/71		N 59°06.5' E 11°18.8'		Secchi disc: 1.0 m		Observer: Claesson															

13 "Thetis"

1971

Station

77 Sweden

Idefjord 17

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																							
	°	'	''	°	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																											
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0101	59	05	011	11	0			971	04	01	13	0075	01		05	08	055						2	81	0																				
Obs. time	Obs. depth	Temp.	Sal.	σ_t			Oxygen		pH	Tot.P $\mu\text{g}/\text{l}$	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	0276	27319	2182			839			0.55		3	8																																
	0005	0276	27504	2196						0.58																																			
	0010	0249	28346	2264			829					0																																	
	0015	0225	28879	2309																																									
	0020	0224	30349	2424			784			0.65		8																																	
	0030	0363	32654	2597								0																																	
	0040	0474	34221	2702																																									
	0050	0566	34444	2717			657			0.89		8																																	
	0070	0529	34668	2740			641					0																																	
BT Slide Th 110/11600/71 N 59°04.8' E 11°10.5' Secchi disc: 4 m																																													
Observer: Claesson																																													

13 "Thetis"

1971

Station

77 Sweden

Säcken

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
0102	59	00	011	07	0			971	04	01	14	0130	01		05	08	045						28	1	0																				
Obs. time	Obs. depth	Temp.	Sal.	σ_t			Oxygen		pH	Tot.P $\mu\text{g}/\text{l}$	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	0323	24473	1952						0.61		3	8																																
	0005	0262	27462	2193						0.61																																			
	0010	0252	28185	2253								0																																	
	0020	0224	30406	2430						0.66		8																																	
	0040	0496	34451	2710								0																																	
	0060	0547	34709	2740						0.85		8																																	
	0080	0552	34778	2746								0																																	
	0100	0547	34819	2759						0.84		8																																	
BT Slide Th 111/11600/71 N 59°00.4' E 11°06.8' Secchi disc: 4.2 m																																													
Observer: Claesson																																													

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Idefjord 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																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0103	59	02	011	25	0	971	04	02	09	0028	00			05	02	045	021	2	80	0																									
Obs. time	Obs. depth	Temp.	Sal.	σ_t		Oxygen		pH	Tot.P $\mu\text{gat/l}$	Sal. method	Extra info.																																		
26	27	28	29	30	31	32	33					34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78													
09	0000	0232	00151	0012		932			0.91	3	8																																		
	0003	0722	24438	1912		0			1.63																																				
	0005	0973	27891	2149		0			2.02																																				
	0010	0927	29619	2289		0			1.49																																				
	0015	0752	30615	2392							0																																		
	0020	0648	31000	2435		0			4.48		8																																		
	0025	0613	31081	2446					2.89																																				
BT Slide Th 112/358/71 N 59°02.2' E 11°25.0' Secchi disc: 1.9 m																																													
Observer: Claesson																																													

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Idefjord 3

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0104	59	03	011	24	0	971	04	02	09	0034	00			05	02	045	024	2	80	0																									
Obs. time	Obs. depth	Temp.	Sal.	σ_t		Oxygen		pH	Tot.P $\mu\text{gat/l}$	Sal. method	Extra info.																																		
26	27	28	29	30	31	32	33					34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78													
09	0000	0250	00089	0009		922			0.52	3	8																																		
	0003	0678	24020	1884		0			1.47																																				
	0005	0945	27615	2133		0			1.86																																				
	0010	0920	29467	2279		0			1.40																																				
	0015	0761	30468	2380							0																																		
	0020	0644	30997	2426		0			4.51		8																																		
	0030	0595	31159	2455					1.84																																				
BT Slide Th 113/358/71 N 59°03.4' E 11°24.3' Secchi disc: 1.8 m																																													
Observer: Claesson																																													

13 "Thetis"

1971

Station

77 Sweden

SW Hällö

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
0111	58	15	011	03	0	971	05	18	09	0100	01	000	14	04	125			48	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	77	78												
09	0000	1127	22193	1682	722			0.07	0.46		3	3																																	
	0005	1039	25230	1931	718			0.06	0.48																																				
	0010	0756	30666	2396	780			0.06	0.45																																				
	0015	0768	33457	2614	763			0.08	0.37																																				
	0020	0692	34177	2681	746			0.12	0.39																																				
	0030	0624	34769	2736	720			0.41	0.57																																				
	0040	0610	34848	2744	705			0.47	0.64																																				
	0050	0615	34893	2747	692			0.55	0.66																																				
	0075	0607	34992	2756	668			0.62	0.79																																				
	0095	0588	35025	2761	656			0.74	0.93																																				
BT Slide Th 121/11600/71 N 58°14.6' E 11°03.4' Observer: Engström																																													

13 "Thetis"

1971

Station

77 Sweden

Smedjepricken

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	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
0112	58	16	011	22	0	971	05	18	10	0056	00	010	16	08	130			6	81	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												
10	0000	1182	19977	1504	710			0.08	0.54		33																																		
	0005	1164	20273	1528	718			0.07	0.50																																				
	0010	1124	21318	1615	730			0.06	0.40																																				
	0015	0752	29295	2290	754			0.09	0.37																																				
	0020	0550	32584	2572	662			0.35	0.58																																				
	0030	0533	34076	2692	621			0.69	0.90																																				
	0040	0551	34356	2712	617			0.74	0.89																																				
	0050	0546	34405	2718	622			0.71	1.34																																				
BT Slide Th 122/358/71 N 58°15.85' E 11°22.35' Observer: Engström																																													

13 "Thetis"

1971

Station

77 Sweden

Alsäck

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																							
	°	'	''	°	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58	59	60	61	62	63	64											
0113	58	19	011	33	0	971		05	18	11	0115	01			20	14	130							6	8	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																
11	0000	1180	21310	1606			728					841	0.05	0.49														33																			
	0005	1179	21321	1607			736					838	0.04	0.45																																	
	0010	1134	21672	1641			746					840	0.04	0.37																																	
	0015	0476	31353	2483			673					832	0.05																																		
	0020	0461	33312	2640			563					824	0.70																																		
	0030	0485	34081	2698			578					826	0.88																																		
	0040	0506	34275	2712			587					827	0.85																																		
	0050	0526	34385	2719			646					829	0.81																																		
	0060	0512	34426	2723			601					829	0.91																																		
	0070	0491	34440	2726			593					828	0.92																																		
	0080	0481	34476	2730			592					827	0.96																																		
	0090	0493	34485	2729			593					828	0.96																																		
	0100	0492	34499	2730			589					828	1.06																																		
	0110	0482	34521	2734			568					826	1.28																																		
BT Slide Th												123/11600/71												N 58° 19.17' E 11° 32.6'												Observer: Engström											

13 "Thetis"

1971

Station

77 Sweden

Saltkällefjord

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
0114	58	25	011	39	0	971	05	18	13	0062	01	000	23	06	145			2	72	0																									
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Sol. method	Extra info.																																			
26	27	28	29	30	31	32					33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78													
13	0000	1339	18984	1400	743			838	0.06											33																									
	0005	1236	21124	1582	754			840	0.06																																				
	0010	1079	21742	1655	756			840	0.07																																				
	0015	0485	29678	2350	687			836	0.14																																				
	0020	0445	33392	2648	543			822	0.88																																				
	0030	0489	34156	2704	568			824	1.00																																				
	0040	0502	34260	2710	571			825	1.02																																				
	0050	0502	34292	2713	579			825	1.05																																				
	0058	0492	34335	2718				826	1.02																																				
BT Slide Th 124/358/71 N 58°25.2' E 11°39.3' Observer: Engström																																													

13 "Thetis"

1971

Station

77 Sweden

Örekilsälvens mynning

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
0115	58	26	011	41	0	971	05	18	13	0023	00	000	23	06	145			2	72	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	1384	16364	1192	737			837	0.09											33																									
	0005	1232	21628	1622	755			838	0.04																																				
	0010	1109	21482	1630	744			838	0.06																																				
	0015	0448	31200	2474	599			827	0.43																																				
	0020	0417	33353	2648	469			816	0.97	1.25																																			
BT Slide Th 125/358/71 N 58°26' E 11°40.5' Observer: Engström																																													

13 "Thetis"
77 Sweden

1971

Station
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	
0122	57	54	011	32	0	971	05	24	11	0036	00	013	05	24	095			1	2	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	77	78				
11	0000	1159	21207	1601	693				840	0.09	0.48									33	
	0005	1161	21217	1601	706				842	0.08	0.57										
	0010	1150	21230	1604	714				842	0.08	0.61										
	0015	1130	25829	1964	702				843	0.07	0.55										
	0020	0752	32435	2535	688				842	0.19	0.40										
	0030	0638	34072	2679	649				839	0.49	0.61										
BT Slide Th 132/358/71 Observer: Bladh																					

13 "Thetis"
77 Sweden

1971

Station
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	
0123	57	55	011	36	0	971	05	24	11	0062	01		05	22	095			1	2	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	77	78				
11	0000	1192	20551	1545	713				845	0.10	0.41									33	
	0005	1182	20937	1577	709				847	0.05	0.41										
	0010	1147	23558	1786	709				842	0.06	0.38										
	0015	0993	28394	2183	706				842	0.09	0.42										
	0020	0722	32786	2568	660				841	0.24	0.43										
	0030	0653	33980	2670	640				838	0.51	0.70										
	0040	0601	34250	2698	606				836	0.71	0.76										
	0050	0591	34315	2705	608				835	0.74	0.94										
	0062	0611	34399	2708	631				835	0.80	1.11										
BT Slide Th 133/358/71 N 57°55.18' E 11°35.6' Observer: Engström																					

13 "Thetis"

1971

Station

77 Sweden

Byfjorden innre

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	°	°					°
0128	58	21	011	54	0	971	05	25	08	0012	00	003	05	22	060						2	72	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	H ₂ S 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				
08	0000	1107	22011	1672	631			848	1.19	2.14													
	0002	1106	22159	1683	634			848	0.96	1.87													
	0005	0978	22809	1752	642			847	0.28	1.00													
	0010	0680	23574	1849	566			839	0.28	0.71													
BT Slide Th 138/358/71													N 58°20.6' E 11°54.3' Observer: Engström										

13 "Thetis"

1971

Station

77 Sweden

Byfjorden

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	°	°					°	°
0129	58	20	011	53	0	971	05	25	08	0048	00		05	22	060							2	72	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	H ₂ S 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					
08	0000	1158	21929	1657	680			850	0.13	0.91														
	0002	1160	21933	1657	678			853	0.23	0.88														
	0005	1137	22040	1669	673			855	0.18	0.88														
	0010	0710	24758	1939	541			835	0.30	0.84														
	0015	0506	30604	2421	018			786	3.45	3.74														
	0020	0498	30758	2434	010			780	6.13	6.16														
	0025	0481	30907	2448	0			778	6.35	6.19	7.5													
	0030	0464	31008	2457	0			774	7.22	7.82	55.0													
	0035	0467	31050	2461	0			771	7.74	8.22	62.0													
	0040	0463	31055	2461	0			770	7.91	10.23	62.5													
	0045	0455	31059	2462	0			771	6.05	9.92	64.0													
BT Slide Th 139/358/71													Observer: Engström											

13 "Thetis"

1971

Station

77 Sweden

Björningarna

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
0130	58	16	011	49	0	971	05	25	09	0028	00	007	05	22	060					1	62	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														
09	0000	1253	21542	1611	698			845	0.06	0.61	3	3																																	
	0005	1254	21556	1613	693			853	0.06	0.59																																			
	0010	0714	24339	1905	631			842	0.08	0.48																																			
	0015	0468	28297	2243	395			812	0.66	1.01																																			
	0020	0524	31351	2478	466			821	0.92	1.09																																			
	0028	0529	32076	2535	365			811	1.36	1.57																																			
BT Slide Th 140/358/71 N 58°15.58' E 11°49.24' Observer: Bladh																																													

13 "Thetis"

1971

Station

77 Sweden

Havstensfjord

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																							
	5	6	7	8	9	10		11	12	13					14	15	16	17					18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0131	58	11	011	46	0	971	05	25	11	0041	00	007	05	18	075					1	42	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														
11	0000	1239	21789	1633	692			851	0.05	0.66	3	3																																	
	0005	1236	21804	1634	693			854	0.07	0.66																																			
	0010	0671	25095	1971	580			838	0.16	0.59																																			
	0015	0408	29331	2330	312			804	1.18	1.46																																			
	0020	0476	31140	2466	337			806	1.59	1.98																																			
	0030	0487	33267	2634	348				1.49	1.61																																			
	0041	0500	33371	2640	295				2.09	2.34																																			
BT Slide Th 141/358/71 N 58°10.75' E 11°46.4' Observer: Bladh																																													

13 "Thetis"

1971

Station

77 Sweden

Kalvöfjord

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0132	58	17	011	41	0	971	05	25	10	0058	01	006	05	18	075			1	42	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														
10	0000	1236	22680	1703	703			0.09	0.64			3	3																																
	0005	1238	22708	1705	697			0.07	0.59																																				
	0010	0847	24249	1882	647			0.14	0.53																																				
	0015	0406	28247	2245	187			1.16	1.50																																				
	0020	0439	28877	2292	070			3.60	3.82																																				
	0025	0435	29097	2309	110			3.82	3.92	0																																			
	0030	0435	29202	2317	137			3.82	3.97	0																																			
	0035	0433	29243	2320	168			3.68	3.82	0																																			
	0040	0425	29276	2324	193			3.49	3.68	0																																			
	0045	0421	29305	2326	246			3.22	3.36	0																																			
	0050	0420	29368	2331	209			3.40	3.76	0																																			
	0055	0411	29405	2335	160			3.75	4.16	0																																			
	0058	0416	29408	2334	0			6.70	8.65	11.2																																			
BT Slide Th 142/358/71 N 58°17.07' E 11°40.8' Observer: Engström																																													

13 "Thetis"

1971

Station

77 Sweden

Borgilafjord

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0133	58	15	011	38	0	971	05	25	12	0061	01	009	05	26	090			14	2	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															
12	0000	1237	22987	1727	694			0.06	0.59			3	3																																
	0005	1237	23008	1728	693			0.05	0.64																																				
	0010	1189	23259	1756	685			0.05	0.58																																				
	0015	0469	28167	2234	041			2.56	3.13	0																																			
	0020	0458	28910	2292	035			3.93	4.27	0																																			
	0030	0447	29213	2316	107			3.92	4.22	0																																			
	0040	0440	29261	2321	115			3.86	4.17	0																																			
	0050	0427	29309	2326	128			3.86	4.20	0																																			
	0061	0428	29310	2326	128			3.68	3.96	0																																			
BT Slide Th 143/358/71 N 58°15.2' E 11°37.75' Observer: Bladh																																													

13 "Thetis"

1971

Station

77 Sweden

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																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0134	58	14	011	35	0	971	05	25	12	0044	00	013	05	26	090			1	42	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															
12	0000	1211	23351	1759	691			0.06	0.56			3	3																																
	0005	1209	23361	1760	694			0.05	0.56																																				
	0010	1203	23382	1762	688			0.05	0.58																																				
	0015	0499	28151	2229	035			3.15	3.64	0																																			
	0020	0467	28985	2297	012			4.55		0			4																																
	0025	0466	29113	2306	013			4.48	4.76	0			3																																
	0030	0455	29211	2316	026			4.54	4.96	0																																			
	0035	0437	29261	2321	034			4.55	4.75	0																																			
	0044	0455	29253	2319	021			6.20	6.38	5.8																																			
BT Slide Th 144/358/71 N 58°13.83' E 11°34.8' Observer: Bladh																																													

13 "Thetis"

1971

Station

77 Sweden

S 14 Kosterfjord

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
0135	58	50	011	06	0	971	05	26	11	0231	02	005	02	16	070							2	82	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	%																			
12	0000	1052	21094	1608	708			0.05	0.44																
	0005	1069	21306	1623	708			0.03	0.40																
	0010	0548	31961	2523	666			0.23	0.75																
	0015	0517	33119	2619	653			0.44	0.62																
	0020	0508	33712	2666	651			0.55	0.68																
	0030	0519	34393	2719	647			0.70	0.82																
	0040	0521	34623	2736	643			0.73	0.88																
	0050	0538	34706	2742	640			0.77	0.88																
	0075	0541	34813	2749	647			0.77	0.92																
	0100	0531	34874	2756	653			0.76	0.92																
11	0125	0544	34919	2758	658			0.83	0.86																
	0150	0534	34911	2758	658			0.80	0.92																
	0175	0542	34916	2758	653			0.86	0.96																
	0200	0542	34927	2759	647			0.88	1.03																
	0225	0528	34933	2761	639			1.17	1.51																
BT Slide Th 145/13268/71												N 58°49.6' E 11°05.8' Observer: Bladh													

13 "Thetis"

1971

Station

77 Sweden

E Väderö

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		
0136	58	35	011	05	0	971	05	26	14	0134	01		05	20	060					6	82	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	
14	0000	1082	21806	1660	712								0.04	0.40														3	3
	0005	1083	21817	1660	713								0.03	0.40															
	0010	0987	24358	1872	721								0.04	0.77															
	0015	0579	32127	2533	735								0.04	0.43															
	0020	0543	33690	2661	670								0.41	0.60															
	0030	0556	34287	2706	657								0.54	0.71															
	0040	0555	34527	2726	652								0.63	0.77															
	0050	0572	34680	2735	641								0.72	0.76															
	0075	0573	34780	2743	630								0.78	0.92															
	0100	0541	34862	2753	629								0.87																4
	0134	0552	34849	2752	630								0.88	0.94															3
BT Slide Th 146/11600/71 N 58°34.9' E 11°05.3 Observer: Engström																													

13 "Thetis"

1971

Station

77 Sweden

S Syster

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									
0137	58	35	011	39	0	971	05	26	14	0063	01		05	16	070																					
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																												
14	0000	1087	21854	1662	713								0.03	0.41																						
	0005	0987	21892	1680	711								0.03	0.35																						
	0010	0722	29599	2317	775								0.03	0.80																						
	0015	0704	32736	2566	726								0.09	0.34																						
	0020	0621	33291	2620	688								0.30	0.41																						
	0030	0548	34425	2719	641								0.62	0.82																						
	0040	0576	34719	2738	643								0.72	0.72																						
	0050	0574	34813	2745	632								0.80	0.93																						
	0060	0557	34814	2748	628								0.85	0.95																						
BT Slide Th 147/358/71 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
	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
0140	58	20	011	02	0	971	05	25	17	0093	01	000	07	20	070			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	1071	22048	1680		710			0.03			3	4							
	0005	1071	22067	1682		706			0.03											
	0010	1080	22262	1695		704			0.02											
	0015	0728	31709	2482		769			0.03											
	0020	0688	33469	2626		751			0.04											
	0030	0641	34352	2700		695			0.28											
	0040	0610	34589	2723		674			0.41											
	0050	0614	34766	2737		676			0.52											
	0075	0608	34903	2748		653			0.64											
	0085	0604	34975	2755		647			0.64											
BT Slide Th		150/11600/71		N 58°20.2' E		11°02'		Observer: Bladh												

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
	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
0141	58	19	010	57	0	971	05	26	18	0112	01	010	09	16	080			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			
18	0000	1070	22538	1718		712			0.03	0.37		3	3							
	0005	1071	22545	1719		707			0.03	0.44										
	0010	1073	25237	1927		715			0.05	0.37										
	0015	0798	33465	2610		744			0.04	0.33										
	0020	0764	33841	2644		728			0.08	0.28										
	0030	0731	33962	2658		722			0.14	0.33										
	0040	0697	34142	2677		724			0.15	0.32										
	0050	0659	34390	2701		716			0.26	0.38										
	0075	0610	34853	2745		666			0.60	0.68										
	0100	0611	35040	2759		645			0.81	0.89										
BT Slide Th		151/11600/71		N 58°19' E		10°56.5'		Observer: Bladh												

13 "Thetis"

1971

Station

77 Sweden

Å 15

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																															
	5	6	7	8	9	10		11	12	13					14	15	16	17	18	19					20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0142	58	18	010	51	0	971	05	26	19	0135	01				09	16	085					2	89	0																															
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P		Sal. method	extra info.																																												
26	27	28	29	30	31	32		33	34			35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78																								
19	0000	1058	22865	1745	692				0.04		3	4																																											
	0005	1063	22875	1745	697				0.03																																														
	0010	1038	27251	2089	707				0.04																																														
	0015	0778	33689	2630	728				0.07																																														
	0020	0745	33897	2651	722				0.09																																														
	0030	0686	34262	2688	721				0.14																																														
	0040	0676	34351	2697	711				0.20																																														
	0050	0659	34454	2706	707				0.23																																														
	0075	0603	34884	2747	658				0.68																																														
	0100	0626	35042	2757	645				0.68																																														
	0125	0620	35099	2762	641				0.80																																														
BT Slide Th 152/11600/71												N 58°17.7'		E 10°51'		Observer: Engström																																							

13 "Thetis"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Å 16

Station No.	Lat.		Long.		N 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		
0143	58	16	010	44	0	971	05	26	19	0202	02	010	09	16	085				2	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	77	78																
20	0000	1048	22208	1696				0.04	0.34		3	3																																			
	0005	1053	22265	1700				0.03	0.30																																						
	0010	1076	27504	2102				0.03	0.32																																						
	0015	0671	33030	2593				0.05	0.35																																						
	0020	0706	34008	2666				0.13	0.33																																						
	0030	0639	34486	2712				0.34	0.52																																						
	0040	0633	34806	2737				0.51	0.57																																						
	0050	0706		705				0.25	0.38																																						
	0075	0635	34894	2744				0.61	0.60																																						
	0100	0625	35108	2762				0.74	0.80																																						
19	0125	0619	35132	2765				0.75	0.79																																						
	0150	0621	35123	2764				0.76	0.84																																						
	0175	0601	35128	2767				0.79	0.83																																						
	0190	0578	35122	2769				0.78	0.83																																						
BT Slide Th 153/13268/71												N 58°16' E 10°43.5'												Observer: Engström																							

13 "Thetis"

1971

Station

77 Sweden

Å 17

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56
0144	58	15	010	34	0	971	05	26	21	0285	03	010	09	08	090						5	8	30
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	1049	21533	1643	695				0.03			3	4										
	0005	1048	21550	1645	700				0.03														
	0010	1043	27471	2105	700				0.03														
	0015	0824	32833	2556	812				0.02														
	0020	0642	34075	2679	763				0.07														
	0030	0626	34576	2720	714				0.37														
	0040	0667	34949	2745	671				0.53														
	0050	0640	35012	2752	660				0.64														
	0075	0623	35081	2760	650				0.71														
	0100	0638	35129	2762	658				0.68														
	0125	0624	35137	2765	647				0.74														
	0150	0620	35132	2765	650				0.74														
	0200	0589	35111	2767	639				0.75														
	0275	0547	35092	2771	624				0.82														
BT Slide Th 154/13268/71												N 58°14.5' E 10°34' Observer: Bladh											

13 "Thetis"

1971

Station

77 Sweden

Å 18 B

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0145	58	16	010	17	0	971	05	26	23	0415	04	005	16	08	100			5	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												
23	0000	0984	24072	1849	703				0.03	0.32		3 3																																	
	0005	0988	24485	1882	702				0.03	0.37																																			
	0010	1058	28050	2149	691				0.03	0.34																																			
	0015	0575	33275	2625	788				0.03	0.37																																			
	0020	0505	34156	2702	647				0.50	0.68																																			
	0030	0549	34590	2731	662				0.54	0.70																																			
	0040	0578	34763	2741	665				0.54	0.72																																			
	0050	0600	34874	2747	665				0.55	0.68																																			
	0075	0630	35009	2754	651				0.59	0.72																																			
	0100	0621	35066	2760	652				0.59	0.70																																			
	0125	0632	35096	2760	644				0.62	0.68																																			
	0150	0621	35110	2762	646				0.64	0.70																																			
	0200	0596	35118	2767	615				0.68	0.75																																			
	0300	0546	35090	2771	632				0.69	0.82																																			
	0400	0504	35078	2775	624				0.74	0.93																																			
BT Slide Th 155/13268/71 N 58°16' E 10°16.5' Observer: Bladh																																													

20 "TV 252"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Hållsundsudde

Station No.	Lat.		Long.		N 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
0001	57	20	012	01	0	971	01	02		0033	00		20	10									1	5	20		
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																
	0000	004		23549		1892																				3	0
	0010	038		26951		2144																					
	0020	068		30012		2354																					
	0030	067		32951		2586																					
BT Slide TV 252 1/10874/71 N 57°20.25' E 12°00.85'																											

20 "TV 252"

1971

Station

77 Sweden

Hydro Depth Observations (Code 03)

Hållsundsudde

Station No.	Lat.		Long.		N 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
0002	57	20	012	01	0	971	01	05	14	0033	00		05	08											2	83	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	010		23776		1907																				3	0
	0010	004		24035		1930																					
	0020	009		24476		1964																					
	0030	087		32658		2535																					
BT Slide TV 252 2/10874/71 N 57°20.25' E 12°00.85'																											

20 "TV 252"
77 Sweden

1971

Station
Hållsundsudde

Hydro Depth Observations (Code 0 3)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb					
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61 62	63 64			
0019	57	20	012	01	0	971	04	03	11	0033	00		99	02					2 8	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	77 78								
11	0000	0390	18572	1480																3 0	
	0010	0240	21539	1726																	
	0020	0350	30594	2431																	
	0030	0505	34272	2710																	
BT Slide TV 252 19/10874/71 N 57°20.25' E 12°00.85'																					

20 "TV 252"
77 Sweden

1971

Station
Hållsundsudde

Hydro Depth Observations (Code 0 3)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb					
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61 62	63 64			
0020	57	20	012	01	0	971	04	08	08	0034	00		14	08					2 8	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								
08	0000	0375	16586	1323																3 0	
	0010	0280	21064	1683																	
	0020	0435	32847	2606																	
	0030	0490	34319	2716																	
BT Slide TV 252 20/10874/71 N 57°20.25' E 12°00.85'																					

