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Ödsmål. Kville sn, Bohuslän

Hällristning
Fiskare från
bronsåldern

Rock carving
Bronze age
fishermen



**MEDDELANDE från
HAVSFISKELABORATORIET • LYSEKIL**

nr
104

Hydrografiska avdelningen, Göteborg

Hydrographical Data

January - June 1970

R.V. Skagerak

R.V. Thetis

and

TV 252 1970

March 1971

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

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

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

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

Explanation to headline numbers for hydrographic information.

- 26-27. Observation Time. The nearest hour of the time (in GMT) for the observation. The change of day (and month) during the work at a station is indicated by adding 24 to the time in hours.
- 28-31. Observation Depth in metres. An overpunch 11 in col. 31 should be made when the depth has been obtained by application of an unprotected thermometer in this depth. That a depth is questionable is indicated by an overpunch 11 in col. 29.
- 32-35. Temperature at the Observation Depth, in degrees centigrade to the 2nd decimal place. A negative temperature is indicated by an overpunch 11 in column 32. That a temperature value is questionable is indicated by an overpunch 11 in column 33.
- 36-40. Salinity of the Sample, in parts per thousand, to the 3rd decimal place. That a salinity value is questionable is indicated by an overpunch 11 in column 37. When the salinity is known only to the 2nd decimal place column 40 will be left blank.
- 41-45. σ_t , given to the 3rd decimal place. A negative value of σ_t is indicated by an overpunch 11 of column 41. The column for the 3rd decimal place not being determined will be left blank. σ_t will normally be machine computed.
- 58-60. Oxygen Content, given in cm^3 at NTP per dm^3 of water at 20°C to the 2nd decimal-place. If the value is $\geq 10.00 \text{ cm}^3/\text{dm}^3$, the excess of 10.00 is entered, and an overpunch 11 is punched in column 58. That a value is questionable is indicated by an overpunch 11 in column 59.

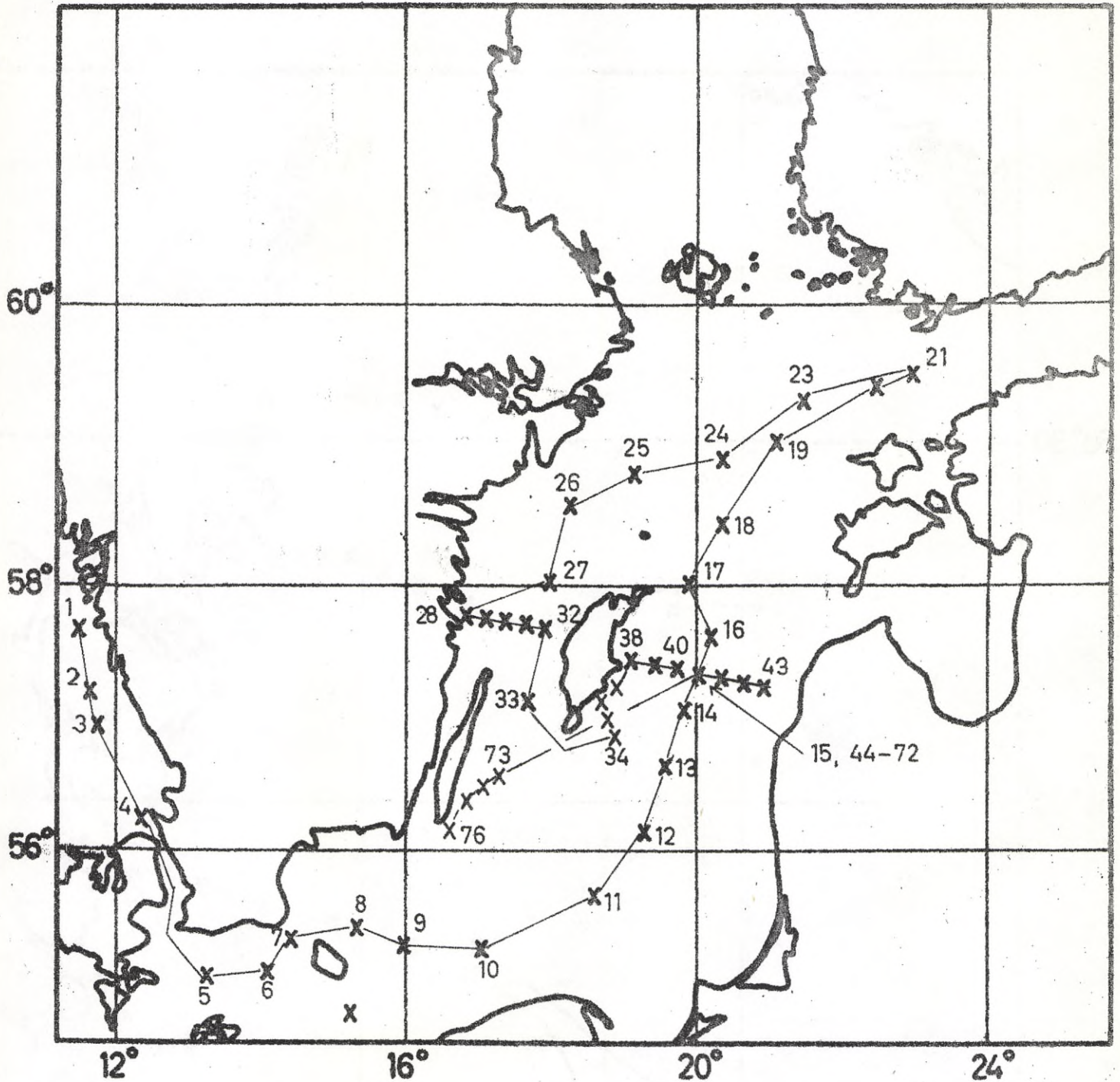
77. Method used for determination of salinity, according to the following code:

- 1 - Titration by routine Mohr-Knudsen method
- 2 - Titration by special precision method
- 3 - Conductivity measurement by instrument designed to give the salinity permille with a standard deviation of 0.01 or less
- 4 - Conductivity measurement by instrument designed to give the salinity permille with a standard deviation greater than 0.01
- 5 - Refraction index measurement
- 6 - Direct density measurement.

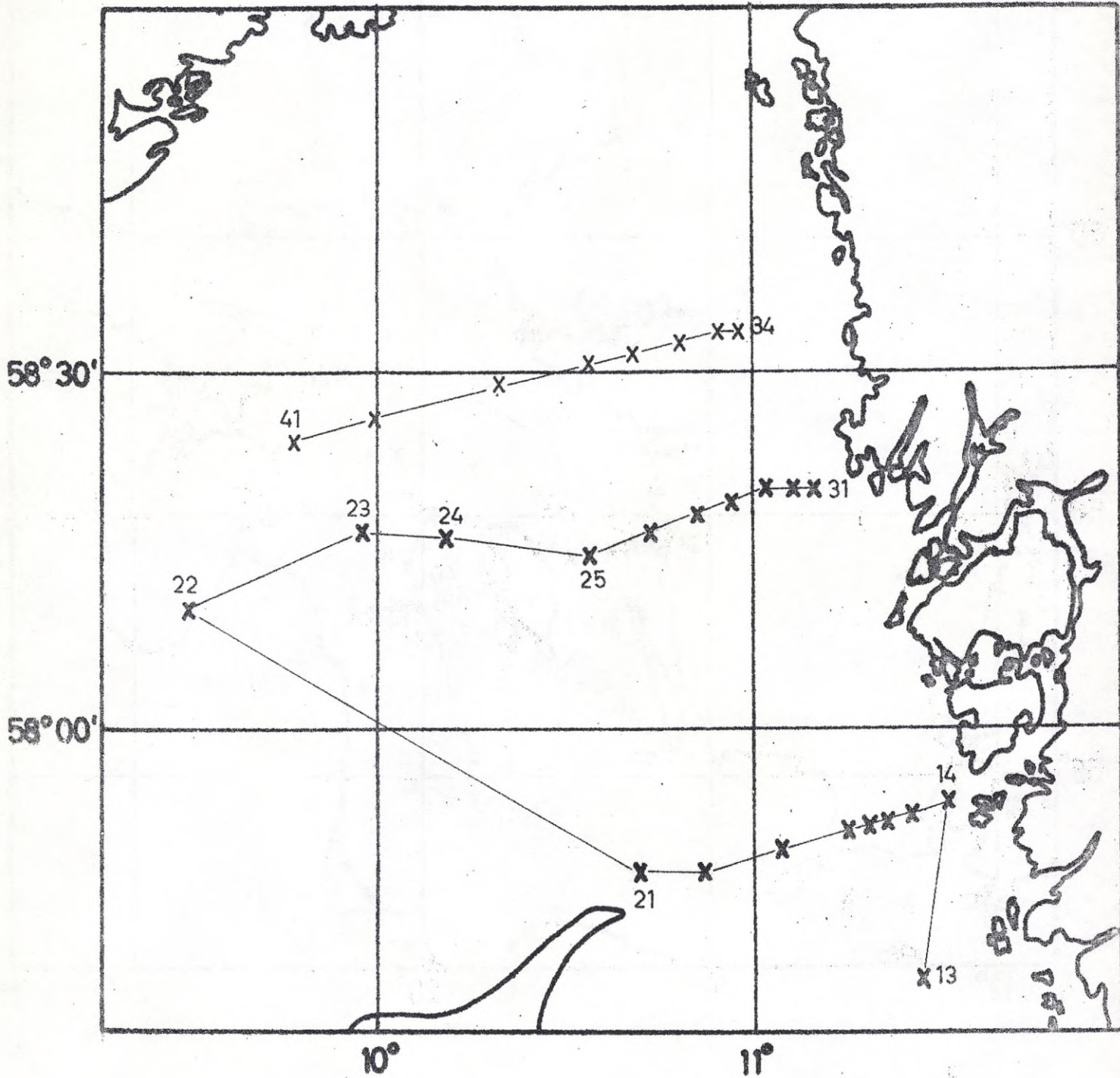
78. Extra Information. Here is indicated whether or not other information than that given in the foregoing columns exists for the depth in question. The following code is used:

- 0 - No further information
- 1 - Further information other than chemical
- 2 - Further information plus chemical results
- 3 - Chemical results only, not covered by 4-9
- 4 - Phosphate only
- 5 - Phosphate and silicate only
- 6 - Phosphate and nitrate and/or nitrite only
- 7 - Phosphate, silicate and nitrate and/or nitrite only
- 8 - Total phosphorus only
- 9 - Total phosphorus and silicate only.

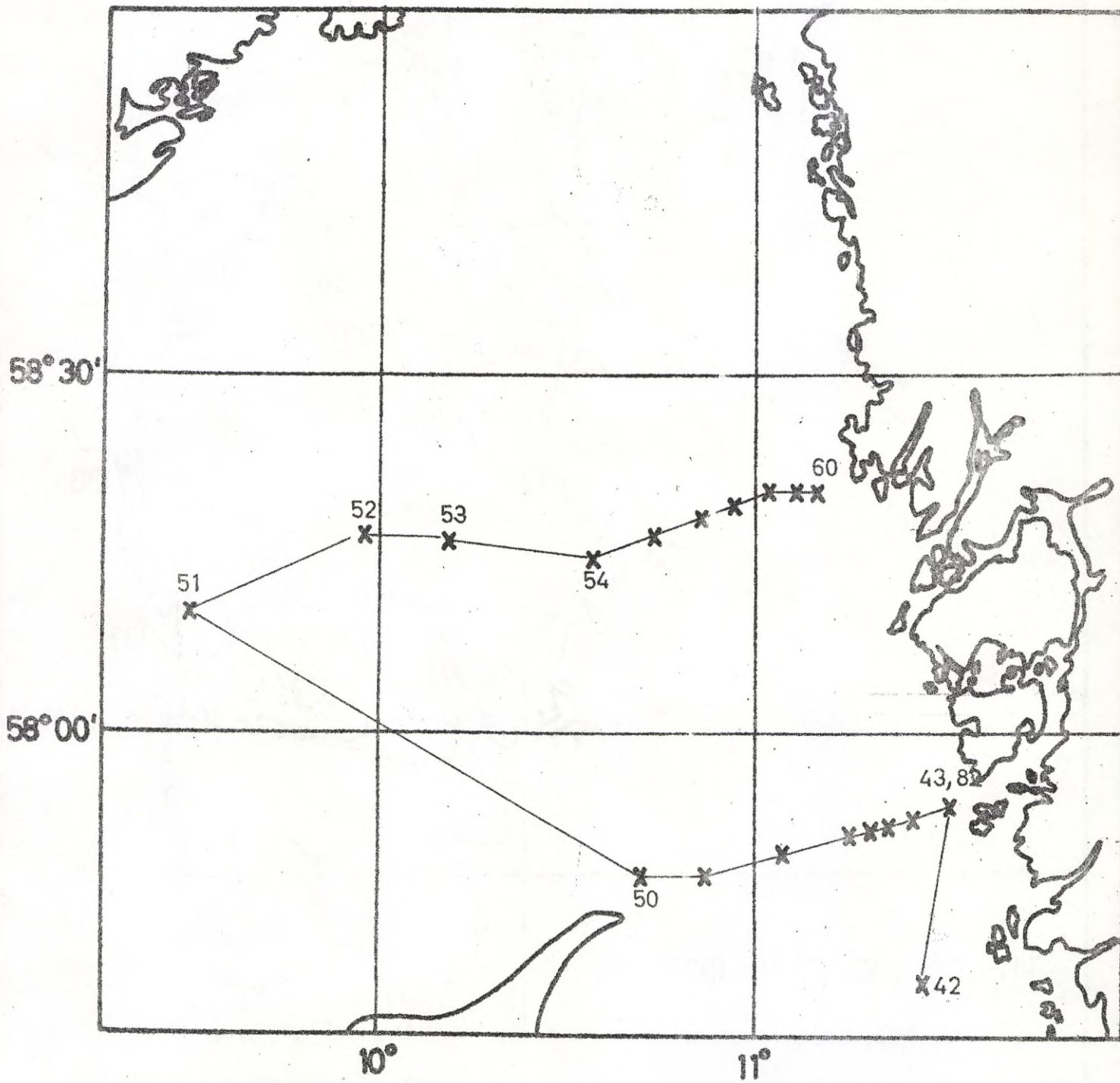
"SKAGERAK" 12-28/1 1970

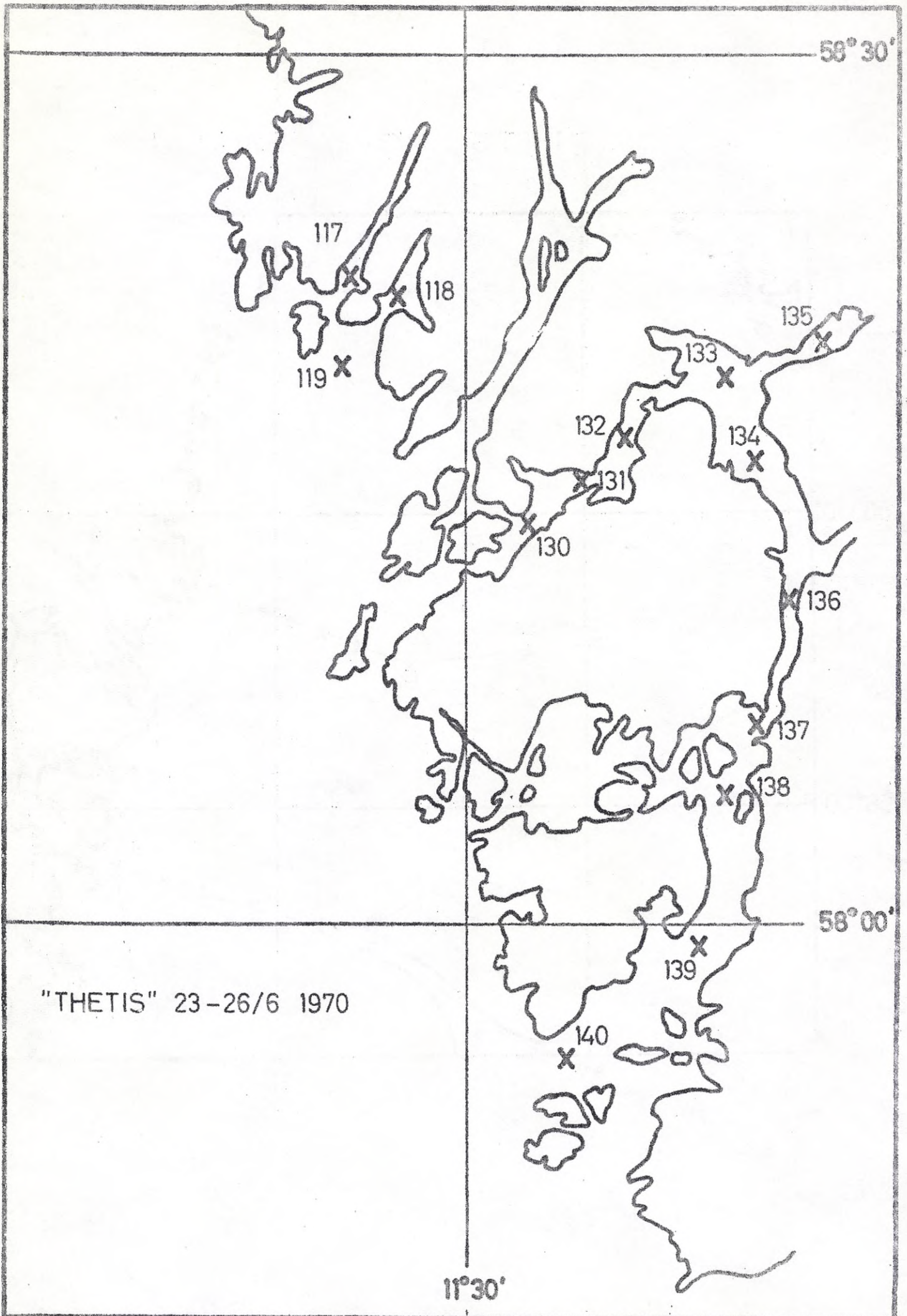


"THETIS" 2-4/3 1970



"THETIS" 31/3 - 8/4 1970





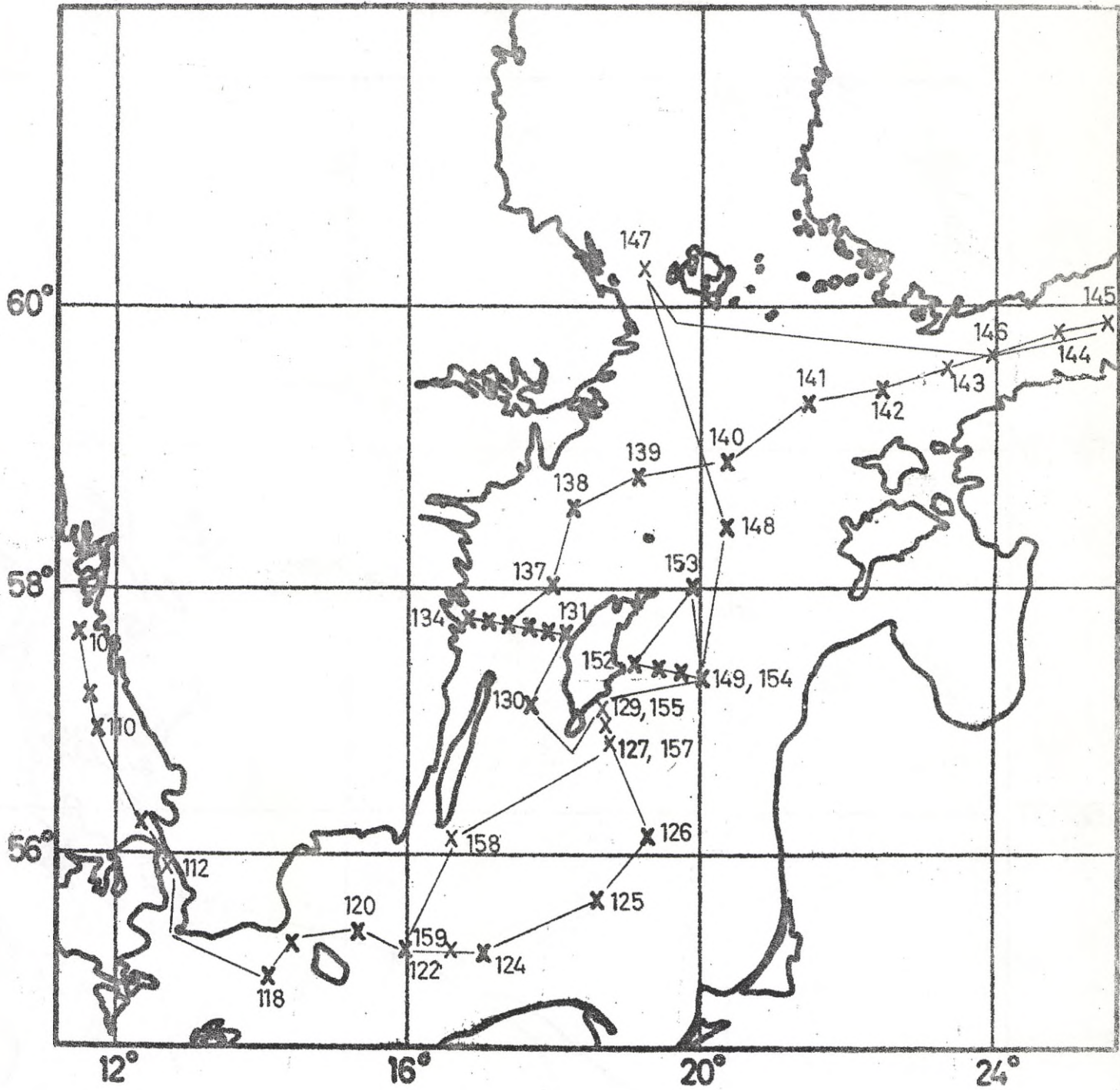
58° 30'

58° 00'

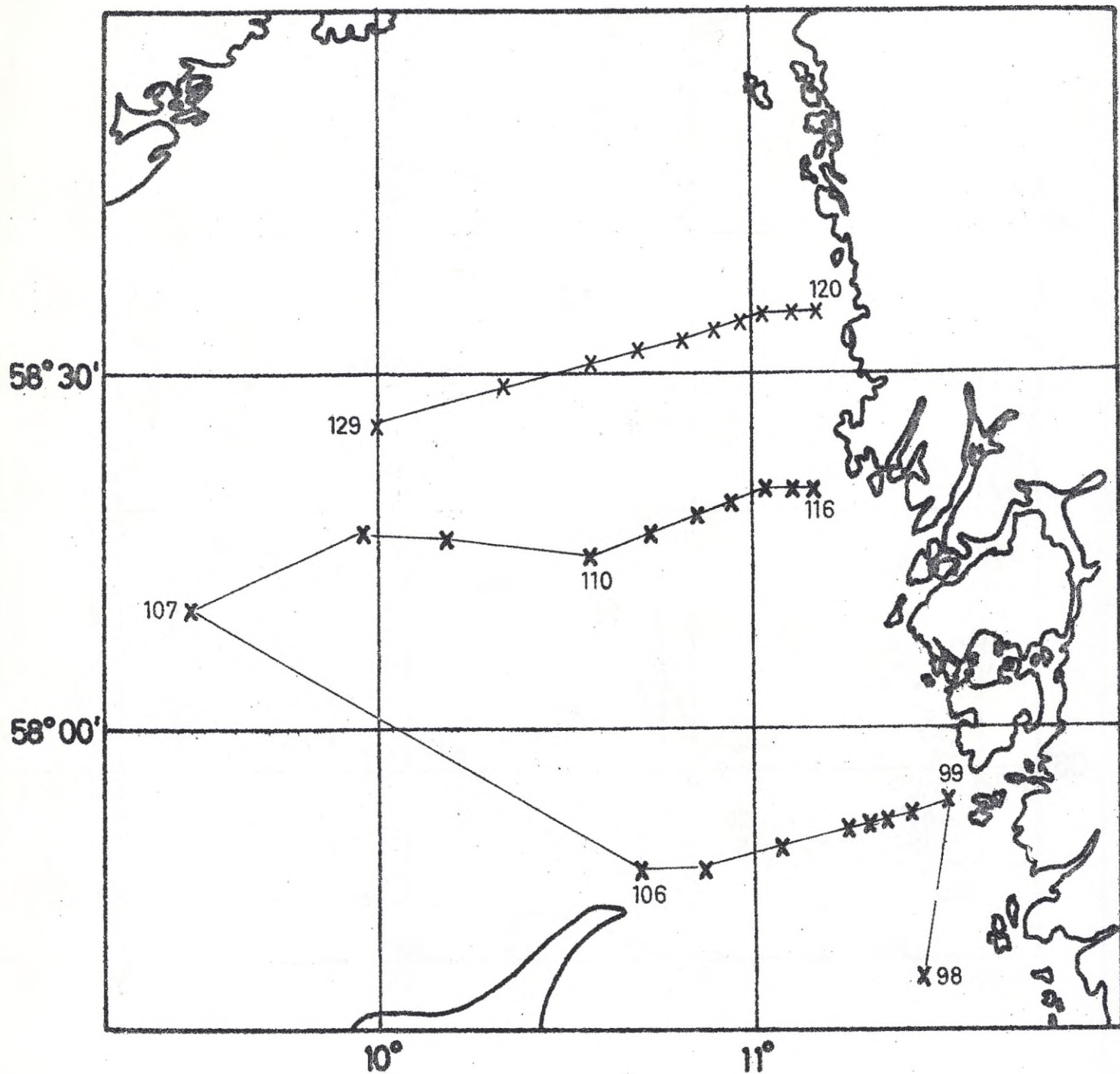
11° 30'

"THETIS" 23-26/6 1970

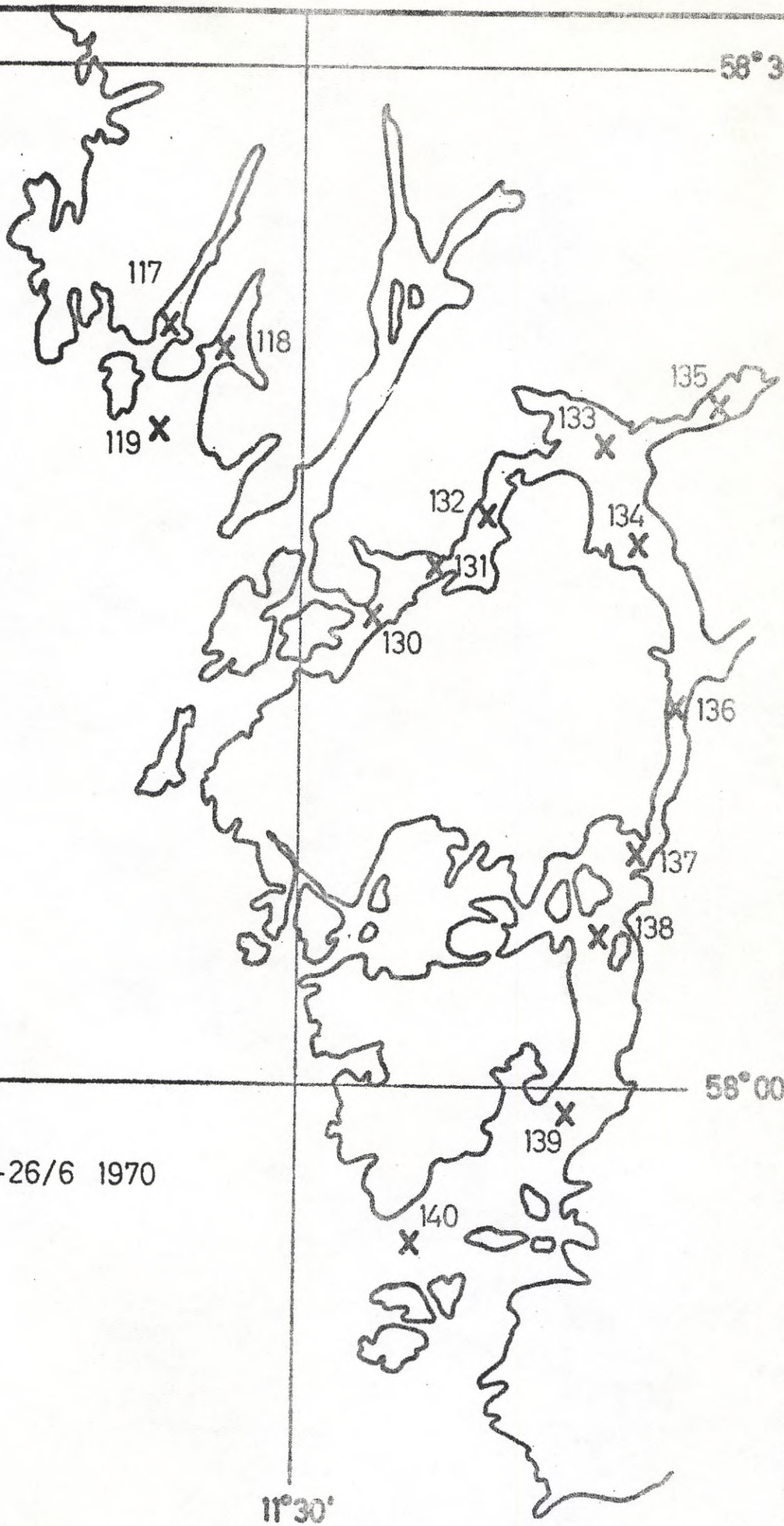
"SKAGERAK" 25/5 - 10/6 1970



"THETIS" 22-26/6 1970



58° 30'



"THETIS" 23-26/6 1970

58° 00'

11° 30'

11 "Skagerak"

Station

77 Sweden

1970

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	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
0001	57	33	011	32	0	970	01	12	12	0089	01	025	05	06	010									58	2	0														
Obs. time	Obs. depth				Temp.				Sal.				σ_t				Oxygen		pH		PO ₄ -P				Sal. method	Extra info.														
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62			63	64	ml/l	%	µgat/l				77	78				
12	0000	X0065	22260	1788	902	830	0.44																		3	3														
	0005	X0068	22168	1781	895	831	0.49																																	
	0010	0054	23057	1850	873	830	0.50																																	
	0015	0043	23526	1888	868	830	0.46																																	
	0020	0141	25544	2046	829	829	0.50																																	
	0030	0505	31257	2472	681	830	0.55																																	
	0040	0718	34266	2685	629	830	0.59																																	
	0050	0767	34743	2714	609	828	0.63																																	
	0060	0761	34790	2718	613	829	0.71																																	
	0070	0759	34831	2723	612	829	0.68																																	
	0080	0760	34803	2719	614	830	0.68																																	
	0085	0758	34837	2724	612	829	0.68																																	

BT Slide Sk 1/11601/70
N 57° 33'
E 11° 31.5'
Observer Fonselius

11 "Skagerak"

77 Sweden

1970

Station

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	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
0003	56	58	011	46	0		970	01	12	18	0085	01	018	09	12	010																										2	82	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														
18	0000	0025	19438	1560	900			826	0.50			3	3																																
	0005	0018	19397	1558	900			825	0.60																																				
	0010	0020	19415	1559	897			825	0.57																																				
	0015	0018	19856	1592	903			826	0.55																																				
	0020	0566	31473	2480	668			827	0.55																																				
	0030	0796	33745	2632	617			824	0.71																																				
	0040	0717	34054	2662	610			825	0.78																																				
	0050	0727	34254	2682	606			826	0.69																																				
	0060	0725	34485	2700	599			826	0.88																																				
	0070	0732	34531	2705	598			825	0.82																																				
												BT Slide Sk 3/11601/70																																	
												N 56°57.5																																	
												E 11°45.5																																	
												Observer Fonselius																																	

11 "Skagerak"

77 Sweden

1970

Station

Kullen

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice				
	°	'	''	°	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56
0004	56	14	012	22	0			970	01	12	24	0025	00	010	11	08	016								28	2	0	
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P		Sal. method	Extra info.																
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63 64			µgat/l															
24	0000	0076	14450	1160	881								823	0.60													3	3
	0005	0042	17780	1425	857								824	0.60														
	0010	0034	19769	1588	911								823	0.56														
	0015	0741	33725	2640	593								821	0.71														
	0020	0741	33916	2655	596								822	0.69														
	0025	0744	33981	2659	581								822	4.08														
												BT Slide Sk 4/399/70																
												N 56° 14'																
												E 12° 22.2																
												Observer Fonselius																

11 "Skagerak"

77 Sweden

1970

Station

BY 1B Trelleborg

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice					
	°	'	''	°	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57
0005	55	00	013	18	0			970	01	13	13	0048	00		23	04	010										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			µgat/l																
13	0000	0130	0900	0722	920								821	0.38														1	3
	0005	0124	0900	0721	923								811	0.35															
	0010	0121	0903	0727	931								812	0.33															
	0015	0123	0903	0725	930								811	0.35															
	0020	0110	0933	0750	928								811	0.38															
	0030	0080	0981	0789	929								808	0.80															
	0040	0057	1049	0841	928								803	0.52															
												BT Slide Sk 5/399/70																	
												Observer Fonselius																	

11 "Skagerak"

77 Sweden

1970

Station

BY 3B 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	60	61					62	63
0007	55	18	014	24	0	970	01	13	21	0048	00	042	11	08	010							9	8	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	ml/l		%	$\mu\text{gat/l}$			77	78											
21	0000	0182	0776	0621	917			780	0.42		1	3												
	0005	0185	0776	0622	920			779	0.41															
	0010	0211	0782	0630	910			811	0.49															
	0015	0218	0798	0642	912			809	0.40															
	0020	0179	0823	0662	917			803	0.34															
	0030	0185	0829	0667	917			799	0.40															
	0040	0245	0850	0684	897			800	0.30															
												BT Slide Sk 7/399/70												
												Observer Fonselius												

11 "Skagerak"

Station

77 Sweden

1970

BY 4B 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																					
	5	6	7	8	9	10		11	12	13					14	15	16	17	18	19					20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0008	55	23	015	59	0	970	01	14	00	0090	01	030	27	02	016			48	2	0																									
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P		Sol. method	Extra info.																																		
26	27	28	29	30	31	32		33	34			35	36	37	38	39	40	41	42	43	44	45	56	59	60	61	62	63	64	77	78														
00	0000	0241	0809	0651	902		812	0.34			1	3																																	
	0005	0244	0809	0651	910		812	0.19																																					
	0010	0246	0809	0651	913		813	0.25																																					
	0015	0238	0809	0651	902		813	0.28																																					
	0020	0234	0812	0653	901		812	0.31																																					
	0030	0234	0816	0657	894		813	0.31																																					
	0040	0435	0873	0700	843		807	0.40																																					
	0050	0579	1053	0836	754		803	0.49																																					
	0060	0707	1243	0974	608		781	0.72																																					
	0070	0885	1560	1204	340		761	1.08																																					
	0080	0751	1643	1283	214		743	1.46																																					
	0085	0710	1645	1289	165		740	1.55																																					

BT Slide Sk 8/11601/70

Observer Fonselius

11 "Skagerak"

77 Sweden

1970

Station

C¹⁴ extra

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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
1009	55	10	016	20	0	970	01	14	08	0074	00	002	14	04	020								2	82	0
Obs. time	Obs. depth	Temp.		Sal.	σ _t	Oxygen		pH	Alkal.		Sol. method	Extra info.													
						ml/l	%		Mval/l	Mval/l															
08	0000	0344	0779	0627					796	1.593		1	3												
	0010	0380	0779	0626					812	1.569															
	0015	0316	0791	0637					812	1.569															
N 55° 10.4' E 16° 20'											Shecci disk: 16 m					Observer R. Sen Gupta									

11 "Skagerak"

77 Sweden

1970

Station

BY 7A

Hydro Depth Observations (Code 03)

Stolpe ränna

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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	13	017	04	0	970	01	14	11	0085	01	047	23	08	030			4	8	2	0																								
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P Tot.P Alkal.			Sal. method	Extra info.																																
26	27	28	29	30	31	32	33		34	35	36			37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
11	0000	03	16	07	76	06	24	876		812	0.32	0.49	1.577	1	3																														
	0005	03	20	07	76	06	24	875		812	0.33	0.49	1.582																																
	0010	03	18	07	76	06	24	851		813	0.32	0.49	1.586																																
	0015	03	16	07	76	06	24	874		813	0.35	0.46	1.585																																
	0020	03	11	07	77	06	25	868		812	0.32	0.47	1.590																																
	0030	03	18	07	77	06	25	866		813	0.33	0.41	1.583																																
	0040	03	14	07	81	06	29	867		832	0.32	0.47	1.599																																
	0050	04	44	08	30	06	65	761		799	0.49	0.59	1.595																																
	0060	08	28	11	83	09	17	466		767	0.83	0.86	1.710																																
	0070	08	80	12	93	09	97	458		768	0.79	1.25	1.757																																
	0075	08	87	13	60	10	49	414		765	0.93	1.03	1.781																																
	0000			NO ₃ ⁻ -N	NO ₂ ⁻ -N	NH ₄ ⁺ -N	Tot.-N	SiO ₂																																					
				µgat/l	µgat/l	µgat/l	µgat/l	µgat/l																																					
	0000			1.40	0.20	0.88	24.68	14.0																																					
	0005			1.23		0.40		14.0																																					
	0010			1.29	0.20	0.42	42.2	14.0																																					
	0015			0.66		0.21		14.0																																					
	0020			0.73		0.30		14.0																																					
	0030			1.03	0.12	0.16	48.0	14.0																																					
	0040			0.69		0.42		14.0																																					
	0050			0.74	0.11	0.50	27.0	19.0																																					
	0060			1.69		0.36		31.0																																					
	0070			1.32	0.06	0.38	22.1	32.0																																					
	0075			1.81		0.38		36.0																																					

BT Slide Sk 10/11601/70

Observer Fonselius

11 "Skagerak"

77 Sweden

1970

Station

BY 8A 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	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	58	59					60
0011	56	38	018		0	970	01	14	19	0100	01	067	36	10	020					58	20		
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	Alkal. Mval/l	Sei. method	Extra info.										
						ml/l	%																
19	0000	0346	0758	0610	868			810	0.38	0.38	1.569	1	3										
	0005	0347	0758	0610	875			801	0.27	0.38	1.569												
	0010	0351	0758	0610	888			787	0.30	0.38	1.628												
	0015	0349	0758	0610	860			795	0.28	0.37	1.570												
	0020	0351	0758	0610	860			797	0.28	0.39	1.568												
	0030	0348	0758	0610	861			783	0.32	0.37	1.566												
	0040	0353	0758	0610	859			796	0.25	0.42	1.563												
	0050	0353	0758	0610	874			811	0.33	0.40	1.574												
	0060	0355	0758	0610	862			811	0.30	0.42	1.574												
	0070	0413	0932	0746	304			737	0.91	1.11	1.655												
	0080	0468	1039	0830	140			727	1.51	1.63	1.696												
	0090	0514	1093	0870	116			725	1.73	1.84	1.712												
				NO ₃ ⁻ -N µgat/l	NO ₂ ⁻ -N µgat/l	NH ₄ ⁺ -N µgat/l	Tot.-N µgat/l	SiO ₂ µgat/l															
	0000			0.93	0.31	1.50	26.9	14.0															
	0005			0.67		1.97		14.0															
	0010			0.91	0.33	2.11	21.5	14.0															
	0015			0.69		1.91		14.0															
	0020			0.67		1.69		14.0															
	0030			0.82	0.33	1.19	21.6	14.0															
	0040			0.79		0.98		14.0															
	0050			0.65		1.38		14.0															
	0060			0.94	0.21	1.04	35.0	14.0															
	0070			1.15		0.98		41.5															
	0080			1.31		0.74		53.0															
	0090			1.86	0.05	0.83	35.7	57.5															

BT Slide Sk 11/11601/70

Observer Fonselius

11 "Skagerak"

77 Sweden

1970

Station

BY 9A Klaipeda

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	55	56					57	58	59	60	61	62
0012	56	05	019	10	0	970	01	15	01	0125	01	065	05	24	000							28	3	0				
Obs. time	Obs. depth		Temp.		Sal.	σ_t		Oxygen		pH	PO ₄ -P	Tot. P	Alkal.	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
01	0000	0304	0753	0606	883					800	0.25	0.37	1.569	1	3													
	0005	0304	0752	0606	879					798	0.28	0.37	1.569															
	0010	0294	0752	0606	877					797	0.27	0.38	1.569															
	0015	0295	0752	0606	879					788	0.24	0.37	1.571															
	0020	0306	0753	0607	875					803	0.20	0.35	1.571															
	0030	0300	0754	0608	875					797	0.32	0.49	1.569															
	0040	0303	0754	0608	877					809	0.26	0.24	1.569															
	0050	0299	0754	0608	876					803	0.28		1.574															
	0060	0302	0754	0608	875					790	0.26	0.26	1.569															
	0070	0442	0975	0780	221					733	1.16	1.10	1.696															
	0080	0526	1139	0905	151					728	1.42	1.37	1.747															
	0090	0528	1168	0928	141					726	1.62		1.768															
	0100	0609	1223	0966	157					731	1.59	1.50	1.781															
	0110	0619	1229	0970	161					731	1.46	1.60	1.779															
	0000		NO ₃ ⁻ -N	NO ₂ ⁻ -N	NH ₄ ⁺ -N	Tot.-N	SiO ₂																					
			μgat/l	μgat/l	μgat/l	μgat/l	μgat/l																					
	0000		0.78	0.29	0.99	26.7	14.5																					
	0005		0.79		1.53		14.5																					
	0010		0.98	0.29	1.00	32.8	14.5																					
	0015		0.65		1.04		14.5																					
	0020		0.63		1.09		12.5																					
	0030		0.78	0.29	1.25	33.1	14.5																					
	0040		0.61		0.94		14.5																					
	0050		0.60	0.28	1.09	38.9	13.0																					
	0060		0.72		0.89		14.5																					
	0070		1.20	0.07	0.38	38.9	45.5																					
	0080		1.50		0.40		53.5																					
	0090		1.84	0.06	2.63	33.5	55.0																					
	0100		1.92		1.13		55.0																					
	0110		1.77	0.10	1.81		52.5																					

BT Slide Sk 12/11601/70

Obsever Fonselius

11 "Skagerak"

77 Sweden

1970

Station

BY 10B

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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
0013	56	38	019	35	0	970	01	15	06	0145	01	065	36	20	X	15							7	8	40			
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
06	0000	0290	0750	0604	896			810	0.37			1																
	0005	0289	0750	0604	889			809	0.37																			
	0010	0287	0750	0604	881			809	0.32																			
	0015	0287	0751	0605	877			813	0.34																			
	0020	0282	0751	0605	881			813	0.39																			
	0025	0286	0751	0605	881			813	0.37																			
	0030	0291	0751	0605	881			814	0.31																			
	0040	0288	0751	0605	885			814	0.32																			
	0050	0302	0751	0605	874			816	0.31																			
	0060	0299	0752	0606	872			815	0.31																			
	0070	0312	0754	0608	872			815	0.29																			
	0080	0395	0826	0653	603			770	0.77																			
	0090	0463	1028	0822	143			731	1.51																			
	0100	0498	1084	0865	058			727	2.09																			
	0125	0505	1177	0936	108			731	2.06																			
	0140	0533	1238	0982	028			728	3.10																			
													BT Slide Sk 13/11601/70															
													Observer Brouzell															

11 "Skagerak"

77 Sweden

1970

Station

BY 15A Gotland Deep

Hydro Depth Observations (Code 0 3)

Station No.	Lat.		Long.				NSEW	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																					
	°	'	°	'	''	Year		Mo.	Day	Dir.					Sp. kn.	Dry bulb	Wet bulb	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
0015	57	20	020	03	0	970	01	15	12	0250	02			02	16	040									7	84	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														
13	0000	0259	0746	0601	890			815	0.32	0.28	1.563	1	3																																
	0005	0255	0746	0601	893			815	0.37	0.34	1.564																																		
	0010	0260	0746	0601	877			813	0.34	0.30	1.568																																		
	0015	0265	0746	0601	893			803	0.36	0.40	1.561																																		
	0020	0265	0746	0601	896			801	0.34	0.42	1.564																																		
	0030	0268	0746	0601	879			812	0.34	0.38	1.567																																		
	0040	0264	0746	0601	893			811	0.34	0.42	1.563																																		
	0050	0294	0748	0601	886			813	0.37	0.42	1.568																																		
	0060	0297	0748	0601	862			812	0.39	0.41	1.563																																		
	0070	0440	0950	0760	238			733	1.34	1.41	1.667																																		
	0080	0466	1033	0826	101			726	1.93	1.93	1.707																																		
	0090	0491	1071	0855	085			725	2.06	2.10	1.728																																		
12	0100	0489	1082	0863	035			722	2.41	2.48	1.731																																		
	0125	0518	1151	0917	138			730	1.79	1.89	1.736																																		
	0150	0516	1193	0950	103			728	2.42	2.36	1.752																																		
	0175	0537	1235	0980	019			723	3.46		1.784																																		
	0200	0550	1255	0995	016			728	3.62	3.55	1.813																																		
	0225	0549	1269	1006	068			728	3.00	3.02	1.797																																		
	0240	0559	1284	1018	092			731	2.38	2.47	1.807																																		

BT Slide Sk 15/11601/70
 Observer Fonselius

11 "Skagerak"

77 Sweden

1970

Station

BY 15A 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
0015	57	20	020	03	0	970	01	15	12	0250	02		02	16	X	040							78	4	0	
Obs. time	Obs. depth		Temp.		Sal.	σ_t		NO ₃ ⁻ -N μgat/l	NO ₂ ⁻ -N μgat/l	NH ₄ ⁺ -N μgat/l	Tot.N 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						77	78												
13	0000							0.89	0.33	0	33.8	16.5														
	0005							0.88		2.98		16.0														
	0010							1.06		1.48		16.0														
	0015							0.74		1.50		16.0														
	0020							0.66		1.19		16.0														
	0030							0.81	0.35	0.86	30.1	16.0														
	0040							0.65		4.08		16.0														
	0050							0.60		0.78		15.5														
	0060							0.79		0.78		15.5														
	0070							1.09	0.06	0.28	25.2	45.5														
	0080							0.99		0.14		60.5														
	0090							1.36		0		64.5														
12	0100							1.12	0.05	0	32.0	70.0														
	0125							1.49		0		60.5														
	0150							1.78	0.07	0.22	34.2	67.0														
	0175							1.61		0		81.5														
	0200							1.61	0.09	0.30	33.5	81.5														
	0225							2.58		0.35		70.0														
	0240							2.61	0	0.14	31.1	63.0														

11 "Skagerak"

77 Sweden

1970

Station

BY 19B

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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
0016	57	37	020	10	0	970	01	15	16	0155	01	065	02	18	X	050			7	84	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														
16	0000	0215	0745	0600	894			815	0.25				1	3																															
	0005	0266	0745	0600	901			817	0.31																																				
	0010	0263	0745	0600	895			818	0.37																																				
	0015	0265	0745	0600	897			820	0.37																																				
	0020	0265	0747	0601	900			814	0.42																																				
	0030	0264	0747	0601	895			815	0.40																																				
	0040	0270	0747	0601	894			816	0.45																																				
	0050	0278	0747	0601	895			815	0.43																																				
	0060	0274	0748	0602	885			815	0.49																																				
	0070	0438	0831	0665	529			756	0.96																																				
	0080	0453	0998	0797	124			725	2.03																																				
	0090	0486	1062	0848	075			724	2.20																																				
	0100	0511	1115	0887	142			729	1.81																																				
	0125	0515	1186	0943	115			729	2.32																																				
	0145	0537	1243	0986	037			728	3.94																																				
														BT Slide Sk 16/11601/70																															
														Observer Carlberg																															

11 "Skagerak"

Station

77 Sweden

1970

BY 20A

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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	58	00	019	54	0	970	01	15	20	0198	01	065			05	16	045				7	83	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															
21	0000	0243	0737	0594	905		8.15	0.36	0.45	1.561		1	3																																
	0005	0245	0737	0594	899		8.16	0.39	0.45	1.562																																			
	0010	0248	0737	0594	899		8.22	0.38	0.43	1.561																																			
	0015	0246	0737	0594	901		8.17	0.37	0.44	1.555																																			
	0020	0251	0738	0595	861		8.17	0.39	0.49	1.560																																			
	0030	0264	0743	0600	889		8.16	0.37	0.49	1.571																																			
	0040	0276	0743	0600	896		8.16	0.38	0.50	1.577																																			
	0050	0279	0743	0600	882		8.16	0.37	0.44	1.576																																			
	0060	0290	0744	0601	874		8.16	0.40	0.46	1.574																																			
	0070	0402	0862	0691	399		7.51	1.29	1.35	1.622																																			
	0080	0448	0998	0797	093		7.26	2.32	2.32	1.710																																			
20	0090	0473	1036	0828	043		7.27	2.44	2.40	1.715																																			
	0100	0441	1062	0850	029		7.27	2.62	2.70	1.722																																			
	0125	0517	1173	0933	048		7.29	2.68	2.64	1.749																																			
	0150	0519	1203	0956	047		7.31	2.88	2.87	1.761																																			
	0175	0525	1218	0967	021		7.28	3.25	3.25	1.776																																			
	0190	0528	1227	0974	025		7.27	3.34	3.30	1.786																																			
			NO ₃ ⁻ -N	NO ₂ ⁻ -N	NH ₄ ⁺ -N	Tot.-N	SiO ₂																																						
			$\mu\text{gat/l}$	$\mu\text{gat/l}$	$\mu\text{gat/l}$	$\mu\text{gat/l}$	$\mu\text{gat/l}$																																						
21	0000		1.01	0.34	0.90	11.7	16.5																																						
	0005		0.91				16.0																																						
	0010		1.42		0.53		16.0																																						
	0015		0.79		0.33		16.0																																						
	0020		0.70		0		16.0																																						
	0030		1.06	0.32	0.66	27.4	15.5																																						
	0040		0.75		1.22		15.0																																						
	0050		0.74		0.27		15.0																																						
	0060		0.98		0		15.0																																						
	0070		0.91	0.13	0	15.6	38.0																																						
	0080		0.91		0.35		63.5																																						
20	0090		1.12		0.21		67.0																																						
	0100		0.81	0.04	0	35.9	69.0																																						
	0125		1.37		0.19		69.0																																						
	0150		1.92	0.08	0	35.6	74.0																																						
	0175		1.64		0		78.5																																						
	0190		1.25	0.10	0	35.8	79.5																																						

BT Slide Sk 17/11601/70
Observer Fonselius

11 "Skagerak"
77 Sweden

1970

Station
BY 21B

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. 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
0018	58	27	020	20	0	970	01	16	03	0125	01	055	05	26	X	50												7	84	0		
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P		77	78																					
					ml/l	%		$\mu\text{g}/l$	Extra info.																							
03	0000	0240	0728	0588			911																							1	3	
	0005	0236	0728	0588			899																									
	0010	0236	0728	0588			900																									
	0020	0239	0727	0587			921																									
	0030	0239	0727	0587			902																									
	0040	0241	0727	0587			899																									
	0050	0257	0728	0588			895																									
	0060	0344	0738	0594			855																									
	0070	0462	0765	0612			712																									
	0080	0464	0917	0732			256																									
	0090	0461	1029	0822			065																									
	0100	0470	1048	0837			034																									
	0115	0497	1098	0875			038																									

BT Slide Sk 18/11601/70
 N 58° 26.5
 E 20° 20'
 Observer Fonselius

11 "Skagerak"

77 Sweden

1970

Station

BY 28B

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	58	59					60
0019	59	02	021	05	0	970	01	16	11	0181	02	062	07	20	050						1	64	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							
11	0000	0258	0729	0589	913			811	0.39			1	3										
	0005	0249	0730	0590	907			812	0.37														
	0010	0251	0730	0590	898			813	0.43														
	0015	0254	0730	0590	898			814	0.46														
	0020	0253	0728	0588	901			813	0.45														
	0030	0258	0728	0588	895			814	0.43														
	0040	0263	0728	0588	898			812	0.48														
	0050	0269	0728	0588	895			812	0.44														
	0060	0278	0729	0589	887			812	0.44														
	0070	0494	0798	0637	574			763	1.08														
	0080	0460	0909	0726	278			734	1.92														
	0090	0469	1029	0822	070			722	2.60														
	0100	0483	1063	0850	035			720	2.95														
	0125	0492	1084	0864	014			720	2.95														
	0150	0500	1097	0874	023			721	2.95														
	0175	0503	1108	0882	031			721	2.88														

BT Slide Sk 19/11601/70

Observer Carlberg

11 "Skagerak"

77 Sweden

1970

Station

BY 26B

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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	59	22	022	28	0	970	01	16	17	0112	01	055	11	10	X	070																										2	83	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																	
17	0000	0140	0691	0556	925			811	0.43																																				
	0005	0124	0693	0557	924			812	0.46																																				
	0010	0131	0691	0557	942			810	0.47																																				
	0015	0134	0691	0556	923			812	0.44																																				
	0020	0133	0691	0556	926			812	0.32																																				
	0030	0150	0696	0560	920			812	0.38																																				
	0040	0164	0717	0577	920			813	0.36																																				
	0050	0201	0724	0584	904			811	0.36																																				
	0060	0295	0728	0587	878			806	0.41																																				
	0070	0466	0869	0694	373			744	1.65																																				
	0080	0485	1035	0826	059			723	2.86																																				
	0090	0493	1068	0852	024			726	3.32																																				
	0100	0491	1072	0856	021			726	3.32																																				
	0000							1.34	0.27	0.47	22.6																																		
	0010							2.02	0.27	0.35	19.2																																		
	0030							1.24	0.30	0.29	15.3																																		
	0050							1.03	0.39	0.29	20.4																																		
	0070							1.18	0.07	0.11	26.3																																		
	0100							0.42	0.10	1.00	22.2																																		
	BT Slide Sk 20/11601/70																																												
	Observer Carlberg																																												
								NO ₃ ⁻ -N	NO ₂ ⁻ -N	NH ₄ ⁺ -N	Tot.-N																																		
								μgat/l	μgat/l	μgat/l	μgat/l																																		

11 "Skagerak"

Station

77 Sweden

1970

BY 25A

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N 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	
0021	59	35	023	18	0	970	01	16	22	0073	01	035	05	08	090			7	8	20	
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P μgat/l	Tot. P μgat/l	Alkal. Mval/l	Sal. method	Extra info.									
					ml/l	%															
26 27	28 29 30 31	32 33 :34 35	36 37 :38 39 40	41 42 :43 44 45	58 :59 60	61 62 63 :64					77	78									
22	0000	0059	0677	0542	941	810	0.46	0.59	1.516	1	3										
	0005	0055	0677	0542	938	811	0.44	0.64	1.526												
	0010	0063	0677	0542	942	812	0.47	0.56	1.523												
	0015	0075	0680	0545	936	812	0.45	0.54	1.527												
	0020	0091	0680	0546	935	811	0.44	0.50	1.529												
	0030	0095	0680	0546	93	811	0.44	0.50	1.604												
	0040	0288	0709	0571	868	804	0.45	0.49	1.562												
	0050	0408	0743	0597	745	754	0.70	0.70	1.583												
	0060	0431	0802	0642	486	787	1.46	1.47	1.613												
	0070	0444	0867	0693	318	738	1.91	1.97	1.646												
							BT Slide Sk 21/11601/70														
							Observer Fonselius														
	0000				SiO ₂ μgat/l	NO ₃ ⁻ -N μgat/l	NO ₂ ⁻ -N μgat/l	NH ₄ ⁺ -N μgat/l	Tot.-N μgat/l												
	0005				18.0	1.29	0.27	0.61	12.3												
	0010				18.0	1.46		0.41													
	0015				18.0	1.19	0.20	0.22	12.7												
	0020				17.5	1.03		0.21													
	0030				17.5	0.93		0.30													
	0040				17.5	1.18	0.20	0.15	5.43												
	0050				18.0	0.95		0.17													
	0060				24.0	0.92	0.21	0.12	13.8												
	0070				39.5	1.26		0.26													
					51.0	1.43	0.03	0.29	28.8												

11 "Skagerak"

77 Sweden

1970

Hydro Depth Observations (Code 03)

Station

Extra station
(BY 25A-24B)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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
0022	59	36	023	28	0	970	01	16	24	0080	01	055	05	08	070											4	82	0
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P $\mu\text{gat/l}$		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
24	0000	0049	0667	0534	935			811	0.51																		1	3
	0005	0045	0671	0537	937			811	0.52																			
	0010	0046	0671	0537	943			815	0.50																			
	0015	0048	0672	0538	942			811	0.52																			
	0020	0054	0675	0540	942			810	0.57																			
	0030	0077	0683	0548	930			810	0.48																			
	0040	0084	0689	0553	931			810	0.48																			
	0050	0094	0690	0554	934			809	0.55																			
	0060	0272	0709	0571	857			801	0.58																			
	0070	0433	0866	0694	408			747	1.93																			

BT Slide Sk 22/11601/70
Observer Carlberg

11 "Skagerak"

77 Sweden

1970

Station

BY 27A

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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
0023	59	17	021	34	0	970	01	19	19	0150	01	035	14	08	090								7	82	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P $\mu\text{gat/l}$	Tot.P $\mu\text{gat/l}$	Alkal. Mval/l	Sol. method	Extra info.													
					ml/l	%																			
26 27	28 29 30 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	0115	0703	0565	940	808	0.43	0.47	1.550	1	3
	0005	0115	0705	0567	947	810	0.50	0.49	1.553		
	0010	0115	0705	0567	947	810	0.44	0.49	1.555		
	0015	0110	0705	0567	941	811	0.46	0.50	1.538		
	0020	0115	0705	0567	942	810	0.43	0.49	1.546		
	0030	0125	0705	0567	932	810	0.46	0.43	1.544		
	0040	0181	0717	0578	911	833	0.40	0.49	1.555		
	0050	0234	0718	0578	883	806	0.47	0.50	1.553		
	0060	0324	0738	0595	803	791	0.58	0.64	1.560		
	0070	0473	0984	0784	129	725	2.49	2.61	1.694		
	0080	0483	1047	0836	042	719	2.88	2.82	1.726		
	0090	0492	1072	0855	018	719	3.12	3.24	1.730		
19	0100	0494	1073	0856	014	719	3.13	3.27	1.730		
	0125	0495	1079	0861	012	719	3.13	3.28	1.733		
	0140	0496	1082	0863	016	719	3.20	3.29	1.739		
			NO ₃ ⁻ -N $\mu\text{gat/l}$	NO ₂ ⁻ -N $\mu\text{gat/l}$	NH ₄ ⁺ -N $\mu\text{gat/l}$	Tot.-N $\mu\text{gat/l}$	SiO ₂ $\mu\text{gat/l}$				
20	0000		0.65	0.26	0.92	13.0	17.0				
	0005				0.91		17.0				
	0010		1.08	0.25	0.51		17.0				
	0015		0.64		1.10		17.0				
	0020		1.65		0.94		17.0				
	0030		1.06		0.29	14.4	17.0				
	0040		0.66		0.67		17.0				
	0050		1.43		0.55		18.0				
	0060		0.94	0.19	0.56	14.64	21.5				
	0070		0.67		0.32		64.0				
	0080		0.82		0.10		72.0				
	0090		0.72	0.10	0.26	20.92	74.0				
19	0100		0.59		0.21		74.0				
	0125		0.71		0.40		74.0				
	0140		1.02	0.09	0.76	36.08	74.0				

BT Slide Sk 23/11601/70

Observer Carlberg
N 59° 17.48
E 21° 34'

11 "Skagerak"

77 Sweden

1970

Station

BY 29A

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	51 52	53 54				
0024	58	53	020	19	0	970	01	20	01	0175	00	060	18	02	045						7	82	0
Obs. time	Obs. depth	Temp.			Sol.	σ_t	Oxygen		pH	PO ₄ -P μgat/l	Tot.P μgat/l	Alkal Mval/l	Sed. method	Extra info.									
							ml/l	%															
01	0000	0168	0736		0592			930		814	0.36	0.49	1.551	1	3								
	0005	0188	0736		0593			855		808	0.43	0.47	1.595										
	0010	0192	0736		0593			928		813	0.34	0.42	1.555										
	0015	0187	0736		0593			937		808	0.37	0.44	1.550										
	0020	0190	0736		0593			924		806	0.36	0.45	1.557										
	0030	0198	0736		0593			913		809	0.32	0.43	1.558										
	0040	0201	0735		0593			942		805	0.34	0.44	1.546										
	0050	0210	0737		0594			916		808	0.39	0.44	1.545										
	0060	0273	0746		0601			865		800	0.49	0.46	1.547										
	0070	0450	0952		0761			172		724	2.06	2.08	1.671										
	0080	0450	0990		0791			101		720	2.56	2.55	1.683										
	0090	0460	1023		0818			083		717	2.80	2.82	1.712										
00	0100	0473	1047		0836			026		713	2.92	2.95	1.717										
	0125	0489	1085		0866			023		712	2.92	2.95	1.732										
	0150	0502	1126		0896			047		718	2.86	2.82	1.732										
	0165	0507	1141		0908			046		718	2.68	2.65	1.747										
			NO ₃ ⁻ -N μgat/l		NO ₂ ⁻ -N μgat/l		NH ₄ ⁺ -N μgat/l		Tot.-N μgat/l		SiO ₂ μgat/l												
01	0000		1.00		0.32		1.89		21.7		17.0												
	0005		0.82				1.40				17.0												
	0010		0.90				1.03				17.0												
	0015		1.00				2.37				17.0												
	0020		0.82				1.00				17.0												
	0030		0.87		0.32		0.82	19.3			17.0												
	0040		0.74				0.87				17.0												
	0050		0.72				0.98				17.0												
	0060		0.70		0.28		0.52	23.4			19.0												
	0070		0.79				0.46				59.5												
	0080		0.72				0.45				65.5												
	0090		0.68				0.84				71.0												
00	0100		0.62		0.07		0.32	13.5			74.0												
	0125		0.66		0.07		0.27	22.6			74.0												
	0150		1.19				0.45				73.5												
	0165		1.07		0.05		0.88	29.5			72.0												

BT Slide Sk 24/11601/70
Observer R. Sen Gupta

11 "Skagerak"
77 Sweden

1970

Station
BY 30B

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.				N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice				
	°	'	°	'	''	Year		Mo.	Day	Dir.					Sp. kr.	Dry bulb	Wet bulb	51	52	53					54	55	56	57
0025	58	47	019	06	0	970	01	20	06	0175	02	050	14	10	X	030								2	8	2	0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P		Sal. method	Extra info.																	
26	27	28	29	30	31	32		33	34			35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63
06	0000	0107	0724	0582	943								803	0.46													1	3
	0005	0113	0723	0582	936								805	0.41														
	0010	0117	0723	0582	935								806	0.41														
	0015	0125	0723	0582	938								809	0.47														
	0020	0126	0724	0582	939								809	0.47														
	0030	0135	0725	0583	938								807	0.48														
	0040	0141	0728	0586	935								809	0.44														
	0050	0212	0737	0594	878								800	0.48														
	0060	0303	0756	0609	800								787	0.59														
	0070	0447	0876	0701	383								736	1.54														
	0080	0451	0935	0747	225								726	2.11														
	0090	0450	0931	0784	105								717	2.50														
	0100	0444	1006	0804	052								715	2.88														
	0125	0455	1031	0824	016								715	3.00														
	0150	0455	1047	0837	019								715	3.16														
	0170	0465	1045	0835	015								717	3.12														

BT Slide Sk 25/11601/70
Observer Fonselius

11 "Skagerak"

77 Sweden

1970

Station

BY 31A 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						
	°	'	"	°	'	"		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0026	58	35	018	14	0		970	01	20	10	0450	04	065	29	08	X	050							2	82	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														
11	0000	0091	0714	0573		955		804	0.60	0.60	1.500	1	3																	
	0005	0081	0714	0573		948		806	0.64	0.60	1.510																			
	0010	0093	0720	0578		948		805	0.51	0.57	1.506																			
	0015	0105	0724	0582		936		804	0.58	0.60	1.509																			
	0020	0130	0724	0582		918		803	0.52	0.58	1.518																			
	0030	0148	0727	0585		937		807	0.59	0.57	1.530																			
	0040	0143	0730	0587		930		808	0.56	0.57	1.523																			
	0050	0144	0732	0589		928		803	0.64	0.59	1.526																			
	0060	0188	0734	0591		897		805	0.70	0.63	1.522																			
	0070	0359	0805	0647		629		761	1.18	1.20	1.595																			
	0080	0454	0994	0794		095		719	2.84	2.84	1.696																			
	0090	0454	1005	0802		053		717	3.10	3.00	1.702																			
10	0100	0471	1049	0838		024		715	2.98	3.04	1.752																			
	0125	0481	1066	0851		012		715	3.58	3.54	1.724																			
	0150	0478	1065	0851		015		715	3.24	3.21	1.744																			
	0200	0484	1075	0858		016		716	3.67	3.60	1.747																			
	0300	0492	1083	0864				717	3.77	3.77	1.748																			
	0400	0493	1084	0865				717	3.72	3.86	1.752																			
	0425	0494	1085	0866				717	3.58	3.97	1.750																			
	0440	0496	1086	0867				716	3.84	4.05	1.755																			
	0300								H ₂ S																					
									µgat/l																					
									12.1																					
									12.2																					
									14.4																					
									17.3																					
									BT Slide Sk 26/11601/70																					
									Observer Fonselius																					

11 "Skagerak"

77 Sweden

1970

Station

BY 31A 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																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0026	58	35	018	14	0	970	01	20	10	0450	04	065	29	08	X	050			2	82	0																								
Obs. time	Obs. depth	Temp.	Sal.	σ_t	NO ₃ -N					NO ₂ -N	NH ₄ -N	Tot.N	SiO ₂	Sal. method	Extr. info.																														
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	77	78																								
11	0000											0.88	0.28		0.26	16.2	21.5				3																								
	0005											0.82			0.74		21.5																												
	0010											0.98			0.78		21.5																												
	0015											0.68			1.20		21.0																												
	0020											0.70			0.91		21.5																												
	0030											0.76	0.30		0.24	5.65	21.0																												
	0040											0.67			0.45		21.0																												
	0050											0.72			0.66		21.0																												
	0060											0.67			0.35		21.5																												
	0070											0.57	0.13		0.46	9.4	34.0																												
	0080											0.49			0.74		66.0																												
	0090											0.36			0.60		70.0																												
10	0100												0.05		0.96	9.9	72.0																												
	0125											0.50			0.17		75.0																												
	0150											0.10			1.15		74.0																												
	0200											0	0.03		1.71	19.6	75.0																												
	0300											0.07	0.03		2.11	23.4	77.0																												
	0400											0.05	0.03		1.82	34.8	77.0																												
	0425											0			3.66		78.0																												
	0440											0	0.05		2.71	40.5	77.0																												

11 "Skagerak"

77 Sweden

1970

Station

BY 32B 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																				
5	6	7	8	9	10	11	12		13	14	15					16	17	18	19	20	21					22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55
00	27	58	00	018	00	0		970	01	20	19	0200	02	055	32	10	X	040							0	02	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																																												
	0005																																												
	0010																																												
	0015																																												
	0020																																												
	0030																																												
	0040																																												
	0050																																												
	0060																																												
	0070																																												
	0080																																												
	0090																																												
	0100																																												
	0125																																												
	0150																																												
	0175																																												
	0190																																												

11 "Skagerak"

77 Sweden

1970

Station

BY 32B 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
0027	58	00	018	00	0	970	01	20	19	0200	02	055	32	10	040			0	0	20	
Obs. time	Obs. depth	Temp.		Sol.	σ_t		Oxygen		pH	PO ₄ -P	Tot.P	Alkal.	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				
19	0000	0152	0731	0589	931				804	0.43	0.55	1.526	1	3							
	0005	0155	0732	0590	940				806	0.48	0.56	1.532									
	0010	0159	0732	0590	934				807	0.48	0.57	1.532									
	0015	0151	0732	0590	003				806	0.47	0.54	1.525									
	0020	0158	0732	0590	927				806	0.44	0.57	1.529									
	0030	0162	0733	0591	932				807	0.48	0.56	1.529									
	0040	0162	0733	0591	930				806	0.51	0.60	1.523									
	0050	0183	0733	0591	918				805	0.48	0.57	1.545									
	0060	0308	0754	0608	809				789	0.65	0.74	1.542									
	0070	0454	0846	0676	441				742	1.31	1.53	1.608									
	0080	0456	0945	0754	176				722	2.16	2.39	1.664									
	0090	0458	1007	0804	034				715	2.80	3.11	1.705									
	0100	0451	1010	0807	038				715	3.00	3.19	1.702									
	0125	0455	1027	0821					715	3.10	3.43	1.720									
	0150	0453	1033	0826					714	3.26	3.54	1.709									
	0175	0456	1042	0833					713	3.46	3.70	1.704									
	0190	0458	1045	0835					713	3.56	3.91	1.712									
	0125									H ₂ S											
	0150									µgat/l											
	0175									0.9											
	0190									4.1											
										12.8											
										18.7											
										BT Slide Sk 27/11601/70											
										Observer Fonselius											

11 "Skagerak"

77 Sweden

1970

Station

BY 37B

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	51	52					53	54	55	56	57
0028	57	44	017	06	0	970	01	20	23	0073	01	000		25	08					X				1	42	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	56	59	60	61	62	63
23	0000	0139	0735	0591	927	805	0.56																	1	3			
	0005	0133	0736	0592	932	806	0.66																					
	0010	0138	0736	0592	933	806	0.60																					
	0015	0139	0736	0592	930	805	0.57																					
	0020	0141	0740	0595	934	804	0.63																					
	0030	0142	0742	0598	925	803	0.65																					
	0040	0148	0742	0598	927	803	0.63																					
	0050	0145	0742	0598	923	803	0.66																					
	0060	0161	0742	0598	911	808	0.67																					
	0070	0169	0746	0601	896	800	0.71																					
																BT Slide Sk 28/11601/70												
																N 57° 44'												
																E 17° 05.5												
																Observer Fonselius												

11 "Skagerak"

77 Sweden

1970

Station

BY 36B

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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	43	017	22	0	970	01	20	24	0150	01	065		25	04	040			1	42	0																								
Obs. time	Obs. depth		Temp.		Sal.	σ_t		Oxygen		pH	PO ₄ -P	SiO ₂	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														
24	0000	0123	0740	0595	897	801	0.65	23.0						1	3																														
	0005	0140	0740	0595	926	805	0.56	21.0																																					
	0010	0139	0740	0595	930	805	0.57	22.0																																					
	0015	0141	0741	0596	921	805	0.60	22.0																																					
	0020	0150	0741	0596	920	805	0.58	22.0																																					
	0030	0156	0741	0596	910	805	0.57	22.0																																					
	0040	0159	0741	0596	932	805	0.59	22.0																																					
	0050	0169	0742	0598	909	805	0.59	22.5																																					
	0060	0172	0742	0598	919	804	0.60	22.0																																					
	0070	0480	0827	0660	493	748	1.27	37.5																																					
	0080	0460	0915	0731	239	728	2.03	52.5																																					
	0090	0451	0980	0782	094	716	2.78	67.0																																					
	0100	0451	1014	0810	032	714	3.18	72.0																																					
	0125	0453	1031	0825		714	3.56	77.0	4.4																																				
	0140	0455	1034	0827		714	3.56	77.0	7.6																																				
BT Slide Sk 29/11601/70																																													
Observer Fonselius																																													

11 "Skagerak"

77 Sweden

1970

Station

BY 35B

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 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	57	42	017	39	0	970	01	21	02	0090	01	060	27	04	X 030						1	42	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								
02	0000	0175	0740	0596	940			X 791	0.53		1	3											
	0005	0174	0740	0596	920			804	0.67														
	0010	0169	0740	0596	891			799	0.53														
	0015	0173	0740	0596	877			800	0.54														
	0020	0172	0741	0597	925			799	0.54														
	0030	0180	0742	0598	937			798	0.54														
	0040	0172	0743	0599	911			802	0.56														
	0050	0170	0746	0601	922			804	0.62														
	0060	0282	0762	0614	821			786	0.79														
	0070	0467	0852	0681	437			742	1.49														
	0080	0454	0943	0753	155			723	2.38														

BT Slide Sk 30/11601/70
 Observer Fonselius
 N 57° 41'5
 E 17° 39'

11 "Skagerak"

77 Sweden

1970

Station

BY 34B

Hydro Depth Observations (Code 03)

Station No.			Lat.		Long.			N S E W	Date			Station time	Depth to bottom	Max. 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	
0031				57	40	017		56	0			970	01	21	03	0110	01	065		27	04	X	022							14	2	0														
Obs. time	Obs. depth	Temp.	Sal.	σ_t		Oxygen		pH	PO ₄ -P		Sal. method	Extra info.																																		
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42	43 44 45	58	59 60		61 62 63 64	65 66 67 68			77 78																																	
03	0000	0148	0739	0595		931		804	0.58																																					
	0005	0142	0739	0595		926		807	0.55																																					
	0010	0146	0739	0595		932		807	0.50																																					
	0015	0158	0739	0595		925		806	0.49																																					
	0020	0157	0739	0595		939		806	0.49																																					
	0030	0180	0739	0595		918		805	0.50																																					
	0040	0188	0740	0596		918		805	0.49																																					
	0050	0193	0740	0596		923		805	0.55																																					
	0060	0199	0742	0599		917		805	0.55																																					
	0070	0474	0822	0657		526		751	1.20																																					
	0080	0466	0883	0705		314		733	1.84																																					
	0090	0449	0936	0748		157		723	2.33																																					
	0100	0447	0979	0782		065		716	2.90																																					
										BT Slide Sk 31/11601/70																																				
										Observer Carlberg																																				
										NO ₃ -N	NO ₂ -N	NH ₄ -N	Tot.-N																																	
										µgat/l	µgat/l	µgat/l	µgat/l																																	
	0000									0.68	0.42	0.64	16.96																																	
	0010									0.57		0																																		
	0030									0.70	0.42	0	16.96																																	
	0050									0.56		0																																		
	0070									0.37	0.07	0	7.35																																	
	0100									0.64	0.10	0.27	10.29																																	

11 "Skagerak"

77 Sweden

1970

Station

BY 33B

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	51 52	53 54					55 56	57
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56	57	58 59	60	61	62	63	64		
0032	57	39	018	12	0	970	01	21	05	0100	01	075	14	08	X	025				27	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							
05	0000	0140	0731	0589	934			804	0.43															
	0005	0122	0731	0589	940			807	0.38															
	0010	0129	0731	0589	929			806	0.35															
	0015	0138	0732	0590	931			807	0.35															
	0020	0139	0732	0590	943			808	0.42															
	0030	0155	0734	0592	926			807	0.44															
	0040	0173	0736	0592	918			807	0.44															
	0050	0178	0736	0592	926			805	0.47															
	0060	0175	0736	0592	919			806	0.48															
	0070	0177	0752	0605	828			792	0.63															
	0080	0488	0837	0668	460			745	1.39															
	0090	0463	0904	0722	268			749	1.98															
	0095	0448	0970	0775	095			718	2.68															
											BT Slide Sk 32/11601/70													
											N 57° 38.5													
											E 18° 11.5													
											Observer Carlberg													

11 "Skagerak"

77 Sweden

1970

Station

Extra C₁₄

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	51 52	53 54					55 56	57
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56	57	58 59	60	61	62	63	64		
01032	57	18	017	48	0	970	01	21	08		00		25	04	X	010				9	9	99		
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Alkal. Mval/l	Sal. method	Extra info.														
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42					43 44 45	58	59 60	61 62 63	64	77	78							
08	0000	0104	0741	0596				806	1.048															
	0010	0097	0741	0596				804	1.506															
	0014	0118	0742	0598				805	1.233															
Secchi disk: 15 m, N 57° 18' E 17° 47.7'											Observer: Sen Gupta													

11 "Skagerak"

77 Sweden

1970

Station

BY 38A

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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																					
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0033	57	07	017	40	0	970	01	21	09	0108	01	070	09	04	X	015																					2	82	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	μgat/l	%	μgat/l			μgat/l	Mval/l																															
09	0000	0179	0742	0598		922																															1	3							
	0005	0168	0742	0598		920																																							
	0010	0183	0742	0598		917																																							
	0015	0191	0742	0598		912																																							
	0020	0191	0742	0598		919																																							
	0030	0210	0742	0598		911																																							
	0040	0204	0742	0598		904																																							
	0050	0204	0742	0598		913																																							
	0060	0211	0742	0598		908																																							
	0070	0237	0742	0598		899																																							
	0080	0475	0876	0700		339																																							
	0090	0452	0957	0764		133																																							
	0100	0444	0995	0795		025																																							
	0000																																												
	0005																																												
	0010																																												
	0015																																												
	0020																																												
	0030																																												
	0040																																												
	0050																																												
	0060																																												
	0070																																												
	0080																																												
	0090																																												
	0100																																												

BT Slide Sk 33/11601/70

Observer Fonselius

11 "Skagerak"

77 Sweden

Station

När I

1970

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23 24 25	26 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	56	51	018	50	0	970	01 21	16	0115	01	070	09	04	020		2	72	0	0			
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH		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	Sat. method	Extra info.								
16	0000	0160	0749		0603	930					1	0										
	0010	0162	0749		0603	926																
	0020	0179	0749		0603	929																
	0030	0178	0749		0603	924																
	0040	0197	0749		0604	918																
	0050	0202	0750		0605	913																
	0060	0218	0752		0606	922																
	0070	0223	0751		0606	906																
	0080	0477	1048		0837	082																
	0090	0514	1127		0896	108																
	0100	0511	1157		0920	096																
	0110	0511	1189		0945	081																
	0115	0460	1199		0956	092																

BT Slide Sk 34/11601/70
 N 56° 50.5'
 E 18° 50'
 Observer Carlberg

11 "Skagerak"

77 Sweden

1970

Station

När 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			
0035	56	59	018	47	0	970	01	21	19	0075	01	065	09	04	020					2	72	0	
Obs. time	Obs. depth		Temp.		Sal.	σ_t		Oxygen		pH				Sal. method	Extra info.								
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63	64			77	78								
19	0000	0155	0750	0604	922																	1	0
	0010	0165	0750	0604	922																		
	0020	0226	0750	0605	910																		
	0030	0253	0753	0606	892																		
	0040	0236	0753	0606	896																		
	0050	0241	0753	0606	905																		
	0060	0256	0755	0609	893																		
	0075	0442	1003	0802	104																		
															BT Slide Sk 35/11601/70		Observer Carlberg						

11 "Skagerak"

77 Sweden

1970

Station

När 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				
0036	57	05	018	42	0	970	01	21	20	0025	00		14	08	010					2	72	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	0057	0746	0600	962																		1	0
	0010	0053	0746	0600	969																			
	0020	0057	0746	0600	950																			
	0027	0105	0746	0600	944																			
															BT Slide Sk 36/399/70		Observer Carlberg							

11 "Skagerak"

77 Sweden

1970

Station

ESE När

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0037	57	10	018	50	0	970	01	21	22	0050	00		14	08	020								2	72	0			
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH															Sol. method	Extra info.				
						ml/l	%																					
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78
22	0000	0125	0746	0600	935																					1	0	
	0010	0130	0747	0601	945																							
	0020	0148	0747	0601	933																							
	0030	0158	0747	0601	939																							
	0040	0178	0750	0604	913																							
	0047	0192	0752	0606	911																							
BT Slide Sk 37/399/70 Observer Carlberg																												

11 "Skagerak"

77 Sweden

1970

Station

BY 12B

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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
0038	57	26	019	08	0	970	01	22	12	0048	00	010	18	06	000											14	1	0
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P μgat/l														Sol. method	Extra info.				
						ml/l	%																					
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78
12	0000	0039	0742	0594	970						812	0.41															1	3
	0005	0030	0742	0594	941						816	0.41																
	0010	0059	0747	0599	935						811	0.46																
	0015	0153	0747	0601	972						810	0.40																
	0020	0202	0750	0604	918						808	0.40																
	0030	0221	0750	0604	917						808	0.43																
	0040	0221	0750	0604	908						807	0.41																
BT Slide Sk 38/399/70 N 57° 25.5' E 19° 07.5' Observer Fogelius																												

11 "Skagerak"

77 Sweden

1970

Station

BY 14B

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. 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					
0040	57	22	019	44	0	970	01	22	17	0170	02	068	00	00	005			2	81	0		

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

17	0000	0217	0746	0601	908		803	0.32			
	0005	0219	0749	0603	916		788	0.32			13
	0010	0227	0749	0603	905		803	0.33			
	0015	0233	0752	0606	910		789	0.32			
	0020	0225	0752	0606	901		788	0.31			
	0030	0229	0752	0606	901		803	0.30			
	0040	0243	0752	0606	906		805	0.26			
	0050	0241	0752	0606	898		806	0.36			
	0060	0247	0752	0606	901		807	0.36			
	0070	0308	0781	0630	775		783	0.50			
	0080	0448	0998	0797	121		721	1.99			
	0090	0478	1052	0840	068		715	2.09			
	0100	0504	1101	0876	077		716	2.23			
	0125	0515	1188	0944	107		720	2.28			
	0150	0531	1242	0984	015		716	3.57			
	0170	0544	1257	0997	030		713	3.33			

BT Slide Sk 40/11601/70
 N 57° 21.5'
 E 19° 44'
 Observer Brouzell

11 "Skagerak"

77 Sweden

1970

Station

BY 16B

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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											
0041	57	18	020	21	0	970	01	22	19	0185	02	065	00	00	020											27	1	0												
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Sel. method	Extra info.																														
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42					43 44 45	58	59 60	61 62 63	64	77	78																							
20	0000	0176	0741	0597	903			805		0.47																				1	3									
	0005	0198	0741	0597	904			806		0.53																														
	0010	0214	0741	0598	907			807		0.56																														
	0015	0210	0743	0600				807		0.41																														
	0020	0206	0745	0601	907			807		0.50																														
	0030	0206	0746	0602	906			807		0.52																														
	0040	0191	0746	0602	900			807		0.38																														
	0050	0230	0746	0602	806			806		0.49																														
	0060	0258	0752	0606	873			797		0.57																														
19	0070	0449	0967	0773	165			721		2.05																														
	0080	0470	1033	0825	060			716		2.52																														
	0090	0495	1076	0858	044			715		2.45																														
	0100	0512	1117	0889	109			720		2.15																														
	0125	0539	1188	0943	131			723		2.03																														
	0150	0555	1234	0979	054			718		3.00																														
	0175	0540	1263	1002	035			720		3.25																														
											BT Slide Sk 41/11601/70																													
											N 57° 17.5'																													
											E 20° 21'																													
											Observer Carlberg																													

11 "Skagerak"

77 Sweden

1970

Station

BY 17B

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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
0042	57	16	020	39	0	970	01	22	21	0100	01	055	14	06	X	020							2	71	0		
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P			Sal. method	Extra info.															
					ml/l	%		$\mu\text{gat/l}$																			
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63	64											77	78				
21	0000	0190	0741		0598		918			807	0.34																
	0005	0188	0741		0598		911			805	0.39																
	0010	0192	0741		0598		918			807	0.37																
	0015	0198	0741		0598		911			808	0.37																
	0020	0204	0741		0598		913			809	0.37																
	0030	0206	0741		0598		904			809	0.37																
	0040	0231	0741		0598		898			809	0.37																
	0050	0233	0741		0598		917			800	0.37																
	0060	0446	1010		0807		251			730	1.63																
	0070	0490	1078		0860		108			722	1.89																
	0080	0502	1105		0880		115			722	1.94																
	0090	0510	1132		0900		112			722	1.94																
N 57° 15.5' E 20° 38.5'												Observer: Fonselius												BT Slide Sk 42/11601/70			

11 "Skagerak"

77 Sweden

1970

Station

BY 18C (Ice)

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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
0043	57	15	020	50	0	970	01	22	22	0046	00	010	14	06	X	020								27	2	1	
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P			Sal. method	Extra info.															
					ml/l	%		$\mu\text{gat/l}$																			
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63	64											77	78				
22	0000	X005	0738		0590		944			807	0.31																
	0005	X013	0739		0591		948			778	0.25																
	0010	X012	0740		0592		938			800	0.30																
	0015	0056	0745		0598		920			805	0.27																
	0020	0077	0746		0599		917			807	0.30																
	0030	0165	0749		0603		909			806	0.30																
	0040	0195	0766		0617		865			799	0.44																
N 57° 14.8' E 20° 49.5'												Observer: Fonselius												BT Slide Sk 43/399/70			

11 "Skagerak"

Station

77 Sweden

1970

BY 15 A 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
0044	57	20	020	03	0		970	01	23	06	0246	02	065	14	04	X	020								2	8	1	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t		Oxygen		pH	PO ₄ -P Tot.P Alkal.			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
07	0000	0170	0740	0596		898			807	0.41	0.50	1.578			1	3												
	0005	0187	0740	0596		910			809	0.39	0.42	1.598																
	0010	0204	0741	0597		917			809	0.34	0.39	1.581																
	0015	0220	0741	0597		910			809	0.34	0.43	1.579																
	0020	0209	0742	0599		908			809	0.34	0.39	1.571																
	0030	0218	0742	0599		905			808	0.36	0.43	1.585																
	0040	0225	0742	0599		910			809	0.32	0.43	1.577																
	0050	0226	0742	0599		905			809	0.37	0.44	1.573																
	0060	0242	0743	0600		897			808	0.41	0.44	1.580																
	0070	0455	0895	0715		318			736	1.22	1.34	1.654																
06	0080	0447	0977	0781		144			721	1.89	2.00	1.695																
	0090	0469	1036	0828		061			717	2.18	2.27	1.715																
	0100	0502	1085	0865		113			720	1.80	1.85	1.738																
	0125	0513	1163	0925		120			723	2.04	2.05	1.757																
	0150	0498	1211	0964		102			723	2.22	2.25	1.777																
	0175	0537	1241	0985		018			722	3.54	3.51	1.801																
	0200	0548	1262	1000		056			720	3.08	3.07	1.804																
	0225	0627	1292	1020		111			726	2.15	2.17	1.800																
	0240	0643	1305	1028		107			728	2.04	2.10	1.796																
										SiO ₂ µgat/l																		
07	0000									16.5																		
	0005									15.5																		
	0010									15.5																		
	0015									15.5																		
	0020									15.5																		
	0030									15.5																		
	0040									15.5																		
	0050									15.5																		
	0060									15.5																		
	0070									42.0																		
06	0080									55.0																		
	0090									63.5																		
	0100									58.0																		
	0125									64.0																		
	0150									66.5																		
	0175									83.5																		
	0200									74.0																		
	0225									63.5																		
	0240									61.5																		

BT Slide Sk 44/856 B /70

Observer Fonslius

11 "Skagerak"

77 Sweden

Station

BY 15A Gotland Deep

1970

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N 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	
0045	57	20	020	03	0	970	01	23	09	0246	02		09	12	020			2	8	20	
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Sal. method	Extra info.											
					ml/l	%															
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58 59 60	61 62 63	64	77	78									
09	0000	0179	0738	0594	916							0.42								1	4
	0010	0183	0738	0594	917							0.51									
	0030	0210	0738	0594	909							0.39									
	0050	0220	0742	0598	910							0.50									
	0070	0458	0883	0705	368							1.38									
	0100	0503	1098	0874	111							1.90									
	0125	0513	1170	0930	122							2.18									
	0150	0523	1215	0965	072							3.00									
	0175	0562	1247	0988	048							3.40									
	0200	0544	1264	1003	047							3.32									
	0225	0636	1297	1022	112							2.03									
	0240	0646	1304	1027	114							2.07									
											BF Slide 47/876 B /70										
											Observer: Brouzell										

11 "Skagerak"

Station

77 Sweden

1970

BY 15A 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
0046	57	20	020	03	0	970	01	23	12	0246	02				11	08	025							2	82	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																			
12	0000	0191	0740	0597	924									0.34											1	4																			
	0010	0199	0742	0599	915									0.34																															
	0030	0205	0742	0599	915									0.32																															
	0050	0222	0742	0599	909									0.41																															
	0070	0455	0882	0705	374									1.26																															
	0100	0453	1097	0876	095									1.98																															
	0125	0515	1170	0930	122									2.17																															
	0150	0522	1218	0967	067									2.72																															
	0175	0540	1246	0988	027									4.60																															
	0200	0550	1267	1004	055									3.32																															
	0225	0635	1300	1025	110									2.11																															
	0240	0642	1309	1031	118									1.98																															

BT Slide Sk 48/876 B/70
Observer Brouzell

11 "Skagerak"

77 Sweden

1970

Hydro Depth Observations (Code 03)

Station

BY 15A

Gotland Deep

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice				
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56
0047	57	20	020	03	0	970	01	23	15	0246	02		11	16	040								2	8	5	0

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

15	0000	0192	0740	0596	911			0.35		
	0010	0195	0740	0596	897			0.40		
	0030	0208	0741	0598	897			0.37		
	0050	0221	0741	0598	903			0.34		
	0070	0459	0897	0716	311			1.41		
	0100	0453	1099	0877	094			1.87		
	0125	0464	1171	0934	112			2.09		
	0150	0521	1215	0965	060			2.51		
	0175	0539	1243	0986	013			3.63		
	0200	0549	1265	1004	044			3.16		
	0225	0641	1301	1025	112			2.09		
	0240	0645	1306	1029	100			2.01		

BT Slide Sk 53/876 B /70

Observer Fonselius

11 "Skagerak"

77 Sweden

1970

Hydro Depth Observations (Code 03)

Station

BY 15A

Gotland Deep

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0048	57	20	020	03	0	970	01	23	18	0246	02		11	18	020								2	8	30			
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
18	0000	0193	0739	0594	914			0.31																	1	4		
	0010	0190	0742	0598	912			0.34																				
	0030	0202	0742	0598	910			0.33																				
	0050	0222	0742	0598	899			0.35																				
	0070		0908		307			1.49																				
	0100	0503	1098	0875	083			2.09																				
	0125	0518	1169	0930	122			1.92																				
	0150	0520	1216	0966	071			2.82																				
	0175	0539	1245	0988	013			3.58																				
	0200	0599	1270	1005	089			2.53																				
	0225	0639	1298	1023	108			2.06																				
	0240	0646	1307	1030	106			2.00																				
												BT Slide Sk 56/876 B /70																
												Observer Thelén																

11 "Skagerak"

Station

77 Sweden

1970

BY 15A

Hydro Depth Observations (Code 03)

Gotland Deep

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																																
	°	'	''	°	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb					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									
0049	57	20	020	03	0	970	01	23	21	0246	02			11	14	X	020			2	83	0																																
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P $\mu\text{gat}/1$	Sal. method	Extra info.																																												
					ml/l	%																																																
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	77	78														
21	0000	0190	0742	0598	919												0.27																											1	4									
	0010	0194	0742	0598	917												0.26																																					
	0030	0163	0742	0599	915												0.33																																					
	0050	0219	0742	0599	912												0.31																																					
	0070	0462	0922	0737	288												1.51																																					
	0100	0502	1091	0870	096												1.97																																					
	0125	0518	1167	0927	121												2.14																																					
	0150	0524	1215	0965	058												2.86																																					
	0175	0544	1246	0988	017												3.80																																					
	0200	0551	1264	1003	038												3.50																																					
	0225	0632	1299	1024	109												2.14																																					
	0240	0650	1308	1030	110												2.00																																					

BT Slide Sk 59/876 B /70

Observer Carlberg

11 "Skagerak"

77 Sweden

1970

Station

BY 15A

Hydro Depth Observations (Code 03)

Gotland Deep

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0050	57	20	020	03	0	970	01	24	00	0246	02		14	14		0	25							7	83	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
00	0000	0196	0741	0597	899								0.36														1	4
	0010	0196	0741	0597	916								0.39															
	0030	0202	0741	0597	916								0.34															
	0050	0222	0743	0599	906								0.32															
	0070	0466	0918	0733	301								1.49															
	0100	0504	1096	0874	081								2.15															
	0125	0518	1169	0930	128								1.91															
	0150	0526	1222	0970	056								2.78															
	0175	0537	1246	0988	015								3.58															
	0200	0577	1267	1002	078								2.88															
	0225	0643	1299	1024	113								1.97															
	0240	0644	1308	1030	107								1.99															

BT Slide Sk 62/876 B/70

Observer Brouzell

11 "Skagerak"

77 Sweden

1970

Station

BY 15A

Hydro Depth Observations (Code 03)

Gotland Deep

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58
0051	57	20	020	03	0	970	01	24	03	0246	02		14	14	X	025						16	3	0
Obs. time	Obs. depth	Temp.		Sal.	σ_t		Oxygen		pH	PO ₄ -P		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			μgat/l		Sal. method	Extra info.							
03	0000	0188	0743	0599	922						0.31		1	4										
	0010	0193	0743	0599	918						0.31													
	0030		0743		916						0.37													
	0050	0204	0743	0600	912						0.30													
	0070	0455	0922	0737	255						1.67													
	0100	0501	1091	0870	107						1.87													
	0125	0521	1169	0930	139						1.92													
	0150	0530	1223	0970	042						2.99													
	0175	0536	1243	0986	014						3.58													
	0200	0561	1265	1003	047						3.57													
	0225	0652	1301	1024	116						1.97													
	0240	0659	1312	1032	111						1.80													

BT Slide Sk 65/876 B /70
Observer Carlberg

11 "Skagerak"

77 Sweden

1970

Station

BY 15A

Hydro Depth Observations (Code 03)

Gotland Deep

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																					
	5	6	7	8	9	10		11	12	13					14	15	16	17	18	19					20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0052	57	20	020	03	0			970	01	24	06	0246	02		14	16	030							1	63	0																			
Obs. time	Obs. depth	Temp.	Sai.	σ_t			Oxygen		pH	PO ₄ -P Tot.P		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														
06	0000	0192	0742	0599			918		805	0.37	0.39		1	3																															
	0010	0195	0742	0599			916		807	0.33	0.44																																		
	0030	0202	0743	0600			914		809	0.34	0.42																																		
	0050	0209	0743	0600			911		807	0.35	0.43																																		
	0070	0463	0917	0732			294		730	1.43	1.46																																		
	0100	0499	1091	0870			099		719	1.92	1.94																																		
	0125	0523	1168	0928			124		722	1.93	1.95																																		
	0150	0528	1220	0968			052		717	2.82	3.17																																		
	0175	0547	1243	0986			028		718	3.44																																			
	0200	0563	1266	1004			052		719	3.12	3.13																																		
	0225	0623	1298	1024			101		725	1.97	2.07																																		
	0240	0658	1310	1031			115		726	1.85	1.99																																		

BT Slide Sk 68/876 B /70

Observer Carlberg

11 "Skagerak"

77 Sweden

1970

Station

BY 15A

Hydro Depth Observations (Code 03)

Gotland Deep

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice			
	°	'	''	°	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55
0053	57	20	020	03	0		970	01	24	09	0246	02			14	14	035								2	83	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P		Sal. method	Extra info.																
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42	43 44 45	ml/l		%	μgat/l			77	78														
09	0000	0196	0742	0598	908				0.40		1	4															
	0010	0202	0742	0598	910				0.36																		
	0030	0207	0743	0599	904				0.36																		
	0050	0221	0744	0600	908				0.37																		
	0070	0451	0917	0731	280				1.54																		
	0100	0495	1084	0865	089				2.17																		
	0125	0523	1168	0928	125				1.97																		
	0150	0528	1221	0970	058				2.66																		
	0175	0541	1245	0988	015				3.63																		
	0200	0570	1270	1005	055				3.04																		
	0225	0632	1299	1024	101				1.97																		
	0240	0656	1313	1034	107				1.91																		

BT Slide Sk 71/876 B/70

Observer Brouzell

11 "Skagerak"

77 Sweden

1970

Station

BY 15A

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
0054	57	20	020	03	0	970	01	24	12	0246	02		14	14	X	025							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
12	0000	0199	0743	0599		917			0.26																	1	4	
	0010	0204	0743	0599		915			0.31																			
	0030	0207	0743	0599		913			0.31																			
	0050	0207	0743	0599		914			0.25																			
	0070	0454	0914	0730		283			1.50																			
	0100	0496	1081	0862		077			2.06																			
	0125	0525	1168	0928		131			1.97																			
	0150	0525	1219	0968		060			3.00																			
	0175	0541	1242	0985		019			3.34																			
	0200	0570	1266	1003		054			3.10																			
	0225	0651	1308	1030		110			1.68																			
	0240	0633	1312	1034																								
												BT Slide Sk 74/876 B /70																
												Observer Carlberg																

11 "Skagerak"

77 Sweden

1970

Station

BY 15A

Hydro Depth Observations (Code 03)

Gotland Deep

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																					
	5	6	7	8	9	10		11	12	13					14	15	16	17	18	19					20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0055	5	7	20	020	03	0		9	70	01	24	15	0246	02		14	16	020							2	8	3	0																	
Obs. time	Obs. depth	Temp.		Sal.	σ_t		Oxygen		pH	PO ₄ -P $\mu\text{gat/l}$	Sal. method	Extra info.																																	
26	27	28	29	30	31	32	33	34					35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78													
15	0000	02	12	0740	05	97	914			0.29		1	4																																
	0010	02	01	0742	05	99	914			0.25																																			
	0030	02	03	0742	05	99	913			0.25																																			
	0050	02	14	0742	05	99	911			0.30																																			
	0070	04	50	0933	07	45	233			1.70																																			
	0100	04	95	1080	08	62	068			2.12																																			
	0125	05	25	1171	09	30	131			1.91																																			
	0150	05	30	1221	09	70	052			2.76																																			
	0175	05	39	1245	09	88	016			3.70																																			
	0200	05	70	1264	10	01	067																																						
	0225	06	22	1294	10	21	099			1.94																																			
	0240	06	52	1309	10	30	100			1.74																																			
											BT Slide Sk 77/876 B /70																																		
											Observer Carlberg																																		

11 "Skagerak"

77 Sweden

1970

Station

BY 15A

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				
	o	'	''	o	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56
0056	57	20		020	03	0		970	01	24	18	0249	02		14	14	X	020						2	8	3	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	50	59	60	61	62	63
18	0000	0195	0742	0598	919						0.37		1	4														
	0010	0203	0742	0599	919						0.37																	
	0030	0203	0742	0599	917						0.34																	
	0050	0213	0743	0600	912						0.37																	
	0070	0450	0937	0748	215						1.79																	
	0100	0496	1086	0867	071						2.31																	
	0125	0518	1172	0932	128						2.14																	
	0150	0536	1219	0968	081						2.75																	
	0175	0536	1245	0988	038						3.85																	
	0200	0571	1266	1004	071						3.20																	
	0225	0603	1291	1020	095						2.14																	
	0240	0652	1311	1032	118						1.88																	
													BT Slide Sk 80/876 B /70															
													Observer Fonselius															

11 "Skagerak"

77 Sweden

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Station

BY 15A

Hydro Depth Observations (Code 03)

Gotland Deep

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64
0057	57	20	020	03	0	970	01	24	21	0246	02		14	12	020			0	0	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					
21	0000	0190	0742	0599	913					0.55		1	4							
	0010	0196	0742	0599	913					0.37										
	0030	0203	0742	0599	921					0.39										
	0050	0219	0744	0600	929					0.31										
	0070	0448	0955	0763	190					1.80										
	0100	0448	1089	0870	072					2.30										
	0125	0524	1169	0929	137					2.03										
	0150	0553	1221	0968	083					2.72										
	0175	0539	1246	0988	034					3.84										
	0200	0598	1271	1012	085					2.64										
	0225	0594	1291	1021	092					2.17										
	0240	0652	1309	1023	099					1.97										
												BT Slide Sk 83/876 B /70								
												Observer Fonselius								

11 "Skagerak"

77 Sweden

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Station

BY 15A

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	55	56					57	58	59	60	61	62
0058	57	20	020	03	0	970	01	25	00	0246	02		14	12	X	020					0	0	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
00	0000	0190	0742	0598	922					0.39		1	4															
	0010	0191	0743	0599	925					0.38																		
	0030	0195	0743	0600	915					0.38																		
	0050	0228	0744	0601	909					0.37																		
	0070	0449	0939	0749	221					1.73																		
	0100	0498	1084	0868	086					2.22																		
	0125	0522	1171	0932	135					2.01																		
	0150	0538	1218	0963	084					2.54																		
	0175	0538	1246	0990	018					3.83																		
	0200	0579	1266	1003	069					3.07																		
	0225	0596	1293	1022	089					2.21																		
	0240	0653	1311	1025	108					1.90																		

BT Slide Sk 86/876 B./70
Observer Carlberg

11 "Skagerak"

77 Sweden

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Station

BY 15A

Hydro Depth Observations (Code 03)

Gotland Deep

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	°	'	''	°	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56
0059	57	20	020	03	0		970	01	25	03	0246	02			16	14	X	030					00	3	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									
03	0000	0189	0749	0602	934					0.41		1	4												
	0010	0195	0743	0600	928					0.35															
	0030	0202	0743	0600	916					0.39															
	0050	0223	0746	0601	915					0.38															
	0070	0448	0952	0760	222					1.78															
	0100	0497	1084	0865	087					2.14															
	0125	0520	1172	0932	143					1.99															
	0150	0539	1223	0970	096					2.50															
	0175	0543	1246	0988	031					3.70															
	0200	0576	1268	1004	088					3.10															
	0225	0519	1294	1022	124					2.03															
	0240	0656	1311	1033	106					1.86															

BT Slide Sk 89/ 876 B/70
Observer Brouzell

11 "Skagerak"

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Station

BY 15A

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
0060	57	20	020	03	0	970	01	25	06	0246	02		16	12	X	030					0	0	3	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -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								
06	0000	0195	0743	0599	923				0.34		1	4												
	0010	0197	0743	0599	909				0.35															
	0030	0201	0743	0599	921				0.30															
	0050	0225	0745	0600	925				0.34															
	0070	0448	0951	0760	206				1.78															
	0100	0495	1015	0808	173				1.74															
	0125	0523	1169	0929	146				1.84															
	0150	0532	1233	0979	032				3.30															
	0175	0538	1248	0990	018				3.80															
	0200	0576	1268	1004	071				2.72															
	0225	0617	1294	1021	095				2.13															
	0240	0657	1311	1032	107				1.86															
												BT Slide Sk 92/ 876 B /70												
												Observer Fonselius												

11 "Skagerak "

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Station

BY 15A

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
0061	57	20	020	03	0	970	01	25	09	0246	00		14	08	X	020					0	0	3	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -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								
09	0000	0191	0743	0599	919				0.39		1	4												
	0010	0193	0743	0599	924				0.43															
	0030	0196	0743	0599	923				0.35															
	0050	0199	0743	0599	919				0.33															
	0070	0227	0743	0599	920				0.40															
												BT Slide Sk 95/876 B /70												
												Observer Carlberg												

11 "Skagerak"

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Station

BY 15A

Hydro Depth Observations (Code 03)

Gotland Deep

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0062	57	20	020	03	0	970	01	25	12	0246	02		14	08	X	025								1	4	3	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
12	0000	0188	0743	0599	921										0.43												1	4
	0010	0194	0743	0599	914										0.43													
	0030	0199	0743	0599	920										0.37													
	0050	0212	0743	0599	913										0.39													
	0070	0443	0950	0760	196										1.82													
	0100	0496	1085	0866	075										2.17													
	0125	0518	1170	0930	138										1.81													
	0150	0523	1220	0969	063										2.89													
	0175	0539	1247	0990	021										3.80													
	0200	0558	1266	1003	050										3.30													
	0225	0617	1295	1022	115										2.10													
	0240	0656	1310	1031	100										1.85													

BT Slide Sk 98/876 B /70

Observer Brouzell

11 "Skagerak"

77 Sweden

1970

Station

BY 15A

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					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
0063	57	20	020	03	0	0	970	01	25	15	0246	02		16	12	X	030						2	73	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																	
15	0000	0185	0743	0599	921																						1	4																	
	0010	0193	0743	0599	919																																								
	0030	0200	0743	0600	894																																								
	0050	0206	0743	0600	911																																								
	0070	0450	0940	0751	219																																								
	0100	0493	1078	0860	052																																								
	0125	0519	1169	0930	130																																								
	0150	0528	1218	0957	056																																								
	0175	0538	1248	0990	017																																								
	0200	0580	1267	1003	074																																								
	0225	0616	1293	1020	104																																								
	0240	0658	1312	1033	104																																								

BT Slide Sk 101/876 B./70
Observer Brouzell

11 "Skagerak"

77 Sweden

1970

Station

BY 15A

Hydro Depth Observations (Code 03)

Gotland Deep

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature			Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb						
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56	57	58 59	60	61	62	63	64
0064	57	20	020	03	0	970	01	25	18	0246	02		16	12	025				2	83	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						
18	0000	0190	0743	0599	922					0.30		1	4									
	0010	0192	0743	0599	921					0.28												
	0030	0196	0743	0599	919					0.26												
	0050	0205	0743	0600	917					0.30												
	0070	0448	0949	0759	200					1.62												
	0100	0499	1087	0867	063					2.33												
	0125	0524	1170	0930	135					2.02												
	0150	0527	1222	0970	058					2.74												
	0175	0538	1246	0988	016					3.57												
	0200	0611	1271	1004	090					2.51												
	0225	0601	1294	1022	097					2.03												
	0240	0657	1313	1034	105					1.79												
												BT Slide Sk 104/876 B/70										
												Observer Carlberg										

11 "Skagerak"

77 Sweden

1970

Station

BY 15A

Hydro Depth Observations (Code 03)

Gotland Deep

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
	5	6	7	8		9	10	11					12	13	14	15					16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0065	57	20	020	03	0	970	01	25	21	0246	02		14	14	X	020					2	83	0																						
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -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														
21	0000	0185	0742	0598	922			0.37				1	4																																
	0010	0191	0742	0598	923			0.37																																					
	0030	0195	0742	0598	921			0.37																																					
	0050	0200	0742	0600	919			0.37																																					
	0070	0448	0947	0757	204			1.85																																					
	0100	0496	1082	0863	101			2.03																																					
	0125	0526	1168	0928	155			1.81																																					
	0150	0529	1219	0968	054			2.94																																					
	0175	0539	1246	0988	014			3.90																																					
	0200	0558	1264	1002	051			3.30																																					
	0225	0597	1291	1021	089			2.32																																					
	0240	0649	1312	1032	100			1.95																																					
											BT Slide Sk 107/876 B /70																																		
											Observer Carlberg																																		

11 "Skagerak"

77 Sweden

1970

Hydro Depth Observations (Code 03)

Station

BY 15A

Gotland Deep

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	°	'	''	°	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb						
5 6 7 8	9 10 11 12	13 14 15	16 17 18	19 20 21	22 23 24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64							
0066	57	20	020	03	0	970	01	26	00	0246	02			16	16	X	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																		
00	0000	0188	0742	0598	923					0.33		1	4											
	0010	0188	0742	0598	915					0.32														
	0030	0199	0742	0598	855					0.37														
	0050	0217	0744	0600	905					0.34														
	0070	0447	0940	0751	217					1.71														
	0100	0492	1078	0850	087					2.08														
	0125	0526	1166	0926	153					1.28														
	0150	0528	1221	0970	054					2.96														
	0175	0538	1249	0990	010					3.80														
	0200	0566	1268	1005	051					3.20														
	0225	0612	1293	1021	090					2.17														
	0240	0654	1312	1032	100					1.89														
											BT Slide Sk 110, 876 B /70													
											Observer Fonselius													

11 "Skagerak"

77 Sweden

1970

Hydro Depth Observations (Code 03)

Station

BY 15A

Gotland Deep

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice				
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56
0067	57	20	020	03	0	970	01	26	03	0246	02		16	12	X	005							2	8	3	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											
03	0000	0191	0742	0598	916					0.26		1	4													
	0010	0191	0742	0598	916					0.28																
	0030	0195	0742	0598	915					0.28																
	0050	0224	0747	0602	903					0.26																
	0070	0449	0944	0754	207					1.73																
	0100	0495	1085	0865	057					2.28																
	0125	0525	1170	0930	136					1.97																
	0150	0559	1222	0970	087					2.29																
	0175	0542	1247	0988	016					3.67																
	0200	0567	1266	1003	057					2.98																
	0225	0598	1290	1020	090					2.26																
	0240	0653	1311	1032	098					1.85																

BT Slide Sk 113/ 876 B/70
Observer Carlberg

11 "Skagerak"

77 Sweden

1970

Station

BY 15A

Hydro Depth Observations (Code 03)

Gotland Deep

Station No.	Lat.		Long.				Date	Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice	
	°	'	°	'	"	W						Year	Mo.	Day	Dir.					Sp. kn.
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 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	20	020	03	0	970	01	26	06	0246	02	18	12	0	10		2	8	3	0
Obs. time	Obs. depth		Temp.		Sol.	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			$\mu\text{g}/\text{l}$	77 78					
06	0000	0191	0743	0599	919						0.28	1	4							
	0010	0192	0743	0599	925						0.28									
	0030	0196	0743	0599	925						0.28									
	0050	0218	0744	0600	907						0.31									
	0070	0449	0952	0761	197						1.85									
	0100	0495	1081	0863	089						2.29									
	0125	0523	1169	0929	143						1.94									
	0150	0531	1220	0969	070						2.86									
	0175	0542	1248	0990	025						3.70									
	0200	0561	1264	1001	044						3.16									
	0225	0579	1288	1019	084						2.26									
	0240	0650	1312	1033	104						1.86									
BT Slide Sk 116/ 876 B/70																				
Observer Carlberg																				

11 "Skagerak"

77 Sweden

1970

Station

BY 15A

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			
	o	'	o	'	o	'	o		'	o	'					Year	Mo.	Day	Dir.	Sp. kn.	Dry bulb					Wet bulb	55	56
0069	57	20	020	03	0	970	01	26	09	0243	02			18	16	X	010						4	84	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
09	0000	0187	0744	0600	918												0.38										1	4
	0010	0189	0744	0600	917												0.34											
	0030	0195	0744	0600	901												0.31											
	0050	0215	0744	0600	906												0.37											
	0070	0449	0952	0751	215												1.75											
	0100	0496	1083	0853	045												2.31											
	0125	0522	1175	0934	125												1.97											
	0150	0530	1222	0970	045												2.86											
	0175	0541	1248	0989	017												3.58											
	0200	0558	1265	1003	040												3.32											
	0225	0587	1289	1020	089												2.29											
	0240	0652	1312	1033	101												1.86											
												BT Slide Sk 119/876 B/70																
												Observer Fonselius																

11 "Skagerak"

77 Sweden

1970

Station

BY 15A

Hydro Depth Observations (Code 03)

Gotland Deep

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																					
	5	6	7	8	9	10		11	12	13					14	15	16	17	18	19					20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0070	57	20	020	03	0	970	01	26	12	0246	02				18	24	X	10							4	84	0																		
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P		Sai. method	Extra info.																																		
26	27	28	29	30	31	32		33	34			35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
12	0000	0189	0743	0599	920			0.28		1	4																																		
	0010	0190	0743	0599	926			0.27																																					
	0030	0195	0743	0599	922			0.37																																					
	0050	0198	0743	0599	922			0.33																																					
	0070	0448	0950	0760	197			1.72																																					
	0100	0496	1083	0864	083			2.33																																					
	0125	0525	1173	0932	138			1.80																																					
	0150	0543	1221	0969	078			2.60																																					
	0175	0539	1246	0989	017			3.58																																					
	0200	0561	1263	1001	051			3.08																																					
	0225	0612	1294	1022	100			2.03																																					
	0240	0649	1310	1031	095			1.89																																					
											BT Slide Sk 121/ 876 B/70																																		
											Observer Carlberg																																		

11 "Skagerak"

77 Sweden

1970

Station

BY 15A

Hydro Depth Observations (Code 03)

Gotland Deep

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64
0071	57	20	020	03	0	970	01	26	15	0246	02		16	22	020			4	8	40
Obs. time	Obs. depth	Temp.	Saf.	σ_t		Oxygen		pH	PO ₄ -P		Sol. method	Extra info.								
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42	43 44 45	58 59 60	61 62 63 64		ml/l	%			μgat/l							
15	0000	0189	0743	0599		930				0.39		1	4							
	0010	0191	0743	0599		922				0.35										
	0030	0194	0743	0599		920				0.35										
	0050	0195	0743	0599		928				0.35										
	0070	0450	0952	0761		206				1.79										
	0100	0496	1084	0864		071				2.31										
	0125	0521	1172	0931		139				2.01										
	0150	0551	1223	0970		096				2.50										
	0175	0540	1246	0988		022				3.80										
	0200	0564	1265	1003		062				3.20										
	0225	0622	1294	1021		097				2.31										
	0240	0653	1312	1033		102				1.91										
											BT Slide Sk 124/ 876 B /70									
											Carlberg									

11 "Skagerak"

Station

77 Sweden

1970

BY 15A

Hydro Depth Observations (Code 03)

Gotland Deep

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56
0072	57	20	020	03	0	970	01	26	18	0246	02		16	20	025						7	8	40
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
18	0000	0184	0743	0599	927																		1 0
	0010	0190	0743	0599	915																		
	0030	0196	0743	0599	923																		
	0050	0221	0743	0600	943																		
	0070	0450	0943	0754	218																		
	0100	0488	1076	0858	060																		
	0125	0514	1168	0929	129																		
	0150	0549	1218	0966	090																		
	0175	0541	1244	0986	032																		
	0200	0570	1265	1002	067																		
	0225	0607	1293	1021	092																		
	0240	0652	1306	1028	101																		
Observer: Brouzell											BT Slide Sk 127/876 B/70												

11 "Skagerak"

Station

77 Sweden

1970

Segerstad I

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58 59
0073	56	33	017	04	0	070	01	27	21	0072	01	070	32	16	000								28	30
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH		Sal. method		Extra info.												
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63	64													77 78
21	0000	0153	0746	0600	936																			1 0
	0005	0156	0747	0601	940																			
	0010	0156	0747	0601	937																			
	0015	0157	0747	0601	933																			
	0020	0156	0747	0601	935																			
	0030	0153	0747	0601	928																			
	0040	0142	0751	0604	947																			
	0050	0157	0763	0614	931																			
	0060	0176	0769	0620	922																			
	0065	0200	0777	0625	880																			
Observer: Almgren											BT Slide Sk 130/11601/70													

11 "Skagerak"

Station

77 Sweden

1970

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				
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56
0074	56	30	016	52	0	970	01	27	23	0061	01		32	20	X	010							2	83	0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH		Sal. method		Extra info.															
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42 43 44 45	58	59 60	61 62 63 64																			
23	0000	0138	0748	0602	948																				1	0
	0005	0127	0748	0602	953																					
	0010	0133	0748	0602	953																					
	0015	0132	0748	0602	942																					
	0020	0131	0748	0602	958																					
	0030	0131	0748	0602	951																					
	0040	0132	0748	0602	954																					
	0050	0134	0749	0603	937																					
	0055	0139	0758	0610	944																					
																							BT Slide Sk 131/11601/70			
																							Observer Carlberg			
																							N 56° 29.5'			
																							E 16° 52'			

11 "Skagerak"

Station

77 Sweden

1970

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						
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0075	56	19	016	41	0	970	01	28	01	0035	00		34	28	X	010										28	4	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH		Sal. method		Extra info.																	
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42 43 44 45	58	59 60	61 62 63 64																					
01	0000	0135	0755	0598	953																						1	0
	0005	0143	0754	0597	952																							
	0010	0135	0754	0597	939																							
	0015	0134	0754	0597	943																							
	0020	0135	0754	0597	950																							
	0030	0139	0758	0610	944																							
																							BT Slide Sk 132/399/70					
																							Observer Carlberg					

11 "Skagerak"

77 Sweden

1970

Station

BY 39B

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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	07	016	32	0	970	01	28	03	0047	00		34	32	X 010			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	ml/l	%	77	78			
03	0000	0137	0767	0616	951		815	0.37												13	
	0005	0135	0768	0617	956		815	0.37													
	0010	0136	0769	0618	949		812	0.44													
	0015	0139	0769	0618	952		810	0.40													
	0020	0147	0772	0621	951		810	0.45													
	0030	0186	0781	0630	925		807	0.44													
	0040	0189	0781	0630	925		807	0.43													
										Observer:Almgren					BT Slide Sk 133/399/70						

11 "Skagerak"

77 Sweden

1970

Station

SW Utklippan

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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	55	42	015	19	0	970	01	29	12	0060	01	058	05	12	010			0	03	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	ml/l	%	77	78				
12	0000	021	771																		40
	0005	020	771																		
	0010	020	771																		
	0015	020	771																		
	0020	019	0771																		
	0025	021	0776																		
	0030	024	0786																		
	0035	024	0786																		
	0040	025	0786																		
	0045	028	0801																		
	0050	033	0826																		
	0055	058	1056																		
	0060	0807	1516	1179	257																1
										Observer:Almgren					BT Slide Sk 134/11601/70						
																				N 55°42' E 15°18.5'	

11 "Skagerak"

77 Sweden

1970

Station

N 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																								
	5	6	7	8		9	10	11					12	13	14	15	16					17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0078	55	32	015	02	0	970	01	29	02	0080	01	030	05	16	X	020								2	8	4	0																		
Obs. time	Obs. depth	Temp.	Sal.	σ_t		Oxygen		pH		Sal. method	Extra info.																																		
26	27	28	29	30	31	32	33	34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78															
02	0000	017	0770																															4	0										
	0005	016	0775																																										
	0010	015	0770																																										
	0015	015	0770																																										
	0020	015	0770																																										
	0025	016	0790																																										
	0030	016	0800																																										
	0035	024	0820																																										
	0040	022	0830																																										
	0045	017	0850																																										
	0050	018	0950																																										
	0055	022	1060																																										
	0060	036	1340																																										
	0065	084	1560																																										
	0070	083	1570																																										
	0075	083	1570																																										
	0080	0767	1661			1296				217																									1										
												BT Slide Sk 135/11601/70 N 55° 31.5' E 15° 01.5' Observer Brouzell																																	

11 "Skagerak"

Station

77 Sweden

1970

Y 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	57 58 59
0080	55	13	013	42	0	970	01	29	21	0043	00	042	09	04	030						1	4	30	
Obs. time	Obs. depth	Temp.	Sal.	σ_t		Oxygen		pH		Sal. method		Extra info.												
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42	43 44 45	58	59 60	61 62 63	64															77 78
21	0000	008	084																					4 0
	0005	007	084																					
	0010	006	084																					
	0015	006	085																					
	0020	007	085																					
	0025	010	090																					
	0030	009	092																					
	0035	009	094																					
	0040	0204	1243	0998	849																			1
	0044	024	125																					4
N 55° 13' E 13° 42.2' Observer: Brouzell												BT Slide Sk 136/399/70												

11 "Skagerak"

Station

77 Sweden

1970

Y 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	57 58 59	60	61	62
0081	55	13	013	36	0	970	02	27	17	0042	00		05	08	025	002									1	21	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t		Oxygen		pH		Sal. method		Extra info.															
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42	43 44 45	58	59 60	61 62 63	64																77 78		
17	0000	0039	0824	0657	988																				1	0	
	0010	0038	0825	0658	988																						
	0020	0036	0824	0657	991																						
	0030	0042	0864	0690	981																						
	0040	0004	1393	1118	912																						
Observer: Claesson												BT Slide Sk 137/399/70															
N 55° 12.8'																											
E 13° 36'																											

11 "Skagerak"

77 Sweden

1970

Station

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
0083	55	15	015	58	0	970	03	03	05	0090	01		20	08	000								15	1	0	
Obs. time	Obs. depth	Temp.		Sal.		σ_t	Oxygen		pH															Scl. method	Extra info.	
							ml/l	%																		
05	0000	0059	0806	0646	968																				1	0
	0010	0055	0808	0648	968																					
	0020	0058	0804	0645	966																					
	0030	0041	0813	0651	968																					
	0040	0038	0813	0651	965																					
	0050	0295	1046	0841	840																					
	0060	0035	1284	1031	909																					
	0070	0308	1415	1133	770																					
	0080	0672	1586	1246	378																					
	0085	0760	1636	1276	202																					
	0090	075	1638	1280	199																					
BT Slide Sk 139/11601/70, N 55°14.5' E 15°58' Observer: Claesson																										

11 "Skagerak"

Station

77 Sweden

1970

ENE Christiansö

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb					
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59	60	61 62	63	64	
0084	55	32	016	18	0	970	03	03	23	0069	01		20	18	000	008	28	2	0		
Obs. time	Obs. depth	Temp.	Sal.	σ_t			Oxygen		pH	Sel. method	Extra info.										
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58				59 60	61 62 63 64								
23	0000	0058	0796	0638			953													1	0
	0010	0056	0792	0635			965														
	0020	0058	0797	0639			957														
	0030	0055	0804	0644			965														
	0040	0054	0802	0643			969														
	0050	0058	0805	0645			971														
	0060	0863	1576	1219			243														
	0065	0838	1611	1250			183														
	0069	080	1610	1254			186														
Observer: Claesson										BT Slide Sk 140/11601/70											

11 "Skagerak"

Station

77 Sweden

1970

Inre 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	
0085	55	43	015	58	0	970	03	04	20	0068	01		07	12	000	002	7	82	0		
Obs. time	Obs. depth	Temp.	Sal.	σ_t			Oxygen		pH	Sel. method	Extra info.										
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58				59 60	61 62 63 64								
20	0000	0001	0779	0623			984														10
	0010	0048	0779	0625			968														
	0020	0008	0783	0627			967														
	0030	0046	0797	0639			968														
	0040	0051	0799	0640			965														
	0050	0151	0831	0668			918														
	0060	0861	1548	1198			219														
	0065	0841	1608	1247			123														
	0068	082	1600	1245			150														
Observer: Claesson										BT Slide Sk 141/11601/70											

11 "Skagerak"

Station

77 Sweden

1970

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					
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 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	54	57	013	16	0	970	03	05	11	0045	00		05	12	005	002	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	X	038	0827	0660			994												1	0
	0010	X	038	0827	0660			989													
	0020	X	035	0825	0659			988													
	0030	X	041	0838	0668			988													
	0040	X	002	1310	1051			932													
	0045	X	001	1292	1035			919													
BT Slide Sk 142/399/70 N 54° 56.5' E 13° 15.5' Observer Claesson																					

11 "Skagerak"

Station

77 Sweden

1970

Snitt 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	
1086	55	02	013	16	0	970	03	05	13		00									1	
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	0045	X	015	1214	0973			933												1	0
Observer: Hagberg																					

11 "Skagerak"

Station

77 Sweden

1970

Snitt 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					60	61
2086	55	08	013	16	0	970	03	05	14		00										1	
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								
14	0040	0032	1079	0864	946																1	0
N 55°07.5' E 13°16', Observer: Hagberg																						

11 "Skagerak"

Station

77 Sweden

1970

Snitt 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					60	61
3086	55	14	013	16	0	970	03	05	22		00										1	
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								
22	0040	0020	0891	0713	963																1	0
N 55°13.5' E 13°16', Observer: Hagberg																						

11 "Skagerak"

77 Sweden

1970

Station •

N Hirtshals

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	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		
0091	58	05	009	42 0		970	03	23	18	0400	04		20	10	010					12	1	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t			Oxygen		pH												Sal. method	Extra info.
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63	64									77	78	
18	0000	0186	30268	2422																	3	0
	0020	0520	34125	2699																		
	0050	0537	34531	2728																		
	0100	0571	34843	2749																		
	0200	0526	35065	2772																		
	0300	0390	34958	2779																		
	0380	0388	34964	2779																		
BT Slide Sk 155/11601/70, N 58°05' E 09°41.5', Observer: Claesson																						

11 "Skagerak"

77 Sweden

1970

Station

N Hirtshals

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	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		
0092	58	04	009	45 0		970	03	23	19	0300	03		20	10	015	015	12	1	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	
19	0000	0199	30170	2413																	3	0
	0020	0426	34017	2700																		
	0050	0548	34596	2732																		
	0100	0637	35028	2756																		
	0200	0400	34934	2776																		
	0280	0391	35037	2785																		
BT Slide Sk 156/11601/70, Observer: Claesson																						

11 "Skagerak"

77 Sweden

1970

Station Snitt

N Hirtshals -

Göteborg

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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
1094	58	08	009	59	0	970	04	08			02									
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									
	0250	0464	35008	2774															3 0	
N 58°07.5' E 09°58.5', Observer Dybern																				

11 "Skagerak"

77 Sweden

1970

Station Snitt

N Hirtshals -

Göteborg

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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
2094	58	00	010	35	0	970	04	08			01									
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									
	0150	0444	34967	2774															3 0	
N 57°59.5' E 10°35', Observer Dybern																				

11 "Skagerak"

77 Sweden

1970

Station Snitt

N Hirtshals -

Göteborg

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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
3094	59	49	011	01	0	970	04	09			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									
	0050	0352	34626	2756															3 0	
N 59° 49.3' E 11° 00.5', Observer: Dybern																				

11 "Skagerak"

77 Sweden

1970

Station

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	58	59				
0095	59	00	011	06	0	970	04	14	12	0134	01	000	14	04	050					00	1	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Sal. method	Extra info.											
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42 43 44 45	58 59 60	61 62 63 64		µgat/l	µgat/l			77 78										
12	0000	0524	30295	2395	562			0.29	0.96		3	3										
	0005	0371	34010	2705	750			0.43	0.75													
	0010	0354	34077	2712	746			0.45	0.76													
	0015	0356	34113	2714	738			0.50	0.76													
	0020	0352	34124	2715	740			0.50	0.75													
	0030	0335	34181	2722	729			0.53	0.74													
	0050	0386	34343	2729	707			0.62	0.78													
	0075	0508	34604	2737	634			0.69	0.95													
	0100	0461	34637	2745	657			0.71	0.91													
	0125	0428	34646	2750	672			0.71				4										
N 59°00.4' E 11°58.8' Observer: Engström								BT Slide Sk 158/11601/70														

11 "Skagerak"

77 Sweden

1970

Station

Idefjord 17

Hydro Depth Observations (Code 03)

(Singlefj.)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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				
0096	59	05	011	10	0	970	04	14	14	0080	01	000	14	04	050					0	0	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		µgat/l	µgat/l			77 78										
14	0000	0467	27518	2183	456			0.19	0.88		3	3										
	0005	0561	34272	2705	622			0.76	0.77													
	0010	0505	34357	2718	640			0.72	0.73													
	0015	0543	34421	2719	628			0.79				4										
	0020	0556	34486	2723	617			0.81	0.83													
	0030	0628	34691	2729	579			0.86	0.89													
	0050	0576	34706	2737	598			0.88				4										
	0075	0508	34657	2742	629			0.80	0.85													
N 59°04.8' E 11°09.7' Observer: Engström								BT Slide Sk 159/11601/70														

11 "Skagerak"

Station

77 Sweden

1970

Idefjord 16

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	58	59				
0097	59	05	011	13	0	970	04	14	14	0058	00	000	14	04	050					0	01	0
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Sal. method	Extra info.										
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45		58	59 60			61 62 63	64	77	78						
14	0000	0590	27308	2153	461				0.18	0.99		3 3										
	0005	0471	33080	2621	629				0.47	0.76												
	0010	0403	34123	2710	701				0.58	0.83												
	0015	0400	34172	2715	705				0.59	0.69												
	0020	0402	34186	2716	699				0.65	0.71												
	0030	0429	34302	2722	676				0.68	0.80												
	0050	0548	34649	2736	610				0.77	0.90												
												BT Slide Sk 160/11601/70										
												N 59° 05.2'										
												E 11° 13.2'										
												Observer Engström										

11 Skagerak"

1970

Station

77 Sweden

Hydro Depth Observations (Code 03)

Idefjord 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	58	59				
0098	59	05	011	15	0	970	04	14	15	0023	00	000	14	04	050					0	01	0
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Sal. method	Extra info.										
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45		58	59 60			61 62 63	64	77	78						
15	0000	0532	23726	1876	069				0.04	1.22		33										
	0005	0486	31272	2476	444				0.43	0.92												
	0010	0399	34207	2718	664				0.67	0.72												
	0015	0457	34304	2719	665				0.65	0.81												
	0020	0462	34344	2722	656				0.73			4										
												BT Slide Sk 161/399/70										
												N 59° 05'										
												E 11° 14.6'										
												Observer Engström										

11 "Skagerak"

77 Sweden

1970

Station

Idefjord 14 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						
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0099	59	06	011	16	0	970	04	14	15	0027	00	000	14	04	050							0	01	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
15	0000	0528	19665	1557	005			0.09	1.65		3	3																
	0002	0524	26014	2058	016			0.15	1.00																			
	0005	0508	29678	2348	269			0.09	0.95																			
	0010	0499	32380	2562	504			0.45	0.94																			
	0015	0480	33711	2670	605			0.67	0.89																			
	0020	0474	33812	2678	614			0.66	0.92																			
N 59°05.75' E 11°15.8' Observer:Engström								BT Slide Sk 162/399/70																				

11 "Skagerak"

77 Sweden

1970

Station

Idefjord 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	51	52					53	54	55	56	57	58
0100	59	06	011	17	0	970	04	14	16	0035	00	000	14	04	050							0	01	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
16	0000	0500	14763	1172	0			0.06	2.15			3	3															
	0001	0457	20829	1654	0			0.02	1.40																			
	0002	0471	22413	1778	0			0.00	1.25																			
	0003	0505	24191	1915	0			0.06	1.14	33.0																		
	0005	0561	25837	2040	0			0.14	0.97	25.7																		
	0007	0534	27195	2151	0			0.22	1.14	6.2																		
	0010	0510	28633	2265	148			0.17	1.15	0																		
	0015	0513	31526	2494	414			0.29	1.08	0																		
	0020	0497	32149	2544	473			0.42	0.99																			
	0030	0492	32437	2568	492			0.47	1.03																			
N 59°05.9' E 11°17.1' Observer:Engström								BT Slide Sk 163/399/70																				

11 "Skagerak"

77 Sweden

1970

Station

Idefjord 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	
0101	59	07	011	21	0	970	04	15	07	0020	00	000	14	02	030			0	0	0	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						
07	0000	0488	02882	0232	139			1.04	4.52		3	3									
	0002	0499	24252	1921	0			0	1.13	54.0											
	0005	0531	26139	2068	0			0.20	0.97	54.5											
	0010	0529	28224	2232	0			0.34	1.61	49.0											
	0015	0531	29993	2370	0			0.48	1.38	7.7											
	0018	0552	31828	2512	0			0.32	1.08	19.4											
												BT Slide Sk 164/399/70									
												Observer Engström									

11 "Skagerak"

77 Sweden

1970

Station

Idefjord 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
0102	59	07	011	21	0	970	04	15	08	0025	00	000	14	02	030			28	0	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					
08	0000	0456	05058	0407	025			1.07	4.16		3	3								
	0002	0588	24558	1943	0			0.19	0.98	42.0										
	0005	0524	25967	2054	0			0.19	0.91	43.0										
	0010	0522	28403	2246	0			0.68	1.81	21.9										
	0015	0536	30210	2386	1.39			0.52	1.32	0										
	0020	0571	31998	2524	3.23			0.54	1.03											
												BT Slide Sk 165/399/70								
												N 59° 06.6'								
												E 11° 20.9'								
												Observer Engström								

11 "Skagerak"

Station

77 Sweden

1970

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	58	59				
0103	59	06	011	21	0	970	04	15	08	0027	00	000	14	02	030			2	8	9	1			
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	µgat/l	µgat/l			µgat/l	77	78									
08	0000	0050	00646	0046		833		0.13	0.41			3	3											
	0002	0445	19076	1507		0		0.21	1.31	55.0														
	0003	0600	24962	1968		0		0.26	0.83	36.5														
	0005	0680	26217	2058		0		0.34	0.88	37.5														
	0010	0532	28553	2256		0		0.94	1.98	15.8														
	0015	0611	30249	2381		0		1.54	2.59	48.0														
	0025	0584	30744	2423		0		1.46	2.48	34.5														
												BT Slide Sk 166/399/70												
												Observer Engström												

11 "Skagerak"

Station

77 Sweden

1970

Idefjord 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	58	59				
0104	59	03	011	24	0	970	04	15	10	0032	00	000	14	02	030			2	8	9	1			
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	µgat/l	µgat/l			µgat/l	77	78									
10	0000	0167	00301	0023		910		0.13	0.33			3	3											
	0002	0718	24229	1897		0		0.36	1.02	44.5														
	0005	0792	26286	2049		0		0.39	1.05	47.0														
	0010	0634	28565	2247		0		0.65	1.85	50.5														
	0015	0689	29063	2279		0		2.35	4.20	70.0														
	0020	0584	30541	2407		0		1.81	3.40	60.5														
	0030	0575	31081	2451		068		1.04	1.60	0														
												BT Slide Sk 167/399/70												
												Observer Engström												

11 "Skagerak"

77 Sweden

1970

Station

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	51 52	53 54					55 56	57 58 59
0105	59	07	011	19	0	970	04	15	10	0033	00	000	14	02	030							28	1	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								
10	0000	0547	06477	0516	006				0.16	4.24		3	3											
	0001	0533	21107	1671	0				0.07	1.60	31.5													
	0002	0533	24691	1952	0				0.13	1.08	38.0													
	0003	0529	24968	1975	0				0.22	1.10	38.0													
	0005	0549	26859	2122	0				0.25	1.08	22.5													
	0010	0510	29420	2327	185				0.10	1.06	0													
	0015	0500	31228	2471	387				0.13	1.09														
	0020	0524	32080	2535	411				0.47	0.99														
	0030	0519	32461	2567	459				0.47	1.21														
N 59°06.5' E 11°18.3' Observer: Engström										BT Slide Sk 168/399/70														

11 "Skagerak"

77 Sweden

1970

Station

Idefjord 17 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
0106	59	05	011	08	0	970	04	15	14	0045	00	000	23	20	035							2	89	1
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Sal. method	Extra info.												
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45		58	59 60			61 62 63	64	77	78								
14	0000	0304	25255	2016	482				0.15	1.09		3	3											
	0005	0478	33936	2688	668				0.63			4												
	0010	0529	34345	2715	627				0.79															
	0015	0508	34383	2720	640				0.72															
	0020	0505	34422	2723	632				0.62															
	0030	0595	34618	2728	589				0.86															
	0040	0602	34698	2733	577				0.99															
N 59°05.4' E 11°08' Observer: Engström										BT Slide Sk 169/399/70														

11 "Skagerak"

77 Sweden

1970

Hydro Depth Observations (Code 03)

Station Idefjord 17 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	58	59				
0107	59	06	011	09	0	970	04	15	15	0073	01	000	23	20	020				28	9	1	
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P		Tot.P	Sol. method	Extra info.										
					ml/l	%		μ gat/l	μ gat/l													
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42	43 44 45	58 59 60	61 62 63 64				77	78										
15	0000	0354	28790	2292		562			0.31	0.86	3	3										
	0002	0425	31036	2464		582			0.53	0.81												
	0005	0509	33939	2685		640			0.69	0.77												
	0010	0556	34374	2713		624			0.85			4										
	0015	0511	34388	2720		643			0.87													
	0020	0498	34425	2725		635			0.87													
	0030	0550	34502	2724		624			0.84	0.88		3										
	0050	0595	34738	2738		591			0.87	0.97												
	0070	0534	34690	2741		615			0.80	0.92												
N 59°06.1' E 11°09.4' Observer: Engström										BT Slide Sk 170/11601/70												

11 "Skagerak"

77 Sweden

1970

Hydro Depth Observations (Code 03)

Station SW Vinga

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	58	59				
0108	57	33	011	32	0	970	05	25	13	0080	01	006	16	24	118	112	6	83	0			
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -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										
13	0000	1073	22090	1683		723			817	0.05	33											
	0005	1073	22179	1690		718			832	0.05												
	0010	0975	28543	2199		704			833	0.05												
	0015	0774	32464	2534		687			830	0.10												
	0020	0714	33390	2616		701			832	0.15												
	0030	0644	33674	2647		689			830													
	0040		33977			696						0										
	0050	0463	34135	2705		702			828	0.44		3										
	0060	0447	34708	2752		673			825	0.59												
	0070	0452	34790	2758		663			826	0.64												
	0075	0453	34805	2760		663			828	0.64												
BT Slide Sk 171/11601/70, N 57°33' E 11°31.5', Observer: Carlberg																						

11 "Skagerak"

77 Sweden

1970

Station

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
0109	57	12	011	40	0	970	05	25	17	0075	01	007	18	12	112	110	68	3	0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t		Oxygen		pH	PO ₄ -P	Tot. P	NO ₃ ⁻ -N	Sal. method	Extra info.							
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42	43 44 45	58 59 60	61 62 63 64		μgat/l	μgat/l	μgat/l			77 78						
17	0000	1041	26656	2043		717		836	0.05	0.41	0.48	3	3							
	0005	1043	26696	2046		713		837	0.05	0.36										
	0010	0821	31068	2419		755		838	0.08	0.40	0.28									
	0015	0713	32999	2586		732		836	0.05	0.30										
	0020	0715	33903	2657		733		834	0.17	0.36										
	0030	0661	34200	2686		748		836	0.21	0.37	0.53									
	0040	0298	33952	2707		695		828	0.56	0.71										
	0050	0331	34140	2719		690		828	0.56	0.69	2.47									
	0060	0416	34621	2749		670		829	0.61	0.77										
	0070	0445	34829	2762		664		829	0.64	0.81	0.83									
									NO ₂ ⁻ -N	NH ₄ ⁺ -N	Tot. N									
	0000								μgat/l	μgat/l	μgat/l									
	0010								0.07	0.49	20.22									
	0030								0	1.33	23.40									
	0050									2.71	22.85									
	0070								0.18	2.00	28.97									
									0.12		28.11									
BT Slide Sk 172/11601/70, N 57°11.5' E 11°40', Observer: Engström																				

11 "Skagerak"

77 Sweden

1970

Station

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	
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	61	62					63
0110	56	58	011	46	0	970	05	25	20	0100	01		16	12	11	7	11	3	2	7	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												
20	0000	1088	17885	1357	741		834	0.12															33
	0005	1083	18608	1413	744		834	0.04															
	0010	0848	29742	2311	783		837	0.04															
	0015	0718	30682	2402	806		839	0.04															
	0020	0383	33271	2645	755		830	0.06															
	0030	0349	33500	2666	735		830	0.36															
	0040	0308	33696	2686	709		827	0.59															
	0050	0296	33805	2696	693		825	0.51															
	0060	0335	34066	2713	688		826	0.58															
	0070	0364	34277	2727	683		825	0.28															
	0080	0379	34385	2734	685		826																
	0090	0379	34396	2735	681		827	0.39															
BT Slide Sk 173/11601/70, N 56°57.5' E 11° 45.5', Observer: Carlberg																							

11 "Skagerak"

77 Sweden

1970

Station

Kullen

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	61	62					63	64
0111	56	14	012	22	0	970	05	26	02	0024	00		25	10	10	5								
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												
02	0000	1092	16353	1237	751		834	0.15	0.61															3 3
	0005	1096	16345	1236	753		833	0.15	0.60															
	0010	0794	22495	1752	680		824	0.29	0.86															
	0015	0457	33045	2619	485		809	0.89	1.29															
	0020	0402	34033	2703	539		813	0.85	1.11															
BT Slide Sk 174/399/70, N 56°14' E 12°22.2', Observer: Engström																								

11 "Skagerak"

77 Sweden

1970

Station

W Landskrona

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				
0112	55	52	012	45	0	970	05	26	05	0050	00	012	32	10	095	092	2	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												
05	0000	1046	1351 ^X	1024	788			833	0.23	0.65		33										
	0005	1044	13402	1015	782			837	0.21	0.72												
	0010	1039	15154	1151	777			837	0.36	0.80												
	0015	0530	32602	2576	432			806	1.15	1.49												
	0020	0528	33402	2639	412			804	1.43	1.53												
	0030	0516	33723	2666	421			805	1.22	1.53												
	0040	0507	33818	2675	426			805	1.18	1.45												
	0045	0503	33844	2677	431			806	1.13	1.49												
BT Slide Sk 175/399/70, N 55°51.8' E 12°45.2', Observer: Bladh																						

11 "Skagerak"

77 Sweden

1970

Station

Kullagrund

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				
0113	55	18	043	16	0	970	05	26	12	0016	00		25	08	100	096	1	22	0			
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -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												
12	0000	0751						873	0.15	1.425		3										
	0006	0772	07733	0601	870			830	0.11	1.528		3										
	0009	0539	07727	0615	897			829	0.20	1.552												
	0016	0548	07803	0621	882																	
N 55°18.4' E 13°16', Observer: Bladh																						

11 "Skagerak"

77 Sweden

1970

Station

S Trelleborg 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	55	56					57
0114	55	14	013	16	0	970	05	26	13	0039	00	008	25	08	102	09	7	1	2	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						
13	0000	0774	07516	0584	883			826	0.14		3	3											
	0005	0775	07515	0585	884			832	0.16														
	0010	0744	07530	0588	887			832	0.16														
	0015	0560	07597	0605	901			834	0.21														
	0020	0533	07770	0619	911			832	0.20														
	0030	0449	08007	0641	894			826	0.23														
	0039	0305	09889	0795	786							0											
BT Slide Sk 177/399/70, N 55°13.5' E 13°16', Observer: Bladh																							

11 "Skagerak"

77 Sweden

1970

Station

S Trelleborg 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	55	56					57
0115	55	08	013	16	0	970	05	26	15	0037	00	010	23	10	096	09	3	1	32	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	0751	07447	0581	897			832	0.12		3	3											
	0005	0747	07449	0582	900			836	0.17														
	0010	0739	07453	0582	907			836	0.19														
	0015	0582	07647	0607	916			832	0.27														
	0020	0502	07853	0627	869			830	0.24														
	0030	0471	08243	0659	883			824	0.16														
	0037	0644	13118	1033	747							0											
BT Slide Sk 178/399/70, N 55°07.5' E 13°16', Observer: Bladh																							

11 "Skagerak"

Station

77 Sweden

1970

S Trelleborg 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
0116	55	02	013	16	0	970	05	26	17	0044	00	008	23	16	100								6	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
17	0000	0735	07624	0595	893			828	0.18																3	3		
	0005	0734	07623	0595	896			830	0.18																			
	0010	0620	07713	0610	902			829	0.23																			
	0015	0586	07738	0614	896			827	0.21																			
	0030	0726	07700	0602	898			828	0.21																			
	0040	0553	07809	0621	888			825	0.23																			
	0044	0840	15453	1198	698				0.23																		4	
BT Slide Sk 179/399/70, Observer: Carlberg																												

11 "Skagerak"

Station

77 Sweden

1970

Y 15

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0117	54	55	013	16	0	970	05	26	18	0046	00	010	25	16	080										6	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
18	0000	0697	07677	0602	911			828	0.21																	3	3	
	0005	0696	07674	0602	905			829	0.23																			
	0010	0689	07674	0602	900			830	0.20																			
	0015	0595	07702	0611	917			830	0.21																			
	0020		07730		911				0.27																		4	
	0030	0429	08077	0647	889			821	0.27																		3	
	0040	0268	11801	0947	782			803	0.33																			
	0046	0424	14379	1147	676			799	0.46																			
BT Slide Sk 180/399/70, Observer: Engström																												

11 "Skagerak"

77 Sweden

1970

Station

Arkona

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	60	61				
0118	55	00	014	05	0	970	05	26	23	0049	00	011	23	14	086	084	28	2	0			

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Tot. P µgat/l	Alkal. Mval/l	Sel. method	Extra info.
					ml/l	%						
23	0000	0712	07645	0600	906		829	0.13	0.35	1.541	3	3
	0005	0711	07644	0599	905		829	0.11	0.37	1.558		
	0010	0709	07648	0600	903		829	0.09	0.37	1.560		
	0015	0536	07759	0618	914		828	0.13	0.35	1.563		
	0020	0518	08086	0645	906		825	0.12	0.35	1.579		
	0030	0333	08791	0706	866		814	0.15	0.41	1.623		
	0040	0148	13088	1051	780		816	0.17	0.46	1.787		
	0045	0125	15114	1213	567		779	0.30	0.98	1.869		
	0049	0132	15206	1221	557			0.27	1.36	1.890		

BT Slide Sk 181/399/70. Observer: Engström

SiO₂
µgat/l
10.5
11.0
10.5
12.0
11.0
10.0
8.0
19.5
19.5

11 "Skagerak"

77 Sweden

1970

Station

Christiansö

BY 4B

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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
0120	55	23	015	20	0	970	05	27	05	0090	01	007	02	04	076									16	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
05	0000	0561	07563	0601	963			830	0.18																	3	3	
	0005	0561	07531	0599	962			830	0.19																			
	0010	0554	07542	0600	964			830	0.20																			
	0015	0505	07550	0603	969			828	0.21																			
	0020	0446	07583	0607	945			829	0.24																			
	0030	0346	07725	0622	947			823	0.17																			
	0040	0346	07858	0632	939			821	0.15																			
	0050	0230	08392	0675	897			808	0.23																			
	0060	0263	14051	1127	637			782	0.52																			
	0070	0640	15990	1259	252			746	1.36																			
	0080	0591	16512	1304	186			741	1.41																			
BT Slide Sk 183/11601/70,											Observer: Bladh																	

11 "Skagerak"

77 Sweden

1970

Station

Inre 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	51	52					53	54	55	56	57	58	59
0121	55	45	015	56	0	970	05	27	10	0064	01		00	00	080										1	31	0		
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	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
10	0000	068	07279	0573	936			820	1.514																		3	3	
	0007	062	07244	0574	935			823																					
	0010	064	07185	0570	929			823	1.522																				
	0064	0295	13308	1067																									
Observer: Carlberg											Secchi disk: 12 m																		

11 "Skagerak"

77 Sweden

1970

Station

Bornholm 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
0122	55	15	015	59	0	970	05	27	17	0089	01	000	36	04	092	084	0	0	0	10
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							56	59 60	61 62 63 64	77	78		
17	0000	0730	07578	0593		967		828	0.21	0.46	1.552	3	3							
	0005	0712	07560	0593		982		831	0.18	0.46	1.550									
	0010	0505	07527	0601		965		829	0.23	0.47	1.555									
	0015	0464	07552	0605		959		826	0.18	0.46	1.555									
	0020	0453	07626	0611		954		824	0.28	0.37	1.552									
	0030	0316	07745	0624		956		814	0.19	0.41	1.577									
	0040	0333	07826	0630		948		816	0.27	0.37	1.587									
	0050	0279	08185	0659		626		812	0.18	0.35	1.601									
	0060	0160	12183	0978		767		794	0.32	0.65	1.760									
	0070	0435	15118	1205		500		768	0.90	1.10	1.871									
	0080	0618	16147	1273		265		748	1.22	1.46	1.936									
	0087	0536	16710	1324		165		740	1.30	1.66	1.990									
	0089	0536	16719	1324		168		734	1.32	1.80	1.909									
	0000									SiO ₂ μgat/l										
	0005									15.0										
	0010									15.0										
	0015									15.5										
	0020									15.5										
	0030									15.0										
	0040									15.0										
	0050									13.5										
	0060									13.0										
	0070									15.0										
	0080									39.5										
	0087									56.0										
	0089									69.0										
										70.0										
BT Slide Sk 185/11601/70, Observer Engström														Secchi disk: 14 m						

11 "Skagerak"

77 Sweden

1970

Station

Stolpe ränna

BY 7

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	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
0124	55	13	017	04	0	970	05	28	01	0094	01	006	34	12	070	068	1	22	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														
01	0000	0644	0757	0597	968		822	0.20	0.44	1.568	1	3																																	
	0005	0633	0758	0599	969		829	0.17	0.44	1.563																																			
	0010	0610	0758	0601	971		830	0.18	0.72	1.566																																			
	0015	0514	0757	0604	971		826	0.18	0.47	1.566																																			
	0020	0436	0761	0610	931		821	0.19	0.47	1.525																																			
	0030	0312	0768	0618	955		816	0.20	0.44	1.525																																			
	0040	0293	0799	0642	947		815	0.25	0.41	1.552																																			
	0050	0242	0842	0678	918		808	0.17	0.46	1.587																																			
	0060	0113	0910	0731	861		791	0.29	0.55	1.620																																			
	0070	0140	11784	0946	797		791	0.33	0.69			3																																	
	0080	0223	13413	1076	713		784	0.51	0.96	1.779																																			
	0090	0408	14565	1163	395		758	1.11	1.50	1.831																																			
						SiO ₂	NO ₃ ⁻ -N	NO ₂ ⁻ -N	NH ₄ ⁺ -N	Tot.N																																			
						μgat/l	μgat/l	μgat/l	μgat/l	μgat/l																																			
	0000					16.0	0.18	0.03	1.03	--																																			
	0005					17.0				--																																			
	0010					17.0																																							
	0015					15.5	0.34	0.03	1.70	--																																			
	0020					16.0																																							
	0030					15.0	0.21	0.02	1.73	--																																			
	0040					14.5																																							
	0050					13.5	0.02	0.02	--	--																																			
	0060					16.5																																							
	0070					15.5	0.24	0.08	1.11	--																																			
	0080					21.5																																							
	0090					45.0	1.18	0.07	0.71	--																																			

BT Slide Sk 187/11601/70, Observer : Carlberg

11 "Skagerak"

77 Sweden

1970

Station

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																										
	°	'	°	'		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		
0125	55	38	018	36	0	970	05	28	08	0098	01	018	05	16	070	068	4	82	0																												
Obs. time	Obs. depth	Temp.	Sal.	σ _t	Oxygen		pH	PO ₄ -P	Tot. P	Alkal.	Sal. method	Extra info.																																			
					ml/l	%							μgat/l	μgat/l	Mval/l																																
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64																				77	78
08	0000	0560	07617	0606	024			841	0.06	0.48	1.593	3	3																																		
	0005	0560	07609	0606	031			844	0.05	0.49	1.579																																				
	0010	0559	07608	0606	008			843	0.05	0.59	1.593																																				
	0015	0541	07619	0607	029			835	0.06	0.55	1.593																																				
	0020	0445	07614	0610	991			831	0.06	0.37	1.587																																				
	0030	0414	07638	0613	973			805	0.05	0.39	1.590																																				
	0040	0288	07667	0618	969			818	0.06	0.32	1.598																																				
	0050	0164	07960	0641	853			792	0.22	0.59	1.623																																				
	0060	0199	08535	0687	747			773	0.34	0.72	1.631																																				
	0070	0437	09776	0782	130			722	1.61	2.23	1.709																																				
	0080	0471	10427	0833	121			720	1.50	1.95																																					
	0090	0512	11021	0877	101			721	1.42	1.81	1.752																																				
	0000				SiO ₂	NO ₃ ⁻ -N	NO ₂ ⁻ -N	NH ₄ ⁺ -N	Tot. N																																						
					μgat/l	μgat/l	μgat/l	μgat/l	μgat/l																																						
	0000				10.0	0.26	0.03	2.42	21.00																																						
	0005				10.0																																										
	0010				10.0																																										
	0015				10.0	0.09	0.02	1.14	22.95																																						
	0020				10.0																																										
	0030				10.5	0	0.03	0.86	24.81																																						
	0040				11.5																																										
	0050				17.5	0.15	0.05	0.62	32.66																																						
	0060				23.0																																										
	0070				55.5	1.04	0.06	2.20	--																																						
	0080				55.5																																										
	0090				58.5	2.03	0.02	1.25	37.98																																						

BT Slide Sk 188/11601/70, Observer: Bladh, Secchi disk: 9 m

11 "Skagerak"

77 Sweden

1970

Station

Klaipeda

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
0126	56	05	019	10	0	970	05	28	14	0130	01	012	0216	068	067	48	3	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	%						
14	0000	0675	07462	0587	X	005	853	0.03	0.63	1.606	3	3
	0005	0670	07464	0587	X	011	857	0.04	0.55	1.604		
	0010	0672	07463	0587	X	006	857	0.04	0.53	1.595		
	0015	0605	07470	0592		992	852	0.04	0.51			
	0020	0501	07491	0599		960	840	0.04	0.30	1.617		
	0030	0346	07617	0613		980	816	0.04	0.31	1.585		
	0040	0244	07657	0617		954	811	0.10	0.39	1.604		
	0050	0192	07737	0623		880	795	0.11	0.47	1.595		
	0060	0169	07953	0640		836	782	0.15	0.69			
	0070	0342	09414	0755		328	732	0.98	1.46	1.671		
	0080	0468	10421	0832		070	715	1.82	2.32	1.712		
	0090	0484	11335	0904		200	726	1.36	1.67	1.731		
	0100	0446	12024	0959		291	734	1.36	1.66	1.752		
	0125	0341	12783	1023		464	750	1.07	1.46	1.779		

	SiO ₂ µgat/l	NO ₃ ⁻ -N µgat/l	NO ₂ ⁻ -N µgat/l	NH ₄ ⁺ -N µgat/l	Tot.N µgat/l
0000	10.0	0.28	0.02	1.27	7.18
0005	10.0				
0010	10.0				
0015	10.0	0.16	0.01	1.09	29.67
0020	10.0				
0030	10.0	0	0.01	0.98	27.36
0040	12.5				
0050	15.5	0.04	0.03	0.72	39.64
0060	19.5				
0070	42.0	0.40	0.06	0.35	34.54
0080	61.0				
0090	52.0	1.89	0.06	0.78	30.75
0100	50.5				
0125	38.0	1.91	0.10	0.42	69.90

BT Slide Sk 189/11601/70, Observer: Bladh, Secchi disk: 9 m

11 "Skagerak"

77 Sweden

1970

Station

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	
0128	56	59	018	47	0	970	05	29	00	0055	01	014	02	04	078	073	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							
00	0000	0625	07305	0579	923			825	0.05											3	3
	0005	0626	07313	0579	921			826	0.05												
	0010	0621	07308	0579	923			826	0.05												
	0015	0477	07423	0594	939			826	0.06												
	0020	0429	07478	0600	940			825	0.05												
	0030	0272	07586	0612	976			816	0.08												
	0040	0201	07643	0615	976			816	0.05												
	0050	0207	07703	0620	939			806	0.06												
	0055	0212	07812	0629	930			803	0.03												
BT Slide Sk 191/399/70, Observer: Carlberg																					

11 "Skagerak"

77 Sweden

1970

Station

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		
0129	57	05	018	42	0	970	05	29	02	0021	00	013	05	02	060					4	82	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								
02	0000	0644	07277	0574	925			829	0.04												3	3
	0005	0641	07284	0575	926			830	0.04													
	0010	0640	07291	0575	932			830	0.05													
	0015	0348	07525	0606	930			818	0.05													
	0021	0378	07538	0606	923			810	0.03													
BT Slide Sk 192/399/70, Observer: Carlberg																						

11 "Skagerak"

77 Sweden

1970

Station

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																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0130	57	07	017	40	0	970	05	29	08	0110	01	017	00	00	067	063	4	81	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														
08	0000	0473	06850	0549	978			824	0.11	0.37	1.531	3	3																																
	0005	0452	06837	0549	983			825	0.08	0.61	1.479																																		
	0010	0450	06847	0549	975			826	0.07	0.47	1.487																																		
	0015	0407	06859	0551	980			827	0.10	0.44	1.482																																		
	0020	0334	06901	0556	977			823	0.10	0.43	1.482																																		
	0030	0052	07160	0574	966			809	0.27	0.44	1.525																																		
	0040	0040	07274	0582	957			805	0.27	0.52	1.539																																		
	0050	0054	07370	0591	938			803	0.33	0.59	1.550																																		
	0060	0103	07586	0611	831			784	0.53	0.73	1.563																																		
	0070	0324	08366	0673	503			748	1.12	1.38	1.606																																		
	0080	0433	09418	0753	144			723	1.87	2.25	1.685																																		
	0090	0456	10049	0803	014			716	2.89	3.37	1.747																																		
	0100	0457	10155	0812	0			717	2.34	3.65	1.779																																		
	0108	0457	10173	0813	0			715	2.66		1.758																																		
				H ₂ S	SiO ₂	NO ₃ ⁻ -N	NO ₂ ⁻ -N	NH ₄ ⁺ -N	Tot.N																																				
				µgat/l	µgat/l	µgat/l	µgat/l	µgat/l	µgat/l																																				
	0000				17.0	0.19	0.02	0.93	5.39																																				
	0005				17.0																																								
	0010				17.0																																								
	0015				17.0	0.16	0.02	0.33	28.23																																				
	0020				17.5																																								
	0030				20.0	0	0.05	0.14	15.73																																				
	0040				21.5																																								
	0050				22.5																																								
	0060				26.5	0.47	0.12	0.13	15.47																																				
	0070				40.5																																								
	0080				59.5																																								
	0090				73.0	0.02	0.02	0.98	8.45																																				
	0100			6.3	75.0																																								
	0108			13.5	77.0	0	0	2.20	14.69																																				
BT Slide Sk 193/11601/70, Observer: Engström, Secchi disk: 9.5 m																																													

11 "Skagerak"

77 Sweden

1970

Station

8/9

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56
0131	57	39	018	12	0	970	06	01	10	0097	01	007	27	12	095	088	12	2	0				
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	Alkal.	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										
10	0000	0758	06826	0532	940		843	0.14	1.468			3	3										
	0005	0753	06828	0532	923		844	0.08	1.482														
	0010	0687	06910	0543	939		844	0.16	1.504														
	0015	0507	07015	0561	944		838	0.17															
	0020	0203	07134	0575	949		824	0.25															
	0030	0189	07273	0586	964		824	0.32															
	0040	0239	07377	0595	950		823	0.32															
	0050	0278	07472	0602	934		823	0.28															
	0060	0275	08076	0650	627		772	0.97															
	0070	0426	09299	0744	160		736	1.74															
	0080	0455	09872	0788	029		730	2.55															
	0090	0454	10161	0812	0		730	2.88		7.8													
BT Slide Sk 194/11601/70, N 57°38.5' E 18°11.5', Observer: Engström																							
Secchi disk: 10 m																							

11 "Skagerak"

77 Sweden

1970

Station

9/9

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				
0132	57	40	017	56	0	970	06	01	11	0104	01	015	18	12	084	080	12	2	0	

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

11	0000	0655	06779	0535	947		839	0.16	0.52	1.477	3	3
	0005	0649	06778	0535	953		843	0.05	0.51	1.479		
	0010	0616	06777	0537	955		844	0.05	0.51	1.479		
	0015	0584	06814	0541	953		843	0.12	0.48	1.479		
	0020	0402	06913	0555	962		836	0.11	0.39	1.490		
	0030	0207	07139	0575	960		823	0.37	0.41	1.531		
	0040	0160	07262	0584	945		820	0.26	0.46	1.552		
	0050	0102	07403	0595	908		812	0.37	0.59	1.547		
	0060	0193	07722	0622	755		790	0.63	0.84	1.720		
	0070	0429	09357	0749	179		738	1.95	2.24	1.696		
	0080	0455	10041	0802	018		729	2.32	2.76	1.717		
	0090	0464	10245	0820	008		729	2.43	2.96	1.785		
	0100	0464	10387	0830			727	2.91	3.71	1.760		
	0104	0462	10453	0836			727	2.80	3.48	1.747		

	SiO ₂ μgat/l	NO ₃ ⁻ -N μgat/l	NO ₂ ⁻ -N μgat/l	NH ₄ ⁺ -N μgat/l	Tot.N μgat/l	H ₂ S μgat/l
0000	16.0	0.25	0.01	0.46	13.15	
0005	16.0					
0010	16.0					
0015	16.0	0.14	0.01	0.18	16.76	
0020	16.0					
0030	18.0	0.06	0.02	0.22	18.05	
0040	18.5					
0050	21.0					
0060	28.0	0.23	0.06	0.10	19.59	
0070	58.5					
0080	71.0					
0090	74.0	0	0	0.81	24.08	
0100	77.5					8.6
0104	77.5	0	0	2.00	13.23	10.0

BT Slide Sk 195/11601/70, Observer: Engström

Secchi disk: 10 m

11 "Skagerak"

Station

77 Sweden

1970

12/9

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64
0135	57	44	017	06	0	970	06	01	19	0078	01	006	27	04	100			2	82	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Sal. method	Extra info.										
					ml/l	%														
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63	64	77	78							
19	0000	0726	06753	0528		971		850	0.12			3	3							
	0005	0726	06753	0528		965		853	0.10											
	0010	0527	06746	0539		994		851	0.10											
	0015	0368	06777	0546		967		842	0.13											
	0020	0141	06845	0551		946		824	0.22											
	0030	0090	07054	0566		958		820	0.23											
	0040	0012	07230	0578		952		817	0.30											
	0050	0007	07353	0588		943		815	0.39											
	0060	0164	07570	0610		863		805	0.53											
	0070	0414	09811	0785		030		774	2.98											
BT Slide Sk 198/11601/70, N 57°44' E 17°05.5', Observer: Bladh																				

11 "Skagerak"

77 Sweden

1970

Station

11/9

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54				
0136	57	43	017	22	0	970	06	01	20	0143	01	007	27	06	082	080	28	2	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	Sol. method	Extra info.
					ml/l	%						
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42	43 44 45	58 59 60	61 62 63 64				77	78

20	0000	0709	06667	0523	957		847	0.05	0.55		3	3
	0005	0711	06671	0523	953		850	0.04	0.59			
	0010	0687	06666	0524	957		852	0.05	0.56			
	0015	0235	06773	0546	979		835	0.11	0.59			
	0020	0077	06930	0556	938		817	0.30	0.67			
	0030	0027	07144	0571	946		817	0.32	0.49			
	0040	0078	07266	0583	925		819	0.27	0.58			
	0050	0073	07463	0599	878		807	0.46	0.78			
	0060	0277	08124	0653	594		771	1.01	1.40			
	0070	0439	09655	0772	092		734	2.28	2.72			
	0080	0457	10112	0807	012		731	2.42	2.85			
	0090	0456	10205	0816	010		730	3.26	3.87			
	0100	0459	10280	0822			731	2.84	3.49	3.5		
	0125	0462	10372	0829			732	3.20	3.82	5.3		
	0143	0460	10416	0833			732	2.84	3.45	6.0		

BT Slide Sk 199/11601/70, Observer: Engström

11 "Skagerak"

77 Sweden

1970

Station

Norrköping Deep

F 90

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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				
0137	58	00	017	59	0	970	06	02	01	0197	02	007	00	00	083	080	6	82	0			

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

01	0000	0764	06578	0511	927			847	0.08	0.59	1.447	3	3
	0005	0769	06540	0508	916			850	0.06	0.51	1.436		
	0010	0390	06718	0540	965			842	0.11	0.46	1.458		
	0015	0342	06781	0546	965			841	0.11	0.41	1.460		
	0020	0297	06900	0556	959			832	0.32	0.44	1.477		
	0030	0179	07170	0577	957			827	0.49	0.45	1.541		
	0040	0105	07287	0586	948			821	0.32	0.52	1.541		
	0050	0121	07387	0595	930			819	0.42	0.59	1.544		
	0060	0287	07515	0606	926			827	0.26	0.46	1.568		
	0070	0233	07915	0637	683			784	0.91	1.11	1.590		
	0080	0409	09001	0721	276			746	1.77	2.02	1.666		
	0090	0448	09952	0795	039			732	2.50	2.92	1.723		
	0100	0455	10227	0818	013			732	3.10	3.51	1.720		
	0125	0464	10394	0830				733	3.18	3.67	1.747		
	0150	0467	10465	0837				734	3.08	3.49	1.752		
	0175	0471	10499	0839				734	2.90	3.50	1.750		
	0197	0468	10529	0841				733	3.02	3.63	1.758		
						SiO ₂	NO ₃ ⁻ -N	NO ₂ ⁻ -N	NH ₄ ⁺ -N	Tot.N	H ₂ S		
	0000					µgat/l	µgat/l	µgat/l	µgat/l	µgat/l	µgat/l		
	0005					16.5	0.05	0	0.85	16.07			
	0010					16.5							
	0015					16.0	0.05	0.03	0.65	23.33			
	0020					18.0							
	0030					18.0							
	0040					20.0	0.04	0	0.46	12.23			
	0050					20.0							
	0060					14.0							
	0070					31.5	0.99	0.07	0.38	18.95			
	0080					52.5							
	0090					68.0							
	0100					74.0	0	0	0.75	17.87			
	0125					75.0					5.70		
	0150					75.0	0	0	1.47	26.68	6.80		
	0175					75.0	--	--	1.44	--	7.80		
	0197					76.0	0	0.02	1.89	17.85	9.05		

BT Slide Sk 200/11601/70, N 57° 59.7' E 17°58.5', Observer: Engström

11 "Skagerak"

77 Sweden

1970

Station

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						
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	60	61					62	63	64			
0138	58	35	018	14	0	970	06	02	07	0450	04	008	02	12	085	082	27	3	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
08	0000	07	16	06	478	05	07	932			849	0.06	0.55	1.425	3	3												
	0005	07	17	06	477	05	07	933			852	0.06	0.52	1.433														
	0010	07	06	06	483	05	07	946			854	0.06	0.51	1.433														
	0015	05	74	06	658	05	29	965			851	0.08	0.37	1.460														
	0020	03	45	06	730	05	42	967			843	0.11	0.36	1.477														
	0030	01	90	07	026	05	67	946			829	0.21	0.39	1.514														
	0040	00	91	07	246	05	82	946			823	0.32	0.46	1.531														
	0050	01	41	07	412	05	96	911			821	0.34	0.53	1.560														
	0060	02	76	08	078	06	50	603			778	0.90	1.05	1.620														
	0070	04	32	09	414	07	53	170			737	1.86	2.06	1.687														
	0080	04	56	10	016	08	00	047			734	2.36	2.70	1.733														
	0090	04	70	10	387	08	30	011			734	2.43	2.74	1.755														
	0100	04	74	10	615	08	48	012			736	2.64	2.97	1.760														
07	0125	04	85	10	818	08	64	010			731	2.78	3.07	1.747														
	0150	04	92	10	977	08	75	012			733	2.66	2.98	1.747														
	0200	04	95	11	039	08	80	016			733	2.50	2.79	1.752														
	0300	05	02	11	130	08	87	019			734	2.43	2.72	1.758														
	0400	05	04	11	151	08	88	020			735	2.45	2.80	1.769														
	0425	05	04	11	160	08	89	024			735	2.47	2.85	1.763														
	0440	05	00	11	159	08	89	033			735	4.12	4.68	1.769														

BT Slide Sk 201/11601/70, Observer: Engström

Secchi disk: 8 m

11 "Skagerak"

Station

77 Sweden

1970

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	58	59			60	61		62
0139	58		47	019	06	0	970	06	02	16	0138	01	010	05	12	090					1	62	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						
16	0000	07	13	06	481	05	07	923		844	0.05		33											
	0005	07	13	06	480	05	07	918		847	0.04													
	0010	07	05	06	481	05	07	922		847	0.03													
	0015	06	31	06	663	05	27	932		847	0.03													
	0020	02	64	06	975	05	63	972		831	0.14													
	0030	01	95	07	165	05	78	971		830	0.11													
	0040	01	74	07	267	05	85	974		829	0.13													
	0050	01	85	07	360	05	93	952		822	0.19													
	0060	01	65	07	621	06	13	803		793	0.55													
	0070	03	29	08	463	06	80	468		763	1.27													
	0080	04	28	09	562	07	64	156		739	1.74													
	0090	04	71	10	404	08	31	026		731	2.43													
	0100	04	83	10	646	08	51	018		732	2.27													
	0125	05	26	11	567	09	19	052		736	1.95													
	0138	05	22	11	598	09	22	067		733	2.00													

BT Slide Sk 202/11601/70, Observer: Carlberg

11 "Skagerak"

77 Sweden

1970

Station

L 19 = F 75

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N 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
0140	58	53	020	19	0	970	06	02	20	0180	02	010	05	10	070	062	0	02	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																							
20	0000	0637	07111	0562	952		846	0.11	0.41	1.558		3	3																																										
	0005	0639	07112	0562	948		850	0.11	0.41	1.544																																													
	0010	0616	07108	0563	954		850	0.11	0.41	1.547																																													
	0015	0351	07167	0577	983		835	0.17	0.37	1.555																																													
	0020	0246	07259	0585	981		836	0.17	0.30	1.595																																													
	0030	0161	07344	0591	965		828	0.26	0.41	1.590																																													
	0040	0186	07426	0598	960		825	0.26	0.33	1.590																																													
	0050	0135	07714	0620	832		800	0.47	0.56	1.620																																													
	0060	0254	08361	0672	587		771	1.00	1.14	1.647																																													
	0070	0443	09978	0798	095		733	1.95	2.22	1.712																																													
	0080	0476	10750	0859	034		729	2.34	2.63	1.728																																													
	0090	0492	10776	0860	016		730	2.55	2.93	1.747																																													
	0100	0496	10979	0875	037		731	2.29	2.47	1.752																																													
	0125	0512	11358	0904	050		733	1.96	2.19	1.774																																													
	0150	0519	11606	0923	041		733	2.29	2.52	1.755																																													
	0180	0518	11733	0933	038		735	2.36	2.74	1.801																																													
							SiO ₂																																																
							NO ₃ ⁻ -N																																																
							NO ₂ ⁻ -N																																																
							NH ₄ ⁺ -N																																																
							Tot.N																																																
							μgat/l	μgat/l	μgat/l	μgat/l	μgat/l																																												
	0000				13.5		0.14	0	1.15	16.18																																													
	0005				13.5																																																		
	0010				13.5																																																		
	0015				14.5		0.12	0.02	2.61	10.83																																													
	0020				13.0																																																		
	0030				15.0		0.02	0	0.41	7.45																																													
	0040				14.5																																																		
	0050				21.5		0.17	0.04	0.30	17.01																																													
	0060				32.0																																																		
	0070				61.0		1.12	0.04	0.20	5.11																																													
	0080				69.0																																																		
	0090				72.0																																																		
	0100				69.0		1.55	0.04	0.13	28.61																																													
	0125				68.0																																																		
	0150				71.0		1.76	0.03	0.13	21.13																																													
	0180				74.0		2.37	0.11	0.53	38.81																																													

BT Slide Sk 203/11601/70, Observer: Bladh

11 "Skagerak"

77 Sweden

1970

Station

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																			
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	58	59					60	61																	
	5	6	7	8		9	10	11					12	13	14	15	16	17					18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50
0141	59	18	021	34	0	970	06	03	03	0172	02	010	32	08	068								28	3	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										
03	0000	0680	06615	0520	946			866	0.06	0.49		3	3																												
	0005	0674	06616	0521	945			868	0.06	0.48																															
	0010	0659	06628	0522	948			868	0.05	0.52																															
	0015	0193	07032	0567	965			840	0.14	0.35																															
	0020	0271	07210	0581	962			840	0.16	0.35																															
	0030	0256	07344	0591	978			841	0.13	0.31																															
	0040	0278	07383	0595	905			842	0.13	0.33																															
	0050	0085	07563	0607	920			815	0.26	0.41																															
	0060	0319	08510	0684	517			772	1.06	1.31																															
	0070	0465	10323	0825	060			733	2.38	2.81																															
	0080	0492	10753	0858	016			733	2.53	2.94																															
	0090	0495	10954	0873	016			733	2.76	3.23																															
	0100	0497	10977	0875	014			733	2.74	3.15																															
	0125	0497	11015	0878	016			733	2.68	3.06																															
	0150	0504	11200	0892				736	2.76	3.29																															
	0172	0498	11221	0893				739	2.96	3.65																															
				SiO ₂	NO ₃ ⁻ -N	NO ₂ ⁻ -N	NH ₄ ⁺ -N	Tot.N	H ₂ S																																
				μgat/l	μgat/l	μgat/l	μgat/l	μgat/l	μgat/l																																
	0000			14.5	0.28	0.02	1.17	17.12																																	
	0005			14.5																																					
	0010			14.5																																					
	0015			15.5	0.19	0.02	0.47	17.79																																	
	0020			15.0																																					
	0030			13.0	0	0	0.35	8.84																																	
	0040			10.5																																					
	0050			17.5	0.12	0.02	0.52	19.59																																	
	0060			37.0																																					
	0070			69.0	0.64	0.02	1.89	18.96																																	
	0080			74.0																																					
	0090			74.5	0.88	0.36		31.58																																	
	0100			74.0																																					
	0125			75.0																																					
	0150			76.0	0.06	0	1.44	36.92	7.1																																
	0172			76.0	0	0	2.62		11.9																																

BT Slide Sk 204/11601/70, N 59°17'48" E 21°34' Observer: Bladh

11 "Skagerak"

Station

77 Sweden

1970

L 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							
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52			53	54	55	56	57	58	59	60
0143	59	35	023	18	0	970	06	03	12	0069	01	000	23	06	092	038	1	21	0									
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Alkal.	Scl. method	Extra info.															
26	27	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	0750	06177	0481	993			867	0.06	0.59	1.477		3	3														
	0005	0745	06180	0481	988			868	0.08	0.65	1.466																	
	0010	0561	06423	0511	973			852	0.08	0.46	1.498																	
	0015	0318	06684	0538	958			834	0.14	0.30	1.522																	
	0020	0191	06890	0555	944			816	0.23	0.46	1.558																	
	0030	0111	07173	0576	944			814	0.26	0.46	1.587																	
	0040	0052	07370	0591	938			811	0.27	0.39	1.606																	
	0050	0101	07662	0615	832			790	0.48	0.65	1.631																	
	0060	0258	08650	0696	470			754	1.33	1.60	1.666																	
	0069	0350	09396	0754	250			737	1.81	2.13	1.704																	
	0000					SiO ₂																						
	0005					$\mu\text{gat}/1$																						
	0010					10.0																						
	0015					10.5																						
	0020					12.5	0.07	0	0.36	16.24																		
	0030					15.0																						
	0040					16.0	0.03	0.02	1.25	9.12																		
	0050					17.0																						
	0060					22.5	0.16	0.04	1.04	12.24																		
	0069					43.0																						
						56.5	1.03	0.03	0.74	18.93																		
BT Slide Sk 206/11601/70, Observer: Engström																												
Secchi disk: 6 m																												

11 "Skagerak"

77 Sweden

1970

Station

L 7

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	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
0144	59	51	024	50	0	970	06	03	18	0073	01	006	25	04	103	099	0	02	0	0																									

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P		Sol. 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	0000	0889	05042	0380	021			886	0.06			3	3
	0005	0886	05027	0380	032			888	0.04				
	0010	0598	05427	0430	977			868	0.06				
	0015	0283	06064	0489	922			820	0.16				
	0020	0141	06459	0579	884			804	0.32				
	0030	0102	06884	0553	849			795	0.50				
	0040	0097	07207	0579	811			789	0.63				
	0050	0143	07599	0611	732			782	0.79				
	0060	0273	08444	0679	438			752	1.44				
	0070	0362	09264	0743	185			734	2.30				
	0073	0373	09293	0745	196			732	2.45				
	0000							NO ₃ ⁻ -N	NO ₂ ⁻ -N	NH ₄ ⁺ -N	Tot.N		
								µgat/l	µgat/l	µgat/l	µgat/l		
	0000							0.14	0.04	0.70	11.13		
	0015							0.07	0.02	0.46	11.78		
	0030							0.17	0.04	0.67	14.18		
	0050							1.69	0.09	0.29	20.62		
	0073							1.85	0.04	0.23	23.90		

BT Slide Sk 207/11601/70, Observer: Bladh

11 "Skagerak"

77 Sweden

1970

Station

L 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	45 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64
0145	59	55	025	36	0	970	06	03	21	0067	01	000	18	08	089	085	0	02	0	0
Obs. time	Obs. depth	Temp.		Sal.	σ _t		Oxygen		pH	PO ₄ -P	Tot.P	Alkal.	Sel. method	Extra info.						
					ml/l	%	μgat/l	μgat/l							Mval/l					
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	50	59 60	61	62 63	64	77	78						
21	0000	0937	04534	0336	016			895	0.06	0.55	1.252	3	3							
	0005	0924	04539	0337	020			895	0.06	0.49	1.249									
	0010	0620	04980	0394	002			872	0.08	0.44	1.306									
	0015	0519	05080	0405	981			861	0.08	0.24	1.314									
	0020	0408	05130	0413	947			845	0.11	0.36	1.322									
	0030	0121	06006	0483	844			796	0.43	0.63	1.439									
	0040	0107	06888	0554	842			799	0.58	0.72	1.539									
	0050	0156	07350	0592	677			777	0.87	1.03	1.593									
	0060	0289	08336	0671	418			753	1.48	1.74	1.639									
	0067	0343	08797	0707	273			740	2.32	2.70	1.677									
	0000							SiO ₂												
	0005							NO ₃ ⁻ -N												
	0010							NO ₂ ⁻ -N												
	0015							NH ₄ ⁺ -N												
	0020							Tot.N												
	0030							μgat/l	μgat/l	μgat/l	μgat/l	μgat/l								
	0040							2.0	0.25	0	0.35	10.73								
	0050							1.5												
	0060							4.0												
	0067							5.5	1.77	0.02	0.27	10.31								
								8.0												
								20.0	0.39	0.11	0.29	10.01								
								23.0												
								32.0	1.68	0.11	0.20	19.21								
								46.5												
								57.0	2.04	0.06	0.44	20.02								

BT Slide Sk 206/11601/70, Observer : Engström

11 "Skagerak"

77 Sweden

1970

Station

Solovjeva F 64

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																									
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58	59	60																	
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64		
0147	60	13	019	05	0	970	06	04	20	0258	03	004	00	00	080	064	0	00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Alkal.	Sed. method	Extra info.																																			
					ml/l	%							µgat/l	µgat/l	Mval/l																																
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78																			
20	0000	0257	04905	0396	X	054	849	0.02	0.32	1.152	3	3																																			
	0005	0273	04916	0397	X	056	850	0.02	0.32	1.157																																					
	0010	0302	05265	0425	X	050	850	0.04	0.32	1.179																																					
	0015	0283	05385	0435	X	038	846	0.02	0.29	1.233																																					
	0020	0267	05514	0444	X	040	842	0.05	0.32	1.293																																					
	0030	0149	06057	0487		975	825	0.05	0.21	1.387																																					
	0040	0168	06682	0538	X	019	830	0.05	0.44	1.487																																					
	0050	0016	06856	0548		935	814	0.15	0.32	1.504																																					
	0060	0016	06921	0553		944	814	0.31	0.46	1.517																																					
	0070	0012	06960	0555		937	814	0.37	0.53	1.531																																					
	0080	0007	06988	0559		940	814	0.48	0.48	1.536																																					
	0090	0008	07005	0560		941	815	0.41	0.54	1.541																																					
	0100	0052	07257	0582		927	814	0.38	0.51	1.536																																					
	0125	0131	07127	0573		857	810	0.41	0.58	1.547																																					
	0150	0204	07183	0579		804	795	0.49	0.58	1.536																																					
	0175	0288	07245	0584		733	785	0.53	0.69	1.536																																					
	0200	0351	07310	0589		668	776	0.53	0.78	1.547																																					
	0250	0412	07378	0593		552	763	0.71	1.00	1.563																																					
	0258	0408	07397	0595		543	760	0.71	1.03	1.563																																					
BT Slide Sk 210/11601/70, N 60°12.5' E 19°04.5', Observer: Engström																																															

11 "Skagerak"

77 Sweden

1970

Station

F 79

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	60	61					62
0148	58	27	020	20	0	970	06	05	11	0120	01	000	09	06	094	088	00	2	0				
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P Alkal.		Sel. method	Extra info.												
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										
11	0000	0740	07070	0552	942			847	0.06	1.531		3	3										
	0005	0674	07074	0557	954			851	0.05														
	0007	0678								1.531													
	0010	0507	07218	0577	980			847	0.11	1.558													
	0015	0206	07303	0588	986			834	0.14														
	0020	0275	07345	0594	002			838	0.12														
	0030	0174	07393	0595	977			829	0.17														
	0040	0226	07601	0612	969			830	0.09														
	0050	0188	07703	0620	955			823	0.15														
	0060	0184	07946	0640	792			794	0.42														
	0070	0439	09557	0764	156			736	1.81														
	0080	0410	10071	0806	063			732	2.27														
	0090	0471	10323	0824	039			731	2.43														
	0100	0505	11001	0876	074			734	1.98														
	0120	0521	11409	0907	072			733	1.82														
						NO ₃ ⁻ -N	NO ₂ ⁻ -N	NH ₄ ⁺ -N	Tot.N														
						μgat/l	μgat/l	μgat/l	μgat/l														
	0000					0.28	0.04	0.64	16.07														
	0010					0.34	0.02	0.83	14.82														
	0030					0.03	0.02	0.67	8.62														
	0050					0.09	0.04	0.59	12.12														
	0070					1.13	0.07	0.47	11.62														
	0090					1.59	0.02	0.40	18.17														
	0120					2.77	0.14	0.88	10.84														

BT Slide Sk 211/11601/70, N 58°26.5' E 20°20', Observer: Bladh
 Secchi disk: 11 m

11 "Skagerak"

77 Sweden

1970

Station

Gotland Deep

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	51 52	53 54				
5 6 7 8	9 10	11 12	13 14 15	16 17 18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56	57 58 59 60	61	62	63	64			
0149	57	20	020	03 0		970	06	08	08	0237	02	007	09	04	122	117	12	2	0			
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P Tot.P Alkal.			Sal. method	Extra info.									
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45		58 59 60	61 62 63 64	77			78								
08	0000	10	40	07505	0559	934			869	0.05	0.24	1.612	3	3								
	0005	10	24	07507	0561	939			871	0.05	0.32	1.612										
	0010	08	93	07569	0579	953			869	0.05	0.26	1.612										
	0015	08	62	07613	0585	952			870	0.05	0.54	1.612										
	0020	03	58	07678	0617	952			839	0.06	0.26	1.601										
	0030	04	50	07755	0621	944			841	0.06	0.32	1.598										
	0040	01	74	07813	0629	910			817	0.12	0.32	1.604										
	0050	01	46	07988	0642	900			813	0.11	0.32	1.612										
	0060	01	49	08334	0670	796			793	0.20	0.43	1.614										
	0070	03	63	09319	0748	360			750	0.90	1.49	1.714										
	0080	04	72	10220	0817	148			737	1.48	1.72	1.725										
	0090	05	11	10772	0859	139			738	1.45	1.67	1.752										
	0100	05	12	11297	0899	179			738	1.48	1.75	1.736										
	0125	05	53	11949	0948	186			740	1.58	1.86	1.747										
	0150	05	20	12333	0980	227			743	1.70	1.96	1.769										
	0175	04	88	12721	1012	281			747	1.50	1.77	1.774										
	0200	06	20	12973	1024	028			735	1.58	1.91	1.806										
	0225	06	24	12974	1024	029			735	1.54	1.88	1.839										
	0237	06	18	12975	1024	037			739	1.54	1.78	1.942										
BT Slide Sk 212/11601/70, Observer: Eladh																						
Secchi disk: 11 m																						

11 "Skagerak"

77 Sweden

1970

Station

Gotland Deep

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																				
5	6	7	8	9	10	11	12		13	14	15					16	17	18	19	20	21					22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55
01	49	57	20	02	0	03	0	97	06	08	08	02	37	02	00	07	09	04	12	2	11	7	1	22	0																				
Obs. time	Obs. depth	Temp.	Sol.	σ_t	SiO ₂	NO ₃ ⁻ -N	NO ₂ ⁻ -N	NH ₄ ⁺ -N	Tot.N	Sel. 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																								
08	0000											8.0	0.27	0.01	0.44	17.12																													
	0005											8.0	0.12	--	0.44	--																													
	0010											9.0	0.11	0.01	0.14	--																													
	0015											9.5	0.08	--	0.23	--																													
	0020											9.5	0.05	0.01	0.04	15.34																													
	0030											9.5	0.04	--	0.06	--																													
	0040											13.5	0.04	0.01	0	--																													
	0050											14.0	0.04	--	0.14	--																													
	0060											18.5	0.06	0	0.12	--																													
	0070											40.0	2.01	--	0.13	--																													
	0080											52.5	1.58	0.06	0.08	--																													
	0090											54.5	2.10	--	0.74	--																													
	0100											52.5	2.43	0.10	0.06	8.25																													
	0125											56.0	2.48	--	0.06	--																													
	0150											56.0	2.53	0.07	0	12.29																													
	0175											53.5	2.45	--	0	--																													
	0200											68.0	3.27	0.04	0.45	20.11																													
	0225											68.0	3.04	--	0.51	--																													
	0237											68.0	3.25	0.12	1.02	49.48																													

11 "Skagerak"

77 Sweden

1970

Station

7/9

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																				
	o	'	''	o	'	''		Year	Mo.	Day	Dir.					Sp. kn.	Dry bulb	Wet bulb	55	56	57					58	59	60	61	62	63	64													
																																	5	6	7	8	9	10	11	12	13	14	15	16	17
0152	57	26	019	08	0	970	06	08	21	0047	00	008	36	08	120	111	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													
21	0000	0954	07310	0553	937				856	0.04		3	3																																
	0005	0952	07310	0553	940				857	0.03																																			
	0010	0785	07356	0571	992				866	0.03																																			
	0015	0771	07422	0577	966				862	0.02																																			
	0020	0737	07428	0580	955				859	0.04																																			
	0030	0252	07528	0606	951				828	0.15																																			
	0040	0202	07653	0615	944				822	0.13																																			
	0047	0187	07730	0622	911				812	0.19																																			
BT Slide Sk 215/399/70, N 57°25.5' E 19°07.5', Observer Carlberg																																													

11 "Skagerak"

77 Sweden

1970

Station

Fårö Deep

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																							
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	58	59					60	61																					
	5	6	7	8		9	10	11					12	13	14	15	16	17					18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0153	58	00	019	54	0	970	06	09	02	0194	02	007	07	10	122	118	00	2	0																										
Obs. time	Obs. depth	Temp.	Sal.	σ _t	Oxygen		pH	PO ₄ -P	Tot.P	Alkal.	Sal. method	Extra info.																																	
26	27	28	29	30	31	32	33	34	35	36			37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78															
02	0000	1067	07328	0542	908		863	0.05	0.33	1.604		3	3																																
	0005	1070	07329	0541	906		863	0.06	0.32	1.604																																			
	0010	0875	07287	0558	962		862	0.06	0.39	1.601																																			
	0015	0670	07262	0571	956		854	0.10	0.37	1.595																																			
	0020	0302	07315	0590	973		836	0.13	0.33	1.612																																			
	0030	0299	07392	0595	988		839	0.13	0.32	1.601																																			
	0040	0192	07439	0599	982		832	0.15	0.46	1.595																																			
	0050	0138	07578	0610	946		821	0.17	0.44	1.612																																			
	0060	0162	07805	0628	810		797	0.40	0.69	1.623																																			
	0070	0346	09125	0733	399		754	0.89	1.16	1.679																																			
03	0080	0452	09995	0799	107		734	1.90	2.22	1.704																																			
	0090	0511	10959	0872	085		733	1.79	2.06	1.779																																			
	0100	0542	11709	0930	094		735	1.73	2.01	1.763																																			
	0125	0546	12171	0965	046		732	2.32	2.64	1.790																																			
	0150	0544	12259	0972	016		734	2.56	3.05	1.844																																			
	0175	0540	12291	0975	013		739	2.86	3.29	1.844																																			
	0194	0552	12325	0978	017		743	2.84	3.51	1.877																																			
						SiO ₂	NO ₂ ⁻ -N	NO ₃ ⁻ -N	NH ₄ ⁺ -N	Tot.N																																			
						μgat/l	μgat/l	μgat/l	μgat/l	μgat/l																																			
02	0000					10.0	0.10	0	0.48	18.82																																			
	0005					10.0	0.13	--	0.74	--																																			
	0010					10.0	0	0.02	0.44	--																																			
	0015					10.5	0	--	0.93	--																																			
	0020					11.5	0	0.01	0.32	23.46																																			
	0030					11.5	0	--	0.46	--																																			
	0040					12.0	0	0.01	0.24	--																																			
	0050					13.0	0.05	--	0.30	--																																			
	0060					20.5	0.24	--	0.23	25.65																																			
	0070					39.0	0.63	0.07	0.18	--																																			
03	0080					58.0	1.22	--	0.14	--																																			
	0090					60.0	1.75	--	0.07	--																																			
	0100					61.0	2.34	0.03	0	25.02																																			
	0125					72.0	2.10	--	0.10	--																																			
	0150					78.0	1.54	0.10	0	41.89																																			
	0175					81.0	1.01	--	0	--																																			
	0194					81.5	0.52	0	0.44	32.91																																			

BT Slide Sk 216/11601/70, Secchi disk: 10 m
Observer: Engström

11 "Skagerak"

77 Sweden

1970

Station

Gotland Deep

F 81

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
0154	57	20	020	03	0	0	970	06	09	09	0242	02	007	05	12	130									1	33	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
09	0000	1085	07457	0550	920										0.05	0.32											33	
	0010	1057	07457	0553	942										0.06	0.39												
	0030	0357	07617	0612	955										0.12	0.24												
	0050	0158	07942	0638	880										0.11	0.31												
	0070	0250	08972	0721	566										0.44	0.66												
	0100	0497	11185	0891	214										1.43	1.65												
	0125	0520	11958	0950	227										1.53	1.78												
	0150	0515	12380	0984	208										1.75	2.06												
	0175	0595	12663	1001	076										2.31	2.55												
	0200	0612	12816	1012	080										2.00	2.25												
	0225	0635	12947	1021	046										1.73	2.01												
	0240	0612	12983	1025	031										1.60	1.95												
BT Slide Sk 217/11601/70, Observer: Carlberg																												
Secchi disk: 10 m																												
														NO ₃ ⁻ -N		NO ₂ ⁻ -N		NH ₄ ⁺ -N										
														µgat/l		µgat/l		µgat/l										
	0000														0.06	0	0.42											
	0010														0.08	0	0.67											
	0030														0.03	0.01	0.33											
	0050														0.12	0.03	0.47											
	0070														0.15	0.04	0.39											
	0100														2.22	0.05	0.24											
	0125														2.83	0.02	0.22											
	0150														2.53	0.03	0.23											
	0175														3.10	0.04	0.17											
	0200														2.73	0.04	0.18											
	0225														3.54	0.07	0.10											
	0240														3.19	0.14	0.49											

11 "Skagerak"
77 Sweden

1970

Station
Segerstad I

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0155	56	33	017	04	0	970	06	09	19	0072	01	007	05	02	110									27	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
19	0000	0955	07095	0536	900						835	0.10													3	3		
	0005	0950	07099	0536	898						835	0.12																
	0010	0809	07088	0548	922						835	0.12																
	0015	0456	07129	0571	956						831	0.17																
	0020	0348	07232	0582	953						826	0.24																
	0030	0274	07320	0590	955						822	0.28																
	0040	0140	07408	0596	936						811	0.36																
	0050	0199	07557	0609	875						804	0.42																
	0060	0306	08281	0666	515						757	1.20																
	0072	0390	09186	0736	201						735	1.91																

BT Slide Sk 218/11601/70, Observer: Engström

11 "Skagerak"

77 Sweden

1970

Station

BY 39B

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																							
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58	59	60	61	62	63	64											
	5	6	7	8		9	10	11					12	13	14	15	16	17					18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0158	56	07	016	32	0	970	06	10	01	0048	00	008	07	12	096							28	2	0																					
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P 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	58	59	60	61	62	63	64	77	78													
01	0000	0851	07055	0542	900			837	0.14	0.05	0		3	3																															
	0005	0852	07057	0542	902			837	0.14	0.08	0																																		
	0010	0789	07018	0544	900			837	0.16	0	0																																		
	0015	0750	07018	0547	904			837	0.21	0	--																																		
	0020	0735	07054	0551	911			837	0.16	0	0.01																																		
	0030	0490	07110	0569	921			832	0.23	0	--																																		
	0040	0486	07284	0582	928			827	0.27	0	0																																		
	0048	0375	07576	0609	886			816	0.25	0	0.01																																		
	0000								0.31	11.86																																			
	0005								0.40	--																																			
	0010								0.13	19.33																																			
	0015								0.26	--																																			
	0020								0.20	--																																			
	0030								0.14	16.24																																			
	0040								0.19	--																																			
	0048								0.19	18.05																																			

BT Slide Sk 221/399/70, Observer: Engström

11 "Skagerak"

77 Sweden

1970

Station

Bornholm 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					
0159	55 15	015 59 0	970 06 10 07	0091	01	013	05	08	015							2	8	2	0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P Tot.P NO ₃ ⁻ -N		Sel. 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										
07	0000	09 14	07 52 7	05 73	920		856	0.12	0.48	0.02	3 3									
	0005	09 13	07 52 7	05 73	919		850	0.12	0.46	0.07										
	0010	09 11	07 52 9	05 74	917		853	0.12	0.96	0.05										
	0015	07 31	07 56 1	05 91	949		851	0.16	0.48	0.04										
	0020	05 33	07 60 6	06 07	929		837	0.19	0.52	0.03										
	0030	03 29	07 78 4	06 26	927		827	0.26	0.47	0.03										
	0040	03 17	07 91 7	06 37	916		825	0.18	0.40	0.02										
	0050	01 47	08 48 9	06 83	870		812	0.26	0.43	0										
	0060	01 60	11 30 5	09 09	742		806	0.31	0.51	0.11										
	0070	03 81	14 62 4	11 68	497		775	0.81	1.11	1.07										
	0080	05 90	16 26 7	12 85	207		755		1.72	3.66										
	0091	05 13	16 74 5	13 29	125		742	1.32	1.68	2.90										
	0000																			
	0005																			
	0010																			
	0015																			
	0020																			
	0030																			
	0040																			
	0050																			
	0060																			
	0070																			
	0080																			
	0091																			

BT Slide Sk 222/11601/70, Observer, Engström

Secchi disk: 13 m

11 "Skagerak"

77 Sweden

1970

Station

Arkona 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	51	52					53	54	55	56	57	58
0160	55	00	014	05	0	970	06	10	20	0049	00	013	07	12	118									16	2	0		
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	SiO ₂	Sol. method	Extra info.															
26	27	28	29	30	31	32	33		34	35	36			37	38	39	40	41	42	43	44	45	58	59	60	61	62	63
20	0000	11	15	0796	0585	821			839	0.08	0.26	10.0	1	3														
	0005	11	15	0795	0584	823			839	0.06	0.32	10.0																
	0010	11	14	0795	0584	820			839	0.06	0.28	10.0																
	0015	07	60	0788	0613	865			836	0.06	0.55	10.0																
	0020	05	65	0923	0733	818			817	0.16	0.30	9.5																
	0030	01	41	1289	1035	746			804	0.24	0.49	7.5																
	0040	06	52	1568	1233	499			787	0.52	0.85	21.0																
	0049	02	35	1680	1346	343			763	0.71	1.18	32.0																
	0000									NO ₃ ⁻ -N	NO ₂ ⁻ -N	NH ₄ ⁺ -N	Tot.N															
	0005									µgat/l	µgat/l	µgat/l	µgat/l															
	0010									0.20	0	0.80	17.27															
	0015									0.13	0.02	0.76	--															
	0020									0	0.02	0.45	--															
	0030									0.02	0.02	0.52	20.94															
	0040									0.01	0.03	0.34	--															
	0049									0.40	0.24	0.34	15.59															
										0.46	0.24	0.71	--															
										0.85	0.41	1.90	59.29															
BT Slide Sk 231/399/70, Observer: Engström																												

11 "Skagerak"

77 Sweden

1970

Station

Snitt 3

(Nexö)

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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
1160	55	06	016	00	0	970	06	10	08	0088	01		99	99	99										9	99	9	
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
08	0088	05	56	1673	1324	141			743	1.63																1	3	
Observer: Bladh																												

11 "Skagerak"

77 Sweden

Station

Snitt 3

(Nexö)

1970
Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb						
0161	55	03	015	47	0	970	06	10	09	0088	01			99	99	99				9	99	9
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					ml/l	%	77	78								
09	0088	0576	1655	1308	148				745	1.56												13
Observer: Bladh																						

11 "Skagerak"

77 Sweden

Station

Snitt 3

(Nexö)

1970
Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb						
02161	55	00	015	20	0	970	06	10	11	0065	01			99	99	99				99	9	9
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					ml/l	%	77	78								
11	0065	0258	1198	0961	707				794	0.29												13
Observer: Bladh																						

11 "Skagerak"

77 Sweden

Station

Snitt 3

(Nexö)

1970
Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb						
1161	55	02	015	33	0	970	06	10	10	0077	01			99	99	99				9	99	9
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					ml/l	%	77	78								
10	0077	0472	1531	1218	309				756	1.14												13
Observer: Bladh																						

11 "Skagerak"

77 Sweden

1970

Station

Snitt 2 (Kåseberga)

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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					55	56	57	58	59	60	61	62	63	64
	3161	55	00	014		06	0	970					06	10	17	0014	00						99	99	99					99	9	9
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Sal. method	Extra info.																						
26	27	28	29	30	31	32					33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78
17	0014	1168	0727	0525	824			821	0.14												1	3										
Observer: Engström																																

11 "Skagerak"

77 Sweden

1970

Station

Snitt 2 (Kåseberga)

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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					55	56	57	58	59	60	61	62	63	64
	4161	55	05	014		06	0	970					06	10	17	0031	00						99	99	99					9	9	99
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Sal. method	Extra info.																						
26	27	28	29	30	31	32					33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78
17	0031	0669	0756	0595	894			826	0.20												1	3										
Observer: Engström																																

11 "Skagerak"

77 Sweden

1970

Station

Snitt 2 (Kåseberga)

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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					55	56	57	58	59	60	61	62	63	64
	5161	55	10	014		06	0	970					06	10	18	0044	00						99	99	99					9	99	9
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Sal. method	Extra info.																						
26	27	28	29	30	31	32					33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78
18	0044	0224	1602	1284	388			765	0.56												1	3										
Observer: Bladh																																

11 "Skagerak"

Station

77 Sweden

1970

Snitt 2 (Kåseberga)

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N 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
6161	55	16	014	06	0	970	06	10	19	0048	00				99	99	99				99	9	9																						
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	0048	0750	1625	1269	549					795	0.50																1	3																	
Observer: Bladh																																													

11 "Skagerak"

Station

77 Sweden

1970

Snitt 2 (Kåseberga)

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N 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
7161	55	21	014	06	0	970	06	10	20	0049	00				99	99	99				9	9	99																						
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														
20	0049	0235	1680	1346						762	0.71																1	3																	
Observer: Bladh																																													

11 "Skagerak"

Station

77 Sweden

1970

Utanför Skålderviken

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N 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
8161	56	24	012	25	0	970	06	11	08	0025	00				32	06	181				9	91	0																						
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Alkal.		Sal. method	Extra info.																																		
26	27	28	29	30	31	32		33	34			35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
08	0000	1412	0943	1083						834	1.639																1	3																	
	0006	1288	1469	1080						837	1.698																																		
	0008	1560	1517	1069						835	1.847																																		
Observer: Carlberg																																													

11 "Skagerak"

77 Sweden

1970

Station

SE 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
9161	58	13	011	21	0	970	06	24	21	0032	00	015	18	10	230					28	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														
21	0000	1838	22875	1597	631				0.07	0.34	2.43	3	3																																
	0005	1841	22928	1601	613				0.02	0.28	1.57																																		
	0010	1818	23003	1612	620				0.06	0.29	2.00																																		
	0015	1797	23257	1635	621				0.05	0.28	2.76																																		
	0020	1253	29198	2202	690				0.06	0.40	1.46																																		
	0025	0914	31935	2472	628				0.12	0.35	2.88																																		
	0030	0743	33143	2593	595				0.22	0.50	3.99																																		
									NO ₃ ⁻ -N	NO ₂ ⁻ -N	NH ₄ ⁺ -N																																		
	0000								μgat/l	μgat/l	μgat/l																																		
	0005								0	0.03	0																																		
	0010								0	--	0																																		
	0015								0	0.16	0																																		
	0020								0	--	0																																		
	0025								0	0.03	0																																		
	0030								1.33	--	0																																		
									2.93	0.03	0.07																																		
BT Slide Sk 232/399/70, N 58° 12.9' E 11° 21.3', Observer: Sen Gupta																																													

11 "Skagerak"

77 Sweden

1970

Station

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																							
	5	6	7	8		9	10	11					12	13	14	15	16	17					18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0162	58	16	011	22	0	970	06	24	22	0049	00	018	16	12	180								28	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	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																	
22	0000	1829	22905	1601	616			0.08	0.31	1.17	3	3																																	
	0005	1838	22912	1600	614			0.04	0.33	1.11																																			
	0010	1833	22954	1604	614			0.03	0.26	1.17																																			
	0015	1837	22992	1606	619			0.04	0.29	0.99																																			
	0020	1606	26659	1937	684			0.07	0.37	2.10																																			
	0030	1796	32428	2334	613			0.28	0.52	3.07																																			
	0040	0577	33700	2498	578			0.42	0.72	5.27																																			
	0045	0560	33715	2501	576			0.51	0.78	4.90																																			
								NO ₃ ⁻ -N μgat/l	NO ₂ ⁻ -N μgat/l	NH ₄ ⁺ -N μgat/l																																			
	0000							0	--	0																																			
	0005							0	0.21	0																																			
	0010							0	--	0																																			
	0015							0	0.03	0																																			
	0020							0	--	0																																			
	0030							2.69	0.07	0																																			
	0040							5.11	--	0.40																																			
	0045							5.40	0.23	0																																			
BT Slide Sk 233/399/70, N 58°15.85' E 11°22.35', Observer: Ferm																																													

11 "Skagerak"

77 Sweden

1970

Station

Tröskeln

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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	
0163	58	16	011	26	0	970	06	24	22	0060	00	015	16	12	180			2	8	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	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								
22	0000	2048	22971	1555	609					0.04	0.27	0.97	3	3							
	0005	1882	23016	1598	602					0.04	0.29	0.80									
	0010	1890	23065	1600	608					0.04	0.28	0.80									
	0015	1780	24671	1747	614					0.05	0.28	0.80									
	0020	1198	29456	2233	692					0.06	0.34	1.13									
	0030	0587	32528	2565	606					0.17	0.47	2.04									
	0040	0499	33816	2678	566					0.52	0.81	3.97									
	0050	0546	34207	2702	578					0.58	1.14	3.91									
										NO ₃ ⁻ -N μgat/l	NO ₂ ⁻ -N μgat/l	NH ₄ ⁺ -N μgat/l									
	0000									0	--	0									
	0005									0	0.06	0									
	0010									0	--	0									
	0015									0	0.03	0									
	0020									0	--	0.29									
	0030									6.05	0.03	0.64									
	0040									6.01	--	0									
	0050									4.39	0.03	1.76									

BT Slide Sk 234/399/70, N 58°15.62' E 11°26.2', Observer:Ludwig

11 "Skagerak"

77 Sweden

1970

Station

Bornö

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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
0164	58	23	011	35	0	970	06	24	24	0038	00	015	16	12	180							28	2	0
Obs. time	Obs. depth	Temp.		Sal.	σ_t		Oxygen		pH	PO ₄ -P	Tot.P	SiO ₂	Sal. method	Extra info.										
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58		59 60	61 62 63	64			77	78								
24	0000	1948	23521	1620	609					0.06	0.30	0.66	3	3										
	0005	1952	23535	1620	614					0.04	0.25	6.32												
	0010	1953	23563	1623	618					0.06	0.96	4.61												
	0015	1666	25251	1817	641					0.06	0.28	4.69												
	0020	0995	29307	2255	679					0.08	0.31	4.38												
	0025	0623	31773	2501	575					0.09	0.31	4.63												
	0030	0433	33000	2619	553					0.50	0.80	6.44												
	0035	0425	33378	2650	509					0.83	1.15	3.73												
	0000									NO ₃ ⁻ -N	NO ₂ ⁻	NH ₄ ⁺ -N												
	0005									μgat/l	μgat/l	μgat/l												
	0010									0	--	0.07												
	0015									0	0.03	0												
	0020									0	--	0												
	0025									0	0.03	0												
	0030									0	--	0												
	0035									0.53	0.12	0												
										3.45	--	0												
										6.28	0.11	0												
BT Slide Sk 235/399/70, N 58°22.9' E 11°34.7' Observer: Larsson																								

11 "Skagerak"

77 Sweden

1970

Station

Bredungen

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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
0165	58	25	011	36	0	970	06	25	01	0036	00	015	16	14	180							2	81	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	56	59	60	61	62	63
01	0000	19	59	23347	1604	628			0.07	0.31	2.41	3	3															
	0005	19	65	23365	1604	629			0.04	0.31	2.53																	
	0010	19	66	23378	1605	632			0.08	0.32	2.66																	
	0015	19	60	24281	1675	633			0.09	0.35	3.09																	
	0020	09	70	29574	2279	695			0.07	0.33	3.11																	
	0025	06	04	31962	2518	627			0.09	0.36	3.40																	
	0030	04	36	32988	2618	579			0.47	--	5.27																	
									NO ₃ ⁻ -N	NO ₂ ⁻ -N	NH ₄ ⁺ -N																	
									μgat/l	μgat/l	μgat/l																	
	0000								0	--	0																	
	0005								0	0.03	0																	
	0010								0	--	0																	
	0015								0	0.15	0																	
	0020								0	--	0																	
	0025								1.70	0.15	0																	
	0030								8.22	--	0																	
BT Slide Sk 236/399/70, N 58°24.6' E 11°36', Observer: Sen Gupta																												

11 "Skagerak"

77 Sweden

1970

Station

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		
0166	58	24	011	38	0	970	06	25	06	0061	01	015	16	12	120				68	1	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	%																
26 27	28 29 30 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	1949	22521	1545	613			0.05	0.37	2.99		3 3										
	0005	1965	23231	1594	617			0.05	0.32	1.87												
	0010	1959	23374	1606	617			0.06	0.32	2.66												
	0015	1968	23429	1608	625			0.05	0.40	2.53												
	0020	1277	28039	2109	685			0.05	0.62	2.20												
	0030	0434	32527	2581	600			0.26	0.55	5.25												
	0040	0434	33648	2671	508			0.65	1.00	7.93												
	0050	0442	34023	2699	477			0.88	1.55	9.24												
	0058	0437	34059	2703	492			0.72	1.45	8.03												
								NO ₃ ⁻ -N µgat/l	NO ₂ ⁻ -N µgat/l	NH ₄ ⁺ -N µgat/l												
	0000							0	0	1.99												
	0005							0	--	0												
	0010							0	0	0												
	0015							0	--	0												
	0020							0	0	0												
	0030							4.98	--	0												
	0040							7.10	0	0												
	0050							9.06	--	0.15												
	0058							12.53	0.05	--												
BT Slide Sk 237/11601/70, N 58°24.2' E 11°37.9', Observer: Sen Gupta																						

11 "Skagerak"

77 Sweden

1970

Station
Ormestad

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	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			
0167	58	22	011	36	0	970	06	25	07	0087	01	015	16	12	120			68	1	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	%																		
26 27	28 29 30 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	1946	23333	1606	622			0.06	0.30	1.94														
	0005	1939	23342	1609				0.06	0.37	0.58														
	0010	1924	23409	1618	622			0.07	0.36	0.97														
	0015	1946	23563	1624	627			0.07	0.32	0.58														
	0020	1084	28916	2210	695			0.10	0.78	0.72														
	0030	0432	32851	2607	585			0.42	0.79	3.21														
	0040	0433	33815	2684	566			0.74	0.75	5.25														
	0050	0425	34170	2713	556			0.79	1.11	5.62														
	0060	0405	34199	2718	539			0.88	1.26	5.78														
	0070	0384	34203	2720	525			0.80	1.28	6.28														
	0080	0379	34203	2720	564			0.74	1.31	6.03														
								NO ₃ ⁻ -N µgat/l	NO ₂ ⁻ -N µgat/l	NH ₄ ⁺ -N µgat/l														
	0000							0	0	1.94														
	0005							0	--	0.58														
	0010							0	0	0														
	0015							0	--	0														
	0020							0	0	0														
	0030							6.15	--	0.15														
	0040							8.22	0.05	0														
	0050							8.29	--	0														
	0060							8.55	0.05	0.43														
	0070							19.29	--	--														
	0080							12.60	0.09	1.73														
BT Slide Sk 238/11601/70, N 58° 22.2' E 11° 36.4' Observer: Steen																								

11 "Skagerak"

77 Sweden

1970

Station

Alsback

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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
0168	58	19	011	33	0	970	06	25	10	0115	01			18	12	170							28	1	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
10	0000	1891	23279	1615	623								0.13	0.42	0.49	3	3											
	0005	1896	23306	1616	624								0.10	0.33	0.52													
	0010	1901	23333	1617	629								0.11	0.38	0.60													
	0015	1926	23630	1634	647								0.09	0.29	0.62													
	0020	1318	28152	2110	694								0.16	0.62	0.68													
	0030	0596	32041	2374	630								0.17	0.31	1.13													
	0040	0439	33694	2512	545								0.66	0.99	4.39													
11	0050	0485	34051	2536	577								0.67	0.98	4.94													
	0060	0428	34180	2552	553								0.79	1.10	5.23													
	0070	0398	34201	2557	562								0.84	1.38	5.23													
	0080	0408	34225	2559	568								0.83	1.22	5.27													
	0090	0397	34225	2560	565								0.86	1.13	5.33													
	0100	0394	34227	2560	559								0.84	1.35	5.80													
	0110	0431	34287	2561	575								1.12	1.30	--													
													NO ₃ ⁻ -N	NO ₂ ⁻ -N	NH ₄ ⁺ -N													
													μgat/l	μgat/l	μgat/l													
10	0000												0	0.06	0													
	0005												0	--	0													
	0010												0	0.05	0													
	0015												0	--	0													
	0020												0	0.04	0													
	0030												2.33	--	0													
	0040												7.45	0.03	0													
11	0050												7.50	--	0													
	0060												9.24	0.05	0													
	0070												9.48	--	0													
	0080												9.61	0.10	0													
	0090												9.95	--	0.68													
	0100												10.09	0.08	1.21													
	0110												--	--	1.48													

BT Slide Sk 239/11601/70, N 58°19.17'E 11°32.6', Observer: Ferm

11 "Skagerak"

77 Sweden

1970

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						
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0169	58	19	011	33	0	970	06	25	14	0115	01		23	06	176								6	82	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
14	0000	1887	23128	1605	639										0.02											3	4	
	0010	1899	23270	1613	623										0.02													
	0020	1869	24161	1687	655										0.10													
	0030	0492	32452	2569	619										0.33													
	0050	0493	34113	2701	581										0.95													
	0070	0421	34196	2715	562										1.05													
	0110	0441	34322	2723	546										1.18													
BT Slide Sk		240/11601/70, N		58°19.17' E		11°32.6'		Observer: Steen																				
Secchi disk:		9 m																										

11 "Skagerak"

77 Sweden

1970

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						
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0170	58	19	011	33	0	970	06	25	18	0115	01		20	24	170											2	72	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
18	0000	1881	23148	1609	619										0.07												3	4
	0010	1888	23156	1607	618										0.11													
	0020	1628	26438	1915	686										0.12													
	0030	0532	32228	2547	614										0.22													
	0050	0414	34135	2711	561										0.85													
	0070	0403	34203	2718	551										0.99													
	0110	0441	34307	2722	548										1.11													
BT Slide Sk		241/11601/70, N		58°19.17' E		11°32.6'		Observer: Larsson																				

11 "Skagerak"
77 Sweden

1970

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	51	52					53	54
0171	58	19	011	33	0	970	06	25	22	0115	01	020	25	20	140							1	62	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P μgat/l	Sal. method	Extra info.														
					ml/l	%																		
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42 43 44 45	58 59 60	61 62 63 64			77	78														
22	0000	1873	23199	1613	614		0.04		3	4														
	0010	1879	23215	1614	601		0.08																	
	0020	1692	25903	1861	658		0.10																	
	0030	0576	32119	2533	623		0.11																	
	0050	0459	34157	2709	565		0.88																	
	0070	0396	34213	2720	552		1.03																	
	0110	0441	34325	2723	541		1.14																	
BT Slide Sk 242/11601/70, N 58°19.17' E 11°32.6' Observer: Larsson																								

11 "Skagerak"
77 Sweden

1970

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	51	52					53	54	55
0172	58	19	011	33	0	970	06	26	02	0115	01		27	18	140								11	2	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P μgat/l	Sal. method	Extra info.															
					ml/l	%																			
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42 43 44 45	58 59 60	61 62 63 64			77	78															
02	0000	1887	23304	1618	597		0.07		3	4															
	0010	1886	23310	1619	595		0.06																		
	0020	1797	25059	1772	641		0.10																		
	0030	0569	32083	2531	614		0.18																		
	0050	0456	34165	2709	550		0.86																		
	0070	0401	34215	2719	548		1.03																		
	0110	0442	34321	2723	537		0.98																		
BT Slide Sk 243/11601/70, N 58°19.17' E 11°32.6', Observer: Steen																									

13 "Thetis"

1970

Station

77 Sweden

Hydro Depth Observations (Code 03)

W Vinga

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0001	57	42	011	28	0	970	02	10	11	0046	00		05	16	99							9	99	9				
Obs. time	Obs. depth	Temp.	Sal.	σ_t		Oxygen		pH																Sol. method	Extra info.			
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78
11	0000	015	240																								4	0
	0005	015	226																									
	0010	015	260																									
	0015	026	300																									
	0020	056	329																									
	0030	061	342																									
	0040	059	342																									
	0045	065	343																									
BT Slide Th 1/358/70, Observer: Andreasson, N 57°41.7' E 11°28'																												

13 "Thetis"

1970

Station

77 Sweden

NE Skagen

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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
0002	57	51	010	57	0	970	02	11	13	0076	01		36	02	000												1	3	00
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	
13	0000	0027	25101	2015																								3	0
	0005	008	256																										
	0010	008	3245																										
	0015	008	3261																										
	0020	006	3267																										
	0030	006	3277																										
	0040	006	3286																										
	0050	004	3298																										
	0060	008	3344																										
	0070	022	3375																										
	0074	029	340																										
BT Slide Th 2/11600/70, Observer: Hernroth, N 57°51.0' E 10°56.8'																													

13 "Thetis"

77 Sweden

1970

Station

NNW Skagen

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.				N S E W	Date			Station time	Depth to bottom	Max. 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
0003	58	02	010	30	0		970	02	12	08	0140	01		20	10	X	010					1	43	0	
Obs. time	Obs. depth	Temp.	Sal.	σ _t	Oxygen		pH		Sal. method		Extra info.														
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42 43 44 45	58 59 60	61 62 63 64				77	78														
08	0000	X 005	27540	2214																					
	0005	006	29938	2401																					
	0010	038	31471	2502																					
	0015	0495	31472	2491																					
	0020	057	33324	2629																					
	0030	0635	33930	2677																					
	0040	064	34043	2677																					
	0050	067	34297	2693																					
	0075	0665	34496	2709																					
	0100	064	34772	2734																					
	0130	0455	34979	2773																					
BT Slide Th 3/11600/70, Observer: Hernroth, N 58°02.3' E 10°30.0'																									

13 "Thetis"

77 Sweden

1970

Station

NW Skagen

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.				N S E W	Date			Station time	Depth to bottom	Max. 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				
0004	58	03	010	12	0	970	02	12	11	0102	01			20	12	000						2	73	0
Obs. time	Obs. depth	Temp.				Sal.	σ_t	Oxygen				pH	Sal. method	Extra info.										
		32 33	34 35	36 37	38 39 40			41 42	43 44 45	58 59 60	61 62 63 64													
11	0000	0040			32609	2621																	3	0
	0005	007			3265																		4	
	0010	009			326																			
	0015	004			3325																			
	0020	004			3345																			
	0030	006			334																			
	0040	006			3355																			
	0050	027			3395																			
	0060	024			343																			
	0070	029			345																			
	0080	028			3475																			
	0090	029			3485																			

BT Slide Th 4/11600/70, Observer: Hemroth, N 58°02.5' E 10°11.9'

13 "Thetis"

77 Sweden

1970

Station

N Hirtshals

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																					
	5	6	7	8	9	10		11	12	13					14	15	16	17	18	19					20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0005	57	54	009	57	0	970	02	12	15	0062	01				18	10	X	020							14	3	0																		
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Sal. method	Extra info.																																				
26	27	28	29	30	31	32				33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
15	0000	X057	32488	2612																						3	0																		
	0005	X08	3275																							4																			
	0010	X06	3275																																										
	0015	001	3325																																										
	0020	007	3345																																										
	0030	026	338																																										
	0040	023	343																																										
	0050	022	344																																										
	0060	025	346																																										
BT Slide Th 5/11600/70, Observer: Hernroth, N 57°53.6' E 09°57.1'																																													

13 "Thetis"

77 Sweden

1970

Station

Skagbanken

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N 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
0006	57	43	010	09	0	970	02	13	07	0047	00				07	10	X	020							27	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														
07	0000	X08	32371	2604																						3	0																		
	0005	X11	3235																							4																			
	0010	X12	325																																										
	0015	X11	3255																																										
	0020	X12	325																																										
	0030	X10	3245																																										
	0040	X09	3255																																										
	0043	024	3375																																										
BT Slide Th 6/358/70, Observer: Hernroth, N 57°43.4' E 10°08.8'																																													

13 "Thetis"

1970

Station

77 Sweden

Hydro Depth Observations (Code 03)

NW Skagen

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															
	5	6	7	8	9	10	11		12	13	14					15	16	17	18	Year	Mo.					Day	Dir.	Sp. kn.	Dry bulb	Wet bulb	55	56	57	58	59	60	61	62	63	64
																				19	20					21														
0007	57	51	010	28	0	970	02	13	11	0101	01				05	16	000					16	3	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			77	78										
11	0000	0115		32537	2608																																			
	0005	012		32523	2606																																			
	0010	012		32551	2609																																			
	0015	012		32532	2607																																			
	0020	006		331																																				
	0030	032		335																																				
	0040	038		3405																																				
	0050	020		340																																				
	0060	017		339																																				
	0075	021		3405																																				
	0080	019		3405																																				
	0090	018		3405																																				
BT Slide Th 7/11600/70, Observer: Hennroth, N 57°51.4' E 10°28.3'																																								

13 "Thetis"

1970

Station

77 Sweden

Hydro Depth Observations (Code 03)

NW Hirtshals

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															
	5	6	7	8	9	10	11		12	13	14					15	16	17	18	Year	Mo.					Day	Dir.	Sp. kn.	Dry bulb	Wet bulb	55	56	57	58	59	60	61	62	63	64
																				19	20					21														
0008	57	43	009	44	0	970	02	24	13	0039	00				11	20	X	20				2	75	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			77	78										
13	0000	X 002		336																																				
	0005	X 002		3365																																				
	0010	X 002		3372																																				
	0015	X 002		3386																																				
	0020	003		340																																				
	0030	010		3430																																				
	0035	010		3430																																				
BT Slide Th 8/358/70, Observer: Ackefors, N 57°42.9' E 09°44.3'																																								

13 "Thetis"

77 Sweden

1970

Station

Marstrandfjord

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice			
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58	59 60
0011	57	55	011	34	0	970	02	26	15	0033	00			07	08	X	030						2	71	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									
14	0000	X	012	217																				4	0
	0005	X	014	2278																					
	0010	X	010	240																					
	0015	000		251																					
	0020	030		321																					
	0025	035		3365																					
	0030	038		3439																					
BT Slide Th 11/358/70, Observer: Ackefors, N 57°54.4' E 11°33.7'																									

13 "Thetis"

77 Sweden

1970

Station

W Hönö huvud

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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
0012	57	42	011	31	0	970	02	27	09	0052	00			05	14	X	40								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											
09	0000	X	013	234																					4	0	
	0005	X	015	2255																							
	0010	X	009	2375																							
	0015	X	003	2535																							
	0020	026		320																							
	0030	035		3382																							
	0040	040		3437																							
	0050	040		3478																							
BT Slide Th 12/358/70, Observer: Ackefors, N 57° 42.4' E 11°30.5'																											

13 "Thetis"

77 Sweden

1970

Station

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 59
0013	57	39	011	27	0	970	03	02	11	0091	01	008	32	06	000							1	12	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								
11	0000	009	23963	1926	951					0.54		3	8											
	0005	0087	23924	1922	966					0.52														
	0010	0061	24165	1951	934					0.68														
	0015	0143	30322	2426	760					0.60														
	0020	0415	32806	2605	675					0.62														
	0030	0383	33989	2702	694					0.80														
	0040	0399	34491	2740	692					0.73														
	0050	0394	34654	2753	691					0.68														
	0075	0361	34667	2758	697					0.71														
	0085	0363	34670	2758	692					0.78														
Observer: Engström										BT Slide Th 13/11600/70														
										N 57° 38.5'														
										E 11° 26.6'														

13 "Thetis"

77 Sweden

1970

Station

Marstrandfjor.

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N 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
0014	57	54	011	32	0	970	03	02	13	0035	00	009	32	06	005							1	12	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								
13	0000	0093	23884	1919	990							3	0											
	0005	0102	24283	1952	991																			
	0010	0056	27185	2183	858																			
	0015	0344	32926	2621	687																			
	0020	0405	33941	2696	673																			
	0030	0395	34705	2758	674																			
										BT Slide Th 14/358/70														
										Observer Engström														

13 "Thetis"

77 Sweden

1970

Station

P 1

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice			
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55
0015	57	53	011	25	0	970	03	02	14	0065	00	010	32	06	000							1	1	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									
14	0000	0092	24144	1939	980					0.54														3	8
	0005	0094	24651	1982	971					0.55															
	0010	0047	26013	2090	891					0.61															
	0015	0365	31544	2509	678					0.80															
	0020	0562	31924	2518	629					0.73															
	0030	0498	33603	2659	652					0.77															
	0040	0396	33886	2693	696					0.77															
	0050	0378	34395	2735	673					0.82															
											BT Slide Th 15/358/70														
											Observer Engström														

13 "Thetis"

77 Sweden

1970

Station

P 1 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				
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56
0016	57	52	011	21	0	970	03	02	15	0064	01	009	32	06	000											
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Tot.P		Sal. method	Extra info.															
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58			59 60	61 62 63	64	77	78										
15	0000	0084	24575	1976	971																					
	0005	0089	24547	1973	983																					
	0010	0009	27064	2174	834																					
	0015	0313	31784	2533	716																					
	0020	0487	33552	2656	663																					
	0030	0510	34128	2699	672																					
	0040	0558	34708	2739	642																					
	0050	0404	34768	2762	686																					
	0060	0423	34845	2766	661																					
N 57°52.3' E 11°21'											Observer: Engström															
											BT Slide Th 16/358/70															

13 "Thetis"

77 Sweden

1970

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	51 52	53 54				
0017	57	52	011	18	0	970	03	02	15	0100	01	009	32	06	000					1	12	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							
15	0000	X090	24447	1965	981				0.48		3	8										
	0005	X097	24434	1964	978				0.56													
	0010	0080	29208	2343	806				0.71													
	0015	0401	32450	2578	686				0.80													
	0020	0519	33469	2646	657				0.68													
	0030	0467	34282	2716	667				0.71													
	0040	0480	34475	2731	675				0.68													
	0050	0356	34448	2742	692				0.75													
	0075	0318	34568	2755	696				0.84													
	0090	0333	34613	2756	692				0.86													
Observer: Engström										BT Slide Th 17/11600/70												

13 "Thetis"

77 Sweden

1970

Station

P 2 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	
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56
0018	57	51	011	15	0	970	03	02	16	0070	01	006	32	06	000					11	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									
16	0000	X076	24209	1945	975																		
	0005	X085	24137	1939	977																		
	0010	0133	30018	2405	773																		
	0015	0198	32570	2605	744																		
	0020	0457	33694	2671	665																		
	0030	0488	34336	2719	669																		
	0040	X0265	34660	X2767	718																		
	0050	0381	34699	2759	677																		
	0065	0385	34706	2759	678																		
N 57° 51.4' E 11° 14.9' Observer: Engström										BT Slide Th 18/358/70													

13 "Thetis"

77 Sweden

1970

Station

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	51 52	53 54					55 56
0019	57	50	011	04	0	970	03	02	17	0051	00	003	23	04	X	010					12	2	0
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	Tot.P		Sal. method	Extra info.											
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45		56	59 60			61 62 63	64	77	78							
17	0000	0101	33170	2659	800					0.68		3	8										
	0005	0062	33609	2697	800					0.70													
	0010	0053	33632	2699	794					0.70													
	0015	0032	33630	2700	796					0.70													
	0020	0023	33629	2701	805					0.71													
	0030	0179	34018	2722	761					0.77													
	0040	0229	34129	2727	743					0.84													
	0045	0238	34157	2729	739					0.90													
												BT Slide Th 19/358/70											
												Observer Engström											

13 "Thetis"

77 Sweden

1970

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	51 52	53 54					55 56	57 58
0020	57	48	010	52	0	970	03	02	18	0060	00	002	18	04	X	005					1	2	2	0
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	Tot.P		Sal. method	Extra info.												
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45		56	59 60			61 62 63	64	77	78								
18	0000	0066	27543	2211	896					0.49		3	8											
	0005	0125	33215	2662	774					0.75														
	0010	0072	33601	2696	792					0.78														
	0015	0066	33671	2702	789					0.78														
	0020	0079	33728	2706	789					0.80														
	0030	0095	33783	2706	784					0.86														
	0040	0103	33787	2709	785					0.86														
	0050	0106	33788	2709	784					0.90														
												BT Slide Th 20/358/70												
												Observer Engström												

13 "Thetis"

77 Sweden

1970

Station

M 6

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.				N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	o	'	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54				
0022	58	10	009	30	0	970	03	03	00	0645	06	000	00	00	000					0	02	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								
01	0000	008		31453	2523			829		0.66		3	8											
	0005	0191		32674	2613			787		0.62														
	0010	0260		33123	2644			756		0.55														
	0015	0304		33368	2660			735		0.60														
	0020	0409		33787	2684			703		0.62														
	0030	0434		33973	2695			697		0.64														
	0040	0531		34274	2708			666		0.68														
	0050	0577		34460	2718			658		0.62														
	0075	0644		34770	2733			613		0.70														
	0100	0542		34800	2749			633		0.74														
	0125	0588		34858	2749			634		0.80														
00	0150	0646		35012	2752			598		0.90														
	0200	0628		35092	2761			586		0.86														
	0300	0598		35143	2769			587		0.90														
	0400	0506		35040	2772			631		0.90														
	0500	0543		35125	2775			613		0.97														
	0600	0531		35116	2775			617		1.00														
												BT Slide Th 22/11600/70												
												Observer Engström												

13 "Thetis"

Station

77 Sweden

1970

R 45

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56	57	58 59	60	61	62	63	64
0023	58	16	009	58	0	970	03	03	03	0520	05	008	18	02	X	010			0	0	0	00
Obs. time	Obs. depth	Temp.		Sal.	σ _t		Oxygen		pH		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								
03	0000	X	0115	24901	2002		963						3	0								
	0005	X	0096	24880	2001		965															
	0010	X	0017	26278	2111		916															
	0015		0129	33016	2645		778															
	0020		0223	33368	2666		738															
	0030		0396	34067	2707		706															
	0040		0619	34599	2723		642															
	0050		0671	34599	2717		631															
	0075		0528	34671	2741		659															
	0100		0574	34813	2746		636															
	0125		0691	35096	2753		575															
	0150		0666	35120	2758		575															
	0200		0631	35127	2763		580															
	0300		0559	35090	2769		609															
	0400		0566	35100	2769		597															
	0500		0471	35016	2775		653															

BT Slide Th 23/11600/70
 N 58° 16.4'
 E 09° 57.5'
 Observer Engström

13 "Thetis"

77 Sweden

1970

Station

Å 18B

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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
0024	58	16	010	11	0	970	03	03	04	0470	04	008	16	08	010				00	11		
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					
04	0000	X 0116	25228	2028					985				0.38									3 8
	0005	X 0116	25240	2029					982				0.45									
	0010	0123	28447	2281					829				0.52									
	0015	0074	32745	2627					776				0.76									
	0020	0074	33154	2659					787				0.71									
	0030	0418	33926	2694					680				0.66									
	0040	0491	34240	2710					676				0.66									
	0050	0586	34615	2729					646				0.68									
	0075	0657	34858	2739					624				0.70									
	0100	0518	34761	2749					656				0.71									
	0125	0679	35089	2753					581				0.86									
	0150	0654	35113	2759					582				0.87									
	0200	0589	35057	2763					606				0.82									
	0300	0556	35091	2769					612				0.88									
	0400	0572	35151	2773					596				0.98									
	0450	0445	34975	2774					672				0.75									
											BT Slide Th 24/11600/70											
											Observer Engström											

13 "Thetis"

77 Sweden

1970

Station

Å 17

Hydro Depth Observations (Code 03)

Station No.				Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice				
5	6	7	8	9	10	11	12	13	14		15	16	17					18	Year	Mo.	Day	Dir.	Sp. kn.					Dry bulb	Wet bulb	55	56
00	25	58	15	01	0	34	0	97	0	3	0	97	03	03	07	0280	03	000	16	10	X	010							1	62	0
Obs. time	Obs. depth	Temp.	Sol.	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	X 0051	26709	2147		911						3		0																	
	0005	0001	26971	2167		899																									
	0010	X 0052	31861	2562		864																									
	0015	X 0036	32524	2614		845																									
	0020	X 0014	33404	2684		816																									
	0030	0103	34107	2734		777																									
	0040	0114	34252	2745		776																									
	0050	0313	34580	2756		723																									
	0065	0360	34710	2761		713																									
	0090	0209	34609	2767		756																									
	0115	0269	34674	2767		740																									
	0140	0328	34763	2769		716																									
	0190	0353	34794	2769		705																									
	0275	0326	34823	2774		711																									

BT Slide Th 25/11600/70
 N 58° 14.5'
 E 10° 34'
 Observer Engström

13 "Thetis"

77 Sweden

1970

Station

Å 17

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.				N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice												
	°	'	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58	59	60	61	62	63	64
0025	58	15	010	34	0	970	03	03	07	0280	03	000	16	10	X 010										1	62	0									

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

07	0000	X 051	26709	2147	911				
	0005	0001	26971	2167	899				3 0
	0010	X 052	31861	2562	864				
	0015	X 036	32524	2614	845				
	0020	X 014	33404	2684	816				
	0030	0103	34107	2734	777				
	0040	0114	34252	2745	776				
	0050	0313	34580	2756	723				
	0065	0360	34710	2761	713				
	0090	0209	34609	2767	756				
	0115	0269	34674	2767	740				
	0140	0328	34763	2769	716				
	0190	0353	34794	2769	705				
	0275	0326	34823	2774	711				

BT Slide Th 25/11600/70
 N 58° 14.5'
 E 10° 34'
 Observer Engström

13 "Thetis"

77 Sweden

1970

Station

Å 16

Hydro Depth Observations (Code 03)

Station No.		Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																						
		o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58	59	60	61	62	63	64										
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	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	26	58	16	010	44	0	970	03	03	08	0208	02	005	16	12	X	025																									28	2	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	00	10	27	179	21	84	891	0.48																																				
	0005	00	29	27	471	22	06	877	0.52																																				
	0010	00	89	29	050	23	30	833	0.66																																				
	0015	00	12	31	602	25	38	820	0.90																																				
	0020	X	078	32	732	26	32	827	0.84																																				
	0030	X	019	33	088	26	59	806	0.76																																				
	0040	04	01	33	993	27	00	699	0.73																																				
	0050	05	07	34	389	27	21	664	0.71																																				
08	0075	04	47	34	344	27	23	682	0.73																																				
	0100	04	78	34	668	27	46	674	0.75																																				
	0125	05	52	34	906	27	56	638	0.75																																				
	0150	04	72	34	893	27	64	660	0.70																																				
	0175	04	24	34	844	27	65	678	0.72																																				
	0200	04	22	34	840	27	66	679	0.77																																				
										BT Slide Th 26/11600/70																																			
										N 58° 16'																																			
										E 10° 43.5'																																			
										Observer Engström																																			

13 "Thetis"

77 Sweden

1970

Station

Å 15

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0027	58	18	10	51	0	970	03	03	10	0133	01	000	16	14	X	030							4	83	0			
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Sal. method	Extra info.																			
26	27	28	29	30	31	32				33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63
10	0000	X08	25633	2059	928																					3	0	
	0005	0023	26871	2158	900																							
	0010	0087	29474	2363	829																							
	0015	0087	31501	2527	802																							
	0020	0049	32435	2604	792																							
	0030	0483	33714	2669	671																							
	0040	0496	34006	2692	676																							
	0050	0445	34121	2706	675																							
	0075	0418	34621	2749	694																							
	0100	0451	34837	2762	667																							
	0125	0441	34877	2767	663																							

BT Slide Th 27/11600/70
 N 58° 17.7'
 E 10° 51'
 Observer Engström

13 "Thetis"

77 Sweden

Station

Å 14

1970

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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
0028	58	19	010	57	0	970	03	03	10	0112	01	005	18	14	X	030											2	83	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
10	0000	X 0085	25253	2029	947																								3	8
	0005	X 0082	25198	2025	945																									
	0010	0090	29112	2334	793																									
	0015	0355	31911	2540	696																									
	0020	0454	33304	2640	693																									
	0030	0530	33946	2683	657																									
	0040	0435	34081	2704	690																									
	0050	0469	34315	2719	676																									
	0075	0445	34664	2749	678																									
	0100	0398	34797	2765	681																									
N 58°19' 10" E 56.5'											Observer: Engström											BT Slide Th 28/11600/70								

13 "Thetis"

77 Sweden

Station

Å 13

1970

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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
0029	58	20	011	02	0	970	03	03	11	0090	01	008	16	14	X	040															2	83	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		
11	0000	X 0111	25066	2015	977																											3	0
	0005	X 0113	25019	2011	973																												
	0010	X 0045	26682	2144	863																												
	0015	0490	32870	2602	657																												
	0020	0616	34066	2682	623																												
	0030	0643	34419	2706	613																												
	0040	0535	34427	2720	659																												
	0050	0520	34558	2733	657																												
	0075	0443	34797	2760	668																												
N 58°20.2' E 11°02'											Observer: Engström											BT Slide Th 29/11600/70											

13 "Thetis"

77 Sweden

1970

Station

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	51	52					55	56	57	58
0030	58	20	011	06	0	970	03	03	12	0049	00	008	16	14	X	040								28	3	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	ml/l	%	μ gat/l	77	78							
12	0000	X 118	25337	2037	984							0.46													3	8
	0005	X 118	25303	2034	967							0.46														
	0010	X 111	25471	2047	977							0.48														
	0015	0452	32570	2582	659							0.78														
	0020	0549	33507	2646	647							0.71														
	0030	0563	34250	2703	634							0.77														
	0040	0530	34642	2737	642							0.82														
												BT Slide Th 30/358/70														
												N 58° 20.2'														
												E 11° 06.1'														
												Observer Engström														

13 "Thetis"

77 Sweden

1970

Station

Å 11

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					55	56	57	58	59	60
0031	58	20	011	10	0	970	03	03	12	0050	00	010	16	10	X	040										2	8	1
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	ml/l	%	μ gat/l	77	78									
12	0000	X 111	25266	2031	985							0.45														3	8	
	0005	X 111	25226	2028	984							0.48																
	0010	X 109	25280	2032	978							0.43																
	0015	0368	31653	2517	695							0.76																
	0020	0568	33626	2653	620							0.84																
	0030	0597	34417	2712	613							0.86																
	0040	0545	34633	2735	633							0.88																
	0045	0543	34661	2737	636							0.90																
												BT Slide Th 31/358/70																
												Observer Engström																

13 "Thetis"

Station

77 Sweden

1970

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
0032	58	16	011	22	0	970	02	02	13	0049	00	010	16	10	X	020													2	8	1														
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													
13	0000	X	0107	24356	1958	X	005																									3	8												
	0005	X	0111	24290	1952	X	012																																						
	0010	X	0060	24848	1998	X	952																																						
	0015		0433	32254	2558		642																																						
	0020		0486	33335	2640		621																																						
	0030		0530	34345	2715		634																																						
	0045		0520	34701	2744		627																																						
													BT Slide Th 32/358/70 N 58° 15.85' E 11° 22.35' Observer Engström																																

13 "Thetis"

Station

77 Sweden

1970

Tröskeln

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.			N S E W	Date			Station time	Depth to bottom	Max. 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
0033	58	16	011	26	0	970	03	03	14	0051	00	006	16	04	X	020																													
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													
14	0000	X	0100	24141	1939	X	030																																						
	0005	X	0090	24320	1954	X	012																																						
	0010		0025	26363	2116		838																																						
	0015		0548	32907	2599		585																																						
	0020		0566	33573	2649		584																																						
	0030		0566	33966	2680		574																																						
	0040		0521	34249	2708		616																																						
	0049		0523	34519	2729		620																																						
													N 58° 15.62' E 11° 26.2' Observer: Engström BT Slide Th 33/358/70																																

13 "Thetis"
77 Sweden

1970

Station
Väderö 2

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																																																																					
0034	58	34	010	57	0	970	03	04	09	0067	01	010	09	06	X	010		7	82	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																																																																																			
09	0000	X	0120	25210	2026	984			0.46		3	8	0005	X	0121	25168	2023	985		0.46				0010	X	0117	25377	2040	970				0.45				0015	0095	30506	2447	781					0.66				0020	0404	32674	2595	675					0.72				0030	0687	34197	2683	583					0.75				0040	0613	34434	2710	605					0.78				0050	0587	34475	2718	621					0.81				0060	0561	34559	2727	630					0.90			
N 58°33.7' E 10°57.4' Observer: Engström										BT Slide Th 34/11600/70																																																																																																								

13 "Thetis"
77 Sweden

1970

Station
Väderö 3

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																																																																																																																															
0035	58	33	010	54	0	970	03	04	10	0080	01	011	09	10	X	010		7	8	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	X	0117	25254	2030	958														3	0	0005	X	0116	25195	2026	960												0010	X	0100	25556	2054	953															0015	0356	31450	2503	684															0020	0339	32887	2619	709															0030	0584	34184	2695	581															0040	0589	34438	2715	620															0050	0528	34573	2732	641															0075	0506	34735	2748	646														
N 58°33.2' E 10°53.7' Observer: Engström										BT Slide Th 35/11600/70																																																																																																																																																																		

13 "Thetis"

1970

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		28	29	30			31	Dir.	Sp. kn.	Dry bulb	Wet bulb	51					52	53	54	55	56
0036	58	33	010	48	0	970	03	04	10	0110	01	000	14	18	010												7	84	0
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	Tot.P µgat/l		Sal. method	Extra info.																	
26 27	28 29 30 31	32 33	34 35	36 37	38 39	40	41 42	43 44	45	58			59	60	61	62	63	64	77	78									
10	0000	0070		25667	2055		920			0.41		3	8																
	0005	0062		25612	2058		915			0.41																			
	0010	0011		26623	2139		907			0.45																			
	0015	0508		32831	2597		646			0.80																			
	0020	0510		33733	2668		669			0.70																			
	0030	0414		33986	2699		693			0.68																			
	0040	0512		34293	2712		661			0.70																			
	0050	0504		34374	2719		661			0.73																			
	0075	0464		34753	2754		679			0.70																			
	0100	0436		34814	2761		666			0.81																			
N 58°32.5' E 10°48' Observer: Engström											BT Slide Th 36/11600/70																		

13 "Thetis"

1970

Station

77 Sweden

Hydro Depth Observations (Code 03)

Väderö 5

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom			Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice					
	°	'	°	'		Year	Mo.	Day		28	29	30			31	Dir.	Sp. kn.	Dry bulb	Wet bulb	51					52	53	54	55	56
0037	58	32	010	41	0	970	03	04	12	0136	01	009	16	16	010												7	84	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	008		25684	2064		918					3	0																
	0005	0070		25617	2059		926																						
	0010	0005		27278	2191		879																						
	0015	0282		31683	2528		724																						
	0020	0370		32288	2568		693																						
	0030	0472		33345	2642		676																						
	0040	0105		33725	2704		774																						
	0050	0483		34496	2732		671																						
	0075	0360		34576	2751		699																						
	0100	0436		34819	2762		663																						
	0125	0432		34817	2763		667																						
N 58°31.6' E 10°40.2' Observer: Engström											BT Slide Th 37/11600/70																		

13 "Thetis"

77 Sweden

1970

Hydro Depth Observations (Code 03)

Station

Väderö 6

Station No.		Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																														
5	6	7	8	9	10		11	12	13					14	15	16	17	18	19					20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
0038		58	31	010		33	0	970	03	04	13	0210	02	007	16	20	005					2	84	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																						
13	0000	X008		26781	2152			903		0.50																																											
	0005	X008		26775	2152			894		0.50																																											
	0010	0095		28768	2307			815		0.57																																											
	0015	0083		30425	2440			810		0.86																																											
	0020	X022		32531	2614			811		0.87																																											
	0030	0033		33244	2668			797		0.71																																											
	0040	0193		33552	2684			757		0.66																																											
	0050	0384		34226	2721			707		0.58																																											
	0075	0447		34521	2737			685		0.66																																											
	0100	0531		34913	2759			641		0.68																																											
	0125	0424		34829	2765			678		0.66																																											
	0150	0421		34830	2765			676		0.77																																											
	0175	0423		34831	2765			673		0.84																																											
	0200	0423		34813	2763			671		0.93																																											
												BT Slide Th 38/11600/70																																									
												N 58° 30.7'																																									
												E 10° 33.3'																																									
												Observer Engström																																									

13 "Thetis"

1970

Station

77 Sweden

Hydro Depth Observations (Code 03)

Väderö 8

Station No.	Lat.		Long.				N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice					
	°	'	°	'	°	W		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57
0039	58	29	010	18	0		970	03	04	15	0420	04	011	16	08	000									1	43	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
16	0000	X0069	26772	2152			931																					3	8
	0005	X0056	26712	2147			930																						
	0010	X0044	28985	2330			904																						
	0015	0089	31619	2536			796																						
	0020	0136	32731	2622			764																						
	0030	0203	33466	2676			752																						
	0040	0244	33955	2712			739																						
	0050	0438	34391	2728			685																						
	0075	0566	34733	2741			659																						
	0100	0528	34841	2754			655																						
15	0125	0605	35026	2759			605																						
	0150	0422	34826	2765			688																						
	0175	0479	34947	2768			655																						
	0200	0470	34947	2769			663																						
	0300	0439	34951	2773			671																						
	0400	0384	34898	2774			683																						
												BT Slide Th 39/11600/70																	
												N 58° 28.8'																	
												E 10° 18.4'																	
												Observer Engström																	

13 "Thetis"

77 Sweden

1970

Station

Väderö 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	51	52					53	54	55
0040	58	26	010	00	0	970	03	04	18	0560	05			14	10	005									28	3	0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Tot.P		Obs. method	Extra info.																	
26	27	28	29	30	31	32		33	34			35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63
19	0000	0091	25495	2049			963		0.45																	3	8	
	0005	0101	25439	2044			973		0.43																			
	0010	0069	28399	2280			815		0.55																			
	0015	0145	30433	2437			760		0.55																			
	0020	0137	32805	2628			763		0.73																			
	0030	0249	33331	2662			745		0.65																			
	0040	0318	33560	2674			727		0.66																			
	0050	0498	34006	2691			679		0.65																			
	0075	0566	34450	2719			655		0.65																			
	0100	0623	34748	2735			637		0.69																			
18	0125	0576	34798	2745			644		0.77																			
	0150	0688	35091	2753			578		0.83																			
	0200	0644	35116	2761			580		0.85																			
	0300	0594	35121	2768			595		0.90																			
	0400	0570	35149	2773			596		0.93																			
	0500	0540	35119	2775			616		0.93																			
										BT Slide Th 40/11600/70																		
										N 58° 26.4'																		
										E 09° 59.9'																		
										Observer Engström																		

13 "Thetis"

77 Sweden

1970

Hydro Depth Observations (Code 03)

Station

R 43

Station No.	Lat.			Long.				N S E W	Date			Station time	Depth to bottom	Max. 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
0041	58	24	009	46	0		970	03	04	21	0650	06				14	10	000								2	83	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
22	0000	X	007	25360	2038					963						0.43												38
	0005	X	0075	25320	2034					961																		
	0010		0178	31153	2494					756						0.80												
	0015		0264	32422	2587					734																		
	0020		0360	32484	2584					720						0.76												
	0030		0180	33129	2651					762																		
	0040		0328	33520	2670					726																		
	0050		0428	33855	2687					702						0.63												
	0075		0565	34389	2714					662																		
	0100		0622	34781	2737					635																		
21	0125		0709	35028	2746					599																		
	0150		0669	35050	2752					595																		
	0200		0647	35128	2761					582																		
	0300		0596	35142	2769					593																		
	0400		0577	35156	2773					604																		
	0500		0563	35160	2775					602																		
	0600		0562	35159	2775					610						0.93												
													BT Slide Th 41/11600/70															
													N 58° 23.7'															
													E 09° 45.8'															
													Observer Engström															

13 "Thetis"

77 Sweden

1970

Hydro Depth Observations (Code 0 3)

Station

W Vinga

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54				
0042	57	39	011	27	0	970	03	31	12	0091	01	000	14	12	010					7	83	1

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Tot.P μ gat/l	Sal. method	Extra info.	
					ml/l	%					
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42 43 44 45	58	59 60	61 62 63 64		77	78	
11	0000	0150	24874	1993		871		0.53	3	8	
	0005	0170	27349	2190		880		0.61			
	0010	0223	33428	2671		826		0.51			
	0015	0228	33544	2680		832		0.65			
	0020	0237	33601	2683		822		0.53			
	0030	0233	33654	2687		796		0.51			
	0040	0245	33720	2693		819		0.60			
	0050	0228	33883	2707		802		0.67			
	0075	0252	34069	2720		791		0.68			
	0088	0259	34226	2732		748		0.92			
N 57°38.5' E 11°26.6'							Observer: Engström		BT Slide Th 42/11600/70		

13 "Thetis"

77 Sweden

1970

Hydro Depth Observations (Code 0 3)

Station

Marstrandsfjord

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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				
0043	57	54	011	32	0	970	03	31	13	0036	00	003	09	14	010					7	82	0

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Sal. method	Extra info.	
					ml/l	%				
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42 43 44 45	58	59 60	61 62 63 64		77	78
13	0000	0134	26270	2106		895			3	0
	0005	0176	29471	2358		898				
	0010	0187	32960	2637		772				
	0015	0207	33400	2670		764				
	0020	0237	33829	2702		766				
	0030	0264	34160	2727		763				
	0034	0231	34219	2733		761				
BT Slide Th 43/358/70							Observer Engström			

13 "Thetis"
77 Sweden

1970

Station
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	51 52	53 54					55 56	57 58 59	60
0044	57	53	011	25	0	970	03	31	14	0068	00	000	09	16	015								27	3	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Tot.P μ gatl	Sal. method	Extra info.															
26 27	28 29 30 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	0151	26668	2137		878		0.59				3	8												
	0005	0182	30124	2410		884		0.92																	
	0010	0299	33289	2654		852		0.74																	
	0015	0310	33650	2682		813		0.80																	
	0020	0298	33880	2701		787		0.67																	
	0030	0277	34122	2722		783		0.71																	
	0040	0310	34315	2735		768		0.74																	
	0050	0310	34337	2736		765		0.69																	
										BT Slide Th 44/11600/70															
										Observer Engström															

13 "Thetis"
77 Sweden

1970

Station
P 1 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 56	57 58 59	60
0045	57	52	011	21	0	970	03	31	14	0068	01	000	07	14	020								2	83	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Sal. method	Extra info.																
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42				43 44 45	58	59 60	61 62 63	64	77	78									
14	0000	0148	26837	2150		872						3	0												
	0005	0166	29549	2366		892																			
	0010	0193	32833	2626		846																			
	0015	0195	33511	2680		820																			
	0020	0183	33685	2695		813																			
	0030	0288	33904	2704		787																			
	0040	0265	34121	2723		786																			
	0050	0317	34328	2736		770																			
	0060	0338	34405	2740		755																			
N 57° 52.3' E 11° 21.0'										Observer: Engström															
										BT Slide Th 45/11600/70															

13 "Thetis"

Station

77 Sweden

1970

P 2

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56
0046	57	52	011	18	0	970	03	31	15	0097	01	000	09	12	020						7	73	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							
15	0000	0152	25909	2076	867					0.55		3	8										
	0005	0179	32057	2566	946					0.65													
	0010	0251	33341	2661	838					0.75													
	0015	0175	33552	2684	802					0.70													
	0020	0154	33616	2692	816					1.11													
	0030	0162	33828	2708	806					0.60													
	0040	0186	33960	2717	819					0.77													
	0050	0185	33971	2718	793					0.69													
	0075	0319	34305	2734	767					0.50													
	0090	0340	34444	2742	739					0.62													
Observer: Engström										BT Slide Th 46/11600/70													

13 "Thetis"

Station

77 Sweden

1970

P 2 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 56	57 58
0047	57	51	011	15	0	970	03	31	16	0069	01	005	09	12	020						7	73	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								
16	0000	0159	25922	2087	866																			
	0005	0176	32361	2590	937																			
	0010	0213	33388	2669	824																			
	0015	0220	33594	2684	818																			
	0020	0220	33666	2690	816																			
	0030	0186	33736	2698	813																			
	0040	0210	33878	2708	801																			
	0050	0232	34010	2716	790																			
	0065	0254	34119	2724	793																			
N 57°51.4' E 11°14.9' Observer: Engström										BT Slide Th 47/11600/70														

13 "Thetis"

Station

77 Sweden

1970

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
0048	57	50	011	04	0		970	03	31	17	0049	00	000	09	12	020			2	83	0																								
Obs. time	Obs. depth	Temp.	Sal.	σ_t		Oxygen		pH	Tot.P µgat/l	Sal. method	Extra info.																																		
26	27	28	29	30	31	32	33					34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78													
17	0000	0167	26563	2127		857			0.22		3	8																																	
	0005	0197	32582	2606		844			0.61																																				
	0010	0158	33463	2679		831			0.67																																				
	0015	0160	33632	2692		831			0.67																																				
	0020	0181	33949	2716		787			0.54																																				
	0030	0255	34066	2720		784			0.58																																				
	0040	0306	34180	2724		780			0.58																																				
	0045	0308	34254	2730		774			0.80																																				
											Observer: Engström																																		

13 "Thetis"

Station

77 Sweden

1970

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
0049	57	48	010	52	0		970	03	31	18	0058	00		07	20	020			2	84	0																								
Obs. time	Obs. depth	Temp.	Sal.	σ_t		Oxygen		pH	Tot.P µgat/l	Sal. method	Extra info.																																		
26	27	28	29	30	31	32	33					34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78													
18	0000	0165	27585	2210		852			0.51		3	8																																	
	0005	0192	32966	2637		839			0.67																																				
	0010	0148	33538	2686		838			0.59																																				
	0015	0137	33658	2696		823			0.59																																				
	0020	0137	33662	2696		824			0.66																																				
	0030	0156	33820	2707		804			0.65																																				
	0040	0166	33837	2708		791			0.69																																				
	0050	0224	33986	2716		814			0.75																																				
											Observer: Engström																																		
											BT Slide Th 49/358/70																																		

13 "Thetis"

77 Sweden

1970

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	58	59					60	61	62	63
0050	57	48		010	42		0	970	03	31	19	0082	01	019	07	24	015							78	4	0		
Obs. time	Obs. depth	Temp.		Sal.	O _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
19	0000	0157	31296	2505	830					0.66			3	8														
	0005	0145	33282	2666	820					0.69																		
	0010	0147	33725	2701	811					0.66																		
	0015	0148	33734	2701	809					0.63																		
	0020	0164	33787	2705	811					0.63																		
	0030	0300	34195	2726	787					0.63																		
	0040	0287	34231	2730	773					0.67																		
	0050	0352	34401	2737	788					0.59																		
	0075	0377	34623	2753	748					0.58																		
														BT Slide Th 50/11600/70														
														Observer Engström														

13 "Thetis"

77 Sweden

1970

Station

M 6

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	o	'	''	o	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54
0051	58	10		009	30	0		970	04	01	22	0640	06	000	02	08	000							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	μ gat/l	77	78										
23	0000	0353		33592	2673			740		829	0.69														3	3
	0005	0358		33598	2674			750		828	0.77															
	0010	0358		33599	2674			745		828	0.77															
	0015	0359		33605	2674			736		828	0.70															
	0020	0360		33607	2674			742		828	0.76															
	0030	0426		33964	2695			692		825	0.76															
	0040	0455		34073	2701			683		821	0.85															
	0050	0459		34282	2717			685		823	0.76															
	0075	0576		34731	2738			652		822	0.80															
	0100	0600		34898	2748			647		822	0.87															
22	0125	0584		34950	2755			635		817	0.86															
	0150	0600		35036	2760			642		822	0.91															
	0200	0574		35061	2766			628		822	0.98															
	0300	0536		35063	2770			641		822	0.90															
	0400	0553		35126	2773			636		818	1.00															
	0500	0548		35133	2774			626		819	1.00															
	0600	0474		35027	2775			674		822	0.85															

BT Slide Th 51/11600/70
Observer Engström

13 "Thetis"

Station

77 Sweden

1970

R 45

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice				
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56
0052	58	16	009	58	0	970	04	02	01	0520	05	006	02	10	005								0	03	0	
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH																Sol. method	Extra info.	
		32	33			34	35																			36
02	0000	0125	30016	2405	832																					
	0005	0127	29999	2404	831																					
	0010	0246	32548	2600	751																					
	0015	0237	32948	2632	754																					
	0020	0339	33311	2652	703																					
	0030	0390	33373	2652	709																					
	0040	0445	34033	2699	701																					
	0050	0484	34229	2711	691																					
	0075	0609	34721	2734	675																					
	0100	0606	34862	2746	654																					
01	0125	0625	34988	2752	627																					
	0150	0642	35090	2758	615																					
	0200	0512	34946	2764	659																					
	0300	0497	35008	2769	661																					
	0400	0485	34972	2769	662																					
	0500	0436	34991	2776	707																					

BT Slide Th 52/11600/70

N 58° 16.4'

E 09° 57.5'

Observer Engström

13 "Thetis"

77 Sweden

1970

Station

Å 18 B

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56
0053	58	16	010	11	0	970	04	02	03	0475	04	008	36	14	000						0	03	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Tot.P		Szl. method	Extra info.												
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58			59 60	61 62 63	64	$\mu\text{gat/l}$								
03	0000	0125	30440	2439	833					0.41		3	8										
	0005	0125	30462	2440	829					0.57													
	0010	0140	30658	2456	835					0.63													
	0015	0318	33374	2674	723					0.85													
	0020	0381	33802	2688	706					0.66													
	0030	0450	34103	2704	694					0.78													
	0040	0500	34328	2717	677					0.83													
	0050	0555	34536	2728	665					0.82													
	0075	0469	34715	2750	662					0.82													
	0100	0572	34862	2750	648					0.87													
	0125	0613	35030	2758	616					0.91													
	0150	0599	35043	2760	615					0.91													
	0200	0544	35028	2767	636					0.88													
	0300	0445	35030	2778	653					0.86													
	0400	0478	35027	2774	667					0.52													
												BT Slide Th 53/11600/70											
												Observer Engström											

13 "Thetis"

77 Sweden

1970

Station

Å 17

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
	5	6	7	8		9	10	11					12	13	14	15					16	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	58	15	010	34	0	970	04	02	05	0290	03	005	02	10	010			1	3	3	0																								
Obs. time	Obs. depth		Temp.		Sal.	σ_t		Oxygen		pH	Sal. method	Extra info.																																	
26	27	28	29	30	31	32	33	34	35				36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64																
06	0000	0159	30882	2472	815																3	0																							
	0005	0159	30902	2474	803																																								
	0010	0329	33482	2666	729																																								
	0015	0423	34139	2710	685																																								
	0020	0479	34326	2719	680																																								
	0030	0498	34578	2736	670																																								
	0040	0550	34752	2744	655																																								
	0050	0567	34836	2749	644																																								
05	0075	0598	34996	2757	628																																								
	0100	0543	35000	2764	643																																								
	0125	0519	35014	2768	649																																								
	0150	0512	35022	2768	650																																								
	0200	0485	35024	2773	661																																								
	0275	0441	34981	2774	719																																								
												BT Slide Th 54/11600/70 N 58° 14.5' E 10° 34' Observer Engström																																	

13 "Thetis"

77 Sweden

1970

Station

Å 16

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice							
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58	59
0055	58	16	010	44	0	970	04	02	08	0207	02	006	02	14	010												0	0	30
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Tot. P μ gat/l	Sal. method	Extra info.																			
					ml/l	%																							
08	0000	0155	30258	2422	815		0.49																						
	0005	0153	30274	2423	817		0.52																						
	0010	0222	31557	2523	813		0.88																						
	0015	0357	33433	2661	793		0.54																						
	0020	0410	34003	2700	731		0.76																						
	0030	0481	34625	2745	690		1.14																						
	0040	0446	34764	2757	709		1.34																						
	0050	0441	34810	2762	705		2.98																						
	0075	0445	34872	2766	708		0.71																						
	0100	0434	34936	2772	723		0.70																						
	0125	0446	34961	2773	704		0.71																						
	0150	0455	34987	2774	687		0.74																						
	0175	0459	35006	2776	684		0.86																						
	0190	0439	34990	2776	683		0.81																						
								BT Slide Th 55/11600/70																					
								N 58° 16'																					
								E 10° 43.5'																					
								Observer Engström																					

13 "Thetis"

77 Sweden

1970

Station

Å 15

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	°	'	''	°	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	55	56				
0056	58	18	010	51	0	970	04	02	09	0137	01	000	36	14	X	020						1	13	0

Obs. time	Obs. depth	Temp.	Sal.	σ _t	Oxygen		pH	Sal. method	Extra info.
					ml/l	%			
09	0000	015	30003	2403	818				
	0005		30011		827				
	0010	0228	31527	2524	812				
	0015	0369	33755	2687	752				
	0020	0511	34591	2736	674				
	0030	0472	34719	2750	690				
	0040	0478	34834	2760	686				
	0050	0480	34886	2763	707				
	0075	0438	34912	2770	715				
	0100	0460	34989	2773	686				
	0125	0456	34980	2773	695				

BT Slide Th 56/11600/70
 N 58° 17.7'
 E 10° 51'
 Observer Engström

13 "Thetis"

1970

Station

77 Sweden

Å 14

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice												
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58	59	60	61	62	63	64
0057	58	19	010	57	0	970	04	02	10	0113	01	005	36	12	X	015											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	77	78																		
10	0000	0158	29944	2396	833							0.52																			3	8		
	0005	0158	29956	2398	838							0.54																						
	0010	0215	31033	2482	833							0.23																						
	0015	0416	34183	2715	750							0.77																						
	0020	0321	34279	2731	775							0.65																						
	0030	0310	34343	2737	765							0.62																						
	0040	0342	34428	2741	754							0.69																						
	0050	0351	34469	2744	759							0.71																						
	0075	0444	34861	2765	705							0.77																						
	0100	0467	35009	2774	684							0.87																						
N 58°19' E 10°56.5'											Observer: Engström											BT Slide Th 57/11600/70												

13 "Thetis"

1970

Station

77 Sweden

Å 13

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58	59	60	61	62	63	64				
0058	58	20	011	02	0	970	04	02	10	0091	01	010	36	12	X	010																			1	23	0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Tot. P		Sal. method	Extra info.																											
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58			59 60	61 62 63	64	77	78																						
10	0000	0188	31368	2501	825																																3	0
	0005	0185	31418	2505	836																																	
	0010	0194	31687	2526	846																																	
	0015	0293	33617	2679	800																																	
	0020	0353	34161	2719	764																																	
	0030	0317	34289	2732	758																																	
	0040	0338	34397	2739	758																																	
	0050	0357	34438	2742	749																																	
	0080	0440	34944	2761	706																																	
N 58°20.2' E 11°02'											Observer: Engström											BT Slide Th 58/11600/70																

13 "Thetis"
77 Sweden

1970

Station
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																							
	5	6	7	8	9	10		11	12	13					14	15	16	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	58	20	011	06	0	970	04	02	11	0043	00	012	36	10	X	010			1	23	0																								
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Tot.P $\mu\text{gat/l}$	Sal. method	Extra info.																																			
26	27	28	29	30	31	32					33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78													
11	0000	0197	32301	2582	845			0.68		3	8																																		
	0005	0194	32280	2582	836			0.68																																					
	0010	0186	32338	2588	838			0.69																																					
	0015	0239	32896	2628	811			0.75																																					
	0020	0307	33882	2701	788			0.78																																					
	0030	0316	34248	2730	763			0.71																																					
	0040	0356	34400	2738	753			0.81																																					
N 58°20.2' E 11°06.1'								Observer: Engström				BT Slide Th 59/358/70																																	

13 "Thetis"
77 Sweden

1970

Station
Å 11

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																							
	5	6	7	8	9	10		11	12	13					14	15	16	17					18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0060	58	20	011	10	0	970	04	02	12	0051	00	010	34	16	X	010			1	43	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													
12	0000	0198	33104	2647	825			0.74		3	8																																		
	0005	0199	33102	2647	813			0.77																																					
	0010	0193	33157	2652	811			0.75																																					
	0015	0242	33692	2691	781			0.76																																					
	0020	0250	33985	2714	778			0.75																																					
	0030	0307	34199	2725	772			0.71																																					
	0040	0334	34331	2734	773			0.74																																					
	0045	0336	34344	2734	752			0.72																																					
N 58°20.2' E 11°09.5'								Observer: Engström				BT Slide Th 60/358/70																																	

13 "Thetis"

77 Sweden

1970

Station

Kosterrännan 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
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56	57	58 59	60	61	62	63	64
0061	58	53	011	05	0	970	04	03	06	0197	02	000	36	04	X	020			15	1	0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t		Oxygen		pH	PO ₄ -P	Tot.P	Sal. method	Extra info.										
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45		58 59 60	61 62 63			64	77	78							
06	0000	0257	32009	2557	763			836	0.39	0.72		3	3									
	0005	0376	33601	2670	688			825	0.70	0.92												
	0010	0305	33849	2698	683			824	0.62	0.91												
	0015	0445	34115	2707	653			820	0.67	0.97												
	0020	0518	34336	2716	629			820	0.76	0.92												
	0030	0554	34445	2719	616			820	0.72	1.01												
	0040	0584	34566	2716	603			820	0.87	1.03												
	0050	0604	34681	2731	597			821	0.87	1.04												
	0075	0638	34823	2739	569			820	0.95	0.97												
	0100	0639	34885	2744	572			820	1.02	1.04												
	0125	0606	34864	2746	597			821	0.99	0.97												
	0150	0537	34783	2748	623			821	0.96	0.91												
	0175	0512	34756	2748	649			822	0.87	0.95												
	0190	0526	34788	2750	629			820	0.87	0.97												
												BT Slide Th 61/11600/70										
												N 58° 52.7'										
												E 11° 05.3'										
												Observer Engström										

13 "Thetis"

77 Sweden

1970

Station

Åbyfjord Fj 61

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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	23	0	970	04	03	11	0025	00	000	32	04	025				1	50	1		
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		ml/l	%			$\mu\text{gat/l}$	$\mu\text{gat/l}$	77	78							
11	0000	0214	31015	2480		716				823	0.46	0.86								3	3		
	0005	0221	33415	2671		749				822	0.54	0.90											
	0010	0255	33988	2714		774				824	0.48	0.70											
	0015	0265	34120	2723		757				822	0.51	0.70											
	0020	0285	34201	2727		746				824	0.52	0.77											
	0023	0292	34234	2729		749				825	0.54	0.76											
												BT Slide Th 62/358/70											
												N 58° 22.4'											
												E 11° 22.7'											
												Observer Engström											

13 "Thetis"

77 Sweden

1970

Station

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	
0063	58	22	011	26	0	970	04	03	11	025 ^x	00	00	32	04	030				1	41	1		
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		ml/l	%			$\mu\text{gat/l}$	$\mu\text{gat/l}$	77	78							
11	0000	0238	33263	2656		775				825	0.53	0.65									3	3	
	0005	0227	33720	2694		782				826	0.48	0.64											
	0010	0237	33897	2708		775				824	0.48	0.66											
	0015	0240	34041	2719		781				823	0.53	0.70											
	0020	0252	34049	2718		767				821	0.58	0.74											
	0023	0261	34112	2723		757				820	0.69	1.12											
												BT Slide Th 63/358/70											
												N 58° 21.6'											
												E 11° 25.5'											
												Observer Engström											

13 "Thetis"

77 Sweden

1970

Station

Malmödrag

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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
0064	58	19	011	22	0	970	04	03	12	0032	00	000		32	06	030																													13	2	0
Obs. time	Obs. depth	Temp.			Sal.	σ_t	Oxygen		pH	PO ₄ -P		Tot.P	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																																	
12	0000	0247	33266	2656	793					821	0.47	0.63		3 3																																	
	0005	0216	33283	2661	799					821	0.40	0.63																																			
	0010	0229	33728	2695	801					820	0.53	0.72																																			
	0015	0241	33935	2711	780					821	0.48	0.68																																			
	0020	0252	34053	2719	769					822	0.51	0.68																																			
	0028	0280	34162	2726	765					824	0.59	0.75																																			
BT Slide Th 64/358/70																																															
N 58° 19.1'																																															
E 11° 21.7'																																															
Observer Engström																																															

13 "Thetis"

77 Sweden

1970

Station

tvärs Jordfall

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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
0065	58	20	011	34	0	970	04	06	09	0108	01	000	09	12	00	0						28	9	1
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P	To.P	SiO ₂	Sal. method	Extra info.											
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45		58	59 60	61 62 63			64	77 78									
09	0000	033	09814	0788	828			775	0.26	1.24	56.25		33											
	0003	0593	33756	2660	504			803	0.96	1.19	16.68													
	0005	0597	34109	2688	491			805	0.99	1.10	16.54													
	0008	0427	34041	2701	581			810	0.96	0.96	12.88													
	0010	0406	34020	2704	614			812	0.88	0.89	10.87													
	0015	0341	34015	2709	655			813	0.81	0.84	9.95													
	0020	0319	33974	2707	691			814	0.79	0.87	8.61													
	0030	0373	34124	2714	626			809	0.95	0.97	11.83													
	0040	0494	34266	2713	537			803	1.22	1.25	15.00													
	0050	0511	34307	2714	518			803	1.34	1.36	18.27													
	0060	0365	34152	2717	649			809	1.08	1.21	11.06													
									BT Slide Th 65/11600/70															
									Observer Engström															
									NO ₃ ⁻ -N	NO ₂ ⁻ -N	NH ₄ ⁺ -N													
									μgat/l	μgat/l	μgat/l													
	0000								23.14	0.18	2.35													
	0003								11.94	0.02	0.87													
	0005								12.68	0.04	0													
	0008								12.71	0.11	0.22													
	0010								10.62	0.16	0.35													
	0015								9.83	0.19	0.40													
	0020								9.01	0.26	0.50													
	0030								9.56	0.20	0.25													
	0040								11.03	0.15	0													
	0050								10.84	0.16	0													
	0060								8.27	0.20	0.15													

13 "Thetis"

77 Sweden

1970

Station

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	51	52					53	54	55	56	57	58
0068	58	16	011	22	0	970	04	06	11	0048	00	000	09	04	030											27	2	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t			Oxygen		pH	PO ₄ -P	Tot.P	SiO ₂	Sal. method	Extra info.														
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58		59 60	61 62 63	64			77	78												
11	0000	0319	33712	2687			725		812	0.76	0.76	7.69		3	3													
	0005	0317	33710	2687			719		816	0.60	1.09	6.78																
	0010	0298	33798	2696			733		813	0.59	0.99	7.11																
	0015	0276	34141	2724			755		815	0.51	0.56	4.42																
	0020	0326	34363	2736			731		816	0.53	0.64	4.18																
	0030	0357	34500	2745			729		815	0.58	0.80	4.57																
	0040	0391	34643	2752			717		815	0.62	0.80	4.95																
	0045	0392	34661	2754			718		812	0.60	1.09	5.67																
	0000									NO ₃ ⁻ -N	NO ₂ ⁻ -N	NH ₄ ⁺ -N																
										μgat/l	μgat/l	μgat/l																
	0000									8.30	0.24	0.35																
	0005									12.45	0.24	0.40																
	0010									9.81	0.24	0.41																
	0015									6.89	0.24	0.98																
	0020									5.60	0.24	0.75																
	0030									6.15	0.20	0.67																
	0040									6.35	0.20	0.67																
	0045									5.74	0.20	--																
BT Slide Th 68/358/70, N 58°15.85' E 11°22.35' Observer: Engström																												

13 "Thetis"

1970

Station

77 Sweden

Hydro Depth Observations (Code 03)

Bonden

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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	58	12	011	20	0	970	04	06	12	0029	00	000	05	12	020				28	2	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot. P	SiO ₂	Sal. method	Extra info.									
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58	59 60			61 62 63 64	77	78						
12	0000	0270	33468	2670	781			819	0.39	0.72	4.13	3	3								
	0005	0264	33553	2678	778			819	0.40	0.64	3.99										
	0010	0268	33609	2682	779			818	0.40	1.04	4.23										
	0015		33577		778			816	0.46	0.72	4.18										
	0020	0274	33972	2710	768			816	0.48	0.73	4.33										
	0025	0291	34180	2726	753			815	0.51	0.78	3.46										
									NO ₃ ⁻ -N	NO ₂ ⁻ -N	NH ₄ ⁺ -N										
	0000								μgat/l	μgat/l	μgat/l										
									7.35	0.23	0.30										
	0005								6.55	0.24	0.48										
	0010								6.48	0.22	0.57										
	0015								6.43	0.22	0.57										
	0020								6.41	0.22	0.70										
	0025								6.05	0.21	1.05										
BT Slide Th 69/358/70 N 58°12.3' E 11°19.8'												Observer: Engström									

13 "Thetis"

77 Sweden

1970

Station

Borgilafjord

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.				N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																				
	5	6	7	8	9	10	11		12	13	14					15	16	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	58	15	011	38	0	970	04	07	09	0063	09	000	05	10	000									2	89	1																			
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	X	0023	20138	1616	X	048		849	0.17	1.50		3	3																															
	0005	X	0067	25003	2010		813		815	0.75	1.11																																		
	0010		0113	25749	2064		631		798	1.10	1.30																																		
	0015		0508	27212	2154		254		769	1.63	1.59																																		
	0020		0489	27739	2198		258		769	2.12	2.13																																		
	0030		0585	28521	2249		017		752	4.20	4.66																																		
	0040		0574	28606	2257		024		752	4.50	4.90																																		
	0050		0520	28614	2262		122		758	4.10	4.38																																		
	0060		0490	28634	2267		188		764	3.95	4.40																																		
N 58°15.2' E 11°37.75' Observer: Engström										BT Slide Th 72/358/70																																			

13 "Thetis"

77 Sweden

1970

Station

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																				
	5	6	7	8	9	10	11		12	13	14					15	16	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	58	17	011	41	0	970	04	07	09	0058	00	000	05	10	000										2	82	1																		
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	X	0024	23496	1887		980		836	0.12	1.27		3	3																															
	0005	X	0046	25121	2018		776		791	0.91	1.24																																		
	0010		0235	26137	2090		559		791	1.30	1.32																																		
	0015		0477	27171	2154		315		773	1.43	1.49																																		
	0020		0315	27793	2216		479		789	2.09	2.07																																		
	0030		0569	28541	2253		063		752	3.65	3.52																																		
	0040		0422	28555	2269		326		776	2.81	2.92																																		
	0050		0416	28817	2290		342		778	2.80	2.84																																		
N 58°17.07' E 11°40.8' Observer: Engström										BT Slide Th 73/358/70																																			

13 "Thetis"

Station

77 Sweden

1970

Havstensfjord

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
0074	58	11	011	46	0	970	04	07	10	0042	00	002	05	10	000																									2	8	21			
Obs. time	Obs. depth	Temp.		Sel.	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	0008	23801	1911	958				834	0.13	1.36	3	3																																
	0005	0247	26487	2116	646				804	0.99	1.54																																		
	0010	0396	31531	2505	474				795	2.44	2.55																																		
	0015	0368	32110	2554	491				795	3.15	3.10																																		
	0020	0335	32382	2578	532				797	4.32	4.56																																		
	0030	0251	32618	2604	650				808	2.33	2.14																																		
	0040	0239	32777	2618	695				812	1.04	1.27																																		
N 58° 10.75' E 11° 46.4'										Observer: Engström										BT Slide Th 74/358/70																									

13 "Thetis"

Station

77 Sweden

1970

Byfjorden

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
0075	58	20	011	53	0	970	04	07	12	0048	00	002	05	14	000																										7	82	0		
Obs. time	Obs. depth	Temp.		Sel.	σ_t		Oxygen		pH	PO ₄ -P μgat/l	Tot.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	77	78											
12	0000	0109	24915	2000					804	1.22	1.83																																		
	0005	0415	27244	2164	311				773	1.98	2.39																																		
	0010	0449	28991	2300	193				766	4.87	5.14																																		
	0015	0498	29830	2360	0				756	7.48	7.86	12.6																																	
	0020	0494	30248	2394	0				755	7.30	7.71	30.2																																	
	0025	0510	30397	2404	0				754	7.78	8.52	>100																																	
	0030	0526	30523	2413					746	6.00	9.99	90.5																																	
	0040	0496	30622	2422	0				753	7.53	9.87	59.0																																	
BT Slide Th 75/358/70, Observer: Engström																																													

13 "Thetis"

77 Sweden

1970

Station

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		
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58 59
0076	58	16	011	49	0	970	04	07	13	0028	00	003	05	12	010							7	82	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								
13	0000	0068	24657	1980	938				828	0.23	1.42	3	3											
	0005	0113	25332	2031	865				821	0.35	1.49													
	0010	0268	31551	2518	636				807	1.07	1.29													
	0015	0227	32279	2579	728				815	0.58	0.83													
	0020	0232	32836	2623	725				815	0.61	0.89													
	0025	0230	32884	2626	718				815	0.61	0.82													
												BT Slide Th 76/358/70												
												N 58° 15.58'												
												E 11° 49.24'												
												Observer Engström												

13 "Thetis"

77 Sweden

1970

Station

Dokorsviken

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice			
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58 59	60
0077	58	11	011	51	0	970	04	07	13	0025	00	003	05	06	010								2	82	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									
13	0000	0072	25091	2013	947				831	0.11		33													
	0005	0125	27193	2180	836				822	0.21	1.10														
	0010	0216	31565	2523	729				814	0.48	1.18														
	0015	0234	32986	2635	743				816	0.56	1.02														
	0022	0240	33209	2652	737				816	0.52	0.79														
												BT Slide Th 77/358/70		, N 58° 11' E 11° 51.04', Observer: Engström											

13 "Thetis"

77 Sweden

1970

Station

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																					
	5	6	7	8	9	10		11	12	13					14	15	16	17	18	19					20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0078	58	08	011	50	0	970	04	07	14	0039	00	000	05	06	010												2	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														
14	0000	0128	26363	2112	958				833	0.11	0.89		33																																
	0005	0250	32797	2621	752				817	0.43	0.77																																		
	0010	0244	33351	2663	740				816	0.55	0.99																																		
	0015	0248	33558	2680	736				816	0.55	0.72																																		
	0020	0229	33618	2686	742				816	0.53	0.76																																		
	0030	0249	33650	2687	736				815	0.58	0.89																																		
BT Slide Th 78/358/70, N 58° 07.82', E 11° 50.23', Observer: Engström																																													

13 "Thetis"

77 Sweden

1970

Station

Askeröfjorden

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																					
	5	6	7	8	9	10		11	12	13					14	15	16	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	04	011	47	0	970	04	08	06	0025	00	003	00	00	040												4	8	00																
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														
06	0000	0126	26890	2156	970				791	0.23	0.63		3 3																																
	0005	0240	32920	2629	759				819	0.46	0.83																																		
	0010	0267	33837	2701	749				818	0.61	0.70																																		
	0015	0270	33928	2708	768				817	0.52	0.70																																		
	0020	0271	33955	2709	741				818	0.52	0.76																																		
	0023	0271	33970	2710	742				817	0.54	0.68																																		
BT Slide Th 79/358/70, N 58° 04.23' E 11° 47.2', Observer: Engström																																													

13 "Thetis"

77 Sweden

1970

Station

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	55 56 57	58 59	60	61	62	63	64	
0080	57	59	011	46	0	970	04	08	07	0031	00	000	00	00	040				4	80	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				
07	0000	0166	28381	2273		923						833	0.11	0.57							3	3
	0005	0240	32838	2623		790						818	0.35	0.77								
	0010	0267	33806	2698		754						817	0.46	0.67								
	0015	0278	34009	2714		750						817	0.52	0.65								
	0020	0285	34076	2718		745						816	0.52	0.66								
	0028	0295	34148	2723		743						816	0.46	0.69								
BT	Slide	Th 80/358/70,		N 57° 59.38',		E 11° 45.7',		Observer: Engström														

13 "Thetis"

77 Sweden

1970

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	
0081	57	55	011	36	0	970	04	08	08	0060	00	000	18	04	020				4	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				
08	0000	0206	28438	2275		819						816	0.28	0.55							3	3
	0005	0191	30586	2447								824	0.11	0.61								
	0010	0234	33213	2653		789						815	0.30	0.60								
	0015	0246	33607	2684		776						814	0.38	0.60								
	0020	0274	33933	2707		760						812	0.46	0.61								
	0030	0292	34125	2722		746						810	0.54	0.99								
	0040	0300	34194	2726		738						810	0.52	0.68								
	0050	0306	34229	2728		735						810	0.54	0.71								
BT	Slide	Th 81/358/70,		N 57° 55.18',		E 11° 35.6',		Observer: Engström														

13 "Thetis"

77 Sweden

1970

Station

N Skagbanken

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N 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
0084	57	53	010	19	0	970	04	13	18	0089	00				05	10	020					4	62	0																					
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH				Sal. method	Extra info.																																	
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64																			
18	0000	0302	31056	2476																																									
	0010	0297	32968	2629																																									
	0020	0474	34373	2723																																									
	0030	0507	34584	2735																																									
	0040	0483	34698	2747																																									
	0050	0489	34832	2757																																									
BT Slide Th 84/358/70, Observer: Berntsson																																													

13 "Thetis"

77 Sweden

1970

Station

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																							
	5	6	7	8	9	10		11	12	13					14	15	16	17					18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0085	57	50	011	04	0	970	04	14	19	0050	00				18	04	080					4	5	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																			
19	0000	0279	27633	2207																																									
	0010	0282	33406	2665																																									
	0020	0272	34081	2719																																									
	0030	0280	34233	2731																																									
	0040	0278	34290	2735																																									
BT Slide Th 85/358/70, Observer: Berntsson																																													

13 "Thetis"

77 Sweden

1970

Station

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
0086	58	21	011	27	0	970	04	15	19	0021	00		23	14	040				2	8	1	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t		Oxygen		pH		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									
19	0000	0290	20765	1659								3	0									
	0005	0305	30780	2454																		
	0010	0306	31054	2475																		
	0015	0300	31314	2496																		
BT Slide Th 86/358/70, Observer: Berntsson, N 58°21.3' E 11°26.6'																						

13 "Thetis"

77 Sweden

1970

Station

ESE När

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	°	'				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56	57	58 59	60	61	62	63	64
0087	57	05	018	55	0	970	06	02	12	0090	01		32	18	075	070			48	2	0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t		Oxygen		pH		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									
12	0000	0769	07345	0571		892						3	0									
	0010	0767	07346	0571		896																
	0020	0652	07477	0590		914																
	0030	0319	07528	0606		931																
	0040	0390	07609	0611		935																
	0050	0236	07699	0620		926																
	0060	0181	07938	0640		767																
	0070	0379	09294	0745		313																
	0080	0456	10065	0804		094																
	0085	0474	10484	0837		091																
BT Slide Th 88/11600/70, N 57° 04.8' E 18° 54.7', Observer: Claesson																						

13 "Thetis"

1970

Station

77 Sweden

Hydro Depth Observations (Code 0 3)

Rysshålan

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58 59
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56	57	58 59	60	61	62	63	64		
0088	56	01	018	56	0	970	06	03	09	0125	01		00	00	135		082	1	3	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								
09	0000	0849	07374	0567			946															3	0	
	0020	0531	07448	0595			920																	
	0030	0214	07599	0613			927																	
	0050	0173	07725	0622			914																	
	0060	0268	08595	0692			580																	
	0070	0453	09971	0797			034																	
	0080	0453	10197	0816			037																	
	0090	0486	10549	0843			068																	
	0100	0529	11253	0894			110																	
	0120	0386	12954	1035			303																	
BT Slide Th 90/11600/70, N 56° 01' E 18° 55.5', Observer Claesson																								

13 "Thetis"

Station

77 Sweden

1970

Inre Gdanskbuht

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 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			
0089	54	47	019	00	0	970	06	03	21	0100	01		36	08	080		067	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									
21	0000	0688	07604	0598			985																3	0	
	0020	0543	07609	0607			953																		
	0030	0463	07688	0616			918																		
	0040	0268	07787	0628			914																		
	0050	0161	08031	0646			799																		
	0060	0203	08863	0713			592																		
	0070	0316	09861	0792			347																		
	0080	0233	11161	0896			599																		
	0090	0271	12579	1009			585																		
	0095	0376	12957	1036			340																		
BT Slide Th 91/11600/70, N 54° 47.0' E 18° 59.5', Observer Claesson																									

13 "Thetis"

77 Sweden

1970

Station

Yttre Gdanskbuk

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N 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
0090	55	29	018	53	0	970	06	04	17	0093	01		05	14	100	080	1	4	20										
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH																Sal. method	Extra info.				
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64		77	78
17	0000	0840	07582	0584	972																								30
	0010	0837	07580	0585	982																								
	0020	0577	07632	0607	956																								
	0030	0470	07698	0617	924																								
	0040	0354	07803	0628	895																								
	0050	0200	07960	0641	880																								
	0060	0278	08716	0702	469																								
	0070	0429	10270	0822	176																								
	0080	0303	11302	0907	453																								
	0090	0546	12941	1026	202																								
BT Slide Th 92/11600/70, N 55° 28.5' E 18° 53.2', Observer: Claesson																													

13 "Thetis"

77 Sweden

1970

Station

Yttre 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							
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58	59
0091	55	40	016	02	0	970	06	05	05	0073	01		02	14	090	071	1	4	2	0									
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH																Sal. method	Extra info.				
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64		77	78
05	0000	0733								935																			0
	0010	0728	07728	0605	930																								3
	0020	0537	07758	0619	902																								
	0030	0345	07803	0628	902																								
	0040	0139	08053	0648	928																								
	0050	0109	08801	0708	836																								
	0060	0285	13932	1116	621																								
	0068	0506	15534	1234	191																								
BT Slide Th 93/11600/70, N 55° 40' E 16° 01.5', Observer: Claesson																													

13 "Thetis"

77 Sweden

1970

Station

ENE Christiansö

- E Christiansö

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb					
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64	
0092	55	29	016	14	0	970	06	08	17	0077	01		09	10	120	084	1	31	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	0862	07632	0587	911															3	0
	0010	0847	07636	0588	910																
	0020	0478	07747	0620	906																
	0030	0358	07824	0629	894																
	0040	0223	07976	0642	858																
	0050	0112	08542	0686	895																
	0060	0281	13358	1071	695																
	0070	0576	16004	1265	202																
BT Slide Th 94/11600/70, N 55° 29.2' E 16° 13.9', Observer: Claesson																					

13 "Thetis"

77 Sweden

1970

Station

S 24

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb					
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64	
0093	55	15	015	59	0	970	06	08	20	0092	01		05	06	110	085	1	31	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	0873	07494	0574	886															3	0
	0010	0864	07506	0577	918																
	0020	0484	07589	0608	907																
	0030	0343	07715	0621	936																
	0040	0334	07814	0629	877																
	0050	0184	08358	0672	849																
	0060	0148	12018	0965	730																
	0070	0407	14833	1184	538																
	0080	0596	16290	1286	216																
	0085	0513	16899	1341	099																
BT Slide Th 95/11600/70, Observer: Claesson																					

13 "Thetis"

77 Sweden

1970

Station

SE Nexö (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	57
0094	54	51	015	20	0	970	06	09	14	0071	01			05	14	125	084	1	52	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														
14	0000	0870	07700	0591	920																					3	0
	0010	0838	07717	0595	951																						
	0020	0603	07693	0610	715																						
	0030	0356	07813	0628	951																						
	0040	0193	08068	0650	822																						
	0050	0185	09013	0725	806																						
	0060	0149	11264	0905	697																						
	0065	0276	13770	1104	465																						
BT Slide Th 96/11600/70, Observer: Claesson																											

13 "Thetis"

77 Sweden

1970

Station

Y 18/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	51	52					53	54	55	56	57	58	59
0095	55	00	014	04	0	970	06	10	07	0047	00			05	14	125	102	1	3	20									
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	Sal. method		Extra info.																		
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63	64	77	78																
07	0000	1070	07933	0588	807																							3	0
	0010	1058	07933	0590	804																								
	0020	0483	08487	0678	824																								
	0030	0145	13010	1045	740																								
	0040	0687	15148	1190	499																								
	0043	0691	15293	1200	506																								
BT Slide Th 97/358/70, N 55° 00.3' E 14° 04.3', Observer: Claesson																													

13 "Thetis"

77 Sweden

1970

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		
0096	55	13	013	19	0	970	06	10	14	0041	00		05	10	14.5	10.0	1	31	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							
14	0000	1027	07702	0576	820																30	
	0010	0973	07702	0581	823																	
	0020	0943	07692	0584	832																	
	0030	0603	07847	0622	831																	
	0038	0479	08259	0660	740																	
BT	Slide	Th 99/358/70,				N 55° 12.8'		E 13° 18.6'		Observer: Claesson												

13 "Thetis"

77 Sweden

1970

Station

S Ven

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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		
0097	55	51	012	45	0	970	06	11	13	0028	00		36	06	180	138	1	30	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							
13	0000	1385	07894	0542	795																30	
	0010	1290	08864	0630	811																	
	0020	0481	33499	2653	417																	
	0025	0458	33779	2678	425																	
BT	Slide	Th 100/358/70,				N 55° 50.5'		E 12° 45'		Observer: Claesson												

13 "Thetis"

77 Sweden

1970

Station

Väst 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
0098	57	39	011	27	0	970	06	22	12	0088	01	000	27	12	200								0	0	2	0		
Obs. time	Obs. depth	Temp.	Sal.	O ₂			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
12	0000	1801	22240	1557			643			0.06		0.26		33														
	0005	1803	22240	1557			646			0.04		0.31																
	0010	1498	22640	1651			721			0.02		0.31																
	0015	0862	31087	2414			757			0.04		0.35																
	0020	0856	32760	2547			653			0.08		0.47																
	0030	0679	33299	2614			651			0.24		0.47																
	0040	0491	33748	2672			640			0.42		0.67																
	0050	0473	33947	2689			625			0.57		0.73																
	0075	0551	34709	2740			579			0.87		1.05																
	0085	0550	34748	2744			574			0.87				4														
BT Slide Th 103/11600/70, N 57° 38.5' E 11° 26.6', Obsever: Engström																												

13 "Thetis"

77 Sweden

1970

Station

Marstrandfjord

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0099	57	54	011	32	0	970	06	22	14	0035	00	005	25	08	195										0	0	2	0
Obs. time	Obs. depth	Temp.	Sal.	O ₂			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
14	0000	1891	22949	1591			631			0.02				3	4													
	0005	1883	22949	1592			633			0.02																		
	0010	1564	24925	1814			711			0.01																		
	0015	0907	29999	2322			695			0.04																		
	0020	0822	32400	2522			662			0.10																		
	0030	0588	33674	2654			642			0.39																		
BT Slide Th 104/358/70, Observer: Engström																												

13 "Thetis"

77 Sweden

Station

P 1

1970

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N 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
0100	57	53	011	25	0	970	06	22	14	0068	00	000	27	10	195												0	0	30																
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	FO ₄ -P		Tot. P	µgat/l	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											
14	0000	1871	21940	1518	641							0.05	0.28																			3	3												
	0005	1826	22235	1551	641							0.05	0.30																																
	0010	1604	27577	2009	719							0.04	0.29																																
	0015	1090	31244	2390	731							0.04	0.35																																
	0020	0853	31908	2480	694							0.07	0.32																																
	0030	0741	33848	2649	649							0.22	0.26																																
	0040	0541	34132	2596	630							0.61	0.68																																
	0050	0541	34271	2707	622							0.64	0.62																																
BT Slide Th 105/11600/70, Observer: Engström																																													

13 "Thetis"

77 Sweden

Station

P 1 E

1970

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N 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
0101	57	52	011	21	0	970	06	22	15	0065	01	000	27	12	195																														
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	FO ₄ -P		Tot. P	µgat/l	µgat/l	Sel. method	Extra info.																															
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											
15	0000	1872	21701	1500	638							0.04																																	
	0005	1856	21775	1510	641							0.07																																	
	0010	1566	27528	2013	721							0.05																																	
	0015	1053	31722	2453	708							0.08																																	
	0020	0999	32503	2510	676							0.09																																	
	0030	0732	33543	2625	657							0.24																																	
	0040	0500	34143	2701	630							0.68																																	
	0050	0542	34430	2719	624							0.71																																	
	0060	0563	34535	2725	612							0.72																																	
BT Slide Th 106/11600/70, N 57° 52.3' E 11° 21', Observer Engström																																													

13 "Thetis"

77 Sweden

1970

Station

P 3

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																							
	o	'	''	o	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																											
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	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	57	50	011	04	0			970	06	22	17	0048	00	004	27	08	195				00	3	0																						
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P Tot.P		Sol. method	Extra info.																																		
26	27	28	29	30	31	32		33	34			35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
17	0000	1833	27992	1988	622			0.14	0.36	3	3																																		
	0005	1786	28407	2030	625			0.12	0.19																																				
	0010	1734	30182	2177	650			0.07	0.24																																				
	0015	1568	30395	2231	688			0.06	0.25																																				
	0020	1066	32444	2487	765			0.08	0.35																																				
	0030	0721	34229	2681	617			0.26	0.47																																				
	0040	0693	34340	2693	593			0.46	0.50																																				
	0045	0682	34391	2699	591			0.50	0.58																																				
BT Slide Th 109/358/70, Observer: Lagergren																																													

13 "Thetis"

77 Sweden

1970

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																							
	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
0105	57	48	010	52	0			970	06	22	18	0057	00	005	27	06	195				0	02	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														
18	0000	1805	29699	2124	633												0.30				3	8																							
	0005	1817	30210	2160	632			0.12	0.16													3																							
	0010	1666	30864	2245	658			0.10	0.36																																				
	0015	1583	31058	2278	658			0.08	0.19																																				
	0020	1473	31491	2335	673			0.10	0.28																																				
	0030	0794	33923	2647	666			0.11	0.30																																				
	0040	0775	34007	2656	645			0.20	0.35																																				
	0050	0716	34233	2682	610			0.33	0.36																																				
BT Slide Th 110/358/70, Observer: Engström																																													

13 "Thetis"

Station

77 Sweden

1970

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	58	59	60					61	62	63	64																	
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0106	57	48	010	42	0	970	06	22	19	0079	01	009	29	04	200			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														
19	0000	1727	30799	2226	649						0.04	0.30	3	3																															
	0005	1729	30802	2226	647						0.04	0.16																																	
	0010	1663	30786	2240	664						0.04	0.25																																	
	0015	1605	31019	2270	677						0.04	0.18																																	
	0020	1390	32477	2428	707						0.06	0.13																																	
	0030	0869	33632	2613	690						0.06	0.21																																	
	0040	0740	34194	2675	613						0.19	0.25																																	
	0050	0684	34446	2703	601						0.38	0.48																																	
	0075	0599	34847	2747	651						0.61	0.67																																	
BT Slide Th 111/11600/70 , Observer: Lagergren																																													

13 "Thetis"

77 Sweden

1970

Hydro Depth Observations (Code 03)

Station

R 45

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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
0108	58	16	009	58	0	970	06	23	03	0520	05			23	06	170					0	02	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								
03	0000		25887						635				0.04									3	4
	0005	1790	25929			1842			635				0.05										
	0010	1194	29549			2241			758				0.13										
	0015	0548	33380			2636			822				0.10										
	0020	0479	33631			2664			771				0.11										
	0030	0478	34019			2694			708				0.52										
	0040	0440	34340			2724			695				0.55										
	0050	0463	34548			2738			682				0.68										
	0075	0514	34787			2751			653				0.75										
	0100	0517	34876			2758			646				0.75										
	0125	0501	34914			2762			650				0.78										
	0150	0535	35012			2766			666				0.71										
	0200	0533	35064			2770			663				0.72										
	0300	0495	35034			2773			656				0.79										
	0400	0477	35034			2775			679				0.71										
	0500	0450	35022			2777			685				0.75										
BT	Slide	Th	113/11600/70,	N	58°	16.4'	E	09°	57.5'	Observer Lagergren													

13 "Thetis"

77 Sweden

1970

Station

Å 18 b

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64
0109	58	16	010	11	0	970	06	23	05	0470	04		18	04	185			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			65 66 67 68	77 78						
05	0000	1763	26089	1860	633				0.04	0.26	3	3								
	0005	1765	26079	1859	635				0.10	0.25										
	0010	1049	31466	2415	800				0.10	0.19										
	0015	0859	32733	2544	656				0.19	0.19										
	0020	0750	33485	2619	684				0.27	0.25										
	0030	0442	34138	2708	705				0.63			4								
	0040	0457	34366	2725	692				0.67	0.67		3								
	0050	0481	34564	2737	687					0.63		8								
	0075	0495	34817	2756	659				0.79			4								
	0100	0512	34933	2763	645				0.82											
	0125	0483	34936	2767	657				0.80											
	0150	0522	35024	2769	665				0.79											
	0200	0501	35030	2772	666				0.73											
	0300	0496	35030	2773	664				0.75	0.78		3								
	0400	0472	35006	2774	670							0								
	0450	0465	35009	2774	668				0.79	0.80		3								
BT Slide Th 114/11600/70, Observer: Engström																				

13 "Thetis"

77 Sweden

1970

Station

Å 17

Hydro Depth Observations (Code 03)

Station No.				Lat.				Long.				N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																									
5	6	7	8	9	10	11	12	13	14	15	16		17	18	19					20	21	22	23	24	25					26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
Year	Mo.	Day	Dir.	Sp. kn.	Dry bulb	Wet bulb																																																
01	11	0		58	15			010	34	0			970	06	23	07	02	90	03			16	10	185																0	02	0												
Obs. time	Obs. depth	Temp.	Sal.	σ_t			Oxygen		pH	PO ₄ -P $\mu\text{gat/l}$	Sol. method	Extra info.																																										
26	27	28	29	30	31	32	33	34					35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78																						
07	0000	1892	27905	1968			612			0.05		3 4																																										
	0005	1889	27904	1968			614			0.04																																												
	0010	1365	31044	2323			749			0.04																																												
	0015	0823	33480	2608			768			0.05																																												
	0020	0476	33876	2684			735			0.14																																												
	0030	0457	34286	2718			700			0.52																																												
	0040	0554	34666	2737			680			0.55																																												
	0050	0557	34782	2745			676			0.59																																												
	0075	0573	34980	2760			675			0.66																																												
	0100	0515	34996	2768			660			0.91																																												
	0125	0510	35036	2771						0.73																																												
	0150	0539	35083	2771			662			0.74																																												
	0200	0532	35084	2772			665			0.73																																												
	0280	0530	35095	2774			660			0.76																																												
BT Slide Th 115/11600/70, N 58° 14.5' E 10° 34', Observer: Engström																																																						

13 "Thetis"

Station

77 Sweden

1970

Å 16

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	58	59					60
0111	58	16	010	44	0	970	06	23	08	0205	02		14	16	180						0	02	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t		Oxygen		pH	PO ₄ -P $\mu\text{gat/l}$	Tot.P $\mu\text{gat/l}$	Sol. method	Extra info.											
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45						58	59 60	61 62 63	64	77	78					
08	0000	1753	25718	1834		649			0.05	0.28		3	3										
	0005	1813	27982	1991		629			0.05	0.26													
	0010	1592	30569	2239					0.08	0.25													
	0015	0996	30340	2335		795			0.07	0.33													
	0020	0788	32444	2531		791			0.10	0.26													
	0030	0593	34738	2738		670			0.54	0.61													
	0040	0569	34849	2750		678			0.64	0.60													
	0050	0597	34985	2757		679			0.66	0.63													
	0075	0581	35064	2764		657			0.76	0.72													
	0100	0572	35081	2767		655			0.71	0.81													
	0125	0581	35083	2766		654			0.70				4										
	0150	0580	35084	2766		654			0.77														
	0200	0570	35089	2768		650			0.77														
BT Slide Th 116/11600/70, N 58° 16' E 10° 43.5', Observer: Engström																							

13 "Thetis"

77 Sweden

1970

Station

Å 15

Hydro Depth Observations (Code 03)

Station No.		Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																				
5	6	7	8	9	10	11	12		13	14	15					16	17	18	19	20	21					22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55
01	12	58	18	01	0	51	0	970	06	23	09	0135	01			16	12	180						1	5	2	0																		
Obs. time	Obs. depth	Temp.	Sal.	σ _t	Oxygen		pH	Sal. method	Extra info.																																				
					ml/l	%																																							
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78																	
09	0000	1763	25931	1848		647																					3	0																	
	0005	1768	28062	2008		643																																							
	0010	1377	29398	2194		740																																							
	0015	0921	33349	2582		791																																							
	0020	0801	34139	2662		729																																							
	0030	0637	34706	2730		660																																							
	0040	0592	34772	2740		658																																							
	0050	0586	34825	2747		659																																							
	0075	0569	34892	2753		584																																							
	0100	0595	34986	2758		660																																							
	0125	0575	34984	2759		619																																							
BT Slide Th 117/11600/70, N 58° 17.7' E 10° 51' Observer: Engström																																													

13 "Thetis"

1970

Station

77 Sweden

Hydro Depth Observations (Code 03)

Å 14

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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
0113	58	19	010	57	0	970	06	23	10	0110	01		14	08	180								14	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
10	0000	1816	23470	1648	648					0.32																3	8	
	0005	1648	27945	2028	686					0.30																		
	0010	1379	30756	2298	761					0.30																		
	0015	0923	33014	2555	767					0.26																		
	0020	0772	33917	2649	628					0.20																		
	0030	0715	34177	2678	586					0.51																		
	0040	0657	34626	2721	659					0.40																		
	0050	0606	34715	2735	653					0.60																		
	0075	0598	34927	2752	657					0.82																		
	0100	0569	34910	2755	613					0.73																		
BT Slide Th 118/11600/70, N 58° 19' E 10° 56.5' Observer: Engström																												

13 "Thetis"

Station

77 Sweden

1970

Å 13

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice							
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58	59
0114	58	20	011	02	0	970	06	23	11	0085	01	003	18	10	190											1	12	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
11	0000	1902	22554	1558	629																								
	0005	1742	27106	1942	657																								
	0010	1528	29828	2195	711																								
	0015	0929	32143	2485	717																								
	0020	0861	33296	2588	674																								
	0030	0748	33994	2659	620																								
	0040	0676	34492	2708	634																								
	0050	0629	34621	2724	643																								
	0075	0587	34669	2734	625																								
BT Slide Th 119/11600/70, N 58° 20.2' E 11° 02' Observer: Lagergren																													

13 "Thetis"

77 Sweden

1970

Station

Åbyfjorden

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0117	58	22	011	23	0	970	06	23	13	0026	00		23	08	200							1	21	0				
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	Tot.P µgat/l	Sel. method	Extra info.																	
26	27	28	29	30	31	32	33					34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62
13	0000	20	37	22	980	15	58	6	28						0.32											3	8	
	0005	19	96	23	431	16	02	6	46						0.31													
	0010	15	58	27	058	19	79	7	10						0.58													
	0015	11	24	29	122	22	20	6	96						0.69													
	0020	07	04	32	242	25	26	4	91						0.31													
	0024	06	66	33	004	25	91	5	55						0.63													
BT Slide Th												122/358/70, N 58° 22.4' E 11° 22.7' Observer: Engström																

13 "Thetis"

77 Sweden

1970

Station

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	51	52					53	54	55	56	57	58
0118	58	22	011	26	0	970	06	23	13	0025	00	006	23	08	200							1	2	10				
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	Tot.P µgat/l	Sel. method	Extra info.																	
26	27	28	29	30	31	32	33					34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62
13	0000	20	29	22	589	15	29	6	38						0.25											3	8	
	0005	20	20	22	636	15	35	6	36						0.26													
	0010	16	87	26	639	19	19	7	22						0.37													
	0015	12	59	28	516	21	49	7	30						0.40													
	0020	07	28	31	536	24	69	5	91						0.36													
	0023	06	59	32	221	25	31	5	07						0.47													
BT Slide Th												123/358/70, N 58° 21.6' E 11° 25.5' Observer Engström																

13 "Thetis"

77 Sweden

1970

Station

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	51	52					53	54	55	56	57	58
0121	58	35	011	05	0	970	06	24	09	0120	01			18	14	170							2	73	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
09	0000	1793	2313	2	1627	641				0.24																	38	
	0005	1789	2336	7	1646	648				0.21																		
	0010	1746	2464	0	1752	671				0.24																		
	0015	1284	2953	8	2222	729				0.28																		
	0020	0848	3267	1	2540	668				0.36																		
	0030	0763	3361	5	2628	663				0.32																		
	0040	0555	3381	0	2669	644				0.58																		
	0050	0543	3430	2	2709	630				0.82																		
	0075	0538	3473	9	2745	619				0.86																		
	0100	0529	3481	1	2751	610				1.01																		
BT Slide Th 126/11600/70, N 58° 34.9' E 11° 05.3' Observer Engström																												

13 "Thetis"

77 Sweden

1970

Station

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						
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0122	58	34	011	01	0	970	06	24	10	0055	00	009	18	18	160								2	7	30			
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
10	0000	1758	2348	2	1661	655				0.26																	38	
	0005	1710	2400	3	1712	669				0.25																		
	0010	1495	2774	8	2045	729				0.33																		
	0015	1088	3096	2	2369	719				0.37																		
	0020	0825	3270	6	2547	662				0.35																		
	0030	0751	3341	3	2612	658				0.37																		
	0040	0647	3406	8	2679	643				0.37																		
	0050	0568	3430	2	2706	637				0.61																		
BT Slide Th 127/358/70, N 58° 34.2' E 11° 01.2' Observer Lagergren																												

13 "Thetis"

77 Sweden

Station

Väderö 10

1970

Hydro Depth Observations (Code 03)

Station No.	Lat.				Long.				N 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					Year	Mo.	Day	Dir.	Sp. kn.	Dry bulb				
0129	58	26	01	00	00	00	00	00	0	970	06	24	21	0570	05	000	14	28	170					2	8	50
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
22	0000	1618	27342	1988																						
	0005	1472	27916	2062																						
	0010	0826	32973	2567																						
	0015	0514	33577	2656																						
	0020	0476	33881	2684																						
	0030	0466	34223	2712																						
	0040	0447	34359	2725																						
	0050	0479	34559	2737																						
	0075	0515	34782	2750																						
21	0100	0524	34861	2756																						
	0125	0532	34947	2762																						
	0150	0513	34966	2766																						
	0200	0488	34969	2769																						
	0300	0477	35021	2774																						
	0400	0481	35030	2774																						
	0500	0478	35053	2777																						
	0550	0459	35025	2777																						
BT Slide Th 134/11600/70, N 58° 26.4' E 09° 59.9' Observer Engström																										

13 "Thetis"

Station

77 Sweden

1970

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
0132	55	17	011	41	0	970	06	25	10	0060	01	004	18	08	160					2	8	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														
10	0000	1930	22809	1570	622					0.67			38																																
	0005	1671	23065	1649	651					0.70																																			
	0010	0847	25442	1976	571					0.65																																			
	0015	0430	28476	2262	202					2.40																																			
	0020	0407	28922	2298	235					2.76																																			
	0030	0389	29455	2342	277					2.87																																			
	0040	0398	29557	2350	279					2.85																																			
	0050	0403	29724	2361	204					3.41																																			
	0055	0405	29802	2368	111					4.55																																			
BT Slide Th 137/358/70, N 55° 17.07' E 11° 40.8' Observer Lagergren																																													

13 "Thetis"

Station

77 Sweden

1970

Fj. 46 Havstensfjord

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																								
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	°	'					°	'																						
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	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	11	011	46	0	970	06	25	11	0043	00	006	18	08	160					6	8	2	0																							
Obs. time	Obs. depth	Temp.		Sal.	σ_t		Oxygen		pH	Tot. P		Sal. method	Extra info.																																	
26	27	28	29	30	31	32	33	34		35	36			37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78															
11	0000	1952	22805	1565	620					0.79			38																																	
	0005	1949	22821	1567	612					0.72																																				
	0010	1047	24462	1871	706					0.90																																				
	0015	0424	29745	2362	325					1.25																																				
	0020	0395	31394	2495	338					1.75																																				
	0030	0285	32959	2629	418					1.58																																				
	0040	0285	33109	2641	358					2.42																																				
BT Slide Th 138/358/70, N 58° 10.75' E 11° 46.4' Observer Lagergren																																														

13 Thetis
77 Sweden

1970

Station
Fj. 48 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	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb					
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64	
0134	58	16	011	49	0	970	06	25	12	0025	00	005	18	04	165			6	8	2	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t		Oxygen		pH	Tot.P		Sat. method	Extra info.									
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42	43 44 45	58 59 60	61 62 63 64		ml/l	%			$\mu\text{gat/l}$	77	78						
12	0000	1817	22765	1594		658			0.76			38									
	0005	1790	23333	1643		705			0.61												
	0010	1388	24378	1806		715			0.66												
	0015	0484	29693	2351		348			1.03												
	0020	0439	31281	2481		364			2.18												
	0023	0431	31890	2531		384			1.73												
BT Slide Th 139/358/70, N 58° 15.58' E 11° 49.24' Observer Engström																					

13 "Thetis"
77 Sweden

1970

Station
Byfjorden

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64
0135	58	20	011	53	0	970	06	25	13	0059	00	006	18	06	165			68	2	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t		Oxygen		pH	Tot.P H ₂ S		Sat. method	Extra info.								
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42	43 44 45	58 59 60	61 62 63 64		ml/l	%			$\mu\text{gat/l}$	$\mu\text{gat/l}$	77	78				
13	0000	1965	22463	1535		618			1.54			3 3								
	0005	1964	22533	1541		608			1.01											
	0010	0773	25615	1999		307			1.38											
	0015	0480	30085	2383		0			0.5		68.3									
	0020	0450	30753	2439		0			6.20		18.0									
	0030	0434	31001	2460		080			5.00		0									
	0040	0435	31155	2472		0			6.90		10.4									
	0047	0437	31179	2474		0			8.90		55.5									
BT Slide Th 140/358/70, Observer: Engström																				

13 Thetis
77 Sweden

1970

Station
Fj. 49a 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	60	61				
0136	58	11	011	51	0		970	06	26	07	0024	00	010	27	10	160						1	42	0
Obs. time	Obs. depth	Temp.			Sol.	σ_t	Oxygen		pH	Tot.P		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			$\mu\text{gat/l}$	77	78								
07	0000	1838	24010	1684	635					0.55			38											
	0005	1834	24016	1685	637					0.53														
	0010	1805	24149	1702	639					0.51														
	0015	0678	29295	2299	456					0.92														
	0022	0507	31249	2472	396					1.83														
BT Slide Th 141/358/70, N 58° 11' E 11° 51.04' Observer Engström																								

13 "Thetis"
77 Sweden

1970

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	60	61				
0137	58	08	011	50	0		970	06	26	07	0048	00	012	27	10	165						14	2	0
Obs. time	Obs. depth	Temp.			Sol.	σ_t	Oxygen		pH	Tot.P		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			$\mu\text{gat/l}$	77	78								
07	0000	1889	23510	1634	616					0.53			38											
	0005	1890	23510	1634	604					0.53														
	0010	1879	23601	1643	609					0.53														
	0015	1746	24361	1731	604					0.65														
	0020	0771	29589	2311	478					1.10														
	0030	0736	29926	2341	475					1.11														
BT Slide Th 142/358/70, N 58° 07.82 E 11° 50.23' Observer: Lagergren																								

13 "Thetis"

77 Sweden

1970

Station

Fj. 51 Askeröfjord

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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
0138	58	04	011	47	0	970	06	26	08	0025	00	015	27	10	165		1	42	0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Tot.P		Sal. method	Extra info.									
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58			59 60	61 62 63 64	$\mu\text{gat/l}$	77 78					
08	0000	1868	23110	1608		610					0.46									38
	0005	1868	23101	1608		617					0.53									
	0010	1866	23145	1612		610					0.44									
	0015	1868	23428	1632		603					0.44									
	0020	1100	28123	2149		511					0.94									
	0023	0940	28881	2230		496					1.13									
BT Slide Th 143/358/70, N 58° 04.23' E 11° 47.2' Observer: Engström																				

13 "Thetis"

77 Sweden

1970

Station

Fj 52 Hakefjord

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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
0139	57	59	011	46	0	970	06	26	09	0030	00	018	27	18	170		14	2	0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Tot.P		Sal. method	Extra info.									
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58			59 60	61 62 63 64	$\mu\text{gat/l}$	77 78					
09	0000	1846	22523	1568		621					0.46									38
	0005	1847	22572	1572		617					0.46									
	0010	1854	22795	1588		619					0.51									
	0015	1866	22880	1591		611					0.41									
	0020	1328	26955	2016		549					0.91									
	0027	0593	33111	2609		547					1.40									
BT Slide Th 144/358/70, N 57° 59.38' E 11° 45.7' Observer Engström																				

20 "TV 252"

1970

Station

77 Sweden

Hällsundsudde

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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
0003	57	20	012	01	0	970	04	19	18	0034	99		23	12				1	29	9	
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								
18	0000	048	16867	1340			928													3	0
	0010	032	18941	1512			892														
	0020	033	33724	2685			665														
	0030	029	33847	2699			682														
BT Slide TV 252 3/10874/70 N 57°20.25' E 12°00.85'																					

20 "TV 252"

1970

Station

77 Sweden

Hällsundsudde

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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
0004	57	20	012	01	0	970	04	27	07	0034	00		23	04				2	8	99	
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	053	08548	0680			877													3	0
	0010	044	19225	1529			836														
	0020	029	34011	2712			684														
	0030	030	34278	2733			674														
BT Slide TV 252 4/10874/70 N 57°20.25' E 12°00.85'																					

20 "TV 252"
77 Sweden

1971

Station
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	58	59				
0007	57	11	011	40	0		970	05	15	18	0072	01			99	02						1	2	09
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											
18	0000	104	19858	1515			756					3	0											
	0010	039	31959	2541			848																	
	0020	034	33489	2666			757																	
	0030	029	33809	2696			724																	
	0040	027	33901	2705			714																	
	0050	031	34181	2724			692																	
	0060	041	34707	2759			697																	
	0070	045	34864	2764			696																	
BT Slide TV 252 7/10874/70												N 57°11.4' E 11°40'												

20 "TV 252"
77 Sweden

1970

Station
Hällsundsudde

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. 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				
0008	57	20	012	01	0		970	05	15	20	0034	00			05	02						1	4	09
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	109	15247	1152			795					3	0											
	0010	069	20727	1625			783																	
	0020	030	33615	2680			653																	
	0030	0285	33714	2689			667																	
BT Slide TV 252 8/10874/70												N 57°20.25' E 12° 00.85'												

20 "TV 252"

1970

Station

77 Sweden

Hållsundsudde

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N 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				
0011	57	20	012	01	0	970	06	01	09	0034	00			27	10				2	84	g			
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH													Sal. method	Extra info.		
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63	64												77	78
09	0000	113	20521	1552	726												3	0						
	0010	077	25849	2618	797																			
	0020	036	33197	2641	692																			
	0030	0335	33565	2673	655																			
BT Slide TV 252 11/10874/70 N 57° 20.25' E 12°00.85'																								

20 "TV 252"

1970

Station

77 Sweden

Hållsundsudde

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N 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				
0012	57	20	012	01	0	970	06	08	16	0034	00		09	04				1	2	2	g			
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	1615	16620	1169	724												3	0						
	0010	141	22075	1625	762																			
	0020	0435	32280	2561	690																			
	0030	035	33334	2652	582																			
BT Slide TV 252 12/10874/70 N 57°20.25' E 12°00.85'																								

