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Ödsmål. Kville sn, Bohuslän

Hällristning
Fiskare från
bronsåldern

Rock carving
Bronze age
fishermen

INKOM TILL
FISKERIINTENDENTEN
I VÄSTERHAVETS DISTRIKT

24 APR. 1970



**MEDDELANDE från
HAVSFISKELABORATORIET • LYSEKIL**

nr
80

Hydrografiska avdelningen, Göteborg

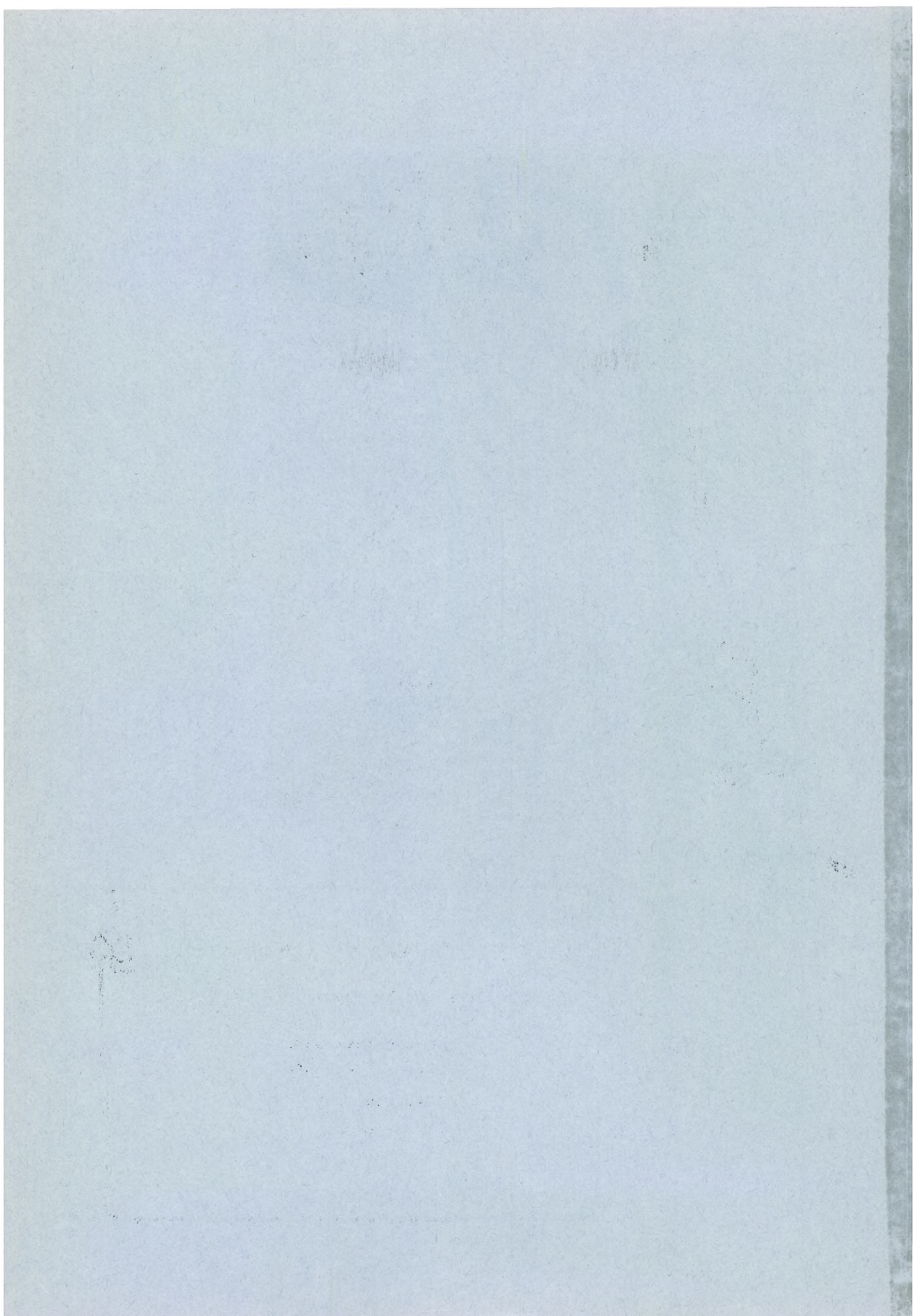
Hydrographical Data

January - June 1969

R.V. Skagerak

R.V. Thetis

March 1970



EXPLANATION TO THE DATA LISTS.

The lists are based on ICES oceanographic punch cards.

Explanation to headline numbers for general information.

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

0 - N and E

1 - N and W

2 - S and E

3 - S and W

In this connexion the following rules are followed:

0° Latitude is taken as N

0° Longitude is taken as E

180° Longitude is taken as W.

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

22-23. Month.

24-25. Day

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

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

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

0 m. - 50 m. 00

51 m. - 150 m. 01

151 m. - 250 m. 02

etc.

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

59° 00'

8° 30'

1° 00'

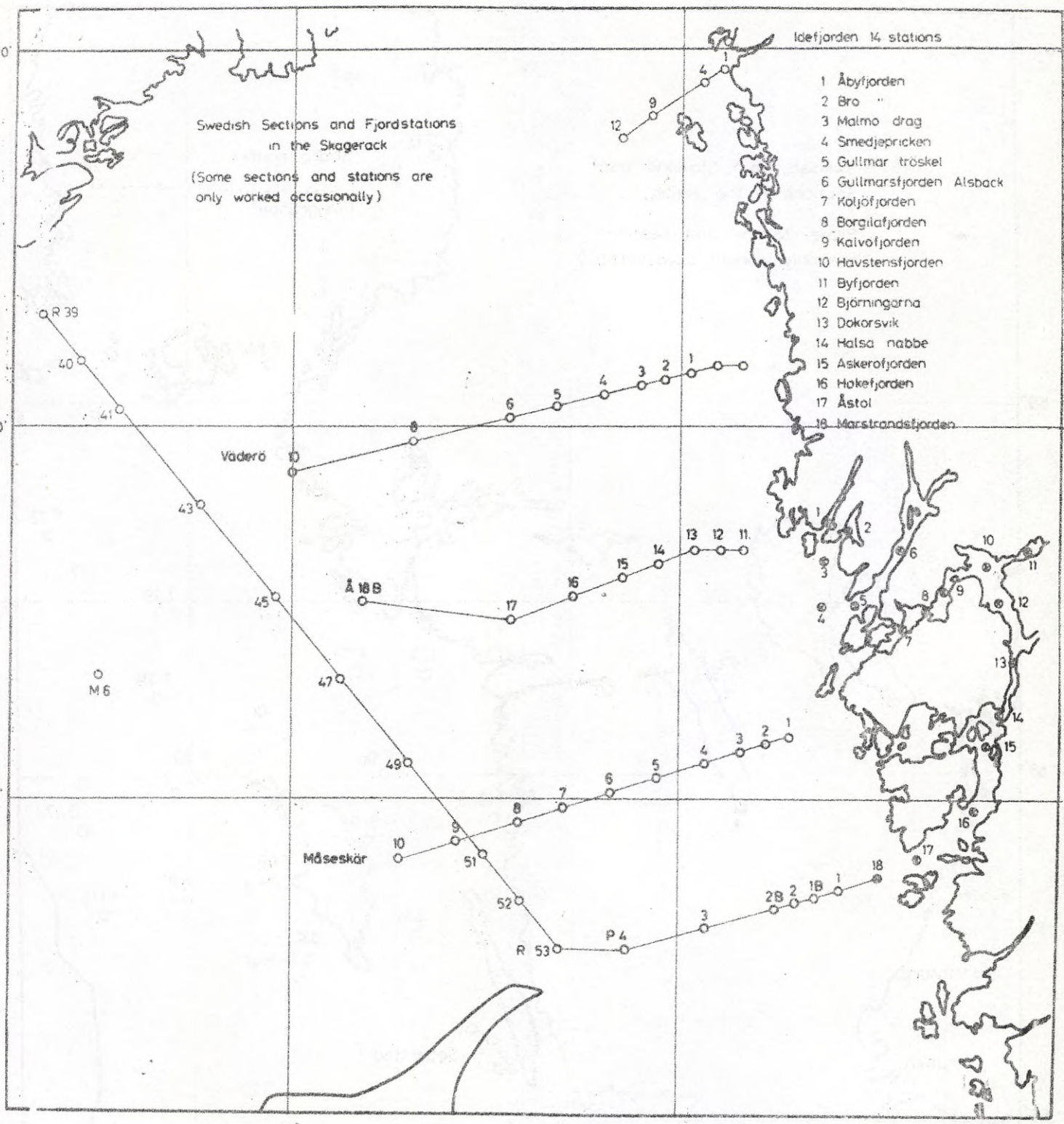
10°

11°

Idelfjorden 14 stations

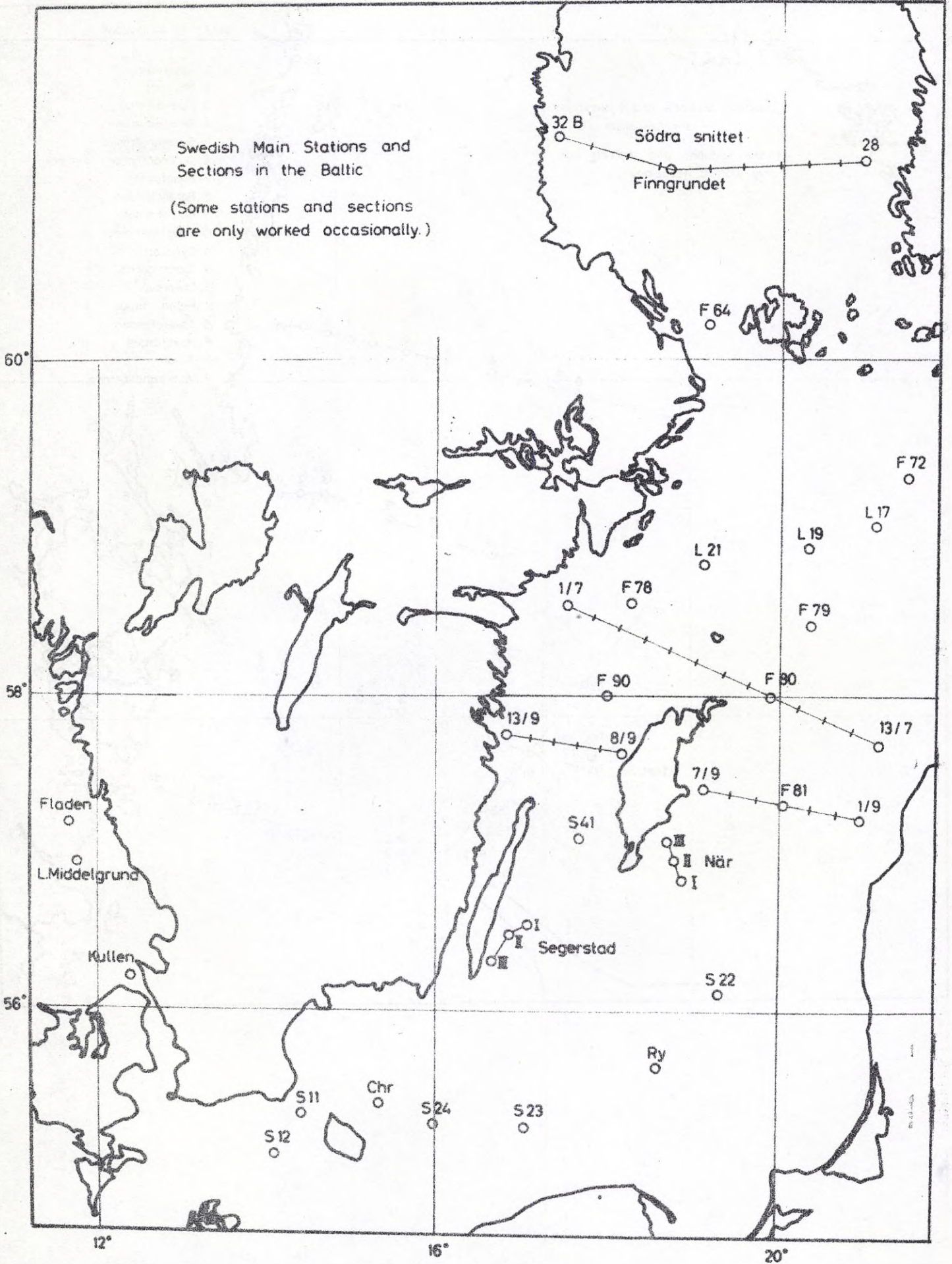
Swedish Sections and Fjordstations
in the Skagerack
(Some sections and stations are
only worked occasionally)

- 1 Åbyfjorden
- 2 Bro "
- 3 Malmo drag
- 4 Smedjepricken
- 5 Gullmar tröskel
- 6 Gullmarsfjorden Alsback
- 7 Koljöfjorden
- 8 Borgilafjorden
- 9 Kaivofjorden
- 10 Havstensfjorden
- 11 Byfjorden
- 12 Björningarna
- 13 Dokorsvik
- 14 Halså nabbe
- 15 Askerofjorden
- 16 Høkefjorden
- 17 Åstol
- 18 Marstrandfjorden



Swedish Main Stations and Sections in the Baltic

(Some stations and sections are only worked occasionally.)



11 "Skagerak"

77 Sweden

1969

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																				
	Dir.		Sp. kn.	Dry bulb		Wet bulb																																							
	5	6	7	8	9	10	11		12	13	14					15	16	17	18	19	20					21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0001	57	12	011	40	0	969	01	20	14	0075	01	015	14	14	020														2	83	0														
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	$PO_4\text{-P}$ $\mu\text{gat/l}$	Tot.P $\mu\text{gat/l}$	$Si\ O_2$ $\mu\text{gat/l}$	method	Extra info.																																	
					ml/l	%																																							
14	0000	0111	20152	1616		869		789	0.52	0.80	12.98	33																																	
	0005	0103	20160	1617		864		806	0.52	0.76	7.45																																		
	0010	0104	20206	1621		875		816	0.57	0.74	6.98																																		
	0015	0110	21149	1696		852		819	0.58	0.92	10.75																																		
	0020	0515	32238	2549		679		822	0.66	1.03	5.47																																		
	0030	0627	34069	2681		645		825	0.65	0.95	3.18																																		
	0040	0663	34177	2685		625		822	0.74	0.87	3.57																																		
	0050	0682	34356	2696		625		830	0.74	1.02	5.11																																		
	0060	0682	34646	2720		632		831	0.75	1.14	8.48																																		
	0070	0772	34686	2723		625		833	0.78	1.04	6.25																																		
									$NO_3\text{-N}$																																				
									$\mu\text{gat/l}$																																				
	0000								3.47																																				
	0005								2.67																																				
	0010								2.47																																				
	0015								3.88																																				
	0020								4.74																																				
	0030								2.78																																				
	0040								2.67																																				
	0050								3.23																																				
	0060								4.38																																				
	0070								4.49																																				
									BT Slide Sk 1/11601/69																																				
									Observer Allersand																																				
									N 57° 11.5'																																				
									E 11° 40'																																				

11 "Skagerak"

77 Sweden

1969

Station

L: 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	51	52					53	54	55	56
0002	56	58		011	46	0		969	01	20	16	01000	01	010	14	20	010								2	83	0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P μgat/l	Soil. method	Extra info.																		
26	27	28	29	30	31	32					33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62
16	0000	0115	20725	1663			862								837	0.52												34
	0005	0109	20726	1663			855								835	0.53												
	0010	0110	20729	1663			862								835	0.53												
	0015	0447	30929	2452			684								832	0.61												
	0020	0510	32958	2607			677								831	0.67												
	0030	0567	33540	2646			654								831	0.67												
	0040	0606	33808	2663			629								832	0.71												
	0050	0639	34175	2688			626								830	0.73												
	0060	0650	34308	2697			636								830	0.74												
	0070	0739	34374	2689			626								830	0.80												
										BT Slide Sk 2/11601/69																		
										Observer Allersand																		
										N 56° 57.5'																		
										E 11° 45.5'																		

11 "Skagerak"

77 Sweden

1969

Station

Kullen

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0003	56	14	012	22	0	969	01	20	22	0024	00	007	14	20	012							2	8	3	0			
Obs. time	Obs. depth	Temp.		Sal.	σ_t		Oxygen		pH	PO ₄ -P	Tot.P	Si	O 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
22	0000	0197	14426	1160	868				835	0.74	1.06	7.58			33													
	0005	0197	14642	1175	861				832	0.75	0.93	7.39																
	0010	0205	24500	1961	728				826	0.66	0.93	7.49																
	0015	0702	34190	2680	580				823	0.86	1.10	6.35																
	0020	0725	34190	2678	596				823	0.90	1.15	5.40																
										NO ₃ -N																		
										μgat/l																		
	0000									2.97																		
	0005									3.02																		
	0010									4.03																		
	0015									4.68																		
	0020									3.27																		
										BT Slide Sk 3/399/69																		
										Observer Allersand																		
										N 56° 14'																		
										E 12° 22.2'																		

11 "Skagerak"

77 Sweden

1969

Station

BY 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				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59	60	61 62	63 64	
0004	55	00	013	18	0	969	01	21	08	0045	00	040	14	18	009	019	2	8	30	
Obs. time	Obs. depth	Temp.	Sol.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Si O 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 57 60		61 62 63 64	μgat/l	μgat/l			μgat/l	77 78						
08	0000	0209	0789	0635	870		782	0.22	0.98	11.07		13								
	0005	0211	0788	0635	911		794	0.23	0.91	15.65										
	0010	0214	0788	0635	899		803	0.23	0.62	12.45										
	0015	0242	0792	0638	892		808	0.23	0.77	7.36										
	0020	0253	0804	0647	884		811	0.23	0.71	8.31										
	0030	0254	0807	0650	828		813	0.22	0.73	9.50										
	0040	0303	0816	0657	891		814	0.23	0.82	7.00										
												BT Slide Sk 4/399/69								
												Observer Allersand								
												NO ₃ -N								
												μgat/l								
	0000							2.55												
	0005							2.60												
	0010							2.48												
	0015							2.55												
	0020							2.55												
	0030							3.27												
	0040							2.10												

11 "Skagerak"

77 Sweden

1969

Station

BY 2 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
0005	55	00		014	05	0		969	01	21	12	0047	00	024	14	18	020								2	7	30			
Obs. time	Obs. depth	Temp.			Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Si O ₂	Sol. method	Extra info.																
						ml/l	%	μ gat/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
12	0000	0168	0787	0633	910	824	0.25	1.04	10.15	1	3																			
	0005	0165	0785	0633	918	824	0.23	0.97	16.10																					
	0010	0169	0787	0633	911	823	0.29	0.61	9.31																					
	0015	0168	0787	0633	910	823	0.29	0.61	12.62																					
	0020	0178	0788	0634	914	822	0.24	0.56	10.24																					
	0030	0235	0792	0638	890	827	0.24	0.53	9.41																					
	0040	0473	1330	1059	744	809	0.52	0.68	13.51																					
	0045	0591	1507	1191	660	801	0.69	0.90	16.77																					
	0000						NO ₃ -N	Alkal.																						
	0005						μ gat/l	Mval/l																						
	0010						3.13	1.584																						
	0015						5.35	1.579																						
	0020						3.00	1.590																						
	0030						4.00	1.579																						
	0040						3.04	1.590																						
	0045						3.04	1.638																						
							4.18	1.757																						
							4.67	1.808																						
BT Slide Sk 5/399/69																														
Observer Engström																														

11 "Skagerak"

Station

77 Sweden

1969

BY 3 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	Stress of sea	Ice
	0	1	0	1		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54				
0006	55	18	014	24	0	969	01	21	16	0047	00	015	16	24	022					2	84	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							
16	0000	0327	0734	0592	906				821	0.25	1	4										
	0005	0325	0732	0590	879				820	0.18												
	0010	0328	0733	0591	879				820	0.24												
	0015	0331	0733	0591	870				819	0.17												
	0020	0340	0734	0591	867				819	0.29												
	0030	0385	0739	0594	853				819	0.30												
	0040	0401	0745	0599	852				819	0.19												
	0045	0476	1076	0859	747				808	0.23												
												BT Slide Sk 6/399/69 Observer Engström N 55° 17.5' E 14° 24'										

11 "Skagerak"

77 Sweden

1969

Station

BY 4 B

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																					
	5	6	7	8	9	10		11	12	13					14	15	16	17	18	19					20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0007	55	23	015	20	0	969	01	21	20	0092	01	036	16	26	020	2	8	40																											
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Si	O ₂	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														
20	0000	0386	0758	0609	866			825	0.20	0.53	6.45		13																																
	0005	0381	0757	0609	871			825	0.17	0.68	6.45																																		
	0010	0386	0757	0609	867			824	0.17	0.61	8.12																																		
	0015	0384	0757	0609	875			822	0.21	0.57	8.85																																		
	0020	0383	0757	0609	868			823	0.20	0.55	10.04																																		
	0030	0402	0757	0609	862			822	0.21	0.45	11.43																																		
	0040	0428	0765	0614	843			821	0.21	0.48	9.13																																		
	0050	0701	0943	0740	636			746	0.48	0.64	14.60																																		
	0060	0888	1287	0992	291			759	1.07	1.12	37.70																																		
	0070	0589	1380	1092	606			786	0.80	1.18	25.73																																		
	0080	0842	1491	1156	105			743	2.12	2.12	60.80																																		
	0000								NO ₃ -N	Alkal.																																			
	0005								μgat/l	Mval/l																																			
	0010								1.37	1.539																																			
	0015								1.55	1.574																																			
	0020								1.52	1.548																																			
	0030								1.52	1.534																																			
	0040								1.55	1.534																																			
	0050								1.52	1.542																																			
	0060								2.37	1.553																																			
	0070								1.15	1.553																																			
	0080								2.30	1.615																																			
									3.58	1.763																																			
									6.95	1.776																																			
									4.57	1.895																																			
													BT Slide Sk 7/11601/69																																
													Observer Allersand																																

11 "Skagerak"

77 Sweden

Station

BY 5 B

1969

Hydro Depth Observations (Code 03)

Station No.	Lat.				Long.				N S E W	Date			Station time	Depth to bottom	Max. 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							
	5 6 7 8	9 10	11 12	13 14	15 16	17 18														19 20	21 22	23 24				
0008	55	15	015	59	0	969	01	22	02	0088	01	037	16	28	020			2	84	0						
Obs. time	Obs. depth	Temp.	Sol.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Si O 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	57 60			61 62 63 64	77	78											
02	0000	0369	0758	0610	874			800	0.14	0.51	4.99	1	3													
	0005	0366	0759	0611	864			817	0.12	0.43	8.40															
	0010	0369	0758	0610	864			821	0.12	0.47	10.05															
	0015	0368	0758	0610	875			822	0.13	0.57	5.53															
	0020	0369	0758	0610	869			822	0.12	0.46	9.13															
	0030	0369	0759	0611	867			822	0.23	0.53	9.22															
	0040	0418	0768	0616	847			821	0.24	0.81	10.23															
	0050	0844	0958	0739	531			780	0.58	0.92	19.18															
	0060	0992	1260	0959	330			760	0.83	1.08	29.60															
	0070	0922	1386	1066	286			754	1.21	1.34	37.22															
	0080	0829	1451	1127	210			746	1.61	1.76	51.28															
	0085	0883	1544	1192	239			751	2.41	6.30	44.20															
	0000																									
	0005																									
	0010																									
	0015																									
	0020																									
	0030																									
	0040																									
	0050																									
	0060																									
	0070																									
	0080																									
	0085																									
										NO ₃ -N		Alkal.														
										μgat/l		Mval/l														
										1.42		1.550														
										1.65		1.561														
										1.60		1.545														
										1.85		1.585														
										1.80		1.529														
										2.18		1.542														
										2.72		1.534														
										3.50		1.615														
										4.33		1.741														
										4.67		1.776														
										4.14		1.892														
										4.84		1.873														
												BT Slide Sk 8/11601/69														
												Observer Allersand														

11 "Skagerak"

77 Sweden

1969

Station

B Y 39 B

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58 59
0009	56	07	016	32	0	969	01	22	08	0046	00	033	14	24	X005							7	84	0
Obs. time	Obs. depth	Temp.		Sal.		σ_t			Oxygen		pH	PO ₄ -P		Sol. method	Extra info.									
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63		64	µgat/l			77	78							
08	0000	0301	0701	0566		891					839	0.28			14									
	0005	0298	0701	0566		887					823	0.29												
	0010	0311	0701	0566		883					820	0.34												
	0015	0299	0701	0566		884					818	0.34												
	0020	0300	0701	0566		887					818	0.35												
	0030	0299	0707	0571		884					816	0.35												
	0040	0408	0784	0630		587					773	0.94												
	0045	0471	0792	0634		553					765	1.04												
															BT Slide Sk 9/399/69		Observer Allersand							

11 "Skagerak"

77 Sweden

1969

Station

BY 38 A (S 41)

Hydro Depth Observations (Code 0 3)

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																					
	5	6	7	8	9	10		11	12	13					14	15	16	17	18	19					20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0010	57	07	017	40	0	969	01	22	16	0112	01	050	18	16	000								2	83	0																				
Obs. time	Obs. depth	Temp.	Sal.	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															
16	0000	0290	0696	0561			882			803	0.22	0.70	1.531	1	3																														
	0005	0288	0697	0562			886			803	0.24	0.99	1.491																																
	0010	0288	0697	0562			887			802	0.35	0.75	1.486																																
	0015	0287	0697	0562			880			802	0.34	0.68	1.483																																
	0020	0292	0697	0562			889			802	0.29	0.68	1.499																																
	0030	0294	0697	0562			885			802	0.31	0.58	1.499																																
	0040	0294	0697	0562			883			802	0.24	0.49	1.531																																
	0050	0298	0700	0564			873			802	0.29	0.57	1.480																																
	0060	0405	0811	0651			495			794	0.79	1.08	1.591																																
	0070	0412	0907	0726			236			790	1.67	1.90	1.658																																
	0080	0427	0994	0795			042			788	2.31	2.50	1.709																																
	0090	0436	1026	0822			018			788	2.77	2.41	1.709																																
	0100	0440	1032	0826						787	2.68	2.98	1.741																																
	0105	0565								786	2.59	3.16	1.744																																
											Si O ₂	NO ₃ -N	H ₂ S																																
											μ gat/l	μ gat/l	μ gat/l																																
	0000										9.22	1.95																																	
	0005										11.98	2.10																																	
	0010										7.18	1.80																																	
	0015										14.72	1.60																																	
	0020										17.94	2.10																																	
	0030										15.00	2.00																																	
	0040										14.08	1.85																																	
	0050										16.55	1.70																																	
	0060										31.08	2.10																																	
	0070										43.20	2.20																																	
	0080										56.00	1.65																																	
	0090										64.40	0.35	0.0																																
	0100										67.70	0.35	3.70																																
	0105										65.20	0.25	6.15																																
														BT Slide Sk 10/11601/69																															
														Observer Allersand																															

11 "Skagerak"

77 Sweden

1969

Hydro Depth Observations (Code 03)

Station

BY 34 B (9/9)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	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	40	017	56	0	969	01	22	22	0105	01	053	16	12	010			2	83	0																									
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	H ₂ S µgat/l	Sol. method	Extra info.																																		
26	27	28	29	30	31	32						33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64														
22	0000	0287	0693	0559	889		804	0.29			13																																		
	0005	0281	0693	0559	890		809	0.34																																					
	0010	0280	0693	0559	886		812	0.34																																					
	0015	0287	0693	0559	862		814	0.34																																					
	0020	0284	0693	0559	884		813	0.30																																					
	0030	0287	0695	0560	884		812	0.34																																					
	0040	0285	0698	0562	880		810	0.40																																					
	0050	0288	0698	0562	879		810	0.37																																					
	0060	0430	0769	0617	619		809	0.69																																					
	0070	0408	0873	0699	335		744	1.59																																					
	0080	0403	0932	0746	187		732	2.06																																					
	0090	0444	1028	0822	0		722	3.35	0.20																																				
	0100	0560	1030	0819			721	3.35	1.12																																				
											BT Slide Sk 11/11601/69																																		
											Observer Allersand																																		

11 "Skagerak"

77 Sweden

1969

Station

BY 32 B,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	51	52					53	54	55	56	57
0012	58	00	018	00	00	0		19	01	23	02	0205	02	048	18	12	010									2	82	0	
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P		H ₂ S		Sal. method	Extra info.															
26	27	28	29	30	31	32	33		34	35	36	37			38	39	40	41	42	43	44	45	58	59	60	61	62	63	64
02	0000	0281	0693	0559	898					802	0.34																	1	3
	0005	0277	0693	0559	894					806	0.46																		
	0010	0276	0693	0559	896					810	0.34																		
	0015	0282	0693	0559	887					811	0.37																		
	0020	0281	0694	0560	894					812	0.34																		
	0030	0282	0694	0560	885					812	0.34																		
	0040	0285	0694	0560	889					811	0.32																		
	0050	0438	0755	0605	664					782	0.63																		
	0060	0398	0833	0668	448					754	1.23																		
	0070	0398	0886	0710	296					740	1.72																		
	0080	0416	0969	0775	115					727	2.49																		
	0090	0438	1013	0810	038					722	2.93																		
	0100	0442	1029	0824	009					720	3.00																		
	0125	0450	1046	0837	006					721	3.45																		
	0150	0453	1050	0840	0					721	3.60	4.50																	
	0175	0452	1052	0841						722	3.80	6.08																	
	0190	0453	1052	0841						722	4.15	9.05																	

BT Slide Sk 12/11601/69
Observer Engström

11 "Skagerak"

77 Sweden

1969

Station

BY 31 A (F 78)

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																		
	°	'	"	°	'	"		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	58	59					60	61	62	63	64													
																														8	9	10	11	12	13	14	15	16	17	18	19	20
0013	58	35	018	14	0		969	01	23	07	0459	04	026	09	18	000							7	83	0																	
Obs. time	Obs. depth	Temp.			Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Alkal.	Exp. method	Extra info.																												
26	27	28	29	30	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	0196	0686	0553	918				803	0.27	0.55	1.478		13																												
	0005	0189	0684	0551	917				812	0.25	0.42	1.454																														
	0010	0191	0685	0552	916				826	0.26	0.42	1.467																														
	0015	0194	0685	0552	926				814	0.26	0.44	1.467																														
	0020	0195	0685	0552	915				827	0.21	0.53	1.494																														
	0030	0201	0686	0553	912				825	0.27	0.53	1.499																														
	0040	0224	0694	0559	900				826	0.29	0.64	1.494																														
	0050	0346	0717	0577	854				813	0.27	0.58	1.526																														
	0060	0420	0744	0598	739				796	0.42	0.63	1.542																														
	0070	0402	0783	0629	621				777	0.61	0.80	1.579																														
	0080	0379	0839	0673	468				757	0.97	1.08	1.622																														
	0090	0401	0922	0739	249				739	1.78	1.98	1.656																														
	0100	0547	1003	0797	082				730	2.56	2.14	1.688																														
	0125	0464	1067	0853	010				739	3.02	2.41	1.690																														
07	0150	0470	1074	0858	010				727	3.18	2.52	1.717																														
	0175	0468	1075	0859	010				726	3.24	2.98	1.712																														
	0200	0470	1077	0860	010				729	3.24	2.97	1.641																														
	0300		1089							3.30	2.58	1.675																														
	0400	0480	1095	0873					729	3.79	3.62	1.717																														
	0440	0482	1093	0872					735	3.50	2.97	1.736																														

BT Slide Sk 13/11601/69

Observer Engström

11 "Skagerak"

77 Sweden

1969

Station

BY 31 A (F 78)

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb					
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64	
0013	58	35	018	14	0	969	01	23	07	0459	04	026	09	18	000			7	8	3	0
Obs. time	Obs. depth	Temp.		Sal.		σ _t		Oxygen		pH	Si O ₂	NO ₃ -N	H ₂ S	Soil. method	Extra info.						
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	56	57 60		61 62 63 64	μgat/l	μgat/l			μgat/l	77	78			
08	0000										16.56	2.47									
	0005										11.99	1.37									
	0010										14.90	1.95									
	0015										12.62	1.19									
	0020										11.06	1.32									
	0030										18.58	1.85									
	0040										14.46	2.05									
	0050										10.60	1.85									
	0060										15.37	1.55									
	0070										15.19	1.95									
	0080										14.05	2.20									
	0090										48.30	3.45									
	0100										61.90	1.58									
07	0125										65.20	0.65									
	0150										68.30	0.40									
	0175										65.00	0.60									
	0200										66.80	0.25									
	0300										61.70	0.25	1.98								
	0400										70.10	0.35	3.40								
	0440										64.10	0.30	3.58								

11 "Skagerak"

77 Sweden

1969

Station

BY 30 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		
0014	58	47	019	06	0	969	01	23	21	0125	01	033	02	20	040			2	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 63	64	77	78				
21	0000	0203	0692	0558	912			799	0.30			14										
	0005	0206	0693	0559	922			801	0.31													
	0010	0205	0693	0559	918			801	0.29													
	0015	0206	0693	0559	916			812	0.34													
	0020	0205	0694	0560	917			812	0.28													
	0030	0207	0693	0559	914			814	0.28													
	0040	0250	0706	0569	900			815	0.31													
	0050	0271	0709	0571	897			814	0.28													
	0060	0400	0773	0620	664			781	0.55													
	0070	0385	0886	0710	336			785	1.34													
	0080	0408	0956	0765	168			785	2.13													
	0090	0413	0969	0775	155			786	2.30													
	0100	0447	1037	0830	026			785	3.00													
	0115	0448	1040	0832	026			785	2.95													
										BT Slide Sk 14/11601/69												
										Observer Engström												

11 "Skagerak"

77 Sweden

1969

Station

BY 29 A (L 19)

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 : 57	58 59 : 60	61	62	63	64
0015	58	53	020	19	0	969	01	24	04	0170	02	057	36	24	X 068			2	83	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	μgat/l	μgat/l			Mval/l	77	78		
05	0000	0234	0722	0582	902					804	0.19	0.61	1.539		13					
	0005	0231	0721	0582	902					812	0.25	0.36	1.542							
	0010	0232	0721	0582	901					815	0.30	0.49	1.558							
	0015	0234	0720	0581	897					811	0.24	0.56	1.547							
	0020	0235	0721	0582	904					817	0.25	0.43	1.552							
	0030	0258	0723	0583	892					817	0.21	0.54	1.542							
	0040	0257	0723	0583	902					817	0.24	0.50	1.558							
	0050	0264	0724	0584	889					816	0.27	0.34	1.563							
	0060	0264	0844	0679	457					759	0.86	0.97	1.611							
	0070	0413	0972	0778	138					732	1.83	1.91	1.667							
	0080	0447	1033	0826	036					726	2.25	2.32	1.693							
04	0090	0447	1030	0824	037					725	2.47	2.37	1.675							
	0100	0461	1062	0849	019					723	2.64	2.69	1.725							
	0125	0482	1091	0860						723	3.10	3.10	1.688							
	0150	0494	1108	0882						724	3.20	2.67	1.725							
	0160	0679	1108	0871						724	3.30	2.90	1.731							
															BT Slide Sk 15/11601/69					
															Observer Allersand					

11 "Skagerak"

77 Sweden

1969

Station

BY 29 A (L 19)

Hydro Depth Observations (Code 03)

Station No.				Lat.				Long.				N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
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	15	58	53	02	0	19	0	96	9	01	24	04	01	70	02	05	07	36	24	06	8							2	8	3	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Si O ₂	NO ₃ -N	H ₂ S	Sal. method	Extra info.																			
					ml/l	%		μ gat/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			
05	0000																			13.81	1.95										
	0005																			11.43	1.10										
	0010																			14.64	1.90										
	0015																			11.52	1.47										
	0020																			13.90	1.42										
	0030																			14.18	1.47										
	0040																			15.64	1.15										
	0050																			11.80	1.47										
	0060																			29.28	1.90										
	0070																			56.00	2.80										
	0080																			62.00	2.65										
04	0090																			63.90	2.45										
	0100																			64.70	0.30										
	0125																			66.80	0.05	6.93									
	0150																			69.80	0.20	9.55									
	0160																			64.40	0.00	7.02									

11 "Skagerak"

77 Sweden

1969

Station

BY 28 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
0016	59	02	021	05	0	969	01	24	09	0180	02	072	36	18	X	070								28	3	0																			
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	H ₂ S	Sal. method	Extra info.																																		
26	27	28	29	30	31	32	33	34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78															
10	0000	0219	0721	0581	902			797	0.29																	13																			
	0005	0210	0721	0581	903			800	0.28																																				
	0010	0211	0721	0581	910			802	0.28																																				
	0015	0216	0721	0581	904			805	0.22																																				
	0020	0216	0720	0581	916			806	0.23																																				
	0030	0216	0720	0581	905			807	0.23																																				
	0040	0231	0723	0583	902			806	0.24																																				
	0050	0236	0723	0583	897			805	0.24																																				
	0060	0225	0727	0586	903			805	0.25																																				
	0070	0229	0727	0586	897			807	0.25																																				
	0080	0409	0930	0745				731	0.27																																				
	0090	0449	1029	0823	025			716	2.60																																				
09	0100	0466	1055	0843	008			687	3.13																																				
	0125		1086		0				3.42	7.07																																			
	0150	0484	1091	0870				705	3.52	9.40																																			
	0175	0485	1099	0876				707	3.63	10.80																																			
												BT Slide Sk 16/11601/69																																	
												Observer Engström																																	

11 "Skagerak"

77 Sweden

1969

Station

BY 27 A

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature			Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb					
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64	
0017	59	17	021	34	0	969	01	24	13	0170	01	072	36	16	070			2	7	30	
Obs. time	Obs. depth	Temp.	Sal.	σ _t			Oxygen		pH	PO ₄ -P	Tot.P	Alkal.	Salt. method	Extra info.							
26 27	28 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			Mval/l	77	78				
13	0000	0243	0717	0578			890		769	0.19	0.58	1.539	1	3							
	0005	0237	0717	0578			883		799	0.21	0.55	1.521									
	0010	0236	0717	0578			889		804	0.21	0.37	1.534									
	0015	0241	0717	0578			888		803	0.16	0.53	1.521									
	0020	0242	0717	0578			890		804	0.19	0.42	1.534									
	0030	0245	0717	0578			893		804	0.21	0.67	1.529									
	0040	0251	0719	0580			889		804	0.24	0.42	1.531									
	0050	0256	0720	0581			896		804	0.21	0.45	1.544									
	0060	0257	0722	0582			884		805	0.25	0.45										
	0070	0256	0723	0583			892		806	0.29	0.43	1.552									
	0080	0415	0858	0687			386		743	1.48	1.36	1.624									
	0090	0451	1024	0819			035		714	3.03	2.69	1.672									
	0100	0458	1047	0837			019		714	3.27	3.07	1.688									
	0125	0465	1059	0846			011		715	3.50	2.95	1.704									
	0150	0642	1067	0842					714	1.81	3.63	1.717									
										Si O ₂	NO ₃ -N	H ₂ S									
										µgat/l	µgat/l	µgat/l									
	0000									11.43	1.90										
	0005									6.35	1.85										
	0010									14.81	1.70										
	0015									11.88	1.47										
	0020									12.80	1.60										
	0030									10.50	1.80										
	0040									10.97	1.65										
	0050									10.50	2.05										
	0060									13.44	2.52										
	0070									14.63	1.80										
	0080									38.95	2.95										
	0090									80.50	2.55										
	0100									58.50	1.30										
	0125									65.80	0.47										
	0150									75.70	0.30	0.60									

BT Slide Sk 17/11601/69
 Observer Allersand
 N 59° 17.48'
 E 21° 34'

11 "Skagerak"
77 Sweden

1969

Station
BY 26 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
0018	59	22	022	28	0		969	01	24	17	0110	01	030	02	10		115								1	43	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	0047	0682	0546	943				795	0.30		14															
	0005	0047	0683	0547	945				803	0.28																	
	0010	0054	0686	0550	939				805	0.28																	
	0015	0063	0701	0562	932				804	0.29																	
	0020	0047	0707	0566	933				807	0.24																	
	0030	0092	0711	0571	923				806	0.23																	
	0040	0162	0716	0576	911				806	0.25																	
	0050	0180	0717	0577	900				805	0.24																	
	0060	0254	0718	0578	866				802	0.29																	
	0070	0370	0733	0590	783				790	0.39																	
	0080	0406	0831	0666	461				745	1.39																	

BT Slide Sk 18/11601/69
Observer Engström

11 "Skagerak"

77 Sweden

1969

Station

L 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
0019	59	29	022	54	0	969	01	24	20	0089	01	018	02	10	30								1	4	00			
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	Alkal. Mval/l	Sol. method	Extra info.																
26	27	28	29	30	31	32							33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60
20	0000	0009	0698		0558	945		802	0.14	0.47	1.556	1	3															
	0005	0007	0698		0558	943		805	0.14	0.54	1.564																	
	0010	0017	0698		0558	942		806	0.14	0.52	1.548																	
	0015	0019	0698		0558	939		807	0.14	0.59	1.580																	
	0020	0018	0699		0559	932		817	0.18	0.59	1.564																	
	0030	0120	0705		0567	911		808	0.19	0.50	1.556																	
	0040	0149	0708		0569	904		803	0.20	0.54	1.550																	
	0050	0179	0709		0571	893		802	0.19	0.55	1.542																	
	0060	0187	0732		0590	894		802	0.22	0.57	1.561																	
	0070	0369	0733		0590	785		789	0.34	0.64	1.556																	
	0080	0509	0956		0762	126		724	2.27	2.85	1.663																	
										Si O ₂	NO ₃ -N																	
										µgat/l	µgat/l																	
	0000									12.62	1.75																	
	0005									17.75	2.25																	
	0010									16.55	2.48																	
	0015									13.35	2.55																	
	0020									12.98	3.33																	
	0030									14.17	2.60																	
	0040									13.63	1.75																	
	0050									14.73	2.60																	
	0060									15.73	2.75																	
	0070									15.83	2.35																	
	0080									66.80	5.75																	

BT Slide Sk 19/11601/69

Observer Allersand

11 "Skagerak"

Station

77 Sweden

1969

BY 21 B (F 79)

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64
0020	58	27	020	20	0	969	01	25	06	0120	01	055	02	12	050		1	1	30	
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	H ₂ S µgat/l	Sal. method	Extra info.								
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45						ml/l	%	77	78				
06	0000	0218	0717	0578	907			798	0.21			13								
	0005	0212	0717	0578	906			800	0.24											
	0010	0212	0717	0578	904			801	0.24											
	0015	0213	0717	0578	908			802	0.25											
	0020	0217	0716	0578	911			802	0.24											
	0030	0218	0717	0578	905			801	0.24											
	0040	0218	0717	0578	905			803	0.23											
	0050		0717		903				0.18											
	0060	0347	0797	0641	598			755	0.62											
	0070		0893		312				1.39											
	0080	0427	0993	0794	081			713	2.21											
	0090	0462	1058	0846	088			709	2.81											
	0100	0477	1078	0860	009			709	3.05											
	0115	0480	1094	0872				710	3.23	7.48										
												BT Slide Sk 20/11601/69								
												Observer Engström								
												N 58° 25.6'								
												E 20° 20'								

11 "Skagerak"

77 Sweden

1969

Station

BY 20 A (F 80)

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64
0021	58	00	019	54	0	969	01	25	09	0210	02	027	02	12	X 030		1	33	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			Mval/l	77	78				
10	0000	0196	0699	0563	910				790	0.34	0.65	1.464	1	3						
	0005	0195	0699	0563	923				798	0.25	0.53	1.499								
	0010	0192	0699	0563	915				798	0.30	0.48	1.496								
	0015	0198	0699	0563	921				798	0.29	0.54	1.480								
	0020	0200	0699	0563	913				798	0.29	0.57	1.518								
	0030	0198	0715	0576	911				799	0.28	0.53	1.523								
	0040	0152	0721	0580	918				799	0.24	0.50	1.513								
	0050	0344	0791	0636	601				756	0.63	0.77	1.580								
	0060	0365	0864	0693	387				733	1.21	1.04	1.631								
	0070	0384	0912	0731	255				722	1.56	1.47	1.666								
	0080	0441	1008	0805	060				709	2.56	2.52	1.690								
09	0090	0453	1040	0831	031				710	2.80	2.74	1.698								
	0100	0466	1061	0848	018				708	2.70	2.37	1.723								
	0125	0478	1089	0869					708	2.90	2.93	1.723								
	0150	0525	1173	0932					710	3.40	2.94	1.744								
	0175	0538	1195	0949					709	3.30	4.14	1.779								
	0190	0760	1201	0937					711	4.10	4.03	1.774								
										BT Slide Sk 21/876/69										
										Observer Allersand										
										Si O ₂	NO ₃ -N	H ₂ S								
										µgat/l	µgat/l	µgat/l								
10	0000									16.83	2.75									
	0005									13.27	1.95									
	0010									14.99	2.18									
	0015									14.82	1.75									
	0020									15.09	1.75									
	0030									14.55	1.50									
	0040									14.73	1.37									
	0050									18.20	1.80									
	0060									28.90	1.50									
	0070									40.90	2.10									
	0080									65.50	1.95									
09	0090									65.50	2.00									
	0100									53.00	1.05									
	0125									71.40	0.25	0.50								
	0150									68.60	0.15	5.50								
	0175									81.00	0.15	17.45								
	0190									82.80	0.10	29.00								

11 "Skagerak"
77 Sweden

1969

Station
BY 19 B

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																							
	5	6	7	8		9	10	11					12	13	14	15	16	17					18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0022	57	37	020	10	0	969	01	25	13	0155	01	042	02	10	Ø35					1	53	0																							
Obs. time	Obs. depth	Temp.		Sal.	σ _t		Oxygen		pH	PO ₄ -P	H ₂ S	Sal. method	Extra info.																																
26	27	28	29	30	31	32	33	34		35	36			37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
13	0000	0244	0730	0589	900				792	0.23		1	3																																
	0005	0238	0731	0589	894				794	0.22																																			
	0010	0242	0731	0589	901				799	0.18																																			
	0015	0240	0732	0590	895				799	0.16																																			
	0020	0241	0732	0590	890				799	0.18																																			
	0030	0249	0732	0590	889				800	0.17																																			
	0040	0252	0733	0591	891				799	0.16																																			
	0050	0283	0739	0596	883				799	0.16																																			
	0060	0314	0747	0602	840				794	0.18																																			
	0070	0365	0876	0703	353				725	1.16																																			
	0080	0420	0980	0784	094				711	2.17																																			
	0090	0451	1034	0827	025				706	2.38																																			
	0100	0461	1054	0842	018				706	2.65																																			
	0125	0516	1154	0918	0				706	3.41	0.58																																		
	0150	0552	1230	0975					712	5.24	21.15																																		
BT Slide Sk 22/11601/69																																													
Observer Engström																																													

11 "Skagerak"

77 Sweden

1969

Station

BY 15 A (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				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 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	57	20	020	03	0	969	01	25	18	0243	02	035	36	08	040			1	42	0
Obs. time	Obs. depth	Temp.		Sal.		σ _t		Oxygen		pH	Si O ₂	NO ₃ -N	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		
18	0000										8.75	1.00								
	0005										9.50	1.27								
	0010										8.40	1.27								
	0015										11.05	1.55								
	0020										17.10	1.43								
	0030										9.50	1.23								
	0040										12.89	1.47								
	0050										10.79	1.65								
	0060										14.18	1.70								
	0070										30.48	2.15								
	0080										50.70	2.35								
	0090										60.50	2.85								
	0100										42.50	4.50								
	0125										59.40	4.05								
	0150										76.30	0.60	11.3							
	0175										82.00	0.40	18.4							
	0200										84.50	1.05	25.4							
	0225										73.30	0.75	24.0							
	0240										99.30	0.75	51.0							

11 "Skagerak"

77 Sweden

1969

Station

BY 15 A (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				
5 6 7 8	9 10 11 12	13 14 15 16 17	18	19 20 21 22 23 24 25	26 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 ^X	57	20	020	03	0	969	01	25	18	0243	02	035	36	08	X	040			1	4	20	
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			Mval/l	77	78					
18	0000	0231	0729	0588	901			800	0.23	0.41	1.556	13										
	0005	0230	0731	0590	903			802	0.21	0.46	1.577											
	0010	0234	0730	0589	899			802	0.21	0.41	1.534											
	0015	0232	0730	0589	897			800	0.21	0.54	1.561											
	0020	0232	0730	0589	897			802	0.20	0.59	1.545											
	0030	0232	0730	0589	898			802	0.20	0.32	1.558											
	0040	0269	0737	0594	879			801	0.21	0.76	1.542											
	0050	0283	0743	0599	871			798	0.24	0.42	1.540											
	0060	0298	0748	0602	850			792	0.25	0.62	1.572											
	0070	0348	0836	0671	460			737	0.88	1.01	1.593											
	0080	0412	0971	0778	112			713	1.92	1.52	1.685											
	0090	0447	1037	0830	034			707	2.19	1.91	1.706											
	0100	0466	1071	0856	041			705	1.86	1.87	1.739											
	0125	0505	1134	0903	011			707	2.34	2.19	1.731											
	0150	0548	1217	0965				717	3.77	3.82	1.752											
	0175	0561	1242	0984				712	4.40	4.12	1.784											
	0200	0568	1256	0995				651	4.90	5.03	1.817											
	0225	0573	1264	1001				719	5.60	5.52	1.849											
	0240	0579	1270	1005				722	6.30	6.87	1.857											

BT Slide Sk 23/876/69

Observer Engström

11 "Skagerak"

77 Sweden

1969

Station

By 15 A (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	Year					Mo.	Day	Dir.	Sp. kn.
0024	57	20	020	03	0	969	01	25	21	0243	02	038	36	10	X	030											27	20
Obs. time	Obs. depth	Temp.	Sal.	σ_t			Oxygen		pH	PO ₄ -P	H ₂ S	Sol. method	Extra info.															
26	27	28	29	30	31	32	33	34		35	36			37	38	39	40	41	42	43	44	45	58	59	60	61	62	63
21	0000	0222	0728	0587			855			0.21																		
	0005	0231	0729	0588			900			0.20																		
	0030	0232	0729	0588			895			0.21																		
	0050	0283	0744	0600			878			0.20																		
	0070	0344	0832	0668			484			0.89																		
	0100	0462	1067	0853			029			1.99																		
	0125	0511	1139	0904			012			2.21																		
	0150	0548	1217	0965						4.50	16.60																	
	0175	0562	1239	0982						5.00	22.80																	
	0200	0571	1254	0993						5.70	27.10																	
	0225	0576	1263	1000						6.10	33.50																	
	0240	0578	1272	1006						7.60	57.80																	
													BT Slide Sk. 26/876/69															
													Observer Engström															

11 "Skagerak"

77 Sweden

1969

Station

BY 15 A (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																							
	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
0025	57	20	020	03	0	969	01	26	03	0243	02	023	14	10	X	040				7	62	0																							
Obs. time	Obs. depth	Temp.		Sal.	σ_t		Oxygen		pH	PO ₄ -P	H ₂ S	Sal. method	Extra info.																																
26	27	28	29	30	31	32	33	34		35	36			37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
03	0000	0204	0728	0587	898					0.21		1	3																																
	0010	0209	0728	0587	898					0.20																																			
	0030	0232	0729	0588	897					0.21																																			
	0050	0270	0742	0598	884					0.20																																			
	0070	0342	0820	0660	520					0.73																																			
	0100	0457	1064	0851	471					1.88																																			
	0125		1137		011					2.35																																			
	0150	0544	1207	0957						4.46	9.65																																		
	0175	0561	1239	0982						4.87	21.50																																		
	0200	0572	1253	0992						5.50	25.00																																		
	0225	0577	1264	1001						7.00	43.50																																		
	0240	0577	1267	1003						6.96	45.00																																		
													BT Slide Sk 32/876/69																																
													Observer Engström																																

11 "Skagerak"

Station

77 Sweden

1969

BY 15 A (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					55 56	57 58 59	60	61
0027	57	20	020	03	0	969	01	26	06	0243	02	028	14	10	035									2	82	0
Obs. time	Obs. depth		Temp.		Sat.	σ_t		Oxygen		pH	PO ₄ -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	μgat/l			μgat/l	77	78									
06	0000	0205	0728	0587	900						0.20			1	3											
	0010	0211	0728	0587	900						0.19															
	0030	0231	0730	0589	896						0.21															
	0050	0273	0743	0599	879						0.20															
	0070	0343	0821	0660	505						0.76															
	0100	0459	1075	0859	046						1.94															
	0125	0510	1137	0905	091						3.34															
	0150	0545	1209	0959							4.31	16.30														
	0175	0560	1237	0981							4.94	29.00														
	0200	0570	1252	0991							5.55	31.40														
	0225	0575	1265	1002							6.67	50.00														
	0240	0575	1265	1002							6.50	50.50														
														BT Slide Sk 35/876/69												
														Observer Engström												

11 "Skagerak"

77 Sweden

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Station

BY 15 A (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	55 56					57	58 59	60	61	62	63	64
0028	57	20	020	03	0	969	01	26	09	0243	02	029	16	18	X	040						2	83	0								

Obs. time	Obs. depth	Temp.	Sal.	σ _t	Oxygen		pH	PO ₄ -P μgat/l	H ₂ S μgat/l	Sal. method	Extra info.
					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	0211	0729	0588	901			0.25		1	3
	0010	0213	0728	0587	902			0.18			
	0030	0238	0729	0588	896			0.22			
	0050	0263	0739	0596	886			0.23			
	0070	0321	0773	0622	716			0.75			
	0100	0455	1056	0845	056			1.88			
	0125	0504	1128	0898	016			3.22			
	0150	0547	1206	0956				4.48	12.70		
	0175	0560	1236	0980				5.20	31.00		
	0200	0569	1252	0992				5.78	33.50		
	0225	0574	1262	0999				7.10	45.00		
	0240	0855	1266	0979				7.47	55.50		

BT Slide Sk 38/876/69
Observer Allersand

11 "Skagerak"

77 Sweden

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Station

BY 15 A (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							
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 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	20	020	03	0	969	01	26	12	0243	02	041	16	20	X 030			28	3	0
------	----	----	-----	----	---	-----	----	----	----	------	----	-----	----	----	----------	--	--	----	---	---

Obs. time	Obs. depth	Temp.	Sal.	σ _t	Oxygen		pH	PO ₄ -P µgat/l	H ₂ S µgat/l	Sal. method	Extra info.
					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	0209	0729	0588	907		0.28		1	3
	0010	0215	0729	0588	900		0.18			
	0030	0220	0729	0588	901		0.18			
	0050	0269	0741	0597	891		0.18			
	0070	0348	0815	0655	542		0.67			
	0100	0454	1058	0846	059		1.79			
	0125	0511	1139	0906	022		2.50			
	0150	0543	1207	0957			4.40	12.80		
	0175	0558	1238	0982			5.00	29.80		
	0200	0568	1253	0992			5.82	39.00		
	0225	0573	1262	1000			6.40	43.50		
	0240	0574	1266	1002			6.90	51.00		

BT Slide Sk 41/876/69

Observer Engström

11 "Skagerak"

77 Sweden

1969

Station

BY 15 A (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																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	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	20	020	03	0	969	01	26	15	0030	02	047	18	22	010			2	83	0																									
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P	H ₂ S	Sol. method	Extra info.																																	
26	27	28	29	30	31	32	33		34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
15	0000	0215	0729	0588	899				0.15			13																																	
	0010	0216	0729	0588	901				0.11																																				
	0030	0222	0729	0588	899				0.10																																				
	0050	0279	0739	0596	893				0.16																																				
	0070	0342	0817	0657	524				0.58																																				
	0100	0459	1065	0852	061				1.41																																				
	0125	0508	1138	0906	008				2.43																																				
	0150	0543	1203	0955					3.00	13.50																																			
	0175	0560	1237	0981					3.35	28.50																																			
	0200	0570	1253	0992					3.70	27.00																																			
	0225	0574	1261	0999					4.04	42.30																																			
	0240	0573	1264	1001					4.15	49.30																																			
										BT Slide Sk 44/876/69																																			
										Observer Engström																																			

11 "Skagerak"

77 Sweden

1969

Station

BY 15 A (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	55
0031	57	20	020	03	0	969	01	26	18	0243	02	046	16	22	010								2	83	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t		Oxygen		pH	PO ₄ -P	H ₂ S	Sal. method	Extra info.													
						ml/l	%		$\mu\text{gat}/1$	$\mu\text{gat}/1$															
18	0000	0227	0729	0588		900			0.18			13													
	0010	0226	0730	0589		903			0.14																
	0030	0236	0731	0589		893			0.11																
	0050	0275	0736	0593		868			0.25																
	0070	0335	0778	0626		686			0.32																
	0100	0457	1059	0847		060			1.65																
	0125	0505	1132	0901		017			2.23																
	0150	0540	1202	0954					3.78	9.70															
	0175	0560	1237	0981					4.57	30.00															
	0200	0569	1252	0992					5.00	27.00															
	0225	0574	1260	0997					5.54	42.00															
	0240	0573	1266	1002					5.85	53.60															
										BT Slide Sk 47/876/69															
										Observer Allersand															

11 "Skagerak"

77 Sweden

1969

Station

BY 15 A (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
0032	57	20	020	03	0	969	01	26	22	0245	02	046	20	32	010									2	84	0																			
Obs. time	Obs. depth	Temp.	Sal.	O ₂		Oxygen		pH		PO ₄ -P		H ₂ S		Sal. method	Extra info.																														
26	27	28	29	30	31	32	33	34	35	36	37	38	39			40	41	42	43	44	45	58	59	60	61	62	63	64	77	78															
22	0000	0220	0728	0587		908				0.30																																			
	0010	0220	0729	0588		903				0.17																																			
	0030	0227	0729	0588		896				0.21																																			
	0050	0266	0738	0594		890				0.16																																			
	0070	0345	0820	0660		520				0.75																																			
	0100	0460	1061	0848		044				1.70																																			
	0125	0504	1132	0901		017				2.52																																			
	0150	0542	1203	0954						4.05		11.40																																	
	0175	0558	1236	0980						5.50		29.20																																	
	0200	0568	1252	0992						5.80		37.50																																	
	0225	0574	1262	0999						6.44		44.00																																	
	0240	0577	1266	1002						6.80		51.00																																	
BT Slide Sk 50/876/69																																													
Observer Engström																																													

11 "Skagerak"

77 Sweden

1969

Station

BY 15 A (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	58				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 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	20	020	03	0	969	01	26	24	0243	02	050	25	30	010				2	8	4	0
Obs. time	Obs. depth		Temp.			Sal.	σ_t		Oxygen		pH	PO ₄ -P		H ₂ S		Sol. method	Extra info.					
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63 64		μgat/l	μgat/l					77 78				
24	0000	0223	0728	0587	907															1	3	
	0010	0223	0728	0587	904																	
	0030	0223	0728	0587	905																	
	0050	0233	0729	0588	900																	
	0070	0346	0827	0664	502																	
	0100	0459	1065	0851	053																	
	0125	0504	1130	0900	011																	
	0150	0540	1205	0956									4.72	14.80								
	0175	0560	1236	0980									5.12	28.00								
	0200	0570	1255	0994									6.21	35.20								
	0225	0574	1262	0999									6.48	41.50								
	0240	0575	1266	1002									7.25	49.60								

BT Slide Sk 52/876/69
Observer Engström

11 "Skagerak"

77 Sweden

1969

Station

BY 15 A (F 81)

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	60	61					62	63
0034	57	20	020	03	0	969	01	27	03	0243	02	050	23	26	015							2	85	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P H ₂ S		Sali. 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	%		58 59 60	61 62 63 64			77	78											
03	0000	0236	0732	0590	898				0.20			1	3											
	0010	0237	0732	0590	902				0.27															
	0030	0236	0733	0591	892				0.26															
	0050	0243	0735	0592	892				0.26															
	0070	0341	0818	0658	528				0.81															
	0100	0459	1064	0851	056				1.97															
	0125	0511	1141	0907	015				2.30															
	0150	0545	1209	0959					4.46	17.30														
	0175	0561	1241	0983					3.07	30.50														
	0200	0571	1256	0995					5.78	36.50														
	0225	0577	1265	1002					6.45	45.00														
	0240	0584	1269	1004					7.16	66.60														
												BT Slide Sk 55/876/69												
												Observer Allersand												

11 "Skagerak"

77 Sweden

1969

Hydro Depth Observations (Code 03)

Station

BY 15 A (F 81)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0035	57	20	020	03	0	969	01	27	06	0243	02	057	23	22	020							4	84	0																					
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P μgat/l	H ₂ S μgat/l	Sal. method	Extra info.																																		
26	27	28	29	30	31	32						33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64														
06	0000	0217	0732	0590	909			0.36			13																																		
	0010	0231	0732	0590	903			0.25																																					
	0030	0235	0733	0591	905			0.16																																					
	0050	0231	0741	0598	903			0.17																																					
	0070	0347	0786	0632	652			0.42																																					
	0100	0456	1075	0859	044			1.88																																					
	0125	0502	1133	0902	020			2.23																																					
	0150	0539	1200	0952				3.83	6.90																																				
	0175	0559	1237	0981				5.05	25.70																																				
	0200	0572	1255	0994				5.33	35.00																																				
	0225	0575	1263	1000				5.85	38.50																																				
	0240	0579	1267	1003				6.64	63.60																																				
BT Slide Sk 58/876/69 Observer Allersand																																													

11 "Skagerak"

77 Sweden

1969

Station

BY 15 A (F 81)

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	58	59	60					61																				
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0036	57	20	020	03	0	969	01	27	10	0243	02	064	23	18	025						4	84	0																						
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	H ₂ S	Sal. method	Extra info.																																		
		ml/l	%	µgat/l	µgat/l	77	78																																						
10	0000	0233	0732	0590	904			0.23		1	3																																		
	0010	0232	0732	0590	899			0.17																																					
	0030	0236	0733	0591	905			0.14																																					
	0050	0235	0735	0592	903			0.12																																					
	0070	0338	0794	0639	623			0.48																																					
	0100	0461	1058	0846	030			2.18																																					
	0125	0505	1133	0902	013			2.26																																					
	0150	0540	1201	0953				4.50	13.90																																				
	0175	0560	1237	0981				4.70	30.50																																				
	0200	0569	1253	0992				5.40	35.50																																				
	0225	0573	1259	0997				5.80	41.50																																				
	0240	0574	1266	1002				6.40	53.00																																				
BT Slide Sk 61/876/69																																													
Observer Engström																																													

11 "Skagerak"

77 Sweden

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Station

BY 15 A (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
0037	57	20	020	03	0	969	01	27	12	0243	02	062	23	20	025						4	8	40																						
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	H ₂ S	Sol. method	Extra info.																																		
26	27	28	29	30	31	32		33	34			35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
12	0000	0230	0732	0590	901			0.14			13																																		
	0010	0228	0731	0589	905			0.15																																					
	0030	0232	0733	0591	899			0.39																																					
	0050	0236	0733	0591	899			0.14																																					
	0070	0339	0807	0649	565			0.58																																					
	0100	0416	1062	0851	026			2.20																																					
	0125	0508	1137	0905	017			2.35																																					
	0150	0541	1203	0954				4.41	16.10																																				
	0175	0561	1236	0979				4.74	30.00																																				
	0200	0572	1257	0995				5.67	36.50																																				
	0225	0584	1261	0997				5.78	41.80																																				
	0240	0576	1265	1001				6.63	57.00																																				
											BT Slide Sk 63/876/69																																		
											Observer Allersand																																		

11 "Skagerak"

77 Sweden

1969

Station

BY 15 A (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	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
0038	57	20	020	03	0	969	01	27	15	0243	02	062	23	22	035																								4	8	40				
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	H ₂ S µgat/l	Saf. method	Extra info.																																	
26	27	28	29	30	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	0230	0732	0590	900					0.16		1	3																																
	0010	0228	0732	0590	913					0.15																																			
	0030	0232	0733	0591	906					0.16																																			
	0050	0237	0736	0593	902					0.16																																			
	0070	0338	0807	0648	570					0.64																																			
	0100	0465	1060	0847	020					2.19																																			
	0125	0516	1132	0901	017					2.25																																			
	0150	0543	1204	0955						3.98	15.35																																		
	0175	0560	1238	0981						5.10	33.20																																		
	0200	0569	1252	0992						5.50	36.00																																		
	0225	0574	1259	0997						6.35	39.40																																		
	0240	0576	1267	1003						7.05	56.70																																		

BT Slide Sk 66/876/69

Observer Allersand

11 "Skagerak"

77 Sweden

1969

Station

BY 15 A (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
0039 ^X	57	20	02	0	03	0	0	0	969	01	27	18	0243	02	063		23	18	025						2	83	0																		
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P μgat/l	H ₂ S μgat/l	Sci. method	Extra info.																																		
26	27	28	29	30	31	32						33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64														
18	0000	0232	0732	0590														0.25						1	3																				
	0010	0230	0732	0590														0.13																											
	0030	0235	0732	0590														0.14																											
	0050	0236	0735	0592														0.14																											
	0070	0340	0815	0656														0.70																											
	0100	0460	1060	0847														2.20																											
	0125	0521	1137	0904														2.37																											
	0150	0543	1206	0957														4.73	17.40																										
	0175	0560	1239	0982														5.16	30.90																										
	0200	0568	1250	0990														5.68	29.00																										
	0225	0573	1260	0997														6.60	41.80																										
	0240	0574	1267	1003														7.54	55.60																										

BT Slide Sk 69/876/69

Observer Engström

11 "Skagerak"

77 Sweden

1969

Station

BY 15 A (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					55 56
0040	57	20	020	03	0	969	01	27	21	0243	02	064	23	18	020						2	83	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P		H ₂ S		Sal. method	Extra info.										
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58 59 60	61 62 63	64			77	78								
21	0000	0225	0731	0589	891				0.22				1	3									
	0010	0227	0730	0589	902				0.20														
	0030	0230	0732	0590	888				0.22														
	0050	0236	0735	0592	900				0.23														
	0070	0335	0806	0648	582				0.60														
	0100	0457	1060	0847	046				1.70														
	0125	0524	1143	0908	012				2.48														
	0150	0542	1202	0954					4.10	12.80													
	0175	0560	1237	0981					4.50	25.70													
	0200	0568	1253	0992					5.00	23.25													
	0225	0574	1264	1001					5.60	34.16													
	0240	0573	1265	1002					5.80	44.40													
BT Slide Sk 72/876/69																							
Observer Allersand																							

11 "Skagerak"

77 Sweden

1969

Station

BY 15 A (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
004 ^x	57	20	020	03	0	969	01	28	24	0243	02	065	23	16	020									2	8	3	0																		
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	H ₂ S	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														
24	0000	0230	0728	0587	903			0.22																			1	3																	
	0010	0229	0728	0587	919			0.21																																					
	0030	0234	0731	0589	900			0.21																																					
	0050	0234	0734	0592	903			0.21																																					
	0070	0342	0820	0660	744			0.68																																					
	0100	0461	0818	0655	531			0.71																																					
	0125	0512	1143	0909	016			2.23																																					
	0150	0545	1210	0960				4.52	15.25																																				
	0175	0560	1242	0984				4.52	15.55																																				
	0200	0560	1256	0995				5.38	21.88																																				
	0225	0573	1264	1001				6.28	31.60																																				
	0240	0575	1267	1003				7.09	48.00																																				
											BT Slide Sk 75/876/69																																		
											Observer Allersand																																		

11 "Skagerak"

77 Sweden

1969

Station

BY 15 A (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						
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64			
0042	57	00	020	03	0	969	01	28	03	0243	02	063	23	20	020			2	73	0			
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	H ₂ S	Sal. method	Extra info.												
					ml/l	%						μgat/l	μgat/l										
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58 59 60	61 62 63	64	77	78											
03	0000	0230	0732	0590																	1	3	
	0010	0232	0732	0590																			
	0030	0237	0735	0592																			
	0050	0239	0739	0595																			
	0070	0344	0828	0665																			
	0100	0464	1066	0852																			
	0125	0512	1142	0908																			
	0150	0543	1210	0960																			
	0175	0563	1244	0985																			
	0200	0571	1258	0996																			
	0225	0575	1261	0998																			
	0240	0578	1269	1005																			
												BT Slide Sk 78/873/69											
												Observer Engström											

11 "Skagerak"

77 Sweden

1969

Station

BY 15 A (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	55 56 57	58 59 60					61	62	63	64										
0043 ^X	57	20	020	03	0	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	
							969	01	28	06	0243	02	063	23	20	020																							
Obs. time	Obs. depth	Temp.	Sal.	σ_t			Oxygen		pH	PO ₄ -P µgat/l	H ₂ S µgat/l	Sol. method	Extra info.																										
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58						59 60	61 62 63	64	77	78																					
06	0000	0230	0734	0592			907			0.13		1	3																										
	0010	0231	0733	0591			905			0.15																													
	0030	0238	0736	0593			902			0.14																													
	0050	0236	0738	0595			898			0.21																													
	0070	0340	0823	0662			534			0.74																													
	0100	0459	1065	0851			011			1.97																													
	0125	0511	1144	0910			011			2.49																													
	0150	0542	1208	0958						4.45	13.40																												
	0175	0561	1242	0984						5.37	30.80																												
	0200	0569	1256	0995						6.18	36.50																												
	0225	0573	1262	0999						6.40	39.30																												
	0240	0576	1269	1005						7.93	60.00																												
													BT Slide Sk 81/876/69																										
													Observer Engström																										

11 "Skagerak"

77 Sweden

1969

Station

BY 15 A (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
0043	57	20	020	03	0	969	01	28	06	0243	02	063	23	20	020			2	83	0																									
Obs. time	Obs. depth	Temp.	Sal.	σ _t			Oxygen		pH	PO ₄ -P μgat/l	H ₂ S μgat/l	Sci. method	Extra info.																																
26	27	28	29	30	31	32	33	34						35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64														
06	0000	0230	0734	0592			907			0.13		1	3																																
	0010	0231	0733	0591			905			0.15																																			
	0030	0238	0736	0593			902			0.14																																			
	0050	0236	0738	0595			898			0.21																																			
	0070	0340	0823	0662			534			0.74																																			
	0100	0459	1065	0851			011			1.97																																			
	0125	0511	1144	0910			011			2.49																																			
	0150	0542	1208	0958						4.45	13.40																																		
	0175	0561	1242	0984						5.37	30.80																																		
	0200	0569	1256	0995						6.18	36.50																																		
	0225	0573	1262	0999						6.40	39.30																																		
	0240	0576	1269	1005						7.93	60.00																																		
												BT Slide Sk 81/876/69																																	
												Observer Engström																																	

11 "Skagerak"

77 Sweden

1969

Station

BY15 A (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	58	59					60
0045	57	20	020	03	0	969	01	28	12	0243	02	063	20	16	010					2	83	0	
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P H ₂ S		Sal. method	Extra info.											
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45		58	59 60			61 62 63	64	77	78							
12	0000	0231	0732	0590	900					0.23												13	
	0010	0230	0732	0590	903					0.19													
	0030	0238	0737	0594	903					0.17													
	0050	0239	0739	0596	902					0.20													
	0070	0335	0812	0653	560					0.63													
	0100	0459	1066	0852	042					2.11													
	0125	0533	1190	0945	0					4.10	17.90												
	0150	0540	1205	0956						4.15	13.90												
	0175	0560	1242	0984						4.63	28.50												
	0200	0569	1256	0995						5.30	37.00												
	0225	0574	1264	1001						5.75	42.00												
	0240	0576	1270	1005							80.00												
												BT Slide Sk 87/876/69											
												Observer Engström											

11 "Skagerak"

77 Sweden

1969

Station

BY 15 A (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
0046	57	20	020	03	0	969	01	28	15	0243	02	064	20	16	020									4	83	0																			
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P H ₂ S		Sol. method	Extra info.																																		
26	27	28	29	30	31	32		33	34			35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
15	0000	0229	0654	0527	893			0.27																		1	3																		
	0010	0228	0729	0588	910			0.20																																					
	0030	0236	0733	0591	902			0.18																																					
	0050	0237	0734	0592	899			0.18																																					
	0070	0337	0816	0656	526			0.71																																					
	0100	0456	1063	0850	044			1.96																																					
	0125	0513	1144	0910	009			2.23	0																																				
	0150	0547	1205	0958				4.52	15.30																																				
	0175	0559	1238	0981				5.25	31.80																																				
	0200	0570	1254	0993				6.32	35.50																																				
	0225	0573	1262	0999				6.80	43.00																																				
	0240	0576	1269	1005				7.96	61.50																																				

BT Slide Sk 90/876/69
Observer Engström

11 "Skagerak"

77 Sweden

1969

Station

BY 15 A (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	50	58				
0047 ^X	57	20	020	03	0	19	01	28	18	0243	02	060	20	08	020					4	83	0

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

18	0000	0227	0729	0588	909			0.19			1	3
	0010	0229	0729	0588	903			0.15				
	0030	0236	0733	0591	901			0.16				
	0050	0250	0736	0593	905			0.16				
	0070	0340	0821	0660	526			0.70				
	0100	0464	1066	0851	033			2.26				
	0125	0512	1140	0907	013			2.34				
	0150	0549	1207	0957				4.50	17.90			
	0175	0562	1241	0983				4.30	29.50			
	0200	0572	1257	0995				5.80	36.50			
	0225	0575	1265	1002				6.30	40.50			
	0240	0575	1268	1004				7.00	58.50			

BT Slide Sk 93/876/69
Observer Allersand

11 "Skagerak"

77 Sweden

1969

Station

BY 15 A (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	
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	60	61					62
0048	57	20	020	03	0	19	01	28	21	0243	02	062	23	14	020					4	83	0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P H ₂ S		Sol. method	Extra info.												
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42 43 44 45	58 59 60	61 62 63 64		μgat/l	%			μgat/l	77	78									
21	0000	0226	0729	0588					0.21														
	0010	0228	0730	0589	889				0.17														
	0030	0235	0733	0591	908				0.20														
	0050	0240	0733	0591	890				0.18														
	0070	0338	0817	0656	538				0.77														
	0100	0458	1066	0852	048				1.93														
	0125	0513	1146	0912	015				2.40														
	0150	0543	1208	0958					4.45	14.20													
	0175	0561	1238	0981					5.12	28.50													
	0200	0572	1257	0995					6.04	32.00													
	0225	0578	1266	1002					7.12	45.50													
	0240	0579	1268	1004					7.63	58.80													
											BT Slide Sk 96/876/69												
											Observer Engström												

11 "Skagerak"

77 Sweden

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Station

BY 15 A (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	58					59
0049	57	20	020	03	0			19	01	29	00	0243	02	060	23	14	020						48	3	0	
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	H ₂ S µgat/l	Sal. method	Extra info.														
26	27	28	29	30	31	32	33						34	35	36	37	38	39	40	41	42	43	44	45	58	59
00	0000	0231	0730	0589	905				0.22		1	3														
	0010	0231	0730	0589	904				0.25																	
	0030	0236	0735	0592	909				0.21																	
	0050	0236	0736	0593	904				0.20																	
	0070	0331	0814	0655	543				0.71																	
	0100	0460	1063	0850	045				2.02																	
	0125	0509	1142	0908					2.80	0.30																
	0150	0543	1209	0959					4.53	14.60																
	0175	0560	1239	0982					5.04	26.40																
	0200	0570	1257	0995					5.97	33.20																
	0225	0575	1267	1003					7.16	50.00																
	0240	0576	1277	1011					7.59	59.40																
												BT Slide Sk 99/876/69														
												Observer Engström														

11 "Skagerak"

77 Sweden

1969

Station

BY 15 A (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
0050	57	20	020	03	0	969	01	29	03	0243	02	057	23	12	020			4	83	0																									
Obs. time	Obs. depth		Temp.		Sol.		σ_t		Oxygen		pH	PO ₄ -P H ₂ S		Sal. method	Extra info.																														
26	27	28	29	30	31	32	33	34	35	36		37	38			39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
03	0000	0231	0731	0589	908							0.19			1	3																													
	0010	0231	0731	0589	909							0.19																																	
	0030	0238	0736	0593	917							0.19																																	
	0050	0237	0736	0593	907							0.21																																	
	0070	0339	0818	0657	531							0.66																																	
	0100	0466	1067	0853	044							1.55																																	
	0125	0510	1139	0906	019							2.90	0																																
	0150	0543	1209	0959								4.60	14.20																																
	0175	0562	1243	0985								5.10	25.30																																
	0200	0571	1259	0997								5.65	36.50																																
	0225	0573	1267	1003								6.70	42.00																																
	0240	0577	1270	1005								7.60	60.70																																
BT Slide Sk 102/876/69																																													
Observer Allersand																																													

11 "Skagerak"

77 Sweden

1969

Station

BY 15 A (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					
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57
0057	57	20	020	03	0	19	01	29	06	0243	02	055	20	18	020										2	83	0
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P		H ₂ S		Sal. method	Extra info.													
					ml/l	%	$\mu\text{gat/l}$		$\mu\text{gat/l}$																		
06	0000	0234	0738	0595	908					0.18			1	3													
	0010	0235	0738	0595	910					0.17																	
	0030	0241	0739	0595	902					0.22																	
	0050	0238	0739	0595	901					0.17																	
	0070	0338	0818	0658	536					0.74																	
	0100	0466	1069	0854	036					2.80																	
	0125	0509	1141	0907	016					2.90																	
	0150	0543	1209	0959						4.60	14.50																
	0175	0562	1245	0986						5.20	23.00																
	0200	0571	1258	0996						6.00	33.50																
	0225	0573	1267	1003						6.80	41.50																
	0240	0574	1274	1009						8.20	68.50																
BT Slide Sk 105/876/69																											
Observer Allersand																											

11 "Skagerak"

77 Sweden

1969

Station

BY 15 A (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		
	°	'	''	°	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	61	62			63	64	
0052 ^X	57	20	020	03	0		969	01	29	09	0243	02	056	20	20	022						4	8	3	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t			Oxygen		pH	PO ₄ -P	H ₂ S	Sal. method	Extra info.												
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42	43 44 45	58 59 60	61 62 63 64	ml/l		%	$\mu\text{gat/l}$			$\mu\text{gat/l}$	77	78									
09	0000	0235	0739	0595			900			0.15		1	3												
	0010	0234	0739	0595			901			0.12															
	0030	0242	0739	0595			895			0.20															
	0050	0240	0739	0595			901			0.16															
	0070	0344	0826	0664			504			1.06															
	0100	0469	1074	0858			025			2.01															
	0125	0510	1144	0910						2.45															
	0150	0544	1215	0964						4.30	14.60														
	0175	0564	1244	0985						4.85	25.10														
	0200	0572	1258	0986						5.70	34.80														
	0225	0575	1269	1012						6.35	48.00														
	0240	0579	1269	1012						6.35	54.00														
													BT Slide Sk 108/876/69												
													Observer Engström												

11 "Skagerak"

11 Sweden

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Station

BY 15 A (P 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					55 56	57 58 59
0053	57	20	020	03	0	19	01	29	12	0243	02	059	20	22	015							2	84	0
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P H ₂ S		Sol. method	Extra info.												
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45		56 57 60	61 62 63 64			μgat/l	μgat/l	77	78								
12	0000	0244	0740	0597	898					0.21														
	0010	0241	0740	0597	909					0.23														
	0030	0243	0740	0597	902					0.19														
	0050	0240	0740	0597	900					0.16														
	0070	0342	0830	0668	504					0.60														
	0100	0467	1077	0861	040					1.93														
	0125	0510	1143	0909	015					2.52														
	0150	0548	1213	0963						4.10	16.30													
	0175	0562	1243	0985						4.60	27.20													
	0200	0572	1258	0996						5.20	35.30													
	0225	0573	1267	1003						5.70	50.50													
	0240	0578	1270	1005						6.00	58.00													
													BT Slide Sk 111/876/69											
													Observer Allersand											

11 "Skagerak"

77 Sweden

1969

Station

BY 15 A (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	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			
0054	57	20	020	03	0	969	01	29	15	0243	02	061	16	18	020			2	84	0				
Obs. time	Obs. depth	Temp.	Sal.	σ _t	Oxygen		pH	PO ₄ -P H ₂ S		Sal. method	Extra info.													
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58 59 60			61 62 63 64	μgat/l	μgat/l	77	78								
15	0000	0236	0740	0597		900				0.15											1	3		
	0010	0236	0740	0597		908				0.20														
	0030	0240	0740	0597		899				0.23														
	0050	0237	0740	0597		904				0.19														
	0070	0337	0821	0660		523				0.68														
	0100	0467	1075	0859		037				1.85														
	0125	0512	1147	0912		011				2.32														
	0150	0548	1210	0960						4.05	9.00													
	0175	0561	1244	0986						4.50	18.50													
	0200	0573	1258	0996						5.28	35.10													
	0225	0572	1267	1004						6.00	50.30													
	0240	0578	1270	1005						6.21	58.50													
												BT Slide Sk 114/876/69												
												Observer Allersand												

11 "Skagerak"

77 Sweden

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Station

BY 15 A (F 81)

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																					
	°	'	''	°	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb		60					61	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

0055 ^X	57	20	020	03	0	969	01	29	18	0243	02	058	16	18	012			2	8	4	0
Obs. time	Obs. depth	Temp.		Sal.	σ _t	Oxygen		pH	PO ₄ -P	H ₂ S	Sol. method		Extra info.								
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58 59 60	61 62 63	64		77	78								

18	0000	0235	0740	0597	909					0.19			1 3
	0010	0233	0740	0597	902					0.21			
	0030	0238	0740	0597	901					0.22			
	0050	0237	0740	0597	896					0.19			
	0070	0340	0833	0669	497					0.82			
	0100	0460	1069	0855	040					2.04			
	0125	0507	1140	0907	010					2.42			
	0150	0546	1215	0964						4.38	13.60		
	0175	0563	1248	0989						5.27	25.70		
	0200	0571	1260	0998						6.04	36.80		
	0225	0574	1266	1003						6.73	38.00		
	0240	0576	1270	1005						7.42	55.50		

BT Slide Sk 116/876/69
Observer Engström

11 "Skagerak"

77 Sweden

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Station

BY 15 A (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	55	56	57	58
0058	57	20	020	03	0			19	01	29	21	02	43	02	06	3	18	20	01	5					2	8	4	0		
Obs. time	Obs. depth	Temp.			Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	H ₂ S µgat/l	Sol. method	Extra info.																	
						ml/l	%																							
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63	64																			77 78
21	0000	0228	0739	0595	898						0.15																	1	3	
	0010	0229	0739	0595	900						0.17																			
	0030	0231	0739	0595	891						0.19																			
	0050	0237	0740	0597	891						0.17																			
	0070	0341	0829	0667	500						0.78																			
	0100	0463	1073	0857	044						2.02																			
	0125	0513	1151	0913	016						2.25																			
	0150	0542	1208	0958							4.33	11.80																		
	0175	0564	1246	0987							5.14	22.20																		
	0200	0573	1258	0996							6.22	38.00																		
	0225	0572	1267	1003							6.68	25.70																		
	0240	0578	1271	1006							7.46	57.00																		
													BT Slide Sk 119/876/69																	
													Observer Allersand																	

11 "Skagerak"

77 Sweden

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Station

BY 15 A (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. km.	Dry bulb	Wet bulb	60	61				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56	57	58 59	60	61	62	63	64
0057 ^x	57	20	020	03	0	969	01	20	00	0243	02	060	18	18	010				2	8	4	0
Obs. time	Obs. depth	Temp.		Sal.	σ_t			Oxygen		pH	PO ₄ -P	H ₂ S	Sal. method	Extra info.								
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60		61 62 63	64			77	78						
00	0000	0231	0739	0595	901					0.22			1	3								
	0010	0229	0739	0595	902					0.20												
	0030	0234	0739	0595	897					0.21												
	0050	0238	0740	0597	898					0.19												
	0070	0352	0852	0684	442					0.99												
	0100	0465	1074	0858	041					1.98												
	0125	0513	1148	0913	021					2.50												
	0150	0543	1214	0963						4.20	12.80											
	0175	0563	1247	0988						5.10	25.70											
	0200	0571	1259	0997						5.90	40.00											
	0225	0572	1267	1004						6.50	38.50											
	0240	0576	1271	1006						7.60	62.50											
BT Slide Sk 122/876/69																						
Observer Allersand																						

11 "Skagerak"

77 Sweden

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Station

BY 15 A (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	58	59					60	61	62	63	64	
0058	57	20	020	03	0	969	01	30	03	0243	02	060	18	16	010							5	8	30				
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P H ₂ S		Sal. method	Extra info.																
26	27	28	29	30	31	32	33		34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63
03	0000	02	32	07	39	05	95	90	7				0.23														1	3
	0010	02	28	07	39	05	95	90	2				0.22															
	0030	02	34	07	39	05	95	90	2				0.18															
	0050	02	35	07	40	05	97	89	4				0.20															
	0070	03	48	08	44	06	78	45	5				0.94															
	0100	04	63	10	73	08	57	04	8				2.07															
	0125	05	10	11	43	09	09	01	2				2.74															
	0150	05	43	12	16	09	65						4.24	11.80														
	0175	05	63	12	46	09	87						5.20	27.80														
	0200	05	70	12	57	09	96						6.03	41.50														
	0225	05	73	12	67	10	03						6.71	44.30														
	0240	05	76	12	72	10	07						7.43	59.50														
												BT Slide Sk 125/876/69																
												Observer Engström																

11 "Skagerak"

77 Sweden

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Station

BY 15 A (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	55	56
0059	57	20	020	03	0	969	01	30	06	0243	02	061	16	04	024							4	83	0		
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO_4-P μgat/l	H_2S μgat/l	Sol. method	Extra info.														
		28	29			30	31						32	33	34	35	36	37	38	39	40	41	42	43	44	45
06	0000	0232	0740	0597	901				0.18		1	3														
	0010	0229	0739	0595	903				0.20																	
	0030	0233	0739	0595	904				0.23																	
	0050	0237	0740	0597	893				0.19																	
	0070	0351	0848	0681	444				0.93																	
	0100	0466	1074	0858	033				2.13																	
	0125	0514	1152	0916	091				2.59																	
	0150	0549	1219	0967					4.50	17.90																
	0175	0565	1232	0977					5.40	28.50																
	0200	0570	1260	0998					6.10	35.50																
	0225	0574	1267	1003					6.80	38.50																
	0240	0577	1271	1006					7.80	58.50																
												BT Slide Sk 128/876/69														
												Observer Engström														

11 "Skagerak"

77 Sweden

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Station

BY 15 A (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	
	0	1	0	1		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb					
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64	
0060	X 57	20	020	03	0	969	01	30	09	0243	02	058	18	08	016		4	82	0		
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	H ₂ -S	Sol. method	Extra info.										
					m/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
09	0000	0228	0736	0593	906							0.17								1	3
	0010	0227	0736	0593	906							0.17									
	0030	0231	0736	0593	915							0.17									
	0050	0237	0736	0593	900							0.16									
	0070	0350	0848	0681	436							2.05									
	0100	0467	1078	0861	042							2.06									
	0125	0514	1148	0913	016							2.30									
	0150	0543	1210	0960								4.10	15.20								
	0175	0564	1243	0985								5.10	25.00								
	0200	0571	1256	0995								6.10	36.00								
	0225	0573	1262	0999								6.10	39.80								
	0240	0576	1269	1005								7.50	62.00								
											BT Slide Sk 131/876/69										
											Observer Allersand										

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Station

BY 15 A (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
0062	5	7	20	020	03	0		969	01	30	15	0243	02	065	20	06	030						28	2	0																				
Obs. time	Obs. depth	Temp.	Sal.	σ _t			Oxygen		pH	PO ₄ -P H ₂ S		Sol. method	Extra info.																																
26	27	28	29	30	31	32	33	34		35	36			37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
15	0000	0234	0735	0592			899			0.19			1																																
	0010	0231	0735	0592			909			0.19																																			
	0030	0239	0736	0593			896			0.20																																			
	0050	0237	0739	0595			941			0.21																																			
	0070	0349	0844	0678			445			0.87																																			
	0100	0463	1070	0856			041			1.97																																			
	0125	0514	1141	0907			009			2.42																																			
	0150	0546	1210	0960						4.20 12.50																																			
	0175	0562	1239	0982						4.80 27.10																																			
	0200	0571	1256	0995						5.50 34.80																																			
	0225	0576	1263	1001						6.30 45.50																																			
	0240	0579	1268	1004						6.40 63.00																																			
													BT Slide Sk 137/876/69																																
													Observer Engström																																

11 "Skagerak"

Station

77 Sweden

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BY 15 A (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																																		
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	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	5	7	20	02	0	03	0	9	6	9	0	1	3	0	18	0	2	4	3	0	2	0	6	0	2	0	1	0	2	5									2	8					3							
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P	H ₂ S	Sal. method	Extra info.																																								
26	27	28	29	30	31	32	33		34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64			77	78																			
18	0000	02	32	07	35	05	92	901	0.15			3																																								
	0010	02	29	07	35	05	92	897	0.15																																											
	0030	02	35	07	35	05	92	909	0.19																																											
	0050	02	36	07	37	05	94	907	0.19																																											
	0070	03	31	07	83	06	30	684	0.41																																											
	0100	04	58	10	63	08	50	067	1.82																																											
	0125	05	06	11	29	11	98	016	1.95																																											
	0150	05	44	12	07	09	57		3.70	12.50																																										
	0175	05	61	12	40	09	83		5.00	27.80																																										
	0200	05	74	12	54	09	93		5.30	34.00																																										
	0225	05	84	12	64	10	00		6.00	41.50																																										
	0240	05	77	12	69	10	05		6.80	63.50																																										
	BT Slide Sk 140/876/69																																																			
	Observer Allersand																																																			

11 "Skagerak"

77 Sweden

1969

Station

BY 11 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	60	61				

0064	57	04	019	50	0		19	01	30	20	0215	02	063	23	12	020					28	3	0
------	----	----	-----	----	---	--	----	----	----	----	------	----	-----	----	----	-----	--	--	--	--	----	---	---

Obs. time	Obs. depth	Temp.	Sal.	σ _t	Oxygen		pH	PO ₄ -P	H ₂ S	Sol. method	Extra info.
					ml/l	%					

21	0000	0236	0738	0595	907		792	0.23		1	3
	0005	0235	0738	0595	907		796	0.23			
	0010	0238	0737	0594	904		798	0.22			
	0015	0237	0739	0595	897		798	0.22			
	0020	0237	0741	0598	896		799	0.23			
	0030	0235	0741	0598	893		798	0.24			
	0040	0244	0744	0599	905		798	0.28			
	0050	0253	0747	0602	886		797	0.28			
	0060	0250	0750	0605	884		799	0.30			
	0070	0380	0910	0730	278		725	1.32			
	0080	0441	1017	0814	075		709	1.95			
20	0090	0458	1047	0837	054		702	2.19			
	0100	0476	1073	0857	033		703	2.17			
	0125	0520	1147	0912	022		705	2.50			
	0150	0549	1219	0967			708	4.83	22.20		
	0175	0564	1248	0989			711	5.70	37.50		
	0200	0573	1262	0999			715	6.60	46.00		

BT Slide Sk 141/876/69

- Observer Allersand

11 "Skagerak"

77 Sweden

1969

Station

BY 9 A (S 22)

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	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
0066	56	05	019	10	0	969	01	31	04	0120	01	053	20	20	020	28	4	0																											
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	Alkal. Mval/l	Saf. method	Extra info.																																	
26	27	28	29	30	31	32							33	34	35	36	37	38	39	40	41	42	43	44	45	55	59	60	61	62	63	64													
05	0000	0247	0744	0599	897		778	0.30	0.38	1.548	1	3																																	
	0005	0249	0745	0600	897		787	0.19	0.43	1.529																																			
	0010	0247	0745	0600	891		795	0.16	0.39	1.529																																			
	0015	0247	0745	0600	893		795	0.25	0.43	1.545																																			
	0020	0244	0745	0600	900		795	0.24	0.64	1.553																																			
	0030	0245	0745	0600	901		795	0.34	0.64	1.545																																			
	0040	0243	0746	0601	902		797	0.24	0.80	1.529																																			
	0050	0245	0746	0601	900		800	0.31	0.80	1.534																																			
	0060	0329	0915	0735	270		721	1.19	1.32	1.628																																			
04	0070	0438	1003	0802	088		708	1.79	1.63	1.634																																			
	0080	0473	1046	0836	058		706	2.00	1.72	1.671																																			
	0090	0493	1075	0858	037		706	2.26	2.06	1.682																																			
	0100	0521	1088	0867	047		705	2.24	2.14	1.701																																			
	0110	0556	1104	0876	068		704	2.24	1.92	1.680																																			
05	0000							SI O ₂	NO ₃ -N																																				
	0005							µgat/l	µgat/l																																				
	0010							8.75	1.23																																				
	0015							9.50	1.65																																				
	0020							8.48	1.60																																				
	0030							9.31	1.37																																				
	0040							8.38	1.80																																				
	0050							11.50	1.55																																				
	0060							15.10	2.35																																				
04	0070							12.63	1.70																																				
	0080							39.30	2.90																																				
	0090							46.70	2.88																																				
	0100							50.60	3.63																																				
	0110							53.00	3.15																																				
								50.60	3.45																																				
								49.70	3.60																																				
BT Slide Sk 143/11601/69																																													
Observer Allersand																																													

11 "Skagerak"
77 Sweden

1969

Station
BY 8 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
0067	55	38	018	36	0	969	01	31	10	0088	01	056	23	24	035							2	75	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
10	0000	0235	0750	0604		866			866	0.23	0.74	1.572	1	3														
	0005	0245	0750	0604		894			874	0.34	0.85	1.561																
	0010	0239	0750	0604		914			871	0.21	0.70	1.558																
	0015	0240	0750	0604		895			781	0.23	0.58	1.553																
	0020	0235	0750	0604		894			788	0.30	0.57	1.566																
	0030	0238	0754	0607		890			793	0.33	0.80	1.577																
	0040	0232	0754	0607		884			794	0.34	0.52	1.575																
	0050	0233	0755	0607		885			798	0.37	0.61	1.601																
	0060	0324	0816	0656		556			803	0.76	1.13	1.610																
	0070	0826	1080	0838		440			745	0.84	0.91	1.666																
	0080	0863	1132	0874		430			760	0.94	1.01	1.714																
										Si O ₂	NO ₃ -N																	
										µgat/l	µgat/l																	
	0000									9.32	1.85																	
	0005									11.25	1.90																	
	0010									10.15	1.80																	
	0015									12.35	2.25																	
	0020									10.43	1.70																	
	0030									13.91	2.00																	
	0040									10.05	1.75																	
	0050									11.52	1.85																	
	0060									20.53	2.65																	
	0070									26.30	3.30																	
	0080									22.30	3.30																	
														BT Slide Sk 144/11601/69														
														Observer Engström														

11 "Skagerak"

77 Sweden

1969

Station

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
	°	'	°	'	°	'	°		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	58	59				
0068	55	13	017	04	0	969	02	03	20	0090	01	049	34	08	010							2	83	0	
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Alkal.	Extra info.													
26 27	28 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	Mval/l	77 78										
20	0000	0339	0763	0614	868			786	0.39	0.63	1.537	1 3													
	0005	0343	0763	0614	870			791	0.40	0.66	1.523														
	0010	0338	0764	0614	872			796	0.35	0.53	1.534														
	0015	0340	0764	0614	869			795	0.28	0.44	1.531														
	0020	0338	0764	0614	968			796	0.27	0.59	1.537														
	0030	0341	0765	0615	870			798	0.52	0.45	1.531														
	0040	0342	0766	0616	869			800	0.37	0.45	1.564														
	0050	0351	0774	0622	863			799	0.40	0.52	1.548														
	0060	0792	0986	0766	512			755	0.67	0.94	1.631														
	0070	0878	1225	0945	416			742	0.94	1.15	1.728														
	0080	0881	1282	0989	336			738	1.26	1.42	1.801														
									Si O ₂	NO ₃ -N															
									µgat/l	µgat/l															
	0000								13.09	2.47															
	0005								12.90	2.52															
	0010								11.05	2.60															
	0015								9.03	2.05															
	0020								10.51	2.90															
	0030								10.15	2.25															
	0040								7.36	1.90															
	0050								11.43	2.70															
	0060								18.95	4.30															
	0070								26.40	5.25															
	0080								34.40	6.15															
BT Slide Sk 145/11601/69																									
Observer Allersand																									

11 "Skagerak"

Station

77 Sweden

1969

BY 5 A (Bornholmsdjupet)

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. km.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0069	55	15	015	59	0	969	02	04	02	0091	01	034	36	26	X	005					2	85	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															
02	0000	0339	0753	0606	862							0.37		14																															
	0005	0336	0753	0606	875							0.35																																	
	0010	0346	0753	0606	870							0.35																																	
	0015	0341	0753	0606	864							0.37																																	
	0020	0341	0753	0606	871							0.36																																	
	0030	0335	0753	0606	874							0.36																																	
	0040	0451	0777	0622	774							0.47																																	
	0050	0597	1113	0881	670							0.58																																	
	0060	0837	1356	1052	339							1.16																																	
	0070	0766	1463	1142	172							2.17																																	
	0080	0782	1527	1190	168							2.39																																	
	0087	0799	1560	1214	209							2.32																																	
BT Slide Sk 146/11601/69																																													
Observer Allersand																																													

11 "Skagerak"

77 Sweden

1969

Station

BY 2 (Arkona)

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																							
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
	5	6	7	8		9	10	11					12	13	14	15	16	17					18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0071	55	00	014	05	0	969	02	04	13	0048	00	027	36	06	010								1	62	0																				
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l		Sal. method	Extra info.																																	
26	27	28	29	30	31	32	33		34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64																
13	0000	0218	0800	0644	911					0.35		14																																	
	0005	0215	0800	0644	907					0.30																																			
	0010	0216	0800	0644	904					0.35																																			
	0015	0210	0803	0647	909					0.32																																			
	0020	0214	0832	0669	909					0.28																																			
	0030	0349	1176	0942	745					0.62																																			
	0040	0376	1950	1554	706					0.94																																			
	0045	0378	2040	1625	710					1.05																																			
												BT Slide Sk 148/399/69																																	
												Observer Allersand																																	

11 "Skagerak"

77 Sweden

1969

Station

BY 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																													
	5	6	7	8		9	10	11					12	13	14	15	16	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	55	00	013	18	0	969	02	04	16	0045	00	032	32	08	000								1	1	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																
16	0000	0202	0838	0674	928					0.31		14																																	
	0005	0197	0837	0673	931					0.30																																			
	0010	0198	0837	0673	922					0.30																																			
	0015	0200	0839	0675	917																																								
	0020	0196	0845	0680	916					0.36																																			
	0030	0183	1064	0857	899					0.41																																			
	0040	0391	2562	2038	729					0.96																																			
												BT Slide Sk 149/399/69																																	
												Observer Allersand																																	

11 "Skagerak"

Station

77 Sweden

1969

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																													
	5	6	7	8		9	10	11					12	13	14	15					16	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	55	02	013	53	0	969	02	19	14	0047	00		09	24	010	016	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	0075	0803	0644	932														1	0																									
	0010	0071	0803	0644	924																																								
	0020	0093	0818	0657	921																																								
	0030	0028	0833	0667	839																																								
	0040	0278	1598	1280	770																																								
	0045	0356	1973	1574	697																																								
<p>BT Slide Sk 158/399/69 Observer Claesson N 55° 01.8' E 13° 52.5'</p>																																													

11 "Skagerak"

Station

77 Sweden

1969

S 2

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
	5	6	7	8		9	10	11					12	13	14	15					16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0074	55	27	014	41	0	969	02	21	14	0069	01		18	02	030	029	4	50	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	0158	0717	0577	902														1	0																									
	0010	0156	0717	0577	903																																								
	0020	0164	0728	0586	879																																								
	0030	0171	0737	0594	906																																								
	0040	0182	0740	0596	875																																								
	0050	0168	0741	0596	875																																								
	0060	0229	1306	1048	814																																								
	0065	0255	1426	1144	799																																								
<p>BT Slide Sk 159/11601/69 Observer Claesson</p>																																													

11 "Skagerak"

77 Sweden

1969

Station

Klövningarna 12

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.				NSEW	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	°	'		°	'		Year		Mo.	Day	Dir.					Sp. kn.	Dry bulb	Wet bulb							
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59	60 61	62 63	64						
0081	58	53	010	52	0	969	03	18	08	0040	00	014	02	14	000			1	52	0					
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		σ_t	pH			PO ₄ -P µgat/l	Tot.P µgat/l	Lign. mg/l	Sal. method	Extra info.										
26 27	28 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	%						
08	0000	0030	29329	2357	944							841	0.10	0.71	0			3	3						
	0005	0029	29327	2357	939							843	0.01												
	0010	0034	29359	2360	940							847	0.01	0.62	0										
	0015	0344	32590	2594	711							824	0.35		0										
	0020	0459	33632	2657	674							815	0.48	0.70											
	0030	0552	34338	2711	648							728	0.55												
	0040	0581	34566	2725	633							812	0.50	0.98											
BT Slide Sk 166/399/69																									
Observer Engström																									
N 58° 52.9'																									
E 10° 51.6'																									
Secchi disk: 6 m																									

11 "Skagerak"

77 Sweden

1969

Station

Klövningarna 9

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.				NSEW	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	°	'		°	'		Year		Mo.	Day	Dir.					Sp. kn.	Dry bulb	Wet bulb							
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59	60 61	62 63	64						
0084	58	55	010	57	0	969	03	18	10	0025	00	009	02	14	030			1	42	0					
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		σ_t	pH			PO ₄ -P µgat/l	Tot.P µgat/l	Lign. mg/l	Sal. method	Extra info.										
26 27	28 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	%						
10	0000	0023	29110	2339	935							841	0.04	0.71	0			3	3						
	0005	0020	29121	2340	935							842	0.07		0.1										
	0010	0211	31364	2507	790							823	0.30	1.00	0										
	0015	0492	33838	2679	664							821	0.54												
	0020	0552	34387	2715	636							814	0.61	0.94	0										
BT Slide Sk 167/399/69																									
Observer Engström																									
Secchi disk: 4.40 m																									

11 "Skagerak"

77 Sweden

1969

Station

Klövningarna 4

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0089	58	57	011	04	0	969	03	18	13	0220	01		02	08	000			15	2	0																									
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Lign.	Sal. method	Extra info.																																	
					ml/l	%							$\mu\text{g}/\text{l}$	$\mu\text{g}/\text{l}$	mg/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	0044	29457	2366	921			833	0.02	0.63	0	3	3																																
	0005	0024	29880	2400	931			844	0.02		0																																		
	0010	0039	30576	2455	897			834	0.07	0.79	0																																		
	0015	0268	32475	2592	773			821	0.26		0																																		
	0020	0452	33728	2674	671			816	0.69	0.73	0																																		
	0030	0568	34428	2717	637			813	0.78																																				
	0040	0602	34698	2733	623			809	0.83																																				
	0050	0612	34807	2740	618			805	0.76	0.93																																			
	0075	0625	34906	2749	610			803	0.76																																				
	0100	0632	35000	2753	604			808	0.75																																				
	0150	0636	35008	2753	595			806	0.80	0.88																																			
												BT Slide Sk 168/11601/69																																	
												Observer Engström																																	
												N 58° 56.8'																																	
												E 11° 03.5'																																	
												Secchi disk: 3.2 m																																	

11 "Skagerak"

77 Sweden

1969

Station

Klövningarna 1

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				
0092	58	58	011	06	0	969	03	18	14	0033	00			02	08	000			1	52	0
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Lign.	Sal. method	Extra info.								
26 27	28 29 30 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	0055	29819	2393	925			832	0.15	0.67	0.1		3	3							
	0005	0056	30232	2426	920			838	0.01		0.1										
	0010	0157	31449	2519	847			832	0.15	0.90	0										
	0015	0233	32206	2573	816			820	0.27		0										
	0020	0316	32847	2618	746			812	0.44	0.77	0										
	0025	0454	33724	2673	670			804	0.60	0.80	0										
BT Slide Sk 169/399/59 Observer Engström N 58° 58.3' E 11° 06.1' Secchi disk: 3.9 m																					

11 "Skagerak"

77 Sweden

1969

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
	°	'	''	°	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59	60	61	62	63	64	
0095	58	53	011	05	0	969	03	19	09	0200	02			07	10	020			2	82	0	
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Lign.	Sal. method	Extra info.									
26 27	28 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			mg/l								
09	0000	00	11	28749	2310		923		823	0.02	0.37	0	3	3								
	0005	00	10	29591	2377		928		831	0.05		0										
	0010	00	20	29819	2394		932		826	0.05	0.42	0										
	0015	00	33	30091	2415		923		827	0.01		0										
	0020	00	98	30757	2467		869		823	0.04	0.68	0										
	0030	04	80	33867	2682		662		801	0.41												
	0040	05	70	34480	2720		622		797	0.49												
	0050	05	93	34669	2732		625		794	0.67	0.74											
	0075	06	23	34880	2746		604		796	0.69												
	0100	06	30	34980	2752		604		793	0.78												
	0150	06	35	35000	2753		600		791	0.69												
	0190	06	34	34993	2753		602		791	0.70	0.86											
												BT Slide Sk 170/11601/69										
												Observer Engström										
												N 58° 52.7'										
												E 11° 05.3'										
												Secchi disk: 5.5 m										

11 "Skagerak"

77 Sweden

1969

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	51	52	53					54
0098	59	00	011	06	0			969	03	19	11	0121	02			07	10	020						1	32	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P			Tot.P	Lign.	Sci. method	Extra info.												
					ml/l	%		µgat/l							µgat/l	mg/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	0001	29495	2370	949		822	0.10	0.43	0			3	3												
	0005	0003	29479	2369	936		822	0.07		0																
	0010	0031	30029	2411	907		819	0.08	0.63	0																
	0015	0072	30667	2461	890		814	0.12		0																
	0020	0147	31386	2514	851		813	0.15	0.67	0																
	0030	0410	33342	2647	696		795	0.59																		
	0040	0532	34197	2702	631		792	0.76																		
	0050	0599	34660	2731	609		794	0.82																		
	0075	0618	34852	2745	596		790	0.86																		
	0100	0626	34953	2750	590		789	0.84																		
														BT Slide Sk 171/11601/69												
														Observer Engström												
														N 59° 00.4'												
														E 11° 05.8'												
														Secchi disk: 3.9 m												

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58 59
0101	59	05	011	10	0	969	03	19	12	0086	01	000		07	06	010						1	29	1
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Tot. P µgat/l	Lign. mg/l	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						
12	0000	0054	17049	1370	729			726	0.11	0.78	4.6		3	3										
	0005	0050	29191	2342	899			827	0.07	0.64	0.3													
	0010	0114	30585	2452	872			823	0.18	0.75	0													
	0015	0201	31638	2530	800			813	0.25		0													
	0020	0279	32369	2583	752			813	0.44	0.70	0													
	0030	0495	33896	2683	641			807	0.66															
	0040	0562	34301	2707	619			796	0.75															
	0050	0588	34561	2724	616			799	0.86															
	0075	0611	34783	2738	601			794	0.86															
BT Slide Sk 172/11601/69																								
Observer Engström																								
N 59° 04.8'																								
E 11° 09.7'																								
Secchi disk: 1.8 m																								

11 "Skagerak"

Station

77 Sweden

1969

Idefjorden 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
0103	59	07	011	21	0	969	03	20	10	0020	00		05	04	000							00	1	0
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Tot. P µgat/l	Lign. mg/l	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						
10	0000	0304	06773	0546	426			65	0.30	2.56	34.3		33											
	0002	0397	23681	1884	005			706	0.11		5.2													
	0010	0554	29307	2314	0			721	0.26		1.0													
	0018	0565	30448	2403				726	0.93	3.08	0.3													
									H ₂ S															
									µgat/l															
	0010								12.4															
	0018								63.5															
Observer Engström																								
Secchi disk: 0.45 m																								

11 "Skagerak"

77 Sweden

1969

Hydro Depth Observations (Code 03)

Station

Idefjorden 11

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																			
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	58	59					60	61																	
																									5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
0104	59	07	011	21	0	969	03	20	11	0023	00			07	04	000					0	0	0	01																	
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Lign.	Sal. method	Extra info.																													
					ml/l	%		μ gat/l	μ gat/l	mg/l																															
11	0000	0266	04054	0327	616		65	0.09	1.18	15.1	33																														
	0002	0399	23467	1867	008		696	0.09		5.4																															
	0005	0580	27470	2167	0		708	0.16		1.7																															
	0010	0495	29608	2344	043		718	0.46	1.78	1.3																															
	0020	0534	30679	2424			719	0.86	2.09	0.9																															
	0005							H ₂ S μ gat/l																																	
	0010							37.2																																	
	0020							0																																	
								15.9																																	
								Observer Engström																																	
								N 59° 06.6'																																	
								E 11° 20.9'																																	
								Secchi disk: 0.75 m																																	

11 "Skagerak"

77 Sweden

1969

Station

Idefjorden 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																							
	5	6	7	8	9	10		11	12	13					14	15	16	17					18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0105	59	07	011	19	0	969	03	20	12	0030	00			07	04	000			0	01	0																								
Obs. time	Obs. depth	Temp.			Sal.	σ_t			Oxygen		pH	PO_4 -P	Tot. P	Lign.	Sal. method	Extra info.																													
26	27	28	29	30	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	0273	05008	0404	519								X	65	0.0	2.19	26.5	3	3																										
	0002	0416	23158	1841	105									706	0.07		6.1																												
	0005	0389	27745	2208	237									729	0.10	1.21	11.3																												
	0010	0391	29146	2317	254									743	0.08	1.48	2.0																												
	0015	0378	29635	2358	370									763	0.09																														
	0020	0486	29609	2345	181									745	0.42		1.5																												
	0028	0495	31200	2470	286									755	0.57	1.41	1.3																												
														Observer Engström																															
														N 59° 06.5'																															
														E 11° 18.8'																															
														Secchi disk: 0.60 m																															

11 "Skagerak"

77 Sweden

1969

Station

Idefjorden 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																							
	5	6	7	8	9	10		11	12	13					14	15	16	17					18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0106	59	06	011	17	0	969	03	20	12	0025	00			07	04	000			0	01	0																								
Obs. time	Obs. depth	Temp.			Sal.	σ_t			Oxygen		pH	PO_4 -P	Tot. P	Lign.	Sal. method	Extra info.																													
26	27	28	29	30	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	0239	05516	0445	478								X	65	0.16	2.08	24.8				33																								
	0002	0322	21171	1690	342									713	0.08	1.20	9.6																												
	0005	0329	27728	2211	369									754	0.01	1.00	2.4																												
	0010	0295	28970	2311	372									772	0.09	1.08	2.0																												
	0015	0346	29541	2352	464									763	0.14	1.13	2.0																												
	0025	0464	30514	2418	249									750	0.41	1.63	1.3																												
														Observer Engström																															
														N 59° 05.9'																															
														E 11° 17.1'																															
														Secchi disk: 0.80 m																															

11 "Skagerak"

77 Sweden

1969

Station

Idefjorden 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						
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64		
0107	59	06	011	16	0	969	03	20	14	0020	00		07	04	000			0	01	0		
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Lign.	Sal. method	Extra info.									
26 27	28 29 30 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	0275	09197	0740	472				654	0.04	1.77	23.0	3	3								
	0002	0305	26434	2109	442				737	0.11		4.5										
	0005	0294	28260	2254	481				758	0.10		2.4										
	0010	0290	29048	2317	521				770	0.17	1.25	2.0										
	0020	0271	29632	2365	571				788		1.12	1.9										
Observer Engström																						
N 59° 05.75'																						
E 11° 15.8'																						
Secchi disk: 0.80 m																						

11 "Skagerak"

77 Sweden

1969

Station

Idefjorden 15

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb						
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64		
0108	59	06	011	15	0	969	03	20	14	0030	00		07	04	000			00	1	0		
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P	Lign.	Sal. method	Extra info.										
26 27	28 29 30 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	0246	22282	1781	570				733	0.14	8.4		3	3								
	0005	0147	29444	2358	772				815	0.05												
	0010	0103	30194	2421	847				829	0.09	0.1											
	0015	0134	30497	2443	830				824	0.12												
	0025	0338	32566	2593	710				813	0.10	0											
Observer Engström																						
N 59° 05.5'																						
E 11° 14.6'																						
Secchi disk: 1.90 m																						

11 "Skagerak"

77 Sweden

1969

Station

Idefjorden 16

Hydro Depth Observations. (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0109	59	05	011	13	0	969	03	20	15	0070	01			07	04	000						0	01	0	0			
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Lign.	Sal. method	Extra info.																
					mi/l	%							$\mu\text{g}/\text{l}$	$\mu\text{g}/\text{l}$	mg/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	0193	25802	2065	748					810	0.18	0.75	3.3	3	3													
	0005	0044	29263	2349	842					845	0.07		0.3															
	0010	0078	29797	2391	860					842	0.11	0.65	0.1															
	0015	0068	30193	2422	890					840	0.12																	
	0020	0170	31040	2485	801					823	0.19	0.70	0															
	0030	0369	33024	2626	680					815	0.60																	
	0040	0460	33676	2668	645					811	0.70																	
	0050	0547	34267	2706	626					813	0.72																	
	0060	0590	34606	2728	618					809	0.79	0.96																
												Observer Engström N 59° 05.2' E 11° 13.2' Secchi disk: 2.4 m																

11 "Skagerak"

77 Sweden

1969

Station

Idefjorden 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	Loc
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb						
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64		
0111	59	03	011	24	0	969	03	21	12	0033	00		00	00					0	09	1	
Obs. time	Obs. depth	Temp.		Sal.		σ _t		Oxygen		pH	PO ₄ -P	Tot.P	Lign.	Sal. method	Extra info.							
26 27	28 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			mg/l	77 78					
12	0000	007		0040		0029		042			0.14	0.47	0		33							
	0002	052		16690		1325		0			0.18	0.88	4.1									
	0006	095		22899		1764					0.70	1.19	1.6									
	0012	080		29757		2320					1.52	2.06	0									
	0020	057		30463		2402					2.92											
	0030	054		31105		2457		127			1.51	1.65	0.1									
											H ₂ S											
											μgat/l											
	0002										53.6											
	0006										20.4											
	0012										22.9											
	0020										82.2											
	0030										0											
											Observer Engström											

11 "Skagerak"

Station

77 Sweden

1969

Idefjorden 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																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0115	59	05	011	08	0	969	03	24	08	0050	00			00	00	040																				15	9	1							
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Lign.	Sol. method	Extra info.																																	
					ml/l	%		μ gat/l	μ gat/l	mg/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	0045	15647	1257	866																														3	3									
	0005	0032	28553	2292	938																																								
	0010	0031	29225	2346	941																																								
	0015	0036	29452	2364	921																																								
	0020	0089	30212	2423	873																																								
	0030	0486	33720	2670	630																																								
	0040	0596	34641	2730	616																																								
												Observer Engström																																	
												Secchi disk: 1.9 m																																	

11 "Skagerak"

Station

77 Sweden

1969

Klövningarna 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
0117	58	58	011	06	0	969	03	24	11	0040	00			32	06	020																	1	51	0										
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Sol. method		Extra info.																																	
					ml/l	%		μ gat/l	μ gat/l																																				
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64									77	78									
11	0000	0037	27463	2205	914																														3	3									
	0005	0032	28372	2278	930																																								
	0010	0045	28674	2300	949																																								
	0015	0026	29163	2341	947																																								
	0020	0037	29739	2387	938																																								
	0030	0507	34018	2690	645																																								
												Observer Engström																																	
												N 58° 58.3'																																	
												E 11° 06'																																	
												Secchi disk: 10.5 m																																	

11 "Skagerak"

77 Sweden

1969

Station

Tisler E

Hydro Depth Observations (Code 0 3)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	60	61					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	
0118	58	59	011	01	0	969	03	24	12	0150	01		32	06	020				1	5	1	0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Lign.	Sci. method	Extra info.											
					ml/l	%							$\mu\text{g}/\text{l}$	$\mu\text{g}/\text{l}$	mg/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	0100	21824	1751	888					796			0.52	1.0								3	3
	0005	0019	28392	2281	941					837		0.19											
	0010	0010	29014	2330	958					845		0.10											
	0015	0016	29544	2364	937					830		0.10											
	0020	0053	30051	2412	901					830		0.15											
	0030	0506	33900	2681	638					807		0.69											
	0040	0595	34684	2733	612					798		0.58											
	0050	0620	34871	2746	611					802		0.62											
	0075	0631	34982	2752	598					805		0.86											
	0100	0629	34991	2753	595					807		0.94											
	0140	0632	35108	2762	577					798		1.02											
												BT Slide Sk 173/11601/69											
												Observer Engström											
												N 58° 59'											
												E 11° 01.3'											
												Secchi disk: 6.6 m											

11 "Skagerak"

77 Sweden

1969

Station

Tisler SW

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb					
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59	60	61 62	63 64		
0119	58	58	010	560		969	03	24	13	0067	01		32	06	020			27	2	0	
Obs. time	Obs. depth	Temp.		Sol.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Lign.	Sat. method	Extra info.								
		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	0116		23067	1850			904				809	0.13	0.37	0.3					3	3
	0005	0037		28484	2287			941				836	0.13								
	0010	0005		29019	2331			958				847	0.16								
	0015	0013		29271	2350			950				843	0.14								
	0020	0068		30073	2413			905				835	0.20								
	0030	0436		33790	2680			642				810	0.59								
	0040	0567		34399	2714			616				802	0.71								
	0050	0635		34966	2750			605				804	0.77								
	0060	0642		35017	2753			596				800	2.11								
													BT Slide Sk 174/11601/69								
													Observer Engström								
													N 58° 57.6'								
													E 10° 55.8'								
													Secchi disk: 9 m								

11 "Skagerak"

77 Sweden

1969

Station

Klövningarna 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
0120	58	53	010	52	0	969	03	24	15	0046	00	020	32	06	020		2	72	0																										
Obs. time	Obs. depth	Temp.	Sal.	σ_t		Oxygen		pH	PO ₄ -P		Sal. method	Extra info.																																	
26	27	28	29	30	31	32	33	34	35	36			37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78															
14	0000	0069	26656	2140		927		837	0.05			3 4																																	
	0005	0054	28005	2248		932		840	0.04																																				
	0010	0061	28804	2311		917		831	0.01																																				
	0015	0066	29089	2334		913		836	0.11																																				
	0020	0057	29669	2382		901		840	0.07																																				
	0030	0491	33695	2667		654		811	0.47																																				
	0040	0579	34543	2725		636		806	0.67																																				
													BT Slide Sk 175/399/69																																
												Observer Engström																																	
												N 58° 52.9'																																	
												E 10° 51.6'																																	
												Secchi disk: 10 m																																	

11 "Skagerak"

77 Sweden

1969

Station

Klövningarna 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
0121	58	55	010	57	0	969	03	24	15	0025	00	018	32	10	020		2	72	0																										
Obs. time	Obs. depth	Temp.	Sal.	σ_t		Oxygen		pH	PO ₄ -P		Sal. method	Extra info.																																	
26	27	28	29	30	31	32	33	34	35	36			37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78															
15	0000	0092	26333	2113		916		822	0.07			3 4																																	
	0005	0054	26917	2161		921		843	0.06																																				
	0010	0011	28611	2298		948		829	0.01																																				
	0015	0008	29210	2347		953		812	0.09																																				
	0020	0107	30325	2432		884		823	0.08																																				
													BT Slide Sk 176/399/69																																
												Observer Engström																																	
												Secchi disk: 7.5 m																																	

11 "Skagerak"

Station

77 Sweden

1969

Klövningarna 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	58	59					60	61
0122	58	57	011	04	0			969	03	24	16	0220	02			32	10	020					15	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												
16	0000.	0109	25551	2049	903				836	0.05		3 4															
	0005	0049	27971	2245	936				835	0.04																	
	0010	0014	28871	2319	951				839	0.04																	
	0015	0025	29434	2362	939				844	0.05																	
	0020	0071	30222	2424	880				841	0.08																	
	0030	0501	33961	2686	636				816	0.55																	
	0040	0588	34587	2727	616				814	0.67																	
	0050	0619	34877	2747	604				806	0.78																	
	0075	0631	35007	2753	600				811	0.80																	
	0100	0633	35008	2753	603				811	0.87																	
	0150	0643	35067	2757	585				811	0.97																	
	0200		35094		586					0.97																	
												BT Slide Sk 177/11601/69															
												Observer Engström															
												N 58° 56.8'															
												E 11° 03.5'															
												Secchi disk: 8 m															

11 "Skagerak"

Station

77 Sweden

1969

Daniel

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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				
0123	58	56	011	09	0	969	03	24	17	0023	00		32	10	020					15	2	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	Sal. method	Extra info.											
					ml/l	%																
26 27	28 29 30 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	0044	27879	2238	908	837	0.05	0.40			3	3										
	0005	0042	28040	2252	916	853	0.02	0.42														
	0010	0032	28692	2303	939	851	0.04	0.35														
	0015	0028	29075	2334	940	846	0.11	0.43														
	0020	0034	29841	2395	951	842	0.10	0.53														
Observer Engström																						
N 58° 55.8'																						
E 11° 08.5'																						
Secchi disk: 7.7 m																						

11 "Skagerak"

Station

77 Sweden

1969

N Hirtshals

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	58	59					60
0124	58	11	009	56	0	969	03	28	17	0425	04		23	12	050					13	2	0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Sal. method	Extra info.														
					ml/l	%																	
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42 43 44 45	58 59 60	61 62 63 64					77	78											
17	0000	0154	27600	2212																			
	0010	0131	29671	2385																			
	0020	0191	31595	2540																			
	0030	0378	33201	2640																			
	0040	0442	33941	2692																			
	0050	0450	34241	2715																			
	0100	0495	34549	2735																			
	0200	0580	34799	2744																			
	0300	0632	35121	2763																			
	0400	0618	35159	2768																			
BT Slide Sk 178/11601/69																							
Observer Dybern																							

11 "Skagerak"

77 Sweden

1969

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	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56
0126	57	33	011	32	0	969	04	14	12	0078	01	007	34	16	050						1	3	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l		Sal. method	Extra info.												
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58			59 60	61 62 63	64	77	78							
12	0000	0444	26702	2119	779	1021	805	0.16			3	4											
	0005	0443	27285	2166	770	1013	809	0.11															
	0010	0451	30451	2415	748	1008	808	0.29															
	0015	0448	33519	2658	700	962	804	0.39															
	0020	0526	34311	2712	648	913	801	0.60															
	0030	0540	34533	2728	685	968	801	0.57															
	0040	0572	34760	2742	730	1040	805	0.42															
	0050	0583	34793	2743	760	1087	811	0.29															
	0060	0566	34813	2748	648	924	807	0.55															
	0070	0563	34813	2749	700	996	806	0.52															
												BT Slide Sk 179/11601/69											
												Observer Bladh											
												N 57° 33'											
												E 11° 31.5'											

11 "Skagerak"

77 Sweden

1969

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	
	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
0127	57	12	011	40	0	969	04	14	14	0078	01	008	34	12	050			14	3	0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	NO ₃ -N	Sol. method	Extra info.									
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58	59 60			61 62 63 64	77	78						
14	0000	0406	24842	1976	801	1028	804	0.13	0.33	0.05		3	3								
	0005	0398	24836	1977	799	1024	811	0.24	0.30	0.00											
	0010	0290	28716	2291	811	1040	813	0.18	0.34	0.45											
	0015	0440	32773	2599	672	917	804	0.51	0.64	4.50											
	0020	0526	34159	2700	622	874	800	0.65	0.76	6.65											
	0030	0582	34705	2737	593	847	797	0.75	0.98	9.75											
	0040	0606	34852	2746	572	823	796	0.85	1.00	8.50											
	0050	0612	34923	2750	563	812	794	0.92	1.14	10.90											
	0060	0616	34958	2752	557	804	795	1.08	1.15	10.55											
	0070	0620	34987	2754	547	789	793	1.06	1.15	10.30											
	0000							Si O ₂													
	0005							$\mu\text{gat}/\text{l}$													
	0010							1.17													
	0015							0.50													
	0020							0.90													
	0030							4.30													
	0040							3.85													
	0050							6.95													
	0060							8.85													
	0070							10.30													
								10.80													
								10.60													
								BT Slide Sk 180/11601/69													
								Observer Bladh													
								N 57° 11.5'													
								E 11° 40'													

11 "Skagerak"

Station

77 Sweden

1969

L:a Middelgrund

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62 63	64	
0128	56	58	011	46	0	969	04	14	16	0100	01	007	32	10	050			13	3	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

16	0000	0388	24445	1946	802	1022	813	0.13		3	4
	0005	0388	24477	1948	800	1019	815	0.15			
	0010	0267	30027	2397	809	1041	813	0.28			
	0015	0448	33435	2652	619	849	800	0.53			
	0020	0499	33878	2681	612	854	797	0.70			
	0030	0544	34339	2712	588	829	797	0.75			
	0040	0567	34521	2724	572	814	795	0.75			
	0050	0568	34576	2729	578	823	795	0.79			
	0060	0572	34629	2732	589	839	795	0.86			
	0070	0577	34690	2736	551	787	795	0.88			
	0080	0575	34691	2736	547	781	794	0.95			
	0090	0575	34699	2736	546	780	795	0.92			

BT Slide Sk 181/11601/69

Observer Bladh

N 56° 57.5'

E 11° 45.5'

11 "Skagerak"

77 Sweden

1969

Station

Kullen

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0129	56	14	012	22	0	969	04	14	21	0025	00	017	27	18	030			00	3	0																									
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	NO ₃ -N	Sai. method	Extra info.																																	
26	27	28	29	30	31	32		33	34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	ml/l	%	µgat/l	µgat/l	µgat/l	77	78									
21	0000	0334	22007	1755	828	1030	812	0.07	0.44	0.15		3	3																																
	0005	0331	21976	1753	825	1026	814	0.06	0.38	0.05																																			
	0010	0339	22386	1786	821	1022	815	0.13	0.47	0.15																																			
	0015	0321	22507	1796	765	951	816	0.51	0.38	0.30																																			
	0020	0549	34246	2705	460	650	784	0.81	1.10	7.55																																			
	0000							Si O ₂																																					
	0005							µgat/l																																					
	0010							1.10																																					
	0015							1.10																																					
	0020							0.50																																					
								0.30																																					
								10.95																																					
								BT Slide Sk 182/399/69																																					
								Observer Engström																																					

11 "Skagerak"

77 Sweden

1969

Station

BY 1 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
0130	55	00	013	18	0	969	04	15	06	0045	00	021	23	14	020			27	3	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	ml/l	%	µgat/l			77	78									
06	0000	0216	0797	0642	986	819	0.11											11	4																										
	0005	0219	0797	0642	983	820	0.17																																						
	0010	0217	0794	0640	986	821	0.14																																						
	0015	0219	0797	0642	982	823	0.09																																						
	0020	0219	0802	0646	982	821	0.09																																						
	0030	0155	1294	1040	920	806	0.21																																						
	0040	0220	1956	1567	819	819	0.40																																						
								BT Slide Sk 183/399/69																																					
								Observer Engström																																					

11 "Skagerak"

77 Sweden

1969

Station

BY 2 Arkona

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																							
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0131	55	00	014	05	0	969	04	15	08	0048	00	014	23	14	036	023	2	73	0																										
Obs. time	Obs. depth	Temp.	Sal.	σ _t	Oxygen		pH	PO ₄ -P	Tot.P	Alkal.	Sal. method	Extra info.																																	
26	27	28	29	30	31	32		33	34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
08	0000	0269	0796	0641	965		818	0.11	0.50	1.557		3																																	
	0005	0260	0796	0641	970		822	0.15	0.44	1.568																																			
	0010	0263	0796	0641	964		819	0.08	0.44	1.573																																			
	0015	0233	0811	0653	978		821	0.16	0.38	1.581																																			
	0020	0235	0811	0653	974		823	0.10	0.44	1.592																																			
	0030	0277	1298	1041	997		831	0.13	0.43	1.761																																			
	0040	0252	1583	1268	950		814	0.15	0.45	1.872																																			
	0045	0227	2163	1731	761		811	0.50	0.71	2.051																																			
								NO ₃ -N	SiO ₂																																				
								µgat/l	µgat/l																																				
	0000							0.00	7.35																																				
	0005							0.00	5.55																																				
	0010							0.10	4.05																																				
	0015							0.00	4.45																																				
	0020							0.00	4.25																																				
	0030							0.35	1.00																																				
	0040							0.75	1.00																																				
	0045							1.45	4.35																																				
BT Slide Sk 184/399/69																																													
Observer Engström																																													

11 "Skagerak"

Station

77 Sweden

1969

BY 3 Hamrarne sund

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																							
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
																	5	6					7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
0132	55	18	014	24	0	969	04	15	11	0046	00	022	18	18	050					28	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														
11	0000	0210	0767	0617		980					816	0.13										1	4																						
	0005	0209	0762	0613		984					812	0.30																																	
	0010	0209	0761	0612		979					813	0.11																																	
	0015	0206	0758	0610		988					817	0.11																																	
	0020	0202	0765	0616		996					814	0.17																																	
	0030	0238	0804	0647		990					824	0.09																																	
	0040	0113	1111	0893		983					818	0.16																																	
	0044	0114	1112	0894		969					818	0.11																																	
												BT Slide Sk 185/399/69																																	
												Observer Bladh																																	
												N 55° 17.5'																																	
												E 14° 24'																																	

11 "Skagerak"

Station

77 Sweden

1969

BY 6

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																							
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
																	5	6					7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
0133	54	42	015	15	0	969	04	15	16	0063	01	045	18	16	030					6	83	0																							
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P		Sal. method	Extra info.																																		
26	27	28	29	30	31	32		33	34			35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
16	0000	0199	0763	0614		971					808	0.29										1	4																						
	0005	0197	0764	0615		976					808	0.15																																	
	0010	0196	0763	0614		977					808	0.23																																	
	0015	0194	0763	0614		977					810	0.10																																	
	0020	0194	0763	0614		978					808	0.25																																	
	0030	0193	0764	0615		975					807	0.11																																	
	0040	0174	0766	0616		968					804	0.06																																	
	0050	0140	0819	0659		926					795	0.45																																	
	0060	0481	1438	1144		462					751	1.33																																	
												BT Slide Sk 186/11601/69																																	
												Observer Bladh																																	

11 "Skagerak"

77 Sweden

1969

Station

BY 5 Bornholmsdjupet

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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
0135	55	15	015	59	0	969	04	15	22	0091	01	034	27	14	028	024	12	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
22	0000	01	94	07	59	06	11	982						799	0.07	0.59	1.551										1	3
	0005	01	89	07	60	06	12	990						803	0.15	0.56	1.530											
	0010	01	96	07	59	06	11	989						807	0.26	0.53	1.557											
	0015	01	95	07	60	06	12	976						808	0.07	0.61	1.538											
	0020	01	93	07	60	06	12	973						808	0.18	0.48	1.541											
	0030	01	88	07	60	06	12	972						806	0.07	0.42	1.546											
	0040	01	52	07	68	06	17	969						805	0.15	0.44	1.543											
	0050	00	86	08	47	06	79	935						793	0.38	0.47	1.565											
	0060	04	30	12	89	10	29	609						762	0.81	0.94	1.736											
	0070	05	81	14	99	11	86	340						738	1.45	1.43	1.831											
	0080	03	57	16	38	13	08	610						768	1.04	0.96	1.845											
	0087	03	28	16	90	13	51	630						772	1.04	1.09	1.880											
	0000																											
	0005																											
	0010																											
	0015																											
	0020																											
	0030																											
	0040																											
	0050																											
	0060																											
	0070																											
	0080																											
	0087																											
														NO ₃ -N		SiO ₂												
														µgat/l		µgat/l												
	0000														0.25	9.60												
	0005														0.00	6.15												
	0010														0.10	6.90												
	0015														0.05	9.85												
	0020														0.05	8.50												
	0030														0.10	7.35												
	0040														0.70	11.05												
	0050														2.55	12.20												
	0060														6.35	24.15												
	0070														5.75	37.40												
	0080														5.60	18.65												
	0087														5.95	21.15												
														BT Slide Sk 188/11601/69														
														Observer Engström														

11 "Skagerak"

77 Sweden

1969

Station

BY 8 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																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0137	55	38	018	36	0	969	04	16	08	0097	01	048	23	12	035			2	8	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														
08	0000	0141	0748	0601	971				786	0.13	0.51	1.568	1	3																															
	0005	0143	0749	0602	974				793	0.18	0.56	1.568																																	
	0010	0144	0749	0602	992				797	0.16	0.62	1.565																																	
	0015	0174	0749	0602	970				796	0.18	0.56	1.565																																	
	0020	0141	0749	0602	961				800	0.24	0.52	1.554																																	
	0030	0140	0751	0603	985				795	0.23	0.40	1.554																																	
	0040	0143	0751	0603	965				801	0.23	0.32	1.557																																	
	0050	0114	0758	0609	964				797	0.28	0.43	1.560																																	
	0060	0104	0774	0621	933				791	0.32	0.51	1.565																																	
	0070	0233	0839	0675	687				758	0.62	0.87	1.587																																	
	0080	0427	0990	0792	091				707	1.74	1.93	1.674																																	
	0090	0487	1185	0943	473				742	1.20	1.96	1.717																																	
	0000									NO ₃ -N	SiO ₂																																		
	0005									µgat/l	µgat/l																																		
	0010									0.80	6.15																																		
	0015									1.05	10.35																																		
	0020									1.05	9.50																																		
	0030									1.00	8.05																																		
	0040									1.05	9.60																																		
	0050									1.05	9.15																																		
	0060									0.55	6.55																																		
	0070									1.90	12.60																																		
	0080									2.85	11.05																																		
	0090									4.50	21.95																																		
										5.70	46.10																																		
										6.90	30.90																																		
BT Slide Sk 190/11601/69																																													
Observer Engström																																													

11 77 Skagerak"

Station

77 Sweden

1969

BY 9 Klaipeda

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb						
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64		
0138	56	05	019	10	0	969	04	16	12	0123	00	051	23	12	050			1	53	0		
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Alkal.	Sol. method	Extra info									
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45		58 59 60	61 62 63 64	77			78								
12	0000	0114	0746	0600	993				810	0.17	0.43	1.570	1	3								
	0005	0113	0745	0599	991				805	0.08	0.43	1.568										
	0010	0107	0745	0599	998				802	0.14	0.40	1.557										
	0015	0108	0745	0599	917				803	0.11	0.55	1.549										
	0020	0112	0745	0599	992				801	0.09	0.43	1.554										
	0030	0113	0745	0599	989				805	0.23	0.35	1.557										
	0040	0109	0745	0599	989				804	0.14	0.39	1.554										
	0050	0108	0746	0600	993				803	0.09	0.39	1.568										
	0060	0086	0769	0616	960				793	0.36	0.44	1.581										
	0070	0351	0918	0736	297				718	1.20	1.35	1.657										
	0080	0502	1038	0826	233				712	1.50	1.57	1.690										
	0090	0494	1101	0877	205				711	1.67	1.81	1.706										
	0100	0602	1148	0907	235				716	1.63	1.63	1.706										
	0115	0557	1172	0930	377				729	1.36	1.27	1.723										
	0000									NO ₃ -N	SiO ₂											
	0005									μgat/l	μgat/l											
	0010									0.35	5.45											
	0015									0.45	7.20											
	0020									0.35	5.80											
	0030									0.50	8.40											
	0040									0.40	7.95											
	0050									0.40	7.85											
	0060									2.90	12.15											
	0070									5.65	32.50											
	0080									5.40	33.50											
	0090									6.00	43.40											
	0100									6.60	38.20											
	0115									4.80	30.30											

BT Slide Sk 191/11601/69

Observer Engström

11 "Skagerak"

Station

77 Sweder.

1969

BY 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	60
0139	56	38	019	35	0	969	04	16	16	0148	01	050	23	10	050							1	63	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
16	0000	0096	0738	0592	993			791	0.16																				14	
	0005	0099	0737	0591	995			796	0.20																					
	0010	0096	0735	0590	991			797	0.13																					
	0015	0097	0735	0590	993			801	0.09																					
	0020	0101	0735	0590	990			803	0.12																					
	0030	0099	0735	0590	998			805	0.12																					
	0040	0093	0735	0590	991			805	0.11																					
	0050	0090	0735	0590	988			804	0.16																					
	0060	0075	0764	0613	876			785	0.33																					
	0070	0402	0951	0761	193			712	1.66																					
	0080	0506	1025	0816	300			720	1.40																					
	0100	0550	1098	0871	136			715	1.47																					
	0125	0528	1191	0946	389			738	1.36																					
	0140	0541	1214	0963	361			735	1.46																					
										BT Slide Sk 192/11601/69																				
										Observer Bladh																				

11 "Skagerak"

77 Sweden

1969

Station

BY 38,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	51	52					53	54
0140	57	07	017	40	0	969	04	16	23	0108	01	048	32	08	015							1	33	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									
23	0000	0145	0712	0573	979			790	0.22	0.49	1.500		1 5											
	0005	0148	0709	0571	970			795	0.22	0.49	1.500													
	0010	0143	0709	0571	974			798	0.23	0.45	1.546													
	0015	0145	0709	0571	974			795	0.20	0.46	1.497													
	0020	0147	0709	0571	969			800	0.16	0.38	1.522													
	0030	0147	0709	0571	982			801	0.23	0.43	1.535													
	0040	0143	0713	0574	976			797	0.24	0.42	1.497													
	0050	0129	0709	0571	982			796	0.21	0.49	1.494													
	0060	0311	0786	0632	604			746	0.80	0.76	1.549													
	0070	0406	0923	0739	214			711	2.07	1.97	1.636													
	0080	0434	0998	0797	065			700	2.60	2.18	1.676													
	0090	0436	1015	0812	030			701	2.90	2.50	1.701													
	0100	0440	1020	0815	020			697	3.00	3.07	1.704													
	0105	0440	1021	0816	023			697		2.70	1.709													
									NO ₃ -N	SiO ₂														
									µgat/l	µgat/l														
	0000								0.80	8.95														
	0005								0.85	8.95														
	0010								0.60	7.55														
	0015								0.60	11.45														
	0020								0.45	10.50														
	0030								0.55	9.85														
	0040								0.60	10.15														
	0050								0.80	11.90														
	0060								1.95	17.60														
	0070								1.90	33.80														
	0080								1.40	40.40														
	0090								1.20	48.40														
	0100								1.20	57.20														
	0105								0.90	49.20														

BT Slide Sk 193/11601/69
Observer Bladh

11 "Skagerak"
77 Sweden

1969

Station
BY 34 (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	58	59					60	61																				
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0141	57	40	017	56	0		969	04	17	03	0105	01	048	32	02	010																					2	8	5	0					
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l		Sal. method	Extra info.																																		
26	27	28	29	30	31	32		33	34			35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
03	0000	0121	0701	0564	999		791	0.24			1	4																																	
	0005	0117	0698	0561	992		800	0.22																																					
	0010	0119	0703	0566	900		804	0.17																																					
	0015	0123	0700	0563	996		807	0.12																																					
	0020	0123	0699	0562	990		806	0.18																																					
	0030	0125	0699	0562	996		811	0.12																																					
	0040	0124	0700	0563	996		810	0.22																																					
	0050	0088	0703	0565	971		803	0.16																																					
	0060	0293	0764	0614	616		764	0.64																																					
	0070	0384	0867	0694	370		730	1.73																																					
	0080	0430	1000	0800	082		709	2.82																																					
	0090	0442	1024	0818	010		708	3.10																																					
	0100	0445	1035	0826	019		705	3.17																																					

BT Slide Sk 194/11601/69
Observer Bladh

11 "Skagerak"

77 Sweden

1969

Station

BY 32 B

Norrköpingsdjupet

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																					
	9	10	11	12		13	14	15					16	17	18	19					20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0142	5	8	0	0	18	0	0	969	04	17	06	02	047	36	16	010		78	3	0																					
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO_4-P		H_2S	Sol. method	Extra info.																													
26	27	28	29	30	31	32		33	34				35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78									
06	0000	0120	0701	0563	989		790	0.10				1	3																												
	0005	0118	0700	0562	993		800	0.10																																	
	0010	0122	0701	0563	993		801	0.07																																	
	0015	0121	0699	0562	994		807	0.11																																	
	0020	0117	0697	0561	968		806	0.08																																	
	0030	0118	0698	0561	991		806	0.09																																	
	0040	0111	0699	0562	986		806	0.12																																	
	0050	0087	0706	0567	947		800	0.22																																	
	0060	0231	0750	0605	755		779	0.38																																	
	0070	0335	0855	0684	385		737	1.09																																	
	0080	0413	0951	0761	161		718	1.38																																	
	0090	0431	0988	0791	082		691	2.23																																	
	0100	0434	1009	0806	039		696	1.97																																	
	0125	0446	1031	0824	014		699	1.73																																	
	0150	0444	1039	0830	0		708	3.54	1.05																																
	0175	0446	1038	0829	0		700	3.88	1.35																																
	0190	0446	1038	0829	0		703	3.93	2.10																																
												BT Slide Sk 195/11601/69																													
												Observer Bladh																													

11 "Skagerak"

77 Sweden

1969

Station

BY 31 A

Hydro Depth Observations (Code 03)

Landsortsdjupet

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0143	58	35	018	14	0	969	04	17	11	0459	04	027	36	16	010			7	85	0																									
Obs. time	Obs. depth	Temp.		Sal.		σ_t		Oxygen		pH	NO ₃ -N µgat/l	SiO ₂ µgat/l	H ₂ S µgat/l	Sail. method	Extra info.																														
26	27	28	29	30	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											0.50	6.80																																
	0005											0.15	9.15																																
	0010											0.10	7.45																																
	0015											0.15	9.05																																
	0020											0.10	5.45																																
	0030											0.15	9.30																																
	0040											1.80	11.90																																
	0050											2.70	14.00																																
	0060											3.25	37.20																																
	0070											2.00	32.70																																
	0080											2.60	49.10																																
	0090											1.85	48.50																																
	0100											1.25	40.90																																
11	0125											1.65	58.20																																
	0150											0.25	51.30																																
	0175											0.00	53.40	1.20																															
	0200											0.05	45.20	2.14																															
	0300											0.00	39.90	3.05																															
	0400											0.00	52.80	4.30																															
	0440											0.00	53.40	1.30																															

11 "Skagerak"

77 Sweden

1969

Station

BY 30 (L 21)

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice			
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb							
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63 64				
0144	58	47	019	06	0	969	04	17	18	0130	01	043	36	26	000			7	8	40			
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P H ₂ S		Sal. method	Extra info.												
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58 59 60			61 62 63 64	77	78									
18	0000	0063	0713	0571			006				796	0.16								1	3		
	0005	0066	0713	0571			007				801	0.16											
	0010	0065	0713	0571			006				804	0.16											
	0015	0059	0713	0571			998				806	0.16											
	0020	0061	0713	0571			998				809	0.18											
	0030	0062	0713	0571			001				810	0.14											
	0040	0056	0713	0571			002				809	0.16											
	0050	0029	0723	0579			958				800	0.22											
	0060	0119	0753	0605			842				785	0.43											
	0070	0308	0833	0669			501				725	1.08											
	0080	0429	0995	0795			087				699	2.34											
	0090	0448	1035	0827			042				700	2.70											
	0100	0457	1049	0837			033				702	2.80											
	0125	0479	1084	0864			0				705	3.35	0.60										
												BT Slide Sk 197/11601/69											
												Observer Engström											

11 "Skagerak"

77 Sweden

1969

Station

BY 29 (L 19)

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	58	59				
0145	58	53	020	19	0		969	04	17	22	0170	01	029	36	18	000						2	84	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

23	0000	0087	0700	0562	007		784	0.13	0.31	1.519	1	3
	0005	0080	0700	0562	013		808	0.14	0.30	1.527		
	0010	0080	0700	0562	012		808	0.17	0.35	1.508		
	0015	0082	0700	0562	018		809	0.15	0.33	1.508		
	0020	0084	0700	0562	015		811	0.16	0.35	1.530		
	0030	0061	0703	0564	002		808	0.10	0.31	1.530		
	0040	0021	0709	0568	983		803	0.18	0.27	1.524		
	0050	0000	0718	0574	960		797	0.21	0.32	1.541		
	0060	0080	0734	0590	904		786	0.40	0.39	1.565		
	0070	0311	0841	0675	498		732	1.29	1.26	1.622		
22	0080	0436	1003	0802	083		692	2.60	2.09	1.693		
	0090	0457	1040	0830	030		699	2.70	2.56	1.709		
	0100	0460	1058	0844	024		698	2.80	2.68	1.698		
	0125	0478	1083	0864	018		701	2.94	2.91	1.733		
	0150	0486	1077	0858	0		700	3.17	3.41	1.763		

BT Slide Sk 198/11601/69

Observer Engström

NO ₃ -N	SiO ₂	H ₂ S
μgat/l	μgat/l	μgat/l

23	0000						0.10	11.15				
	0005						0.00	7.35				
	0010						0.05	11.50				
	0015						0.00	11.25				
	0020						0.00	9.30				
	0030						0.05	9.25				
	0040						0.35	8.65				
	0050						1.85	11.45				
	0060						2.00	11.25				
	0070						3.35	32.20				
22	0080						1.40	44.20				
	0090						2.00	55.20				
	0100						2.15	63.40				
	0125						0.00	66.20				
	0150						0.00	61.20	3.20			

11 "Skagerak"
77 Sweden

1969

Station
BY 28 (L 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												
	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
0146	59	02	021	05	0	969	04	18	01	0185	02	025	36	18	000							28	3	0										
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P μgat/l	H ₂ S μgat/l	77	78																						
		32	33			34	35						36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64					
02	0000	0061	0597	0559	016			791	0.13																									
	0005	0058	0699	0561	014			798	0.10																									
	0010	0052	0598	0560	012			804	0.07																									
	0015	0055	0698	0560	006			812	0.10																									
	0020	0052	0698	0560	009			811	0.10																									
	0030	0032	0701	0561	988			810	0.11																									
	0040	0009	0718	0574	954			800	0.13																									
	0050	0019	0726	0581	937			796	0.22																									
	0060	0184	0794	0638	686			758	0.59																									
	0070	0360	0928	0744	225			719	1.44																									
	0080	0443	1019	0814	044			710	1.81																									
01	0090	0453	1043	0832	026			693	2.21																									
	0100	0461	1054	0841	020			699	2.56																									
	0125	0466	1069	0854	0			699	3.02	5.50																								
	0150	0474	1079	0860	0			703	3.13	3.58																								
	0175	0479	1088	0868	0			703	3.90	9.72																								

BT Slide Sk 199/11601/69
Observer Bladh

11 "Skagerak"

77 Sweden

1969

Station

BY 27 (Finska vikens mynning)

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb						
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 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	59	17	021	34	0	969	04	18	05	0180	02		34	16	X005					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	Sol. method	Extra info.										
					ml/l	%																
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63	64	77	78									
05	0000	0037	0705	0565	015		802	0.08	0.56	1.532	1	3										
	0005	0037	0705	0565	016		808	0.12	0.70	1.530												
	0010	0035	0704	0564	021		810	0.15	0.67	1.527												
	0015	0034	0705	0565	021		812	0.08	0.67	1.541												
	0020	0036	0704	0564	012		813	0.11	0.64	1.530												
	0030	0033	0708	0567	005		812	0.12	0.52	1.549												
	0040	0012	0721	0577	971		806	0.21	0.59	1.576												
	0050	0030	0741	0594	933		796	0.30	0.57	1.576												
	0060	0196	0783	0630	707		774	0.75	0.92	1.573												
	0070	0365	0931	0746	251		723	1.97	2.28	1.636												
	0080	0422	1015	0812	081		709	2.70	3.27	1.652												
	0090	0423	1017	0814	074		703	2.87	2.77	1.674												
	0100	0476	1021	0815	069		706	2.90	2.30	1.682												
	0125	0437	1036	0828	054		700	3.10	3.08	1.701												
	0150	0450	1051	0840	027		700	3.33	3.08	1.682												
	0175	0459	1059	0845	016		703	3.35	2.97	1.687												
	0000							NO ₃ -N	SiO ₂													
	0005							μgat/l	μgat/l													
	0010							0.15	8.30													
	0015							0.10	11.60													
	0020							0.10	9.15													
	0030							0.05	8.75													
	0040							0.05	12.00													
	0050							1.75	12.00													
	0060							1.55	11.90													
	0070							2.75	13.55													
	0080							3.30	22.65													
	0090							4.25	46.60													
	0100							2.80	59.40													
	0125							2.05	56.40													
	0150							1.55	39.90													
	0175							1.60	61.80													
								0.70	57.80													
								0.15	52.20													

BT Slide Sk 200/11601/69
 Observer Engström
 N 59° 17.48'
 E 21° 34'

11 "Skagerak"
77 Sweden

1969

Station
BY 26 (L 13)

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	58	59
0148	59	22	022	28	0	969	04	18	09	0105	01	045	36	16	000											78	30			
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	Method	Extra info.
09	0000	0036	0691	0553			987																					1	4	
	0005	0032	0692	0554			920																							
	0010	0026	0695	0556			861																							
	0015	0027	0701	0561			804																							
	0020	0024	0703	0563			939																							
	0030	0008	0706	0566			988																							
	0040	0001	0709	0570			864																							
	0050	0006	0719	0575			928																							
	0060	0028	0731	0585			657																							
	0070	0183	0800	0643			196																							
	0080	0371	0952	0763																										
	0090	0444	1030	0823			032																							
	0100	0455	1051	0840			014																							

BT Slide Sk 201/11601/69
Observer Engström

11 "Skagerak"

77 Sweden

1969

Station

L 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					
	°	'	°	'	''	Year		Mo.	Day	Dir.					Sp. kn.	Dry bulb	Wet bulb	58	59	60			61	62	63	64		
0149	59	29	022	54	0	969	04	18	11	0082	01	058	32	14	000							28	3	1				
Obs. time	Obs. depth	Temp.	Sal.	σ _t			Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	Alkal. Mval/l	Sal. method	Extra info.														
26	27	28	29	30	31	32	33	34							35	36	37	38	39	40	41	42	43	44	45	58	59	60
11	0000	X004	0662	0528			001		784	0.25	0.78	1.486																
	0005	X001	0662	0528			003		802	0.17	0.78	1.497																
	0010	X001	0662	0528			003		803	0.12	0.80	1.486																
	0015	X006	0667	0533			003		804	0.24	0.97	1.508																
	0020	0002	0673	0538			990		803	0.25	0.81	1.516																
	0030	0004	0690	0552			981		802	0.25	0.71	1.513																
	0040	0005	0692	0553			971		796	0.27	0.87	1.538																
	0050	0011	0706	0565			968		794	0.30	0.65	1.538																
	0060	0070	0737	0592			831		778	0.58	0.70	1.557																
	0070	0320	0906	0727			317		719	1.86	2.02	1.644																
	0080	0420	1012	0809			063		710	2.80	2.65	1.690																
										NO ₃ -N	SiO ₂																	
	0000									µgat/l	µgat/l																	
										0.95	12.55																	
	0005									0.85	11.80																	
	0010									1.00	11.35																	
	0015									1.35	11.70																	
	0020									1.65	11.45																	
	0030									1.95	12.90																	
	0040									2.20	12.55																	
	0050									2.10	10.70																	
	0060									3.50	16.75																	
	0070									4.50	42.70																	
	0080									2.70	52.20																	

BT Slide Sk 202/11601/69
Observer Bladh

11 "Skagerak"

77 Sweden

1969

Station

L 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	55	56	57	58	59	60	61	62	63	64
0149	59	29	022	54	0			969	04	18	11	0082	01	058	32	14	000								23	3	1																												
Obs. time	Obs. depth	Temp.				Sal.				σ _t	Oxygen		pH	PO ₄ -P μgat/l	Tot.P μgat/l	Alkal. Mval/l	Soil. method	Extra info.																																					
											ml/l	%							77	78																																			
11	0000	X004						0662		0528	001			784	0.25	0.78	1.486		1	3																																			
	0005	X001						0662		0528	X003			802	0.17	0.78	1.497																																						
	0010	X001						0662		0528	X003			803	0.12	0.80	1.486																																						
	0015	X006						0667		0533	X003			804	0.24	0.97	1.508																																						
	0020	0002						0673		0538	990			803	0.25	0.81	1.516																																						
	0030	0004						0690		0552	981			802	0.25	0.71	1.513																																						
	0040	0005						0692		0553	971			796	0.27	0.87	1.538																																						
	0050	0011						0706		0555	968			794	0.30	0.65	1.538																																						
	0060	0070						0737		0592	831			778	0.58	0.70	1.557																																						
	0070	0320						0906		0727	317			719	1.86	2.02	1.644																																						
	0080	0420						1012		0809	063			710	2.80	X2.65	1.690																																						
	0000																																																						
	0005																																																						
	0010																																																						
	0015																																																						
	0020																																																						
	0030																																																						
	0040																																																						
	0050																																																						
	0060																																																						
	0070																																																						
	0080																																																						

BT Slide Sk 202/11601/69

Observer Bladh

11 "Skagerak"

77 Sweden

1969

Station

BY 21 (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	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
0150	58	27	020	20	0			969	04	18	21	0128	01	045	23	16	000																									28	4	0	
Obs. time	Obs. depth	Temp.			Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	H ₂ S µgat/l	Sol. method	Extra info.																																
26	27	28	29	30	31	32	33	34						35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78												
22	0000	0062	0728	0584	002				784	0.07		1	3																																
	0005	0062	0728	0584	004				803	0.11																																			
	0010	0064	0728	0584	999				804	0.08																																			
	0015	0072	0728	0584	996				805	0.17																																			
	0020	0081	0737	0591	003				808	0.11																																			
	0030	0084	0738	0592	996				806	0.11																																			
	0040	0059	0749	0600	958				798	0.18																																			
	0050	0248	0839	0675	536				736	0.90																																			
21	0060	0406	0973	0780	140				698	1.99																																			
	0070	0427	1007	0805	082				698	2.29																																			
	0080	0450	1033	0825	048				701	2.35																																			
	0090	0470	1054	0841	044				702	2.44																																			
	0100	0475	1071	0854	025				702	2.66	0																																		
	0120	0499	1103	0878	016				703	2.98	0																																		

BT Slide Sk 203/11601/69

Observer Engström

N 58° 26.5'

E 20° 20'

11 "Skagerak"

77 Sweden

1969

Station

BY 20 (F 80)

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	58	59					60	61	62	63	64	
0151	58	00	019	540		19	04	19	01	0203	02	046	34	16	005						2	8	3	0				
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot.P	Alkal.	Sol. method	Extra info.																
26	27	28	29	30	31	32		33	34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63
01	0000	0060	0724	0581			022	802	0.09	0.43	1.516	1	3															
	0005	0059	0722	0580			014	805	0.10	0.56	1.511																	
	0010	0060	0725	0582			019	809	0.10	0.53	1.522																	
	0015	0057	0722	0580			017	811	0.11	0.53	1.484																	
	0020	0058	0725	0582			013	812	0.16	0.48	1.470																	
	0030	0054	0723	0580			999	807	0.16	0.48	1.530																	
	0040	0046	0726	0582			994	808	0.17	0.51	1.527																	
	0050	0037	0745	0596			916	793	0.39	0.62	1.535																	
	0060	0361	0874	0701			364	727	1.33	1.63	1.685																	
	0070	0413	0962	0770			146	713	1.95	2.54	1.584																	
	0080	0448	1024	0818			060	709	2.16	2.57	1.587																	
	0090	0465	1050	0838			037	706	2.41	2.78	1.674																	
	0100	0490	1084	0864			023	689	2.47	2.62	1.660																	
	0125	0534	1157	0919				696	3.35	3.76	1.704																	
	0150	0539	1187	0942				701	4.34	4.05	1.763																	
	0175	0538	1198	0951				704	4.98	4.45	1.714																	
	0190	0538	1199	0952				704	5.04	5.06	1.761																	
										NO ₃ -N	SiO ₂	H ₂ S																
										µgat/l	µgat/l	µgat/l																
	0000									0.25	4.15																	
	0005									0.10	5.15																	
	0010									0.10	8.50																	
	0015									0.00	4.90																	
	0020									0.05	7.45																	
	0030									0.05	6.35																	
	0040									0.35	9.05																	
	0050									2.95	8.55																	
	0060									2.70	33.20																	
	0070									3.95	48.30																	
	0080									5.65	55.40																	
	0090									2.25	50.90																	
	0100									3.90	60.40																	
	0125									0.05	65.60	0																
	0150									0.15	71.00	17.7																
	0175									0.00	73.00	31.2																
	0190									0.00	75.20	32.6																

BT-Slide Sk 204/11601/69
Observer Bladh

11 "Skagerak"
77 Sweden

1969

Station
BY 19

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56
0152	57	37	020	10	0	969	04	19	04	0150	01	037	18	08	010						0	02	0
% Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P H ₂ S		Sol. method	Extra info.											
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45		58	59 60			61 62 63 64	77	78								
05	0000	0085	0729	0585	005			786	0.09		1	3											
	0005	0081	0730	0586	012			809	0.09														
	0010	0085	0730	0586	004			813	0.14														
	0015	0084	0730	0586	004			814	0.17														
	0020	0080	0730	0586	002			813	0.17														
	0030	0081	0730	0586	005			813	0.17														
	0040	0063	0736	0591	988			809	0.18														
	0050	0073	0732	0588	876			792	0.36														
	0060	0323	0893	0717	435			741	1.14														
	0070	0427	0971	0777	208			726	1.68														
04	0080	0494	1027	0819	113			692	2.12														
	0090	0515	1070	0852	086			687	2.22														
	0100	0553	1101	0874	076			698	2.28	0													
	0125	0594	1164	0921	102			704	2.48	0													
	0140	0574	1207	0956	039			705	3.86	0													
												BT Slide Sk 205/11601/69											
												Observer Engström											

11 "Skagerak"

77 Sweden

1969

Station

BY 15 (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																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0153	57	20	020	02	0	969	04	19	08	0244	02	037	09	02	018	014	0	02	0																										
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	Alkal. Mval/l	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													
09	0000	0086	0730	0587	010			803	0.09	0.63	1.516	1	3																																
	0005	0088	0731	0588	015			807	0.10	0.47	1.486																																		
	0010	0088	0730	0587	010			805	0.08	0.57	1.522																																		
	0015	0089	0731	0588	015			807	0.11	0.59	1.527																																		
	0020	0085	0731	0588	006			807	0.11	0.58	1.546																																		
	0030	0082	0731	0588	010			809	0.17	0.52	1.513																																		
	0040	0132	0751	0605	957			800	0.19	0.34	1.527																																		
	0050	0107	0752	0605	966			808	0.24	0.62	1.543																																		
	0060	0136	0782	0629	841			779	0.51	0.68	1.568																																		
	0070	0400	0953	0763	167			709	1.87	1.92	1.649																																		
	0080	0450	1017	0812	079			702	2.03	1.91	1.644																																		
	0090	0478	1058	0844	044			702	2.17	2.31	1.663																																		
08	0100	0538	1081	0859	077			695	1.81	2.27	1.682																																		
	0125	0562	1167	0925	080			696	2.60	2.75	1.685																																		
	0150	0560	1224	0970	0			699	4.17	4.95	1.723																																		
	0175	0571	1247	0987				702	5.02	5.45	1.804																																		
	0200	0571	1254	0993				700	5.27	6.03	1.826																																		
	0225	0586	1262	0999				685	6.10	6.80	1.823																																		
	0240	0575	1264	1001				706	6.36	6.83	1.826																																		

BT Slide Sk 206/11601/69
 Observer Engström
 Secchi disk: 8.5 m

11 "Skagerak"

77 Sweden

1969

Station

BY 15 (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				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61 62	63 64			
0153	57	20	020	02	0	969	04	19	08	0244	02	037	09	02	018	014	00	2	0		
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	NO ₃ -N	SiO ₂	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	65 66 67 68			69 70 71 72	73 74 75 76	77 78					
09	0000								0.05	5.75											
	0005								0.00	9.50											
	0010								0.00	8.85											
	0015								0.05	8.75											
	0020								0.20	10.60											
	0030								0.05	7.10											
	0040								0.65	10.90											
	0050								0.90	12.90											
	0060								3.25	15.20											
	0070								3.20	47.60											
	0080								4.85	49.40											
	0090								5.95	56.60											
08	0100								7.10	58.00											
	0125								2.45	60.20											
	0150								0.05	73.60	15.2										
	0175								0.10	76.60	19.7										
	0200								0.05	83.20	35.5										
	0225								0.00	86.80	37.5										
	0240								0.10	95.60	50.0										

11 "Skagerak"

77 Sweden

1969

Station

BY 15 (F 81)

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N S E W	Date			Start time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	c	'	o	o	'	W		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64		
0154	57	20	020	02	0	969	04	19	12	0243	02	037	07	08	036	022	2	8	2	0		
Obs. time	Obs. depth		Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P H ₂ S		Sol. method	Extra info.										
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42 43 44 45	56 57 58 59 60	61 62 63 64	ml/l		%	μ gat/l			μ gat/l									
12	0000	0085	0728	0585	012				0.13		1	3										
	0010	0086	0728	0585	005				0.13													
	0030	0082	0728	0585	989				0.11													
	0050	0114	0751	0604	958				0.25													
	0070	0403	0952	0762	162				1.92													
	0100	0530	1082	0860	079				2.24													
	0125	0593	1165	0922	094				2.44													
	0150	0561	1224	0970	0				4.84	14.9												
	0175	0568	1245	0986					5.80	29.5												
	0200	0572	1256	0995					6.62	72.5												
	0225	0574	1260	0998					7.14	41.7												
	0240	0575	1266	1003					7.89	56.0												
BT Slide Sk 210/11601/69																						
Observer Engström																						

11 "Skagerak"

77 Sweden

1969

Station

BY 15 (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			
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	61	62			63	64		
0156	57	20	020	02	0	1969	04	19	18	0243	02	045	05	22	031	028	28	30						
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P $\mu\text{g}/\text{l}$	H ₂ S $\mu\text{g}/\text{l}$	Sol. method	Extra info.												
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45						58	59 60	61 62 63 64	77	78							
18	0000	0092		0728	0585	015			0.11		1	3												
	0010	0092		0728	0585	014			0.12															
	0030	0093		0728	0585	046			0.12															
	0050	0102		0751	0604	961			0.23															
	0070	0400		0954	0764	176			1.92															
	0100	0531		1089	0866	054			2.27															
	0125	0577		1162	0921	016			2.64	0														
	0150	0557		1222	0969				5.00	16.73														
	0175	0572		1244	0985				5.78	25.60														
	0200	0567		1252	0992				6.10	35.15														
	0225	0573		1260	0998				6.70	40.40														
	0240	0574		1263	1000				7.53	51.50														

BT Slide Sk 216/11601/69
Observer Bladh

11 "Skagerak"

77 Sweden

1969

Station

BY 15 (F 81)

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	60	61				
0159 ^x	57	20	020	02	0	969	04	20	03	0243	02	040	05	22	025	020			14	4	0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P H ₂ S		Sef. 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			μgat/l	77	78								
03	0000	0096	0732	0588	995			0.10			1	3										
	0010	0097	0732	0588	999			0.17														
	0030	0100	0732	0588	001			0.11														
	0100	0473	1058	0844	100			1.92														
	0125	0515	1103	0877	028			2.39	0													
	0150	0546	1188	0943				3.92	4.35													
	0175	0562	1236	0980				4.99	25.85													
	0200	0570	1250	0990				5.55	31.90													
	0225	0570	1256	0994				5.90	43.45													
	0240	0571	1264	1001				6.01	49.80													
												BT Slide Sk 225/11601/69										
												Observer Bladh										

11 "Skagerak"

77 Sweden

1969

Station

BY 15 (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																													
																					5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
0160 ^X	57	20	020	020	969	04	20	06	0243	02	038	07	22	030	026	12	4	0																											
Obs. time	Obs. depth	Temp.	Sal.	σ _t	Oxygen		pH	PO ₄ -P μgat/l	H ₂ -S μgat/l	Sol. method	Extra info.																																		
					ml/l	%																																							
06	0000	0098	0732	0589	X	008				1	3																																		
	0010	0097	0733	0589	X	005		0.29																																					
	0030	0100	0733	0589	X	009		0.28																																					
	0050	0052	0758	0609		914		0.44																																					
	0070	0410	0972	0778		130		2.19																																					
	0100	0536	1086	0853		061		2.26																																					
	0125	0589	1161	0919		068		2.36	0																																				
	0150	0561	1220	0967				4.66	7.96																																				
	0175	0576	1240	0982				5.36	19.25																																				
	0200	0568	1249	0989				5.94	37.95																																				
	0225	0572	1258	0996				6.11	47.75																																				
	0240	0571	1259	0997				6.35	51.50																																				

BT Slide Sk 228/11601/69

Observer Bladh

11 "Skagerak"

77 Sweden

1969

Station

BY 15 (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	58	59				
0167	57	20	020	02	0	969	04	20	09	0243	02	032	07	18	030	023	28	3	0			
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P		H ₂ -S		Sal. method	Extra info.								
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45		58	59 60	61 62 63	64			77	78						
09	0000	0101	0732	0589	X015					0.18			1	3								
	0010	0098	0732	0589	X010					0.14												
	0030	0099	0733	0589	X009					0.09												
	0050	0050	0756	0607	927					0.30												
	0070	0413	0976	0781	125					1.92												
	0100	0521	1093	0870	053					2.14												
	0125	0575	1148	0910	048					2.21	0											
	0150	0552	1217	0965						4.58	19.40											
	0175	0565	1241	0984						5.87	33.75											
	0200	0571	1249	0989						6.13	35.25											
	0225	0574	1256	0994						6.82	44.25											
	0240	0572	1259	0997						7.05	49.50											
														BT Slide Sk 231/11601/69								
														Observer Engström								

11 "Skagerak"

77 Sweden

1969

Station

BY 15 (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				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64
0162 ^X	57	20	020	02	0	969	04	20	12	0243	02	033	05	06	034	029	2	7	3	0
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P H ₂ S		Sol. method	Extra info.								
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45		58	59 60			61 62 63 64	77	78					
12	0000	0102	0732	0589	015					0.10		1	3							
	0010	0101	0732	0589	004					0.10										
	0030	0103	0734	0590	004					0.11										
	0050	0052	0758	0609	923					0.32										
	0070	0447	0986	0788	155					1.69										
	0100	0529	1089	0866	050					2.15										
	0125	0576	1156	0916	056					2.30	0									
	0150	0551	1222	0969						4.43	18.12									
	0175	0581	1242	0983						5.15	14.08									
	0200	0567	1251	0991						5.50	27.75									
	0225	0572	1257	0995						5.85	41.60									
	0240	0573	1262	0999						6.01	49.80									
BT Slide Sk 234/11601/69																				
Observer Bladh																				

11 "Skagerak"

77 Sweden

1969

Station

BY 15 (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	56	57	58	59	60	61	62	63	64
0163	57	20	020	02	0	969	04	20	15	0243	02	034	05	08	056	046	2	82	0																																				
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P	H ₂ S	Sol. method	Extra info.																																											
26	27	28	29	30	31	32	33						34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78																						
15	0000	0104	0732	0589	X	017			0.11		1	3																																											
	0010	0103	0732	0589	X	020			0.06																																														
	0030	0107	0733	0590	X	017			0.07																																														
	0050	0064	0753	0605		948			0.31																																														
	0070	0444	0989	0790		151			1.80																																														
	0100	0510	1084	0862		041			2.26																																														
	0125	0584	1159	0917		063			2.56	0																																													
	0150	0564	1230	0975						22.95																																													
	0175	0581	1241	0982					4.15	11.00																																													
	0200	0568	1248	0989					5.53	37.75																																													
	0225	0571	1256	0995					5.87	44.20																																													
	0240	0572	1260	0998					6.10	51.90																																													
												BT Slide Sk 237/11601/69																																											
												Observer Bladh																																											

11 "Skagerak"

77 Sweden

1969

Station

BY 15 (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	Strata of sea	Ice																															
	5	6	7	8	9	10		11	12	13					14	15	16	17	18	19					20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0164	57	20	020	02	0	969	04	20	18	0243	02	036	05	02	036	032	6	8	20																																				
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	H ₂ S	Sol. method	Extra info.																																												
26	27	28	29	30	31	32		33	34			35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78																								
18	0000	0099	0731	0588	017			0.14		1	3																																												
	0010	0100	0731	0588	021			0.13																																															
	0030	0101	0738	0594	004			0.13																																															
	0050	0056	0755	0606	941			0.30																																															
	0070	0432	0978	0781	163			1.68																																															
	0100	0522	1086	0864	053			2.27																																															
	0125	0525	1154	0917	052			2.42	0																																														
	0150	0504	1223	0973				4.80	19.45																																														
	0175	0574	1241	0983				5.51	20.95																																														
	0200	0572	1253	0993				6.35	34.40																																														
	0225	0574	1257	0995				6.44	35.50																																														
	0240	0573	1262	0999				7.22	49.80																																														
											BT Slide Sk 240/11601/69																																												
											Observer Engström																																												

11 "Skagerak"

77 Sweden

1969

Station

BY 15 (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	
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	61	62					63
0165 ^X	57	20	020	02	0	969	04	20	21	0243	02	030	05	02	025						2	82	0
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P		H ₂ S		Sal. method	Extra info.									
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45		58	59 60	61 62 63	64			77	78							
21	0000	0087	0730	0586	997					0.15			1	3									
	0010	0093	0732	0588	015 ^X					0.21													
	0030	0092	0736	0592	994					0.14													
	0050	0060	0758	0609	920					0.29													
	0070	0442	0985	0787	154					1.69													
	0100	0530	1094	0869	053					2.21													
	0125	0574	1163	0921	043					2.66	0												
	0150	0555	1223	0970						4.88	18.85												
	0175	0571	1240	0982						5.57	22.60												
	0200	0568	1252	0992						5.97	37.00												
	0225	0570	1256	0995						6.08	41.40												
	0240	0570	1262	0999						6.94	53.80												
BT Slide Sk 243/11601/69																							
Observer Bladh																							

11 "Skagerak"

77 Sweden

1969

Station

BY 15 (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	58	59					60	61
0166 ^X	57	20	020	02	0	19	04	21	00	0243	02	037	05	02	028	024	4	8	2	0				
Obs. time	Obs. depth	Temp.		Sal.	σ_t		Oxygen		pH	PO ₄ -P H ₂ S		Sal. method	Extra info.											
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58		59 60	61 62 63			64	77	78								
00	0000	0090	0731	0588	997					0.18		1	3											
	0010	0091	0731	0588	998					0.10														
	0030	0105	0736	0592	999					0.07														
	0050	0073	0755	0607	941					0.29														
	0070	0453	0988	0788	164					1.74														
	0100	0549	1093	0868	064					2.21														
	0125	0574	1163	0921	030					2.54	0													
	0150	0563	1230	0975						5.15	22.00													
	0175	0591	1243	0983						5.00	2.60													
	0200	0570	1251	0991						5.90	37.70													
	0225	0572	1258	0996						6.18	46.70													
	0240	0574	1262	0999						7.10	56.00													
BT Slide Sk 246/11601/69																								
Observer Bladh																								

11 "Skagerak"

77 Sweden

1969

Station

BY 15 (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	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
0168 ^X	57	20	020	02	0	969	04	21	06	0243	02	020	34	02	028	022	4	8	2	0																									
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P μgat/l	H ₂ S μgat/l	Sal. method	Extra info.																																		
26	27	28	29	30	31	32						33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64		
06	0000	0089	0727	0584	X	012		0.09			1	3																																	
	0010	0090	0729	0586	X	007		0.07																																					
	0030	0107	0736	0592	X	003		0.07																																					
	0050	0072	0756	0607	9	46		0.27																																					
	0070	0441	0981	0784	1	65		1.66																																					
	0100	0499	1087	0866	0	26		2.42																																					
	0125	0591	1167	0923	0	34		2.46	0																																				
	0150	0555	1229	0974				4.82	24.00																																				
	0175	0577	1244	0985				5.38	14.30																																				
	0200	0568	1252	0991				5.74	36.60																																				
	0225	0571	1258	0996				6.24	44.90																																				
	0240	0573	1266	1003				6.75	56.40																																				

BT Slide Sk 252/11601/69
 Observer Engström

11 "Skagerak"

Station

77 Sweden

1969

BY 15 (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
0169	57	20	020	02	0	969	04	21	09	0243	02	050	36	08	032	026	4	9	20																										
Obs. time	Obs. depth	Temp.	Sal.	σ _t	Oxygen		pH	PO ₄ -P	H ₂ S	Sal. method	Extra info.																																		
26	27	28	29	30	31	32		33	34			35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	μgat/l	μgat/l	77	78												
09	0000	0104	0729	0586	X	020		0.08															1	3																					
	0010	0093	0728	0585	X	022		0.06																																					
	0030	0084	0732	0588	X	000		0.09																																					
	0050	0061	0759	0610		962		0.30																																					
	0070	0423	0972	0777		166		1.72																																					
	0100	0539	1093	0868		056		2.12																																					
	0125	0585	1167	0924		057		2.54	0																																				
	0150	0584	1238	0980				4.82	1.90																																				
	0175	0591	1244	0984				4.95	1.90																																				
	0200	0571	1251	0991				5.55	36.00																																				
	0225	0575	1259	0996				6.23	55.00																																				
	0240	0574	1266	1003				6.66	58.30																																				

BT Slide Sk 255/11601/69
Observer Bladh

11 "Skagerak"

77 Sweden

1969

Station

BY 15 (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	°	'					°
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56	57	58 59	60	61	62	63	64	
0170 ^X	57	20	020	02	0	969	04	21	12	0243	02	030	32	04	040	032	1	32	0				
Obs. time	Obs. depth	Temp.	Sal.	σ _t	Oxygen		pH	PO ₄ -P H ₂ -S		Sal. method	Extra info.												
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58			59 60	61 62 63	64	77	78							
12	0000	0111	0727	0585	020				0.07													1	3
	0010	0097	0728	0585	016				0.06														
	0030	0098	0734	0590	015				0.10														
	0050	0081	0764	0612	918				0.33														
	0070	0412	0973	0779	123				1.63														
	0100	0562	1097	0870	076				2.20														
	0125	0599	1171	0926	078				2.31	0													
	0150	0577	1233	0976					4.93	4.40													
	0175	0588	1243	0983					5.33	5.80													
	0200	0569	1252	0992					6.10	36.50													
	0225	0576	1259	0997					7.22	45.00													
	0240	0576	1264	1001					7.74	55.50													
												BT Slide Sk 258/11601/69											
												Observer Engström											

11 "Skagerak"

Station

77 Sweden

1969

BY 15 (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
	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	
0177	57	20	020	02	0	969	04	21	15	0243	02	000	36	06	036	024	1	12	0	
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P $\mu\text{gat}/1$	H ₂ S $\mu\text{gat}/1$	Sal. method	Extra info.								
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45						ml/l	%	61 62 63 64	77	78			
15	0000	01	15	0729	0586	x	018						0.07						1	3
	0010	00	92	0730	0587	x	012						0.23							
	0030	01	09	0737	0593	x	005						0.06							
	0050	00	59	0762	0606		901						0.40							
	0070	04	33	0984	0787		131						1.68							
	0100	05	34	1090	0867		052						2.21							
	0125	05	62	1160	0920		033						2.56	0						
	0150	05	57	1230	0975								4.80	23.80						
	0175	05	59	1243	0985								5.43	28.00						
	0200	05	68	1252	0992								5.57	37.60						
	0225	05	74	1263	1000								6.08	48.30						
	0240	05	74	1266	1002								6.20	56.80						
												BT Slide Sk 261/11601/69								
												Observer Engström								

11 "Skagerak"

77 Sweden

1969

Station

BY 15 (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	55	56				
0172	57	20	020	02	0		18	19	04	21	19	0243	02	035	36	02	044	031				12	2	0
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P H ₂ S		Sal. method	Extra info.												
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45		58	59 60			61 62 63	64	77	78								
19	0000	0104	0730	0587	026					0.12		1	3											
	0010	0092	0731	0588	024					0.06														
	0030	0110	0740	0595	995					0.16														
	0050	0027	0755	0605	940					0.32														
	0070	0440	0989	0790	149					1.82														
	0100	0598	1087	0861	033					2.50														
	0125	0575	1164	0922	057					2.60	0													
	0150	0572	1233	0977						5.34	21.30													
	0175	0572	1244	0985						5.90	28.20													
	0200	0569	1252	0992						6.42	37.60													
	0225	0572	1260	0998						7.06	45.90													
	0240	0574	1264	1001						7.80	57.00													

BT Slide Sk 264/11601/69
Observer Bladh

11 "Skagerak"

77 Sweden

1969

Station

BY 15 (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	
0173	57	20	020	02	0	969	04	21	21	0243	02	053	36	06	046			0321	2	2	0	
Obs. time	Obs. depth	Temp.	Sol.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	H ₂ S µgat/l	Sol. method	Extra info.											
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42						43 44 45	58	59 60	61 62 63	64						
21	0000	0114	0731	0588		023		0.13			1	3										
	0010	0088	0731	0588		010		0.10														
	0030	0118	0739	0595		011		0.14														
	0050	0107	0747	0601		986		0.18														
	0070	0440	0978	0781		184		1.75														
	0100	0505	1086	0864		033		2.32														
	0125	0556	1171	0929		028		2.69	0													
	0150	0596	1238	0979				4.86	6.40													
	0175	0576	1244	0985				5.61	18.80													
	0200	0569	1252	0992				5.70	37.80													
	0225	0577	1251	0998				6.07	42.00													
	0240	0578	1266	1002				6.99	56.30													

BT Slide Sk 267/11601/69

Observer Engström

11 "Skagerak"

77 Sweden

1969

Station

BY 15 (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	°	°					°	°																											
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64							
0174	57	20	020	02	0			969	04	22	00		0243	02		053	36	06	030	020	0	02	0																													
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P	H ₂ S	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																							
00	0000	0106	0732	0589	011				0.15		1	3																																								
	0010	0095	0732	0589	014				0.15																																											
	0030	0117	0740	0595	990				0.16																																											
	0050	0104	0749	0603	966				0.22																																											
	0070	0406	0967	0774	140				2.17																																											
	0100	0448	1091	0871	064				2.27																																											
	0125	0560	1168	0926	022				2.90	0																																										
	0150	0546	1226	0972					5.14	26.10																																										
	0175	0592	1242	0982					5.04	2.70																																										
	0200	0569	1249	0989					6.09	37.00																																										
	0225	0575	1259	0997					6.73	44.50																																										
	0240	0576	1264	1001					7.52	58.80																																										
												BT Slide Sk 270/11601/69																																								
												Observer Engström																																								

11 "Skagerak"

77 Sweden

1969

Station

BY 15 (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					55 56	57 58 59
0175 ^x	57	20	020	02	0	969	04	22	03	0243	02	054	09	08	030	026	1	33	0					
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -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	77	78								
03	0000	0102	0730	0587										0.18									1	3
	0010	0101	0731	0588										0.13										
	0030	0118	0741	0596										0.17										
	0050	0100	0750	0603										0.30										
	0070	0419	0984	0787										2.21										
	0100	0507	1087	0866										2.33										
	0125	0563	1164	0922										2.77	0									
	0150	0576	1233	0977										4.85	12.30									
	0175	0577	1245	0986										5.18	18.30									
	0200	0569	1254	0993										6.25	37.60									
	0225	0574	1262	0999										6.95	45.90									
	0240	0574	1264	1001										7.40	54.70									
												BT Slide Sk 273/11601/69												
												Observer Bladh												

11 "Skagerak"

Station

77 Sweden

1969

BY 15 (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	55	56
0176	57	20	020	02	0	969	04	22	06	0243	02	057	09	12	030	023	2	73	0							
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	H ₂ S µgat/l	Sal. method	Extra info.															
					ml/l	%																				
06	0000	0106	0730	0587	X	022			0.16			1	3													
	0010	0106	0731	0588	X	018			0.14																	
	0030	0117	0742	0597	X	005			0.15																	
	0050	0102	0751	0604		964			0.18																	
	0070	0417	0980	0784		106			2.06																	
	0100	0564	1098	0871		069			2.21																	
	0125	0585	1167	0924		090			2.44	0																
	0150	0569	1230	0974					4.88	19.80																
	0175	0575	1244	0985					5.30	21.80																
	0200	0571	1254	0993					5.70	37.80																
	0225	0576	1261	0999					6.64	47.40																
	0240	0574	1263	1001					7.05	55.00																
									BT Slide Sk 276/11601/69																	
									Observer Bladh																	

11 "Skagerak"

77 Sweden

1969

Station

BY 15 (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				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64
0177 ^x	57	20	020	02	0	969	04	22	09	0243	02	058	14	10	039	021	13	3	0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t			Oxygen		pH	PO ₄ -P µgat/l	H ₂ S µgat/l	Sal. method	Extra info.							
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42	43 44 45	58	59 60	61 62 63 64						ml/l	%	77	78			
09	0000	0112	0730	0587			014			0.12			1	3						
	0010	0110	0732	0589			010			0.17										
	0030	0113	0743	0598			985			0.11										
	0050	0104	0751	0605			959			0.19										
	0070	0402	0948	0760			169			1.69										
	0100	0524	1089	0866			041			2.33										
	0125	0578	1156	0916			063			2.33	0									
	0150	0555	1226	0972						4.40	21.80									
	0175	0587	1243	0983						5.20	4.00									
	0200	0570	1251	0991						5.30	34.00									
	0225	0571	1258	0996						5.79	41.00									
											BT Slide Sk 279/11601/69									
											Observer Engström									

11 "Skagerak"

Station

77 Sweden

1969

BY 15 (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						
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64		
0178 ^x	57	20	020	02	0	969	04	22	12	0243	02	055	11	12	056	034	2	73	0			
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	H ₂ S µgat/l	Sol. method	Extra info.										
26 27	28 29 30 31	32 33	34 35	36 37 38 39 40	41 42	43 44 45	58 59 60						61 62 63 64	77	78							
12	0000	0116	0732	0589	X 023				0.21		1	3										
	0010	0113	0732	0589	X 028				0.14													
	0030	0113	0742	0597	X 000				0.21													
	0050	0109	0752	0605	967				0.29													
	0070	0413	0974	0780	119				2.03													
	0100	0553	1094	0868	071				2.21													
	0125	0598	1173	0928	081				2.60	0												
	0150	0571	1233	0977					4.62	8.70												
	0175	0579	1243	0984					5.68	16.20												
	0200	0570	1253	0992					6.27	33.30												
	0225	0575	1253	1001					6.94	42.80												
	0240	0574	1255	1002					7.18	46.00												
BT Slide Sk 282/11601/69																						
Observer Bladh																						

11 "Skagerak"

77 Sweden

1969

Station

BY 15 (P 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
	o	'	o	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
0179 ^X	57	20	020	02	0		969	04	22	15	0243	02	055	09	12	045	029	2	8	30	
Obs. time	Obs. depth		Temp.		Sol.	σ_t	Oxygen		pH	PO ₄ -P μgat/l	H ₂ S μgat/l	Sal. method	Extra info.								
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58						59 60	61 62 63 64	77	78				
15	0000	01	18	07	34	05	90	X	017		0.17		1	3							
	0010	01	18	07	35	05	91	X	016		0.10										
	0030	01	12	07	43	05	97		997		0.14										
	0050	01	06	07	51	06	04		969		0.21										
	0070	04	11	09	72	07	78		132		1.86										
	0100	05	58	10	97	08	71		067		2.04										
	0125	05	55	11	63	09	22		045		2.56	0									
	0150	05	58	12	31	09	76				4.53	16.30									
	0175	05	59	12	43	09	84				4.90	16.60									
	0200	05	59	12	53	09	92				5.12	37.70									
	0225	05	56	12	64	10	01				5.97	51.50									
	0240	05	54	12	65	10	02				6.10	55.00									

BT Slide Sk 285/11601/69

Observer Bladh

11 "Skagerak"

77 Sweden

1969

Station

BY 15 (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					
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64	
018 ^X	57	20	020	02	0	969	04	22	21	0243	02	053	09	16	046	030	12			0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P H ₂ S		Soil. method	Extra info.										
26 27	28 29 30 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	0103	0733	0589								0.15								1	3
	0010	0110	0733	0589								0.15									
	0030	0111	0743	0597								0.16									
	0050	0119	0754	0607								0.26									
	0070	0411	0968	0774								2.03									
	0100	0548	1097	0871								2.27									
	0125	0594	1172	0927								2.39	0								
	0150	0573	1233	0977								5.00	13.90								
	0175	0578	1245	0986								5.70	18.30								
	0200	0572	1253	0993								6.25	35.40								
	0225	0575	1260	0998								7.07	42.80								
	0240	0578	1266	1002								7.90	50.40								
												BT Slide Sk 291/11601/69									
												Observer Bladh									

11 "Skagerak"

77 Sweden

1969

Station

BY 15 (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				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62 63	64			
0182	57	20	020	02	0	969	04	23	00	0243	02	056	09	14	030	019	12	3	0			
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	H ₂ S µgat/l	Sal. method	Extra info.											
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42						43 44 45	58 59 60	61 62 63 64	77	78						
00	0000	0105	0733	0589		017		0.16		1	3											
	0010	0109	0733	0589		015		0.21														
	0030	0116	0744	0599		988		0.17														
	0050	0114	0754	0607		966		0.24														
	0070	0415	0975	0781		124		2.15														
	0100	0535	1094	0869		052		2.32														
	0125	0602	1176	0930		105		2.56	0													
	0150	0556	1229	0974				5.20	27.20													
	0175	0575	1244	0985				5.80	24.40													
	0200	0572	1254	0993				6.35	38.00													
	0225	0577	1263	1000				7.05	45.50													
	0240	0578	1265	1002				7.75	53.50													
BT Slide Sk 294/11601/69																						
Observer Bladh																						

11 "Skagerak"

77 Sweden

1969

Station

BY 15 (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				
0183	57	20	020	02	0	969	04	23	03	0243	02	055	09	17	025	012	1	23	0			
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P	H ₂ S	Sol. method	Extra info.										
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45		56	57 58 59 60			61 62 63 64	77	78							
03	0000	0109	0733	0589	X	021			0.16		1	3										
	0010	0116	0733	0589	X	018			0.17													
	0030	0130	0740	0595	X	008			0.16													
	0050	0116	0753	0606		965			0.28													
	0070	0416	0974	0780		130			2.07													
	0100	0547	1094	0869		062			2.33													
	0125	0594	1173	0928		098			2.80	0												
	0150	0556	1227	0973					5.40	29.00												
	0175	0572	1243	0985					5.70	25.10												
	0200	0574	1255	0991					6.40	39.50												
	0225	0577	1263	1000					7.20	48.50												
	0240	0577	1266	1002					7.70	55.00												
												BT Slide Sk 297/11601/69										
												Observer Engström										

11 "Skagerak"

77 Sweden

1969

Station

BY 15 (P 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
	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
0184	57	20	020	02	0	969	04	23	06	0243	02	053	09	16	030	022	0	0	3	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t			Oxygen		pH	PO ₄ -P	H ₂ S	Sol. method	Extra info.							
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	56 59 60						61 62 63 64	77	78				
06	0000	0122	0737	0593			007			0.12			1	3						
	0010	0123	0738	0594			009			0.17										
	0030	0129	0740	0596			003			0.14										
	0050	0114	0752	0605			962			0.25										
	0070	0411	0977	0782			122			2.14										
	0100	0554	1097	0870			055			2.27										
	0125	0592	1176	0931			072			2.70	0									
	0150	0555	1229	0974						4.95	25.90									
	0175	0571	1244	0985						5.68	31.30									
	0200	0570	1254	0993						6.00	41.90									
	0225	0578	1263	1000						6.60	47.00									
	0240	0577	1266	1002						7.18	54.70									

BT Slide Sk 300/11601/69
Observer Engström

11 "Skagerak"

77 Sweden

1969

Station

BY 15 (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. km.	Dry bulb	Wet bulb																													
	5	6	7	8		9	10	11					12	13	14	15	16	17					18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0185	57	20	020	02	0	969	04	23	09	0243	02	054	09	12	058	036		0	03	0																									

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	H ₂ S	Sel. 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
09	0000	0139	0737	0593	018			0.14																			1	3
	0010	0141	0741	0596	015			0.17																				
	0030	0131	0742	0597	994			0.11																				
	0050	0114	0751	0604	959			0.34																				
	0070	0409	0968	0775	129			2.09																				
	0100	0516	1097	0873	021			2.50																				
	0125	0590	1173	0928	069			2.70	0																			
	0150	0561	1230	0975				5.32	27.20																			
	0175	0580	1244	0985				5.90	26.60																			
	0200	0574	1252	0992				6.60	42.50																			
	0225	0581	1260	0997				7.10	47.30																			
	0240	0577	1266	1002				8.00	53.40																			

BT Slide Sk 303/11601/69
Observer Bladh

11 "Skagerak"

77 Sweden

1969

Station

BY 15 (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	°	'				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56	57	58 59	60	61	62	63	64
0186	57	20	020	02	0	969	04	23	12	0243	02	026	05	14	051	030			00		3	0
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P H ₂ S		Sal. method	Extra info.										
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45		58 59 60	61 62 63 64			77	78								
12	0000	0145	0737	0594	013					0.18		1	3									
	0010	0147	0737	0594	015					0.21												
	0030	0118	0741	0596	992					0.16												
	0050	0105	0756	0608	953					0.30												
	0070	0412	0973	0779	121					2.09												
	0100	0544	1093	0868	066					2.26												
	0125	0594	1174	0929	070					2.70	0											
	0150	0570	1230	0974						5.08	19.10											
	0175	0569	1241	0983						6.09	34.30											
	0200	0572	1252	0992						6.44	38.50											
	0225	0577	1262	0999						6.95	43.90											
	0240	0579	1266	1002						7.75	54.30											
BT Slide Sk 306/11601/69													Observer Engström									

11 "Skagerak"

77 Sweden

1969

Station

BY 15 (F 81)

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				
0187 ^X	57	20	020	02 0		969	04	23	15	0243	02	020	05	16	038	023	0	0	0	0	3	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	H ₂ S	Sal. method	Extra info.											
					ml/l	%		μgat/l	μgat/l													
15	0000	0148	0738	0595	X	010	0.16			1	3											
	0010	0151	0738	0595	X	008	0.16															
	0030	0114	0743	0598		984	0.11															
	0050	0105	0751	0604		959	0.23															
	0070	0409	0965	0772		137	2.09															
	0100	0511	1094	0871		045	2.44															
	0125	0595	1176	0931		083	2.65	0														
	0150	0569	1230	0974			4.85	22.20														
	0175	0583	1243	0984			5.30	21.90														
	0200	0570	1254	0993			5.80	38.90														
	0225	0576	1264	1001			6.60	51.80														
	0240	0578	1266	1002			6.38	54.60														

BT Slide Sk 309/11601/69
Observer Engström

11 "Skagerak"

Station

77 Sweden

1969

BY 15 (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						
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56	57	58 59	60	61	62	63	64		
0188	57	20	020	02	0	969	04	23	18	0243	02	027	09	14	030	020	1	23	0					

Obs. time	Obs. depth	Temp.	Sal.	σ _t	Oxygen		pH	PO ₄ -P μgat/l	H ₂ S μgat/l	Sal. method	Extra info.				
					ml/l	%									
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63	64	77	78		
18	0000	0142	0738	0594		X	019					0.18		1	3
	0010	0147	0738	0594		X	015					0.15			
	0030	0137	0740	0596		X	008					0.18			
	0050	0100	0752	0605			955					0.28			
	0070	0426	0973	0778			156					1.86			
	0100	0528	1093	0869			052					2.38			
	0125	0590	1179	0933			088					2.78	0		
	0150	0573	1232	0976								5.00	10.80		
	0175	0568	1244	0985								5.80	33.40		
	0200	0570	1254	0993								6.40	40.00		
	0225	0577	1264	1001								7.18	46.40		
	0240	0572	1266	1003								8.10	54.30		

BT Slide Sk 312/11601/69
Observer Bladh

11 "Skagerak"

77 Sweden

1969

Station

BY 15 (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
	c	r	c	r		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	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
019 ^X	57	20	020	02	0	969	04	24	03	0243	02	055	05	12	035	025	1	23	0			
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P H ₂ S		Sal. method	Extra info.											
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58			59 60	61 62 63	64	77	78						
03	0000	0133	0726	0584		010			0.11													13
	0010	0132	0727	0585		009			0.11													
	0030	0132	0742	0597		999			0.15													
	0050	0123	0751	0604		958			0.25													
	0070	0429	0974	0780		182			1.74													
	0100	0541	1097	0871		063			2.27													
	0125	0576	1171	0927		056			2.78	0												
	0150	0566	1230	0974					5.10	20.50												
	0175	0566	1244	0986					5.55	32.80												
	0200	0570	1253	0993					6.15	36.80												
	0225	0576	1262	0999					6.80	43.50												
	0240	0576	1265	1002					6.80	51.30												
												BT Slide Sk 321/11601/69										
												Observer Bladh										

11 "Skagerak"

77 Sweden

1969

Station

BY 15 (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	58	59				
0192 ^X	57	20	020	02	0	969	04	24	06	0243	02	055	05	16	032	024	1	13	0			
Obs. time	Obs. depth	Temp.	Sal.	σ_t		Oxygen		pH	PO ₄ -P	H ₂ S	µgat/l	µgat/l	Sal. method	Extra info.								
26 27	28 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	0131	0739	0595		994			0.18				1	3								
	0010	0134	0739	0595		994			0.20													
	0030	0114	0743	0598		977			0.16													
	0050	0121	0754	0607		958			0.23													
	0070	0417	0968	0774		176			1.80													
	0100	0553	1097	0871		070			2.21													
	0125	0562	1168	0926		024			3.03	0												
	0150	0569	1229	0973					4.80	11.50												
	0175	0565	1245	0987					5.50	34.50												
	0200	0572	1254	0993					6.01	38.50												
	0225	0575	1263	1000					6.38	45.70												
	0240	0577	1266	1002					7.10	53.30												
														BT Slide Sk 324/11601/69								
														Observer Bladh								

11 "Skagerak"

77 Sweden

1969

Station

BY 15 (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				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64
0193	57	20	020	02	0	969	04	24	09	0243	02	055	05	12	025	019	1	13	0	
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P H ₂ S		Sel. 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					
09	0000	0138	0736	0592	003					0.17		1	3							
	0010	0139	0736	0592	999					0.18										
	0030	0114	0743	0598	983					0.21										
	0050	0115	0755	0608	954					0.30										
	0070	0420	0978	0782	112					2.07										
	0100	0560	1097	0871	076					2.21										
	0125	0562	1171	0929	024					2.96	0									
	0150	0562	1227	0973						5.14	23.80									
	0175	0566	1245	0986						5.90	36.00									
	0200	0571	1253	0993						6.38	37.00									
	0225	0579	1262	0999						6.95	44.10									
	0240	0584	1265	1001						8.00	57.50									
												BT Slide Sk 327/11601/69								
												Observer Engström								

11 "Skagerak"

77 Sweden

1969

Station

BY 11

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0194	57	04	019	50	0	969	04	24	12	0215	02	049	05	14	030	022	27	3	0									
Obs. time	Obs. depth	Temp.		Sol.	σ_t	Oxygen		pH	PO ₄ -P	H ₂ S	Sal. method	Extra info.																
26	27	28	29	30	31	32	33		34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63
12	0000	0145	0737	0594	015			800	0.10			1	3															
	0005	0151	0738	0595	029			813	0.06																			
	0010	0145	0737	0594	018			817	0.11																			
	0015	0139	0737	0594	009			819	0.10																			
	0020	0141	0738	0595	997			817	0.17																			
	0030	0148	0738	0595	009			818	0.17																			
	0040	0168	0744	0599	987			812	0.21																			
	0050	0051	0755	0606	929			799	0.34																			
	0060	0337	0872	0701	373			735	1.40																			
	0070	0412	0973	0780	120			716	2.15																			
	0080	0478	1029	0822	095			713	2.09																			
	0090	0467	1059	0846	040			692	2.60																			
	0100	0509	1089	0867	037			694	2.40																			
	0125	0559	1158	0918	047			705	2.50																			
	0150	0591	1219	0964	051			708	3.80																			
	0175	0564	1240	0983				708	5.70	30.20																		
	0200	0565	1251	0991				710	6.35	36.00																		

BT Slide Sk 328/11601/69

Observer Bladh

11 "Skagerak"

77 Sweden

1969

Station

BY 39

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb					
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59	60	61	62	63	64
0195	56	07	016	32	0	969	04	25	00	0048	00	009	05	10	030	024	0	03	0		
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Sal. method	Extra info.										
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45					58 59 60	61 62 63 64	77	78						
00	0000	0229	0729	0588	948			803	0.29		1	4									
	0005	0230	0729	0588	965			802	0.23												
	0010	0246	0731	0589	956			796	0.23												
	0015	0259	0736	0593	934			803	0.21												
	0020	0259	0736	0593	945			805	0.23												
	0030	0250	0737	0594	939			806	0.27												
	0040	0177	0746	0601	915			798	0.30												
	0045	0171	0749	0604	909			793	0.64												
												BT Slide Sk 329/399/69									
												Observer Engström									

11 "Skagerak"

77 Sweden

1969

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				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64
0196	57	39	011	27	0	969	06	09	12	0090	01	000	32	02	130			14	1	0
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Sal. method	Extra info.									
26 27	28 29 30 31	32 33	34 35	36 37 38 39 40	41 42	43 44 45	58 59 60					61 62 63 64								
12	0000	1465	19301	1403	690	109	0		0.13		3	4								
	0005	1249	19445	1453	706	106	3		0.13											
	0010	0857	25553	1983	754	108	3		0.09											
	0015	0890	31713	2459	685	103	0		0.56											
	0020	0827	32859	2558	675	100	9		0.28											
	0030	0591	34016	2681	608	86	6		0.68											
	0040	0568	34211	2699	626	88	9		0.70											
	0050	0558	34310	2708	605	85	8		0.70											
	0060	0555	34481	2722	600	85	1		0.87											
	0070	0556	34531	2725	583	82	7		0.87											
	0080	0555	34601	2731	588	83	4		0.99											
												BT Slide Sk 330/11601/69								
												Observer Lagergren								
												N 57° 38.5'								
												E 11° 26.6'								

11 "Skagerak"

77 Sweden

1969

Station

Marstrandsfjorden

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb					
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64	
0197	57	54	011	32	0	969	06	09	14	0037	00	000	32	06	130			1	5	1	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						
14	0000	1372	19323	1424		686															
	0005	1269	19699	1468		710															
	0010	1009	25236	1937		733															
	0015	0773	31101	2428		652			0.05												
	0020	0719	32525	2548		635			0.21												
	0030	0584	33980	2679		622			0.34												
	0035	0566	34174	2697		614			0.57												
										BT Slide Sk 331/399/69											
										Observer Lagergren											

11 Skagerak"

77 Sweden

1969

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				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64
0198	57	53	011	25	0	969	06	09	15	0055	00	000	32	06	140			16	2	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t		Oxygen		pH	Tot.P µgat/l	NO ₃ -N µgat/l	SiO ₂ µgat/l	Sol. method	Extra info.							
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45							58	59 60	61 62 63	64			
15	0000	1548	19593	1408		675			0.90	0.15	2.30		3	3						
	0005	1182	24390	1844		738			0.59	0.15	0.50									
	0010	1061	29708	2275		736			0.63	0.20	0.50									
	0015	0921	32003	2475		727			1.08	0.65	0.30									
	0020	0741	32591	2550		685			0.58	0.35	0.60									
	0030	0665	33296	2615		642			0.70	0.75	1.55									
	0040	0587	34180	2694		621			0.98	1.90	4.65									
	0050	0558	34419	2717		606			1.02	2.25	5.50									
										BT Slide Sk 332/399/69										
										Observer Lagergren										

11 "Skagerak"

77 Sweden

1969

Station

P 2

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.				N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice							
	°	'	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58 59	60	61	62	63	64
0200	57	52	011	18	0		969	06	09	16	0095	01	000	32	06	160					1	5	2	0							

Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P μgat/l	Tot.P μgat/l	NO ₃ -N μgat/l	Sal. method	Extra info.	
					ml/l	%							
					26 27	28 29 30 31							32 33
16	0000	14:10	25027	1853	692			0.14	1.29	0.15		3	3
	0005	1123	29300	2233	719			0.36	0.79	0.20			
	0010	1090	31784	2432	720			0.22	0.69	0.25			
	0015	0938	32072	2478	712			0.20	0.53	0.45			
	0020	0910	32458	2514	673			0.21	0.46	0.80			
	0030	0747	33268	2603	667			0.14	0.69	1.20			
	0040	0608	34131	2687	649			0.43	0.74	1.65			
	0050	0560	34441	2718	600			1.14	1.23	3.05			
	0075	0557	34508	2722	599			0.58	1.35	3.10			
	0090	0541	34766	2747	607			0.66	1.00	3.65			

SiO₂
μgat/l

- 0000
- 0005
- 0010
- 0015
- 0020
- 0030
- 0040
- 0050
- 0075
- 0090

BT Slide Sk 334/11601/69
Observer Engström

11 "Skagerak"

Station

77 Sweden

1969

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	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
0201	57	51	011	15	0	969	06	09	17	0071	01			32	02	170							1	4	1	0															
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l		77	78																														
26	27	28	29	30	31	32		33	34			35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64												
17	0000	1392	24426	1951	686								0.00											3	4																
	0005	1086	31120	2382	714								0.06																												
	0010	1030	32085	2464	725								0.12																												
	0015	1036	32320	2481	714								0.05																												
	0020	1019	32643	2509	705								0.18																												
	0030	0820	33004	2570	693								0.22																												
	0040	0590	34090	2687	652								0.34																												
	0050	0562	34547	2726	601								0.66																												
	0065	0549	34729	2743	643								0.50																												
												BT Slide Sk 335/11601/69																													
												Observer Lagergren																													
												N 57° 51.4'																													
												E 11° 14.9'																													

11 "Skagerak"

Station

77 Sweden

1969

P 3

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64
0202	57	50	011	04	0	969	06	09	18	0048	00	000	32	02	170			13	1	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		
18	0000	1557		23195		1682		669			0.17	0.38	0.00	3	3					
	0005	1050		32178		2468		722			0.13	0.50	0.15							
	0010	1059		32516		2493		708			0.05	0.67	0.15							
	0015	1054		32528		2494		708			0.22	0.72	0.25							
	0020	0886		33024		2562		730			0.17	0.38	0.20							
	0030	0574		34550		2725		693			0.24	1.22	0.60							
	0040	0559		34635		2733		678			0.61	0.60 ^x	0.55							
	0045	0555		34641		2734		672			0.67	0.60 ^x	0.65							
											SiO ₂									
											μgat/l									
	0000										0.50									
	0005										0.40									
	0010										0.70									
	0015										0.50									
	0020										1.10									
	0030										1.55									
	0040										2.70									
	0045										2.70									
BT Slide Sk 336/399/69																				
Observer Lagergren																				

11 "Skagerak"

Station

77 Sweden

1969

P 4

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.					N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																				
	5	6	7	8	9	10	11		12	13	14					15	16	17	18	19	20					21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0203	57	48	010	52	0	969	06	09	19	0055	00	000	32	02	170			1	3	0	0																								
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P	Tot. P	NO ₃ -N	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	1382	22812	1686	703			0.14	0.34	0.00		3	3																																
	0005	0935	32156	2485	732			0.12	0.39	0.20																																			
	0010	0942	32634	2523	716			0.08	0.39	0.40																																			
	0015	0938	32902	2543	699			0.05	0.42	0.20																																			
	0020	0699	33876	2656	701			0.07	0.47	0.30																																			
	0030	0577	34525	2723	701			0.38	2.26	0.45																																			
	0040	0556	34588	2730	701			0.36	0.61	0.85																																			
	0050	0548	34620	2733	696			0.41	0.55	0.60																																			
	0000							SiO ₂																																					
	0005							0.12																																					
	0010							0.90																																					
	0015							0.11																																					
	0020							1.55																																					
	0030							0.90																																					
	0040							1.35																																					
	0050							1.65																																					
								1.55																																					
								BT Slide Sk 337/399/69																																					
								Observer Engström																																					

11 "Skagerak"

77 Sweden

Station

1969

Hydro Depth Observations (Code 03)

R 53

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice				
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56
0204	57	48	010	42	0	969	06	0920	0079	01	000	00	00	170							13	0	0			
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	NO ₃ -N µgat/l	Sci. method	Extra info.														
					ml/l	%																				
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42 43 44 45	58 59 60	61 62 63 64					77	78														
20	0000	1363	32821	2460	699		0.17	0.48	0.00		3	3														
	0005	1047	32973	2532	737		0.06	0.39	0.00																	
	0010	1003	33206	2559	760		0.07	0.39	0.00																	
	0015	0801	33504	2611	758		0.06	0.48	0.15																	
	0020	0756	33848	2645	735		0.08	0.37	0.00																	
	0030	0611	34295	2700	687		0.41	0.55	0.40																	
	0040	0586	34499	2719	642		0.40	0.52	0.40																	
	0050	0560	34579	2729	698		0.42	0.50	0.45																	
	0075	0529	34723	2744	679		0.54	0.60	1.00																	
							SiO ₂ µgat/l																			
	0000						0.80																			
	0005						0.80																			
	0010						0.60																			
	0015						1.75																			
	0020						0.90																			
	0030						1.75																			
	0040						1.65																			
	0050						1.85																			
	0075						2.25																			
							BT Slide Sk 338/11601/69																			
							Observer Lagergren																			

11 "Skagerak"

Station

77 Sweden

1969

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
0208	58	15	010	34	0	969	06	10	07	0275	03	000	27	02	170							15	2	0
Obs. time	Obs. depth	Temp.		Sol.	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								
07	0000	1273	31239	2356	690					0.12		3	4											
	0005	1026	31820	2445	746					0.10														
	0010	0802	32935	2567	766					0.12														
	0015	0606	34288	2700	731					0.13														
	0020	0601	34606	2726	718					0.36														
	0030	0573	34814	2745	686					0.60														
	0040	0519	34831	2754	685					0.63														
	0050	0563	34930	2756	669					0.77														
	0075	0551	35037	2766	655					0.84														
	0100	0550	35053	2767	657					0.85														
	0125	0555	35072	2768	657					0.87														
	0150	0553	35081	2769	660					0.90														
	0200	0556	35104	2770	652					0.89														
	0260	0552	35133	2774	654					0.89														
												BT Slide Sk 342/11601/69												
												Observer Engström												
												N 58° 14.5'												
												E 10° 34'												

11 "Skagerak"

77 Sweden

1969

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							
5	6	7	8	9	10		11	12	13					14	15	Year	Mo.					Day	Dir.	Sp. kn.	Dry bulb	Wet bulb	61	62
02	09	58	16	010	44	0	969	06	10	09	0180	02	000	27	02	170			16	2	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
08	0000	1228	31442	2380	704					0.11		3	4															
	0005	1056	32087	2460	724					0.10																		
	0010	0898	32627	2529	772					0.19																		
	0015	0594	34536	2722	712					0.41																		
	0020	0566	34597	2730	703					0.47																		
	0030	0535	34740	2745	686					0.55																		
	0040	0528	34804	2750	682					0.73																		
	0050	0531	34857	2755	679					0.67																		
	0075	0572	34974	2759	643					0.67																		
	0100	0578	35027	2762	623					0.90																		
	0125	0566	35043	2764	633					0.95																		
	0150	0564	35073	2766	580					0.95																		
	0170	0566	35082	2767	631					0.98																		
												BT Slide Sk 343/11601/69																
												Observer Engström																
												N 58° 16'																
												E 10° 43.5'																

11 "Skagerak"

77 Sweden

1969

Station

Å 15

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0210	58	18	10	51	0	969	06	10	09	0165	01	000	27	02	170								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
09	0000	13	40	29	73	22	44	6	95			0.19													3	4		
	0005	10	66	32	84	24	58	7	29			0.12																
	0010	08	30	33	54	26	12	7	75			0.14																
	0015	06	08	34	04	26	81	6	69			0.41																
	0020	05	68	34	31	27	07	6	99			0.36																
	0030	05	71	34	41	27	14	6	88			0.41																
	0040	05	87	34	73	27	38	7	24			0.34																
	0050	05	28	34	78	27	49	6	81			0.65																
	0075	05	74	34	97	27	59	6	58			0.85																
	0100	05	78	35	03	27	62	6	38			0.91																
	0125	05	75	35	06	27	64	6	27			1.02																
	0150	05	72	35	06	27	65	6	16			1.01																
														BT Slide Sk 344/11601/69														
														Observer Engström														
														N 58° 17.7'														
														E 10° 51'														

11 "Skagerak"

77 Sweden

1969

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	60	61				
0213	58	20	011	06	0	969	06	10	11	0048	00	000	23	04	180					1	32	0
Obs. time	Obs. depth	Temp.	Sol.	σ_t	Oxygen		pH	PO ₄ -P µgat/l		Sci. method	Extra info.											
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42	43 44 45	ml/l		%	58 59 60			61 62 63 64	77	78								
11	0000	1506	25041	1974	696			0.14													3	4
	0005	1230	26322	1985	720			0.14														
	0010	0961	30890	2377	750			0.18														
	0015	0843	32336	2514	715			0.17														
	0020	0693	32747	2568	670			0.26														
	0030	0745	33253	2600	668			0.24														
	0040	0629	33542	2638	702			0.43														
	0045	0600	34034	2680	688			0.42														
												BT Slide Sk 347/399/69										
												Observer Engström										
												N 58° 20.2'										
												E 11° 06.1'										

11 "Skagerak"

77 Sweden

1969

Station

Å 11

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.				N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	°	'	°	'	''	Year		Mo.	Day	Dir.					Sp. kn.	Dry bulb	Wet bulb	51	52	53					54	55
0214	58	20	011	10	0		969	06	10	12	0055	00	000	23	04	190							00	2	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	77	78										
12	0000	1553	19961	1435	690					0.10		3	4													
	0005	1233	23447	1763	728					0.22																
	0010	1144	28417	2162	728					0.20																
	0015	0940	32397	2503	710					0.05																
	0020	0847	32721	2544	675					0.20																
	0030	0648	33013	2594	609					0.31																
	0040	0616	33985	2676	671					0.46																
	0050	0593	34186	2694	661					0.46																
BT Slide Sk 348/399/69																										
Observer Engström																										
N 58° 20.2'																										
E 11° 09.5'																										

11 "Skagerak"

77 Sweden

1969

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					
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64	
0215	58	16	011	22	0	969	06	11	07	0050	00	000	00	00	175			1	61	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						
07	0000	1483	20694	1496		713			809	0.12										3	4
	0005	1321	21922	1630		725			811	0.09											
	0010	1061	27788	2127		748			816	0.09											
	0015	0897	32341	2506		667			809	0.15											
	0020	0719	32915	2579		660			813	0.24											
	0030	0610	33574	2643		640			804	0.36											
	0040	0587	33826	2667		613			801	0.57											
	0045	0523	33873	2671		604			800	0.67											
												BT Slide Sk 349/399/69									
												Observer Engström									
												N 58° 15.85'									
												E 11° 22.35'									

11 "Skagerak"

77 Sweden

1969

Station

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	
0216	58	13	011	21	0	969	06	11	08	0027	00	000	14	02	180			15	1	0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t		Oxygen		pH	PO ₄ -P µgat/l	Sal. method	Extra info.										
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45					58 59 60	61 62 63 64	77	78						
08	0000	1540	20793	1661		713			813	0.12										3	4
	0005	1197	24545	1854		740			818	0.12											
	0010	0921	29986	2319		723			814	0.18											
	0015	0779	32271	2519		684			812	0.16											
	0020	0733	32715	2560		676			812	0.19											
	0025	0651	33233	2611		647			810	0.32											
												BT Slide Sk 350/399/69									
												Observer Engström									
												N 58° 12.9'									
												E 11° 21.3'									

11 "Skagerak"

77 Sweden

1969

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
	°	'	°	'	°	W		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	°	'				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56	57	58 59	60	61	62	63	64		
0217	58	16	011	26	0	969	06	11	09	0060	01	000	27	04	180					16	1	0		
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l		Sat. method	Extra info.													
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	56			59 60	61	62 63	64	77	78							
09	0000	1526	20988	1679	707						813	0.02										3	4	
	0005	1287	23535	1760	732						819	0.04												
	0010	1115	26890	2049	754						820	0.08												
	0015	0704	32334	2534	665						810	0.12												
	0020	0633	32730	2574	637						806	0.25												
	0030	0587	33593	2648	614						806	0.53												
	0040	0571	33925	2676	614						800	0.65												
	0050	0563	34323	2708	545						796	0.95												
	0055	0559	34397	2715	524						793	0.94												
												BT Slide Sk 351/399/69												
												Observer Lagergren												
												N 58° 15.62'												
												E 11° 26.2'												

11 "Skagerak"

77 Sweden

1969

Hydro Depth Observations (Code 03)

Station

Alsback

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	°	'				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59	60	61	62	63	64	
0218	58	19	011	33	0	969	06	11	10	0119	01	000	27	04	180				16	2	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
10	0000	1482	21996	1606	718				806	0.11											3	4
	0005	1301	23730	1772	728				817	0.14												
	0010	1071	26833	2051	754				821	0.05												
	0015	0640	32090	2522	656				807	0.19												
	0020	0593	32840	2588	551				804	0.41												
	0030	0568	33460	2640	609				802	0.53												
	0040	0563	33852	2671	581				794	0.70												
	0050	0558	34249	2703	519				792	0.72												
	0060	0568	34488	2721	531				787	1.18												
	0070	0571	34581	2728	493				786	1.24												
	0080	0576	34618	2730	488				786	1.26												
	0090	0574	34637	2732	480				784	1.36												
	0100	0579	34658	2733	473				785	1.42												
	0110	0577	34664	2733	450				783	1.63												
											BT Slide Sk 352/11601/69											
											Observer Engström											
											N 58° 19.17'											
											E 11° 32.6'											

11 "Skagerak"

Station

77 Sweden

1969

Bornö, hängbron

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N 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					55	56	57
0219	58	23	011	35	0	969	06	11	11	0040	00	000	27	02	180							1	4	10	
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													
11	0000	1672	20286	1436	701		817	0.18		34															
	0005	1369	22945	1840	716		820	0.16																	
	0010	1114	27395	2088	741		817	0.12																	
	0015	0626	32074	2523	647		806	0.23																	
	0020	0569	33203	2619	615		800	0.58																	
	0025	0564	33456	2639	589		799																		
	0030	0567	33689	2658	550		795	0.83																	
	0035	0579	32903	2594	631		802	0.61																	
										BT Slide Sk 353/399/69															
										Observer Engström															
										N 58° 22.9'															
										E 11° 34.7'															

11 "Skagerak"

Station

77 Sweden

1969

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			
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					55	56	57
0220	58	25	011	36	0	969	06	11	12	0032	00	000	18	04	180								14	1	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													
12	0000	1801	18264	1255	701		811	0.16		3	4														
	0005	1325	23350	1739	730		815	0.17																	
	0010	1065	27799	2127	740		816	0.09																	
	0015	0629	32142	2528	629		798	0.41																	
	0020	0578	32883	2593	621		798	0.62																	
	0025	0565	33230	2622	613		800	0.56																	
	0030	0561	33583	2650	570		794	0.84																	
										BT Slide Sk 354/399/69															
										Observer Lagergren															
										N 58° 24.6'															
										E 11° 36'															

11 "Skagerak"

77 Sweden

1969

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				
	°	'	''	°	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56
0221	58°	24	011	38	0		969	06	11	12	0062	01	000	18	08	180									1	41	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	1794	17800	1235	702																							
	0005	1252	22677	1778	736																							
	0010	1112	27045	2061	741																							
	0015	0617	32188	2533	635																							
	0020	0582	32784	2584	630																							
	0030	0565	33435	2639	589																							
	0040	0568	33988	2682	516																							
	0050	0571	34200	2697	497																							
	0060	0570	34265	2704	469																							
												BT Slide Sk 355/399/69																
												Observer Lagergren																
												N 58° 24.2'																
												E 11° 37.9'																

11 "Skagerak"

77 Sweden

1969

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	60	61					62
0223	58	19	011	22	0	969	06	12	07	0034	00	000	20	02	170					11	1	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	ml/l			%	$\mu\text{gat/l}$										
07	0000	1541	20489	1478	697			810	0.11													3	4
	0005	1362	22080	1634	725			816	0.07														
	0010	1145	26382	2004	742			818	0.07														
	0015	0752	31535	2466	694			808	0.07														
	0020	0628	32553	2561	631			804	0.14														
	0030	0577	33356	2630	607			799	0.48														
											BT Slide Sk 357/399/69												
											Observer Engström												
											N 58° 19.1'												
											E 11° 21.7'												

11 "Skagerak"

77 Sweden

1969

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	60	61					62	63
0224	58	22	011	23	0	969	06	12	08	0024	00	000	20	02	170					1	11	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	ml/l			%	$\mu\text{gat/l}$											
08	0000	1568	21572	1556	705			813	0.11														3	4
	0005	1453	22687	1664	716			816	0.07															
	0010	1274	25202	1890	713			816	0.08															
	0015	0806	30498	2377	690			809	0.11															
	0020	0614	32776	2580	558			799	0.36															
											BT Slide Sk 357/399/69													
											Observer Engström													
											N 58° 22.4'													
											E 11° 22.7'													

11 "Skagerak"

77 Sweden

1969

Station

Koljöfjord

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0226	58	14	011	35	0	969	06	12	10	0040	00	000	20	04	180			00	2	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	77	78														
10	0000	1893	19771	1349	692				851	0.12	0.58	0.05	3	3																															
	0005	1355	22689	1682	643				827	0.14	0.57	0.00																																	
	0010	0727	25430	1990	395				774	0.20	0.47	0.90																																	
	0010	0558	28277	2233	197				742	1.49	1.61	11.15																																	
	0020	0512	28556	2260	194				750	1.75	1.76	12.25																																	
	0025	0479	28712	2275	250				757	1.68	1.90	14.75																																	
	0030	0461	28907	2292	235				755	1.80	2.02	12.25																																	
	0035	0462	29013	2300	234				756	1.61	1.93	13.90																																	
	0038	0461	29069	2305	209				756	1.80	1.77	14.35																																	
	0000									Si O ₂																																			
	0005									µgat/l																																			
	0010									1.85																																			
	0015									2.40																																			
	0020									5.35																																			
	0025									28.90																																			
	0030									29.20																																			
	0035									28.20																																			
	0038									26.90																																			
										29.90																																			
										34.10																																			
										BT Slide Sk 360/399/69																																			
										Observer Engström																																			
										N 58° 13.83'																																			
										E 11° 34.8'																																			

11 "Skagerak"

77 Sweden

1969

Station

Borgilafjord

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0227	58	15	011	38	0	969	06	12	12	0057	00	000	20	04	180							00	2	0				
Obs. time	Obs. depth		Temp.		Sol.	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
12	0000	1747	20113	1407	724					843	0.05														3	4		
	0005	1149	22651	1715	667					826	0.17																	
	0010	0769	24949	1948	444					775	0.22																	
	0015	0552	28226	2230	210					747	1.07																	
	0020	0515	28531	2258	248					749	1.09																	
	0030	0469	28887	2290	311					755	1.03																	
	0040	0465	29092	2306	301					755	0.88																	
	0050	0466			226					759	2.04																	
														BT Slide Sk 361/399/69														
														Observer Lagergren														
														N 58° 15.2'														
														E 11° 37.75'														
														Secchi disk: 5.7 m														

11 "Skagerak"

77 Sweden

1969

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	
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56
0228	58	17	011	41	0	969	06	12	12	0060	00	000	20	06	180					0	0	20	
Obs. time	Obs. depth	Temp.		Sal.		σ_t		Oxygen		pH	PO ₄ -P µgat/l	Sal. method	Extra info.										
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60					61 62 63	64	77	78						
12	0000	1741	18607	1295	719					848	0.14												
	0005	1220	21864	1642	697					826	0.14												
	0010	0806	25209	1964	442					772	0.34												
	0015	0558	28265	2233	272					749	1.25												
	0020	0511	28511	2256	277					746	1.53												
	0030	0478	28876	2289	311					759	1.79												
	0040	0471	29146	2310	333					764	1.61												
	0050	0472	29430	2332	267					762	1.39												
													BT Slide Sk 362/399/69										
													Observer Lagergren										
													N 58° 17.07'										
													E 11° 40.8'										
													Secchi disk: 4.3 m										

11 "Skagerak"

77 Sweden

1969

Station

Byfjorden

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54
0230	58	20	011	53	0	969	06	12	14	0043	00	000	23	10	210							0	02	0
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P	H ₂ S	µgat/l	µgat/l	Saf. method	Extra info.										
						ml/l	%																	
14	0000	1761	17582	12.12	770			X	851	0.12			3	3										
	0005	1079	21779	1659	602				811															
	0010	0684	26421	2073	210				750	2.90														
	0015	0600	29929	2357					726	4.70	51.10													
	0020	0549	30209	2385					736	8.30	54.00													
	0030	0512	30512	2413					742	6.50	30.15													
	0040	0511	30771	2434					735	6.25	41.75													
												BT Slide Sk 364/399/69												
												Observer Engström												

11 "Skagerak"

77 Sweden

1969

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		
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54
0231	58	16	011	49	0	969	06	12	15	0025	00	000	23	08	210							0	02	0
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	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							
15	0000	1876	19030	1297	688			847	0.06	3	4													
	0005	1236	22819	1714	688			824	0.12															
	0010	0660	27256	2141	421			774	0.12															
	0015	0556	31183	2461	333			771	1.14															
	0022	0548	32932	2600	323			773	1.20															
												BT Slide Sk 365/399/69												
												Observer Lagergren												
												N 58° 15.58'												
												E 11° 49.24'												

11 "Skagerak"

77 Sweden

1969

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		
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54
0232	58	11	011	51	0	969	06	12	15	0025	00	000	23	14	200							0	02	0
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	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							
15	0000	1714	20938	1478	698			830	0.18	3	4													
	0005	1563	21305	1536	710			833	0.11															
	0010	0782	26729	2086	535			795	0.15															
	0015	0606	31336	2468	407			756	0.68															
	0022	0579	32169	2536	382			779	0.96															
												BT Slide Sk 366/399/69												
												Observer Lagergren												
												N 58° 11'												
												E 11° 51.04'												

11 "Skagerak"

77 Sweden

1969

Station

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	51	52					53	54
0234	58	04	011	47	0	969	06	13	07	0025	00	000	18	10	150							00	2	0
Obs. time	Obs. depth	Temp.	Sal.	σ _t	Oxygen		pH	PO ₄ -P	Tot.P	NO ₃ -N	Sal. method	Extra info.												
					ml/l	%		μgat/l	μgat/l	μgat/l														
07	0000	1650	20293	1441	711		821	0.08	0.63	0.05		3	3											
	0005	1635	20281	1444	710		825	0.05	0.46	0.00														
	0010	1442	21439	1570	721		826	0.11	0.43	0.00														
	0015	0778	29699	2318	515		807	0.37	0.76	2.70														
	0020	0688	31003	2431	505		800	0.48	0.85	2.70														
	0023	0674	31192	2448	497		803	0.52	0.96	3.20														
	0000							Si O ₂																
	0005							μgat/l																
	0010							1.65																
	0015							0.80																
	0020							2.05																
	0023							9.35																
								8.75																
								11.95																
								BT Slide Sk 368/399/69																
								Observer Lagergren																
								N 58° 04.23'																
								E 11° 47.20'																

11 "Skagerak"

77 Sweden

1969

Station

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	58	59					60
0235	57	59	011	45	0	969	06	13	08	0030	00	008	18	14	150						00	2	0
Obs. time	Obs. depth	Temp.		Sal.		σ_t		Oxygen		pH	PO ₄ -P µgat/l	Tot.P µgat/l	NO ₃ -N µgat/l	Sed. method	Extra info.								
								ml/l	%														
08	0000	16.19	19.569	13.93	7.08			8.22	0.07	0.36	0.00		3	3									
	0005	16.11	19.632	13.99	7.14			8.22	0.05	0.41	0.00												
	0010	14.08	20.705	16.25	7.33			8.25	0.16	0.46	0.00												
	0015	06.75	31.281	24.55	5.28			8.08	0.44	0.68	1.90												
	0000									Si O ₂ µgat/l													
	0005									1.35													
	0010									1.95													
	0015									1.20													
										7.15													
										BT Slide Sk 369/399/69													
										Observer Engström													
										N 57° 59.38'													
										E 11° 45.7'													

11 "Skagerak"

77 Sweden

1969

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	51	52					53	54	55	56	57	58	59	60	61	62	63
0236	57	55	011	36	0	969	06	13	09	0055	00	007	20	16	160							00	2	0									
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Sal. method	Extra info.																						
26	27	28	29	30	31	32	33					34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78	
09	0000	1664	18309	1288	687				816	0.10																				3	4		
	0005	1654	18331	1291	685				817	0.09																							
	0010	1209	21266	1581	745				822	0.06																							
	0015	0870	28215	2190	625				803	0.09																							
	0020	0664	32031	2515	557				800	0.29																							
	0030	0578	33806	2667	580				800	0.67																							
	0040	0573	34112	2690	581				801	0.77																							
	0050	0569	34184	2697	587				802	0.65																							
												BT Slide Sk 370/399/69																					
												Observer Engström																					
												N 57° 55.18'																					
												E 11° 35.6'																					

11 "Skagerak"

77 Sweden

1969

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	61	62	63	64	
0237	57	54	011	32	0	969	06	13	10	0037	00		20	16	160																				
Obs. time	Obs. depth	Temp.		Sal.	σ_t	Oxygen		pH	PO ₄ -P µgat/l	Sal. method	Extra info.																								
26	27	28	29	30	31	32	33					34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78			
10	0000	1713	17417	1210	677				817	0.10																									
	0005	1613	18859	1340	700				820	0.10																									
	0010	1431	21347	1564	709				804	0.25																									
	0015	0842	28885	2246	613				816	0.14																									
	0020	0833	31912	2482	676				818	0.28																									
	0030	0584	33777	2663	580				810	0.68																									
	0035	0572	34123	2691	547				807	0.68																									
												BT Slide Sk 371/399/69																							
												Observer Lagergren																							

13 "Thetis"

77 Sweden

1969

Station

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	55	56					57	58
0001	57	50	010	53	0		969	02	18	08	0080	01			05	14	030							7	83	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	
08	0000	0088		23428		1882																		3	0	
	0005	0093		23433		1882																				
	0010	0039		24125		1938																				
	0015	0331		31988		2549																				
	0020	0346		32734		2605																				
	0030	0380		33149		2635																				
	0040	0525		34542		2730																				
	0050	0571		34902		2752																				
	0075	0560		35039		2765																				

BT Slide Th 1/358/69

Observer Ackefors

N 57° 50.2'

E 10° 53.2'

13 "Thetis"

77 Sweden

1969

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	51	52					53	54	55	56
0002	57	52	010	28	0	969	02	18	10	0103	01		05	16	X	025							28	3	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
10	0000	000	254																				4	0		
	0005	027	3260																							
	0010	054	3425																							
	0015	056	3450																							
	0020	056	3455																							
	0030	058	3466																							
	0040	058	3465																							
	0050	060	3474																							
	0075	0575	34860			2749																	3			
	0100	0557	34888			2754																				

BT Slide Th 2/358/69
 Th 3/269/69
 Observer Ackefors
 N 57° 51.9'
 E 10° 27.9'

13 "Thetis"

77 Sweden

Station

N Hirtshals

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice		
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb						
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64		
0003	57	54	009	56	0	969	02	18	15	0067	01		07	20	00	0		2	8	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	036		3259																	4	0
	0005	036		3261																		
	0010	036		3262																		
	0015	037		3272																		
	0020	040		3304																		
	0030	050		3415																		
	0040	052		3451																		
	0050	052		3455																		
	0060	056		3476																		

BT Slide Th 4/358/69
Observer Ackefors

13 "Thetis"

77 Sweden

1969

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		
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb						
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64		
0004	57	43	010	08	0	969	02	19	08	0043	00		07	22	019			28	4	0	0	
Obs. time	Obs. depth	Temp.		Sal.		σ_t		Oxygen		pH	Sal. method	Extra info.										
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60				61 62 63 64	77	78							
08	0000	051		3472																	4	0
	0005	051		3470																		
	0010	051		3470																		
	0015	051		3470																		
	0020	052		3478																		
	0030	055		3511																		
	0040	055		3511																		

BT Slide Th 5/358/69
Observer Ackefors
N 57° 43.3'
E 10° 07.5'

13 "Thetis"

77 Sweden

1969

Station

NW Hirtshals

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0005	57	42	009	44	0	969	02	19	12	0041	00			07	22	Ø13								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
12	0000	0526	34731	2745																							3	0
	0008	0526	34721	2745																								
	0018	0535	34712	2742																								
	0023	0537	34783	2748																								
	0028	0546	34850	2752																								
	0033	0559	34926	2757																								
	0038	0559	34925	2757																								

BT Slide Th 6/358/69

Observer Ackefors

N 57° 42.4'

E 09° 43.8'

13 "Thetis"

77 Sweden

1969

Station

NW 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	
	°	'	°	'	W		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	°	'					°
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56	57	58 59	60	61	62	63	64		
0006	57	48	009	19	0	969	02	20	09	0098	01			07	22	015				16	4	0		
Obs. time	Obs. depth	Temp.		Sal.		σ_t		Oxygen		pH	Sal. method	Extra info.												
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	56	59 60				61 62 63	64	77	78								
09	0000	0531	34698	2742																			3	0
	0005	0531	34703	2742																				
	0010	0536	34694	2740																				
	0015	0540	34725	2744																				
	0020	0540	34716	2743																				
	0030	0543	34718	2742																				
	0040	0536	34759	2746																				
	0050	0627	34893	2745																				
	0075	0721	35152	2753																				
	0090	0700	35154	2756																				

BT Slide Th 7/358/69
Th 8/269/69

Observer Ackefors

N 57° 48.2'

E 09° 19.0'

13 "Thetis"

77 Sweden

1969

Station

WNW Hirtshals

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	61	62					63
0007	57	38	009	12	0	969	02	20	12	0036	00		07	26	005					16	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	
12	0000	054		35	16																	4	3
	0005	054		35	16																		
	0010	054		35	16																		
	0015	054		35	16																		
	0020	054		35	16																		
	0030	054		35	16																		
	0035	054		35	16																		

BT Slide Th 9/358/69
 Observer Ackefors
 N 57° 37.5'
 E 09° 12.2'

13 "Thetis"

77 Sweden

1969

Hydro Depth Observations (Code 03)

Station

NW Skagen

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. 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
0009	58	03	010	17	0		969	02	27	10	0105	01			07	16	X	025					4	82	0	
Obs. time	Obs. depth	Temp.	Sal.	σ_t			Oxygen		pH	Sal. method	extra info.															
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58				59 60	61 62 63	64												
10	0000	X066	24942	2005																						
	0005	X094	25028	2011																						
	0010	X071	26118	2100																						
	0015	0002	28221	2267																						
	0020	0175	30712	2459																						
	0030	0418	34303	2723																						
	0040	0458	34503	2734																						
	0050	0495	34611	2739																						
	0075	0546	34801	2748																						
	0100	0564	34885	2753																						
											BT Slide Th 12/358/69															
											Th 13/269/69															
											Observer Ackefors															
											N 58° 02.5'															
											E 10° 16.5'															

13 "Thetis"

77 Sweden

1969

Station

NNW Skagen

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.					N S E W	Date			Station time	Depth to bottom	Max. abs. 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				
0010	58	00	010	31	0	969	02	27	13	0130	01	09	12	025								2	82	0	
Obs. time	Obs. depth	Temp.	Sol.	σ_t	Oxygen		pH		Sol. method		Extra info.														
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42 43 44 45	58	59 60	61 62 63 64																	77	78
13	0000	010	232																					4	0
	0005	011	232																						
	0010	011	264																						
	0015	036	3281																						
	0020	044	3429																						
	0030	049	3458																						
	0040	050	3469																						
	0050	050	3473																						
	0075	056	3493																						

BT Slide Th 14/358/69
Th 15/269/69

Observer Ackefors
N 58° 00'
E 10° 31.1'

13 "Thetis"

77 Sweden

1969

Station

W St. Pölsan

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. 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	47	011	15	0	969	02	28	07	0056	00		09	14	X	20						27	1	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	56	57 58	59 60	61 62 63	64										
07	0000	X	0102	20983	1685																			3	0
	0005	X	0103	21023	1688																				
	0010		0114	29841	2392																				
	0015		0320	32509	2590																				
	0020		0391	33162	2635																				
	0030		0496	34134	2701																				
	0040		0605	34754	2736																				
	0050		0641	35044	2755																				
BT Slide Th 16/358/69																									
Observer Ackefors																									
N 57° 46.5'																									
E 11° 15.4'																									

13 "Thetis"

77 Sweden

1969

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
0012	57	42	011	31	0	969	02	28	10	0050	00		09	12	X	20								27	2	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Sol. method	Extra info.																	
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42				43 44 45	56	57 58	59 60	61 62 63	64											
10	0000	X	009	213																					4	0
	0005	X	008	222																						
	0010		005	287																						
	0015		016	304																						
	0020		038	3334																						
	0030		0519	3458																						
	0040		0558	3497																						
	0050		058	3513																						
BT Slide Th 17/358/69																										
Observer Ackefors																										
N 57° 42.2'																										
E 11° 31.0'																										

13 "Thetis"

77 Sweden

1969

Station

W Vinga ang.

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.					N S E W	Date			Station time	Depth to bottom	Max. 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				
0013	57	39	011	27	0	969	03	03	12	0090	01	000	14	06	007							27	1	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	
12	0000	0085	20056	1611	036	109	1																3	0	
	0005	0087	20134	1616	025	107	9																		
	0010	0058	28198	2259	789	95	1																		
	0015	0205	30895	2471	763	97	3																		
	0020	0400	33033	2624	706	95	5																		
	0030	0490	33938	2687	686	95	4																		
	0040	0574	34547	2725	662	94	3																		
	0050	0603	34884	2748	642	92	2																		
	0060	0625	35039	2757	604	87	5																		
	0070	0647	35151	2763	567	82	4																		
	0080	0651	35187	2766	567	82	5																		

BT Slide Th 18/11600/69
 Observer Lagergren
 N 57° 38.5'
 E 11° 26.6'

13 "Thetis"

77 Sweden

1969

Station

Marstrandsfjord

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
	5	6	7	8		9	10	11					12	13	14	15					16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0014	57	54	011	32	0	969	03	03	14	0035	00	011	18	04	005				1	60	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															
14	0000	0028	14384	1154	983																3	0																							
	0005	0088	21461	1723	975																																								
	0010	0083	24427	1964	888																																								
	0015	0205	30106	2408	745																																								
	0020	0329	32167	2562	701																																								
	0030	0494	34119	2700	650																																								
BT Slide Th 19/358/69																																													
Observer Lagergren																																													

13 "Thetis"

77 Sweden

1969

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																													
	5	6	7	8		9	10	11					12	13	14	15					16	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	53	011	25	0	969	03	03	14	0075	01	006	18	04	005				14	0	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															
14	0000	0078	20076	1613	040																3	0																							
	0005	0085	20133	1616	037																																								
	0010	0011	24627	1980	859																																								
	0015	0169	29769	2383	763																																								
	0020	0319	32110	2559	721																																								
	0030	0469	33862	2683	682																																								
	0040	0560	34763	2743	647																																								
	0050	0628	35058	2759	589																																								
	0070	0648	35158	2764	560																																								
BT Slide Th 20/11600/69																																													
Observer Lagergren																																													

13 "Thetis"

77 Sweden

1969

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
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56	57	58 59	60	61	62	63	64				
0020	57	48	010	52	0	969	03	03	18	0059	00	003	18	08	X	020							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														77	78
18	0000	X	0075	22	160	17	80	X	076															3	0	
	0005		0122	25	828	20	71		850																	
	0010		0259	31	109	24	84		750																	
	0015		0398	33	113	26	30		697																	
	0020		0434	33	527	26	60		693																	
	0030		0506	34	391	27	20		681																	
	0040		0631	34	977	27	51		615																	
	0050		0647	35	137	27	62		577																	
																							BT Slide Th 25/358/69		Observer Engström	

13 "Thetis"

77 Sweden

1969

Station

R 53

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice				
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	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				
0021	57	48	010	42	0	969	03	03	19	0090	01	006	16	06	X	020							1	32	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	X	0084	23	119	18	56	X	021															3	0	
	0005	X	0085	23	158	18	60		652																	
	0010		0271	31	957	25	51		672																	
	0015		0402	33	312	26	46		690																	
	0020		0492	33	891	26	83		709																	
	0030		0556	34	443	27	19		747																	
	0040		0607	34	773	27	38																			
	0050		0621	34	876	27	45		636																	
	0075		0640	35	143	27	63		581																	
																							BT Slide Th 26/11600/69		Observer Engström	

13 "Thetis"

77 Sweden

1969

Station

M 6

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	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	
0022	58	10	009	30 0		969	03	04	00	0640	06	009	23	12	000			16	3	0		
Obs. time	Obs. depth	Temp.	Sol.	σ_t	Oxygen		SiO ₂	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			77	78								
01	0000	0074	28064	2256	937		4.27	0.21	0.84	2.98		3	3									
	0005	0039	28656	2303	905		4.60	0.27	0.84	4.48												
	0010	0013	29860	2398	857		5.28	0.50	0.89	5.02												
	0015	0299	32896	2623	748		5.29	0.53	0.84	6.22												
	0020	0354	33520	2667	725		5.20	0.32	0.79	5.18												
	0030	0391	33988	2702	723		5.10	0.46	0.78	5.23												
	0040	0473	34293	2716	697		5.40	0.59	0.78	5.52												
	0050	0539	34495	2725	684		5.40	0.53	0.79	4.23												
	0075	0665	34899	2741	642		4.35	0.55	0.84	5.28												
	0100	0745	35114	2746	597		3.67	0.54	0.91	6.02												
00	0150	0712	35164	2756	586		4.15	0.73	0.98	6.08												
	0200	0684	35216	2764	561		5.78	0.83	1.09	8.18												
	0300	0638	35210	2769	568		5.49	0.83	1.07	6.78												
	0400	0595	35197	2773	595		5.30	0.88	1.09	6.82												
	0500	0591	35199	2774	593		7.70	0.99	1.11	8.48												
	0600	0585	35211	2776	586		6.07	0.99	1.22	7.28												

BT Slide Th 27/11600/69

Observer Engström

13 "Thetis"

77 Sweden

1969

Station

R 45

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		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			
0023	58	16	009	58	0	969	03	04	03	0510	05	002	23	14	005					15	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									
03	0000	0041	29404	2360	905																	30	
	0005	0192	31736	2539	814																		
	0010	0303	32759	2611	768																		
	0015	0355	33132	2636	743																		
	0020	0365	33333	2651	739																		
	0030	0357	33406	2658	743																		
	0040	0397	33984	2700	723																		
	0050	0498	34362	2719	692																		
	0075	0670	34884	2739	641																		
	0100	0740	35107	2747	605																		
	0150	0733	35212	2756	568																		
	0200	0670	35186	2763	581																		
	0300	0627	35208	2770	578																		
	0400	0596	35199	2774	594																		
	0500	0586	35199	2775	592																		

BT Slide Th 28/11600/69

Observer Lagergren

N 58° 16.4'

E 009° 57.5'

13 "Thetis"

77 Sweden

1969

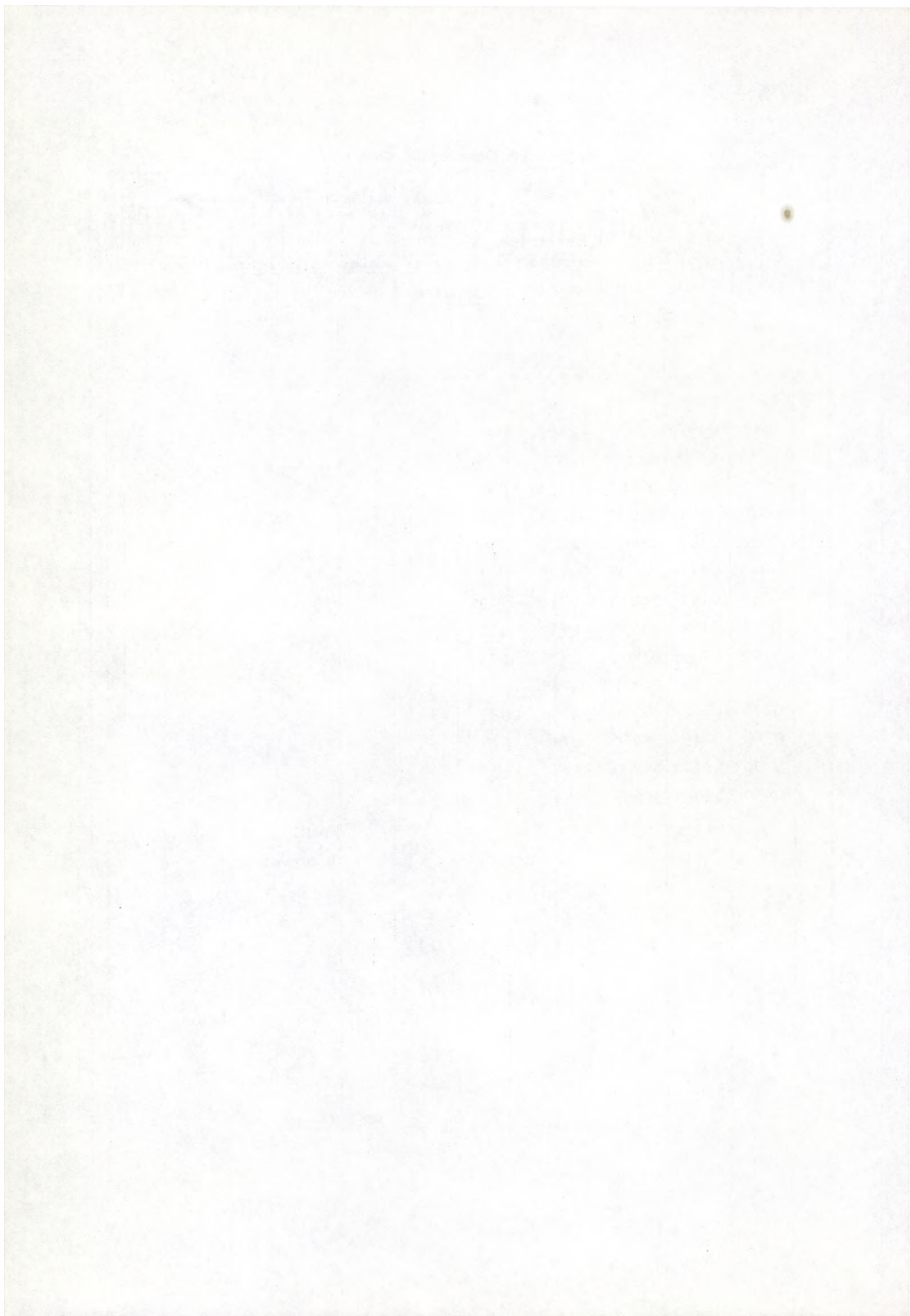
Station

Å 18 B

Hydro Depth Observations (Code 03)

Station No.				Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice								
5	6	7	8	9	10	11	12	13	14		15	16	17					18	Year	Mo.	Day	Dir.	Sp. kn.					Dry bulb	Wet bulb	51	52	53	54	55	56
0024				58	16	010	11	0				969	03	04	04	0470	04	006	23	16	000												13	3	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Sat. method	Extra info.																										
26	27	28	29	30	31	32				33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78				
05	0000	0058	29790	2390																															
	0005	0087	30033	2409	881																														
	0010	0299	32253	2571	779																														
	0015	0319	32561	2594	762																														
	0020	0364	33082	2631	755																														
	0030	0423	33902	2690	718																														
	0040	0415	34008	2700	721																														
	0050	0463	34213	2711	719																														
	0075	0552	34599	2731	618																														
04	0100	0589	34753	2739	673																														
	0150	0582	34812	2745	677																														
	0200	0642	35030	2754	631																														
	0300	0645	35210	2768	575																														
	0400	0611	35200	2771	587																														
	0450	0606	35201	2772	583																														

BT Slide Th 29/11600/69
Observer Lagergren



13 "Thetis"

77 Sweden

1969

Station

Å 17

Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																					
	5	6	7	8	9	10		11	12	13					14	15	16	17	18	19					20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0025	58	15	010	34	0	969	03	04	07	0300	03	007	23	12	005			2	7	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																	
07	0000	0126	27083	2178					987																																				
	0005	0111	27637	2223					024																																				
	0010	0108	31826	2552					788																																				
	0015	0310	32837	2617					734																																				
	0020	0420	33566	2665					713																																				
	0030	0462	34229	2713					705																																				
	0040	0520	34471	2725					689																																				
	0050	0549	34585	2731					671																																				
	0075	0653	34880	2741					642																																				
	0100	0703	35030	2746					627																																				
	0150	0686	35118	2756					530																																				
	0200	0679	35207	2764					571																																				
	0280	0638	35208	2769					568																																				

BT Slide Th 30/11600/69
Observer Lagergren
N 58° 14.5'
E 10° 34'

13 "Thetis"

77 Sweden

1969

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	
	c	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56 57
0026	58	16	010	44	0	969	03	04	09	0202	02	003	23	10	000						16	1	1
Obs. time	Obs. depth	Temp.		Sol.	σ_t		Oxygen		pH			Sol. method	Extra info.										
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58 59 60	61 62 63 64			77	78										
09	0000	0118	27320	2197	999																		
	0005	0111	27404	2204	975																		
	0010	0040	31195	2504	816																		
	0015	0243	32388	2587	741																		
	0020	0354	33118	2635	776																		
	0030	0451	33869	2685	648																		
	0040	0515	34334	2715	684																		
	0050	0598	34722	2735	667																		
	0075	0626	34935	2749	636																		
	0100	0634	35023	2755	620																		
	0150	0653	35180	2764	570																		
	0190	0629	35193	2769	569																		
													BT Slide Th 31/11600/69										
													Observer Engström										
													N 58° 16'										
													E 10° 43.5'										

13 "Thetis"

77 Sweden

1969

Station

Å 15

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.					N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	°	'	°	'	°	'	°		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	55	56					57
0027	58	18	010	51	0	969	03	04	10	0135	01	007	27	12	005									1	30	1
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	0111	27047	2175	002																			3	0	
	0005	0112	27036	2174	939																					
	0010	0047	30180	2426	877																					
	0015	0040	31354	2516	814																					
	0020	0216	32345	2586	765																					
	0030	0436	33452	2654	703																					
	0040	0513	34254	2709	691																					
	0050	0578	34569	2726	664																					
	0075	0633																								
	0100	0633	35169	2766	578																					
	0125	0626	35188	2769	574																					

BT Slide Th 32/11600/69
 Observer Engström
 N 58° 17.7'
 E 10° 51'

13 "Thetis"

77 Sweden

1969

Station

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																				
		5	6	7	8	9	10		11	12	13					14	15	16	17	18	19					20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53
0028		58	19	010	57	0	969	03	04	10	0110	01	006	27	12	005					0	0	0																						
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Sal. method	Extra info.																																				
					ml/l	%																																							
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78																	
10	0000	0112	24627	1980		050																								3	0														
	0005	0107	24615	1979		065																																							
	0010	0052	29996	2412		879																																							
	0015	0154	31781	2545		770																																							
	0020	0356	32973	2615		717																																							
	0030	0532	34154	2699		680																																							
	0040	0586	34579	2726		655																																							
	0050	0608	34770	2738		637																																							
	0075	0653	35063	2755		610																																							
	0100	0628	35195	2769		575																																							

BT Slide Th 33/11600/69
 Observer Engström
 N 58° 19'
 E 10° 56.5'

13 "Thetis"

77 Sweden

1969

Station

A 13

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.				NSEW	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																					
	°	'	°	'	''	Year		Mo.	Day	Dir.					Sp. kn.	Dry bulb	Wet bulb																												
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0029	58	20	011	02	0						969	03	04	11	0083	01	008	27	10	X	005																				13	0	1		
Obs. time	Obs. depth	Temp.	Sol.	σ_t	Oxygen		pH	Sel. method	Extra info.																																				
26	27	28	29	30	31	32				33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
11	0000	X099	23878	1919	X	071																																							
	0005	X106	23880	1919	X	068																																							
	0010	X054	27119	2180		933																																							
	0015	0183	31933	2555		764																																							
	0020	0328	32857	2618		727																																							
	0030	0516	34221	2706		683																																							
	0040	0613	34709	2732		649																																							
	0050	0627	34939	2749		614																																							
	0075	0653	35149	2762																																									

BT Slide Th 34/11600/69
Observer Engström
N 58° 20.2'
E 11° 02'

13 "Thetis"

77 Sweden

1969

Station

Å 12

Hydro Depth Observations (Ccode 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Mc c. 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
0030	58	20	011	06	0	969	03	04	12	0044	00	008	25	10	000						1	2	01		
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	
12	0000	0100	23098	1856				088																3	0
	0005	0094	23138	1858				084																	
	0010	0063	26741	2150																					
	0015	0142	31215	2500				763																	
	0020	0309	32653	2602				716																	
	0030	0488	33808	2677																					
	0040	0578	34676	2735				628																	

BT Slide Th 35/358/69
Observer Lagergren
N 58° 20.2'
E 11° 06.1'

13 "Thetis"

77 Sweden

1969

Station

Å 11

Hydro Depth Observations (Ccode 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Mc c. 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
0031	58	20	011	10	0	969	03	04	12	0052	00	006	25	10	000								12	0	1		
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	
12	0000	0087	22072	1772				065																		3	0
	0005	0101	22796	1831				999																			
	0010	0017	25485	2047				899																			
	0015	0020	29806	2394				816																			
	0020	0199	31883	2551				748																			
	0030	0434	33429	2652				684																			
	0040	0578	34708	2737				623																			
	0045	0602	34862	2746				601																			

BT Slide Th 36/358/69
Observer Lagergren
N 58° 20.2'
E 11° 09.5'

13 "Thetis"

77 Sweden

1969

Station

S System

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		NSEW	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice			
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb							
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64			
0032	58	35	011	09	0	969	03	05	06	0038	00	010	20	14	X015			2	70	1			
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										
06	0000	X095	22672	1829	X054																		
	0005	X094	22871	1836	X991																		3 0
	0010	X089	26128	2101	941																		
	0015	0013	29514	2370	829																		
	0020	0074	30707	2464	801																		
	0030	0476	33790	2676	653																		
BT Slide Th 37/358/69 Observer Lagergren																							

13 "Thetis"

77 Sweden

1969

Station

E Väderö

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		NSEW	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice			
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb							
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64			
0033	58	35	011	05	0	969	03	05	07	0118	01	010	20	14	X015			16	2	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	X108	24194	1943	X047																		
	0005	X097	24540	1972	X041																		3 0
	0010	X101	25858	2079	X017																		
	0015	0054	30905	2481	800																		
	0020	0164	31764	2543	773																		
	0030	0439	33414	2650	701																		
	0040	0518	33993	2688	669																		
	0050	0605	34533	2720	620																		
	0075	0634	34891	2744	602																		
	0100	0638	34921	2746	792																		
BT Slide Th 38/11600/69 Observer Lagergren N 58° 34.9' E 11° 05.3'																							

13 "Thetis"

Station

77 Sweden

1969

Väderö 2

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58 59
0034	58	34	010	57	0	969	03	05	08	0063	00	010	20	10	005						2	80	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				ml/l	%	77	78								
08	0000	0108		23990		1927		X	X														3	0
	0005	0111		24039		1932		X																
	0010	0085		27857		2241																		
	0015	0074		31276		2509																		
	0020	0202		32413		2592																		
	0030	0445		33559		2661																		
	0040	0577		34474		2719																		
	0050	0600		34650		2730																		
												BT Slide Th 39/358/69 Observer Lagergren N 58° 33.7' E 10° 57.4'												

13 "Thetis"

Station

77 Sweden

1969

Väderö 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
0036	58	33	010	48	0		969	03	05	10	0105	01	003	20	06	000				2	72	1																							
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	0	116	26773	2153	0	13																			3	0																		
	0005	0	117	27230	2189	0	08																																						
	0010	0	003	30963	2487	8	19																																						
	0015	0	152	31840	2551	7	80																																						
	0020	0	199	32374	2589	7	65																																						
	0030	0	441	33456	2654	6	91																																						
	0040	0	549	34374	2714	6	93																																						
	0050	0	610	34802	2740	6	38																																						
	0075	0	653	35077	2757	5	94																																						
	0100	0	644	35167	2765	5	11																																						
															BT Slide Th 41/11600/69																														
															Observer Lagergren																														
															N 58° 32.5'																														
															E 10° 48'																														

13 "Thetis"

77 Sweden

1969

Station

Väderö 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					60	61
0037	58	32	010	41	0	969	03	05	11	0140	01	004	23	14	005						2	73	0	
Obs. time	Obs. depth	Temp.	Sal.	σ _t	Oxygen		pH	Sal. method	Extra info.															
					ml/l	%																		
11	0000	0097	28697	2308			923															3	0	
	0005	0076	29693	2387			901																	
	0010	0002	31175	2505			827																	
	0015	0123	31713	2542			837																	
	0020	0235	32455	2593			803																	
	0030	0510	34141	2700			683																	
	0040	0578	34535	2724			653																	
	0050	0637	34861	2742			640																	
	0075	0647	35105	2760			605																	
	0100	0634	35160	2766			705																	
	0125	0623	35199	2769			582																	

BT Slide Th 42/11600/69
 Observer Lagergren
 N 58° 31.6'
 E 10° 40.7'

13 "Thetis"

Station

77 Sweden

1969

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
	o	'	''	o	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	55	56				
0039	58	16	011	26	0		969	03	06	08	0053	00	010	27	16	020					1	10	1	
Obs. time	Obs. depth	Temp.			Sal.	σ_t	Oxygen		pH	PO ₄ -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			77	78										
08	0000	0089				1748			X084		0.11	3	4											
	0005	0090				1755			X084		0.09													
	0010	0086				2023			935		0.29													
	0015	0015				2257			840		0.60													
	0020	0323				2488			705		0.73													
	0030	0544				2673					0.86													
	0040	0545				2713			621		0.75													
	0050	0551																						
												BT Slide Th 44/358/69												
												Observer Lagergren												
												N 58° 15.62'												
												E 11° 26.2'												

13 "Thetis"

Station

77 Sweden

1969

S 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	55	56				
0040	55	27	014	39	0		969	03	19	09	0071	01		09	26	X005	005			16	3	0		
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										
09	0000	0039				0636			X020															
	0010	0038				0636																		
	0020	0036				0637			989															
	0030	0051				0639																		
	0040	0038				0674			970															
	0050	0100				0967			905															
	0060	0155				1281			835															
	0065	0155				1333			834															
												BT Slide Th 51/11600/69												
												Observer Claesson												
												N 55° 26.7'												
												E 14° 39.0'												

13 "Thetis"

77 Sweden

1969

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
	°	'	°	'	W		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb						
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 :60	61	62	63	64			
0043	56	02	018	51	0	969	03	25	03	0123	01		05	08	00	5	004	11	1	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												
03	0000	0056	07403	0594	976															3	0		
	0020	0081	07472	0600	953																		
	0030	0082	07583	0609																			
	0040	0078	07640	0613																			
	0050	0080	07688	0618	938																		
	0060	0084	07703	0619	925																		
	0070	0361	09069	0727	312																		
	0080	0418	09715	0778	112																		
	0090	0493	10701	0854	084																		
	0100	0540	11055	0879	166																		
	0110	0583	11576	0917	331																		
	0115	0585	11631	0921	340																		

BT Slide Th 55/11600/69
Observer Claesson

13 "Thetis"

Station

77 Sweden

1969

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	
0044	55	15	015	59	0	969	03	25	14	0094	01		07	22	027	010		27	30		
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	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	77	78										
14	0000	0111	07524	0605	944															3	0
	0010	0109	07524	0605																	
	0020	0112	07534	0606	960																
	0030	0082	07779	0625	967																
	0040	0061	07985	0641	959																
	0050	0074	08479	0681	922																
	0060	0643	12920	1018	512																
	0070	0625	14482	1169	339																
	0080	0534	15470	1226	424																
	0085	0438	16889	1345	563																

BT Slide Th 56/11600/69
Observer Claesson

13 "Thetis"

77 Sweden

1969

Station

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	
	o	'	o	'	"		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	58	59					60
0045	54	51	015	28	0	969	03	26	12	0074	01			05	20	007	012	1	4	30				
Obs. time	Obs. depth	Temp.	Sal.	σ _t	Oxygen		pH	77	78															
					ml/l	%																		
12	0000	0125	07719	0621																			3	0
	0010	0126	07721	0621																				
	0020	0131	07719	0621																				
	0030	0120	07722	0621	956																			
	0040	0121	07728	0622																				
	0050	0119	07740	0622																				
	0060	0235	08619	0693	815																			
	0070	0468	14679	1169	470																			

BT Slide Th 57/11600/69
 Observer Claesson
 N 54° 51.3'
 E 15° 27.7'

13 "Thetis"

77 Sweden

1969

Station

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		
	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		
0046	54	55	013	17	0	969	03	27	20	0045	00		05	16	020	006	16	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										
20	0000	0077	08044	0646																3	0	
	0010	0071	08049	0646																		
	0020	0076	08050	0646		980																
	0030	0057	08274	0663																		
	0040	0022	09791	0784		962																
											BT Slide Th 59/358/69 Observer Claesson N 54° 55.3' E 13° 16.9'											

13 "Thetis"

77 Sweden

1969

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		
	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		
0047	55	13	013	17	0	969	03	28	11	0042	00		05	04	015	006	28	1	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										
11	0000	0077	07999	0642																3	0	
	0010	0071	08000	0642																		
	0020	0072	08015	0644																		
	0030	0066	08093	0649																		
	0035	0054	08231	0660		958																
											BT Slide Th 60/358/69 Observer Claesson N 55° 12.6' E 13° 16.8'											

13 "Thetis"

77 Sweden

1969

Station

Idefjorden 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							
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64			
0048	59	05	011	13	0	969	04	23	11	0065	00			09	22	100			00	1	0		
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH			Sol. method	Extra info.												
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42	43 44 45	58 59 60	61 62 63 64			77	78												
11	0000	0574	33022	2605		587															3	0	
	0002	0569	34408	2715																			
	0005	0569	34541	2725		587																	
	0010	0570	34659	2735		585																	
	0015	0577	34639	2732																			
	0020	0566	34667	2735		577																	
	0030	0571	34669	2735																			
	0040	0575	34678	2735																			
	0050	0555	34675	2737		576																	

BT Slide Th 86/358/69
Observer Dybern
N 59° 05.2'
E 11° 13.2'

13 "Thetis"

77 Sweden

1969

Station

Idefjorden 15

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice			
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb							
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 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	59	06	011	15	0	969	04	23	11	0030	00			09	20	100			1	1	0		
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH			Sol. method	Extra info.												
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42	43 44 45	58 59 60	61 62 63 64			77	78												
11	0000	0505	18105	1436		669																	
	0002	0583	34073	2626		578																	
	0005	0576	34533	2723		577																	
	0010	0573	34630	2731		577																	
	0015	0576	34642	2732																			
	0025	0576	34659	2734		578																	

BT Slide Th 87/358/69
Observer Dybern
N 59° 05.5'
E 11° 14.6'

13 "Thetis"

77 Sweden

1969

Station

Idefjorden 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					
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57
0050	59	06	011	16	0	969	04	23	12	0028	00		09	20	100								11	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
12	0000	0464	0254	0205	719																		1	0			
	0002	0468	14431	1150	550																		3				
	0005	0572	33310	2627	554																						
	0010	0563	33828	2669	557																						
	0015	0564	33957	2680																							
	0020	0570	34041	2685	563																						
	0025	0572	34159	2694																							
BT Slide Th 88/358/69																											
Observer Dybern																											
N 59° 05.75'																											
E 11° 15.8'																											

13 "Thetis"

77 Sweden

1969

Station

Idefjorden 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
0051	59	06	011	17	0	969	04	23	12	0038	00		05	14	100								12	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
12	0000	0460	0153	0124	699																		1	0			
	0002	0457	0303	0245	690																						
	0005	0418	25543	2030	041																		3				
	0010	0516	29995	2372	172																						
	0015	0526	31006	2451	388																						
	0020	0526	31506	2491	426																						
	0030	0538	32188	2543																							
BT Slide Th 89/358/69																											
Observer Dybern																											
N 59° 05.9'																											
E 11° 17'																											

13 "Thetis"

77 Sweden

Station

Idefjorden 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	58	59					60	61	62
0052	59	07	011	19	0		969	04	23	12	0033	00			09	12	10	5					1	21	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	
12	0000	0468	0163	0132	695																					1	0
	0002	0441	03245	0263	659																						
	0005	0435	26406	2098	00																						
	0010	0545	29887	2360	00																						
	0015	0508	31185	2467	314																						
	0020	0508	31554	2495																							
	0025	0520	31824	2515	413																						
BT Slide Th 90/358/69 Observer Dybern N 59° 06.5' E 11° 18.8'																											

13 "Thetis"

77 Sweden

1969

Station

Idefjorden 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					60	61	62	63	64
0053	59	06	011	21	0		969	04	23	13	0028	00			09	16	10	6					12	1	0				
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH	Sal. method	Extra info.																				
					ml/l	%																							
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63	64																77	78	
13	0000	0496	0082	0068	840																							1	0
	0003	0412	17192	1371	019																								
	0005	0464	25538	2025	00																								
	0010	0676	28373	2227	00																								
	0015	0598	29963	2360	00																								
	0020	0557	30641	2419																									
	0025	0543	30959	2445	00																								
BT Slide Th 91/358/69 Observer Dybern																													

13 "Thetis"

Station

77 Sweden

1969

Idefjorden 4

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58 59
0054	59	05	011	23	0	969	04	23	14	0035	00		14	14	105							12	1	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											
14	0000	05	19	0085	0070	818																	1	0
	0003	04	98	03948	0317	657																	3	
	0005	05	15	25437	2013	0																		
	0010	07	15	28695	2248	0																		
	0015	06	74	30166	2368	0																		
	0020	05	61	30614	2416	0																		
	0030	05	71	31111	2454	0.11																		
												BT Slide Th 93/358/69												
												Observer Dybern												

13 "Thetis"

Station

77 Sweden

1969

Idefjorden 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					55 56	57 58 59	60
0055	59	02	011	250	969	04	23	15	0029	00		14	14	105									12	1	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												
15	0000	05	24	0082	0067	860																		1	0
	0003	06	88	23528	1845	003																		3	
	0005	08	76	26706	2071	0																			
	0010	09	25	29190	2256	0																			
	0015	07	24	30359	2376	0																			
	0020	05	99	30596	2410	0																			
	0025	05	17	30772	2433	036																			
												BT Slide Th 94/358/69													
												Observer Dybern													

13 "Thetis"

77 Sweden

1969

Station

Idefjorden 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			
0056	59	01	011	27	0	969	04	23	16	0012	00		14	10	11	0		11	1	0			
Obs. time	Obs. depth	Temp.		Sal.	σ_t		Oxygen		pH	Sal. method	Extra info.												
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58				59 60	61 62 63 64	77	78								
16	0000	0546	0070	0058	866																1	0	
	0003	0538	17226	1364	062																	3	
	0005	0920	26325	2028	0																		
	0010	0972	29179	2248	0																		
												BT Slide Th 95/358/69											
												Observer Dybern											

13 "Thetis"

77 Sweden

1969

Station

Harpö bådar

(Smedjepricken)

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice				
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb								
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64				
0057	58	16	011	22	0	969	04	29	13	0049	00		23	16	062			28	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									
13	0000	0563	25596	2022																			3	0
	0005	0557	25789	2037																				
	0010	0549	26919	2127																				
	0015	0549	30690	2423																				
	0020	0542	32921	2600																				
	0025	0541	33731	2664																				
	0030	0531	33917	2681																				
	0035	0532																						
	0040	0536	34058	2691																				
	0045	0536	34107	2695																				
												BT Slide Th 96/358 /69												
												Observer Dybern												
												N 58° 15.85'												
												E 11° 22.35'												

13 "Thetis"

77 Sweden

1969

Station

N Bornholm

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																							
	5	6	7	8		9	10	11					12	13	14	15	16	17					18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0058	55	32	015	08	0	969	06	04	13	0085	01			07	08	075	074	1	4	1	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	53	59	60	61	62	63	64	77	78																	
13	0000	0732	0732	0572																								1	0																
	0010	0712	0732	0574																																									
	0020	0653	0737	0581																																									
	0030	0499	0767	0612	888																																								
	0040	0452	0792	0634																																									
	0050	0235	1233	0990	780																																								
	0060	0515	1422	1129																																									
	0070	0528	1517	1203	411																																								
	0080	0377	1614	1288	484																																								

BT Slide Th 101/11600/69
Observer Claesson

13 "Thetis"

77 Sweden

1969

Station

Yttre Gdanskbukten

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 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	55	20	018	55	0	969	06	0920		0088	01		02	16	085	073	11	3	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										
20	0000	0740	0751	0587																
	0010	0741	0751	0587																
	0020	0654	0751	0592																
	0030	0329	0752	0606																
	0040	0381	0759	0610																
	0050	0274	0768	0619																
	0060	0174	0794	0639	816															
	0070	0382	1110	0889																
	0075	0351	1225	0981	485															
										BT Slide Th 105/11600/69										
										Observer Claesson										
										N 55° 20.3'										
										E 18° 55.0'										

13 "Thetis"

77 Sweden

1969

Station

S 23

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice				
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56
0062	55	13	017	04	0	969	06	10	18	0093	01				36	08	115	085	12	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		

18	0000	0890	0743	0568					
	0010	0887	0744	0569					
	0020	0701	0749	0588					
	0030	0531	0758	0604					
	0040	0377	0762	0613					
	0050	0295	0780	0629	879				
	0060	0269	1117	0897					
	0070	0300	1243	0987	632				
	0080	0327	1287	1031					
	0085	0348	1328	1063	528				

BT Slide Th 106/11600/69
Observer Claesson

13 "Thetis"

Station

77 Sweden

1969

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
0063	55	15	015	59	0	969	06	10	24	0090	01		00	00	125	080	1	1	0	0
Obs. time	Obs. depth	Temp.	Sal.	σ_t		Oxygen		pH										Sol. method	Extra info.	
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63	64							77	78	
24	0000	0931	0750	0570														1	0	
	0010	0845	0751	0579																
	0020	0722	0752	0589		888														
	0030	0441	0771	0619		895														
	0040	0295	0792	0636																
	0050	0232	1010	0812		778														
	0060	0301	1279	1025		688														
	0070	0352	1505	1204		488														
	0080	0325	1626	1301		547														
	0085	0333	1669	1334		443														

BT Slide Th 107/11600/69

Observer Claesson

N 55° 14.6'

E 15° 58.5'

13 "Thetis"

77 Sweden

1969

Station

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		
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	55	56					57	58
0065	50	22	016	05	0	969	06	12	09	0083	01		18	04	140	108	1	20	0					
Obs. time	Obs. depth	Temp.	Sal.	σ_t	Oxygen		pH														Sol. method	Extra info.		
					ml/l	%																		
09	0000	1111	0750	0550																			1	0
	0010	0882	0750	0574																				
	0020	0783	0764	0593	854																			
	0030	0394	0764	0613																				
	0040	0297	0805	0648																				
	0050	0339	1022	0821	766																			
	0060	0308	1322	1060																				
	0070	0392	1494	1193	421																			
	0080	0344	1640	1311	476																			
BT Slide Th 109/11600/69																								
Observer Claesson																								
N 50° 21.6'																								
E 16° 05.3'																								

13 "Thetis"

77 Sweden

1969

Station

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	51 52	53 54					55 56	57 58
0066	55	23	015	38	0		969	06	12	21	0095	01			18	04	130	112	1	10	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											
21	0000	1247		0752		0534			838																1	0
	0010	0973		0760		0573			894																	
	0020	0532		0748		0596			895																	
	0030	0418		0768		0616			883																	
	0040	0336		0804		0646			849																	
	0050	0251		1161		0932			731																	
	0060	0300		1386		1111			592																	
	0070	0349		1524		1219			503																	
	0080	0318		1663		1330			543																	
	0090	0322		1687		1349			477																	

BT Slide Th 110/11600/69
 Observer Claesson
 N 55° 23.2'
 E 15° 37.6'

13 "Thetis"

77 Sweden

1969

Station

S Ven

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
0069	55	51	012	45	0	969	06	16	14	0028	00				99	04	190	161	1	4	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																	
14	0000	16.13	0842	0544																							1	0																	
	0010	1082	2008	1527																																									
	0020	0595	3427	2700																																									
	0025	0592	3430	2703			370																																						
												BT Slide Th 113/358/69																																	
												Observer Claesson																																	
												N 55° 50.5'																																	
												E 12° 45.0'																																	

