

Hour	Depth in Metres	Instru- ment	Corr. t° C.	S ‰	$\sigma_t$
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Stat. 19 a. Aug. 3, 1912. Same place as Stat. 19.  
The ship was moored to an ice-floe.

10.45 p.m.	0	B	0.8	33.09	26.55
11.00 "	10	E	1.15	.50	.85
10.45 "	20	II	1.17	.66*	.96
" "	50	I	1.28	34.58*	27.71
" "	75	E	1.27	.99	.84
			0.99	.72*	

Stat. 19 b. Aug. 4, 1912. Moored to the same  
ice-floe.

1.10 a.m.	10	E	1.16	33.48	26.83
1.00 "	20	E	1.17	.61*	.94
0.40 "	50	E	1.16	.61*	.94
0.50 "	75	E	1.18	34.48*	27.73
3.30 "	50	E	-0.41	.48	.82
2.00 "	626	E	-0.41	.49	.71
			-0.89	.65*	
			-0.87	.43*	

Stat. 19 c. Aug. 4, 1912. Moored to the same  
ice-floe.

11.50 a.m.	0	B	0.1	32.59	26.19
" "	10	II	1.02	33.38	.76
" "	20	I	1.41	.70*	.99
" "	30	E	1.17	34.02*	27.27
0.15 p.m.	40	II	1.18	.06	.35
11.00 a.m.	50	E	-1.48	.38*	.71
0.15 p.m.	60	I	-1.47	.375*	.71
" "	80	E	-1.56	.27	.79
0.40 "	100	II	0.28	.73*	.84
" "	120	I	1.81	.82*	.86
" "	150	E	2.03	.90*	.91
1.45 "	620		2.05		

Stat. 19 d. Aug. 4, 1912. Moored to the same  
ice-floe.

5.35 p.m.	0	B	-0.1	32.39	26.0
.55 "	20	E	1.42	33.88*	27.11
6.05 "	30	II	1.44	34.19 <sup>1</sup>	.38
5.35 "	40	II	1.54	.29	.63
6.05 "	50	I	-1.45	.38*	.71
5.35 "	60 <sup>2</sup>	I	-1.51	[.12*] <sup>2</sup>	
6.05 "	70	E	-1.04?	0.19	.73
5.35 "	80 <sup>2</sup>	E	0.21	.52*	[.66]
			-0.82?	[.36*] <sup>2</sup>	
			[-0.64]		

<sup>1</sup> Mr. Öyan got 34.45 ‰ and later 34.50 ‰, but the glass-bottle was then (February 1915) cracked.

<sup>2</sup> There has evidently been something wrong with these observations at 60 and 80 metres, taken by the same haul, at 5.35 p.m. The water-bottles may probably not have been released and closed in the proper depths but during the hauling up. In that case the temperatures at these two depths are also doubtful, and this may be the explanation of the considerable disagreement between the readings of the two thermometers of the Ekman Water-bottle at 80 metres, the thermometer did not get time to take the temperature at the depth where they happened to be reversed during the hauling up.

Stat. 19 e. Aug. 4, 1912. Moored to the same  
ice-floe.

10.05 p.m.	40	II	-1.25	34.26*	27.60
" "	60	I	-0.74	.49*	.76
" "	80	E	0.78	.69*	.83
10.50 "	40	II	0.79	.15*	.50
" "	60	I	-1.25	.48*	.75
" "	80	E	-0.85	.69*	.83
			0.73		
			0.74		

Stat. 20. Aug. 5, 1912. Moored to another  
ice-floe, after having had to move  
about 5 miles towards ENE (magn.)  
from Stat. 19 e. We should then be  
in 80° 21' N, 11° 10' E, if we had not  
drifted in a south-westerly direction  
while a Stat. 19.

11.30 a.m.	0	B	0.2	32.87	26.40
10.40 "	40	II	0.36	34.53*	27.73
" "	60	I	0.52	.66*	.82
" "	80	E	1.43	.79*	.87
" "	100	R. B.	1.44	.87*	.90
0.18 p.m.	572		1.83		