



Det här verket har digitaliserats vid Göteborgs universitetsbibliotek och är fritt att använda. Alla tryckta texter är OCR-tolkade till maskinläsbar text. Det betyder att du kan söka och kopiera texten från dokumentet. Vissa äldre dokument med dåligt tryck kan vara svåra att OCR-tolka korrekt vilket medför att den OCR-tolkade texten kan innehålla fel och därför bör man visuellt jämföra med verkets bilder för att avgöra vad som är riktigt.

This work has been digitized at Gothenburg University Library and is free to use. All printed texts have been OCR-processed and converted to machine readable text. This means that you can search and copy text from the document. Some early printed books are hard to OCR-process correctly and the text may contain errors, so one should always visually compare it with the images to determine what is correct.



Ödsmål, Kville sn, Bohuslän

Hällristning
Fiskare från
bronsåldern

Rock carving
Bronze age
fishermen



**MEDDELANDE från
HAVSFISKELABORATORIET · LYSEKIL**

nr
196

Hydrografiska avdelningen, Göteborg.

Measurements of Current and total Phosphorus
at Lightvessel "Halsskov Rev" 1969-70.

by

Frede Hermann and O. Vagn Olsen

February 1976

Measurements of Current and total Phosphorus

at Lightvessel "Halsskov Rev" 1969-70

by

Frede Hermann and O. Vagn Olsen

At the request of Dr Artur Svansson current measurements and measurements of total Phosphorus were carried out from the Lightvessel "Halsskov Rev" in the period 14/7 1969 to 15/5 1970.

The lightvessel is situated at the eastern part of the Great Belt at position 55°20,2 N, 11°02,7 E. The ship is anchored at the slope of the Belt and the depth varies between 22 and 13 metres, when the ship is moving round its anchor.

The currents were measured by the crew four times daily at the following depths: 0 m, 2,5 m, 5 m, 10 m and 15 m. At the surface the current was measured by means of a current cross, which is a wooden cross of dimensions ca. 70 x 70 cm and weighted, so that it stands vertical in the water. The cross is connected with the ship by means of a light line, which floats in the water. The cross is allowed to drift 25 metres from the ship and thence the time for drifting further 25 or 50 metres is measured. In the deeper layers the current was measured by means of the Jacobsen Libelle current meter.

The conditions for current measurements are unfavorable as the directions of the current often is perpendicular to the direction of the wind, which makes the ship move and roll. This may have affected the accuracy of the current measurements.

The water samples for total phosphorus were collected once a day at 07 o'clock GMT and sent once or twice a month to Danmarks Fiskeri- og Havundersøgelser, Charlottenlund, where the samples were analysed. The samples were not filtered. The persulfate oxydation method according to Koroleff was used.

During the period 23. January 1969 to 14. March 1970 the ship was withdrawn on account of ice. Other interruptions were caused by damage to current meter or other difficulties. Time is given in GMT.

The current measurements were sponsored by the Swedish Environment Protection Board.

Halsskov Rev

1969 07 14 - 1969 07 18

Date	Hour	North Component, cm/s					East Component, cm/s				
		0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
Total Phosphorus $\mu\text{gat}/\text{l}$											
07 14	00										
	06										
	12		-45	-52	-13	-13		-25	-8	9	9
	18	-12	-16	-30	22	2	8	22	2	24	-5
	Mean	-12	-31	-41	5	-6	8	-2	-3	17	2
	Tot.P										
07 15	00	-26	-24	-20	-8	-12	9	28	23	-13	2
	06	-16	-18		21	5	-1	12	12	21	13
	12	-8	14	0	0	0	-8	-3	0	0	0
	18	17	32	37	23	-6	0	2	1	-1	-30
	Mean	-8	1		9	-3	0	10	9	2	-4
	Tot.P	0.67		1.14	0.96	1.58					
07 16	00	15	27	26	13	13	-1	14	13	4	3
	06	53	58	61	78	36	-19	-27	-10	9	-26
	12	38	55	57	42	33	-18	-32	-33	-24	-32
	18	67	56	60	25	30	-27	-72	-63	-73	-35
	Mean	43	49	51	40	28	-16	-29	-23	-21	-23
	Tot.P	0.79		0.71	1.05	1.28					
07 17	00	73	94	91	80	62	-6	-8	1	-25	-21
	06	90	112	102	80	62	-33	-73	-66	-88	-69
	12	57	78	61	68	55	-21	-5	-24	-26	-31
	18	23	-10	-10	-10	-6	4	36	36	37	21
	Mean	61	69	61	55	43	-14	-13	-13	-26	-25
	Tot.P	0.91		1.16	0.75	0.90					
07 18	00	-7	-17	-31	7	-20	12	17	21	31	-23
	06	-23	-18	-9	-10	13	-2	21	28	27	51
	12	-57	-54	-52	-37	-27	10	54	52	55	51
	18	-63	-24	-12	-24	-14	0	29	69	64	53
	Mean	-38	-28	-26	-16	-12	5	30	43	44	33
	Tot.P	0.84		0.81	0.87	1.14					

Halsskov Rev 1969 07 19 - 1969 07 23

Date	Hour	North Component cm/s					East Component cm/s				
		0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
		Total Phosphorus µgat/l									
07 19	00	-74	-76	-85	-64	-51	5	57	33	33	44
	06	-35	-26	-36	-27	-15	1	26	36	23	10
	12	16	32	28	32	16	-1	1	9	1	2
	18	28	46	34	26	18	-19	-16	-13	3	-31
	Mean	-16	-6	-15	-8	-8	-4	17	16	15	6
	Tot.P	0.77		0.82	0.82	1.27					
07 20	00	67	82	85	73	32	-12	-30	22	2	-22
	06	0	6	-19	-20	-5	0	-17	-16	14	8
	12	-62	-59	-68	-53	-42	11	25	45	53	62
	18	-77	-93	-104	-87	-55	0	16	14	16	27
	Mean	-18	-16	-27	-22	-18	0	-2	16	21	19
	Tot.P	0.77		0.84	0.89	0.93					
07 21	00	-45	-47	-45	-13	-31	12	43	42	57	55
	06	-46	-33	-43	-40	-26	4	44	45	42	38
	12	0	0	4	15	-2	0	0	24	0	-4
	18	-36	-20	-15	25	11	3	26	46	29	-10
	Mean	-32	-25	-25	-3	-12	5	28	39	32	20
	Tot.P	0.79		0.77	0.98	1.31					
07 22	00	-11	-12	1	1	1	2	8	-1	-1	-1
	06	-47	-27	-29	-28	-39	13	26	39	38	32
	12	0	9	9	13	-11	0	4	4	6	0
	18	-8	-6	9	10	3	5	24	25	21	36
	Mean	-17	-9	-3	-1	-12	5	16	17	16	17
	Tot.P	0.68		0.65	0.69	1.26					
07 23	00	21	23	23	17	18	-2	19	19	20	9
	06	0	-12	-24	-21	-24	0	-22	-13	-21	-11
	12	41	38	39	24	21	-11	-31	-33	-8	-4
	18	20	27	26	24	-19	-4	-14	-13	-1	-16
	Mean	21	19	16	11	-1	-4	-12	-10	-3	-6
	Tot.P	0.91		0.96	0.94	1.32					

		North Component cm/s					East Component cm/s				
		Total Phosphorus $\mu\text{g}/\text{l}$									
Date	Hour	0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
07 24	00	58	57	52	43	26	-21	-66	-60	-50	-13
	06	25	29	19	6	-21	-17	-23	-15	-6	-13
	12	63	71	73	65	24	-2	-44	-33	-36	-43
	18	45	50	41	38	27	-21	-67	-44	-42	-21
	Mean	48	52	46	38	14	-15	-50	-38	-34	-23
	Tot.P	0.86		0.77	0.77	1.35					
07 25	00	92	102	88	64	55	-8	-9	-43	-36	-35
	06	16	14	37	-6	-6	-11	-20	-6	2	2
	12	-3	0	10	-2	-27	-15	0	-1	0	1
	18	6	-6	3	0	-23	11	24	37	-6	-16
	Mean	28	28	35	14	0	-6	-1	-3	-10	-12
	Tot.P	0.74		0.74	0.85	1.20					
07 26	00	35	30	32	31	11	0	-23	-34	5	4
	06	46	49	48	42	-19	-8	-3	-3	-5	5
	12	66	83	77	68	34	6	-3	22	39	18
	18	104	92	96	90	82	-9	-21	-22	-2	-1
	Mean	63	64	63	58	27	-3	-13	-9	9	7
	Tot.P	0.71		0.72	0.75	1.12					
07 27	00	84	94	92	70	74	-31	-40	-50	-65	-46
	06	118	123	139	117	94	-32	-52	-53	-91	-73
	12	70	80	77	72	50	-12	-22	-21	-19	-28
	18	84	80	99	90	101	-7	-24	-8	-7	-13
	Mean	89	94	102	87	80	-21	-35	-33	-46	-40
	Tot.P	0.77		0.80	0.79	1.20					
07 28	00	71	77	94	83	60	-13	-31	-32	-45	-29
	06	91	98	99	94	77	-8	-30	-34	-14	-21
	12	33	27	23	21	5	27	26	29	26	1
	18	62	63	64	58	30	0	12	33	33	7
	Mean	64	66	70	64	43	2	-6	1	0	-11
	Tot.P	0.78		0.73	0.81	0.95					

		North Component cm/s					East Component cm/s				
		Total Phosphorus $\mu\text{g}/\text{l}$									
Date	Hour	0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
07 29	00	47	28	44	40	20	-2	-25	-41	-25	-4
	06	109	112	112	128	71	-4	-30	-55	-31	-25
	12	67	52	59	66	25	-12	-36	-72	-33	-29
	18	91	80	82	81	56	-16	-43	-54	-53	-48
	Mean	79	68	74	79	43	-9	-34	-56	-36	-27
	Tot.P	0.73		0.67	0.74	0.78					
07 30	00	64	48	56	54	40	-6	-36	-42	-17	-18
	06	106	95	114	128	94	-4	0	-21	6	-22
	12	38	29	28	29	6	-3	-24	-24	-2	4
	18	73	79	79	86	45	6	-26	-10	-6	-9
	Mean	70	63	69	74	46	-2	-22	-24	-5	-11
	Tot.P	0.63		0.77	0.75	0.88					
07 31	00	23	22	22	23	-5	-1	-16	-24	-14	5
	06	61	58	57	55	31	-5	-41	-40	-42	3
	12	18	37	37	30	13	15	-7	-1	9	-2
	18	64	38	40	40	16	-11	-38	-44	-47	-18
	Mean	42	39	39	37	14	-1	-26	-27	-24	-3
	Tot.P	0.73		0.75	0.89	1.19					
Monthly Means											
	Tot.P	0.77		0.81	0.84	1.16					

Halsskov Rev

1969 08 01 - 1969 08 05

North Component cm/s

East Component cm/s

Total Phosphorus µgat/l

Date	Hour	North Component cm/s					East Component cm/s				
		0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
08 01	00	47	30	7	33	3	-8	-39	-55	-33	10
	06	87	94	77	89	48	-8	-40	-87	-54	-27
	12	44	48	41	35	46	-8	-42	-70	-42	-56
	18	87	50	60	54	10	-32	-67	-79	-71	-13
	Mean	66	56	46	53	27	-14	-47	-73	-15	-15
	Tot.P	0.72		0.77	0.81	1.10					
08 02	00	70	75	55	52	59	-12	.35	-59	-53	-36
	06	82	92	74	95	52	-14	-45	-64	-50	-26
	12	81	71	85	65	56	-11	-44	-51	-30	-35
	18	77	65	62	56	37	-28	-52	-77	-44	-25
	Mean	78	76	69	67	51	-16	-27	-63	-44	-30
	Tot.P	0.71		0.78	0.78	1.01					
08 03	00	43	79	46	68	37	-12	-91	-62	-85	-46
	06	88	75	85	32	46	-24	-70	-79	-81	-64
	12	102	97	89	71	59	-37	-91	-83	-109	-85
	18	70	51	36	36	6	-32	-66	-92	-103	-99
	Mean	76	76	64	52	37	-26	-80	-79	-95	-74
	Tot.P	0.94		0.84	0.87	0.84					
08 04	00	84	111	121	97	99	-31	-45	-52	-66	-36
	06	82	90	65	112	63	-22	-48	-73	-58	-70
	12	103	127	117	123	85	-18	-39	-31	-42	-67
	18	45	35	42	52	48	-8	-23	-47	-28	-59
	Mean	79	91	86	96	74	-20	-39	-51	-49	-58
	Tot.P	1.06		1.10	0.97	1.07					
08 05	00	77	92	93	105	74	-14	-43	-29	-22	-25
	06	12	0	-3	16	-1	-2	0	-24	-18	5
	12	62	57	69	66	74	-5	-18	-10	-15	16
	18	25	21	22	23	-6	7	-13	-9	9	1
	Mean	44	43	45	53	35	-4	-19	-18	-12	-1
	Tot.P	0.80		1.02	1.05	1.02					

Date	Hour	North Component cm/s					East Component cm/s				
		0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
Total Phosphorus µgat/l											
08 06	00	41	43	42	54	34	-4	-23	-28	6	5
	06	0	0	0	24	35	0	0	0	4	11
	12	19	30	32	-6	-41	0	-12	2	0	28
	18	0	0	24	18	16	0	0	-6	-16	-53
	Mean	15	18	25	23	11	-1	-9	-8	-2	-2
	Tot.P	1.03		1.00	0.93	1.46					
08 07	00	0	23	9	11	-19	0	-7	23	22	32
	06	-34	-40	-45	-43	-66	0	28	19	18	17
	12	-45	-47	-43	-34	-55	-4	13	22	10	27
	18	-54	-56	-70	-42	-56	0	22	1	17	36
	Mean	-33	-30	-37	-27	-49	-1	14	16	17	28
	Tot.P	1.14		0.90	1.10	1.18					
08 08	00	-29	-26	-26	-36	-20	0	26	26	2	43
	06	-61	-83	-80	-54	-52	-5	-6	-6	11	11
	12	-41	-56	-59	-49	-41	-4	-1	7	-14	18
	18	-36	-42	-40	-47	-51	-3	4	-10	-3	15
	Mean	-42	-52	-51	-47	-41	-3	6	4	-1	22
	Tot.P	0.65		1.10	1.17	1.04					
08 09	00	-23	4	25	22	27	-13	-37	-42	-28	-38
	06	51	52	44	23	22	-51	-65	-67	-18	-17
	12	21	29	24	37	24	-17	-14	-5	2	28
	18	48	20	31	30	20	-13	-45	-37	-19	-7
	Mean	24	26	31	28	23	-24	-40	-38	-17	-9
	Tot.P	0.78		1.29	1.09	1.15					
08 10	00	30	19	-3	26	22	-14	-32	-49	-32	-6
	06	77	61	70	64	31	-36	-72	-69	-63	-54
	12	47	0	33	42	34	-22	0	-55	-42	-4
	18	83	89	59	98	41	-15	-32	-54	-35	-6
	Mean	59	42	40	58	32	-22	-34	-57	-43	-18
	Tot.P	0.85		0.81	0.83	1.13					

Date	Hour	North Component cm/s					East Component cm/s				
		0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
		Total Phosphorus µgat/l									
08 11	00		60	78	76	-33		-22	-24	7	5
	06	92	96	92	89	38	-8	-35	-33	-3	-11
	12	34	37	32	21	-31	16	3	2	10	-23
	18	59	61	61	49	2	-5	-19	-7	-5	4
	Mean		64	66	59	-6		-18	-16	2	-63
	Tot.P	0.77		0.70	0.73	1.23					
08 12	00	28	24	13	32	10	-17	-43	-39	-17	24
	06	79	82	82	47	27	-21	-47	-38	-55	-37
	12	39	35	37	30	-26	-3	-13	1	8	1
	18	59	63	53	36	-21	-5	-10	2	2	1
	Mean	51	51	46	36	-3	-12	-28	-19	-16	-3
	Tot.P	0.79		0.69	0.87	1.35					
08 13	00	18	21	23	-4	-25	-2	-25	-8	3	29
	06	52	55	48	38	18	-9	-45	-34	-25	-5
	12	28	37	27	23	-33	-5	4	-17	5	9
	18	23	37	32	19	-26	13	8	19	13	-6
	Mean	30	38	33	19	-17	-1	-15	-10	-1	7
	Tot.P	0.77		0.71	0.91	1.09					
08 14	00	8	28	27	-5	-6	8	16	17	-3	-33
	06	37	27	25	31	-13	-3	-26	-33	-6	12
	12	9	5	5	-14	21	15	24	32	2	-25
	18	3	-6	0	30	29	4	24	10	-13	-13
	Mean	14	14	14	11	8	6	10	7	-5	-15
	Tot.P	0.67		1.03	1.02	1.33					
08 15	00	0	0	0	-11	-3	0	0	0	36	48
	06	-10	11	-10	21	19	5	10	-28	22	26
	12	0	-14	-24	14	14	0	-5	-5	27	19
	18	-6	0	0	-36	-47	-3	0	0	-10	-13
	Mean	-4	-1	-9	-3	-4	1	1	-8	19	20
	Tot.P	0.79		0.74	1.05	1.19					

Halsskov Rev

1969 08 16 - 1969 08 20

Date	Hour	North Component cm/s					East Component cm/s				
		0m	2.5m	5m	10	15m	0m	2.5m	5m	10m	15m
		Total Phosphorus $\mu\text{gat}/1$									
08 16	00	4	12	28	35	37	-3	8	17	12	30
	06	16	13	12	14	4	-6	-7	-30	0	-23
	12	19	15	24	14	3	-2	2	-2	3	24
	18	9	-17	-16	23	31	5	17	18	8	9
	Mean	12	6	12	22	19	-2	5	-1	6	10
	Tot.P	0.78		0.69	1.12	1.12					
08 17	00	6	0	7	-27	-27	2	0	-23	18	25
	06	23	22	-2	-1	-23	-4	-10	-32	5	10
	12	-2	-13	-10	2	6	9	8	-11	1	-8
	18	-8	0	-16	-37	-48	-1	0	-28	-1	5
	Mean	5	2	-5	-16	-23	2	-1	-24	6	8
	Tot.P	0.79		0.76	1.03	1.08					
08 18	00	-5	-13	-21	-11	2	2	7	12	30	37
	06	0	0	0	18	14	0	0	0	-24	-35
	12	0	-12	-11	4	8	0	13	13	24	23
	18	-18	-38	-36	-35	-51	-3	-16	-18	-16	7
	Mean	-6	-16	-17	-6	-7	0	1	2	4	8
	Tot.P	0.60		0.96	1.10	1.67					
08 19	00	-29	-42	-39	-46	-31	0	2	12	14	18
	06	53	-64	-59	-55	-30	0	1	18	17	36
	12	-19	-41	-38	-43	-41	-2	-8	-15	-4	-4
	18	-50	-63	-62	-49	-50	0	4	3	0	26
	Mean	-11	-53	-50	-48	-38	-1	0	5	7	19
	Tot.P	0.57		0.84	1.03	1.03					
08 20	00	-20	-16	9	9	41	7	19	54	60	41
	06	-44	-101	-96	-66	-54	0	14	14	43	36
	12	-57	-102	-78	-76	-64	0	-2	-6	10	34
	18	-100	-120	-92	-81	-73	8	13	28	34	34
	Mean	-55	-85	-64	-54	-38	4	11	23	37	36
	Tot.P			0.75	1.02	1.46					

Halsskov Rev

1969 08 21 - 1969 08 25

Date	Hour	North Component cm/s					East Component cm/s				
		0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
		Total Phosphorus $\mu\text{gat/l}$									
08 21	00	-55	-63	-61	-41	-33	5	10	10	28	34
	06	-92	-97	-70	-87	-50	34	70	90	55	80
	12	-95	-102	-96	-42	-56	17	-1	16	27	40
	18	-115	-112	-118	-115	-73	42	73	106	134	-113
	Mean	-89	-94	-86	-71	-53	25	38	56	61	10
	Tot.P	0.85		0.66	1.04	1.42					
08 22	00	-98	-106	-84	-52	-20	36	80	88	87	61
	06	-98	-87	-92	-69	-40	68	134	142	144	90
	12	-80	-48	-61	-22	1	29	68	87	106	80
	18	-131	-135	-138	-97	-30	48	126	129	109	121
	Mean	-102	-94	-94	-60	-22	45	102	112	112	88
	Tot.P	0.70		0.75	1.02	1.05					
08 23	00	-71	-77	-56	-6	1	41	92	99	104	95
	06	-98	-89	-74	-54	-20	57	99	129	137	119
	12	-59	-9	-8	-11	-1	41	102	97	88	82
	18										
	Mean										
	Tot.P	0.86		0.86	0.72	0.71					
08 24	00										
	06										
	12										
	18										
	Mean										
	Tot.P	0.80		1.02	0.57	0.69					
08 25	00										
	06										
	12	-19					2				
	18	-4	-3	-1	33	35	2	14	15	17	10
	Mean										
	Tot.P	0.94		0.24	0.51	0.73					

Date	Hour	North Component cm/s					East Component cm/s				
		0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
Total Phosphorus $\mu\text{g}/\text{l}$											
08 26	00	-25					-25				
	06	-8					-30				
	12	13					-2				
	18	11					-9				
	Mean	-2					-17				
	Tot.P	0.88		0.88	1.14	1.18					
08 27	00	-10					4				
	06	16					-3				
	12	-50					4				
	18	-102					9				
	Mean	-37					4				
	Tot.P	0.84		0.74	1.23	1.17					
08 28	00	-108					9				
	06	-84					31				
	12	-102					37				
	18	-24					14				
	Mean	-80					23				
	Tot.P	0.70		0.84	0.97	1.30					
08 29	00	-45					-8				
	06	-20					-4				
	12	-57					-10				
	18	-21					-4				
	Mean	-36					-7				
	Tot.P	0.66		0.91	1.37	1.22					
08 30	00	-63					-6				
	06	-80					-7				
	12	-147					-13				
	18	-76					0				
	Mean	-96					-7				
	Tot.P	0.73		0.70	1.15	1.29					

Halsskov Rev 1969 08 31

North Component cm/s East Component cm/s
Total Phosphorus μ gat/l

Date	Hour	0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
03 31	00	71					0				
	06	-31					18				
	12	26					18				
	18	-24					14				
	Mean	11					13				
	Tot.P	0.68	0.79	1.04	1.35						
Monthly Means											
	Tot.P	0.80	0.83	0.98	1.15						

Date	Hour	North Component cm/s					East Component cm/s				
		0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
		Total Phosphorus $\mu\text{g}/\text{l}$									
09 06	00	16					-4				
	06	14					-4				
	12										
	18	-20	-19	-16	-1	-9	5	15	18	-11	2
	Mean										
	Tot.P										
09 07	00	-19	-14	-21	11	24	-7	12	13	-19	-5
	06	-14	-18	-10	-6	-7	-11	-2	-1	-24	-26
	12	18	17	13	4	3	-2	7	6	-9	-10
	18	45	42	44	41	42	-4	7	21	35	19
	Mean	8	7	7	13	16	6	9	9	4	6
	Tot.P	0.81		0.70	1.18	1.41					
09 08	00	13	-7	-35	44	29	23	32	14	-18	-23
	06	25	26	24	20	9	2	15	25	21	8
	12	-34	-36	-23	-31	-35	12	11	8	5	9
	18	15	12	-1	9	28	-4	-8	1	-4	-10
	Mean	5	1	-9	11	8	7	13	12	1	-4
	Tot.P	0.79		0.96	0.95	1.05					
09 09	00	13	29	26	26	-10	-1	-8	-7	-7	-28
	06	62	75	79	73	56	-5	-7	15	30	9
	12	40	41	41	34	2	-3	-5	2	18	-9
	18	75	82	80	61	39	-20	-12	-4	-12	-33
	Mean	48	57	57	49	22	-7	-8	-2	7	-15
	Tot.P	0.82		0.81	1.41	1.22					
09 10	00	64	59	64	52	40	-17	-25	-27	-22	-37
	06	94	138	112	92	62	-34	-12	1	-20	-25
	12	70	63	61	57	28	-26	-7	-6	-34	-20
	18	66	71	65	59	53	-6	6	-3	-16	-3
	Mean	74	83	76	65	46	-21	-10	-9	-23	-21
	Tot.P	0.93		0.97	1.00	0.83					

		North Component cm/s					East Component cm/s				
		Total Phosphorus µgat/l									
Data	Hour	0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
09 11	00	44	37	25	22	13	8	16	8	8	-1
	06	60	47	69	34	48	-5	13	15	4	48
	12	50	49	43	32	17	-18	7	8	-9	-15
	18	52	49	49	32	38	5	13	13	34	9
	Mean	52	46	47	30	29	-3	12	11	9	10
	Tot.P	0.78		0.80	1.05	1.31					
09 12	00	54	49	48	35	-4	10	-4	4	36	-5
	06	65	59	55	42	37	-6	12	22	40	24
	12	72	69	59	49	20	-6	13	-4	20	-8
	18	83	83	76	75	51	0	10	9	25	14
	Mean	69	65	60	50	26	-1	8	8	30	6
	Tot.P	1.03		1.01	0.90	1.26					
09 13	00	64	64	61	55	36	-6	-3	8	19	-6
	06	78	91	79	87	48	0	0	7	11	-5
	12	57	65	52	35	32	-15	-19	-33	-27	-1
	18	56	39	34	30	-26	-10	-16	20	9	5
	Mean	64	65	57	52	23	-8	-10	1	3	-2
	Tot.P	0.90		0.73	0.93	1.07					
09 14	00	31	32	19	13	-32	-5	-19	-26	-19	-20
	06	80	70	64	55	43	-6	11	-27	12	4
	12	64	70	49	45	39	-6	-11	11	10	23
	18	64	69	41	44	38	6	17	18	20	-10
	Mean	60	60	43	39	22	-6	-1	-6	6	-3
	Tot.P	0.94		0.84	1.18	1.63					
09 15	00	48	42	39	20	2	-13	-26	-25	-27	5
	06	67	64	55	51	35	-12	0	-22	9	-9
	12	59	56	50	39	26	10	-3	-2	27	4
	18	69	81	69	50	40	-6	-1	5	25	26
	Mean	61	61	53	40	26	-8	-8	-11	9	7
	Tot.P	0.78		0.73	0.92	1.18					

Date	Hour	North Component cm/s					East Component cm/s				
		0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
Total Phosphorus $\mu\text{gat/l}$											
09 16	00	67	42	37	28	40	0	-43	-59	-49	-31
	06	69	75	86	66	68	-12	-35	-17	-41	-4
	12	60	65	45	51	54	-11	-42	-66	-57	0
	18	53	81	76	57	39	-7	-4	24	33	13
	Mean	62	66	61	51	50	-8	-31	-30	-29	-6
	Tot.P	0.82		0.84	0.77	1.10					
09 17	00	79	76	62	94	23	-14	-49	-49	-89	-25
	06	79	96	101	78	93	-14	-33	-57	-69	-23
	12	95	138	130	111	95	-17	-7	1	-32	-35
	18	95	25	33	8	40	-17	-55	-74	-58	-54
	Mean	87	84	82	73	63	-16	-36	-45	-62	-34
	Tot.P	0.92		0.89	0.90	0.97					
09 18	00	100	133	117	94	86	-18	-36	-57	-46	-16
	06	82	111	84	87	85	-22	-47	-77	-55	-40
	12	86	102	133	113	104	-8	9	12	35	19
	18	56	43	41	41	59	-20	-84	-81	-81	-70
	Mean	81	97	94	84	84	-17	-40	-51	-37	-27
	Tot.P	1.09		0.83	0.95	0.94					
09 19	00	79	109	104	90	75	0	-10	-9	32	27
	06	20	25	5	-2	21	-7	16	37	36	10
	12	32	19	-6	-7	-6	0	32	48	58	45
	18	-16	-23	-24	5	-23	0	8	4	-1	8
	Mean	29	33	20	22	17	-2	12	20	31	23
	Tot.P	0.70		0.63	0.90	1.14					
09 20	00	8	1	-2	-2	1	-3	-15	-14	-14	-14
	06	-18	-12	-24	-20	-18	0	8	17	22	45
	12	8	5	-1	5	30	0	-14	2	-14	-22
	18	-82	-92	-130	-60	-78	0	80	51	64	77
	Mean	-21	-25	-39	-19	-16	-1	15	14	15	21
	Tot.P	0.82		0.86	0.89	1.10					

		North Component cm/s					East Component cm/s				
		Total Phosphorus µgat/l									
Date	Hour	0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
09 21	00	-22	24	23	35	38	2	29	29	9	14
	06	-83	-49	-55	-49	-19	0	110	78	114	110
	12	-172	-145	-107	-98	-80	0	113	104	95	77
	18	-167	-171	-175	-147	-47	0	69	71	13	129
	Mean	-111	-85	-90	-65	-27	1	80	71	58	83
	Tot.P	0.84		0.89	0.94	1.24					
09 22	00	-93	-56	-40	8	7	0	121	115	102	86
	06	-41	-4	9	6	4	7	71	69	45	32
	12	-125	-136	-120	-93	-55	0	157	138	108	64
	18	-167	-135	-120	-140	-112	0	126	112	73	59
	Mean	-107	-83	-68	-55	-39	2	119	109	82	60
	Tot.P	1.03		0.86	0.82	1.37					
09 23	00	-172	-174	-171	-112	-91	0	113	66	90	73
	06	-125	-128	-126	-154	-46	11	111	110	48	129
	12	-95	-105	-133	-129	-83	17	82	67	28	98
	18	-7	-3	0	0	-31	18	24	-3	-3	21
	Mean	-100	-103	-108	-99	-63	12	83	60	41	80
	Tot.P	1.37		1.19	1.31	1.26					
09 24	00	-15	20	20	20	26	3	31	31	30	40
	06	-4	37	36	30	34	23	6	6	-9	-10
	12	-4	28	44	35	44	23	25	40	31	14
	18	0	0	0	0	-14	0	0	0	0	4
	Mean	-6	21	25	21	23	12	16	19	13	12
	Tot.P	1.24		1.10	1.12	0.95					
09 25	00	20	21	34	0	-13	-11	-13	15	37	34
	06	-16	37	30	17	25	-22	5	-22	-26	-26
	12	8	24	17	-6	13	-13	-6	17	64	45
	18	6	0	0	24	37	-11	0	0	2	3
	Mean	5	21	20	9	16	-14	-4	3	19	14
	Tot.P	0.97		1.17	1.15	1.10					

Date	Hour	North Component cm/s					East Component cm/s				
		0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
Total Phosphorus µgat/l											
09 26	00	-55	-62	-53	-59	-57	10	52	44	31	30
	06	0	0	0	58	45	0	0	0	13	-14
	12	-49	-22	-11	0	-13	0	56	58	68	64
	18	-16	16	22	35	28	0	34	43	46	49
	Mean	-30	-17	-11	9	1	3	36	36	40	32
	Tot.P	1.04		0.84	0.89	0.95					
09 27	00	-25	37	35	54	46	0	6	13	-7	-9
	06	0	0	0	48	51	0	0	0	-9	-10
	12	-117	-130	-96	-124	-98	43	130	100	111	88
	18	-154	-126	-129	-99	-80	27	135	138	107	86
	Mean	-74	-55	-48	-30	-20	18	68	63	51	39
	Tot.P	0.82		0.83	0.91	0.99					
09 28	00	-164	-188	-166	-143	-116	29	88	77	18	15
	06	-97	-127	-130	-123	-129	17	41	72	-1	14
	12	-98	-126	-113	-109	-94	17	98	88	43	85
	18	38	35	46	29	17	14	13	38	36	54
	Mean	-80	-102	-91	-87	-81	19	60	69	24	42
	Tot.P	0.89		0.93	1.08	1.12					
09 29	00	62					0				
	06	42	40	12	25	43	0	28	47	25	20
	12	-103	-75	-67	-82	-85	18	141	127	84	94
	18	-123	-174	-130	-128	-123	22	113	130	66	8
	Mean	-31	-70	-62	-62	-55					
	Tot.P	1.21		1.10	1.12	1.14					
09 30	00	-167	-203	-178	-139	-113	0	47	41	32	26
	06	-107	-118	-107	-126	-130	19	63	57	32	36
	12	-57	-19	-46	-76	-31	21	61	89	39	72
	18	44	44	55	48	42	16	33	43	56	49
	Mean	-72	-74	-69	-73	-58	14	51	58	40	46
	Tot.P	1.21		1.20	1.23	1.41					
Monthly Means											
	Tot.P	0.93		0.89	1.01	1.17					

Date	Hour	North Component cm/s					East Component cm/s				
		0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
		Total Phosphorus $\mu\text{g}/\text{l}$									
10 01	00	28	36	40	38	47	0	10	58	37	47
	06	-33	17	33	31	28	19	69	73	70	68
	12	-54					31				
	18	-112	-98	-93	-93	-75	20	126	109	110	89
	Mean	-43	-15	-7	-8	0					
	Tot.P	1.12		1.08	1.10	1.09					
10 02	00	-189	-188	-166	-129	-105	33	88	77	60	49
	06	-170	-187	-166	-129	-103	30	91	77	60	53
	12	-123	-135	-126	-126	-117	22	84	68	69	64
	18	-55	-59	-59	-34	-46	10	23	18	29	45
	Mean	-134	-142	-129	-105	-93	24	72	60	55	53
	Tot.P	1.53		1.57	1.61	2.30					
10 03	00	-7	-3	14	14	11	-9	-24	-5	-2	-9
	06	13	10	24	25	8	2	0	-4	17	3
	12	65	63	72	59	55	-6	9	30	10	12
	18	24	24	24	9	-5	-2	0	4	-3	0
	Mean	24	24	34	27	17	-4	-4	6	6	2
	Tot.P	1.73		1.03	1.24	1.15					
10 04	00	52	39	26	24	19	9	29	49	43	42
	06	-55	-31	-20	-29	-34	20	51	56	49	44
	12	-22	-14	-4	-11	-9	8	23	37	35	29
	18	-75	-86	-79	-82	-87	27	60	99	64	40
	Mean	-25	-23	-19	-25	-28	16	41	60	48	39
	Tot.P	1.21		1.18							
10 05	00	0	9	15	-3	-3	0	-11	-19	3	3
	06	-27	-18	-11	-11	-12	27	43	35	47	45
	12	0	27	27	22	-6	0	15	13	8	-3
	18	0	0	0	0	0	0	0	0	0	0
	Mean	-7	5	8	2	-5	7	12	7	15	11
	Tot.P	1.08		0.99	1.60	1.26					

		North Component cm/s					East Component cm/s				
		Total Phosphorus µgat/l									
Date	Hour	0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
10 06	00	48	64	62	56	55	-4	-7	-11	-9	-4
	06	53	51	45	38	38	-19	-6	-17	-13	-9
	12	72	78	56	55	63	-26	-22	-57	-37	-12
	18	72	82	80	71	64	-34	-16	-5	-21	-27
	Mean	61	69	61	55	55	-21	-13	-23	-20	-13
	Tot.P	1.24		1.21	1.19	1.18					
10 07	00	87	96	90	58	77	-41	-75	-56	-68	-47
	06	91	121	108	55	38	-64	-56	-56	-80	-83
	12	59	39	24	18	6	-27	-29	-20	-9	-1
	18	52	53	57	42	45	-30	-16	-14	-19	-15
	Mean	72	77	70	43	42	-41	-44	-37	-44	-37
	Tot.P	1.26		1.28	1.19	1.21					
10 08	00	51	48	49	30	8	-14	12	21	-4	-6
	06	36	29	34	26	28	-10	5	15	12	13
	12	0	-32	-27	-26	-31	0	-6	-3	5	4
	18	12	24	-30	-37	-47	-8	-6	-2	3	0
	Mean	25	17	7	-2	-11	-8	1	8	4	3
	Tot.P	1.19		1.10	1.14	1.01					
10 09	00	0	0	-24	-26	-21	0	0	-13	-4	-27
	06	34	30	37	33	25	-6	1	14	14	-1
	12	21	24	21	-11	-27	-6	6	12	-2	-7
	18	33	31	35	-6	-6	-15	10	13	-2	-2
	Mean	22	21	17	-3	-7	-7	4	7	2	-9
	Tot.P	1.07		1.19	1.15	1.22					
10 10	00	0	0	-23	-37	-36	0	0	-8	3	2
	06	-18	-27	-30	-37	-33	-13	-2	-3	-12	-14
	12	-35	-37	-48	-38	-34	3	6	-5	-6	-8
	18	31	29	13	-4	-4	-8	-14	-6	2	2
	Mean	-6	-9	-22	-29	-27	-5	-3	-6	-3	-5
	Tot.P	1.36		1.01	1.04	1.10					

		North Component cm/s					East Component cm/s				
		Total Phosphorus µgat/l									
Date	Hour	0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
10 11	00	23	163	-11	18	16	-19	11	-5	-1	-8
	06	31	11	3	-1	11	-5	-22	-24	-14	-21
	12	0	-18	-13	-8	-9	0	4	6	5	2
	18	28	22	14	14	2	-23	-36	-29	-28	-22
	Mean	21	45	-2	6	5	-12	-11	-13	-10	-12
	Tot.P	0.98		1.00	0.94	0.99					
10 12	00	30	16	8	19	19	3	34	31	18	12
	06	32	46	36	43	41	-12	-18	-33	-24	-21
	12	43	49	41	34	27	-16	-7	-5	-10	-14
	18	71	89	68	35	42	-41	-32	-41	-36	-25
	Mean	44	50	38	33	32	-17	-6	-12	-13	-12
	Tot.P	0.78		0.81	0.83	0.80					
10 13	00	42	46	34	27	24	-15	-11	-15	-10	-6
	06	55	46	54	52	43	-25	-39	-25	-17	-24
	12	45	50	50	53	45	-26	-9	-7	-9	-6
	18	59	59	56	57	48	-22	-9	-8	-2	-8
	Mean	50	50	49	47	40	-22	-17	-14	-10	-11
	Tot.P	1.34		0.98	1.09	1.09					
10 14	00	37	31	35	27	22	-6	8	11	16	14
	06	36	37	35	36	35	0	8	13	1	5
	12	28	29	28	29	28	-8	8	9	14	14
	18	47	49	48	48	49	-8	5	4	18	11
	Mean	37	37	37	35	34	-6	7	9	12	11
	Tot.P	0.87		0.90							
10 15	00	28	31	28	21	9	-5	8	10	10	9
	06	40	42	48	39	34	-11	-5	3	7	14
	12	29	32	20	20	18	-5	5	25	24	22
	18	31	27	29	24	6	0	19	14	11	-5
	Mean	32	33	31	26	17	-5	7	13	13	10
	Tot.P	1.15		0.91	0.89	0.91					

North Component cm/s

East Component cm/s

Total Phosphorus µgat/l

Date	Hour	North Component cm/s					East Component cm/s				
		0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
10 16	00	0	0	0	0	0	0	0	0	0	0
	06	33	14	22	9	17	-6	3	10	0	-6
	12	28	27	23	23	20	5	26	14	22	17
	18	27	27	24	9	-5	2	-2	0	2	0
	Mean	22	17	17	10	8	0	7	6	6	3
	Tot.P	0.91		0.89	0.90	0.81					
10 17	00	19	10	10	-2	-2	0	-2	-3	1	1
	06	0	0	-29	-31	-46	0	0	-8	9	13
	12	25	24	-3	-3	-27	-9	-5	1	1	7
	18	15	0	0	0	-24	-5	0	0	0	-1
	Mean	15	9	-6	-9	-25	-4	-2	-3	3	5
	Tot.P	0.78		0.78	0.82	0.83					
10 18	00	28	37	21	20	20	-10	3	-17	-18	-12
	06	0	0	-29	-32	-38	0	0	8	3	9
	12	30	31	14	-4	-4	-21	-21	-29	5	5
	18	0	0	0	0	0	0	0	0	0	0
	Mean	15	17	2	-4	-6	-8	-5	-10	-3	1
	Tot.P	0.79		0.85	0.75	0.48					
10 19	00	68	45	58	57	62	-12	-39	-10	-7	10
	06	31	35	26	23	-7	-5	-13	-27	-11	5
	12	77	81	78	86	79	-28	-17	-20	-4	12
	18	50	55	54	53	52	-13	-32	-29	-23	-16
	Mean	57	54	54	55	47	-15	-25	-22	-11	3
	Tot.P	0.60		0.54	0.61	0.77					
10 20	00	81	116	102	94	78	-14	-10	16	-5	11
	06	0	5	14	7	-2	0	-9	-24	-20	5
	12	44	50	48	37	20	-12	-24	-21	-15	-5
	18	0	17	19	-4	-3	0	18	15	-3	-3
	Mean	31	47	46	34	23	-7	-6	-4	-11	2
	Tot.P	0.58		0.66	0.52	0.87					

Date	Hour	North Component cm/s					East Component cm/s				
		0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
Total Phosphorus $\mu\text{gat/l}$											
10 21	00	38	35	28	20	7	7	14	40	35	44
	06	0	0	0	0	0	0	0	0	0	0
	12	-19	0	-22	-25	-25	-11	0	11	9	19
	18	0	0	0	0	-19	0	0	0	0	9
	Mean	5	9	2	-1	-9	-1	4	13	11	18
	Tot.P	0.62		0.73	0.77	1.14					
10 22	00	26	18	17	-3	-3	-7	-24	-24	5	5
	06	30	36	27	25	23	8	10	25	30	20
	12	21	17	10	10	-3	4	18	15	10	-3
	18	22	32	36	28	21	2	3	22	14	13
	Mean	25	26	23	15	10	2	2	10	15	9
	Tot.P	0.75		0.79	0.70	1.14					
10 23	00	47	49	36	33	22	4	-7	-8	15	3
	06	65	79	66	72	70	-11	-27	-39	-21	7
	12	78	72	68	54	56	-7	-49	-49	-55	-45
	18	89	92	105	102	97	-8	-21	-8	-30	-3
	Mean	70	73	69	26	61	-6	-26	-26	-23	-10
	Tot.P	1.51		1.06	0.73	0.88					
10 24	00	93	101	97	89	70	-16	-14	-8	8	7
	06	93	98	96	93	94	0	30	16	55	27
	12	55	35	57	27	22	0	24	45	40	52
	18	22	14	0	-1	-1	8	5	24	-4	-4
	Mean	66	62	63	52	46	-2	11	19	25	21
	Tot.P	0.92		0.90	0.74	0.95					
10 25	00	-71	-92	-87	-93	-91	26	43	-3	60	40
	06	-65	-62	-52	-55	-44	11	36	32	48	41
	12	-72	-71	-81	-88	-83	26	44	43	26	16
	18	-52	-58	-40	-20	-26	24	16	44	54	62
	Mean	-65	-71	-65	-64	-61	22	35	29	47	40
	Tot.P	0.79		0.85	0.76	1.19					

Date	Hour	North Component cm/s					East Component cm/s				
		0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
		Total Phosphorus µgat/l									
10 26	00	-39	12	29	35	42	27	59	52	58	51
	06	-59	-44	-54	-23	17	34	33	44	75	64
	12	-149					26				
	18	-133	-147	-155	-115		62	111	107	90	
	Mean	-95	-60	-60	-34	30	37	68	68	74	58
	Tot.P	0.89		0.76	0.82	0.80					
10 27	00	-134	-126	-139			36	98	96		
	06	-79	-77	-70	-44	-46	45	71	105	95	89
	12	-77	-48	-83	-27	-10	45	68	82	103	86
	18	-64	-43	-44	-31	-20	54	92	65	66	65
	Mean	-89	-74	-84	-34	-25	45	82	87	88	80
	Tot.P	0.88		1.02	0.76	1.04					
10 28	00	-159	-159	-169			28	8	9		
	06	-76	-82	-87	-81	-85	13	14	9	1	15
	12	-62	-83	-79	-66	-62	11	9	13	34	30
	18	20	34	33	-7	-17	17	16	16	26	27
	Mean	-69	-73	-76	-51	-55	17	12	12	20	24
	Tot.P	0.94		0.80	0.84	0.86					
10 29	00	-14	23	21	-4	37	17	8	13	-2	4
	06	-109	-69	-81	-85	-34	40	114	91	98	103
	12	-138	-118	-149	-127		50	107	124	78	
	18	-127	-128	-134			74	132	95		
	Mean	-97	-73	-86	-72	1	45	90	81	58	54
	Tot.P	0.67		0.67	0.60	0.75					
10 30	00	-147	-174	-149			53	113	106		
	06	-147	-153	-136			53	103	92		
	12	-131	-158	-162	-150		35	19	50	54	
	18	-69	-88	-76	-94	-115	18	82	85	44	8
	Mean	-124	-143	-131	-122	-115	40	79	83	49	8
	Tot.P	1.13		1.10	1.17	1.35					

Halsskov Rev

1969 10 31

North Component cm/s East Component
Phosphorus $\mu\text{gat}/\text{l}$

Date	Hour	0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
10 31	00	-89	-130	-111	-105	-76	24	30	100	59	65
	06	-34	25	27	23	30	16	5	27	26	26
	12	-24	33	35	23	30	11	7	7	34	24
	18	-54	-27	-22	-35	-35	31	79	77	106	52
	Mean	-50	-25	-18	-24	-13	21	30	53	27	42
	Tot.P	0.84		0.99	1.00	1.05					

Monthly Means

Tot.P	1.02	0.96	0.95	1.04
-------	------	------	------	------

Halsskov Rev 1969 11 01 - 1969 11 05

North Component cm/s East Component cm/s

Total Phosphorus $\mu\text{g}/\text{l}$

Date	Hour	0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
11 01	00	-98	-61	-60	-60	-84	36	81	120	102	67
	06	-102	-155	-139	-139	-106	37	36	35	35	106
	12	-35	15	-5	-4	18	13	41	-14	-12	102
	18	-46	-7	13	-11	-12	17	104	96	81	132
	Mean	-70	-52	-48	-54	-46	26	66	59	52	102
	Tot.P	0.95		0.92	1.00	2.24					
11 02	00	-139	-147	-171	-132	-107	0	111	81	63	51
	06	-109	-146	-143	-142	-118	0	28	28	28	-19
	12	-82	-130	-141	-120	-128	0	30	-52	-10	-12
	18	30	42	28	7	29	-3	7	24	-3	-2
	Mean	-75	-95	-107	-97	-81	-1	44	20	20	5
	Tot.P	0.62		0.47	0.30	0.74					
11 03	00	71	65	59	61	64	0	122	116	98	57
	06	-8	19	19	64	33	17	16	15	52	5
	12	-39	-39	-29	-43	-41	14	45	57	66	63
	18	-117	-173	-136	-151	-111	43	63	132	15	45
	Mean	-23	-32	-21	-17	-14	19	62	80	58	43
	Tot.P	0.79		0.55	0.87	0.48					
11 04	00	-81	-127	-104	-87	-123	0	39	32	27	0
	06	-66	-102	-94	-92	-72	0	25	23	23	37
	12	-23	-35	-29	-28	-47	-9	-12	-23	-23	-7
	18	-37	-49	6	-3	-4	0	-6	48	48	58
	Mean	-52	-78	-55	-53	-62	-2	12	20	19	22
	Tot.P	0.71		0.63	0.53	0.67					
11 05	00	0	3	15	3	6	0	14	-1	14	29
	06	-31	-6	14	12	18	18	49	46	45	65
	12	-72	-85	-64	-84	-68	0	33	-24	-25	15
	18	-36	-69	-65	-65	-72	-13	21	24	6	7
	Mean	-35	-39	-25	-34	-29	1	29	11	10	29
	Tot.P	0.80		0.48	0.56	0.75					

Date	Hour	North Component cm/s					East Component cm/s				
		0m	2.5 m	5m	10m	15m	0m	2.5m	5m	10m	15m
Total Phosphorus µgat/l											
11 06	00	31	37	42	36	46	-5	-1	43	39	49
	06	26	34	28	28	28	18	16	40	38	36
	12	42	58	62	73	58	0	16	44	26	27
	18	52	133	118	96	92	0	36	54	64	48
	Mean	38	66	63	58	56	3	17	45	42	40
	Tot.P	0.39		0.40	0.68	0.51					
11 07	00	50	63	39	40	60	0	4	59	41	44
	06	40	46	38	1	56	0	18	46	47	37
	12	23	19	31	31	17	6	-16	-37	-36	-50
	18	0	0	0	16	-43	0	0	0	34	42
	Mean	28	32	27	22	23	2	2	17	22	18
	Tot.P	0.77		0.89	1.01	0.97					
11 08	00	62	67	79	69	81	-11	-49	-15	-28	-35
	06	72	83	135	119	107	0	7	12	10	9
	12	61	82	110	99	-150	-3	14	41	37	-61
	18	28	37	-7	-7	5	0	18	-3	-3	-25
	Mean	56	67	79	70	11	-4	-3	9	4	-28
	Tot.P	1.17		1.46	1.56	1.54					
11 09	00	26	40	63	79	70	5	-12	-3	-4	-22
	06	29	50	31	29	-15	0	39	24	23	-12
	12	0	-22	-22	4	4	0	-11	-11	2	2
	18	0	0	16	18	18	0	0	46	67	64
	Mean	14	17	22	33	19	1	4	14	22	8
	Tot.P	1.02		0.89	0.81	0.95					
11 10	00	33	47	32	-7	-7	0	14	18	-3	-3
	06	10	0	-26	-16	-35	0	0	-27	-18	10
	12	0	20	31	-5	-5	0	14	21	-4	-4
	18	-125	-172	-140	-109	-64	0	116	118	92	99
	Mean	-21	-26	-26	-32	-28	0	36	33	17	23
	Tot.P	0.91		0.92	1.15	0.94					

Date	Hour	North Component cm/s					East Component cm/s				
		0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
Total Phosphorus $\mu\text{gat/l}$											
11 11	00	-81	-99	-116	-94	-100	14	89	93	75	80
	06	-28	17	21	27	-77	10	46	55	63	12
	12	-73	-77	-71	-103	-84	13	71	66	96	78
	18	0	15	-2	-2	-32	0	-1	0	0	-3
	Mean	-46	-36	-42	-43	-73	9	51	54	59	42
	Tot.P	0.96		1.14	0.89	1.07					
11 12	00	16	14	18	-3	-20	6	-6	-4	1	-14
	06	63	74	72	60	67	0	34	34	28	31
	12	-12	37	50	44	53	-34	4	24	18	21
	18	33	37	42	36	54	0	5	36	30	19
	Mean	25	41	46	34	39	-7	9	23	19	14
	Tot.P	0.97		1.04	1.14	0.90					
11 13	00	-40					7				
	06	-40					7				
	12	-58					10				
	18	47					0				
	Mean	-23					6				
	Tot.P	0.80		0.81	0.85	0.90					
11 14	00	0	0	0	0	0	0	0	0	0	0
	06	14	24	24	-5	-5	0	3	3	-1	-1
	12	39	45	44	23	31	-14	-19	-19	-27	-35
	18	82	77	117	105	77	-14	-33	14	2	1
	Mean	34	37	46	31	26	-7	-12	-1	-7	-9
	Tot.P	0.75		0.79	0.76	0.79					
11 15	00	57	63	81	75	69	0	-4	9	8	12
	06	33	42	36	30	21	0	-2	-10	-8	-6
	12	62	88	97	74	71	-23	-51	-13	-2	-2
	18	72	101	90	83	120	-13	-14	-7	-2	14
	Mean	56	74	76	66	70	-9	-18	-5	-1	3
	Tot.P	0.88		0.85	0.82	0.91					

Date	Hour	North Component cm/s					East Component cm/s				
		0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
		Total Phosphorus $\mu\text{g}/\text{l}$									
11 16	00	89	133	144	129	144	0	-12	36	24	48
	06	87	133	130	144	88	32	0	75	73	46
	12	86	104	120	117	96	0	9	39	63	52
	18	-10	24	49	54	57	2	1	2	2	2
	Mean	63	99	111	111	96	9	-1	38	41	37
	Tot.P	1.07		1.08	1.18	0.84					
11 17	00	40	37	24	-6	-5	-7	-2	-1	0	0
	06	30	37	60	22	69	0	0	2	-4	4
	12	61	102	129	114	102	0	9	36	31	28
	18	30	37	59	46	66	0	7	10	8	12
	Mean	40	53	68	44	58	-2	4	12	9	11
	Tot.P	0.75		0.74	0.95	0.78					
11 18	00	63	102	126	88	91	0	5	2	23	28
	06	-28	-29	-5	-3	-14	16	57	70	48	44
	12	-30	-5	4	3	-9	17	60	48	58	66
	18	-51	64	67	31	53	29	54	73	40	43
	Mean	-12	33	48	30	30	16	44	48	42	45
	Tot.P	0.80		0.90	0.82	0.85					
11 19	00	13	0	-32	-42	-30	0	0	7	24	20
	06	-119	-150	-135	-89	-103	0	50	49	119	87
	12	-81	-56	-34	-41	-2	14	102	101	119	105
	18	-67	-80	-69	-13	-15	24	106	100	121	111
	Mean	-64	-72	-68	-46	-38	10	65	64	96	81
	Tot.P	0.81		0.84		1.21					
11 20	00	-67	-52	-6	-5	2	24	91	127	104	48
	06	-77	-48	-57	-28	16	28	93	112	119	84
	12	-63	-40	-24	-22	-23	23	86	95	94	97
	18	-71	-46	-33	-30	-32	41	91	111	100	108
	Mean	-70	-47	-30	-21	-9	29	90	111	104	84
	Tot.P	0.89		0.79	0.76	0.79					

Date	Hour	North Component cm/s					East Component cm/s				
		0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
Total Phosphorus µgat/l											
11 21	00	-73	-59	-59	-76	-45	27	84	78	100	59
	06	-59	-68	-72	-89	-80	22	48	68	63	57
	12	-11	23	23	37	41	4	-9	-9	-31	-35
	18	0	14	31	33	12	0	-5	-11	-16	-35
	Mean	-36	-23	-19	-24	-18	13	30	31	29	12
	Tot.P	0.76		0.70	0.85	0.83					
11 22	00	-14	-3	-5	-3	-2	-8	-24	-29	-24	-13
	06	47	33	22	10	21	-17	-50	-50	-45	-47
	12	51	41	45	62	64	-19	-49	-53	-27	-14
	18	95	123	112	93	78	-17	-52	-47	-39	-33
	Mean	45	49	44	41	40	-15	-44	-45	-34	-27
	Tot.P	0.99		0.70	0.67	0.65					
11 23	00	65	71	69	68	44	-24	-43	-41	-30	-19
	06	98	129	118	115	95	-17	-32	-29	-29	-24
	12	79	83	99	80	82	-14	-4	-5	-22	-66
	18	61	102	84	68	82	-11	9	50	16	20
	Mean	76	96	93	83	76	-17	-18	-6	-16	-22
	Tot.P	0.78		0.98	0.83	0.81					
11 24	00	-13	-6	11	13	-30	0	24	22	20	22
	06	33	49	42	36	26	-6	-7	-36	-30	-23
	12	31	50	39	33	32	-11	-24	-39	-33	-32
	18	94	137	126	103	95	-34	-58	-48	-39	-44
	Mean	36	58	55	46	31	-13	-16	-25	-21	-19
	Tot.P	0.81		0.86	0.76	0.85					
11 25	00	94	120	109	92	87	-34	-58	-53	-75	-69
	06	100	122	96	96	83	-18	-54	-75	-70	-52
	12	71	75	85	56	67	-41	-70	-79	-74	-40
	18	90	51	42	52	19	-52	-109	-125	-84	-68
	Mean	89	92	83	74	64	-36	-73	-83	-76	-57
	Tot.P	0.66		0.72	0.89	0.87					

Date	Hour	North Component cm/s					East Component cm/s				
		0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
		Total Phosphorus µgat/l									
11 26	00	23	-23	22	-37	-45	-19	-43	-43	-31	-16
	06	84	109	85	68	57	-31	-102	-119	-96	-80
	12	48	34	5	5	20	-28	-62	-80	-77	-71
	18	72	67	63	47	12	-42	-121	-114	-85	-89
	Mean	57	47	44	21	11	-30	-82	-89	-72	-64
	Tot.P	0.89		0.86	0.87	0.81					
11 27	00	49	61	38	24	22	-9	19	64	51	49
	06	72	72	58	49	45	13	42	71	68	63
	12	91	68	72	79	43	16	48	68	74	41
	18	58	58	99	96	36	10	26	65	45	-6
	Mean	68	65	67	62	37	8	34	67	60	37
	Tot.P	0.82		0.79	0.86	0.87					
11 28	00	-62	-68	-58	-56	-43	11	44	55	52	60
	06	-81	-107	-101	-90	-69	14	55	54	48	63
	12	-78	-79	-87	-87	-72	0	-26	-28	-28	-24
	18	5	-36	-31	-23	-23	-9	11	9	-4	-4
	Mean	-54	-73	-69	-64	-52	4	34	23	17	24
	Tot.P	0.81		1.06	1.26	1.23					
11 29	00	41	35	37	36	48	7	14	32	46	48
	06	16	-37	-36	-33	-32	-9	-6	7	15	14
	12	-103	-125	-114	-126	-97	18	46	42	29	99
	18	-50	-61	-71	-66	-47	9	35	26	10	44
	Mean	-24	-47	-46	-47	-32	6	22	27	25	51
	Tot.P	0.88		0.95	0.97	0.96					
11 30	00	-47	-65	-45	-39	-63	8	28	16	24	23
	06	-52	-74	-76	-66	-53	0	23	23	2	1
	12	5	21	37	23	-3	-4	12	6	4	24
	18	17	-13	-29	-28	-16	-3	6	23	52	30
	Mean	-19	-33	-28	-28	-34	0	17	17	21	20
	Tot.P	0.91		0.92	0.94	0.89					
Monthly Means											
	Tot.P	0.84		0.84	0.88	0.92					

Date	Hour	North Component cm/s					East Component cm/s				
		0m	2.5m	5m	10m	15	0m	2.5m	5m	10m	15m
Total Phosphorus $\mu\text{g}/\text{l}$											
12 06	00										
	06										
	12										
	18										
	Mean										
	Tot.P										
12 07	00										
	06										
	12										
	18	100	132	120	91	82	9	-19	-17	-46	-21
	Mean										
	Tot.P										
12 08	00	73	104	126	70	60	-6	13	1	5	10
	06	114	146	125	101	97	0	65	72	58	16
	12	52	7	12	12	-24	30	41	62	58	51
	18	-23	-25	-23	-44	-30	0	28	7	20	18
	Mean	54	58	60	35	26	6	37	36	35	24
	Tot.P										
12 09	00	-36	-32	-9	-10	-31	-21	-37	-48	-46	-48
	06	44	49	37	48	22	8	0	0	5	4
	12	54	59	59	57	61	5	11	37	36	24
	18	62	70	68	76	68	5	12	12	16	31
	Mean	31	37	39	43	30	-1	-4	0	3	-3
	Tot.P										
12 10	00	45	43	35	48	21	0	23	10	1	-1
	06	53	58	80	76	52	5	-16	5	-14	-4
	12	52	46	34	26	35	9	18	13	2	4
	18	52	68	55	67	53	0	-21	-20	-12	-39
	Mean	51	54	51	54	40	4	1	2	-6	-10
	Tot.P										

Date	Hour	North Component cm/s					East Component cm/s				
		0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
		Total Phosphorus $\mu\text{g}/\text{l}$									
12 11	00	38	12	36	23	13	-7	-21	-9	-5	-19
	06	75	81	80	76	73	0	1	0	4	11
	12	49	56	51	42	20	-4	-22	-20	-19	-27
	18	76	77	78	69	72	0	-26	15	34	-16
	Mean	60	57	61	53	45	-3	-17	-4	4	-13
	Tot.P										
12 12	00	29	32	32	22	-7	-8	-20	-18	-5	4
	06	58	66	63	67	51	-5	-24	-29	-6	-18
	12	38	36	26	28	17	0	-12	-26	-8	-15
	18	98	136	126	112	79	-17	-22	-32	-29	-33
	Mean	56	68	62	57	35	-75	-20	-26	-12	-16
	Tot.P										
12 13	00	75	81	78	93	85	-7	-17	-17	-5	-12
	06	88	100	110	107	66	0	-21	-34	-59	-27
	12	79	118	85	66	80	-7	-23	-44	-17	-23
	18	91	110	101	78	95	-8	-49	-52	-31	-17
	Mean	83	102	94	86	82	-6	-28	-37	-28	-20
	Tot.P										
12 14	00	77	101	58	73	68	-7	-12	-6	-18	-60
	06	78	95	78	82	95	-14	-37	-59	-36	-33
	12	111	131	127	97	66	-10	-43	-28	-5	-23
	18	85	98	111	94	63	-15	-30	-34	-45	-42
	Mean	88	106	94	87	73	-12	-31	-32	-26	-40
	Tot.P										
12 15	00	89	109	108	89	102	-8	-51	-36	-51	-45
	06	67	98	78	51	39	-24	-69	-83	-90	-64
	12	112	119	99	147	109	-30	-60	-70	-54	-62
	18	82	78	86	89	55	-14	-30	-49	-62	-46
	Mean	88	101	93	94	76	-19	-53	-60	-64	-54

Date	Hour	North Component cm/s					East Component cm/s				
		0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
Total Phosphorus $\mu\text{gat}/1$											
12 16	00	42	77	54	75	67	-7	-33	-59	-56	-53
	06	0	-23	-22	-21	5	0	-8	-10	-12	3
	12	70	58	61	49	54	-12	-60	-78	-76	-86
	18	0	23	32	31	35	0	10	20	-4	8
	Mean	28	34	31	34	40	-5	-23	-32	-37	-32
	Tot.P			0.71	0.85	0.80					
12 17	00	70	60	44	59	29	-12	-83	-107	-86	-70
	06	27	26	23	19	20	-5	-27	-29	-14	-11
	12	66	41	36	37	37	-6	-70	-71	-67	-63
	18	60	45	61	52	39	-5	-62	-51	-41	-16
	Mean	56	43	41	42	31	-7	-61	-65	-52	-40
	Tot.P	0.72		0.80	0.90	0.83					
12 18	00	69	62	55	49	54	-6	-56	-58	-56	-42
	06	47	44	47	53	61	-4	-41	-36	-43	-25
	12	71	72	78	46	59	-6	-42	-61	-54	-52
	18	51	8	16	-28	11	-4	-63	-59	-74	-72
	Mean	60	47	49	30	46	-5	-51	-54	-57	-48
	Tot.P	0.75		0.74	0.84	0.92					
12 19	00	64	49	56	43	17	-17	-89	-101	-50	-81
	06	70	64	38	48	14	-12	-79	-69	-55	-67
	12	71	84	75	85	46	0	-59	-62	-66	-64
	18	62	47	67	77	66	0	-43	-46	-54	-16
	Mean	67	61	59	63	36	-7	-68	-70	-56	-57
	Tot.P	1.05		1.10	0.96	0.84					
12 20	00	54	60	51	48	37	0	-37	-47	-29	-22
	06	61	49	56	41	42	-5	-65	-18	-39	-36
	12	36	30	39	21	31	-3	-22	-29	-29	-35
	18	70	75	67	50	43	-12	-26	-27	-24	-29
	Mean	55	54	53	40	38	-5	-38	-30	-30	-31
	Tot.P	0.97		0.69	0.73	0.81					

Date	Hour	North Component cm/s					East Component cm/s				
		0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
Total Phosphorus $\mu\text{gat/l}$											
12 21	00	22	18	23	16	2	13	17	29	33	23
	06	74	83	99	89	63	0	-4	4	16	6
	12	42	60	36	67	55	0	0	2	-17	-12
	18	63	114	92	86	76	0	-39	-24	-17	-27
	Mean	50	69	63	65	49	3	-7	3	4	3
	Tot.P	1.53		0.74	0.68	0.62					
12 22	00	57	81	75	81	88	-15	-17	-28	-46	-56
	06	95	127	118	126	102	-17	-41	-30	-30	-93
	12	82	130	116	94	112	-14	-28	-35	-37	-31
	18	77	98	118	116	123	-21	-36	-43	-65	-59
	Mean	78	109	107	104	106	-17	-31	-34	-45	-60
	Tot.P	1.16		1.52	1.56	1.24					
12 23	00	64	36	24	36	54	-17	-33	-42	-46	-17
	06	44	90	72	91	95	-8	-48	-31	-14	-40
	12	42	31	30	35	35	-2	-8	-11	-10	-6
	18	44	55	54	46	52	0	-11	-11	-9	-22
	Mean	49	53	45	52	59	-7	-25	-24	-20	-21
	Tot.P	0.95		0.86	0.86	1.01					
12 24	00	-44	-54	-68	-53	-47	0	-26	-17	-20	-29
	06	-12	-15	-4	18	12	-27	-20	-32	-32	-34
	12	-39	-25	-16	-5	-5	-14	-27	-46	-58	-52
	18	0	0	0	0	0	0	0	0	0	0
	Mean	-24	-24	-22	-10	-10	-10	-18	-24	-28	-29
	Tot.P	0.87		0.82	0.90	0.83					
12 25	00	-30	-20	-33	-35	-44	-3	-31	-35	-31	-36
	06	-26	4	19	18	17	-2	-24	-32	-32	-31
	12	-22	-18	-12	-12	-11	-4	-16	-35	-35	-34
	18	34	37	23	24	19	-9	-7	-29	-20	-12
	Mean	-11	1	-1	-1	-5	-5	-20	-33	-30	-28
	Tot.P	0.82		0.74	0.74	0.77					

Halsskov Rev. 1969 12 26 - 1969 12 30

Date	Hour	North Component cm/s					East Component cm/s				
		0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
		Total Phosphorus $\mu\text{g}/\text{l}$									
12 26	00	13	-6	-3	1	1	-23	-24	-24	5	5
	06	23	18	26	13	-5	-16	-21	-27	-20	6
	12	0	0	0	0	0	0	0	0	0	0
	18	46	48	59	31	27	-8	-8	-4	-16	-22
	Mean	21	15	21	11	6	-42	-13	-14	-8	-3
	Tot.P	0.74		0.84	0.74	0.90					
12 27	00	19	0	24	24	23	3	0	1	4	7
	06	20	0	0	0	-24	3	0	0	0	-6
	12	11	0	0	-37	-47	0	0	0	6	-12
	18	0	0	0	0	-24	0	0	0	0	-1
	Mean	13	0	6	-3	-18	2	0	0	3	-3
	Tot.P	0.71		0.77	0.78	1.05					
12 28	00	0	0	0	-18	-46	0	0	0	-17	-17
	06	-58	-63	-61	-77	-59	0	-6	-5	14	45
	12	-20	18	6	2	-20	0	-17	-70	-57	-52
	18	-43	-23	-30	-3	-36	-30	-43	-51	-47	-44
	Mean	-30	-17	-21	-24	-40	-8	-17	-32	-27	-17
	Tot.P	0.72		0.71	1.02	1.06					
12 29	00	0	0	19	30	-50	0	0	-32	-21	4
	06	-71	-82	-78	-70	-69	0	-13	-20	-26	0
	12	-57	-60	-58	-68	-51	-10	-21	-20	-39	-9
	18	-32	-9	34	40	36	-27	-83	-73	-85	-98
	Mean	-40	-38	-21	-17	-34	-9	-29	-36	-43	-26
	Tot.P	0.75		0.91	0.87	1.16					
12 30	00	23	-5	-15	-15	25	-9	-24	-19	-19	4
	06	33	-10	-21	3	24	-12	-36	-31	6	7
	12	46	17	11	16	15	-4	-58	-58	-43	-29
	18	59	57	78	73	36	-10	-29	-22	-17	-35
	Mean	40	15	13	19	25	-9	-37	-33	-18	-13
	Tot.P	1.01		0.92	1.20	1.15					

Date	Hour	North Component cm/s					East Component cm/s				
		Total Phosphorus µgat/l									
		0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
12 31	00	97	98	120	103	91	-17	-69	-55	-55	-52
	06	91	97	102	89	94	-16	-32	-55	-54	-17
	12	88	99	111	95	105	-16	-26	-32	-43	-42
	18	31	13	0	6	20	-8	-35	-37	-22	-30
	Mean	77	77	83	73	78	-14	-41	-45	-44	-35
	Tot.P	0.90		0.87	1.08	1.26					
Monthly Means											
	Tot.P	0.92		0.88	0.94	0.97					

Charlottenlund, d. 2.1.1976.

Dr. Arthur Svansson
Kungl. Fiskeristyrelsen
Göteborg-Sverige.

Hermed returnerer jeg materialet af strømmålinger fra Lappegrunden med et forord. Jeg mener, at både Vagn Olsen og jeg skal stå som forfattere, da Vagn Olsen har foretaget de fleste beregninger af strømmålingerne.

Der er foretaget en del rettelser af fejl, dels regnefejl i middeltal og dels regnefejl ved beregning af overfladestrøm. Disse rettelser bedes indføjet. Desuden bør observationerne fra 13. november udgå for dybderne 2,5 m til 15 m.

Undskyld den lange forsinkelse.

Godt Nytår.

Frede Hermann
Frede Hermann.

Halsskov Rev 1970 01 01 - 1970 01 05

		North Component cm/s					East Component cm/s				
		Total Phosphorus µgat/l									
Date	Hour	0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
01 01	00	46	45	37	41	54	-8	-19	-31	-23	-20
	06	0	0	0	0	16	0	0	0	0	-34
	12	0	0	0	0	-23	0	0	0	0	-7
	18	0	0	0	32	-23	0	0	0	19	-30
	Mean	12	11	9	18	6	-2	-5	-8	-1	-23
	Tot.P	1.07		0.96	1.00	1.10					
01 02	00	0	0	0	-37	-19	0	0	0	-5	-13
	06	-77	-77	-93	-88	-69	14	33	34	22	47
	12	-157	-184	-163	-127	-54	57	98	83	64	113
	18	-179	-195	-165	-128	-104	0	71	80	63	51
	Mean	-103	-114	-105	-95	-62	18	51	49	36	50
	Tot.P	0.91		0.92	1.04	1.30					
01 03	00	-103	-87	-89	-75	-102	18	101	83	106	88
	06	-128	-89	-67	-58	-8	32	161	121	145	139
	12	-59	-28	-39	-34	10	21	78	70	66	70
	18	-143	-154	-158	-142	-51	0	100	103	40	117
	Mean	-108	-90	-88	-77	-38		110	94	89	104
	Tot.P	1.17		0.96	0.96	1.07					
01 04	00	-77	9	10	-13	-13	28	102	115	103	112
	06	-84	-71	-54	-24	-27	31	118	118	113	101
	12	-112	-119	-116	-99	-80	41	90	88	107	86
	18	-172	-184	-162	-95	-55	0	98	86	110	109
	Mean	-111	-91	-81	-58	-44	25	102	102	108	102
	Tot.P	0.92		0.81	0.93	0.92					
01 05	00	-117	-125	-118	-92	-96	21	58	55	71	41
	06	-64	-67	-113	-87	-88	0	49	33	6	47
	12	-44	-49	-48	-41	-31	8	51	50	39	31
	18	0	0	-25	-30	-30	0	0	-34	-37	-26
	Mean	-56	-60	-76	-63	-61	7	40	26	20	23
	Tot.P	0.84		0.91	1.43	1.00					

Date	Hour	North Component cm/s					East Component cm/s				
		0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
		Total Phosphorus $\mu\text{g}/\text{l}$									
01 06	00	-97	-86	-95	-81	-92	17	40	24	38	41
	06	-18	-22	-7	1	2	6	30	36	13	-7
	12	-29	6	31	0	35	17	-37	-37	0	-47
	18	0	13	0	0	0	0	-7	0	0	0
	Mean	-36	-22	-18	-20	-14	10	7	6	13	-3
	Tot.P	0.87		1.00	1.13	0.96					
01 07	00	-63	-81	-80	-64	-68	23	-1	-1	44	28
	06	0	0	-26	-1	-1	0	0	27	37	36
	12	-68	-77	-80	-55	-34	12	33	3	38	38
	18	16	-22	-23	0	0	-9	-11	8	0	0
	Mean	-29	-45	-52	-30	-26	7	5	9	30	26
	Tot.P	0.97		0.89	1.24	1.01					
01 08	00	-50	-67	-68	-44	-43	0	-47	-15	-6	-6
	06	14	-6	-7	13	0	0	-13	-13	-7	3
	12	10	-22	-4	-21	-21	0	10	32	43	42
	18	62	54	34	53	51	-23	-45	-60	-41	-40
	Mean	9	-10	-11	0	-3	-6	-24	-14	-3	0
	Tot.P	0.93		0.98	1.06	0.93					
01 09	00	33	21	13	-3	-17	-28	-44	-20	6	19
	06	117	147	118	101	44	-43	-62	-82	-104	-58
	12	109	142	65	41	64	-40	-72	-119	-83	-46
	18	131	178	118	92	43	-48	-107	-142	-110	-74
	Mean	98	122	79	58	34	-40	-71	-91	-73	-40
	Tot.P	0.86		1.06	0.96	1.35					
01 10	00	104	147	118	82	50	-38	-62	-82	-122	-110
	06	145	180	148	86	24	-26	-104	-108	-117	-89
	12	115	123	84	103	68	-42	-52	-36	-75	-52
	18	112	56	147	76	134	-41	-22	-56	-60	-45
	Mean	119	127	124	87	69	-37	-60	-71	-94	-74
	Tot.P	1.17		1.20	1.21	0.86					

Date	Hour	North Component cm/s					East Component cm/s				
		0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
		Total Phosphorus $\mu\text{g}/\text{l}$									
01 11	00	10	4	5	13	-15	-8	-32	-24	21	20
	06	55	78	70	68	59	-15	-21	-38	-35	-21
	12	28	20	15	14	1	-16	-14	-19	-19	-29
	18	26	21	26	20	20	-10	-31	-27	-12	-11
	Mean	30	31	29	29	16	-12	-25	-27	-11	-10
	Tot.P	1.07		1.19	1.05	1.18					
01 12	00	20	18	5	-1	-6	-24	-38	-41	-36	-35
	06	44	27	25	13	31	-25	-26	-28	-19	-19
	12	41	21	25	16	5	-15	-56	-49	-31	-52
	18	30	24	24	36	14	-17	-43	-42	-30	-51
	Mean	34	23	20	16	11	-20	-41	-40	-29	-39
	Tot.P	1.30		0.95	0.96						
01 13	00	42	49	44	56	41	0	-34	-33	-14	-18
	06	9	7	7	0	0	-5	-23	-23	0	0
	12	23	24	24	14	-3	0	-2	-2	-1	-14
	18	0	12	11	11	15	0	-8	-22	-35	-33
	Mean	19	23	22	20	13	-1	-17	-20	-13	-16
	Tot.P	1.11		2.86	1.03	1.10					
01 14	00	31	36	35	23	0	0	-8	-13	-4	0
	06	0	0	0	0	0	0	0	0	0	0
	12	29	31	36	22	21	0	-20	-7	-8	-8
	18	0	0	0	35	48	0	0	0	13	-5
	Mean	15	17	18	20	17	0	-7	-5	0	-3
	Tot.P	0.94		0.97	0.87	1.78					
01 15	00	35	51	46	43	51	-6	-31	-37	-31	-24
	06	21	4	-10	-32	21	-18	-42	-36	-19	16
	12	78	86	82	63	43	-29	-56	-53	-63	-71
	18	18	-6	-7	-17	-26	-7	-37	-41	-45	-38
	Mean	38	34	28	14	22	-15	-42	-42	-40	-29
	Tot.P	0.78		0.88	1.09	1.12					

Date	Hour	North Component cm/s					East Component cm/s				
		0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
		Total Phosphorus µgat/l									
01 16	00	54	100	79	65	63	-31	-67	-82	-102	-89
	06	43	27	6	5	-20	-25	-101	-96	-82	-68
	12	78	120	83	98	52	-29	-58	-89	-101	-124
	18	59	44	68	20	44	-21	-95	-85	-90	-87
	Mean	59	73	59	47	35					
	Tot.P	0.86		0.87	1.08	0.88					
01 17	00	80	109	122	76	27	-29	-76	-85	-94	-102
	06	76	79	97	60	33	-28	-69	-81	-86	-104
	12	98	147	118	96	45	-17	-62	-82	-109	-114
	18	56	47	57	33	36	-10	-67	-56	-69	-64
	Mean	78	96	99	66	35	-27	-69	-76	-90	-96
	Tot.P	0.97		1.03	1.03						
01 18	00	60	111	106	-153	112	-22	-36	-65	47	-77
	06	64	107	98	100	122	0	-45	-42	-42	-6
	12	54	92	75	71	75	-9	-51	-61	-64	-66
	18	57	86	79	84	73	-21	-60	-55	-45	-69
	Mean	59	99	90	26	96	-13	-48	-56	-26	-55
	Tot.P	1.24		1.17	1.83	1.21					
01 19	00	-2	0	-8	-21	-11	-1	0	-23	-12	-8
	06	49	57	77	65	57	-9	-57	-20	-40	-27
	12	0	-8	-13	-14	-14	0	-13	-21	-19	-19
	18	41	52	42	39	53	-7	-19	-23	-26	-30
	Mean	22	25	25	17	21	-4	-22	-22	-24	-21
	Tot.P	1.04		1.14	1.17	1.18					
01 20	00	-36	-58	-64	-58	-53	0	-13	-27	-19	-11
	06	-4	-24	-24	0	-6	-10	1	1	-25	-36
	12	-60	-105	-97	-89	-141	0	0	0	-10	-14
	18	0	17	12	-3	-5	0	-33	-21	5	15
	Mean	-25	-26	-43	-38	-51	-3	-11	-12	-12	-12
	Tot.P	0.64		0.91	3.03	1.15					

North Component cm/s East Component cm/s
 Total Phosphorus µgat/l

Date	Hour	North Component cm/s					East Component cm/s				
		0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
01 21	00	-40	-80	-79	-75	-73	-11	-13	-10	-12	6
	06	0	-3	12	14	24	0	-14	-9	35	28
	12	-43	-63	-61	-59	-57	-16	-32	-52	-50	-27
	18	10	6	24	19	12	-2	-29	-18	-14	22
	Mean	-18	-35	-26	-25	-24	-7	-22	-22	-10	7
	Tot.P	0.97		0.73	0.91	0.96					
01 22	00	-37	-9	-8	-28	-27	-13	-70	-69	-61	-59
	06	18	25	35	7	16	-31	-21	-13	42	33
	12	-30	-19	13	5	5	-18	-27	-47	-54	-61
	18										
	Mean										
	Tot.P	0.83		1.07	0.79	1.95					
Monthly Means											
	Tot. P	0.98		1.07	1.17	1.10					

Date	Hour	North Component cm/s					East Component cm/s				
		0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
		Total Phosphorus $\mu\text{gat/l}$									
03 24	00	15	1	1	0	7	-12	-15	-15	3	-24
	06	47	34	33	21	12	-27	-25	-36	-34	-33
	12	40	17	-6	-2	7	23	-23	-29	-20	2
	18	52	42	30	36	9	-30	-42	-43	-36	-45
	Mean	39	24	15	14	9	-23	-26	-31	-22	-25
	Tot.P	0.45		0.29	0.24	0.28					
03 25	00	39	26	14	4	0	-14	-42	-34	-22	-12
	06	63	72	36	33	31	-53	-72	-83	-76	-70
	12	33	0	-37	-18	-20	6	-49	-31	-31	-8
	18	29	-18	-35	-18	-12	-24	-45	-61	-65	-75
	Mean	41	20	-6	0	0	-21	-52	-52	-49	-41
	Tot.P	0.15		0.17	0.21	0.24					
03 26	00	0	0	20	29	25	0	0	-14	-39	-25
	06	33	44	17	19	17	19	41	38	43	43
	12	24	36	-1	1	-3	24	33	24	23	-7
	18	38	28	50	26	31	7	40	64	20	21
	Mean	24	27	22	19	18	13	29	28	12	8
	Tot.P	0.24		0.34	0.16	0.20					
03 27	00	28	21	19	26	12	-5	12	45	24	-5
	06	-13	0	-9	-2	3	0	37	36	36	47
	12	-67	-47	-37	-37	-44	24	69	84	84	72
	18	-3	-31	37	-29	-50	-18	-8	7	-24	-25
	Mean	-14	-14	3	-11	-20	0	28	43	30	22
	Tot.P	0.27		0.24	0.18	0.25					
03 28	00	0	10	-2	3	-10	0	10	24	37	-37
	06	-81	-77	-68	-8	6	14	92	67	82	43
	12	-176	-188	-166	-147	-111	31	88	77	-16	36
	18	-115	-139	-137	-88	-160	20	77	43	-19	17
	Mean	-93	-99	-93	-60	-69	16	67	53	21	15
	Tot.P	0.55		0.44	0.50	0.92					

Date	Hour	North Component cm/s					East Component cm/s				
		0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
		Total Phosphorus µgat/l									
03 29	00	-98	-108	-132	-80	26	36	78	68	40	50
	06	-81	-127	-114	-82	-86	29	39	43	60	7
	12	-78	-75	-72	-47	-40	29	70	65	51	18
	18	-131	-141	-127	-110	-67	48	118	126	102	62
	Mean	-97	-113	-111	-80	-42	36	76	76	63	34
	Tot.P	0.58		0.67	0.66	0.58					
03 30	00	-67	-67	-76	-56	-50	24	50	64	71	39
	06	-78	-113	-90	-74	-52	21	41	33	47	63
	12	0	24	37	22	0	0	-6	-6	8	0
	18	-20	-3	6	13	8	17	30	23	5	22
	Mean	-41	-40	-31	-24	-24	16	29	29	33	31
	Tot.P	0.61		0.66	0.74	0.80					
03 31	00	0	32	24	-5	-5	0	4	-1	0	0
	06	14	0	-9	-12	-7	-17	0	-12	9	32
	12	68	80	75	33	36	-39	-14	-28	-45	-34
	18	46	47	30	15	-13	-26	-14	-22	-17	-20
	Mean	32	40	30	8	3	-21	-6	-16	-13	-6
	Tot.P	0.81		0.83	0.75	0.57					

Monthly Means

Tot.P	0.46	0.45	0.43	0.48
-------	------	------	------	------

Halsskov Rev

1970 04 01 - 1970 04 05

Date	Hour	North Component cm/s					East Component cm/s				
		0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
Total Phosphorus $\mu\text{gat/l}$											
04 01	00	0	99	76	73	79	0	26	20	-12	8
	06	75	69	58	46	28	13	19	18	14	-19
	12	0	104	125	101	103	0	13	15	26	29
	18	26	31	11	18	31	-7	-20	-35	-15	-18
	Mean	25	76	68	60	60	2	10	5	3	0
	Tot.P	0.71		0.79	0.71	0.50					
04 02	00	-47	-65	-52	-45	-37	8	29	46	8	55
	06	-82	-116	-105	-121	-78	0	33	45	12	45
	12	-38	-58	-54	-73	-51	0	15	44	27	15
	18	-49	-60	-58	-56	-55	9	-5	11	11	37
	Mean	-54	-75	-67	-74	-55	4	18	37	15	38
	Tot.P	0.75		0.67	0.69	0.82					
04 03	00	-52	-61	-72	-63	-60	0	19	39	41	37
	06	0	0	-18	-18	-14	0	0	17	17	34
	12	28	34	20	30	35	-13	-16	-14	-22	-32
	18	30	31	24	12	26	-26	-38	-28	-20	-25
	Mean	2	1	-12	-10	-3	-10	-9	4	4	4
	Tot.P	0.83		0.65	0.60	0.73					
04 04	00	0	0	0	-12	-12	0	0	0	-21	-21
	06	52	71	69	40	38	-19	-2	-5	-21	-22
	12	26	-17	-29	-24	-5	-26	-46	-39	-26	-21
	18	17	-48	-54	50	-48	-30	-9	-24	-11	6
	Mean	24	2	-4	14	-7	-19	-14	-17	-20	-15
	Tot.P	0.70		0.67	0.66	0.73					
04 05	00	0	0	0	0	0	0	0	0	0	0
	06	-106	-157	-143	-140	-84	9	-25	-8	43	24
	12	-85	-120	-114	-121	-106	0	-2	-6	3	21
	18	-24	-23	-18	-5	-8	24	43	32	36	46
	Mean	-54	-75	-69	-67	-50	8	4	5	21	23
	Tot.P	0.60		0.66	0.69	0.59					

North Component cm/s

East Component cm/s

Total Phosphorus $\mu\text{gat}/\text{o}$

Date	Hour	North Component cm/s					East Component cm/s				
		0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
		Total Phosphorus $\mu\text{gat}/\text{o}$									
04 06	00	-54	-58	-45	-53	-23	20	60	66	77	62
	06	15	16	0	0	0	27	19	0	0	0
	12	0	0	0	0	0	0	0	0	0	0
	18	49	57	58	51	54	-4	19	12	26	14
	Mean	3	4	3	-1	8	11	25	20	26	19
	Tot.P	0.66		0.76	0.68	0.70					
04 07	00	19	17	19	18	19	-5	-18	-32	-15	-13
	06	43	21	11	27	26	-43	-78	-79	-60	-69
	12	38	34	40	53	-11	-18	-35	-28	-24	7
	18	-66	84	79	71	78	6	59	57	54	26
	Mean	42	39	37	42	28	-15	-18	-21	-11	-12
	Tot.P	0.70		0.57	0.64	0.59					
04 08	00	0	24	24	28	22	0	43	42	22	0
	06	80	101	110	86	78	-11	-12	-35	0	-10
	12	44	59	59	46	45	-12	12	3	6	-2
	18	72	75	80	71	79	-26	-35	-59	-55	-64
	Mean	49	65	68	58	56	-12	2	-12	-7	-19
	Tot.P	0.66			0.57	0.61					
04 09	00	53	49	50	51	46	-19	-40	-36	-28	-29
	06	0	83	99	90	82	0	-9	-9	2	13
	12	42	47	44	43	41	-7	-14	-19	-18	-21
	18	0	56	52	53	52	0	44	47	57	38
	Mean	24	59	61	59	55	-7	-5	-4	3	0
	Tot.P	0.64		0.59	0.66	0.58					
04 10	00	40	45	23	35	29	-14	-54	-77	-68	-68
	06	42	12	-2	-49	4	-24	-62	-81	-82	-87
	12	0	0	0	-36	16	0	0	0	-11	34
	18	-73	-120	-113	-102	-73	-6	-6	-14	-11	-10
	Mean	2	-16	-23	-38	-6	-11	-31	-43	-43	-33
	Tot.P			0.63	0.63	0.62					

Date	Hour	North Component cm/s					East Component cm/s				
		0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
		Total Phosphorus $\mu\text{g}/\text{l}$									
04 11	00	-85	-115	-132	-97	-83	0	35	-2	-20	39
	06	-63	-96	-74	-68	-76	0	33	26	25	42
	12	-75	-96	-74	-110	-83	0	35	27	13	58
	18	-93	-95	-123	-120	-87	0	37	52	0	-7
	Mean	-79	-101	-101	-99	-82	0	35	26	5	33
	Tot.P	0.70		0.56	0.67	0.69					
04 12	00	-23	-35	-22	-37	-36	0	13	9	-2	-6
	06	-15	0	0	0	0	13	0	0	0	0
	12	44	49	46	57	67	-4	-6	-14	-12	-8
	18	0	0	0	0	0	0	0	0	0	0
	Mean	2	4	6	5	8	2	2	-1	-4	-4
	Tot.P	0.67		0.82	0.56	0.48					
04 13	00	55	71	62	66	64	-10	-1	-31	-11	-11
	06	41	24	24	16	16	-15	-29	-28	-16	-16
	12	65	55	58	65	68	-11	-23	40	43	-38
	18	33	36	10	-4	-25	-12	-8	-22	3	2
	Mean	49	47	39	36	31	-12	-15	-10	5	-16
	Tot.P	0.55		0.65	0.39	0.45					
04 14	00	49	34	26	25	26	-28	-74	-52	-51	-35
	06	28	24	24	-5	-4	-5	-6	-5	1	1
	12	65	71	75	72	62	-24	1	-29	-27	-41
	18	32	37	24	-6	-5	6	6	2	-1	-1
	Mean	44	42	37	22	20	-13	-18	-21	-20	-19
	Tot.P	0.44		0.45	0.51	0.42					
04 15	00	52	59	61	49	69	9	12	52	60	29
	06	38	44	45	44	30	-14	-21	-16	-17	-17
	12	68	83	86	94	107	12	0	50	54	47
	18	58	48	57	67	49	-5	9	17	14	45
	Mean	54	59	62	64	64	1	0	26	28	26
	Tot.P	0.56			0.41	0.27					

Date	Hour	North Component cm/s					East Component cm/s				
		0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
		Total Phosphorus $\mu\text{g}/\text{l}$									
04 16	00	51	57	70	57	47	0	-20	2	1	-30
	06	77	83	98	87	79	0	7	10	26	26
	12	85	102	97	89	82	-15	2	2	-6	-4
	18	71	61	59	55	53	0	18	18	17	10
	Mean	71	76	81	72	65	-4	2	8	10	1
	Tot.P	0.53		0.49	0.51	0.45					
04 17	00	0	0	0	0	0	0	0	0	0	0
	06	15	19	24	-4	-25	18	15	4	-2	-3
	12	0	0	-21	-34	-36	0	0	-13	-14	-2
	18	26	18	18	-3	14	15	16	16	-3	19
	Mean	10	9	5	-10	-12	8	8	2	-5	4
	Tot.P	0.46		0.31	0.38	0.30					
04 18	00	-7	0	8	24	47	-11	0	23	2	12
	06	0	0	36	47	45	0	0	-8	-11	-12
	12	0	0	0	-35	-36	0	0	0	12	4
	18	23	5	-19	-28	-23	23	24	15	24	28
	Mean	4	1	6	2	8	3	6	8	7	8
	Tot.P	0.56		0.64	0.55	0.57					
04 19	00	-10	0	0	0	0	0	0	0	0	0
	06	-10	-24	-23	49	47	0	-6	-9	7	11
	12	-32	0	25	-37	48	12	0	28	-8	36
	18	-15	12	17	9	41	26	35	17	22	26
	Mean	-17	-3	5	5	34	10	7	9	5	18
	Tot.P	0.56		0.62	0.56	0.63					
04 20	00	-44	-41	-35	-10	-15	12	27	33	46	44
	06	0	5	-1	-24	-21	0	24	-3	-2	-13
	12	-15	-24	-24	-5	-11	0	29	28	23	20
	18	0	0	0	0	0	0	0	0	0	0
	Mean	-15	-15	-15	-10	-12	3	20	15	17	13
	Tot.P	0.62		0.59	0.77	0.65					

Date	Hour	North Component cm/s					East Component cm/s				
		0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
		Total Phosphorus $\mu\text{g}/\text{l}$									
04 21	00	0	14	0	0	0	0	20	0	0	0
	06	45	43	43	21	21	8	23	21	43	27
	12	46	32	44	37	32	17	19	41	58	9
	18	93	100	116	102	75	0	21	5	22	11
	Mean	46	47	51	40	32	6	21	17	31	12
	Tot.P	0.56		0.59	0.24	0.29					
04 22	00	0	0	0	0	0	0	0	0	0	0
	06	-32	-5	18	26	36	12	37	32	26	3
	12	-89					0				
	18	15	23	32	-17	-48	-5	8	19	-19	-12
	Mean	-27	6	17	3	-4	2	15	17	2	-3
	Tot.P	0.39		0.25	0.31	0.42					
04 23	00	15	11	9	-2	-2	0	22	23	-4	-4
	06	66	76	97	57	41	6	34	66	66	-4
	12	15	22	-2	-2	-24	0	11	-1	-1	-5
	18	5	0	10	-2	-36	0	0	36	-6	-10
	Mean	25	27	29	13	-5	2	17	31	14	-6
	Tot.P	0.28		0.28	0.29	0.33					
04 24	00	-27	3	10	14	24	16	37	36	46	40
	06	0	0	0	0	0	0	0	0	0	0
	12	-89	-86	-77	-106	-70	0	84	84	59	56
	18	-85	-63	-66	-58	-57	15	80	72	67	59
	Mean	-50	-37	-33	-38	-26	8	50	48	43	39
	Tot.P	0.39		0.45	0.44	0.62					
04 25	00	-91	-107	-102	-83	-32	16	55	52	89	88
	06	0	0	0	-22	3	0	0	0	-10	2
	12	41	22	18	-4	-4	-15	-10	-17	3	3
	18	49	60	36	-9	-9	-18	-1	-7	1	1
	Mean	0	-6	-12	-30	-11	-4	11	7	21	24
	Tot.P	0.44		0.45	0.71	0.72					

Date	Hour	North Component cm/s					East Component cm/s				
		0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
		Total Phosphorus $\mu\text{g}/\text{l}$									
04 26	00	54	58	45	37	-11	9	16	16	29	-5
	06	51	49	48	46	-12	-9	-1	-4	-8	-1
	12	63	70	59	24	6	-11	11	1	-25	-21
	18	0	0	-23	-48	-58	0	0	-8	-8	-8
	Mean	42	44	32	15	-19	-3	7	1	-3	-9
	Tot.P	0.55		0.50	0.39	0.62					
04 27	00	0	0	-17	3	-47	0	0	-17	3	13
	06	0	0	-23	4	-24	0	0	9	-1	0
	12	29	41	35	9	22	5	44	32	34	41
	18	0	0	-24	-16	49	0	0	-4	-19	8
	Mean	7	10	-7	0	0	1	11	5	4	16
	Tot.P	0.58		0.58	0.66	0.82					
04 28	00	0	0	0	0	-10	0	0	0	0	-23
	06	-21	-18	-25	-7	-5	12	17	28	22	23
	12	0	0	0	13	-2	0	0	0	-21	3
	18	-56	-48	-32	-30	-28	20	90	92	84	55
	Mean	-19	-17	-14	-6	-11	8	27	30	21	15
	Tot.P	0.55		0.55	0.49	0.90					
04 29	00	60					0				
	06	10	0	-10	13	0	0	0	36	34	-8
	12	12	0	16	-3	-36	0	0	-18	3	-11
	18	0	0	0	-36	-58	0	0	0	10	12
	Mean	20	0	2	-9	-31	0	0	6	16	-2
	Tot.P	0.67		0.68	0.67	0.60					
04 30	00	-10	10	-9	1	12	0	36	36	-7	22
	06	-50	-47	-44	-63	-63	-4	-14	-20	-28	-21
	12	-10	0	0	1	2	0	0	-29	-37	-48
	18	0	0	0	-37	-23	0	0	0	-3	-8
	Mean	-17	-9	-13	-25	-18	-1	6	-3	-19	-14
	Tot.P	0.53		0.57	0.29	0.71					
Monthly Means											
	Tot.P	0.58		0.57	0.54	0.58					

Halsskov Rev

1970 05 01 - 1970 05 05

Date	Hour	North Component cm/s					East Component cm/s				
		0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
Total Phosphorus $\mu\text{gat/l}$											
05 01	00	-31	-37	-23	0	0	-8	-7	-7	0	0
	06	-4	0	0	0	0	-12	0	0	0	0
	12	60	78	71	60	45	10	24	36	47	44
	18	63	63	50	49	19	-23	-55	-63	-24	-15
	Mean	22	26	25	27	16	-8	-10	-9	6	7
	Tot.P	0.40		0.34	0.67	0.44					
05 02	00	50	70	69	55	16	-4	6	-4	-14	-6
	06	64	76	79	53	56	6	9	10	41	31
	12	89	111	111	76	30	-24	-47	-24	-35	-35
	18	102	133	126	111	82	-9	-36	-34	-30	-22
	Mean	76	98	96	74	46	-8	-17	-13	-10	-8
	Tot.P	0.26		0.51	0.34	0.28					
05 03	00	67	72	69	46	49	-24	-42	-40	-28	-15
	06	97	112	132	97	102	-32	-8	1	-20	-38
	12	63	65	73	47	40	-28	-30	-36	-59	-28
	18	80	67	64	59	58	-29	-67	-64	-59	-30
	Mean	77	79	85	62	62	-28	-37	-35	-42	-28
	Tot.P	0.45		0.53	0.48	0.46					
05 04	00	41	49	36	36	0	0	-4	-9	-2	0
	06	63	64	47	52	46	-23	-43	-59	-41	-28
	12	24	37	35	31	22	0	5	11	-2	-2
	18	63	78	80	74	71	0	-21	5	-18	10
	Mean	48	57	50	48	35	-6	-16	-13	-16	-5
	Tot.P	0.64		0.45	0.59	0.47					
05 05	00	54	60	49	58	36	10	-6	34	20	26
	06	94	109	113	114	71	0	0	19	14	17
	12	43	58	56	46	28	12	17	41	49	47
	18	109	136	130	111	92	19	-26	0	37	32
	Mean	75	91	87	82	57	10	-4	24	30	31
	Tot.P	0.40		0.46	0.42	0.48					

Date	Hour	North Component cm/s					East Component cm/s				
		0m	2.5m	5m	10m	15m	0m	2.5m	5m	10m	15m
Total Phosphorus $\mu\text{gat/l}$											
05 06	00	86	75	89	80	56	0	-37	-43	-22	-31
	06	120	112	108	97	80	-21	-73	-86	-77	-64
	12	97	121	111	83	72	-17	-67	-67	-50	-52
	18	154	169	143	126	76	-27	-72	-99	-86	-54
	Mean	114	119	113	97	71	-16	-62	-74	-59	-50
	Tot.P	0.39		0.45	0.45	0.55					
05 07	00	103	88	97	80	59	-18	-76	-78	-64	-63
	06	117	146	154	132	72	-21	-65	-69	-59	-81
	12	117	106	113	76	109	-21	-80	-79	-56	-58
	18	130	147	114	115	108	-23	-111	-78	-80	-75
	Mean	117	122	120	101	87	-21	-83	-76	-65	-69
	Tot.P	0.52		0.47	0.50	0.44					
05 08	00	120	112	102	89	84	-21	-73	-66	-48	-20
	06	139	158	143	116	108	0	-17	-6	5	-16
	12	109	95	111	87	96	-19	-44	-60	-56	-68
	18	103	76	68	5	45	-60	-109	-120	-97	-102
	Mean	118	110	106	74	83	-25	-61	-63	-49	-52
	Tot.P	0.55		0.45	0.62	0.71					
05 09	00	101	114	131	77	59	-27	-69	-44	-56	-55
	06	124	141	138	111	93	-33	-49	-47	-38	-32
	12	124	141	127	92	102	-33	-49	-72	-53	-15
	18	111	43	44	49	35	-64	-84	-87	-75	-75
	Mean	115	110	110	82	72	-39	-63	-62	-56	-44
	Tot.P	0.54		0.54	0.55	0.49					
05 10	00	83	53	65	59	49	-22	-87	-96	-62	-51
	06	83	84	77	66	62	-15	-59	-60	-47	-42
	12	97	109	110	81	115	-17	-51	-30	-22	-6
	18	46	41	33	42	1	-32	-44	-62	-52	-44
	Mean	77	72	71	62	57	-22	-60	-62	-46	-36
	Tot.P	0.50		0.45	0.53	0.43					

