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P.B. 1063
BLINDERN - OSLO

NITROGEN-og FOSFOR-OMSETNINGEN i
INDRE OSLOFJORD 1967 - 1968

Del III

av

Lars Föyn

Denne avhandling tilhører
Det mat. nat. fak. sekretariat
Blindern.

STASJON A, ELLE

13 . 3 . 1967 . KL. 1500

UNIVERSITETET I OSLO
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DYP	TEMPERATUR	SALTHOLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PRMILLE		MIKRO- MOL/LITER	PROSENT	PO4-P	NO3-N	NO2-N	NH4-N
						M I K R O G R A M A T O M			P R . L I T E R
0	2.65	25.89	20.68	333	92.98	.82	27.55	.18	6.2
5	2.60	26.07	20.83	328	91.58	.63	24.72	.13	3.5
10	2.79	27.50	21.95	313	88.67	1.00	24.16	.13	4.3
25	4.99	31.68	25.07	246	75.57	1.20	24.69	.11	4.0
45	5.23	32.42	25.63	255	79.16	1.00	23.53	.09	3.2
60	6.20	33.16	26.10	245	78.17	1.26	19.55	.05	2.6
80	7.03	33.96	26.62	233	76.16	1.34	20.03	.05	3.1

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	PO4-P MIKROGRAMATOM PR.LITER	SUM N	FOSFOR TIL NITROGEN
0	.82	33.93	1 41.38
5	.63	28.35	1 45.00
10	1.00	28.59	1 28.59
25	1.20	28.80	1 24.00
45	1.00	26.82	1 26.82
60	1.26	22.20	1 17.62
80	1.34	23.18	1 17.30

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON BHAOYA

13 . 3 . 1967 . KL.1400

DYP	TEMPERATUR	SALTHOLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PRC MILLE		MIKRO- MOL/LITER	PROSENT	P04-P	N03-N	N02-N	NH4-N
						M I K R O G R A M A T O M			P R . L I T E R
0	3.40	26.43	21.06	336	95.91	.83	24.63	.18	6.8
10	2.68	28.19	22.51	338	95.94	.64	19.42	.11	4.3
25	3.98	30.82	24.49	239	71.27	1.48	28.53	.11	5.1
40	6.88	32.88	25.79	163	52.72	1.55	30.55	.06	3.4
75	7.01	33.16	25.99	167	54.28	1.55	29.64	.04	2.6
120	7.02	33.18	26.01	173	56.25	1.55	27.20	.06	.9

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	P04-P MIKROGRAMATOM PR.LITER	SUM N	FOSFOR TIL NITROGEN	
0	.83	31.61	1	38.08
10	.64	23.83	1	37.23
25	1.48	33.74	1	22.80
40	1.55	34.01	1	21.94
75	1.55	32.28	1	20.83
120	1.55	28.16	1	18.17

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON C. STEILENE

13 . 3 . 1967 . KL. 1200

DYP	TEMPERATUR	SALTHOLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PRMILLE		MIKRO- MOL/LITER	PROSENT	P04-P M I K R O G R A M A T O M	N03-N M I K R O G R A M A T O M	N02-N M I K R O G R A M A T O M	NH4-N P R . L I T E R
0	3.37	24.75	19.73	363	102.36	1.34	49.66	.33	10.1
10	2.78	27.86	22.24	318	90.28	.88	21.06	.19	3.7
20	3.71	30.70	24.42	235	69.57	1.63	30.24	.12	5.1
30	6.45	32.27	25.36	138	44.02	1.84	35.05	.14	3.0
60	6.99	32.98	25.85	118	38.29	2.00	31.44	.03	2.7
80	7.06	33.09	25.93	138	44.88	1.84	29.60	.05	2.2
100	7.09	33.15	25.97	162	52.74	1.77	28.58	.07	2.5

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	P04-P MIKROGRAMATOM	SUM N PR. LITER	FOSFOR TIL NITROGEN
0	1.34	60.09	1 44.84
10	.88	24.95	1 28.35
20	1.63	35.46	1 21.75
30	1.84	38.19	1 20.76
60	2.00	34.17	1 17.08
80	1.84	31.85	1 17.31
100	1.77	31.15	1 17.60

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON D. LYSAKERFJORDEN

13 . 3 . 1967 . KL. 1100

DYP	TEMPERATUR	SALTHOLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PRMILLE		MIKRO- MOL/LITER	PROSENT	P04-P M I K R O G R A M A T O M	NO3-N	NO2-N	NH4-N P R . L I T E R
0	2.75	22.68	18.12	363	99.39	1.55	61.02	.63	13.4
10	2.64	28.13	22.46	318	90.14	.76	18.89	.14	4.2
20	3.38	30.61	24.38	236	69.27	1.77	32.36	.12	6.0
30	6.28	32.36	25.46	122	38.79	2.00	33.32	.12	2.9
40	6.71	32.72	25.69	102	32.83	2.00	31.51	.07	2.6
70	6.55	33.07	25.98	72	23.14	2.36	32.36	.12	.4

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	P04-P MIKROGRAMATOM PR. LITER	SUM N	FOSFOR TIL NITROGEN
0	1.55	75.05	1 48.42
10	.76	23.23	1 30.57
20	1.77	38.48	1 21.74
30	2.00	36.34	1 18.17
40	2.00	34.18	1 17.09
70	2.36	32.88	1 13.93

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON E, SVARTSKOG

13 . 3 . 1967 . KL. 1900

DYP	TEMPERATUR	SALTHCLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PERMILLE		MIKRO- MOL/LITER	PROSENT	PO4-P	NO3-N	NO2-N	NH4-N
						M I K R O G R A M A T O M P R . L I T E R			
0	2.55	25.99	20.77	384	107.03	1.15	37.04	.52	10.5
10	2.35	28.29	22.61	363	102.28	.85	13.27	.19	6.1
20	2.23	29.69	23.74	296	83.96	1.08	21.43	.19	6.0
25	6.12	31.98	25.18	120	37.92	2.08	37.79	.16	.5
40	6.84	32.81	25.74	95	30.69	2.33	34.34	.09	2.8
55	6.31	32.97	25.93	71	22.68	2.47	36.83	.05	2.5
70	6.17	33.43	26.31	62	19.80	2.84	34.43	.05	2.6
95	6.26	33.57	26.41	86	27.55	2.94	34.39	.07	.6

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	PO4-P MIKROGRAMATOM PR.LITER	SUM N	FOSFOR TIL NITROGEN
0	1.15	48.06	1 41.79
10	.85	19.56	1 23.01
20	1.08	27.62	1 25.57
25	2.08	38.45	1 18.49
40	2.33	37.23	1 15.98
55	2.47	39.38	1 15.94
70	2.84	37.08	1 13.06
95	2.94	35.06	1 11.93

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON A, ELLE

14 . 4 . 1967 . KL. 1900

DYP	TEMPERATUR	SALTHOLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PERMILLE		MIKRO- MOL/LITER	PROSENT	PO4-P	NO3-N	NO2-N	NH4-N
						M I K R O G R A M A T O M			P R . L I T E R
0	5.28	21.87	17.31	330	95.61	.19	30.89	.27	30.4
10	4.17	27.56	21.89	324	94.95	1.04	23.91	.33	19.5
20	3.96	29.72	23.62	308	91.12	.83	26.14	.23	16.2
30	3.95	31.35	24.92	295	88.22	.98	26.60	.20	10.7
70	6.64	34.13	26.80	225	72.97	1.17	20.90	.13	10.1
120	6.41	34.26	26.94	213	68.78	1.51	22.19	.09	14.6

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	PO4-P MIKROGRAMATOM PR.LITER	SUM N	FOSFOR TIL NITROGEN	
0	.19	61.56	1	324.00
10	1.04	43.74	1	42.06
20	.83	42.57	1	51.29
30	.98	37.50	1	38.27
70	1.17	31.13	1	26.61
120	1.51	36.88	1	24.42

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON BIFACYA

14 . 4 . 1967 . KL.1100

DYP	TEMPERATUR	SALTHCLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PRMILLE		MIKRO- MOL/LITER	PROSENT	PO4-P	NO3-N	NO2-N	NH4-N
						M I K R O G R A M A T O M P R . L I T E R			
0	5.38	24.97	19.74	340	100.80	.54	27.34	.33	15.8
8	3.75	27.77	22.10	308	89.48	.92	22.86	.29	9.0
20	4.39	31.21	24.76	290	87.56	1.07	24.65	.17	9.9
30	4.84	32.03	25.36	265	81.31	1.17	26.24	.14	10.1
40	6.43	32.70	25.71	163	52.12	1.89	28.31	.07	10.4
50	6.77	32.90	25.82	146	47.11	1.98	25.75	.13	12.0
100	6.98	33.55	26.30	140	45.59	2.01	27.36	.13	12.0

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	PO4-P MIKROGRAMATOM PR.LITER	SUM N	FOSFOR TIL NITROGEN	
0	.54	43.47	1	80.50
8	.92	32.15	1	34.95
20	1.07	34.72	1	32.45
30	1.17	36.48	1	31.18
40	1.89	38.78	1	20.52
50	1.98	37.88	1	19.13
100	2.01	39.49	1	19.65

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON C, STEILENE

13 . 4 . 1967 . KL. 1600

DYP	TEMPERATUR	SALTHOLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PERMILLE		MIKRO- MOL/LITER	PROSENT	PO4-P	NO3-N	NO2-N	NH4-N
						M I K R O G R A M A T O M			P R . L I T E R
0	6.20	25.50	20.07	349	105.87	1.09	22.65	.35	16.4
15	4.38	30.77	24.41	243	73.13	1.09	27.34	.04	10.8
25	4.99	31.62	25.02	256	78.61	1.22	27.73	.04	9.7
40	6.58	32.63	25.63	126	40.41	2.36	31.35	.05	12.3
50	6.73	32.85	25.78	101	32.55	2.47	32.13	.06	12.2
90	6.99	33.04	25.90	114	37.00	2.38	29.05	.09	12.8

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	PO4-P MIKROGRAMATOM PR. LITER	SUM N	FOSFOR TIL NITROGEN
0	1.09	39.40	1 36.15
15	1.09	38.18	1 35.03
25	1.22	37.47	1 30.71
40	2.36	43.70	1 18.52
50	2.47	44.39	1 17.97
90	2.38	41.94	1 17.62

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON D, LYSAKERFJORDEN

14 . 4 . 1967 . KL.1400

DYP	TEMPERATUR	SALTHOLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PERMILLE		MIKRO- MOL/LITER	PROSENT	PO4-P	NO3-N	NO2-N	NH4-N
						M I K R O G R A M A T O M			P R . L I T E R
0	7.12	18.75	14.69	334	99.06	1.75	39.82	.63	23.2
10	2.99	28.84	23.00	293	84.18	.98	24.48	.29	12.0
17	4.32	30.84	24.48	223	67.05	1.38	28.00	.19	8.0
20	4.91	31.50	24.94	226	69.21	1.49	27.84	.09	14.3
30	5.85	32.19	25.38	161	50.63	1.93	30.79	.09	11.6
35	6.20	32.44	25.53	97	30.80	2.39	33.29	.09	8.4
40	6.45	32.72	25.72	83	26.56	2.96	32.51	.07	9.6
70	6.52	33.02	25.95	39	12.52	3.02	31.60	.12	7.4

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	PO4-P MIKROGRAMATOM PR.LITER	SUM N	FOSFOR TIL NITROGEN	
0	1.75	63.65	1	36.37
10	.98	36.77	1	37.52
17	1.38	36.19	1	26.22
20	1.49	42.23	1	28.34
30	1.93	42.48	1	22.01
35	2.39	41.78	1	17.48
40	2.96	42.18	1	14.25
70	3.02	39.12	1	12.95

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON E. SVARTSKOG

13 . 4 . 1967 . KL.1400

DYP	TEMPERATUR	SALTHOLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PRMILLE		MIKRO- MOL/LITER	PROSENT	P04-P M I K R O G R A M A T O M	N03-N	N02-N	NH4-N P R . L I T E R
0	8.40	10.63	8.22	367	106.45	4.19	66.86	.81	17.2
12	3.11	29.60	23.60	270	78.20	1.31	23.05	.26	12.1
20	4.90	31.39	24.85	196	59.96	9.82	31.77	.14	12.0
30	6.02	32.03	25.23	121	38.16	2.32	34.21	.13	10.1
85	6.24	32.72	25.75	61	19.42	3.64	34.42	.12	9.3
130	6.27	33.64	26.47	68	21.80	4.00	35.20	.33	11.4

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	P04-P MIKROGRAMATOM PR.LITER	SUM N	FOSFOR TIL NITROGEN	
0	4.19	84.87	1	20.26
12	1.31	35.41	1	27.03
20	9.82	43.91	1	4.47
30	2.32	44.44	1	19.16
85	3.64	43.84	1	12.04
130	4.00	46.93	1	11.73

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON A,ELLE

12 . 5 . 1967 . KL. 900

DYP	TEMPERATUR	SALTHOLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PERMILLE		MIKRO- MOL/LITER	PROSENT	P04-P	N03-N	N02-N	NH4-N
						M I K R O G R A M A T O M			P R . L I T E R
0	9.80	20.99	16.12	296	94.77	.75	2.16	.49	9.3
5	7.14	23.03	18.04	315	96.11	.90	3.24	.53	4.4
10	6.48	25.10	19.73	338	102.93	.84	2.35	.29	4.8
15	6.19	26.18	20.61	317	96.57	.97	6.48	.43	4.0
20	6.17	26.93	21.20	302	92.41	.95	8.67	.40	3.9
30	5.69	29.35	23.16	258	79.32	1.32	18.08	.32	4.2
40	5.53	32.34	25.53	249	77.80	1.59	22.69	.17	3.3
80	6.20	34.46	27.12	214	68.86	1.69	21.22	.16	2.4
160	5.80	34.47	27.18	257	81.95	1.62	17.97	.46	1.6

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	P04-P MIKROGRAMATOM PR.LITER	SUM N	FOSFOR TIL NITROGEN	
0	.75	11.95	1	15.93
5	.90	8.17	1	9.08
10	.84	7.44	1	8.86
15	.97	10.91	1	11.25
20	.95	12.97	1	13.65
30	1.32	22.60	1	17.12
40	1.59	26.16	1	16.45
80	1.69	23.78	1	14.07
160	1.62	20.03	1	12.36

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON B. FAOYA

12 . 5 . 1967 . KL. 1100

DYP	TEMPERATUR	SALTHOLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PRMILLE		MIKRO- MOL/LITER	PROSENT	PO4-P	NO3-N	NO2-N	NH4-N
						M I K R O G R A M A T O M			P R . L I T E R
0	10.30	20.44	15.62	358	115.52	.75	2.16	.49	5.7
5	6.71	24.02	18.86	328	99.72	.90	1.06	.39	3.3
10	5.43	28.04	22.15	263	79.67	1.00	3.58	.40	2.7
20	5.09	31.56	24.97	223	68.61	1.45	24.50	.29	2.2
30	6.01	32.24	25.40	182	57.46	1.93	24.61	.24	1.9
40	6.31	32.58	25.63	172	54.80	2.22	24.20	.26	2.0
120	6.79	-0.99	0	138	44.46	2.23	24.32	.29	.8

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	PO4-P MIKROGRAMATOM PR. LITER	SUM N	FOSFOR TIL NITROGEN	
0	.75	8.35	1	11.13
5	.90	4.75	1	5.28
10	1.00	6.68	1	6.68
20	1.45	26.99	1	18.61
30	1.93	26.75	1	13.86
40	2.22	26.46	1	11.92
120	2.23	25.41	1	11.39

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON C, STEILENE

12 . 5 . 1967 . KL. 1300

DYP	TEMPERATUR	SALTHOLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PRMILLE		MIKRO- MOL/LITER	PROSENT	P04-P MIKROGRAMATOM	N03-N	N02-N	NH4-N PR . LITER
0	13.20	20.12	14.92	482	165.49	1.18	1.10	.40	7.0
5	7.90	22.65	17.65	409	126.71	.86	0	.36	2.0
10	5.79	26.95	21.26	279	84.63	.73	.82	.34	2.3
20	4.59	31.02	24.59	219	66.35	1.36	25.95	.23	1.1
50	6.60	32.76	25.73	113	36.29	2.36	27.41	.16	.8
95	6.89	32.93	25.83	98	31.72	2.60	26.82	.17	.9

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	P04-P MIKROGRAMATOM PR. LITER	SUM N	FOSFOR TIL NITROGEN
0	1.18	8.50	1 7.20
5	.86	2.36	1 2.74
10	.73	3.46	1 4.74
20	1.36	27.28	1 20.06
50	2.36	28.37	1 12.02
95	2.60	27.89	1 10.73

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON D, LYSAKERFJORDEN

12 . 5 . 1967 . KL.1400

DYP	TEMPERATUR	SALTHCLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PRMILLE		MIKRO- MOL/LITER	PROSENT	pO4-p M I K R O G R A M A T O M	NO3-N	NO2-N	NH4-N P R . L I T E R
0	11.30	18.80	14.21	506	165.26	1.51	2.31	.69	10.6
5	7.92	22.93	17.87	429	133.21	.86	.21	.29	2.4
12	4.46	27.68	21.96	216	63.79	1.02	7.68	.40	3.2
20	4.80	31.12	24.65	179	54.54	1.99	29.22	.19	1.2
30	5.93	32.22	25.39	125	39.39	2.42	28.97	.13	1.3
60	6.51	33.00	25.93	38	12.20	3.33	28.26	.20	.8
78	6.50	33.02	25.95	39	12.52	3.38	25.77	.67	.3

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	P04-P MIKROGRAMATOM PR.LITER	SUM N	FOSFOR TIL NITROGEN
0	1.51	13.60	1 9.01
5	.86	2.90	1 3.37
12	1.02	11.28	1 11.06
20	1.99	30.61	1 15.38
30	2.42	30.40	1 12.56
60	3.33	29.26	1 8.79
78	3.38	26.74	1 7.91

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON E, SVARTSKOG

12 . 5 . 1967 . KL. 1700

DYP	TEMPERATUR	SALTHOLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PERMILLE		MIKRO- MOL/LITER	PROSENT	PO4-P	NO3-N	NO2-N	NH4-N
						M I K R O G R A M A T O M			P R . L I T E R
0	12.00	20.05	15.06	483	161.47	1.23	.98	.75	8.6
5	7.60	23.66	18.48	431	133.47	.85	.63	.29	4.1
9	4.72	26.60	21.09	247	72.87	.71	2.33	.32	2.4
17	4.10	30.54	24.26	187	55.82	1.23	28.76	.23	1.7
34	6.33	32.40	25.48	89	28.34	2.58	31.71	.13	1.3
60	6.37	33.20	26.11	48	15.38	3.44	31.25	.11	1.1
140	6.31	33.46	26.32	55	17.63	3.87	30.65	.40	.4

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	PO4-P MIKROGRAMATOM PR. LITER	SUM N	FOSFOR TIL NITROGEN	
0	1.23	10.33	1	8.40
5	.85	5.02	1	5.91
9	.71	5.05	1	7.11
17	1.23	30.69	1	24.95
34	2.58	33.14	1	12.84
60	3.44	32.46	1	9.44
140	3.87	31.45	1	8.13

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON A,ELLE

6 . 6 . 1967 . KL. 1900

DYP	TEMPERATUR	SALTHCLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PERMILLE		MIKRO- MOL/LITER	PROSENT	PO4-P M I K R O G R A M A T O M	NO3-N M I K R O G R A M A T O M	NO2-N M I K R O G R A M A T O M	NH4-N P R . L I T E R
0	11.90	11.28	8.31	314	99.18	1.06	4.78	.18	-9.9
5	12.28	11.29	8.27	315	100.35	1.00	4.65	.24	-9.9
10	9.80	18.07	13.85	279	87.68	1.13	5.43	.24	-9.9
20	7.25	26.06	20.39	234	73.01	1.40	11.44	.09	-9.9
30	5.88	31.54	24.86	220	68.93	1.60	20.76	.06	-9.9
37	5.80	32.51	25.63	253	79.63	1.48	22.15	.08	-9.9
140	5.75	34.29	27.04	240	76.35	1.55	19.31	.15	-9.9

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	PO4-P MIKROGRAMATOM PR.LITER	SUM N	FOSFOR TIL NITROGEN
0	1.06	-4.94	1 -4.66
5	1.00	-5.01	1 -5.01
10	1.13	-4.23	1 -3.74
20	1.40	1.63	1 1.16
30	1.60	10.92	1 6.82
37	1.48	12.33	1 8.33
140	1.55	9.56	1 6.17

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON B. FAOYA

6 . 6 . 1967 . KL.1100

DYP	TEMPERATUR	SALTHOLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PERMILLE		MIKRO- MOL/LITER	PROSENT	P04-P M I K R O G R A M A T O M	N03-N M I K R O G R A M A T O M	N02-N M I K R O G R A M A T O M	NH4-N P R . L I T E R
0	12.00	12.68	9.38	311	99.31	1.16	4.13	.22	7.9
7	11.50	16.29	12.24	309	99.79	1.24	1.51	.18	5.2
10	9.95	19.83	15.20	273	87.06	1.35	.83	.23	6.9
12	8.71	23.39	18.13	267	84.68	1.26	2.29	.10	7.4
17	6.05	26.93	21.21	221	67.44	1.35	8.81	.02	4.4
75	6.64	31.74	24.92	136	43.42	2.21	24.16	.02	2.1
130	6.69	32.51	25.52	119	38.23	2.32	26.12	0	3.2

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	P04-P MIKROGRAMATOM PR.LITER	SUM N MIKROGRAMATOM PR.LITER	FOSFOR TIL NITROGEN
0	1.16	12.25	1 10.56
7	1.24	6.89	1 5.56
10	1.35	7.96	1 5.90
12	1.26	9.79	1 7.77
17	1.35	13.23	1 9.80
75	2.21	26.28	1 11.89
130	2.32	29.32	1 12.64

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON C, STEILENE

6 . 6 . 1967 . KL. 1300

DYP	TEMPERATUR	SALTHOLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PRMILLE		MIKRO- MOL/LITER	PROSENT	PO4-P	NO3-N	NO2-N	NH4-N
						M I K R O G R A M A T O M			P R . L I T E R
0	12.50	13.76	10.14	329	106.95	1.84	.31	.24	-9.9
6	12.28	17.11	12.75	335	110.65	1.65	.05	.23	-9.9
10	9.67	20.46	15.72	257	81.76	1.65	1.80	.24	-9.9
20	4.61	26.00	20.62	168	49.24	1.94	12.28	.02	-9.9
25	5.08	30.03	23.76	177	53.89	2.11	20.00	.03	-9.9
35	5.98	31.40	24.74	137	42.99	2.52	27.21	.01	-9.9
45	6.30	32.33	25.43	154	48.98	1.74	27.23	.02	-9.9
85	6.70	32.54	25.55	94	30.21	2.84	26.94	.04	-9.9

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	PO4-P MIKROGRAMATOM PR. LITER	SUM N	FOSFOR TIL NITROGEN	
0	1.84	-9.35	1	-5.08
6	1.65	-9.62	1	-5.83
10	1.65	-7.86	1	-4.76
20	1.94	2.40	1	1.24
25	2.11	10.13	1	4.80
35	2.52	17.32	1	6.87
45	1.74	17.35	1	9.97
85	2.84	17.08	1	6.01

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON D, LYSAKERFJORDEN

6 . 6 . 1967 . KL.1400

DYP METER	TEMPERATUR	SALTHOLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
	GRADER C	PRC MILLE		MIKRO- MOL/LITER	PROSENT	PO4-P M I K R O G R A M A T O M	NO3-N	NO2-N	NH4-N P R . L I T E R
0	12.50	14.24	10.51	341	111.18	1.66	0	.24	-9.9
5	13.25	16.65	12.24	347	116.75	1.79	0	.23	-9.9
10	11.66	19.06	14.35	291	95.96	1.84	.72	.24	-9.9
20	4.46	29.74	23.59	159	47.61	2.23	22.07	.04	-9.9
50	6.30	32.65	25.68	59	18.80	3.58	30.86	.01	-9.9
81	6.40	32.90	25.87	36	11.52	4.06	30.05	.16	-9.9

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	PO4-P MIKROGRAMATOM PR. LITER	SUM N	FOSFOR TIL NITROGEN
0	1.66	-9.66	1 -5.82
5	1.79	-9.67	1 -5.40
10	1.84	-8.94	1 -4.86
20	2.23	12.21	1 5.48
50	3.58	20.97	1 5.86
81	4.06	20.31	1 5.00

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON E, SVARTSKOG

6 . 6 . 1967 . KL. 1700

DYP	TEMPERATUR	SALTHOLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
						P04-P	NO3-N	NO2-N	NH4-N
METER	GRADER C	PRMILLE		MIKRO- MOL/LITER	PROSENT	M I K R O G R A M A T O M			P R . L I T E R
0	14.70	17.69	12.79	386	134.85	1.65	0	.32	12.8
5	14.39	17.71	12.86	392	136.06	1.76	.01	.27	6.9
10	11.25	19.18	14.51	284	92.87	1.67	1.22	.28	7.1
15	7.00	24.73	19.38	257	79.03	2.77	2.96	.07	10.7
25	4.67	30.79	24.40	149	45.16	2.61	32.47	.04	2.4
60	6.38	33.09	26.02	46	14.73	3.68	32.86	.05	2.3
130	6.80	33.64	26.40	42	13.63	4.65	34.11	.10	1.9

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	P04-P MIKROGRAMATOM PR. LITER	SUM N	FOSFOR TIL NITROGEN	
0	1.65	13.12	1	7.95
5	1.76	7.18	1	4.08
10	1.67	8.60	1	5.15
15	2.77	13.73	1	4.96
25	2.61	34.91	1	13.38
60	3.68	35.21	1	9.57
130	4.65	36.11	1	7.77

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON A,ELLE.

26 . 6 . 1967 . KL.1600

DYP	TEMPERATUR	SALTHCLDIGHET	SIGMA T	OXYGEN	OXYGEN= METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
						P04-P	NO3-N	NO2-N	NH4-N
METER	GRADER C	PRMILLE		MIKRO- MOL/LITER	PROSENT	M I K R O G R A M A T O M			P R . L I T E R
0	16.10	13.12	9.03	-99	0	.25	.43	.38	3.6
10	15.94	13.48	9.34	294	102.80	.24	.41	.18	1.6
15	12.10	20.46	15.36	234	78.60	.24	5.56	.13	1.8
50	5.95	31.54	24.85	239	75.01	.47	16.88	.04	1.2

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	P04-P MIKROGRAMATOM PR.LITER	SUM N	FOSFOR TIL NITROGEN	
0	.25	4.41	1	17.64
10	.24	2.19	1	9.13
15	.24	7.49	1	31.21
50	.47	18.12	1	38.55

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON BIFAØYA

26 . 6 . 1967 . KL. 1500

DYP	TEMPERATUR	SALTHCLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PERMILLE		MIKRO- MOL/LITER	PROSENT	PO4-P M I K R O G R A M A T O M	NO3-N	NO2-N	NH4-N P R . L I T E R
0	15.40	14.98	10.58	-99	0	.27	.39	.26	2.2
8	14.81	16.21	11.63	279	96.82	.23	1.14	.16	7.5
40	6.31	30.43	23.94	143	44.92	.74	21.81	.05	1.2

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	PO4-P MIKROGRAMATOM PR. LITER	SUM N	FOSFOR TIL NITROGEN
0	.27	2.85	1 10.56
8	.23	8.80	1 38.26
40	.74	23.06	1 31.16

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON C, STEILENE

26 . 6 . 1967 . KL. 1300

DYP	TEMPERATUR	SALTHOLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
						P04-P	NO3-N	NO2-N	NH4-N
METER	GRADER C	PROMILLE		MIKRO- MOL/LITER	PROSENT	M I K R O G R A M A T O M			P R . L I T E R
0	15.10	16.13	11.52	-99	0	.25	.30	.19	5.2
15	12.69	18.54	13.79	204	68.59	.23	1.80	.12	5.1
23	5.71	28.66	22.61	183	56.03	.46	19.47	.05	2.8
25	5.68	29.23	23.06	179	54.98	.47	20.82	.07	1.5

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	P04-P MIKROGRAMATOM PR. LITER	SUM N	FOSFOR TIL NITROGEN	
0	.25	5.69	1	22.76
15	.23	7.02	1	30.52
23	.46	22.32	1	48.52
25	.47	22.39	1	47.64

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON D, LYSAKERFJORDEN

26 . 6 . 1967 . KL. 1100

DYP	TEMPERATUR	SALTHCLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PRMILLE		MIKRO- MOL/LITER	PROSENT	P04-P M I K R O G R A M A T O M	N03-N	N02-N	NH4-N P R . L I T E R
0	16.50	15.90	11.08	-99	0	.24	.17	.16	6.5
12	5.44	26.54	20.97	166	49.80	.23	12.65	.14	7.0
32	6.13	30.61	24.10	67	20.99	.46	25.02	.04	2.6
70	6.40	30.91	24.30	37	11.68	.47	22.33	.06	3.3

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	P04-P MIKROGRAMATOM PR. LITER	SUM N	FOSFOR TIL NITROGEN
0	.24	6.83	1 28.46
12	.23	19.79	1 86.04
32	.46	27.66	1 60.13
70	.47	25.69	1 54.66

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON E. SVARTSKOG

26 . 6 . 1967 . KL. 1000

DYP	TEMPERATUR	SALTHOLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PRC MILLE		MIKRO- MOL/LITER	PROSENT	P04-P M I K R O G R A M A T O M	N03-N	N02-N	NH4-N P R . L I T E R
0	15.80	15.75	11.10	-99	0	.24	1.63	.45	5.4
8	15.71	16.69	11.83	208	73.79	.18	4.94	.20	4.2
65	6.25	31.39	24.70	45	14.21	1.19	26.12	.08	2.1
150	6.31	31.63	24.88	0	0	2.43	26.61	.89	11.3

BEREGNET FØRHOLD FOSFOR NITROGEN I ATOMER

DYP METER	P04-P MIKROGRAMATOM PR. LITER	SUM N	FOSFOR TIL NITROGEN
0	.24	7.48	1 31.17
8	.18	9.34	1 51.89
65	1.19	28.30	1 23.78
150	2.43	38.80	1 15.97

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON A9ELLE

5 . 9 . 1967 . KL . 800

DYP	TEMPERATUR	SALTHOLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PERMILLE		MIKRO- MOL/LITER	PROSENT	PO4-P	NO3-N	NO2-N	NH4-N
						M I K R O G R A M A T O M			P R . L I T E R
0	15.00	19.02	13.75	258	91.45	1.72	1.02	.07	2.8
10	16.37	19.22	13.63	255	93.13	1.00	.25	.49	4.0
12	15.37	20.95	15.15	216	78.07	1.02	1.69	.10	1.5
16	16.19	24.05	17.35	219	82.03	2.14	19.64	.11	1.8
22	15.81	24.84	18.03	218	81.41	1.07	.90	.14	3.0
35	11.12	28.13	21.44	177	61.05	1.07	1.95	.14	3.1
60	8.00	31.91	24.87	226	74.51	1.21	13.37	.05	1.1
150	5.84	34.64	27.31	229	73.17	1.39	17.77	.13	1.8

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	PO4-P MIKROGRAMATOM PR.LITER	SUM N	FOSFOR TIL NITROGEN	
0	1.72	3.89	1	2.26
10	1.00	4.74	1	4.74
12	1.02	3.29	1	3.23
16	2.14	21.55	1	10.07
22	1.07	4.04	1	3.78
35	1.07	5.19	1	4.85
60	1.21	14.52	1	12.00
150	1.39	19.70	1	14.17

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON BAFACYA

5 . 9 . 1967 . KL.1000

DYP	TEMPERATUR	SALTHOLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PERMILLE		MIKRO- MOL/LITER	PROSENT	P04-P	NO3-N	NO2-N	NH4-N
						M I K R O G R A M A T O M			P R . L I T E R
0	15.80	19.44	13.91	291	105.16	1.21	.58	.16	3.2
5	16.03	19.65	14.03	238	86.53	1.07	.49	.07	2.7
8	14.98	21.42	15.59	196	70.46	1.25	.96	.09	3.2
20	9.20	29.78	23.03	175	58.46	2.04	11.23	.01	2.7
30	7.43	30.91	24.17	150	48.50	2.46	13.01	.03	2.6
40	6.82	32.16	25.23	107	34.40	3.06	12.85	.06	2.2
120	6.45	32.49	25.54	92	29.39	3.67	11.45	.04	2.5

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	P04-P MIKROGRAMATOM PR.LITER	SUM N MIKROGRAMATOM PR.LITER	FOSFOR TIL NITROGEN
0	1.21	3.94	1 3.26
5	1.07	3.26	1 3.05
8	1.25	4.25	1 3.40
20	2.04	13.94	1 6.83
30	2.46	15.64	1 6.36
40	3.06	15.11	1 4.94
120	3.67	13.99	1 3.81

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON C, STEILENE

5 . 9 . 1967 . KL. 1200

DYP	TEMPERATUR	SALTHOLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PROMILLE		MIKRO- MOL/LITER	PROSENT	PO4-P	NO3-N	NO2-N	NH4-N
						M I K R O G R A M A T O M			P R . L I T E R
0	15.80	19.11	13.66	258	93.05	1.07	1.07	.22	3.4
10	15.80	19.72	14.13	229	82.90	1.07	.89	.07	1.7
12	11.88	26.13	19.77	115	39.82	1.11	3.25	.08	2.3
25	8.70	30.01	23.29	163	53.92	1.63	23.23	.04	2.1
40	6.04	32.07	25.26	86	27.14	2.37	28.72	.04	2.0
60	6.20	32.40	25.50	71	22.54	2.69	25.48	.02	1.7
90	6.33	32.49	25.55	64	20.39	2.88	20.03	.03	1.9

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	PO4-P MIKROGRAMATOM PR. LITER	SUM N	FOSFOR TIL NITROGEN	
0	1.07	4.69	1	4.38
10	1.07	2.66	1	2.49
12	1.11	5.63	1	5.07
25	1.63	25.37	1	15.56
40	2.37	30.76	1	12.98
60	2.69	27.20	1	10.11
90	2.88	21.96	1	7.62

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON D, LYSAKERFJORDEN

5 . 9 . 1967 . KL.1300

DYP	TEMPERATUR	SALTHOLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PROMILLE		MIKRO- MOL/LITER	PROSENT	P04-P	NO3-N	NO2-N	NH4-N
						M I K R O G R A M A T O M			P R . L I T E R
0	16.60	17.54	12.30	275	99.90	1.21	.47	.21	3.4
10	15.50	19.70	14.17	182	65.46	1.30	1.07	.11	2.9
12	9.83	26.45	20.35	88	29.19	1.53	16.97	.06	3.3
20	7.51	28.84	22.54	114	36.44	1.95	31.03	.13	3.5
25	7.31	29.90	23.39	134	42.93	2.04	27.80	.07	2.7
30	6.40	30.70	24.14	67	21.13	2.09	30.60	.04	2.9
75	6.24	32.67	25.71	25	7.96	3.53	26.99	.21	2.3

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	P04-P MIKROGRAMATOM PR.LITER	SUM N	FOSFOR TIL NITROGEN	
0	1.21	4.08	1	3.37
10	1.30	4.08	1	3.14
12	1.53	20.33	1	13.29
20	1.95	34.66	1	17.77
25	2.04	30.57	1	14.99
30	2.09	33.54	1	16.05
75	3.53	29.50	1	8.36

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON E, SVARTSKOG

5 . 9 . 1967 . KL. 1600

DYP	TEMPERATUR	SALTHOLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PERMILLE		MIKRO- MOL/LITER	PROSENT	PO4-P	NO3-N	NO2-N	NH4-N
						M I K R O G R A M A T O M			P R . L I T E R
0	16.40	18.54	13.11	226	82.25	1.67	.79	.11	3.3
5	16.38	18.54	13.11	217	78.95	1.48	.87	.09	2.5
9	15.90	19.49	13.93	138	49.99	1.72	2.17	.14	3.4
10	13.94	21.78	16.06	19	6.70	1.86	5.80	.24	2.7
20	6.83	28.75	22.55	108	33.96	2.55	33.57	.01	2.7
30	5.23	30.69	24.26	107	32.84	3.35	34.64	.04	1.7
70	6.35	33.43	26.29	19	6.09	3.95	34.01	.01	1.8
135	6.34	33.58	26.41	13	4.17	4.27	32.33	.14	1.1

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	PO4-P MIKROGRAMATOM PR. LITER	SUM N	FOSFOR TIL NITROGEN	
0	1.67	4.20	1	2.51
5	1.48	3.46	1	2.34
9	1.72	5.71	1	3.32
10	1.86	8.74	1	4.70
20	2.55	36.28	1	14.23
30	3.35	36.38	1	10.86
70	3.95	35.82	1	9.07
135	4.27	33.57	1	7.86

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON AELLE

11 .10 . 1967 . KL. 900

DYP	TEMPERATUR	SALTHOLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PRMILLE		MIKRO- MOL/LITER	PROSENT	P04-P	NO3-N	NO2-N	NH4-N
						M I K R O G R A M A T O M			P R . L I T E R
0	11.20	19.78	14.98	307	100.66	1.02	4.93	.46	3.7
7	11.78	25.92	19.63	207	71.43	1.10	12.59	.31	2.6
10	12.08	29.07	22.00	185	65.53	.93	13.44	.42	2.6
30	11.71	30.91	23.49	198	70.38	.84	13.58	.10	2.1
50	10.49	32.12	24.65	209	72.90	.88	14.55	.16	1.7
90	6.12	32.33	25.45	217	68.73	.97	15.57	.09	2.1
100	5.87	34.06	26.85	217	69.12	1.21	22.21	.07	1.9
150	5.81	34.26	27.01	211	67.20	1.44	21.23	.06	2.2

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	P04-P MIKROGRAMATOM PR.LITER	SUM N	FOSFOR TIL NITROGEN
0	1.02	9.09	1 8.91
7	1.10	15.50	1 14.09
10	.93	16.46	1 17.70
30	.84	15.78	1 18.79
50	.88	16.41	1 18.65
90	.97	17.76	1 18.31
100	1.21	24.18	1 19.98
150	1.44	23.49	1 16.31

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON B. HAØYA

11 .10 . 1967 . KL.1100

DYP	TEMPERATUR	SALTHOLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PRMILLE		MIKRO- MOL/LITER	PROSENT	P04-P	N03-N	N02-N	NH4-N
						M I K R O G R A M A T O M			P R . L I T E R
0	10.60	18.28	13.91	376	120.49	1.02	2.70	.26	3.5
5	12.50	22.07	16.54	228	78.03	1.11	5.53	.19	2.4
10	12.68	-0.99	0	217	74.56	1.25	5.44	.19	1.9
15	11.32	27.59	20.99	188	64.90	1.24	10.22	.16	2.4
20	11.29	28.64	21.81	190	65.98	1.11	11.15	.24	1.7
45	6.74	28.85	22.64	95	29.83	2.04	19.35	.02	1.7
130	6.42	32.26	25.36	80	25.50	1.95	20.32	.03	1.7

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	P04-P MIKROGRAMATOM PR.LITER	SUM N	FOSFOR TIL NITROGEN
0	1.02	6.46	1 6.33
5	1.11	8.12	1 7.32
10	1.25	7.53	1 6.02
15	1.24	12.78	1 10.31
20	1.11	13.09	1 11.79
45	2.04	21.07	1 10.33
130	1.95	22.05	1 11.31

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON C, STEILENE

11 .10 . 1967 . KL. 1300

DYP	TEMPERATUR	SALTHOLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PROMILLE		MIKRO- MOL/LITER	PROSENT	P04-P	N03-N	N02-N	NH4-N
						M I K R O G R A M A T O M			P R . L I T E R
0	9.10	17.19	13.25	402	123.63	1.70	6.06	.50	3.0
3	12.78	20.87	15.56	244	83.40	.97	4.48	.21	2.1
10	12.90	22.27	16.62	225	77.77	.93	6.36	.15	1.6
15	9.82	27.72	21.34	94	31.42	1.60	28.13	.08	1.5
20	9.51	29.05	22.42	141	47.21	1.29	23.79	.08	1.1
30	8.42	31.19	24.25	143	47.37	1.35	24.80	.05	2.0
60	6.18	32.33	25.45	60	19.03	2.16	28.96	.01	1.4
95	6.22	32.34	25.45	61	19.37	2.42	28.39	.04	1.2

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	P04-P MIKROGRAMATOM PR. LITER	SUM N	FOSFOR TIL NITROGEN
0	1.70	9.56	1 5.62
3	.97	6.79	1 7.00
10	.93	8.11	1 8.72
15	1.60	29.71	1 18.57
20	1.29	24.97	1 19.36
30	1.35	26.85	1 19.89
60	2.16	30.37	1 14.06
95	2.42	29.63	1 12.24

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON D, LYSAKERFJORDEN

11 .10 . 1967 . KL.1400

DYP	TEMPERATUR	SALTHCLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PRMILLE		MIKRO- MOL/LITER	PROSENT	PO4-P M I K R O G R A M A T O M	NO3-N M I K R O G R A M A T O M	NO2-N M I K R O G R A M A T O M	NH4-N P R . L I T E R
0	9.30	14.84	11.40	296	90.09	2.88	31.53	1.21	4.8
5	12.79	21.21	15.82	234	80.17	1.11	5.54	.17	1.8
10	12.82	23.21	17.36	213	73.93	1.02	7.32	.16	2.4
15	9.70	27.35	21.07	83	27.61	1.88	28.39	.15	2.0
20	8.96	29.90	23.16	123	40.90	1.79	27.23	.05	1.2
30	7.02	31.50	24.69	102	32.80	2.04	28.94	.04	1.4
75	6.18	33.31	26.22	11	3.51	3.06	30.55	.18	1.1

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	PO4-P MIKROGRAMATOM PR. LITER	SUM N	FOSFOR TIL NITROGEN
0	2.88	37.54	1 13.03
5	1.11	7.51	1 6.77
10	1.02	9.88	1 9.69
15	1.88	30.54	1 16.24
20	1.79	28.48	1 15.91
30	2.04	30.38	1 14.89
75	3.06	31.83	1 10.40

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON E-SVARTSKOG

11 .10 . 1967 . KL.1700

DYP	TEMPERATUR	SALTHOLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PRC MILLE		MIKRO- MOL/LITER	PROSENT	P04-P	N03-N	N02-N	NH4-N
						M I K R O G R A M A T O M			P R . L I T E R
0	10.40	19.96	15.23	442	142.51	.93	1.70	.14	3.8
5	12.98	21.66	16.14	237	81.76	1.19	4.79	.21	2.9
10	12.84	23.27	17.40	212	73.64	1.07	8.56	.18	3.3
15	8.75	28.08	21.77	65	21.26	2.14	34.88	.07	1.8
20	7.12	29.35	22.99	89	28.29	2.32	34.04	.07	1.7
25	6.61	30.20	23.72	107	33.80	1.88	31.71	.08	1.7
70	6.32	-0.99	0	17	5.33	3.16	32.04	.09	1.4
135	6.30	-0.99	0	4	1.25	3.99	32.26	.10	1.2

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	P04-P MIKROGRAMATOM PR.LITER	SUM N	FOSFOR TIL NITROGEN
0	.93	5.64	1 6.06
5	1.19	7.90	1 6.64
10	1.07	12.04	1 11.25
15	2.14	36.75	1 17.17
20	2.32	35.81	1 15.44
25	1.88	33.49	1 17.81
70	3.16	33.53	1 10.61
135	3.99	33.56	1 8.41

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON A, ELLE

12 .12 . 1967 . KL.1500

DYP	TEMPERATUR	SALTHOLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PRMILLE		MIKRO- MOL/LITER	PROSENT	PO4-P	NO3-N	NO2-N	NH4-N
						M I K R O G R A M A T O M			P R . L I T E R
0	3.50	23.72	18.90	286	80.34	1.35	18.32	.54	13.1
5	11.62	33.41	25.45	219	78.91	.84	10.04	.07	2.0
10	11.43	33.62	25.64	221	79.42	.88	9.69	.07	2.0
20	11.23	33.73	25.77	223	79.85	.79	10.12	.07	2.0
50	10.31	33.87	26.04	215	75.53	.93	10.77	.06	1.7
75	9.54	33.87	26.17	214	73.93	.88	11.23	.06	1.5
100	7.98	33.91	26.44	207	69.10	.93	9.77	-0.99	1.4
150	5.99	34.39	27.09	208	66.58	1.02	7.09	.07	1.4

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	PO4-P MIKROGRAMATOM PR.LITER	SUM N	FOSFOR TIL NITROGEN
0	1.35	31.96	1 23.67
5	.84	12.11	1 14.42
10	.88	11.76	1 13.36
20	.79	12.19	1 15.43
50	.93	12.53	1 13.47
75	.88	12.79	1 14.53
100	.93	10.18	1 10.95
150	1.02	8.56	1 8.39

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON BAFAYA

12 .12 . 1967 . KL.1300

DYP	TEMPERATUR	SALTHOLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PRMILLE		MIKRO- MOL/LITER	PROSENT	P04-P M I K R O G R A M A T O M	NO3-N	NO2-N	NH4-N P R . L I T E R
0	1.30	20.39	16.36	299	77.68	1.67	10.71	.88	11.5
5	2.83	21.44	17.14	272	73.99	1.53	11.36	.18	7.9
10	9.79	28.52	21.96	150	50.36	1.07	9.39	.69	1.5
20	10.22	31.12	23.91	192	66.16	.84	7.10	.23	1.5
90	9.81	32.62	25.15	192	66.20	.93	6.23	.09	1.4
95	9.61	32.70	25.24	179	61.47	1.11	6.17	.11	1.5
105	9.12	32.74	25.35	166	56.41	1.11	6.22	-0.99	1.1
140	8.70	33.68	26.15	154	52.16	1.72	7.12	.16	-9.9

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	P04-P MIKROGRAMATOM PR.LITER	SUM N	FOSFOR TIL NITROGEN
0	1.67	23.09	1 13.83
5	1.53	19.44	1 12.71
10	1.07	11.58	1 10.82
20	.84	8.83	1 10.51
90	.93	7.72	1 8.30
95	1.11	7.78	1 7.01
105	1.11	6.33	1 5.70
140	1.72	-2.62	1 -1.52

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON C STEILENE

12 .12 . 1967 . KL.1200

DYP	TEMPERATUR	SALTHOLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PRMILLE		MIKRO- MOL/LITER	PROSENT	P04-P	N03-N	N02-N	NH4-N
						M I K R O G R A M A T O M			P R . L I T E R
0	.40	19.56	15.71	287	72.43	1.72	12.64	.91	14.1
5	9.75	28.10	21.64	143	47.84	1.30	12.30	.11	1.6
10	10.11	29.47	22.65	178	60.55	.97	9.56	.07	1.4
35	9.35	31.94	24.69	155	52.67	1.30	8.87	.11	1.3
40	7.99	31.96	24.91	109	35.94	1.58	9.35	.06	1.3
50	6.92	32.12	25.19	79	25.45	1.67	10.69	.34	1.6
90	6.43	32.12	25.25	42	13.38	2.04	7.47	.09	1.0

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	P04-P MIKROGRAMATOM PR.LITER	SUM N	FOSFOR TIL NITROGEN
0	1.72	27.65	1 16.08
5	1.30	14.01	1 10.78
10	.97	11.03	1 11.37
35	1.30	10.28	1 7.91
40	1.58	10.71	1 6.78
50	1.67	12.63	1 7.56
90	2.04	8.56	1 4.20

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON D, LYSAKERFJORDEN

12 .12 . 1967 . KL.1000

DYP	TEMPERATUR	SALTHOLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PERMILLE		MIKRO- MOL/LITER	PROSENT	P04-P M I K R O G R A M A T O M	N03-N M I K R O G R A M A T O M	N02-N M I K R O G R A M A T O M	NH4-N P R . L I T E R
0	1.60	19.98	16.02	263	68.66	2.23	20.96	1.17	28.0
3	8.32	25.66	19.95	117	37.32	1.81	24.34	.61	7.4
10	8.91	25.28	22.69	96	31.76	1.58	22.80	.36	2.9
20	9.37	30.70	23.72	133	44.86	1.16	16.96	.07	1.9
30	9.08	31.46	24.36	129	43.44	2.32	15.20	.06	2.1
40	8.52	31.92	24.80	122	40.69	1.67	14.77	.05	1.6
50	6.47	32.20	25.31	42	13.40	2.37	16.63	.21	2.0
75	6.15	32.47	25.56	0	0	4.36	13.13	.26	-9.9

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	P04-P MIKROGRAMATOM PR.LITER	SUM N MIKROGRAMATOM PR.LITER	FOSFOR TIL NITROGEN
0	2.23	50.13	1 22.48
3	1.81	32.35	1 17.87
10	1.58	26.06	1 16.49
20	1.16	18.93	1 16.32
30	2.32	17.36	1 7.48
40	1.67	16.42	1 9.83
50	2.37	18.84	1 7.95
75	4.36	3.49	1 .80

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON E SVARTSKOG

12 .12 . 1967 . KL. 800

DYP	TEMPERATUR	SALTHOLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PRMILLE		MIKRO- MOL/LITER	PROSENT	P04-P	N03-N	N02-N	NH4-N
						M I K R O G R A M A T O M			P R . L I T E R
0	0.30	19.54	15.69	315	79.28	1.58	17.13	1.01	12.2
5	1.93	19.80	15.87	297	78.09	1.81	17.19	.75	11.8
10	8.07	29.17	22.72	80	25.95	1.58	21.55	.11	1.7
15	7.60	29.98	23.42	96	30.97	1.58	19.29	.10	1.6
25	6.66	30.69	24.10	87	27.60	1.63	18.29	.12	1.7
40	6.69	31.59	24.80	63	20.12	1.86	16.26	.11	1.9
80	6.20	33.46	26.33	0	0	3.11	14.17	.83	2.6
150	6.20	33.64	26.48	0	0	4.97	10.70	.86	3.9

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	P04-P MIKROGRAMATOM PR.LITER	SUM N	FOSFOR TIL NITROGEN
0	1.58	30.34	1 19.20
5	1.81	29.74	1 16.43
10	1.58	23.36	1 14.78
15	1.58	20.99	1 13.28
25	1.63	20.11	1 12.34
40	1.86	18.27	1 9.82
80	3.11	17.60	1 5.66
150	4.97	15.46	1 3.11

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON A,ELLE

16 . 1 . 1968 . KL. 1900

DYP	TEMPERATUR	SALTHOLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PROMILLE		MIKRO- MOL/LITER	PROSENT	P04-P	N03-N	N02-N	NH4-N
						M I K R O G R A M A T O M			P R . L I T E R
0	2.40	30.08	24.03	280	79.97	1.75	33.02	.07	3.6
4	4.26	-0.99	0	260	77.66	1.40	28.50	.54	1.1
8	5.13	31.37	24.81	255	78.43	1.14	25.00	.39	1.3
10	5.78	31.70	25.00	255	79.80	1.27	20.19	.76	.4
15	6.42	31.98	25.14	252	80.18	1.20	18.61	.86	.6
40	7.57	34.35	26.85	212	70.32	1.46	19.96	.19	.7
50	7.30	34.40	26.93	210	69.26	1.40	20.21	.35	.6
150	6.95	34.68	27.19	255	83.59	1.36	12.64	.63	.5

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	P04-P MIKROGRAMATOM PR.LITER	SUM N	FOSFOR TIL NITROGEN	
0	1.75	36.69	1	20.97
4	1.40	30.14	1	21.53
8	1.14	26.69	1	23.41
10	1.27	21.35	1	16.81
15	1.20	20.07	1	16.73
40	1.46	20.85	1	14.28
50	1.40	21.16	1	15.11
150	1.36	13.77	1	10.13

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON BIFACYA

16 . 1 . 1968 . KL.1100

DYP	TEMPERATUR	SALTHOLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PRMILLE		MIKRO- MOL/LITER	PROSENT	P04-P M I K R O G R A M A T O M	N03-N M I K R O G R A M A T O M	N02-N M I K R O G R A M A T O M	NH4-N P R . L I T E R
0	1.60	29.81	23.87	285	79.67	1.81	19.73	.22	4.5
10	2.93	30.18	24.07	263	76.14	1.75	18.05	.10	3.3
20	5.66	31.07	24.52	227	70.54	1.36	17.14	.13	1.9
25	7.67	31.82	24.85	188	61.48	1.40	14.61	.13	1.4
30	8.28	32.10	24.98	208	69.09	1.43	15.01	.15	1.2
40	8.57	32.29	25.09	178	59.58	1.40	13.69	.10	1.2
50	6.91	32.22	25.27	212	68.32	1.27	17.03	.19	1.5
135	6.77	33.41	26.22	221	71.55	1.43	17.18	.09	1.2

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	P04-P MIKROGRAMATOM PR.LITER	SUM N	FOSFOR TIL NITROGEN
0	1.81	24.45	1 13.51
10	1.75	21.45	1 12.26
20	1.36	19.17	1 14.10
25	1.40	16.14	1 11.53
30	1.43	16.36	1 11.44
40	1.40	14.99	1 10.71
50	1.27	18.72	1 14.74
135	1.43	18.47	1 12.92

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON C, STEILENE

16 . 1 . 1968 . KL. 1300

DYP	TEMPERATUR	SALTHOLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PRC MILLE		MIKRO- MOL/LITER	PROSENT	P04-P	N03-N	N02-N	NH4-N
						M I K R O G R A M A T O M			P R . L I T E R
0	1.40	29.65	23.75	272	75.57	2.22	30.80	.31	9.1
5	1.62	29.72	23.80	263	73.51	3.11	25.57	.23	5.0
10	2.18	29.90	23.91	265	75.19	1.84	27.47	.20	4.1
15	6.59	31.02	24.36	195	61.90	1.91	24.33	.17	2.2
20	8.80	31.91	24.75	138	46.32	1.68	22.74	.04	1.1
65	-0.99	32.67	0	146	38.82	1.59	17.69	.11	1.2
75	-0.99	32.72	0	163	43.34	1.36	15.03	.19	1.1
95	-0.99	32.78	0	188	49.99	1.46	10.84	.19	1.2

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	P04-P MIKROGRAMATOM PR. LITER	SUM N PR. LITER	FOSFOR TIL NITROGEN
0	2.22	40.21	1 18.11
5	3.11	30.80	1 9.90
10	1.84	31.77	1 17.27
15	1.91	26.70	1 13.98
20	1.68	23.88	1 14.21
65	1.59	19.00	1 11.95
75	1.36	16.32	1 12.00
95	1.46	12.23	1 8.38

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON D, LYSAKERFJORDEN

16 . 1 . 1968 . KL.1400

DYP	TEMPERATUR	SALTHOLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PRMILLE		MIKRO- MOL/LITER	PROSENT	P04-P M I K R O G R A M A T O M	N03-N M I K R O G R A M A T O M	N02-N M I K R O G R A M A T O M	NH4-N P R . L I T E R
0	2.10	29.83	23.86	249	70.48	2.06	35.66	.24	6.7
10	2.48	29.92	23.90	231	66.03	1.94	34.88	.21	4.8
20	8.44	31.79	24.71	120	39.92	1.84	28.22	.06	1.1
30	7.95	32.01	24.96	91	29.99	2.16	29.01	.09	1.2
35	7.95	32.05	24.99	96	31.64	1.91	28.74	.03	1.1
40	8.01	32.22	25.11	100	33.04	2.03	27.10	.10	.9
45	7.98	32.05	24.99	96	31.66	2.00	28.50	.04	1.0
75	6.79	32.24	25.30	17	5.46	2.80	29.32	.16	1.1

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	P04-P MIKROGRAMATOM PR.LITER	SUM N MIKROGRAMATOM PR.LITER	FOSFOR TIL NITROGEN
0	2.06	42.60	1 20.68
10	1.94	39.89	1 20.56
20	1.84	29.38	1 15.97
30	2.16	30.30	1 14.03
35	1.91	29.87	1 15.64
40	2.03	28.10	1 13.84
45	2.00	29.54	1 14.77
75	2.80	30.58	1 10.92

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON E SVARTSKOG

16 . 1 . 1968 . KL. 1600

DYP	TEMPERATUR	SALTHOLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PRMILLE		MIKRO- MOL/LITER	PROSENT	P04-P M I K R O G R A M A T O M	N03-N M I K R O G R A M A T O M	N02-N M I K R O G R A M A T O M	NH4-N P R . L I T E R
0	.80	29.70	23.83	277	75.85	2.35	34.53	.25	5.7
10	1.82	29.87	23.91	245	68.89	2.06	35.59	.16	3.9
15	7.10	31.57	24.73	85	27.40	2.13	31.34	.09	1.0
20	7.18	31.87	24.96	79	25.56	2.38	32.95	.02	.9
40	7.50	32.19	25.16	85	27.76	2.03	29.07	.09	1.0
70	6.29	33.40	26.27	9	2.88	3.02	32.45	.04	1.0
150	6.28	33.62	26.45	1	.32	4.78	17.92	1.76	2.3

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	P04-P MIKROGRAMATOM PR.LITER	SUM N MIKROGRAMATOM PR.LITER	FOSFOR TIL NITROGEN
0	2.35	40.48	1 17.23
10	2.06	39.65	1 19.25
15	2.13	32.43	1 15.23
20	2.38	33.87	1 14.23
40	2.03	30.16	1 14.86
70	3.02	33.49	1 11.09
150	4.78	21.98	1 4.60

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON AELLE

27 . 2 . 1968 . KL. 1900

DYP	TEMPERATUR	SALTHOLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PRC MILLE		MIKRO- MOL/LITER	PROSENT	P04-P M I K R O G R A M A T O M	N03-N	N02-N	NH4-N P R . L I T E R
0	.60	26.68	21.41	428	114.16	.88	1.07	.06	9.8
10	.38	27.05	21.72	389	103.45	.73	1.39	.29	5.2
20	.10	27.50	22.09	359	95.09	.88	5.71	.24	4.1
35	5.85	32.27	25.44	244	76.77	1.25	20.42	.28	2.8
40	5.60	32.93	25.99	271	85.14	1.19	19.33	.35	2.7
45	5.97	33.44	26.35	277	88.07	1.14	17.19	.12	2.4
50	6.36	33.75	26.54	272	87.44	1.04	15.81	-0.99	3.7
150	7.28	34.55	27.05	239	78.86	1.19	15.49	.13	3.4

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	P04-P MIKROGRAMATOM PR.LITER	SUM N MIKROGRAMATOM PR.LITER	FOSFOR TIL NITROGEN
0	.88	10.93	1 12.42
10	.73	6.88	1 9.42
20	.88	10.05	1 11.42
35	1.25	23.50	1 18.80
40	1.19	22.38	1 18.81
45	1.14	19.71	1 17.29
50	1.04	18.52	1 17.81
150	1.19	19.02	1 15.98

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON B9FAOYA

27 . 2 . 1968 . KL.1100

DYP	TEMPERATUR	SALTHOLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PRMILLE		MIKRO- MOL/LITER	PROSENT	P04-P M I K R O G R A M A T O M	N03-N M I K R O G R A M A T O M	N02-N M I K R O G R A M A T O M	NH4-N P R . L I T E R
0	.20	27.18	21.83	392	103.86	.67	2.18	.09	18.9
5	1.22	29.27	23.46	321	88.55	1.04	.74	.08	.9
12	6.18	30.84	24.27	150	47.11	1.97	19.21	.20	2.5
15	7.40	31.98	25.01	136	44.25	1.97	14.59	.12	2.4
20	8.35	32.36	25.17	140	46.65	1.76	15.84	.10	2.1
50	6.68	32.78	25.74	222	71.43	1.40	14.95	.30	2.7
135	6.14	33.05	26.02	247	78.64	1.25	13.86	.24	4.1

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	P04-P MIKROGRAMATOM PR.LITER	SUM N MIKROGRAMATOM PR.LITER	FOSFOR TIL NITROGEN
0	.67	21.17	1 31.60
5	1.04	1.72	1 1.65
12	1.97	21.91	1 11.12
15	1.97	17.11	1 8.69
20	1.76	18.04	1 10.25
50	1.40	17.95	1 12.82
135	1.25	18.20	1 14.56

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON C, STEILENE

27 . 2 . 1968 . KL. 1300

DYP	TEMPERATUR	SALTHOLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
						P04-P	NO3-N	NO2-N	NH4-N
METER	GRADER C	PRMILLE		MIKRO- MOL/LITER	PROSENT	M I K R O G R A M A T O M			P R . L I T E R
0	.80	29.45	23.63	380	103.87	2.13	15.25	.32	13.9
5	1.35	30.36	24.33	290	80.87	2.18	20.89	.23	7.2
10	1.61	30.47	24.40	281	78.93	2.13	21.24	.23	7.0
15	5.05	31.15	24.65	167	51.19	2.28	23.35	.26	5.1
20	7.45	32.05	25.06	114	37.15	2.18	21.06	.09	2.1
50	7.17	32.85	25.73	206	67.06	1.56	14.47	.15	1.7
95	6.43	33.02	25.96	242	77.55	1.40	10.83	.13	2.3

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	P04-P MIKROGRAMATOM PR.LITER	SUM N	FOSFOR TIL NITROGEN	
0	2.13	29.47	1	13.84
5	2.18	28.32	1	12.99
10	2.13	28.47	1	13.37
15	2.28	28.71	1	12.59
20	2.18	23.25	1	10.67
50	1.56	16.32	1	10.46
95	1.40	13.26	1	9.47

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON D. LYSAKERFJORDEN

27 . 2 . 1968 . KL. 1500

DYP	TEMPERATUR	SALTHOLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PRC MILLE		MIKRO- MOL/LITER	PROSENT	P04-P	N03-N	N02-N	NH4-N
						M I K R O G R A M A T O M			P R . L I T E R
0	.20	29.38	23.60	358	96.34	1.45	13.27	.28	13.0
8	2.06	30.27	24.21	258	73.17	2.60	28.58	.26	8.8
10	2.08	30.51	24.40	254	72.19	2.39	31.78	.24	8.7
20	7.53	32.12	25.10	91	29.72	2.80	27.90	.09	1.8
25	7.68	32.22	25.16	82	26.89	2.75	26.74	.06	1.7
30	7.78	32.27	25.19	87	28.61	2.34	25.56	.06	2.0
45	7.82	32.50	25.41	176	58.03	1.61	20.82	.09	2.9
75	7.39	32.76	25.63	186	60.81	4.20	20.61	.21	3.9

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	P04-P MIKROGRAMATOM PR. LITER	SUM N	FOSFOR TIL NITROGEN
0	1.45	26.55	1 18.31
8	2.60	37.64	1 14.48
10	2.39	40.72	1 17.04
20	2.80	29.79	1 10.64
25	2.75	28.50	1 10.36
30	2.34	27.62	1 11.80
45	1.61	23.81	1 14.79
75	4.20	24.72	1 5.89

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON E SVARTSKOG

27 . 2 . 1968 . KL.1500

DYP	TEMPERATUR	SALTHOLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PRC MILLE		MIKRO- MOL/LITER	PROSENT	P04-P M I K R O G R A M A T O M	N03-N M I K R O G R A M A T O M	N02-N M I K R O G R A M A T O M	NH4-N P R . L I T E R
0	.40	30.11	24.17	299	81.29	3.12	32.54	.35	15.1
10	2.00	30.58	24.46	256	72.65	2.70	32.84	.61	8.6
20	6.32	31.82	25.03	96	30.44	2.44	27.75	.09	2.3
25	7.28	32.12	25.14	79	25.66	2.28	28.54	.09	1.8
40	7.76	32.49	25.36	97	31.93	2.75	26.82	.10	1.8
50	7.72	32.67	25.51	122	40.16	2.55	24.51	.09	2.0
55	7.57	32.67	25.53	146	47.90	2.39	24.61	.09	1.9
65	6.31	32.91	25.89	13	4.15	2.58	29.90	.08	1.6
150	6.26	33.57	26.41	0	0	8.83	12.08	.12	4.7

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	P04-P MIKROGRAMATOM PR.LITER	SUM N MIKROGRAMATOM PR.LITER	FOSFOR TIL NITROGEN
0	3.12	47.99	1 15.38
10	2.70	42.05	1 15.57
20	2.44	30.14	1 12.35
25	2.28	30.43	1 13.35
40	2.75	28.72	1 10.44
50	2.55	26.60	1 10.43
55	2.39	26.60	1 11.13
65	2.58	31.58	1 12.24
150	8.83	16.90	1 1.91

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON A,ELLE

22 . 8 . 1968 . KL. 0900

DYP	TEMPERATUR	SALTHCLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PRMILLE		MIKRO- MOL/LITER	PROSENT	P04-P M I K R O G R A M A T O M	N03-N M I K R O G R A M A T O M	N02-N M I K R O G R A M A T O M	NH4-N P R . L I T E R
0	17.00	21.41	15.17	249	93.35	1.66	.67	.18	8.0
15	16.47	23.20	16.64	169	63.35	1.66	1.21	.22	3.2
20	11.65	29.16	22.15	204	71.63	1.93	7.31	.21	2.8
30	8.70	31.61	24.54	209	69.86	1.97	10.79	.19	2.0
35	7.30	32.65	25.55	230	74.99	1.97	10.80	.18	2.5
40	6.61	33.05	25.96	236	75.95	2.08	10.80	.11	2.0
100	5.96	34.66	27.31	238	76.27	2.28	12.68	.09	1.5
160	5.87	34.64	27.31	266	85.05	2.08	11.66	.25	1.8

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	P04-P MIKROGRAMATOM PR.LITER	SUM N	FOSFOR TIL NITROGEN
0	1.66	8.85	1 5.33
15	1.66	4.63	1 2.79
20	1.93	10.32	1 5.35
30	1.97	12.98	1 6.59
35	1.97	13.48	1 6.84
40	2.08	12.91	1 6.21
100	2.28	14.27	1 6.26
160	2.08	13.71	1 6.59

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON BRYAOYA

22 . 8 . 1968 . KL.1100

DYP	TEMPERATUR	SALTHOLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PRMILLE		MIKRO- MOL/LITER	PROSENT	P04-P M I K R O G R A M A T O M	NO3-N M I K R O G R A M A T O M	NO2-N M I K R O G R A M A T O M	NH4-N P R . L I T E R
0	17.00	22.11	15.70	248	93.36	1.56	1.09	.12	14.3
5	16.98	22.29	15.84	238	89.66	1.56	.96	.16	1.2
10	12.40	27.56	20.78	191	67.49	1.92	5.16	.25	1.2
15	9.57	30.11	23.23	186	62.78	2.13	9.92	.21	.9
20	8.68	30.96	24.03	192	63.88	2.55	11.09	.19	2.2
40	7.37	32.40	25.35	189	61.62	2.23	12.04	.12	1.9
70	6.78	32.70	25.66	138	44.48	2.18	15.20	.09	1.3
135	6.72	32.69	25.66	136	43.77	2.99	14.91	.19	1.6

BEREGNET FØRHOLD FOSFOR NITROGEN I ATOMER

DYP METER	P04-P MIKROGRAMATOM PR.LITER	SUM N MIKROGRAMATOM PR.LITER	FOSFOR TIL NITROGEN
0	1.56	15.51	1 9.94
5	1.56	2.32	1 1.49
10	1.92	6.61	1 3.44
15	2.13	11.03	1 5.18
20	2.55	13.48	1 5.29
40	2.23	14.06	1 6.30
70	2.18	16.59	1 7.61
135	2.99	16.70	1 5.59

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON C, STEILENE

22 . 8 . 1968 . KL. 1300

DYP	TEMPERATUR	SALTHOLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PERMILLE		MIKRO- MOL/LITER	PROSENT	P04-P M I K R O G R A M A T O M	NO3-N M I K R O G R A M A T O M	NO2-N M I K R O G R A M A T O M	NH4-N P R . L I T E R
0	18.00	21.87	15.30	256	98.22	1.97	.53	.15	5.7
5	-0.99	25.82	0	251	62.09	1.87	.26	.09	1.4
10	13.63	28.89	21.58	141	51.56	2.23	.73	.15	3.0
17	8.80	30.56	23.70	167	55.57	1.04	13.09	.17	1.2
30	7.10	31.94	25.02	142	45.88	2.96	15.66	.17	1.7
40	6.89	32.44	25.44	106	34.19	3.74	16.69	.09	1.1
50	6.86	32.60	25.57	73	23.56	4.00	16.19	.11	1.1
60	6.84	32.63	25.60	78	25.16	3.69	16.63	.12	1.8
95	6.74	32.87	25.80	101	32.56	3.69	14.96	.20	1.8

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	P04-P MIKROGRAMATOM PR. LITER	SUM N MIKROGRAMATOM PR. LITER	FOSFOR TIL NITROGEN
0	1.97	6.38	1 3.24
5	1.87	1.75	1 .94
10	2.23	3.88	1 1.74
17	1.04	14.46	1 13.90
30	2.96	17.53	1 5.92
40	3.74	17.88	1 4.78
50	4.00	17.40	1 4.35
60	3.69	18.55	1 5.03
95	3.69	16.96	1 4.60

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON D. LYSAKERFJORDEN

22 . 8 . 1968 . KL. 1500

DYP	TEMPERATUR	SALTHOLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PRMILLE		MIKRO- MOL/LITER	PROSENT	PO4-P M I K R O G R A M A T O M	NO3-N M I K R O G R A M A T O M	NO2-N M I K R O G R A M A T O M	NH4-N P R . L I T E R
0	18.00	21.62	15.11	289	110.71	2.13	.65	.15	7.0
5	17.90	21.85	15.30	246	94.18	1.97	1.60	.13	3.8
15	7.88	29.67	23.14	75	24.30	4.10	23.21	.11	1.3
20	7.61	30.59	23.89	108	34.99	3.90	18.91	.14	2.3
45	7.05	32.62	25.56	46	14.91	3.53	-0.99	.15	1.8
80	7.07	32.74	25.65	35	11.36	4.88	14.76	.24	2.2

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	PO4-P MIKROGRAMATOM PR. LITER	SUM N MIKROGRAMATOM PR. LITER	FOSFOR TIL NITROGEN
0	2.13	7.80	1 3.66
5	1.97	5.53	1 2.81
15	4.10	24.62	1 6.00
20	3.90	21.35	1 5.47
45	3.53	.96	1 .27
80	4.88	17.20	1 3.52

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER

STASJON E. SVARTSKOG

22 . 8 . 1968 . KL. 1700

DYP	TEMPERATUR	SALTHCLDIGHET	SIGMA T	OXYGEN	OXYGEN- METNING	ORTOFOSFAT	NITRAT	NITRIT	AMMONIUM OG LABILE AMINOKOMPONENTER
METER	GRADER C	PERMILLE		MIKRO- MOL/LITER	PROSENT	P04-P M I K R O G R A M A T O M	NO3-N M I K R O G R A M A T O M	NO2-N M I K R O G R A M A T O M	NH4-N P R . L I T E R
0	18.00	21.85	15.28	263	100.89	2.03	.70	.13	5.9
10	15.88	23.07	16.67	133	49.21	2.49	1.36	.21	4.9
15	7.59	29.00	22.65	53	16.99	3.53	24.22	.10	2.7
20	7.03	30.23	23.69	99	31.58	3.43	21.28	.16	1.8
35	6.98	32.20	25.24	50	16.14	3.90	19.73	.80	1.7
60	7.10	32.88	25.76	103	33.48	3.53	16.00	.17	1.0
70	6.68	33.00	25.91	17	5.48	4.88	13.34	.08	1.1
150	6.46	33.51	26.34	0	0	8.73	2.93	.08	6.3

BEREGNET FORHOLD FOSFOR NITROGEN I ATOMER

DYP METER	P04-P MIKROGRAMATOM PR. LITER	SUM N	FOSFOR TIL NITROGEN
0	2.03	6.73	1 3.32
10	2.49	6.47	1 2.60
15	3.53	27.02	1 7.65
20	3.43	23.24	1 6.78
35	3.90	22.23	1 5.70
60	3.53	17.17	1 4.86
70	4.88	14.52	1 2.98
150	8.73	9.31	1 1.07

-99 ELLER -9.9 ELLER -0.99 I TABELLEN BETYR AT OBSERVASJONEN MANGLER


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*****
VARIABLE X      VERSUS  VARIABLE Y      NUMBER      STANDARD DEV.      PEARSON#S
NO.  NAME      NO.  NAME      OF CASES      X MEAN  Y MEAN      X      Y      R
*****
1  TEMP      1  TEMP      346      747.47  747.47      371.42  371.42      1.000
1  TEMP      2  S 0/00    346      747.47  2896.85     371.42  498.82     -0.480
1  TEMP      3  OXYGEN    346      747.47  193.72     371.42  102.27     -0.044
1  TEMP      4  P04      346      747.47  187.01     371.42  113.59     -0.137
1  TEMP      5  NO3-N    346      747.47  1855.54     371.42  1147.88     -0.553
1  TEMP      6  NO2-N    346      747.47  20.66      371.42  21.84     -0.135
1  TEMP      7  NH4-N    346      747.47  43.41      371.42  43.79     -0.258

2  S 0/00    2  S 0/00    346      2896.85  2896.85     498.82  498.82     1.000
2  S 0/00    3  OXYGEN    346      2896.85  193.72     498.82  102.27     -0.551
2  S 0/00    4  P04      346      2896.85  187.01     498.82  113.59     .322
2  S 0/00    5  NO3-N    346      2896.85  1855.54     498.82  1147.88     .468
2  S 0/00    6  NO2-N    346      2896.85  20.66      498.82  21.84     -0.291
2  S 0/00    7  NH4-N    346      2896.85  43.41      498.82  43.79     -0.322

3  OXYGEN    3  OXYGEN    346      193.72  193.72     102.27  102.27     1.000
3  OXYGEN    4  P04      346      193.72  187.01     102.27  113.59     -0.534
3  OXYGEN    5  NO3-N    346      193.72  1855.54     102.27  1147.88     -0.355
3  OXYGEN    6  NO2-N    346      193.72  20.66      102.27  21.84     .277
3  OXYGEN    7  NH4-N    346      193.72  43.41      102.27  43.79     .431

4  P04      4  P04      346      187.01  187.01     113.59  113.59     1.000
4  P04      5  NO3-N    346      187.01  1855.54     113.59  1147.88     .312
4  P04      6  NO2-N    346      187.01  20.66      113.59  21.84     .027
4  P04      7  NH4-N    346      187.01  43.41      113.59  43.79     -0.047

5  NO3-N    5  NO3-N    346      1855.54  1855.54     1147.88  1147.88     1.000
5  NO3-N    6  NO2-N    346      1855.54  20.66      1147.88  21.84     -0.059
5  NO3-N    7  NH4-N    346      1855.54  43.41      1147.88  43.79     .133

6  NO2-N    6  NO2-N    346      20.66  20.66      21.84  21.84     1.000
6  NO2-N    7  NH4-N    346      20.66  43.41      21.84  43.79     .313

7  NH4-N    7  NH4-N    346      43.41  43.41      43.79  43.79     1.000

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VARIABLE X		VERSUS	VARIABLE Y		NUMBER	X MEAN	Y MEAN	STANDARD DEV.		PEARSON'S
NO.	NAME		NO.	NAME	OF CASES			X	Y	R
1	NH4-N		1	NH4-N	80	76.74	76.74	58.66	58.66	1.000
1	NH4-N		2	NO2-N	80	76.74	33.61	58.66	25.49	.448
1	NH4-N		3	NO3-N	80	76.74	1334.43	58.66	1525.78	.443
1	NH4-N		4	P04	80	76.74	143.11	58.66	67.95	.163
1	NH4-N		5	OXYGEN	80	76.74	304.14	58.66	76.96	.276
1	NH4-N		6	S 0/00	80	76.74	2275.71	58.66	467.61	-0.029
1	NH4-N		7	TEMP	80	76.74	848.89	58.66	590.30	-0.427
2	NO2-N		2	NO2-N	80	33.61	33.61	25.49	25.49	1.000
2	NO2-N		3	NO3-N	80	33.61	1334.43	25.49	1525.78	.354
2	NO2-N		4	P04	80	33.61	143.11	25.49	67.95	.301
2	NO2-N		5	OXYGEN	80	33.61	304.14	25.49	76.96	.251
2	NO2-N		6	S 0/00	80	33.61	2275.71	25.49	467.61	-0.271
2	NO2-N		7	TEMP	80	33.61	848.89	25.49	590.30	-0.358
3	NO3-N		3	NO3-N	80	1334.43	1334.43	1525.78	1525.78	1.000
3	NO3-N		4	P04	80	1334.43	143.11	1525.78	67.95	.417
3	NO3-N		5	OXYGEN	80	1334.43	304.14	1525.78	76.96	.047
3	NO3-N		6	S 0/00	80	1334.43	2275.71	1525.78	467.61	.303
3	NO3-N		7	TEMP	80	1334.43	848.89	1525.78	590.30	-0.613
4	P04		4	P04	80	143.11	143.11	67.95	67.95	1.000
4	P04		5	OXYGEN	80	143.11	304.14	67.95	76.96	-0.128
4	P04		6	S 0/00	80	143.11	2275.71	67.95	467.61	.017
4	P04		7	TEMP	80	143.11	848.89	67.95	590.30	-0.137
5	OXYGEN		5	OXYGEN	80	304.14	304.14	76.96	76.96	1.000
5	OXYGEN		6	S 0/00	80	304.14	2275.71	76.96	467.61	-0.117
5	OXYGEN		7	TEMP	80	304.14	848.89	76.96	590.30	-0.264
6	S 0/00		6	S 0/00	80	2275.71	2275.71	467.61	467.61	1.000
6	S 0/00		7	TEMP	80	2275.71	848.89	467.61	590.30	-0.567
7	TEMP		7	TEMP	80	848.89	848.89	590.30	590.30	1.000

VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	64	41.02	41.02	33.87	33.87	1.000
1	NH4-N	2	NO2-N	64	41.02	22.25	33.87	16.88	.014
1	NH4-N	3	NO3-N	64	41.02	1442.45	33.87	1087.26	.165
1	NH4-N	4	PO4	64	41.02	145.52	33.87	74.54	-0.019
1	NH4-N	5	OXYGEN	64	41.02	211.95	33.87	84.97	.441
1	NH4-N	6	S 0/00	64	41.02	2697.52	33.87	413.47	.010
1	NH4-N	7	TEMP	64	41.02	798.59	33.87	442.08	-0.413
2	NO2-N	2	NO2-N	64	22.25	22.25	16.88	16.88	1.000
2	NO2-N	3	NO3-N	64	22.25	1442.45	16.88	1087.26	-0.013
2	NO2-N	4	PO4	64	22.25	145.52	16.88	74.54	-0.094
2	NO2-N	5	OXYGEN	64	22.25	211.95	16.88	84.97	.244
2	NO2-N	6	S 0/00	64	22.25	2697.52	16.88	413.47	.154
2	NO2-N	7	TEMP	64	22.25	798.59	16.88	442.08	-0.152
3	NO3-N	3	NO3-N	64	1442.45	1442.45	1087.26	1087.26	1.000
3	NO3-N	4	PO4	64	1442.45	145.52	1087.26	74.54	.413
3	NO3-N	5	OXYGEN	64	1442.45	211.95	1087.26	84.97	-0.180
3	NO3-N	6	S 0/00	64	1442.45	2697.52	1087.26	413.47	.671
3	NO3-N	7	TEMP	64	1442.45	798.59	1087.26	442.08	-0.616
4	PO4	4	PO4	64	145.52	145.52	74.54	74.54	1.000
4	PO4	5	OXYGEN	64	145.52	211.95	74.54	84.97	-0.484
4	PO4	6	S 0/00	64	145.52	2697.52	74.54	413.47	.374
4	PO4	7	TEMP	64	145.52	798.59	74.54	442.08	-0.107
5	OXYGEN	5	OXYGEN	64	211.95	211.95	84.97	84.97	1.000
5	OXYGEN	6	S 0/00	64	211.95	2697.52	84.97	413.47	-0.128
5	OXYGEN	7	TEMP	64	211.95	798.59	84.97	442.08	-0.432
6	S 0/00	6	S 0/00	64	2697.52	2697.52	413.47	413.47	1.000
6	S 0/00	7	TEMP	64	2697.52	798.59	413.47	442.08	-0.647
7	TEMP	7	TEMP	64	798.59	798.59	442.08	442.08	1.000

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VARIABLE X      VERSUS  VARIABLE Y      NUMBER      STANDARD DEV.  PEARSON#S
NO.  NAME      NO.  NAME      OF CASES      X MEAN  Y MEAN      X      Y      R
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1  NH4-N      1  NH4-N      54      34.00  34.00      33.38  33.38      1.000
1  NH4-N      2  NO2-N      54      34.00  12.44      33.38  7.87      .137
1  NH4-N      3  NO3-N      54      34.00  2237.98     33.38  867.05     .158
1  NH4-N      4  P04       54      34.00  184.72     33.38  130.62     .163
1  NH4-N      5  OXYGEN    54      34.00  178.00     33.38  67.26     .554
1  NH4-N      6  S 0/00   54      34.00  3033.78    33.38  180.62     .005
1  NH4-N      7  TEMP     54      34.00  699.06     33.38  291.15    -0.409

2  NO2-N      2  NO2-N      54      12.44  12.44      7.87   7.87      1.000
2  NO2-N      3  NO3-N      54      12.44  2237.98     7.87  867.05    -0.308
2  NO2-N      4  P04       54      12.44  184.72     7.87  130.62    -0.121
2  NO2-N      5  OXYGEN    54      12.44  178.00     7.87  67.26     .521
2  NO2-N      6  S 0/00   54      12.44  3033.78    7.87  180.62    -0.167
2  NO2-N      7  TEMP     54      12.44  699.06     7.87  291.15    -0.177

3  NO3-N      3  NO3-N      54      2237.98 2237.98     867.05 867.05     1.000
3  NO3-N      4  P04       54      2237.98 184.72     867.05 130.62     .314
3  NO3-N      5  OXYGEN    54      2237.98 178.00     867.05 67.26     -0.362
3  NO3-N      6  S 0/00   54      2237.98 3033.78    867.05 180.62     .384
3  NO3-N      7  TEMP     54      2237.98 699.06     867.05 291.15    -0.431

4  P04       4  P04       54      184.72 184.72     130.62 130.62     1.000
4  P04       5  OXYGEN    54      184.72 178.00     130.62 67.26     -0.312
4  P04       6  S 0/00   54      184.72 3033.78    130.62 180.62     .166
4  P04       7  TEMP     54      184.72 699.06     130.62 291.15    -0.020

5  OXYGEN     5  OXYGEN    54      178.00 178.00     67.26 67.26     1.000
5  OXYGEN     6  S 0/00   54      178.00 3033.78    67.26 180.62    -0.295
5  OXYGEN     7  TEMP     54      178.00 699.06     67.26 291.15    -0.338

6  S 0/00    6  S 0/00   54      3033.78 3033.78    180.62 180.62     1.000
6  S 0/00    7  TEMP     54      3033.78 699.06     180.62 291.15    -0.314

7  TEMP      7  TEMP     54      699.06 699.06     291.15 291.15     1.000

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VARIABLE X		VERSUS	VARIABLE Y		NUMBER OF CASES	X MEAN	Y MEAN	STANDARD DEV.		PEARSON'S R
NO.	NAME		NO.	NAME				X	Y	
1	NH4-N		1	NH4-N	30	34.50	34.50	31.70	31.70	1.000
1	NH4-N		2	NO2-N	30	34.50	14.43	31.70	14.40	-0.017
1	NH4-N		3	NO3-N	30	34.50	2250.67	31.70	945.22	.124
1	NH4-N		4	P04	30	34.50	193.50	31.70	74.46	-0.195
1	NH4-N		5	OXYGEN	30	34.50	150.17	31.70	64.32	.358
1	NH4-N		6	S 0/00	30	34.50	3160.07	31.70	98.31	.057
1	NH4-N		7	TEMP	30	34.50	711.10	31.70	171.66	-0.481
2	NO2-N		2	NO2-N	30	14.43	14.43	14.40	14.40	1.000
2	NO2-N		3	NO3-N	30	14.43	2250.67	14.40	945.22	-0.213
2	NO2-N		4	P04	30	14.43	193.50	14.40	74.46	.318
2	NO2-N		5	OXYGEN	30	14.43	150.17	14.40	64.32	.107
2	NO2-N		6	S 0/00	30	14.43	3160.07	14.40	98.31	.096
2	NO2-N		7	TEMP	30	14.43	711.10	14.40	171.66	-0.132
3	NO3-N		3	NO3-N	30	2250.67	2250.67	945.22	945.22	1.000
3	NO3-N		4	P04	30	2250.67	193.50	945.22	74.46	.343
3	NO3-N		5	OXYGEN	30	2250.67	150.17	945.22	64.32	-0.553
3	NO3-N		6	S 0/00	30	2250.67	3160.07	945.22	98.31	.400
3	NO3-N		7	TEMP	30	2250.67	711.10	945.22	171.66	-0.496
4	P04		4	P04	30	193.50	193.50	74.46	74.46	1.000
4	P04		5	OXYGEN	30	193.50	150.17	74.46	64.32	-0.541
4	P04		6	S 0/00	30	193.50	3160.07	74.46	98.31	.341
4	P04		7	TEMP	30	193.50	711.10	74.46	171.66	-0.185
5	OXYGEN		5	OXYGEN	30	150.17	150.17	64.32	64.32	1.000
5	OXYGEN		6	S 0/00	30	150.17	3160.07	64.32	98.31	-0.136
5	OXYGEN		7	TEMP	30	150.17	711.10	64.32	171.66	-0.089
6	S 0/00		6	S 0/00	30	3160.07	3160.07	98.31	98.31	1.000
6	S 0/00		7	TEMP	30	3160.07	711.10	98.31	171.66	-0.308
7	TEMP		7	TEMP	30	711.10	711.10	171.66	171.66	1.000

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VARIABLE X      VERSUS      VARIABLE Y      NUMBER      STANDARD DEV.      PEARSON'S
NO.  NAME      NO.  NAME      OF CASES      X MEAN      Y MEAN      X      Y      R
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1  NH4-N      1  NH4-N      119      29.34      29.34      30.98      30.98      1.000
1  NH4-N      2  NO2-N      119      29.34      16.66      30.98      23.77      .038
1  NH4-N      3  NO3-N      119      29.34      2170.41      30.98      806.92      .240
1  NH4-N      4  P04      119      29.34      237.63      30.98      133.59      .080
1  NH4-N      5  OXYGEN      119      29.34      129.39      30.98      82.48      -0.021
1  NH4-N      6  S 0/00      119      29.34      3290.63      30.98      88.69      .088
1  NH4-N      7  TEMP      119      29.34      678.79      30.98      88.86      -0.133

2  NO2-N      2  NO2-N      119      16.66      16.66      23.77      23.77      1.000
2  NO2-N      3  NO3-N      119      16.66      2170.41      23.77      806.92      -0.158
2  NO2-N      4  P04      119      16.66      237.63      23.77      133.59      .155
2  NO2-N      5  OXYGEN      119      16.66      129.39      23.77      82.48      -0.090
2  NO2-N      6  S 0/00      119      16.66      3290.63      23.77      88.69      .213
2  NO2-N      7  TEMP      119      16.66      678.79      23.77      88.86      -0.143

3  NO3-N      3  NO3-N      119      2170.41      2170.41      806.92      806.92      1.000
3  NO3-N      4  P04      119      2170.41      237.63      806.92      133.59      .073
3  NO3-N      5  OXYGEN      119      2170.41      129.39      806.92      82.48      -0.381
3  NO3-N      6  S 0/00      119      2170.41      3290.63      806.92      88.69      -0.040
3  NO3-N      7  TEMP      119      2170.41      678.79      806.92      88.86      -0.276

4  P04      4  P04      119      237.63      237.63      133.59      133.59      1.000
4  P04      5  OXYGEN      119      237.63      129.39      133.59      82.48      -0.658
4  P04      6  S 0/00      119      237.63      3290.63      133.59      88.69      .101
4  P04      7  TEMP      119      237.63      678.79      133.59      88.86      -0.206

5  OXYGEN      5  OXYGEN      119      129.39      129.39      82.48      82.48      1.000
5  OXYGEN      6  S 0/00      119      129.39      3290.63      82.48      88.69      .307
5  OXYGEN      7  TEMP      119      129.39      678.79      82.48      88.86      .124

6  S 0/00      6  S 0/00      119      3290.63      3290.63      88.69      88.69      1.000
6  S 0/00      7  TEMP      119      3290.63      678.79      88.69      88.86      -0.116

7  TEMP      7  TEMP      119      678.79      678.79      88.86      88.86      1.000

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VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	34	41.29	41.29	28.31	28.31	1.000
1	NH4-N	2	NO2-N	34	41.29	13.97	28.31	12.69	.869
1	NH4-N	3	NO3-N	34	41.29	2967.09	28.31	899.24	.408
1	NH4-N	4	P04	34	41.29	153.91	28.31	61.39	-0.432
1	NH4-N	5	OXYGEN	34	41.29	221.50	28.31	102.81	.750
1	NH4-N	6	S 0/00	34	41.29	3054.24	28.31	310.54	-0.828
1	NH4-N	7	TEMP	34	41.29	491.32	28.31	187.74	-0.692
2	NO2-N	2	NO2-N	34	13.97	13.97	12.69	12.69	1.000
2	NO2-N	3	NO3-N	34	13.97	2967.09	12.69	899.24	.555
2	NO2-N	4	P04	34	13.97	153.91	12.69	61.39	-0.270
2	NO2-N	5	OXYGEN	34	13.97	221.50	12.69	102.81	.610
2	NO2-N	6	S 0/00	34	13.97	3054.24	12.69	310.54	-0.786
2	NO2-N	7	TEMP	34	13.97	491.32	12.69	187.74	-0.585
3	NO3-N	3	NO3-N	34	2967.09	2967.09	899.24	899.24	1.000
3	NO3-N	4	P04	34	2967.09	153.91	899.24	61.39	.490
3	NO3-N	5	OXYGEN	34	2967.09	221.50	899.24	102.81	-0.177
3	NO3-N	6	S 0/00	34	2967.09	3054.24	899.24	310.54	-0.211
3	NO3-N	7	TEMP	34	2967.09	491.32	899.24	187.74	.125
4	P04	4	P04	34	153.91	153.91	61.39	61.39	1.000
4	P04	5	OXYGEN	34	153.91	221.50	61.39	102.81	-0.880
4	P04	6	S 0/00	34	153.91	3054.24	61.39	310.54	.629
4	P04	7	TEMP	34	153.91	491.32	61.39	187.74	.694
5	OXYGEN	5	OXYGEN	34	221.50	221.50	102.81	102.81	1.000
5	OXYGEN	6	S 0/00	34	221.50	3054.24	102.81	310.54	-0.857
5	OXYGEN	7	TEMP	34	221.50	491.32	102.81	187.74	-0.871
6	S 0/00	6	S 0/00	34	3054.24	3054.24	310.54	310.54	1.000
6	S 0/00	7	TEMP	34	3054.24	491.32	310.54	187.74	.872
7	TEMP	7	TEMP	34	491.32	491.32	187.74	187.74	1.000

VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	33	127.73	127.73	46.46	46.46	1.000
1	NH4-N	2	NO2-N	33	127.73	19.70	46.46	16.62	.532
1	NH4-N	3	NO3-N	33	127.73	2900.70	46.46	891.64	.205
1	NH4-N	4	P04	33	127.73	203.30	46.46	169.75	-0.193
1	NH4-N	5	OXYGEN	33	127.73	214.39	46.46	97.40	.549
1	NH4-N	6	S 0/00	33	127.73	3002.24	46.46	494.10	-0.656
1	NH4-N	7	TEMP	33	127.73	557.94	46.46	129.83	.089
2	NO2-N	2	NO2-N	33	19.70	19.70	16.62	16.62	1.000
2	NO2-N	3	NO3-N	33	19.70	2900.70	16.62	891.64	.527
2	NO2-N	4	P04	33	19.70	203.30	16.62	169.75	.018
2	NO2-N	5	OXYGEN	33	19.70	214.39	16.62	97.40	.607
2	NO2-N	6	S 0/00	33	19.70	3002.24	16.62	494.10	-0.901
2	NO2-N	7	TEMP	33	19.70	557.94	16.62	129.83	.136
3	NO3-N	3	NO3-N	33	2900.70	2900.70	891.64	891.64	1.000
3	NO3-N	4	P04	33	2900.70	203.30	891.64	169.75	.426
3	NO3-N	5	OXYGEN	33	2900.70	214.39	891.64	97.40	-0.083
3	NO3-N	6	S 0/00	33	2900.70	3002.24	891.64	494.10	-0.586
3	NO3-N	7	TEMP	33	2900.70	557.94	891.64	129.83	.592
4	P04	4	P04	33	203.30	203.30	169.75	169.75	1.000
4	P04	5	OXYGEN	33	203.30	214.39	169.75	97.40	-0.397
4	P04	6	S 0/00	33	203.30	3002.24	169.75	494.10	.048
4	P04	7	TEMP	33	203.30	557.94	169.75	129.83	.298
5	OXYGEN	5	OXYGEN	33	214.39	214.39	97.40	97.40	1.000
5	OXYGEN	6	S 0/00	33	214.39	3002.24	97.40	494.10	-0.686
5	OXYGEN	7	TEMP	33	214.39	557.94	97.40	129.83	-0.418
6	S 0/00	6	S 0/00	33	3002.24	3002.24	494.10	494.10	1.000
6	S 0/00	7	TEMP	33	3002.24	557.94	494.10	129.83	-0.137
7	TEMP	7	TEMP	33	557.94	557.94	129.83	129.83	1.000

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VARIABLE X      VERSUS  VARIABLE Y      NUMBER      STANDARD DEV.  PEARSON*S
NO.  NAME      NO.  NAME      OF CASES      X MEAN  Y MEAN      X      Y      R
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1  NH4-N      1  NH4-N      35      31.20  31.20      25.15  25.15      1.000
1  NH4-N      2  NO2-N      35      31.20  33.66      25.15  16.10      .635
1  NH4-N      3  NO3-N      35      31.20  1468.00     25.15  1229.76     -0.668
1  NH4-N      4  PO4       35      31.20  161.11      25.15  88.95      -0.529
1  NH4-N      5  OXYGEN    35      31.20  249.83      25.15  130.55     .766
1  NH4-N      6  S 0/00   35      31.20  2819.54     25.15  490.20     -0.819
1  NH4-N      7  TEMP      35      31.20  681.91      25.15  211.49     .758

2  NO2-N      2  NO2-N      35      33.66  33.66      16.10  16.10      1.000
2  NO2-N      3  NO3-N      35      33.66  1468.00     16.10  1229.76     -0.580
2  NO2-N      4  PO4       35      33.66  161.11      16.10  88.95      -0.284
2  NO2-N      5  OXYGEN    35      33.66  249.83      16.10  130.55     .525
2  NO2-N      6  S 0/00   35      33.66  2819.54     16.10  490.20     -0.618
2  NO2-N      7  TEMP      35      33.66  681.91      16.10  211.49     .551

3  NO3-N      3  NO3-N      35      1468.00  1468.00     1229.76  1229.76     1.000
3  NO3-N      4  PO4       35      1468.00  161.11      1229.76  88.95      .807
3  NO3-N      5  OXYGEN    35      1468.00  249.83      1229.76  130.55     -0.859
3  NO3-N      6  S 0/00   35      1468.00  2819.54     1229.76  490.20     .887
3  NO3-N      7  TEMP      35      1468.00  681.91      1229.76  211.49     -0.502

4  PO4       4  PO4       35      161.11  161.11      88.95  88.95      1.000
4  PO4       5  OXYGEN    35      161.11  249.83      88.95  130.55     -0.790
4  PO4       6  S 0/00   35      161.11  2819.54     88.95  490.20     .691
4  PO4       7  TEMP      35      161.11  681.91      88.95  211.49     -0.164

5  OXYGEN    5  OXYGEN    35      249.83  249.83      130.55  130.55     1.000
5  OXYGEN    6  S 0/00   35      249.83  2819.54     130.55  490.20     -0.876
5  OXYGEN    7  TEMP      35      249.83  681.91      130.55  211.49     .625

6  S 0/00    6  S 0/00   35      2819.54  2819.54     490.20  490.20     1.000
6  S 0/00    7  TEMP      35      2819.54  681.91      490.20  211.49     -0.717

7  TEMP      7  TEMP      35      681.91  681.91      211.49  211.49     1.000

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VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	28	48.00	48.00	32.72	32.72	1.000
1	NH4-N	2	NO2-N	28	48.00	14.68	32.72	16.98	.636
1	NH4-N	3	NO3-N	28	48.00	1346.57	32.72	1203.04	-0.518
1	NH4-N	4	P04	28	48.00	134.71	32.72	114.00	.117
1	NH4-N	5	OXYGEN	28	48.00	195.36	32.72	106.95	.418
1	NH4-N	6	S 0/00	28	48.00	2487.57	32.72	687.11	-0.432
1	NH4-N	7	TEMP	28	48.00	900.57	32.72	369.15	.332
2	NO2-N	2	NO2-N	28	14.68	14.68	16.98	16.98	1.000
2	NO2-N	3	NO3-N	28	14.68	1346.57	16.98	1203.04	-0.180
2	NO2-N	4	P04	28	14.68	134.71	16.98	114.00	.094
2	NO2-N	5	OXYGEN	28	14.68	195.36	16.98	106.95	.043
2	NO2-N	6	S 0/00	28	14.68	2487.57	16.98	687.11	-0.244
2	NO2-N	7	TEMP	28	14.68	900.57	16.98	369.15	.280
3	NO3-N	3	NO3-N	28	1346.57	1346.57	1203.04	1203.04	1.000
3	NO3-N	4	P04	28	1346.57	134.71	1203.04	114.00	.458
3	NO3-N	5	OXYGEN	28	1346.57	195.36	1203.04	106.95	-0.877
3	NO3-N	6	S 0/00	28	1346.57	2487.57	1203.04	687.11	.906
3	NO3-N	7	TEMP	28	1346.57	900.57	1203.04	369.15	-0.775
4	P04	4	P04	28	134.71	134.71	114.00	114.00	1.000
4	P04	5	OXYGEN	28	134.71	195.36	114.00	106.95	-0.297
4	P04	6	S 0/00	28	134.71	2487.57	114.00	687.11	.409
4	P04	7	TEMP	28	134.71	900.57	114.00	369.15	-0.310
5	OXYGEN	5	OXYGEN	28	195.36	195.36	106.95	106.95	1.000
5	OXYGEN	6	S 0/00	28	195.36	2487.57	106.95	687.11	-0.821
5	OXYGEN	7	TEMP	28	195.36	900.57	106.95	369.15	.695
6	S 0/00	6	S 0/00	28	2487.57	2487.57	687.11	687.11	1.000
6	S 0/00	7	TEMP	28	2487.57	900.57	687.11	369.15	-0.903
7	TEMP	7	TEMP	28	900.57	900.57	369.15	369.15	1.000

VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	37	25.27	25.27	7.15	7.15	1.000
1	NH4-N	2	NO2-N	37	25.27	10.27	7.15	8.98	.489
1	NH4-N	3	NO3-N	37	25.27	1321.46	7.15	1259.03	-0.437
1	NH4-N	4	P04	37	25.27	196.49	7.15	91.60	-0.443
1	NH4-N	5	OXYGEN	37	25.27	155.81	7.15	80.31	.324
1	NH4-N	6	S 0/00	37	25.27	2624.70	7.15	576.86	-0.549
1	NH4-N	7	TEMP	37	25.27	1102.49	7.15	439.99	.470
2	NO2-N	2	NO2-N	37	10.27	10.27	8.98	8.98	1.000
2	NO2-N	3	NO3-N	37	10.27	1321.46	8.98	1259.03	-0.395
2	NO2-N	4	P04	37	10.27	196.49	8.98	91.60	-0.325
2	NO2-N	5	OXYGEN	37	10.27	155.81	8.98	80.31	.294
2	NO2-N	6	S 0/00	37	10.27	2624.70	8.98	576.86	-0.456
2	NO2-N	7	TEMP	37	10.27	1102.49	8.98	439.99	.475
3	NO3-N	3	NO3-N	37	1321.46	1321.46	1259.03	1259.03	1.000
3	NO3-N	4	P04	37	1321.46	196.49	1259.03	91.60	.725
3	NO3-N	5	OXYGEN	37	1321.46	155.81	1259.03	80.31	-0.702
3	NO3-N	6	S 0/00	37	1321.46	2624.70	1259.03	576.86	.793
3	NO3-N	7	TEMP	37	1321.46	1102.49	1259.03	439.99	-0.848
4	P04	4	P04	37	196.49	196.49	91.60	91.60	1.000
4	P04	5	OXYGEN	37	196.49	155.81	91.60	80.31	-0.765
4	P04	6	S 0/00	37	196.49	2624.70	91.60	576.86	.684
4	P04	7	TEMP	37	196.49	1102.49	91.60	439.99	-0.711
5	OXYGEN	5	OXYGEN	37	155.81	155.81	80.31	80.31	1.000
5	OXYGEN	6	S 0/00	37	155.81	2624.70	80.31	576.86	-0.672
5	OXYGEN	7	TEMP	37	155.81	1102.49	80.31	439.99	.711
6	S 0/00	6	S 0/00	37	2624.70	2624.70	576.86	576.86	1.000
6	S 0/00	7	TEMP	37	2624.70	1102.49	576.86	439.99	-0.959
7	TEMP	7	TEMP	37	1102.49	1102.49	439.99	439.99	1.000

VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON*	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	35	21.74	21.74	8.50	8.50	1.000
1	NH4-N	2	NO2-N	35	21.74	18.29	8.50	21.54	.745
1	NH4-N	3	NO3-N	35	21.74	1752.91	8.50	1062.23	-0.468
1	NH4-N	4	P04	35	21.74	150.26	8.50	59.60	-0.213
1	NH4-N	5	OXYGEN	35	21.74	185.49	8.50	99.64	.775
1	NH4-N	6	S O/00	35	21.74	2694.11	8.50	534.97	-0.751
1	NH4-N	7	TEMP	35	21.74	955.23	8.50	252.13	.389
2	NO2-N	2	NO2-N	35	18.29	18.29	21.54	21.54	1.000
2	NO2-N	3	NO3-N	35	18.29	1752.91	21.54	1062.23	-0.141
2	NO2-N	4	P04	35	18.29	150.26	21.54	59.60	.136
2	NO2-N	5	OXYGEN	35	18.29	185.49	21.54	99.64	.491
2	NO2-N	6	S O/00	35	18.29	2694.11	21.54	534.97	-0.653
2	NO2-N	7	TEMP	35	18.29	955.23	21.54	252.13	.284
3	NO3-N	3	NO3-N	35	1752.91	1752.91	1062.23	1062.23	1.000
3	NO3-N	4	P04	35	1752.91	150.26	1062.23	59.60	.785
3	NO3-N	5	OXYGEN	35	1752.91	185.49	1062.23	99.64	-0.763
3	NO3-N	6	S O/00	35	1752.91	2694.11	1062.23	534.97	.586
3	NO3-N	7	TEMP	35	1752.91	955.23	1062.23	252.13	-0.721
4	P04	4	P04	35	150.26	150.26	59.60	59.60	1.000
4	P04	5	OXYGEN	35	150.26	185.49	59.60	99.64	-0.564
4	P04	6	S O/00	35	150.26	2694.11	59.60	534.97	.216
4	P04	7	TEMP	35	150.26	955.23	59.60	252.13	-0.647
5	OXYGEN	5	OXYGEN	35	185.49	185.49	99.64	99.64	1.000
5	OXYGEN	6	S O/00	35	185.49	2694.11	99.64	534.97	-0.733
5	OXYGEN	7	TEMP	35	185.49	955.23	99.64	252.13	.476
6	S O/00	6	S O/00	35	2694.11	2694.11	534.97	534.97	1.000
6	S O/00	7	TEMP	35	2694.11	955.23	534.97	252.13	-0.644
7	TEMP	7	TEMP	35	955.23	955.23	252.13	252.13	1.000

VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1 NH4-N		1 NH4-N	35	44.17	44.17	57.01	57.01	1.000	
1 NH4-N		2 NO2-N	35	44.17	32.09	57.01	34.48	.776	
1 NH4-N		3 NO3-N	35	44.17	1329.54	57.01	497.25	.393	
1 NH4-N		4 PO4	35	44.17	159.09	57.01	78.52	.190	
1 NH4-N		5 OXYGEN	35	44.17	162.94	57.01	87.79	.573	
1 NH4-N		6 S 0/00	35	44.17	2936.40	57.01	484.81	-0.830	
1 NH4-N		7 TEMP	35	44.17	725.86	57.01	324.60	-0.770	
2 NO2-N		2 NO2-N	35	32.09	32.09	34.48	34.48	1.000	
2 NO2-N		3 NO3-N	35	32.09	1329.54	34.48	497.25	.309	
2 NO2-N		4 PO4	35	32.09	159.09	34.48	78.52	.488	
2 NO2-N		5 OXYGEN	35	32.09	162.94	34.48	87.79	.266	
2 NO2-N		6 S 0/00	35	32.09	2936.40	34.48	484.81	-0.694	
2 NO2-N		7 TEMP	35	32.09	725.86	34.48	324.60	-0.730	
3 NO3-N		3 NO3-N	35	1329.54	1329.54	497.25	497.25	1.000	
3 NO3-N		4 PO4	35	1329.54	159.09	497.25	78.52	.246	
3 NO3-N		5 OXYGEN	35	1329.54	162.94	497.25	87.79	-0.123	
3 NO3-N		6 S 0/00	35	1329.54	2936.40	497.25	484.81	-0.408	
3 NO3-N		7 TEMP	35	1329.54	725.86	497.25	324.60	-0.303	
4 PO4		4 PO4	35	159.09	159.09	78.52	78.52	1.000	
4 PO4		5 OXYGEN	35	159.09	162.94	78.52	87.79	-0.510	
4 PO4		6 S 0/00	35	159.09	2936.40	78.52	484.81	-0.050	
4 PO4		7 TEMP	35	159.09	725.86	78.52	324.60	-0.373	
5 OXYGEN		5 OXYGEN	35	162.94	162.94	87.79	87.79	1.000	
5 OXYGEN		6 S 0/00	35	162.94	2936.40	87.79	484.81	-0.613	
5 OXYGEN		7 TEMP	35	162.94	725.86	87.79	324.60	-0.377	
6 S 0/00		6 S 0/00	35	2936.40	2936.40	484.81	484.81	1.000	
6 S 0/00		7 TEMP	35	2936.40	725.86	484.81	324.60	.809	
7 TEMP		7 TEMP	35	725.86	725.86	324.60	324.60	1.000	

VARIABLE X	VERSUS	VARIABLE Y	NUMBER	X MEAN	Y MEAN	STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES			X	Y	R	

1	NH4-N	1	NH4-N	35	22.60	22.60	20.51	20.51	1.000
1	NH4-N	2	NO2-N	35	22.60	24.71	20.51	32.70	-0.009
1	NH4-N	3	NO3-N	35	22.60	2480.74	20.51	704.50	.428
1	NH4-N	4	P04	35	22.60	193.37	20.51	69.61	.245
1	NH4-N	5	OXYGEN	35	22.60	183.29	20.51	85.92	.494
1	NH4-N	6	S 0/00	35	22.60	3165.69	20.51	143.07	-0.763
1	NH4-N	7	TEMP	35	22.60	569.14	20.51	256.09	-0.867
2	NO2-N	2	NO2-N	35	24.71	24.71	32.70	32.70	1.000
2	NO2-N	3	NO3-N	35	24.71	2480.74	32.70	704.50	-0.317
2	NO2-N	4	P04	35	24.71	193.37	32.70	69.61	.407
2	NO2-N	5	OXYGEN	35	24.71	183.29	32.70	85.92	-0.023
2	NO2-N	6	S 0/00	35	24.71	3165.69	32.70	143.07	.248
2	NO2-N	7	TEMP	35	24.71	569.14	32.70	256.09	-0.060
3	NO3-N	3	NO3-N	35	2480.74	2480.74	704.50	704.50	1.000
3	NO3-N	4	P04	35	2480.74	193.37	704.50	69.61	.348
3	NO3-N	5	OXYGEN	35	2480.74	183.29	704.50	85.92	-0.182
3	NO3-N	6	S 0/00	35	2480.74	3165.69	704.50	143.07	-0.486
3	NO3-N	7	TEMP	35	2480.74	569.14	704.50	256.09	-0.406
4	P04	4	P04	35	193.37	193.37	69.61	69.61	1.000
4	P04	5	OXYGEN	35	193.37	183.29	69.61	85.92	-0.551
4	P04	6	S 0/00	35	193.37	3165.69	69.61	143.07	-0.031
4	P04	7	TEMP	35	193.37	569.14	69.61	256.09	-0.178
5	OXYGEN	5	OXYGEN	35	183.29	183.29	85.92	85.92	1.000
5	OXYGEN	6	S 0/00	35	183.29	3165.69	85.92	143.07	-0.477
5	OXYGEN	7	TEMP	35	183.29	569.14	85.92	256.09	-0.624
6	S 0/00	6	S 0/00	35	3165.69	3165.69	143.07	143.07	1.000
6	S 0/00	7	TEMP	35	3165.69	569.14	143.07	256.09	.772
7	TEMP	7	TEMP	35	569.14	569.14	256.09	256.09	1.000

VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1 NH4-N		1 NH4-N	38	49.66	49.66	42.91	42.91	1.000	
1 NH4-N		2 NO2-N	38	49.66	21.21	42.91	20.33	.183	
1 NH4-N		3 NO3-N	38	49.66	1944.68	42.91	842.29	-0.196	
1 NH4-N		4 PO4	38	49.66	213.05	42.91	135.20	-0.062	
1 NH4-N		5 OXYGEN	38	49.66	211.74	42.91	108.80	.673	
1 NH4-N		6 S O/00	38	49.66	3149.32	42.91	194.16	-0.679	
1 NH4-N		7 TEMP	38	49.66	502.92	42.91	290.25	-0.828	
2 NO2-N		2 NO2-N	38	21.21	21.21	20.33	20.33	1.000	
2 NO2-N		3 NO3-N	38	21.21	1944.68	20.33	842.29	.005	
2 NO2-N		4 PO4	38	21.21	213.05	20.33	135.20	-0.149	
2 NO2-N		5 OXYGEN	38	21.21	211.74	20.33	108.80	.343	
2 NO2-N		6 S O/00	38	21.21	3149.32	20.33	194.16	.017	
2 NO2-N		7 TEMP	38	21.21	502.92	20.33	290.25	-0.234	
3 NO3-N		3 NO3-N	38	1944.68	1944.68	842.29	842.29	1.000	
3 NO3-N		4 PO4	38	1944.68	213.05	842.29	135.20	.315	
3 NO3-N		5 OXYGEN	38	1944.68	211.74	842.29	108.80	-0.553	
3 NO3-N		6 S O/00	38	1944.68	3149.32	842.29	194.16	.403	
3 NO3-N		7 TEMP	38	1944.68	502.92	842.29	290.25	.291	
4 PO4		4 PO4	38	213.05	213.05	135.20	135.20	1.000	
4 PO4		5 OXYGEN	38	213.05	211.74	135.20	108.80	-0.568	
4 PO4		6 S O/00	38	213.05	3149.32	135.20	194.16	.285	
4 PO4		7 TEMP	38	213.05	502.92	135.20	290.25	.196	
5 OXYGEN		5 OXYGEN	38	211.74	211.74	108.80	108.80	1.000	
5 OXYGEN		6 S O/00	38	211.74	3149.32	108.80	194.16	-0.675	
5 OXYGEN		7 TEMP	38	211.74	502.92	108.80	290.25	-0.799	
6 S O/00		6 S O/00	38	3149.32	3149.32	194.16	194.16	1.000	
6 S O/00		7 TEMP	38	3149.32	502.92	194.16	290.25	.854	
7 TEMP		7 TEMP	38	502.92	502.92	290.25	290.25	1.000	

VARIABLE X	VERSUS	VARIABLE Y	NUMBER	X MEAN	Y MEAN	STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES			X	Y	R	

1	NH4-N	1	NH4-N	36	29.06	29.06	26.87	26.87	1.000
1	NH4-N	2	NO2-N	36	29.06	17.22	26.87	11.78	-0.116
1	NH4-N	3	NO3-N	36	29.06	1078.47	26.87	719.28	-0.613
1	NH4-N	4	P04	36	29.06	288.64	26.87	140.25	-0.101
1	NH4-N	5	OXYGEN	36	29.06	160.69	26.87	84.91	.322
1	NH4-N	6	S O/00	36	29.06	2955.58	26.87	438.26	-0.653
1	NH4-N	7	TEMP	36	29.06	993.42	26.87	436.06	.646
2	NO2-N	2	NO2-N	36	17.22	17.22	11.78	11.78	1.000
2	NO2-N	3	NO3-N	36	17.22	1078.47	11.78	719.28	.130
2	NO2-N	4	P04	36	17.22	288.64	11.78	140.25	-0.021
2	NO2-N	5	OXYGEN	36	17.22	160.69	11.78	84.91	-0.126
2	NO2-N	6	S O/00	36	17.22	2955.58	11.78	438.26	.066
2	NO2-N	7	TEMP	36	17.22	993.42	11.78	436.06	-0.059
3	NO3-N	3	NO3-N	36	1078.47	1078.47	719.28	719.28	1.000
3	NO3-N	4	P04	36	1078.47	288.64	719.28	140.25	.337
3	NO3-N	5	OXYGEN	36	1078.47	160.69	719.28	84.91	-0.575
3	NO3-N	6	S O/00	36	1078.47	2955.58	719.28	438.26	.706
3	NO3-N	7	TEMP	36	1078.47	993.42	719.28	436.06	-0.825
4	P04	4	P04	36	288.64	288.64	140.25	140.25	1.000
4	P04	5	OXYGEN	36	288.64	160.69	140.25	84.91	-0.786
4	P04	6	S O/00	36	288.64	2955.58	140.25	438.26	.436
4	P04	7	TEMP	36	288.64	993.42	140.25	436.06	-0.477
5	OXYGEN	5	OXYGEN	36	160.69	160.69	84.91	84.91	1.000
5	OXYGEN	6	S O/00	36	160.69	2955.58	84.91	438.26	-0.459
5	OXYGEN	7	TEMP	36	160.69	993.42	84.91	436.06	.536
6	S O/00	6	S O/00	36	2955.58	2955.58	438.26	438.26	1.000
6	S O/00	7	TEMP	36	2955.58	993.42	438.26	436.06	-0.973
7	TEMP	7	TEMP	36	993.42	993.42	436.06	436.06	1.000

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VARIABLE X      VERSUS  VARIABLE Y      NUMBER      STANDARD DEV.  PEARSON'S
NO.  NAME      NO.  NAME      OF CASES      X MEAN  Y MEAN      X      Y      R
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1  TEMP      1  TEMP      70      762.93  762.93      395.02  395.02      1.000
1  TEMP      2  S 0/00     70      762.93  2956.61     395.02  504.28     -0.413
1  TEMP      3  OXYGEN     70      762.93  257.51      395.02  50.19      -0.538
1  TEMP      4  P04       70      762.93  117.29     395.02  43.87       .022
1  TEMP      5  NO3-N     70      762.93  1404.67    395.02  838.16     -0.508
1  TEMP      6  NO2-N     70      762.93   23.69     395.02  21.32     -0.084
1  TEMP      7  NH4-N     70      762.93   42.14     395.02  48.95     -0.250

2  S 0/00     2  S 0/00     70      2956.61  2956.61     504.28  504.28      1.000
2  S 0/00     3  OXYGEN     70      2956.61  257.51     504.28  50.19     -0.373
2  S 0/00     4  P04       70      2956.61  117.29     504.28  43.87       .366
2  S 0/00     5  NO3-N     70      2956.61  1404.67    504.28  838.16     .462
2  S 0/00     6  NO2-N     70      2956.61   23.69     504.28  21.32     -0.116
2  S 0/00     7  NH4-N     70      2956.61   42.14     504.28  48.95     -0.270

3  OXYGEN     3  OXYGEN     70      257.51  257.51      50.19  50.19      1.000
3  OXYGEN     4  P04       70      257.51  117.29     50.19  43.87     -0.261
3  OXYGEN     5  NO3-N     70      257.51  1404.67    50.19  838.16     -0.076
3  OXYGEN     6  NO2-N     70      257.51   23.69     50.19  21.32       .202
3  OXYGEN     7  NH4-N     70      257.51   42.14     50.19  48.95     .417

4  P04       4  P04       70      117.29  117.29     43.87  43.87      1.000
4  P04       5  NO3-N     70      117.29  1404.67    43.87  838.16     .129
4  P04       6  NO2-N     70      117.29   23.69     43.87  21.32     -0.053
4  P04       7  NH4-N     70      117.29   42.14     43.87  48.95     -0.260

5  NO3-N     5  NO3-N     70      1404.67  1404.67    838.16  838.16      1.000
5  NO3-N     6  NO2-N     70      1404.67   23.69     838.16  21.32     -0.030
5  NO3-N     7  NH4-N     70      1404.67   42.14     838.16  48.95     .230

6  NO2-N     6  NO2-N     70      23.69   23.69     21.32  21.32      1.000
6  NO2-N     7  NH4-N     70      23.69   42.14     21.32  48.95     .048

7  NH4-N     7  NH4-N     70      42.14   42.14     48.95  48.95      1.000

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VARIABLE X      VERSUS  VARIABLE Y      NUMBER      STANDARD DEV.  PEARSON#S
NO.  NAME      NO.  NAME      OF CASES      X MEAN  Y MEAN      X      Y      R
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1  TEMP      1  TEMP      69      782.61  782.61      361.47  361.47      1.000
1  TEMP      2  S 0/00    69      782.61  2841.91     361.47  520.52     -0.481
1  TEMP      3  OXYGEN    69      782.61  216.36     361.47  72.82     -0.069
1  TEMP      4  P04      69      782.61  153.13     361.47  62.07     -0.125
1  TEMP      5  N03-N    69      782.61  1402.36    361.47  910.97     -0.611
1  TEMP      6  N02-N    69      782.61  17.25     361.47  14.59     -0.088
1  TEMP      7  NH4-N    69      782.61  43.07     361.47  39.37     -0.225

2  S 0/00    2  S 0/00    69      2841.91  2841.91     520.52  520.52     1.000
2  S 0/00    3  OXYGEN    69      2841.91  216.36     520.52  72.82     -0.635
2  S 0/00    4  P04      69      2841.91  153.13     520.52  62.07     .448
2  S 0/00    5  N03-N    69      2841.91  1402.36    520.52  910.97     .670
2  S 0/00    6  N02-N    69      2841.91  17.25     520.52  14.59     -0.314
2  S 0/00    7  NH4-N    69      2841.91  43.07     520.52  39.37     -0.306

3  OXYGEN    3  OXYGEN    69      216.36  216.36     72.82  72.82     1.000
3  OXYGEN    4  P04      69      216.36  153.13     72.82  62.07     -0.680
3  OXYGEN    5  N03-N    69      216.36  1402.36    72.82  910.97     -0.342
3  OXYGEN    6  N02-N    69      216.36  17.25     72.82  14.59     .398
3  OXYGEN    7  NH4-N    69      216.36  43.07     72.82  39.37     .506

4  P04      4  P04      69      153.13  153.13     62.07  62.07     1.000
4  P04      5  N03-N    69      153.13  1402.36    62.07  910.97     .239
4  P04      6  N02-N    69      153.13  17.25     62.07  14.59     -0.270
4  P04      7  NH4-N    69      153.13  43.07     62.07  39.37     -0.275

5  N03-N    5  N03-N    69      1402.36  1402.36    910.97  910.97     1.000
5  N03-N    6  N02-N    69      1402.36  17.25     910.97  14.59     -0.213
5  N03-N    7  NH4-N    69      1402.36  43.07     910.97  39.37     .055

6  N02-N    6  N02-N    69      17.25  17.25     14.59  14.59     1.000
6  N02-N    7  NH4-N    69      17.25  43.07     14.59  39.37     .166

7  NH4-N    7  NH4-N    69      43.07  43.07     39.37  39.37     1.000
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 VARIABLE X VERSUS VARIABLE Y NUMBER STANDARD DEV. PEARSON'S
 NO. NAME NO. NAME OF CASES X MEAN Y MEAN X Y R

1	TEMP	1	TEMP	64	725.48	725.48	363.56	363.56	1.000
1	TEMP	2	S 0/00	64	725.48	2921.22	363.56	440.82	-0.466
1	TEMP	3	OXYGEN	64	725.48	188.33	363.56	97.99	-0.095
1	TEMP	4	P04	64	725.48	181.13	363.56	81.22	-0.269
1	TEMP	5	N03-N	64	725.48	1870.42	363.56	1086.30	-0.604
1	TEMP	6	N02-N	64	725.48	16.08	363.56	14.42	-0.246
1	TEMP	7	NH4-N	64	725.48	40.08	363.56	39.27	-0.355

2	S 0/00	2	S 0/00	64	2921.22	2921.22	440.82	440.82	1.000
2	S 0/00	3	OXYGEN	64	2921.22	188.33	440.82	97.99	-0.641
2	S 0/00	4	P04	64	2921.22	181.13	440.82	81.22	.515
2	S 0/00	5	N03-N	64	2921.22	1870.42	440.82	1086.30	.566
2	S 0/00	6	N02-N	64	2921.22	16.08	440.82	14.42	-0.537
2	S 0/00	7	NH4-N	64	2921.22	40.08	440.82	39.27	-0.170

3	OXYGEN	3	OXYGEN	64	188.33	188.33	97.99	97.99	1.000
3	OXYGEN	4	P04	64	188.33	181.13	97.99	81.22	-0.447
3	OXYGEN	5	N03-N	64	188.33	1870.42	97.99	1086.30	-0.226
3	OXYGEN	6	N02-N	64	188.33	16.08	97.99	14.42	.630
3	OXYGEN	7	NH4-N	64	188.33	40.08	97.99	39.27	.458

4	P04	4	P04	64	181.13	181.13	81.22	81.22	1.000
4	P04	5	N03-N	64	181.13	1870.42	81.22	1086.30	.279
4	P04	6	N02-N	64	181.13	16.08	81.22	14.42	-0.097
4	P04	7	NH4-N	64	181.13	40.08	81.22	39.27	-0.037

5	N03-N	5	N03-N	64	1870.42	1870.42	1086.30	1086.30	1.000
5	N03-N	6	N02-N	64	1870.42	16.08	1086.30	14.42	-0.246
5	N03-N	7	NH4-N	64	1870.42	40.08	1086.30	39.27	.253

6	N02-N	6	N02-N	64	16.08	16.08	14.42	14.42	1.000
6	N02-N	7	NH4-N	64	16.08	40.08	14.42	39.27	.402

7	NH4-N	7	NH4-N	64	40.08	40.08	39.27	39.27	1.000
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VARIABLE X		VERSUS	VARIABLE Y		NUMBER OF CASES	X MEAN	Y MEAN	STANDARD DEV.		PEARSON'S R
NO.	NAME		NO.	NAME				X	Y	
1	TEMP		1	TEMP	66	726.05	726.05	352.15	352.15	1.000
1	TEMP		2	S O/00	66	726.05	2902.56	352.15	460.86	-0.451
1	TEMP		3	OXYGEN	66	726.05	160.08	352.15	106.21	-0.022
1	TEMP		4	P04	66	726.05	206.73	352.15	89.93	-0.055
1	TEMP		5	N03-N	66	726.05	2366.85	352.15	1095.46	-0.604
1	TEMP		6	N02-N	66	726.05	21.05	352.15	23.44	-0.144
1	TEMP		7	NH4-N	66	726.05	47.82	352.15	51.34	-0.341
2	S O/00		2	S O/00	66	2902.56	2902.56	460.86	460.86	1.000
2	S O/00		3	OXYGEN	66	2902.56	160.08	460.86	106.21	-0.683
2	S O/00		4	P04	66	2902.56	206.73	460.86	89.93	.352
2	S O/00		5	N03-N	66	2902.56	2366.85	460.86	1095.46	.414
2	S O/00		6	N02-N	66	2902.56	21.05	460.86	23.44	-0.599
2	S O/00		7	NH4-N	66	2902.56	47.82	460.86	51.34	-0.401
3	OXYGEN		3	OXYGEN	66	160.08	160.08	106.21	106.21	1.000
3	OXYGEN		4	P04	66	160.08	206.73	106.21	89.93	-0.417
3	OXYGEN		5	N03-N	66	160.08	2366.85	106.21	1095.46	-0.260
3	OXYGEN		6	N02-N	66	160.08	21.05	106.21	23.44	.458
3	OXYGEN		7	NH4-N	66	160.08	47.82	106.21	51.34	.542
4	P04		4	P04	66	206.73	206.73	89.93	89.93	1.000
4	P04		5	N03-N	66	206.73	2366.85	89.93	1095.46	.240
4	P04		6	N02-N	66	206.73	21.05	89.93	23.44	.073
4	P04		7	NH4-N	66	206.73	47.82	89.93	51.34	-0.154
5	N03-N		5	N03-N	66	2366.85	2366.85	1095.46	1095.46	1.000
5	N03-N		6	N02-N	66	2366.85	21.05	1095.46	23.44	.054
5	N03-N		7	NH4-N	66	2366.85	47.82	1095.46	51.34	.164
6	N02-N		6	N02-N	66	21.05	21.05	23.44	23.44	1.000
6	N02-N		7	NH4-N	66	21.05	47.82	23.44	51.34	.554
7	NH4-N		7	NH4-N	66	47.82	47.82	51.34	51.34	1.000

VARIABLE X		VERSUS	VARIABLE Y		NUMBER OF CASES	X MEAN	Y MEAN	STANDARD DEV.		PEARSON'S R
NO.	NAME		NO.	NAME				X	Y	
1	TEMP		1	TEMP	76	744.92	744.92	385.55	385.55	1.000
1	TEMP		2	S O/00	76	744.92	2870.12	385.55	555.99	-0.586
1	TEMP		3	OXYGEN	76	744.92	145.64	385.55	122.60	.128
1	TEMP		4	P04	76	744.92	270.76	385.55	168.51	-0.217
1	TEMP		5	NO3-N	76	744.92	2201.37	385.55	1362.14	-0.575
1	TEMP		6	NO2-N	76	744.92	24.08	385.55	29.50	-0.144
1	TEMP		7	NH4-N	76	744.92	43.07	385.55	39.42	-0.123
2	S O/00		2	S O/00	76	2870.12	2870.12	555.99	555.99	1.000
2	S O/00		3	OXYGEN	76	2870.12	145.64	555.99	122.60	-0.724
2	S O/00		4	P04	76	2870.12	270.76	555.99	168.51	.420
2	S O/00		5	NO3-N	76	2870.12	2201.37	555.99	1362.14	.491
2	S O/00		6	NO2-N	76	2870.12	24.08	555.99	29.50	-0.174
2	S O/00		7	NH4-N	76	2870.12	43.07	555.99	39.42	-0.433
3	OXYGEN		3	OXYGEN	76	145.64	145.64	122.60	122.60	1.000
3	OXYGEN		4	P04	76	145.64	270.76	122.60	168.51	-0.439
3	OXYGEN		5	NO3-N	76	145.64	2201.37	122.60	1362.14	-0.349
3	OXYGEN		6	NO2-N	76	145.64	24.08	122.60	29.50	.139
3	OXYGEN		7	NH4-N	76	145.64	43.07	122.60	39.42	.539
4	P04		4	P04	76	270.76	270.76	168.51	168.51	1.000
4	P04		5	NO3-N	76	270.76	2201.37	168.51	1362.14	.215
4	P04		6	NO2-N	76	270.76	24.08	168.51	29.50	.068
4	P04		7	NH4-N	76	270.76	43.07	168.51	39.42	.102
5	NO3-N		5	NO3-N	76	2201.37	2201.37	1362.14	1362.14	1.000
5	NO3-N		6	NO2-N	76	2201.37	24.08	1362.14	29.50	-0.099
5	NO3-N		7	NH4-N	76	2201.37	43.07	1362.14	39.42	-0.015
6	NO2-N		6	NO2-N	76	24.08	24.08	29.50	29.50	1.000
6	NO2-N		7	NH4-N	76	24.08	43.07	29.50	39.42	.378
7	NH4-N		7	NH4-N	76	43.07	43.07	39.42	39.42	1.000

VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	14	71.93	71.93	75.19	75.19	1.000
1	NH4-N	2	NO2-N	14	71.93	26.79	75.19	18.41	.133
1	NH4-N	3	NO3-N	14	71.93	1394.43	75.19	1226.13	.257
1	NH4-N	4	P04	14	71.93	105.36	75.19	44.43	-0.497
1	NH4-N	5	OXYGEN	14	71.93	292.21	75.19	56.02	.377
1	NH4-N	6	S O/00	14	71.93	2494.57	75.19	438.50	-0.340
1	NH4-N	7	TEMP	14	71.93	755.00	75.19	517.81	-0.220
2	NO2-N	2	NO2-N	14	26.79	26.79	18.41	18.41	1.000
2	NO2-N	3	NO3-N	14	26.79	1394.43	18.41	1226.13	-0.134
2	NO2-N	4	P04	14	26.79	105.36	18.41	44.43	-0.177
2	NO2-N	5	OXYGEN	14	26.79	292.21	18.41	56.02	-0.070
2	NO2-N	6	S O/00	14	26.79	2494.57	18.41	438.50	-0.352
2	NO2-N	7	TEMP	14	26.79	755.00	18.41	517.81	.027
3	NO3-N	3	NO3-N	14	1394.43	1394.43	1226.13	1226.13	1.000
3	NO3-N	4	P04	14	1394.43	105.36	1226.13	44.43	-0.211
3	NO3-N	5	OXYGEN	14	1394.43	292.21	1226.13	56.02	.018
3	NO3-N	6	S O/00	14	1394.43	2494.57	1226.13	438.50	.453
3	NO3-N	7	TEMP	14	1394.43	755.00	1226.13	517.81	-0.618
4	P04	4	P04	14	105.36	105.36	44.43	44.43	1.000
4	P04	5	OXYGEN	14	105.36	292.21	44.43	56.02	-0.423
4	P04	6	S O/00	14	105.36	2494.57	44.43	438.50	-0.030
4	P04	7	TEMP	14	105.36	755.00	44.43	517.81	.357
5	OXYGEN	5	OXYGEN	14	292.21	292.21	56.02	56.02	1.000
5	OXYGEN	6	S O/00	14	292.21	2494.57	56.02	438.50	-0.181
5	OXYGEN	7	TEMP	14	292.21	755.00	56.02	517.81	-0.662
6	S O/00	6	S O/00	14	2494.57	2494.57	438.50	438.50	1.000
6	S O/00	7	TEMP	14	2494.57	755.00	438.50	517.81	-0.401
7	TEMP	7	TEMP	14	755.00	755.00	517.81	517.81	1.000

VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	13	40.23	40.23	49.14	49.14	1.000
1	NH4-N	2	NO2-N	13	40.23	34.46	49.14	24.71	-0.118
1	NH4-N	3	NO3-N	13	40.23	985.62	49.14	914.91	.346
1	NH4-N	4	P04	13	40.23	87.38	49.14	31.38	.126
1	NH4-N	5	OXYGEN	13	40.23	276.38	49.14	58.04	.448
1	NH4-N	6	S 0/00	13	40.23	2568.23	49.14	577.33	.058
1	NH4-N	7	TEMP	13	40.23	888.46	49.14	528.64	-0.376
2	NO2-N	2	NO2-N	13	34.46	34.46	24.71	24.71	1.000
2	NO2-N	3	NO3-N	13	34.46	985.62	24.71	914.91	.350
2	NO2-N	4	P04	13	34.46	87.38	24.71	31.38	.587
2	NO2-N	5	OXYGEN	13	34.46	276.38	24.71	58.04	-0.057
2	NO2-N	6	S 0/00	13	34.46	2568.23	24.71	577.33	.394
2	NO2-N	7	TEMP	13	34.46	888.46	24.71	528.64	-0.231
3	NO3-N	3	NO3-N	13	985.62	985.62	914.91	914.91	1.000
3	NO3-N	4	P04	13	985.62	87.38	914.91	31.38	.544
3	NO3-N	5	OXYGEN	13	985.62	276.38	914.91	58.04	-0.063
3	NO3-N	6	S 0/00	13	985.62	2568.23	914.91	577.33	.647
3	NO3-N	7	TEMP	13	985.62	888.46	914.91	528.64	-0.521
4	P04	4	P04	13	87.38	87.38	31.38	31.38	1.000
4	P04	5	OXYGEN	13	87.38	276.38	31.38	58.04	-0.090
4	P04	6	S 0/00	13	87.38	2568.23	31.38	577.33	.673
4	P04	7	TEMP	13	87.38	888.46	31.38	528.64	-0.350
5	OXYGEN	5	OXYGEN	13	276.38	276.38	58.04	58.04	1.000
5	OXYGEN	6	S 0/00	13	276.38	2568.23	58.04	577.33	-0.076
5	OXYGEN	7	TEMP	13	276.38	888.46	58.04	528.64	-0.688
6	S 0/00	6	S 0/00	13	2568.23	2568.23	577.33	577.33	1.000
6	S 0/00	7	TEMP	13	2568.23	888.46	577.33	528.64	-0.591
7	TEMP	7	TEMP	13	888.46	888.46	528.64	528.64	1.000

VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	7	49.71	49.71	50.42	50.42	1.000
1	NH4-N	2	NO2-N	7	49.71	19.57	50.42	11.22	.243
1	NH4-N	3	NO3-N	7	49.71	1461.14	50.42	863.90	.563
1	NH4-N	4	P04	7	49.71	124.57	50.42	55.85	-0.412
1	NH4-N	5	OXYGEN	7	49.71	265.86	50.42	57.75	.448
1	NH4-N	6	S 0/00	7	49.71	2896.71	50.42	319.19	.107
1	NH4-N	7	TEMP	7	49.71	775.57	50.42	550.08	-0.463
2	NO2-N	2	NO2-N	7	19.57	19.57	11.22	11.22	1.000
2	NO2-N	3	NO3-N	7	19.57	1461.14	11.22	863.90	-0.352
2	NO2-N	4	P04	7	19.57	124.57	11.22	55.85	-0.257
2	NO2-N	5	OXYGEN	7	19.57	265.86	11.22	57.75	.596
2	NO2-N	6	S 0/00	7	19.57	2896.71	11.22	319.19	-0.401
2	NO2-N	7	TEMP	7	19.57	775.57	11.22	550.08	-0.448
3	NO3-N	3	NO3-N	7	1461.14	1461.14	863.90	863.90	1.000
3	NO3-N	4	P04	7	1461.14	124.57	863.90	55.85	.045
3	NO3-N	5	OXYGEN	7	1461.14	265.86	863.90	57.75	-0.117
3	NO3-N	6	S 0/00	7	1461.14	2896.71	863.90	319.19	.083
3	NO3-N	7	TEMP	7	1461.14	775.57	863.90	550.08	.015
4	P04	4	P04	7	124.57	124.57	55.85	55.85	1.000
4	P04	5	OXYGEN	7	124.57	265.86	55.85	57.75	-0.651
4	P04	6	S 0/00	7	124.57	2896.71	55.85	319.19	-0.536
4	P04	7	TEMP	7	124.57	775.57	55.85	550.08	.738
5	OXYGEN	5	OXYGEN	7	265.86	265.86	57.75	57.75	1.000
5	OXYGEN	6	S 0/00	7	265.86	2896.71	57.75	319.19	-0.197
5	OXYGEN	7	TEMP	7	265.86	775.57	57.75	550.08	-0.871
6	S 0/00	6	S 0/00	7	2896.71	2896.71	319.19	319.19	1.000
6	S 0/00	7	TEMP	7	2896.71	775.57	319.19	550.08	-0.191
7	TEMP	7	TEMP	7	775.57	775.57	550.08	550.08	1.000

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VARIABLE X      VERSUS  VARIABLE Y      NUMBER      X MEAN  Y MEAN  STANDARD DEV.  PEARSON'S
NO.  NAME      NO.  NAME      OF CASES      X      Y      X      Y      R
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1  NH4-N      1  NH4-N      7      39.14  39.14  30.82  30.82  1.000
1  NH4-N      2  NO2-N      7      39.14  20.14  30.82  7.63   .158
1  NH4-N      3  NO3-N      7      39.14  1174.57 30.82  636.36 -0.297
1  NH4-N      4  P04       7      39.14  134.29  30.82  45.73  -0.392
1  NH4-N      5  OXYGEN    7      39.14  230.14  30.82  39.75  .782
1  NH4-N      6  S O/00   7      39.14  3089.57 30.82  161.87 -0.017
1  NH4-N      7  TEMP     7      39.14  776.00  30.82  289.93 -0.660

2  NO2-N      2  NO2-N      7      20.14  20.14  7.63  7.63  1.000
2  NO2-N      3  NO3-N      7      20.14  1174.57 7.63  636.36 .648
2  NO2-N      4  P04       7      20.14  134.29  7.63  45.73  .180
2  NO2-N      5  OXYGEN    7      20.14  230.14  7.63  39.75  .609
2  NO2-N      6  S O/00   7      20.14  3089.57 7.63  161.87 .063
2  NO2-N      7  TEMP     7      20.14  776.00  7.63  289.93 -0.752

3  NO3-N      3  NO3-N      7      1174.57 1174.57 636.36 636.36 1.000
3  NO3-N      4  P04       7      1174.57 134.29  636.36 45.73  .084
3  NO3-N      5  OXYGEN    7      1174.57 230.14  636.36 39.75  .293
3  NO3-N      6  S O/00   7      1174.57 3089.57 636.36 161.87 .398
3  NO3-N      7  TEMP     7      1174.57 776.00  636.36 289.93 -0.327

4  P04       4  P04       7      134.29  134.29  45.73  45.73  1.000
4  P04       5  OXYGEN    7      134.29  230.14  45.73  39.75  -0.075
4  P04       6  S O/00   7      134.29  3089.57 45.73  161.87 .459
4  P04       7  TEMP     7      134.29  776.00  45.73  289.93 -0.125

5  OXYGEN    5  OXYGEN    7      230.14  230.14  39.75  39.75  1.000
5  OXYGEN    6  S O/00   7      230.14  3089.57 39.75  161.87 .354
5  OXYGEN    7  TEMP     7      230.14  776.00  39.75  289.93 -0.950

6  S O/00   6  S O/00   7      3089.57 3089.57 161.87 161.87 1.000
6  S O/00   7  TEMP     7      3089.57 776.00  161.87 289.93 -0.374

7  TEMP     7  TEMP     7      776.00  776.00  289.93 289.93 1.000

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VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	28	27.43	27.43	29.06	29.06	1.000
1	NH4-N	2	NO2-N	28	27.43	19.39	29.06	24.40	-0.053
1	NH4-N	3	NO3-N	28	27.43	1694.71	29.06	439.51	.387
1	NH4-N	4	P04	28	27.43	131.43	29.06	39.58	.029
1	NH4-N	5	OXYGEN	28	27.43	237.57	29.06	29.31	-0.110
1	NH4-N	6	S 0/00	28	27.43	3366.57	29.06	96.37	.100
1	NH4-N	7	TEMP	28	27.43	672.96	29.06	136.63	-0.133
2	NO2-N	2	NO2-N	28	19.39	19.39	24.40	24.40	1.000
2	NO2-N	3	NO3-N	28	19.39	1694.71	24.40	439.51	-0.051
2	NO2-N	4	P04	28	19.39	131.43	24.40	39.58	.020
2	NO2-N	5	OXYGEN	28	19.39	237.57	24.40	29.31	.311
2	NO2-N	6	S 0/00	28	19.39	3366.57	24.40	96.37	.191
2	NO2-N	7	TEMP	28	19.39	672.96	24.40	136.63	-0.099
3	NO3-N	3	NO3-N	28	1694.71	1694.71	439.51	439.51	1.000
3	NO3-N	4	P04	28	1694.71	131.43	439.51	39.58	-0.013
3	NO3-N	5	OXYGEN	28	1694.71	237.57	439.51	29.31	-0.104
3	NO3-N	6	S 0/00	28	1694.71	3366.57	439.51	96.37	-0.069
3	NO3-N	7	TEMP	28	1694.71	672.96	439.51	136.63	-0.410
4	P04	4	P04	28	131.43	131.43	39.58	39.58	1.000
4	P04	5	OXYGEN	28	131.43	237.57	39.58	29.31	.409
4	P04	6	S 0/00	28	131.43	3366.57	39.58	96.37	.479
4	P04	7	TEMP	28	131.43	672.96	39.58	136.63	-0.324
5	OXYGEN	5	OXYGEN	28	237.57	237.57	29.31	29.31	1.000
5	OXYGEN	6	S 0/00	28	237.57	3366.57	29.31	96.37	.052
5	OXYGEN	7	TEMP	28	237.57	672.96	29.31	136.63	-0.409
6	S 0/00	6	S 0/00	28	3366.57	3366.57	96.37	96.37	1.000
6	S 0/00	7	TEMP	28	3366.57	672.96	96.37	136.63	-0.084
7	TEMP	7	TEMP	28	672.96	672.96	136.63	136.63	1.000

VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	19	70.79	70.79	49.31	49.31	1.000
1	NH4-N	2	NO2-N	19	70.79	24.53	49.31	18.66	.152
1	NH4-N	3	NO3-N	19	70.79	742.74	49.31	923.23	.317
1	NH4-N	4	P04	19	70.79	110.68	49.31	40.99	-0.235
1	NH4-N	5	OXYGEN	19	70.79	296.42	49.31	52.30	.434
1	NH4-N	6	S 0/00	19	70.79	2173.11	49.31	432.66	.258
1	NH4-N	7	TEMP	19	70.79	935.11	49.31	591.18	-0.474
2	NO2-N	2	NO2-N	19	24.53	24.53	18.66	18.66	1.000
2	NO2-N	3	NO3-N	19	24.53	742.74	18.66	923.23	.212
2	NO2-N	4	P04	19	24.53	110.68	18.66	40.99	.122
2	NO2-N	5	OXYGEN	19	24.53	296.42	18.66	52.30	.299
2	NO2-N	6	S 0/00	19	24.53	2173.11	18.66	432.66	-0.009
2	NO2-N	7	TEMP	19	24.53	935.11	18.66	591.18	-0.425
3	NO3-N	3	NO3-N	19	742.74	742.74	923.23	923.23	1.000
3	NO3-N	4	P04	19	742.74	110.68	923.23	40.99	-0.051
3	NO3-N	5	OXYGEN	19	742.74	296.42	923.23	52.30	.229
3	NO3-N	6	S 0/00	19	742.74	2173.11	923.23	432.66	.604
3	NO3-N	7	TEMP	19	742.74	935.11	923.23	591.18	-0.659
4	P04	4	P04	19	110.68	110.68	40.99	40.99	1.000
4	P04	5	OXYGEN	19	110.68	296.42	40.99	52.30	-0.455
4	P04	6	S 0/00	19	110.68	2173.11	40.99	432.66	.072
4	P04	7	TEMP	19	110.68	935.11	40.99	591.18	.002
5	OXYGEN	5	OXYGEN	19	296.42	296.42	52.30	52.30	1.000
5	OXYGEN	6	S 0/00	19	296.42	2173.11	52.30	432.66	.131
5	OXYGEN	7	TEMP	19	296.42	935.11	52.30	591.18	-0.557
6	S 0/00	6	S 0/00	19	2173.11	2173.11	432.66	432.66	1.000
6	S 0/00	7	TEMP	19	2173.11	935.11	432.66	591.18	-0.595
7	TEMP	7	TEMP	19	935.11	935.11	591.18	591.18	1.000

 VARIABLE X VERSUS VARIABLE Y NUMBER STANDARD DEV. PEARSON'S
 NO. NAME NO. NAME OF CASES X MEAN Y MEAN X Y R

1	NH4-N	1	NH4-N	11	32.27	32.27	21.62	21.62	1.000
1	NH4-N	2	NO2-N	11	32.27	23.36	21.62	17.53	-0.366
1	NH4-N	3	NO3-N	11	32.27	1024.18	21.62	683.66	-0.348
1	NH4-N	4	P04	11	32.27	148.18	21.62	48.95	-0.405
1	NH4-N	5	OXYGEN	11	32.27	218.64	21.62	65.19	.641
1	NH4-N	6	S 0/00	11	32.27	2783.91	21.62	348.56	-0.781
1	NH4-N	7	TEMP	11	32.27	785.09	21.62	323.11	-0.160
2	NO2-N	2	NO2-N	11	23.36	23.36	17.53	17.53	1.000
2	NO2-N	3	NO3-N	11	23.36	1024.18	17.53	683.66	-0.288
2	NO2-N	4	P04	11	23.36	148.18	17.53	48.95	-0.270
2	NO2-N	5	OXYGEN	11	23.36	218.64	17.53	65.19	-0.324
2	NO2-N	6	S 0/00	11	23.36	2783.91	17.53	348.56	.000
2	NO2-N	7	TEMP	11	23.36	785.09	17.53	323.11	.272
3	NO3-N	3	NO3-N	11	1024.18	1024.18	683.66	683.66	1.000
3	NO3-N	4	P04	11	1024.18	148.18	683.66	48.95	.150
3	NO3-N	5	OXYGEN	11	1024.18	218.64	683.66	65.19	-0.115
3	NO3-N	6	S 0/00	11	1024.18	2783.91	683.66	348.56	.738
3	NO3-N	7	TEMP	11	1024.18	785.09	683.66	323.11	-0.628
4	P04	4	P04	11	148.18	148.18	48.95	48.95	1.000
4	P04	5	OXYGEN	11	148.18	218.64	48.95	65.19	-0.625
4	P04	6	S 0/00	11	148.18	2783.91	48.95	348.56	.404
4	P04	7	TEMP	11	148.18	785.09	48.95	323.11	.263
5	OXYGEN	5	OXYGEN	11	218.64	218.64	65.19	65.19	1.000
5	OXYGEN	6	S 0/00	11	218.64	2783.91	65.19	348.56	-0.506
5	OXYGEN	7	TEMP	11	218.64	785.09	65.19	323.11	-0.502
6	S 0/00	6	S 0/00	11	2783.91	2783.91	348.56	348.56	1.000
6	S 0/00	7	TEMP	11	2783.91	785.09	348.56	323.11	-0.340
7	TEMP	7	TEMP	11	785.09	785.09	323.11	323.11	1.000

VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON*	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	5	38.00	38.00	36.01	36.01	1.000
1	NH4-N	2	NO2-N	5	38.00	11.20	36.01	9.73	0
1	NH4-N	3	NO3-N	5	38.00	2099.80	36.01	645.03	.519
1	NH4-N	4	P04	5	38.00	186.20	36.01	55.62	-0.544
1	NH4-N	5	OXYGEN	5	38.00	184.80	36.01	55.94	.660
1	NH4-N	6	S O/00	5	38.00	3195.80	36.01	61.40	.054
1	NH4-N	7	TEMP	5	38.00	665.00	36.01	131.84	-0.810
2	NO2-N	2	NO2-N	5	11.20	11.20	9.73	9.73	1.000
2	NO2-N	3	NO3-N	5	11.20	2099.80	9.73	645.03	.184
2	NO2-N	4	P04	5	11.20	186.20	9.73	55.62	-0.589
2	NO2-N	5	OXYGEN	5	11.20	184.80	9.73	55.94	.597
2	NO2-N	6	S O/00	5	11.20	3195.80	9.73	61.40	.283
2	NO2-N	7	TEMP	5	11.20	665.00	9.73	131.84	-0.271
3	NO3-N	3	NO3-N	5	2099.80	2099.80	645.03	645.03	1.000
3	NO3-N	4	P04	5	2099.80	186.20	645.03	55.62	-0.225
3	NO3-N	5	OXYGEN	5	2099.80	184.80	645.03	55.94	.147
3	NO3-N	6	S O/00	5	2099.80	3195.80	645.03	61.40	.741
3	NO3-N	7	TEMP	5	2099.80	665.00	645.03	131.84	-0.811
4	P04	4	P04	5	186.20	186.20	55.62	55.62	1.000
4	P04	5	OXYGEN	5	186.20	184.80	55.62	55.94	-0.937
4	P04	6	S O/00	5	186.20	3195.80	55.62	61.40	-0.341
4	P04	7	TEMP	5	186.20	665.00	55.62	131.84	.337
5	OXYGEN	5	OXYGEN	5	184.80	184.80	55.94	55.94	1.000
5	OXYGEN	6	S O/00	5	184.80	3195.80	55.94	61.40	.061
5	OXYGEN	7	TEMP	5	184.80	665.00	55.94	131.84	-0.459
6	S O/00	6	S O/00	5	3195.80	3195.80	61.40	61.40	1.000
6	S O/00	7	TEMP	5	3195.80	665.00	61.40	131.84	-0.270
7	TEMP	7	TEMP	5	665.00	665.00	131.84	131.84	1.000

VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1 NH4-N		1 NH4-N	24	31.71	31.71	33.04	33.04	1.000	
1 NH4-N		2 NO2-N	24	31.71	10.96	33.04	7.70	.081	
1 NH4-N		3 NO3-N	24	31.71	1812.96	33.04	799.23	.418	
1 NH4-N		4 P04	24	31.71	182.00	33.04	70.55	.086	
1 NH4-N		5 OXYGEN	24	31.71	162.88	33.04	43.99	-0.061	
1 NH4-N		6 S 0/00	24	31.71	3210.75	33.04	183.16	.165	
1 NH4-N		7 TEMP	24	31.71	741.46	33.04	202.21	-0.102	
2 NO2-N		2 NO2-N	24	10.96	10.96	7.70	7.70	1.000	
2 NO2-N		3 NO3-N	24	10.96	1812.96	7.70	799.23	-0.217	
2 NO2-N		4 P04	24	10.96	182.00	7.70	70.55	-0.146	
2 NO2-N		5 OXYGEN	24	10.96	162.88	7.70	43.99	.620	
2 NO2-N		6 S 0/00	24	10.96	3210.75	7.70	183.16	.108	
2 NO2-N		7 TEMP	24	10.96	741.46	7.70	202.21	.033	
3 NO3-N		3 NO3-N	24	1812.96	1812.96	799.23	799.23	1.000	
3 NO3-N		4 P04	24	1812.96	182.00	799.23	70.55	.066	
3 NO3-N		5 OXYGEN	24	1812.96	162.88	799.23	43.99	-0.258	
3 NO3-N		6 S 0/00	24	1812.96	3210.75	799.23	183.16	.425	
3 NO3-N		7 TEMP	24	1812.96	741.46	799.23	202.21	-0.629	
4 P04		4 P04	24	182.00	182.00	70.55	70.55	1.000	
4 P04		5 OXYGEN	24	182.00	162.88	70.55	43.99	-0.644	
4 P04		6 S 0/00	24	182.00	3210.75	70.55	183.16	.192	
4 P04		7 TEMP	24	182.00	741.46	70.55	202.21	-0.372	
5 OXYGEN		5 OXYGEN	24	162.88	162.88	43.99	43.99	1.000	
5 OXYGEN		6 S 0/00	24	162.88	3210.75	43.99	183.16	-0.000	
5 OXYGEN		7 TEMP	24	162.88	741.46	43.99	202.21	.334	
6 S 0/00		6 S 0/00	24	3210.75	3210.75	183.16	183.16	1.000	
6 S 0/00		7 TEMP	24	3210.75	741.46	183.16	202.21	-0.721	
7 TEMP		7 TEMP	24	741.46	741.46	202.21	202.21	1.000	

VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1 NH4-N		1 NH4-N	14	71.86	71.86	49.05	49.05	1.000	
1 NH4-N		2 NO2-N	14	71.86	33.07	49.05	19.60	.476	
1 NH4-N		3 NO3-N	14	71.86	1450.00	49.05	1435.15	.464	
1 NH4-N		4 PO4	14	71.86	163.14	49.05	63.54	.164	
1 NH4-N		5 OXYGEN	14	71.86	314.14	49.05	87.39	.264	
1 NH4-N		6 S O/00	14	71.86	2420.71	49.05	459.96	.243	
1 NH4-N		7 TEMP	14	71.86	726.21	49.05	601.38	-0.556	
2 NO2-N		2 NO2-N	14	33.07	33.07	19.60	19.60	1.000	
2 NO2-N		3 NO3-N	14	33.07	1450.00	19.60	1435.15	-0.003	
2 NO2-N		4 PO4	14	33.07	163.14	19.60	63.54	-0.043	
2 NO2-N		5 OXYGEN	14	33.07	314.14	19.60	87.39	.381	
2 NO2-N		6 S O/00	14	33.07	2420.71	19.60	459.96	-0.426	
2 NO2-N		7 TEMP	14	33.07	726.21	19.60	601.38	-0.391	
3 NO3-N		3 NO3-N	14	1450.00	1450.00	1435.15	1435.15	1.000	
3 NO3-N		4 PO4	14	1450.00	163.14	1435.15	63.54	.353	
3 NO3-N		5 OXYGEN	14	1450.00	314.14	1435.15	87.39	-0.063	
3 NO3-N		6 S O/00	14	1450.00	2420.71	1435.15	459.96	.575	
3 NO3-N		7 TEMP	14	1450.00	726.21	1435.15	601.38	-0.680	
4 PO4		4 PO4	14	163.14	163.14	63.54	63.54	1.000	
4 PO4		5 OXYGEN	14	163.14	314.14	63.54	87.39	-0.200	
4 PO4		6 S O/00	14	163.14	2420.71	63.54	459.96	.569	
4 PO4		7 TEMP	14	163.14	726.21	63.54	601.38	-0.520	
5 OXYGEN		5 OXYGEN	14	314.14	314.14	87.39	87.39	1.000	
5 OXYGEN		6 S O/00	14	314.14	2420.71	87.39	459.96	-0.302	
5 OXYGEN		7 TEMP	14	314.14	726.21	87.39	601.38	-0.071	
6 S O/00		6 S O/00	14	2420.71	2420.71	459.96	459.96	1.000	
6 S O/00		7 TEMP	14	2420.71	726.21	459.96	601.38	-0.613	
7 TEMP		7 TEMP	14	726.21	726.21	601.38	601.38	1.000	

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VARIABLE X      VERSUS  VARIABLE Y      NUMBER      STANDARD DEV.  PEARSON*S
NO.  NAME      NO.  NAME      OF CASES      X MEAN  Y MEAN      X      Y      R
*****
1  NH4-N      1  NH4-N      14      37.00  37.00      26.40  26.40      1.000
1  NH4-N      2  NO2-N      14      37.00  15.36      26.40  8.53      -0.029
1  NH4-N      3  NO3-N      14      37.00  1402.36    26.40  1150.12    .427
1  NH4-N      4  PO4       14      37.00  135.71     26.40  63.53      .100
1  NH4-N      5  OXYGEN    14      37.00  209.57     26.40  65.95      .348
1  NH4-N      6  S O/00   14      37.00  2720.43    26.40  417.04     .311
1  NH4-N      7  TEMP      14      37.00  822.93     26.40  473.33    -0.527

2  NO2-N      2  NO2-N      14      15.36  15.36      8.53   8.53      1.000
2  NO2-N      3  NO3-N      14      15.36  1402.36    8.53   1150.12    .026
2  NO2-N      4  PO4       14      15.36  135.71     8.53   63.53      .252
2  NO2-N      5  OXYGEN    14      15.36  209.57     8.53   65.95      .454
2  NO2-N      6  S O/00   14      15.36  2720.43    8.53   417.04     .261
2  NO2-N      7  TEMP      14      15.36  822.93     8.53   473.33    -0.520

3  NO3-N      3  NO3-N      14      1402.36  1402.36    1150.12  1150.12    1.000
3  NO3-N      4  PO4       14      1402.36  135.71     1150.12  63.53      .471
3  NO3-N      5  OXYGEN    14      1402.36  209.57     1150.12  65.95      .116
3  NO3-N      6  S O/00   14      1402.36  2720.43    1150.12  417.04     .673
3  NO3-N      7  TEMP      14      1402.36  822.93     1150.12  473.33    -0.735

4  PO4       4  PO4       14      135.71  135.71     63.53   63.53      1.000
4  PO4       5  OXYGEN    14      135.71  209.57     63.53   65.95     -0.235
4  PO4       6  S O/00   14      135.71  2720.43    63.53   417.04     .682
4  PO4       7  TEMP      14      135.71  822.93     63.53   473.33    -0.318

5  OXYGEN    5  OXYGEN    14      209.57  209.57     65.95   65.95      1.000
5  OXYGEN    6  S O/00   14      209.57  2720.43    65.95   417.04     .004
5  OXYGEN    7  TEMP      14      209.57  822.93     65.95   473.33    -0.567

6  S O/00    6  S O/00   14      2720.43  2720.43    417.04  417.04      1.000
6  S O/00    7  TEMP      14      2720.43  822.93     417.04  473.33    -0.707

7  TEMP      7  TEMP      14      822.93  822.93     473.33  473.33      1.000

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VARIABLE X	VERSUS	VARIABLE Y	NUMBER		STANDARD DEV.		PEARSON'S		
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	10	27.80	27.80	27.24	27.24	1.000
1	NH4-N	2	NO2-N	10	27.80	9.30	27.24	6.36	-0.307
1	NH4-N	3	NO3-N	10	27.80	2281.20	27.24	475.01	.543
1	NH4-N	4	P04	10	27.80	129.60	27.24	53.84	.009
1	NH4-N	5	OXYGEN	10	27.80	179.50	27.24	45.25	.723
1	NH4-N	6	S O/00	10	27.80	3048.10	27.24	121.55	.275
1	NH4-N	7	TEMP	10	27.80	679.40	27.24	209.57	-0.533
2	NO2-N	2	NO2-N	10	9.30	9.30	6.36	6.36	1.000
2	NO2-N	3	NO3-N	10	9.30	2281.20	6.36	475.01	-0.079
2	NO2-N	4	P04	10	9.30	129.60	6.36	53.84	.053
2	NO2-N	5	OXYGEN	10	9.30	179.50	6.36	45.25	.213
2	NO2-N	6	S O/00	10	9.30	3048.10	6.36	121.55	.137
2	NO2-N	7	TEMP	10	9.30	679.40	6.36	209.57	-0.256
3	NO3-N	3	NO3-N	10	2281.20	2281.20	475.01	475.01	1.000
3	NO3-N	4	P04	10	2281.20	129.60	475.01	53.84	.339
3	NO3-N	5	OXYGEN	10	2281.20	179.50	475.01	45.25	.567
3	NO3-N	6	S O/00	10	2281.20	3048.10	475.01	121.55	.236
3	NO3-N	7	TEMP	10	2281.20	679.40	475.01	209.57	-0.560
4	P04	4	P04	10	129.60	129.60	53.84	53.84	1.000
4	P04	5	OXYGEN	10	129.60	179.50	53.84	45.25	-0.288
4	P04	6	S O/00	10	129.60	3048.10	53.84	121.55	.738
4	P04	7	TEMP	10	129.60	679.40	53.84	209.57	.222
5	OXYGEN	5	OXYGEN	10	179.50	179.50	45.25	45.25	1.000
5	OXYGEN	6	S O/00	10	179.50	3048.10	45.25	121.55	.030
5	OXYGEN	7	TEMP	10	179.50	679.40	45.25	209.57	-0.805
6	S O/00	6	S O/00	10	3048.10	3048.10	121.55	121.55	1.000
6	S O/00	7	TEMP	10	3048.10	679.40	121.55	209.57	-0.056
7	TEMP	7	TEMP	10	679.40	679.40	209.57	209.57	1.000

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VARIABLE X      VERSUS  VARIABLE Y      NUMBER      STANDARD DEV.  PEARSON*S
NO.  NAME      NO.  NAME      OF CASES      X MEAN  Y MEAN      X      Y      R
*****
1  NH4-N      1  NH4-N      22      31.05  31.05      38.30  38.30      1.000
1  NH4-N      2  NO2-N      22      31.05  9.59      38.30  7.58      -0.182
1  NH4-N      3  NO3-N      22      31.05  2205.64    38.30  831.99     .453
1  NH4-N      4  P04       22      31.05  243.95     38.30  75.54     -0.062
1  NH4-N      5  OXYGEN    22      31.05  106.73     38.30  47.64     .121
1  NH4-N      6  S 0/00   22      31.05  3262.14    38.30  36.19     .305
1  NH4-N      7  TEMP     22      31.05  673.50     38.30  43.48     .038

2  NO2-N      2  NO2-N      22      9.59   9.59      7.58   7.58      1.000
2  NO2-N      3  NO3-N      22      9.59   2205.64   7.58   831.99    -0.503
2  NO2-N      4  P04       22      9.59   243.95    7.58   75.54     .001
2  NO2-N      5  OXYGEN    22      9.59   106.73    7.58   47.64     .138
2  NO2-N      6  S 0/00   22      9.59   3262.14   7.58   36.19     .028
2  NO2-N      7  TEMP     22      9.59   673.50    7.58   43.48     .245

3  NO3-N      3  NO3-N      22     2205.64  2205.64   831.99  831.99    1.000
3  NO3-N      4  P04       22     2205.64  243.95   831.99  75.54    -0.031
3  NO3-N      5  OXYGEN    22     2205.64  106.73   831.99  47.64    -0.068
3  NO3-N      6  S 0/00   22     2205.64  3262.14  831.99  36.19     .386
3  NO3-N      7  TEMP     22     2205.64  673.50   831.99  43.48    -0.275

4  P04       4  P04       22     243.95  243.95    75.54  75.54    1.000
4  P04       5  OXYGEN    22     243.95  106.73    75.54  47.64    -0.472
4  P04       6  S 0/00   22     243.95  3262.14   75.54  36.19    -0.029
4  P04       7  TEMP     22     243.95  673.50    75.54  43.48    -0.180

5  OXYGEN    5  OXYGEN    22     106.73  106.73    47.64  47.64    1.000
5  OXYGEN    6  S 0/00   22     106.73  3262.14   47.64  36.19     .608
5  OXYGEN    7  TEMP     22     106.73  673.50    47.64  43.48     .326

6  S 0/00    6  S 0/00   22     3262.14  3262.14   36.19  36.19    1.000
6  S 0/00    7  TEMP     22     3262.14  673.50   36.19  43.48     .183

7  TEMP     7  TEMP     22     673.50  673.50    43.48  43.48    1.000

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VARIABLE X      VERSUS  VARIABLE Y      NUMBER      X MEAN      Y MEAN      STANDARD DEV.      PEARSON'S
NO.  NAME      NO.  NAME      OF CASES      OF CASES      OF CASES      X              Y              R
*****
1  NH4-N      1  NH4-N      14      95.93      95.93      77.41      77.41      1.000
1  NH4-N      2  NO2-N      14      95.93      47.64      77.41      36.13      .557
1  NH4-N      3  NO3-N      14      95.93      1899.71     77.41      1878.28     .433
1  NH4-N      4  P04       14      95.93      179.43      77.41      56.68      .213
1  NH4-N      5  OXYGEN    14      95.93      301.21      77.41      93.97      .117
1  NH4-N      6  S 0/00    14      95.93      2252.43     77.41      473.83     -0.065
1  NH4-N      7  TEMP      14      95.93      842.57      77.41      623.45     -0.528

2  NO2-N      2  NO2-N      14      47.64      47.64      36.13      36.13      1.000
2  NO2-N      3  NO3-N      14      47.64      1899.71     36.13      1878.28     .420
2  NO2-N      4  P04       14      47.64      179.43      36.13      56.68      .449
2  NO2-N      5  OXYGEN    14      47.64      301.21      36.13      93.97      .092
2  NO2-N      6  S 0/00    14      47.64      2252.43     36.13      473.83     -0.490
2  NO2-N      7  TEMP      14      47.64      842.57      36.13      623.45     -0.338

3  NO3-N      3  NO3-N      14      1899.71     1899.71     1878.28     1878.28     1.000
3  NO3-N      4  P04       14      1899.71     179.43      1878.28     56.68      .366
3  NO3-N      5  OXYGEN    14      1899.71     301.21      1878.28     93.97     -0.118
3  NO3-N      6  S 0/00    14      1899.71     2252.43     1878.28     473.83     .167
3  NO3-N      7  TEMP      14      1899.71     842.57      1878.28     623.45     -0.642

4  P04       4  P04       14      179.43      179.43      56.68      56.68      1.000
4  P04       5  OXYGEN    14      179.43      301.21      56.68      93.97     -0.347
4  P04       6  S 0/00    14      179.43      2252.43     56.68      473.83     .018
4  P04       7  TEMP      14      179.43      842.57      56.68      623.45     -0.170

5  OXYGEN    5  OXYGEN    14      301.21      301.21      93.97      93.97      1.000
5  OXYGEN    6  S 0/00    14      301.21      2252.43     93.97      473.83     -0.229
5  OXYGEN    7  TEMP      14      301.21      842.57      93.97      623.45     -0.079

6  S 0/00    6  S 0/00    14      2252.43     2252.43     473.83      473.83     1.000
6  S 0/00    7  TEMP      14      2252.43     842.57      473.83      623.45     -0.547

7  TEMP      7  TEMP      14      842.57      842.57      623.45      623.45     1.000

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VARIABLE X	VERSUS	VARIABLE Y	NUMBER		STANDARD DEV.		PEARSON'S		
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	12	45.58	45.58	31.54	31.54	1.000
1	NH4-N	2	NO2-N	12	45.58	19.75	31.54	10.55	.276
1	NH4-N	3	NO3-N	12	45.58	1917.67	31.54	1042.72	.307
1	NH4-N	4	P04	12	45.58	156.08	31.54	99.02	-0.306
1	NH4-N	5	OXYGEN	12	45.58	184.58	31.54	84.30	.615
1	NH4-N	6	S 0/00	12	45.58	2727.33	31.54	309.97	.317
1	NH4-N	7	TEMP	12	45.58	706.08	31.54	441.50	-0.609
2	NO2-N	2	NO2-N	12	19.75	19.75	10.55	10.55	1.000
2	NO2-N	3	NO3-N	12	19.75	1917.67	10.55	1042.72	.117
2	NO2-N	4	P04	12	19.75	156.08	10.55	99.02	-0.163
2	NO2-N	5	OXYGEN	12	19.75	184.58	10.55	84.30	.263
2	NO2-N	6	S 0/00	12	19.75	2727.33	10.55	309.97	.398
2	NO2-N	7	TEMP	12	19.75	706.08	10.55	441.50	-0.401
3	NO3-N	3	NO3-N	12	1917.67	1917.67	1042.72	1042.72	1.000
3	NO3-N	4	P04	12	1917.67	156.08	1042.72	99.02	.466
3	NO3-N	5	OXYGEN	12	1917.67	184.58	1042.72	84.30	.013
3	NO3-N	6	S 0/00	12	1917.67	2727.33	1042.72	309.97	.831
3	NO3-N	7	TEMP	12	1917.67	706.08	1042.72	441.50	-0.607
4	P04	4	P04	12	156.08	156.08	99.02	99.02	1.000
4	P04	5	OXYGEN	12	156.08	184.58	99.02	84.30	-0.448
4	P04	6	S 0/00	12	156.08	2727.33	99.02	309.97	.391
4	P04	7	TEMP	12	156.08	706.08	99.02	441.50	.024
5	OXYGEN	5	OXYGEN	12	184.58	184.58	84.30	84.30	1.000
5	OXYGEN	6	S 0/00	12	184.58	2727.33	84.30	309.97	.067
5	OXYGEN	7	TEMP	12	184.58	706.08	84.30	441.50	-0.559
6	S 0/00	6	S 0/00	12	2727.33	2727.33	309.97	309.97	1.000
6	S 0/00	7	TEMP	12	2727.33	706.08	309.97	441.50	-0.810
7	TEMP	7	TEMP	12	706.08	706.08	441.50	441.50	1.000

VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	12	38.08	38.08	39.21	39.21	1.000
1	NH4-N	2	NO2-N	12	38.08	10.50	39.21	4.91	.210
1	NH4-N	3	NO3-N	12	38.08	2685.08	39.21	447.87	.223
1	NH4-N	4	P04	12	38.08	207.17	39.21	75.24	-0.367
1	NH4-N	5	OXYGEN	12	38.08	147.42	39.21	54.44	.747
1	NH4-N	6	S O/00	12	38.08	3084.42	39.21	99.37	.056
1	NH4-N	7	TEMP	12	38.08	681.83	39.21	195.64	-0.626
2	NO2-N	2	NO2-N	12	10.50	10.50	4.91	4.91	1.000
2	NO2-N	3	NO3-N	12	10.50	2685.08	4.91	447.87	.171
2	NO2-N	4	P04	12	10.50	207.17	4.91	75.24	.042
2	NO2-N	5	OXYGEN	12	10.50	147.42	4.91	54.44	.489
2	NO2-N	6	S O/00	12	10.50	3084.42	4.91	99.37	-0.154
2	NO2-N	7	TEMP	12	10.50	681.83	4.91	195.64	-0.671
3	NO3-N	3	NO3-N	12	2685.08	2685.08	447.87	447.87	1.000
3	NO3-N	4	P04	12	2685.08	207.17	447.87	75.24	-0.243
3	NO3-N	5	OXYGEN	12	2685.08	147.42	447.87	54.44	.347
3	NO3-N	6	S O/00	12	2685.08	3084.42	447.87	99.37	-0.076
3	NO3-N	7	TEMP	12	2685.08	681.83	447.87	195.64	-0.550
4	P04	4	P04	12	207.17	207.17	75.24	75.24	1.000
4	P04	5	OXYGEN	12	207.17	147.42	75.24	54.44	-0.564
4	P04	6	S O/00	12	207.17	3084.42	75.24	99.37	.185
4	P04	7	TEMP	12	207.17	681.83	75.24	195.64	.197
5	OXYGEN	5	OXYGEN	12	147.42	147.42	54.44	54.44	1.000
5	OXYGEN	6	S O/00	12	147.42	3084.42	54.44	99.37	-0.057
5	OXYGEN	7	TEMP	12	147.42	681.83	54.44	195.64	-0.852
6	S O/00	6	S O/00	12	3084.42	3084.42	99.37	99.37	1.000
6	S O/00	7	TEMP	12	3084.42	681.83	99.37	195.64	-0.085
7	TEMP	7	TEMP	12	681.83	681.83	195.64	195.64	1.000

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VARIABLE X      VERSUS  VARIABLE Y      NUMBER      STANDARD DEV.  PEARSON*#S
NO.  NAME      NO.  NAME      OF CASES      X MEAN  Y MEAN      X      Y      R
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1  NH4-N      1  NH4-N      11      34.09  34.09      34.00  34.00      1.000
1  NH4-N      2  NO2-N      11      34.09   7.18      34.00   3.43      .246
1  NH4-N      3  NO3-N      11      34.09 2813.09      34.00 502.70      .351
1  NH4-N      4  P04       11      34.09  200.55      34.00  54.46      .030
1  NH4-N      5  OXYGEN    11      34.09  104.00      34.00  28.20      .490
1  NH4-N      6  S 0/00   11      34.09 3180.09      34.00  64.89      .276
1  NH4-N      7  TEMP      11      34.09  696.09      34.00 107.08     -0.493

2  NO2-N      2  NO2-N      11      7.18   7.18      3.43   3.43      1.000
2  NO2-N      3  NO3-N      11      7.18 2813.09      3.43 502.70      .353
2  NO2-N      4  P04       11      7.18  200.55      3.43  54.46      .396
2  NO2-N      5  OXYGEN    11      7.18  104.00      3.43  28.20      .560
2  NO2-N      6  S 0/00   11      7.18 3180.09      3.43  64.89      .649
2  NO2-N      7  TEMP      11      7.18  696.09      3.43 107.08     -0.388

3  NO3-N      3  NO3-N      11     2813.09 2813.09      502.70 502.70      1.000
3  NO3-N      4  P04       11     2813.09  200.55      502.70  54.46      .084
3  NO3-N      5  OXYGEN    11     2813.09  104.00      502.70  28.20     -0.033
3  NO3-N      6  S 0/00   11     2813.09 3180.09      502.70  64.89      .364
3  NO3-N      7  TEMP      11     2813.09  696.09      502.70 107.08     -0.707

4  P04       4  P04       11     200.55  200.55      54.46  54.46      1.000
4  P04       5  OXYGEN    11     200.55  104.00      54.46  28.20      .368
4  P04       6  S 0/00   11     200.55 3180.09      54.46  64.89      .618
4  P04       7  TEMP      11     200.55  696.09      54.46 107.08     .275

5  OXYGEN    5  OXYGEN    11     104.00  104.00      28.20  28.20      1.000
5  OXYGEN    6  S 0/00   11     104.00 3180.09      28.20  64.89      .551
5  OXYGEN    7  TEMP      11     104.00  696.09      28.20 107.08     -0.074

6  S 0/00   6  S 0/00   11    3180.09 3180.09      64.89  64.89      1.000
6  S 0/00   7  TEMP      11    3180.09  696.09      64.89 107.08     -0.004

7  TEMP      7  TEMP      11     696.09  696.09      107.08 107.08      1.000

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VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1 NH4-N		1 NH4-N	17	25.53	25.53	24.90	24.90	1.000	
1 NH4-N		2 NO2-N	17	25.53	16.47	24.90	14.58	-0.293	
1 NH4-N		3 NO3-N	17	25.53	2555.24	24.90	610.36	.192	
1 NH4-N		4 PO4	17	25.53	268.65	24.90	105.27	.075	
1 NH4-N		5 OXYGEN	17	25.53	71.76	24.90	52.72	.141	
1 NH4-N		6 S O/00	17	25.53	3253.71	24.90	57.59	.041	
1 NH4-N		7 TEMP	17	25.53	694.76	24.90	72.10	-0.194	
2 NO2-N		2 NO2-N	17	16.47	16.47	14.58	14.58	1.000	
2 NO2-N		3 NO3-N	17	16.47	2555.24	14.58	610.36	-0.102	
2 NO2-N		4 PO4	17	16.47	268.65	14.58	105.27	.502	
2 NO2-N		5 OXYGEN	17	16.47	71.76	14.58	52.72	-0.299	
2 NO2-N		6 S O/00	17	16.47	3253.71	14.58	57.59	.395	
2 NO2-N		7 TEMP	17	16.47	694.76	14.58	72.10	-0.331	
3 NO3-N		3 NO3-N	17	2555.24	2555.24	610.36	610.36	1.000	
3 NO3-N		4 PO4	17	2555.24	268.65	610.36	105.27	-0.050	
3 NO3-N		5 OXYGEN	17	2555.24	71.76	610.36	52.72	-0.257	
3 NO3-N		6 S O/00	17	2555.24	3253.71	610.36	57.59	.405	
3 NO3-N		7 TEMP	17	2555.24	694.76	610.36	72.10	-0.437	
4 PO4		4 PO4	17	268.65	268.65	105.27	105.27	1.000	
4 PO4		5 OXYGEN	17	268.65	71.76	105.27	52.72	-0.182	
4 PO4		6 S O/00	17	268.65	3253.71	105.27	57.59	.675	
4 PO4		7 TEMP	17	268.65	694.76	105.27	72.10	-0.257	
5 OXYGEN		5 OXYGEN	17	71.76	71.76	52.72	52.72	1.000	
5 OXYGEN		6 S O/00	17	71.76	3253.71	52.72	57.59	-0.085	
5 OXYGEN		7 TEMP	17	71.76	694.76	52.72	72.10	.696	
6 S O/00		6 S O/00	17	3253.71	3253.71	57.59	57.59	1.000	
6 S O/00		7 TEMP	17	3253.71	694.76	57.59	72.10	-0.335	
7 TEMP		7 TEMP	17	694.76	694.76	72.10	72.10	1.000	

VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	18	74.06	74.06	47.25	47.25	1.000
1	NH4-N	2	NO2-N	18	74.06	37.00	47.25	27.81	.722
1	NH4-N	3	NO3-N	18	74.06	1251.11	47.25	1867.43	.697
1	NH4-N	4	P04	18	74.06	164.44	47.25	91.28	.680
1	NH4-N	5	OXYGEN	18	74.06	311.61	47.25	94.49	.390
1	NH4-N	6	S O/00	18	74.06	2101.17	47.25	479.59	-0.145
1	NH4-N	7	TEMP	18	74.06	964.22	47.25	638.42	-0.479
2	NO2-N	2	NO2-N	18	37.00	37.00	27.81	27.81	1.000
2	NO2-N	3	NO3-N	18	37.00	1251.11	27.81	1867.43	.507
2	NO2-N	4	P04	18	37.00	164.44	27.81	91.28	.304
2	NO2-N	5	OXYGEN	18	37.00	311.61	27.81	94.49	.410
2	NO2-N	6	S O/00	18	37.00	2101.17	27.81	479.59	-0.196
2	NO2-N	7	TEMP	18	37.00	964.22	27.81	638.42	-0.581
3	NO3-N	3	NO3-N	18	1251.11	1251.11	1867.43	1867.43	1.000
3	NO3-N	4	p04	18	1251.11	164.44	1867.43	91.28	.734
3	NO3-N	5	OXYGEN	18	1251.11	311.61	1867.43	94.49	.116
3	NO3-N	6	S O/00	18	1251.11	2101.17	1867.43	479.59	.018
3	NO3-N	7	TEMP	18	1251.11	964.22	1867.43	638.42	-0.581
4	P04	4	P04	18	164.44	164.44	91.28	91.28	1.000
4	P04	5	OXYGEN	18	164.44	311.61	91.28	94.49	.026
4	P04	6	S O/00	18	164.44	2101.17	91.28	479.59	-0.127
4	P04	7	TEMP	18	164.44	964.22	91.28	638.42	-0.228
5	OXYGEN	5	OXYGEN	18	311.61	311.61	94.49	94.49	1.000
5	OXYGEN	6	S O/00	18	311.61	2101.17	94.49	479.59	-0.053
5	OXYGEN	7	TEMP	18	311.61	964.22	94.49	638.42	-0.227
6	S O/00	6	S O/00	18	2101.17	2101.17	479.59	479.59	1.000
6	S O/00	7	TEMP	18	2101.17	964.22	479.59	638.42	-0.554
7	TEMP	7	TEMP	18	964.22	964.22	638.42	638.42	1.000

VARIABLE X	VERSUS	VARIABLE Y	NUMBER		STANDARD DEV.		PEARSON'S		
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	14	48.71	48.71	35.59	35.59	1.000
1	NH4-N	2	NO2-N	14	48.71	19.07	35.59	14.00	.465
1	NH4-N	3	NO3-N	14	48.71	1828.07	35.59	1275.47	-0.250
1	NH4-N	4	P04	14	48.71	198.14	35.59	72.56	.004
1	NH4-N	5	OXYGEN	14	48.71	172.71	35.59	108.20	.732
1	NH4-N	6	S 0/00	14	48.71	2701.21	35.59	384.34	-0.138
1	NH4-N	7	TEMP	14	48.71	780.71	35.59	450.28	-0.357
2	NO2-N	2	NO2-N	14	19.07	19.07	14.00	14.00	1.000
2	NO2-N	3	NO3-N	14	19.07	1828.07	14.00	1275.47	.051
2	NO2-N	4	P04	14	19.07	198.14	14.00	72.56	.029
2	NO2-N	5	OXYGEN	14	19.07	172.71	14.00	108.20	.393
2	NO2-N	6	S 0/00	14	19.07	2701.21	14.00	384.34	-0.049
2	NO2-N	7	TEMP	14	19.07	780.71	14.00	450.28	-0.218
3	NO3-N	3	NO3-N	14	1828.07	1828.07	1275.47	1275.47	1.000
3	NO3-N	4	P04	14	1828.07	198.14	1275.47	72.56	.177
3	NO3-N	5	OXYGEN	14	1828.07	172.71	1275.47	108.20	-0.169
3	NO3-N	6	S 0/00	14	1828.07	2701.21	1275.47	384.34	.853
3	NO3-N	7	TEMP	14	1828.07	780.71	1275.47	450.28	-0.651
4	P04	4	P04	14	198.14	198.14	72.56	72.56	1.000
4	P04	5	OXYGEN	14	198.14	172.71	72.56	108.20	-0.361
4	P04	6	S 0/00	14	198.14	2701.21	72.56	384.34	.115
4	P04	7	TEMP	14	198.14	780.71	72.56	450.28	.034
5	OXYGEN	5	OXYGEN	14	172.71	172.71	108.20	108.20	1.000
5	OXYGEN	6	S 0/00	14	172.71	2701.21	108.20	384.34	-0.080
5	OXYGEN	7	TEMP	14	172.71	780.71	108.20	450.28	-0.503
6	S 0/00	6	S 0/00	14	2701.21	2701.21	384.34	384.34	1.000
6	S 0/00	7	TEMP	14	2701.21	780.71	384.34	450.28	-0.745
7	TEMP	7	TEMP	14	780.71	780.71	450.28	450.28	1.000

 VARIABLE X VERSUS VARIABLE Y NUMBER STANDARD DEV. PEARSON'S
 NO. NAME NO. NAME OF CASES X MEAN Y MEAN X Y R

1	NH4-N	1	NH4-N	13	28.62	28.62	30.41	30.41	1.000
1	NH4-N	2	NO2-N	13	28.62	10.77	30.41	6.65	.223
1	NH4-N	3	NO3-N	13	28.62	2925.77	30.41	576.47	-0.077
1	NH4-N	4	P04	13	28.62	274.85	30.41	221.18	.821
1	NH4-N	5	OXYGEN	13	28.62	130.15	30.41	62.90	.613
1	NH4-N	6	S 0/00	13	28.62	3072.46	30.41	107.61	-0.031
1	NH4-N	7	TEMP	13	28.62	592.69	30.41	151.91	-0.491
2	NO2-N	2	NO2-N	13	10.77	10.77	6.65	6.65	1.000
2	NO2-N	3	NO3-N	13	10.77	2925.77	6.65	576.47	-0.413
2	NO2-N	4	P04	13	10.77	274.85	6.65	221.18	.004
2	NO2-N	5	OXYGEN	13	10.77	130.15	6.65	62.90	.580
2	NO2-N	6	S 0/00	13	10.77	3072.46	6.65	107.61	.074
2	NO2-N	7	TEMP	13	10.77	592.69	6.65	151.91	-0.571
3	NO3-N	3	NO3-N	13	2925.77	2925.77	576.47	576.47	1.000
3	NO3-N	4	P04	13	2925.77	274.85	576.47	221.18	.174
3	NO3-N	5	OXYGEN	13	2925.77	130.15	576.47	62.90	-0.210
3	NO3-N	6	S 0/00	13	2925.77	3072.46	576.47	107.61	.138
3	NO3-N	7	TEMP	13	2925.77	592.69	576.47	151.91	.213
4	P04	4	P04	13	274.85	274.85	221.18	221.18	1.000
4	P04	5	OXYGEN	13	274.85	130.15	221.18	62.90	.137
4	P04	6	S 0/00	13	274.85	3072.46	221.18	107.61	.196
4	P04	7	TEMP	13	274.85	592.69	221.18	151.91	-0.021
5	OXYGEN	5	OXYGEN	13	130.15	130.15	62.90	62.90	1.000
5	OXYGEN	6	S 0/00	13	130.15	3072.46	62.90	107.61	-0.231
5	OXYGEN	7	TEMP	13	130.15	592.69	62.90	151.91	-0.966
6	S 0/00	6	S 0/00	13	3072.46	3072.46	107.61	107.61	1.000
6	S 0/00	7	TEMP	13	3072.46	592.69	107.61	151.91	.155
7	TEMP	7	TEMP	13	592.69	592.69	151.91	151.91	1.000

VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	4	37.00	37.00	42.71	42.71	1.000
1	NH4-N	2	NO2-N	4	37.00	27.50	42.71	35.26	-0.257
1	NH4-N	3	NO3-N	4	37.00	3007.25	42.71	701.50	.379
1	NH4-N	4	P04	4	37.00	303.75	42.71	72.24	-0.631
1	NH4-N	5	OXYGEN	4	37.00	91.75	42.71	30.76	.626
1	NH4-N	6	S 0/00	4	37.00	3183.00	42.71	77.49	.146
1	NH4-N	7	TEMP	4	37.00	614.00	42.71	72.67	-0.116
2	NO2-N	2	NO2-N	4	27.50	27.50	35.26	35.26	1.000
2	NO2-N	3	NO3-N	4	27.50	3007.25	35.26	701.50	-0.989
2	NO2-N	4	P04	4	27.50	303.75	35.26	72.24	.719
2	NO2-N	5	OXYGEN	4	27.50	91.75	35.26	30.76	-0.902
2	NO2-N	6	S 0/00	4	27.50	3183.00	35.26	77.49	.428
2	NO2-N	7	TEMP	4	27.50	614.00	35.26	72.67	.839
3	NO3-N	3	NO3-N	4	3007.25	3007.25	701.50	701.50	1.000
3	NO3-N	4	P04	4	3007.25	303.75	701.50	72.24	-0.737
3	NO3-N	5	OXYGEN	4	3007.25	91.75	701.50	30.76	.955
3	NO3-N	6	S 0/00	4	3007.25	3183.00	701.50	77.49	-0.446
3	NO3-N	7	TEMP	4	3007.25	614.00	701.50	72.67	-0.852
4	P04	4	P04	4	303.75	303.75	72.24	72.24	1.000
4	P04	5	OXYGEN	4	303.75	91.75	72.24	30.76	-0.765
4	P04	6	S 0/00	4	303.75	3183.00	72.24	77.49	-0.263
4	P04	7	TEMP	4	303.75	614.00	72.24	72.67	.279
5	OXYGEN	5	OXYGEN	4	91.75	91.75	30.76	30.76	1.000
5	OXYGEN	6	S 0/00	4	91.75	3183.00	30.76	77.49	-0.399
5	OXYGEN	7	TEMP	4	91.75	614.00	30.76	72.67	-0.790
6	S 0/00	6	S 0/00	4	3183.00	3183.00	77.49	77.49	1.000
6	S 0/00	7	TEMP	4	3183.00	614.00	77.49	72.67	.848
7	TEMP	7	TEMP	4	614.00	614.00	72.67	72.67	1.000

VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	28	30.11	30.11	29.87	29.87	1.000
1	NH4-N	2	NO2-N	28	30.11	24.96	29.87	38.66	.232
1	NH4-N	3	NO3-N	28	30.11	2601.11	29.87	931.34	-0.031
1	NH4-N	4	PO4	28	30.11	363.25	29.87	174.24	.218
1	NH4-N	5	OXYGEN	28	30.11	48.82	29.87	41.56	-0.197
1	NH4-N	6	S 0/00	28	30.11	3300.57	29.87	65.51	-0.097
1	NH4-N	7	TEMP	28	30.11	657.93	29.87	49.38	-0.270
2	NO2-N	2	NO2-N	28	24.96	24.96	38.66	38.66	1.000
2	NO2-N	3	NO3-N	28	24.96	2601.11	38.66	931.34	-0.334
2	NO2-N	4	PO4	28	24.96	363.25	38.66	174.24	.108
2	NO2-N	5	OXYGEN	28	24.96	48.82	38.66	41.56	-0.416
2	NO2-N	6	S 0/00	28	24.96	3300.57	38.66	65.51	.143
2	NO2-N	7	TEMP	28	24.96	657.93	38.66	49.38	-0.261
3	NO3-N	3	NO3-N	28	2601.11	2601.11	931.34	931.34	1.000
3	NO3-N	4	PO4	28	2601.11	363.25	931.34	174.24	-0.547
3	NO3-N	5	OXYGEN	28	2601.11	48.82	931.34	41.56	.338
3	NO3-N	6	S 0/00	28	2601.11	3300.57	931.34	65.51	.002
3	NO3-N	7	TEMP	28	2601.11	657.93	931.34	49.38	-0.064
4	PO4	4	PO4	28	363.25	363.25	174.24	174.24	1.000
4	PO4	5	OXYGEN	28	363.25	48.82	174.24	41.56	-0.507
4	PO4	6	S 0/00	28	363.25	3300.57	174.24	65.51	.596
4	PO4	7	TEMP	28	363.25	657.93	174.24	49.38	-0.261
5	OXYGEN	5	OXYGEN	28	48.82	48.82	41.56	41.56	1.000
5	OXYGEN	6	S 0/00	28	48.82	3300.57	41.56	65.51	-0.301
5	OXYGEN	7	TEMP	28	48.82	657.93	41.56	49.38	.716
6	S 0/00	6	S 0/00	28	3300.57	3300.57	65.51	65.51	1.000
6	S 0/00	7	TEMP	28	3300.57	657.93	65.51	49.38	-0.354
7	TEMP	7	TEMP	28	657.93	657.93	49.38	49.38	1.000

VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON*	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	7	38.43	38.43	11.84	11.84	1.000
1	NH4-N	2	NO2-N	7	38.43	10.57	11.84	4.69	.899
1	NH4-N	3	NO3-N	7	38.43	2346.14	11.84	281.00	.856
1	NH4-N	4	P04	7	38.43	103.57	11.84	25.28	-0.468
1	NH4-N	5	OXYGEN	7	38.43	279.00	11.84	43.61	.686
1	NH4-N	6	S 0/00	7	38.43	3009.71	11.84	348.49	-0.712
1	NH4-N	7	TEMP	7	38.43	449.86	11.84	182.67	-0.684
2	NO2-N	2	NO2-N	7	10.57	10.57	4.69	4.69	1.000
2	NO2-N	3	NO3-N	7	10.57	2346.14	4.69	281.00	.968
2	NO2-N	4	P04	7	10.57	103.57	4.69	25.28	-0.773
2	NO2-N	5	OXYGEN	7	10.57	279.00	4.69	43.61	.874
2	NO2-N	6	S 0/00	7	10.57	3009.71	4.69	348.49	-0.907
2	NO2-N	7	TEMP	7	10.57	449.86	4.69	182.67	-0.916
3	NO3-N	3	NO3-N	7	2346.14	2346.14	281.00	281.00	1.000
3	NO3-N	4	P04	7	2346.14	103.57	281.00	25.28	-0.736
3	NO3-N	5	OXYGEN	7	2346.14	279.00	281.00	43.61	.755
3	NO3-N	6	S 0/00	7	2346.14	3009.71	281.00	348.49	-0.804
3	NO3-N	7	TEMP	7	2346.14	449.86	281.00	182.67	-0.839
4	P04	4	P04	7	103.57	103.57	25.28	25.28	1.000
4	P04	5	OXYGEN	7	103.57	279.00	25.28	43.61	-0.891
4	P04	6	S 0/00	7	103.57	3009.71	25.28	348.49	.884
4	P04	7	TEMP	7	103.57	449.86	25.28	182.67	.879
5	OXYGEN	5	OXYGEN	7	279.00	279.00	43.61	43.61	1.000
5	OXYGEN	6	S 0/00	7	279.00	3009.71	43.61	348.49	-0.990
5	OXYGEN	7	TEMP	7	279.00	449.86	43.61	182.67	-0.960
6	S 0/00	6	S 0/00	7	3009.71	3009.71	348.49	348.49	1.000
6	S 0/00	7	TEMP	7	3009.71	449.86	348.49	182.67	.977
7	TEMP	7	TEMP	7	449.86	449.86	182.67	182.67	1.000

VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	6	169.17	169.17	74.76	74.76	1.000
1	NH4-N	2	NO2-N	6	169.17	20.83	74.76	8.86	.601
1	NH4-N	3	NO3-N	6	169.17	2177.17	74.76	822.09	.731
1	NH4-N	4	P04	6	169.17	95.33	74.76	43.88	-.787
1	NH4-N	5	OXYGEN	6	169.17	282.50	74.76	50.84	.634
1	NH4-N	6	S O/00	6	169.17	2981.50	74.76	466.80	-.929
1	NH4-N	7	TEMP	6	169.17	506.83	74.76	123.30	-.120
2	NO2-N	2	NO2-N	6	20.83	20.83	8.86	8.86	1.000
2	NO2-N	3	NO3-N	6	20.83	2177.17	8.86	822.09	.292
2	NO2-N	4	P04	6	20.83	95.33	8.86	43.88	-0.629
2	NO2-N	5	OXYGEN	6	20.83	282.50	8.86	50.84	.939
2	NO2-N	6	S O/00	6	20.83	2981.50	8.86	466.80	-0.794
2	NO2-N	7	TEMP	6	20.83	506.83	8.86	123.30	-0.719
3	NO3-N	3	NO3-N	6	2177.17	2177.17	822.09	822.09	1.000
3	NO3-N	4	P04	6	2177.17	95.33	822.09	43.88	-0.425
3	NO3-N	5	OXYGEN	6	2177.17	282.50	822.09	50.84	.222
3	NO3-N	6	S O/00	6	2177.17	2981.50	822.09	466.80	-0.536
3	NO3-N	7	TEMP	6	2177.17	506.83	822.09	123.30	.223
4	P04	4	P04	6	95.33	95.33	43.88	43.88	1.000
4	P04	5	OXYGEN	6	95.33	282.50	43.88	50.84	-0.777
4	P04	6	S O/00	6	95.33	2981.50	43.88	466.80	.911
4	P04	7	TEMP	6	95.33	506.83	43.88	123.30	.353
5	OXYGEN	5	OXYGEN	6	282.50	282.50	50.84	50.84	1.000
5	OXYGEN	6	S O/00	6	282.50	2981.50	50.84	466.80	-0.852
5	OXYGEN	7	TEMP	6	282.50	506.83	50.84	123.30	-0.808
6	S O/00	6	S O/00	6	2981.50	2981.50	466.80	466.80	1.000
6	S O/00	7	TEMP	6	2981.50	506.83	466.80	123.30	.399
7	TEMP	7	TEMP	6	506.83	506.83	123.30	123.30	1.000

VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	9	42.11	42.11	21.61	21.61	1.000
1	NH4-N	2	NO2-N	9	42.11	36.11	21.61	13.46	.387
1	NH4-N	3	NO3-N	9	42.11	1142.89	21.61	849.41	-0.663
1	NH4-N	4	P04	9	42.11	118.11	21.61	37.37	-0.739
1	NH4-N	5	OXYGEN	9	42.11	282.89	21.61	40.24	.454
1	NH4-N	6	S O/00	9	42.11	2809.44	21.61	488.47	-0.831
1	NH4-N	7	TEMP	9	42.11	655.56	21.61	130.64	.900
2	NO2-N	2	NO2-N	9	36.11	36.11	13.46	13.46	1.000
2	NO2-N	3	NO3-N	9	36.11	1142.89	13.46	849.41	-0.670
2	NO2-N	4	P04	9	36.11	118.11	13.46	37.37	-0.609
2	NO2-N	5	OXYGEN	9	36.11	282.89	13.46	40.24	.579
2	NO2-N	6	S O/00	9	36.11	2809.44	13.46	488.47	-0.618
2	NO2-N	7	TEMP	9	36.11	655.56	13.46	130.64	.505
3	NO3-N	3	NO3-N	9	1142.89	1142.89	849.41	849.41	1.000
3	NO3-N	4	P04	9	1142.89	118.11	849.41	37.37	.963
3	NO3-N	5	OXYGEN	9	1142.89	282.89	849.41	40.24	-0.913
3	NO3-N	6	S O/00	9	1142.89	2809.44	849.41	488.47	.926
3	NO3-N	7	TEMP	9	1142.89	655.56	849.41	130.64	-0.642
4	P04	4	P04	9	118.11	118.11	37.37	37.37	1.000
4	P04	5	OXYGEN	9	118.11	282.89	37.37	40.24	-0.905
4	P04	6	S O/00	9	118.11	2809.44	37.37	488.47	.968
4	P04	7	TEMP	9	118.11	655.56	37.37	130.64	-0.620
5	OXYGEN	5	OXYGEN	9	282.89	282.89	40.24	40.24	1.000
5	OXYGEN	6	S O/00	9	282.89	2809.44	40.24	488.47	-0.819
5	OXYGEN	7	TEMP	9	282.89	655.56	40.24	130.64	.327
6	S O/00	6	S O/00	9	2809.44	2809.44	488.47	488.47	1.000
6	S O/00	7	TEMP	9	2809.44	655.56	488.47	130.64	-0.728
7	TEMP	7	TEMP	9	655.56	655.56	130.64	130.64	1.000

VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	3	15.33	15.33	3.06	3.06	1.000
1	NH4-N	2	NO2-N	3	15.33	11.67	3.06	7.09	.769
1	NH4-N	3	NO3-N	3	15.33	761.67	3.06	842.54	-0.800
1	NH4-N	4	P04	3	15.33	31.67	3.06	13.28	-0.945
1	NH4-N	5	OXYGEN	3	15.33	255.67	3.06	33.29	.115
1	NH4-N	6	S 0/00	3	15.33	2182.67	3.06	910.72	-0.747
1	NH4-N	7	TEMP	3	15.33	1133.00	3.06	503.93	.749
2	NO2-N	2	NO2-N	3	11.67	11.67	7.09	7.09	1.000
2	NO2-N	3	NO3-N	3	11.67	761.67	7.09	842.54	-0.999
2	NO2-N	4	P04	3	11.67	31.67	7.09	13.28	-0.936
2	NO2-N	5	OXYGEN	3	11.67	255.67	7.09	33.29	.723
2	NO2-N	6	S 0/00	3	11.67	2182.67	7.09	910.72	-0.999
2	NO2-N	7	TEMP	3	11.67	1133.00	7.09	503.93	1.000
3	NO3-N	3	NO3-N	3	761.67	761.67	842.54	842.54	1.000
3	NO3-N	4	p04	3	761.67	31.67	842.54	13.28	.952
3	NO3-N	5	OXYGEN	3	761.67	255.67	842.54	33.29	-0.688
3	NO3-N	6	S 0/00	3	761.67	2182.67	842.54	910.72	.997
3	NO3-N	7	TEMP	3	761.67	1133.00	842.54	503.93	-0.997
4	P04	4	P04	3	31.67	31.67	13.28	13.28	1.000
4	P04	5	OXYGEN	3	31.67	255.67	13.28	33.29	-0.434
4	P04	6	S 0/00	3	31.67	2182.67	13.28	910.72	.924
4	P04	7	TEMP	3	31.67	1133.00	13.28	503.93	-0.925
5	OXYGEN	5	OXYGEN	3	255.67	255.67	33.29	33.29	1.000
5	OXYGEN	6	S 0/00	3	255.67	2182.67	33.29	910.72	-0.746
5	OXYGEN	7	TEMP	3	255.67	1133.00	33.29	503.93	.744
6	S 0/00	6	S 0/00	3	2182.67	2182.67	910.72	910.72	1.000
6	S 0/00	7	TEMP	3	2182.67	1133.00	910.72	503.93	-1.000
7	TEMP	7	TEMP	3	1133.00	1133.00	503.93	503.93	1.000

VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	8	23.88	23.88	9.85	9.85	1.000
1	NH4-N	2	NO2-N	8	23.88	15.38	9.85	13.97	.738
1	NH4-N	3	NO3-N	8	23.88	707.38	9.85	835.40	-0.659
1	NH4-N	4	PO4	8	23.88	132.75	9.85	40.82	-0.283
1	NH4-N	5	OXYGEN	8	23.88	224.75	9.85	25.29	.180
1	NH4-N	6	S O/00	8	23.88	2534.50	9.85	580.67	-0.501
1	NH4-N	7	TEMP	8	23.88	1296.25	9.85	412.02	.469
2	NO2-N	2	NO2-N	8	15.38	15.38	13.97	13.97	1.000
2	NO2-N	3	NO3-N	8	15.38	707.38	13.97	835.40	-0.343
2	NO2-N	4	PO4	8	15.38	132.75	13.97	40.82	-0.361
2	NO2-N	5	OXYGEN	8	15.38	224.75	13.97	25.29	.349
2	NO2-N	6	S O/00	8	15.38	2534.50	13.97	580.67	-0.382
2	NO2-N	7	TEMP	8	15.38	1296.25	13.97	412.02	.341
3	NO3-N	3	NO3-N	8	707.38	707.38	835.40	835.40	1.000
3	NO3-N	4	PO4	8	707.38	132.75	835.40	40.82	.610
3	NO3-N	5	OXYGEN	8	707.38	224.75	835.40	25.29	-0.063
3	NO3-N	6	S O/00	8	707.38	2534.50	835.40	580.67	.639
3	NO3-N	7	TEMP	8	707.38	1296.25	835.40	412.02	-0.513
4	PO4	4	PO4	8	132.75	132.75	40.82	40.82	1.000
4	PO4	5	OXYGEN	8	132.75	224.75	40.82	25.29	.212
4	PO4	6	S O/00	8	132.75	2534.50	40.82	580.67	-0.058
4	PO4	7	TEMP	8	132.75	1296.25	40.82	412.02	.123
5	OXYGEN	5	OXYGEN	8	224.75	224.75	25.29	25.29	1.000
5	OXYGEN	6	S O/00	8	224.75	2534.50	25.29	580.67	-0.420
5	OXYGEN	7	TEMP	8	224.75	1296.25	25.29	412.02	.224
6	S O/00	6	S O/00	8	2534.50	2534.50	580.67	580.67	1.000
6	S O/00	7	TEMP	8	2534.50	1296.25	580.67	412.02	-0.919
7	TEMP	7	TEMP	8	1296.25	1296.25	412.02	412.02	1.000

VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1 NH4-N		1 NH4-N	8	23.63	23.63	6.23	6.23	1.000	
1 NH4-N		2 NO2-N	8	23.63	20.88	6.23	16.37	.827	
1 NH4-N		3 NO3-N	8	23.63	1476.25	6.23	537.90	-0.777	
1 NH4-N		4 PO4	8	23.63	104.88	6.23	19.82	-0.006	
1 NH4-N		5 OXYGEN	8	23.63	218.88	6.23	37.14	.751	
1 NH4-N		6 S O/00	8	23.63	2980.63	6.23	488.50	-0.924	
1 NH4-N		7 TEMP	8	23.63	938.25	6.23	289.62	.424	
2 NO2-N		2 NO2-N	8	20.88	20.88	16.37	16.37	1.000	
2 NO2-N		3 NO3-N	8	20.88	1476.25	16.37	537.90	-0.798	
2 NO2-N		4 PO4	8	20.88	104.88	16.37	19.82	-0.297	
2 NO2-N		5 OXYGEN	8	20.88	218.88	16.37	37.14	.427	
2 NO2-N		6 S O/00	8	20.88	2980.63	16.37	488.50	-0.867	
2 NO2-N		7 TEMP	8	20.88	938.25	16.37	289.62	.713	
3 NO3-N		3 NO3-N	8	1476.25	1476.25	537.90	537.90	1.000	
3 NO3-N		4 PO4	8	1476.25	104.88	537.90	19.82	.573	
3 NO3-N		5 OXYGEN	8	1476.25	218.88	537.90	37.14	-0.597	
3 NO3-N		6 S O/00	8	1476.25	2980.63	537.90	488.50	.917	
3 NO3-N		7 TEMP	8	1476.25	938.25	537.90	289.62	-0.748	
4 PO4		4 PO4	8	104.88	104.88	19.82	19.82	1.000	
4 PO4		5 OXYGEN	8	104.88	218.88	19.82	37.14	.071	
4 PO4		6 S O/00	8	104.88	2980.63	19.82	488.50	.263	
4 PO4		7 TEMP	8	104.88	938.25	19.82	289.62	-0.655	
5 OXYGEN		5 OXYGEN	8	218.88	218.88	37.14	37.14	1.000	
5 OXYGEN		6 S O/00	8	218.88	2980.63	37.14	488.50	-0.713	
5 OXYGEN		7 TEMP	8	218.88	938.25	37.14	289.62	.029	
6 S O/00		6 S O/00	8	2980.63	2980.63	488.50	488.50	1.000	
6 S O/00		7 TEMP	8	2980.63	938.25	488.50	289.62	-0.641	
7 TEMP		7 TEMP	8	938.25	938.25	289.62	289.62	1.000	

VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	7	33.86	33.86	42.91	42.91	1.000
1	NH4-N	2	NO2-N	7	33.86	13.43	42.91	17.90	.999
1	NH4-N	3	NO3-N	7	33.86	1103.71	42.91	347.32	.930
1	NH4-N	4	PO4	7	33.86	95.57	42.91	18.82	.905
1	NH4-N	5	OXYGEN	7	33.86	226.57	42.91	26.68	.991
1	NH4-N	6	S O/00	7	33.86	3237.29	42.91	382.75	-0.999
1	NH4-N	7	TEMP	7	33.86	908.86	42.91	313.59	-0.753
2	NO2-N	2	NO2-N	7	13.43	13.43	17.90	17.90	1.000
2	NO2-N	3	NO3-N	7	13.43	1103.71	17.90	347.32	.918
2	NO2-N	4	PO4	7	13.43	95.57	17.90	18.82	.922
2	NO2-N	5	OXYGEN	7	13.43	226.57	17.90	26.68	.984
2	NO2-N	6	S O/00	7	13.43	3237.29	17.90	382.75	-0.997
2	NO2-N	7	TEMP	7	13.43	908.86	17.90	313.59	-0.785
3	NO3-N	3	NO3-N	7	1103.71	1103.71	347.32	347.32	1.000
3	NO3-N	4	PO4	7	1103.71	95.57	347.32	18.82	.760
3	NO3-N	5	OXYGEN	7	1103.71	226.57	347.32	26.68	.945
3	NO3-N	6	S O/00	7	1103.71	3237.29	347.32	382.75	-0.941
3	NO3-N	7	TEMP	7	1103.71	908.86	347.32	313.59	-0.556
4	PO4	4	PO4	7	95.57	95.57	18.82	18.82	1.000
4	PO4	5	OXYGEN	7	95.57	226.57	18.82	26.68	.842
4	PO4	6	S O/00	7	95.57	3237.29	18.82	382.75	-0.896
4	PO4	7	TEMP	7	95.57	908.86	18.82	313.59	-0.930
5	OXYGEN	5	OXYGEN	7	226.57	226.57	26.68	26.68	1.000
5	OXYGEN	6	S O/00	7	226.57	3237.29	26.68	382.75	-0.992
5	OXYGEN	7	TEMP	7	226.57	908.86	26.68	313.59	-0.666
6	S O/00	6	S O/00	7	3237.29	3237.29	382.75	382.75	1.000
6	S O/00	7	TEMP	7	3237.29	908.86	382.75	313.59	.737
7	TEMP	7	TEMP	7	908.86	908.86	313.59	313.59	1.000

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VARIABLE X      VERSUS      VARIABLE Y      NUMBER      X MEAN      Y MEAN      STANDARD DEV.      PEARSON'S
NO.  NAME      NO.  NAME      OF CASES      X MEAN      Y MEAN      X      Y      R
*****
1  NH4-N      1  NH4-N      7      11.00      11.00      11.40      11.40      1.000
1  NH4-N      2  NO2-N      7      11.00      46.43      11.40      29.46      -0.664
1  NH4-N      3  NO3-N      7      11.00      2137.57      11.40      629.09      .893
1  NH4-N      4  P04      7      11.00      136.86      11.40      20.22      .733
1  NH4-N      5  OXYGEN      7      11.00      245.57      11.40      25.45      .596
1  NH4-N      6  S 0/00      7      11.00      3265.14      11.40      181.05      -0.683
1  NH4-N      7  TEMP      7      11.00      593.57      11.40      177.81      -0.911

2  NO2-N      2  NO2-N      7      46.43      46.43      29.46      29.46      1.000
2  NO2-N      3  NO3-N      7      46.43      2137.57      29.46      629.09      -0.650
2  NO2-N      4  P04      7      46.43      136.86      29.46      20.22      -0.726
2  NO2-N      5  OXYGEN      7      46.43      245.57      29.46      25.45      .131
2  NO2-N      6  S 0/00      7      46.43      3265.14      29.46      181.05      .073
2  NO2-N      7  TEMP      7      46.43      593.57      29.46      177.81      .370

3  NO3-N      3  NO3-N      7      2137.57      2137.57      629.09      629.09      1.000
3  NO3-N      4  P04      7      2137.57      136.86      629.09      20.22      .538
3  NO3-N      5  OXYGEN      7      2137.57      245.57      629.09      25.45      .430
3  NO3-N      6  S 0/00      7      2137.57      3265.14      629.09      181.05      -0.787
3  NO3-N      7  TEMP      7      2137.57      593.57      629.09      177.81      -0.864

4  P04      4  P04      7      136.86      136.86      20.22      20.22      1.000
4  P04      5  OXYGEN      7      136.86      245.57      20.22      25.45      .152
4  P04      6  S 0/00      7      136.86      3265.14      20.22      181.05      -0.131
4  P04      7  TEMP      7      136.86      593.57      20.22      177.81      -0.485

5  OXYGEN      5  OXYGEN      7      245.57      245.57      25.45      25.45      1.000
5  OXYGEN      6  S 0/00      7      245.57      3265.14      25.45      181.05      -0.774
5  OXYGEN      7  TEMP      7      245.57      593.57      25.45      177.81      -0.816

6  S 0/00      6  S 0/00      7      3265.14      3265.14      181.05      181.05      1.000
6  S 0/00      7  TEMP      7      3265.14      593.57      181.05      177.81      .889

7  TEMP      7  TEMP      7      593.57      593.57      177.81      177.81      1.000

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VARIABLE X      VERSUS  VARIABLE Y      NUMBER      X MEAN      Y MEAN      STANDARD DEV.      PEARSON'S
NO.  NAME      NO.  NAME      OF CASES      X MEAN      Y MEAN      X              Y              R
*****
1  NH4-N      1  NH4-N      8      42.63      42.63      24.11      24.11      1.000
1  NH4-N      2  NO2-N      8      42.63      33.63      24.11      37.06      -0.226
1  NH4-N      3  NO3-N      8      42.63      1205.13     24.11      801.64      -0.799
1  NH4-N      4  PO4       8      42.63      103.75      24.11      18.76      -0.634
1  NH4-N      5  OXYGEN    8      42.63      309.88      24.11      71.73      .844
1  NH4-N      6  S O/00   8      42.63      3102.13     24.11      333.74      -0.729
1  NH4-N      7  TEMP     8      42.63      401.75      24.11      307.21      -0.668

2  NO2-N      2  NO2-N      8      33.63      33.63      37.06      37.06      1.000
2  NO2-N      3  NO3-N      8      33.63      1205.13     37.06      801.64      .253
2  NO2-N      4  PO4       8      33.63      103.75      37.06      18.76      .024
2  NO2-N      5  OXYGEN    8      33.63      309.88      37.06      71.73      -0.267
2  NO2-N      6  S O/00   8      33.63      3102.13     37.06      333.74      .328
2  NO2-N      7  TEMP     8      33.63      401.75      37.06      307.21      .299

3  NO3-N      3  NO3-N      8      1205.13     1205.13     801.64      801.64      1.000
3  NO3-N      4  PO4       8      1205.13     103.75      801.64      18.76      .946
3  NO3-N      5  OXYGEN    8      1205.13     309.88      801.64      71.73      -0.954
3  NO3-N      6  S O/00   8      1205.13     3102.13     801.64      333.74      .916
3  NO3-N      7  TEMP     8      1205.13     401.75      801.64      307.21      .917

4  PO4       4  PO4       8      103.75      103.75      18.76      18.76      1.000
4  PO4       5  OXYGEN    8      103.75      309.88      18.76      71.73      -0.901
4  PO4       6  S O/00   8      103.75      3102.13     18.76      333.74      .869
4  PO4       7  TEMP     8      103.75      401.75      18.76      307.21      .894

5  OXYGEN    5  OXYGEN    8      309.88      309.88      71.73      71.73      1.000
5  OXYGEN    6  S O/00   8      309.88      3102.13     71.73      333.74      -0.948
5  OXYGEN    7  TEMP     8      309.88      401.75      71.73      307.21      -0.940

6  S O/00   6  S O/00   8      3102.13     3102.13     333.74      333.74      1.000
6  S O/00   7  TEMP     8      3102.13     401.75      333.74      307.21      .989

7  TEMP     7  TEMP     8      401.75      401.75      307.21      307.21      1.000

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VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1 NH4-N		1 NH4-N	7	29.43	29.43	22.71	22.71	1.000	
1 NH4-N		2 NO2-N	7	29.43	17.29	22.71	5.56	.135	
1 NH4-N		3 NO3-N	7	29.43	924.43	22.71	412.57	-0.968	
1 NH4-N		4 P04	7	29.43	199.57	22.71	18.86	-0.871	
1 NH4-N		5 OXYGEN	7	29.43	247.43	22.71	45.36	-0.134	
1 NH4-N		6 S 0/00	7	29.43	3102.57	22.71	464.20	-0.963	
1 NH4-N		7 TEMP	7	29.43	901.29	22.71	405.69	.928	
2 NO2-N		2 NO2-N	7	17.29	17.29	5.56	5.56	1.000	
2 NO2-N		3 NO3-N	7	17.29	924.43	5.56	412.57	-0.212	
2 NO2-N		4 P04	7	17.29	199.57	5.56	18.86	-0.442	
2 NO2-N		5 OXYGEN	7	17.29	247.43	5.56	45.36	-0.511	
2 NO2-N		6 S 0/00	7	17.29	3102.57	5.56	464.20	-0.172	
2 NO2-N		7 TEMP	7	17.29	901.29	5.56	405.69	.221	
3 NO3-N		3 NO3-N	7	924.43	924.43	412.57	412.57	1.000	
3 NO3-N		4 P04	7	924.43	199.57	412.57	18.86	.908	
3 NO3-N		5 OXYGEN	7	924.43	247.43	412.57	45.36	.287	
3 NO3-N		6 S 0/00	7	924.43	3102.57	412.57	464.20	.991	
3 NO3-N		7 TEMP	7	924.43	901.29	412.57	405.69	-0.981	
4 P04		4 P04	7	199.57	199.57	18.86	18.86	1.000	
4 P04		5 OXYGEN	7	199.57	247.43	18.86	45.36	.587	
4 P04		6 S 0/00	7	199.57	3102.57	18.86	464.20	.914	
4 P04		7 TEMP	7	199.57	901.29	18.86	405.69	-0.901	
5 OXYGEN		5 OXYGEN	7	247.43	247.43	45.36	45.36	1.000	
5 OXYGEN		6 S 0/00	7	247.43	3102.57	45.36	464.20	.307	
5 OXYGEN		7 TEMP	7	247.43	901.29	45.36	405.69	-0.333	
6 S 0/00		6 S 0/00	7	3102.57	3102.57	464.20	464.20	1.000	
6 S 0/00		7 TEMP	7	3102.57	901.29	464.20	405.69	-0.991	
7 TEMP		7 TEMP	7	901.29	901.29	405.69	405.69	1.000	

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VARIABLE X      VERSUS  VARIABLE Y      NUMBER      STANDARD DEV.  PEARSON*#S
NO.  NAME      NO.  NAME      OF CASES      X MEAN  Y MEAN      X          Y          R
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1  NH4-N      1  NH4-N      6      38.50  38.50      20.46  20.46      1.000
1  NH4-N      2  NO2-N      6      38.50   9.33      20.46   5.13      .885
1  NH4-N      3  NO3-N      6      38.50 2666.17    20.46 410.71    -0.333
1  NH4-N      4  P04       6      38.50  126.67    20.46  41.71    -0.614
1  NH4-N      5  OXYGEN    6      38.50  236.00    20.46  83.03    .765
1  NH4-N      6  S 0/00   6      38.50 3077.67    20.46 287.98    -0.847
1  NH4-N      7  TEMP     6      38.50  516.17    20.46 202.39    -0.790

2  NO2-N      2  NO2-N      6         9.33   9.33       5.13   5.13      1.000
2  NO2-N      3  NO3-N      6         9.33 2666.17    5.13 410.71    -0.544
2  NO2-N      4  P04       6         9.33  126.67    5.13  41.71    -0.737
2  NO2-N      5  OXYGEN    6         9.33  236.00    5.13  83.03    .876
2  NO2-N      6  S 0/00   6         9.33 3077.67    5.13 287.98    -0.944
2  NO2-N      7  TEMP     6         9.33  516.17    5.13 202.39    -0.832

3  NO3-N      3  NO3-N      6      2666.17 2666.17    410.71 410.71    1.000
3  NO3-N      4  P04       6      2666.17  126.67    410.71  41.71    .925
3  NO3-N      5  OXYGEN    6      2666.17  236.00    410.71  83.03    -0.856
3  NO3-N      6  S 0/00   6      2666.17 3077.67    410.71 287.98    .748
3  NO3-N      7  TEMP     6      2666.17  516.17    410.71 202.39    .783

4  P04       4  P04       6      126.67  126.67    41.71  41.71    1.000
4  P04       5  OXYGEN    6      126.67  236.00    41.71  83.03    -0.953
4  P04       6  S 0/00   6      126.67 3077.67    41.71 287.98    .913
4  P04       7  TEMP     6      126.67  516.17    41.71 202.39    .855

5  OXYGEN    5  OXYGEN    6      236.00  236.00    83.03  83.03    1.000
5  OXYGEN    6  S 0/00   6      236.00 3077.67    83.03 287.98    -0.977
5  OXYGEN    7  TEMP     6      236.00  516.17    83.03 202.39    -0.956

6  S 0/00    6  S 0/00   6      3077.67 3077.67    287.98 287.98    1.000
6  S 0/00    7  TEMP     6      3077.67  516.17    287.98 202.39    .910

7  TEMP     7  TEMP     6      516.17  516.17    202.39 202.39    1.000

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VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	7	113.14	113.14	22.63	22.63	1.000
1	NH4-N	2	NO2-N	7	113.14	18.00	22.63	9.43	.400
1	NH4-N	3	NO3-N	7	113.14	2607.29	22.63	185.95	.536
1	NH4-N	4	P04	7	113.14	136.86	22.63	58.79	-0.205
1	NH4-N	5	OXYGEN	7	113.14	236.00	22.63	84.07	.112
1	NH4-N	6	S 0/00	7	113.14	3073.29	22.63	317.28	-0.456
1	NH4-N	7	TEMP	7	113.14	550.57	22.63	125.25	.407
2	NO2-N	2	NO2-N	7	18.00	18.00	9.43	9.43	1.000
2	NO2-N	3	NO3-N	7	18.00	2607.29	9.43	185.95	-0.428
2	NO2-N	4	P04	7	18.00	136.86	9.43	58.79	-0.850
2	NO2-N	5	OXYGEN	7	18.00	236.00	9.43	84.07	.823
2	NO2-N	6	S 0/00	7	18.00	3073.29	9.43	317.28	-0.954
2	NO2-N	7	TEMP	7	18.00	550.57	9.43	125.25	-0.582
3	NO3-N	3	NO3-N	7	2607.29	2607.29	185.95	185.95	1.000
3	NO3-N	4	P04	7	2607.29	136.86	185.95	58.79	.393
3	NO3-N	5	OXYGEN	7	2607.29	236.00	185.95	84.07	-0.458
3	NO3-N	6	S 0/00	7	2607.29	3073.29	185.95	317.28	.257
3	NO3-N	7	TEMP	7	2607.29	550.57	185.95	125.25	.752
4	P04	4	P04	7	136.86	136.86	58.79	58.79	1.000
4	P04	5	OXYGEN	7	136.86	236.00	58.79	84.07	-0.995
4	P04	6	S 0/00	7	136.86	3073.29	58.79	317.28	.881
4	P04	7	TEMP	7	136.86	550.57	58.79	125.25	.805
5	OXYGEN	5	OXYGEN	7	236.00	236.00	84.07	84.07	1.000
5	OXYGEN	6	S 0/00	7	236.00	3073.29	84.07	317.28	-0.849
5	OXYGEN	7	TEMP	7	236.00	550.57	84.07	125.25	-0.858
6	S 0/00	6	S 0/00	7	3073.29	3073.29	317.28	317.28	1.000
6	S 0/00	7	TEMP	7	3073.29	550.57	317.28	125.25	.555
7	TEMP	7	TEMP	7	550.57	550.57	125.25	125.25	1.000

 VARIABLE X VERSUS VARIABLE Y NUMBER STANDARD DEV. PEARSON'S
 NO. NAME NO. NAME OF CASES X MEAN Y MEAN X Y R

1	NH4-N		1	NH4-N	6	29.67	29.67	14.36	14.36	1.000
1	NH4-N		2	NO2-N	6	29.67	34.50	14.36	9.73	.906
1	NH4-N		3	NO3-N	6	29.67	1335.17	14.36	1217.00	-0.722
1	NH4-N		4	PO4	6	29.67	137.50	14.36	59.74	-0.754
1	NH4-N		5	OXYGEN	6	29.67	254.33	14.36	76.47	.886
1	NH4-N		6	S O/00	6	29.67	2814.67	14.36	498.99	-0.940
1	NH4-N		7	TEMP	6	29.67	664.17	14.36	188.54	.925
2	NO2-N		2	NO2-N	6	34.50	34.50	9.73	9.73	1.000
2	NO2-N		3	NO3-N	6	34.50	1335.17	9.73	1217.00	-0.917
2	NO2-N		4	PO4	6	34.50	137.50	9.73	59.74	-0.918
2	NO2-N		5	OXYGEN	6	34.50	254.33	9.73	76.47	.944
2	NO2-N		6	S O/00	6	34.50	2814.67	9.73	498.99	-0.949
2	NO2-N		7	TEMP	6	34.50	664.17	9.73	188.54	.705
3	NO3-N		3	NO3-N	6	1335.17	1335.17	1217.00	1217.00	1.000
3	NO3-N		4	PO4	6	1335.17	137.50	1217.00	59.74	.901
3	NO3-N		5	OXYGEN	6	1335.17	254.33	1217.00	76.47	-0.904
3	NO3-N		6	S O/00	6	1335.17	2814.67	1217.00	498.99	.890
3	NO3-N		7	TEMP	6	1335.17	664.17	1217.00	188.54	-0.505
4	PO4		4	PO4	6	137.50	137.50	59.74	59.74	1.000
4	PO4		5	OXYGEN	6	137.50	254.33	59.74	76.47	-0.942
4	PO4		6	S O/00	6	137.50	2814.67	59.74	498.99	.878
4	PO4		7	TEMP	6	137.50	664.17	59.74	188.54	-0.464
5	OXYGEN		5	OXYGEN	6	254.33	254.33	76.47	76.47	1.000
5	OXYGEN		6	S O/00	6	254.33	2814.67	76.47	498.99	-0.981
5	OXYGEN		7	TEMP	6	254.33	664.17	76.47	188.54	.687
6	S O/00		6	S O/00	6	2814.67	2814.67	498.99	498.99	1.000
6	S O/00		7	TEMP	6	2814.67	664.17	498.99	188.54	-0.801
7	TEMP		7	TEMP	6	664.17	664.17	188.54	188.54	1.000

VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	9	50.89	50.89	25.11	25.11	1.000
1	NH4-N	2	NO2-N	9	50.89	10.89	25.11	9.08	.770
1	NH4-N	3	NO3-N	9	50.89	1008.89	25.11	1078.05	-0.882
1	NH4-N	4	P04	9	50.89	131.78	25.11	64.75	-0.422
1	NH4-N	5	OXYGEN	9	50.89	228.67	25.11	76.82	.877
1	NH4-N	6	S O/00	9	50.89	2333.44	25.11	745.24	-0.846
1	NH4-N	7	TEMP	9	50.89	918.44	25.11	309.30	.767
2	NO2-N	2	NO2-N	9	10.89	10.89	9.08	9.08	1.000
2	NO2-N	3	NO3-N	9	10.89	1008.89	9.08	1078.05	-0.812
2	NO2-N	4	P04	9	10.89	131.78	9.08	64.75	-0.493
2	NO2-N	5	OXYGEN	9	10.89	228.67	9.08	76.82	.867
2	NO2-N	6	S O/00	9	10.89	2333.44	9.08	745.24	-0.916
2	NO2-N	7	TEMP	9	10.89	918.44	9.08	309.30	.805
3	NO3-N	3	NO3-N	9	1008.89	1008.89	1078.05	1078.05	1.000
3	NO3-N	4	P04	9	1008.89	131.78	1078.05	64.75	.596
3	NO3-N	5	OXYGEN	9	1008.89	228.67	1078.05	76.82	-0.965
3	NO3-N	6	S O/00	9	1008.89	2333.44	1078.05	745.24	.877
3	NO3-N	7	TEMP	9	1008.89	918.44	1078.05	309.30	-0.734
4	P04	4	P04	9	131.78	131.78	64.75	64.75	1.000
4	P04	5	OXYGEN	9	131.78	228.67	64.75	76.82	-0.548
4	P04	6	S O/00	9	131.78	2333.44	64.75	745.24	.585
4	P04	7	TEMP	9	131.78	918.44	64.75	309.30	-0.618
5	OXYGEN	5	OXYGEN	9	228.67	228.67	76.82	76.82	1.000
5	OXYGEN	6	S O/00	9	228.67	2333.44	76.82	745.24	-0.955
5	OXYGEN	7	TEMP	9	228.67	918.44	76.82	309.30	.787
6	S O/00	6	S O/00	9	2333.44	2333.44	745.24	745.24	1.000
6	S O/00	7	TEMP	9	2333.44	918.44	745.24	309.30	-0.895
7	TEMP	7	TEMP	9	918.44	918.44	309.30	309.30	1.000

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VARIABLE X      VERSUS  VARIABLE Y      NUMBER      X MEAN  Y MEAN      STANDARD DEV.  PEARSON'S
NO.  NAME      NO.  NAME      OF CASES      X      Y      X      Y      R
*****
1  NH4-N      1  NH4-N      7      27.29  27.29      3.64  3.64      1.000
1  NH4-N      2  NO2-N      7      27.29  6.57      3.64  4.93      .659
1  NH4-N      3  NO3-N      7      27.29  722.43     3.64  616.12     -0.795
1  NH4-N      4  P04      7      27.29  210.86     3.64  100.79     -0.773
1  NH4-N      5  OXYGEN    7      27.29  178.43     3.64  70.62      .784
1  NH4-N      6  S 0/00   7      27.29  2655.00    3.64  606.46     -0.797
1  NH4-N      7  TEMP     7      27.29  1095.86    3.64  444.09     .800

2  NO2-N      2  NO2-N      7      6.57   6.57      4.93  4.93      1.000
2  NO2-N      3  NO3-N      7      6.57   722.43     4.93  616.12     -0.756
2  NO2-N      4  P04      7      6.57   210.86     4.93  100.79     -0.551
2  NO2-N      5  OXYGEN    7      6.57   178.43     4.93  70.62      .725
2  NO2-N      6  S 0/00   7      6.57   2655.00    4.93  606.46     -0.750
2  NO2-N      7  TEMP     7      6.57   1095.86    4.93  444.09     .715

3  NO3-N      3  NO3-N      7      722.43  722.43     616.12  616.12     1.000
3  NO3-N      4  P04      7      722.43  210.86     616.12  100.79     .860
3  NO3-N      5  OXYGEN    7      722.43  178.43     616.12  70.62     -0.844
3  NO3-N      6  S 0/00   7      722.43  2655.00    616.12  606.46     .984
3  NO3-N      7  TEMP     7      722.43  1095.86    616.12  444.09     -0.983

4  P04      4  P04      7      210.86  210.86     100.79  100.79     1.000
4  P04      5  OXYGEN    7      210.86  178.43     100.79  70.62     -0.915
4  P04      6  S 0/00   7      210.86  2655.00    100.79  606.46     .924
4  P04      7  TEMP     7      210.86  1095.86    100.79  444.09     -0.937

5  OXYGEN    5  OXYGEN    7      178.43  178.43     70.62  70.62     1.000
5  OXYGEN    6  S 0/00   7      178.43  2655.00    70.62  606.46     -0.915
5  OXYGEN    7  TEMP     7      178.43  1095.86    70.62  444.09     .908

6  S 0/00   6  S 0/00   7      2655.00  2655.00    606.46  606.46     1.000
6  S 0/00   7  TEMP     7      2655.00  1095.86    606.46  444.09     -0.997

7  TEMP     7  TEMP     7      1095.86  1095.86    444.09  444.09     1.000

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VARIABLE X	VERSUS	VARIABLE Y	NUMBER	X MEAN	Y MEAN	STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES			X	Y	R	

1	NH4-N	1	NH4-N	6	22.33	22.33	7.09	7.09	1.000
1	NH4-N	2	NO2-N	6	22.33	15.00	7.09	10.32	.637
1	NH4-N	3	NO3-N	6	22.33	1154.50	7.09	713.08	-0.833
1	NH4-N	4	P04	6	22.33	141.17	7.09	45.81	-0.638
1	NH4-N	5	OXYGEN	6	22.33	192.83	7.09	106.88	.926
1	NH4-N	6	S 0/00	6	22.33	2628.17	7.09	512.59	-0.904
1	NH4-N	7	TEMP	6	22.33	981.17	7.09	257.87	.477
2	NO2-N	2	NO2-N	6	15.00	15.00	10.32	10.32	1.000
2	NO2-N	3	NO3-N	6	15.00	1154.50	10.32	713.08	-0.905
2	NO2-N	4	P04	6	15.00	141.17	10.32	45.81	-0.975
2	NO2-N	5	OXYGEN	6	15.00	192.83	10.32	106.88	.862
2	NO2-N	6	S 0/00	6	15.00	2628.17	10.32	512.59	-0.709
2	NO2-N	7	TEMP	6	15.00	981.17	10.32	257.87	.864
3	NO3-N	3	NO3-N	6	1154.50	1154.50	713.08	713.08	1.000
3	NO3-N	4	P04	6	1154.50	141.17	713.08	45.81	.934
3	NO3-N	5	OXYGEN	6	1154.50	192.83	713.08	106.88	-0.939
3	NO3-N	6	S 0/00	6	1154.50	2628.17	713.08	512.59	.908
3	NO3-N	7	TEMP	6	1154.50	981.17	713.08	257.87	-0.864
4	P04	4	P04	6	141.17	141.17	45.81	45.81	1.000
4	P04	5	OXYGEN	6	141.17	192.83	45.81	106.88	-0.829
4	P04	6	S 0/00	6	141.17	2628.17	45.81	512.59	.707
4	P04	7	TEMP	6	141.17	981.17	45.81	257.87	-0.945
5	OXYGEN	5	OXYGEN	6	192.83	192.83	106.88	106.88	1.000
5	OXYGEN	6	S 0/00	6	192.83	2628.17	106.88	512.59	-0.932
5	OXYGEN	7	TEMP	6	192.83	981.17	106.88	257.87	.661
6	S 0/00	6	S 0/00	6	2628.17	2628.17	512.59	512.59	1.000
6	S 0/00	7	TEMP	6	2628.17	981.17	512.59	257.87	-0.610
7	TEMP	7	TEMP	6	981.17	981.17	257.87	257.87	1.000

VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	6	42.17	42.17	43.97	43.97	1.000
1	NH4-N	2	NO2-N	6	42.17	36.33	43.97	33.58	.544
1	NH4-N	3	NO3-N	6	42.17	849.33	43.97	229.77	.806
1	NH4-N	4	PO4	6	42.17	119.17	43.97	33.37	.951
1	NH4-N	5	OXYGEN	6	42.17	214.00	43.97	58.10	.958
1	NH4-N	6	S O/00	6	42.17	2779.83	43.97	555.23	-0.944
1	NH4-N	7	TEMP	6	42.17	726.00	43.97	405.79	-0.989
2	NO2-N	2	NO2-N	6	36.33	36.33	33.58	33.58	1.000
2	NO2-N	3	NO3-N	6	36.33	849.33	33.58	229.77	.598
2	NO2-N	4	PO4	6	36.33	119.17	33.58	33.37	.508
2	NO2-N	5	OXYGEN	6	36.33	214.00	33.58	58.10	.309
2	NO2-N	6	S O/00	6	36.33	2779.83	33.58	555.23	-0.582
2	NO2-N	7	TEMP	6	36.33	726.00	33.58	405.79	-0.459
3	NO3-N	3	NO3-N	6	849.33	849.33	229.77	229.77	1.000
3	NO3-N	4	PO4	6	849.33	119.17	229.77	33.37	.833
3	NO3-N	5	OXYGEN	6	849.33	214.00	229.77	58.10	.688
3	NO3-N	6	S O/00	6	849.33	2779.83	229.77	555.23	-0.955
3	NO3-N	7	TEMP	6	849.33	726.00	229.77	405.79	-0.837
4	PO4	4	PO4	6	119.17	119.17	33.37	33.37	1.000
4	PO4	5	OXYGEN	6	119.17	214.00	33.37	58.10	.871
4	PO4	6	S O/00	6	119.17	2779.83	33.37	555.23	-0.930
4	PO4	7	TEMP	6	119.17	726.00	33.37	405.79	-0.968
5	OXYGEN	5	OXYGEN	6	214.00	214.00	58.10	58.10	1.000
5	OXYGEN	6	S O/00	6	214.00	2779.83	58.10	555.23	-0.865
5	OXYGEN	7	TEMP	6	214.00	726.00	58.10	405.79	-0.958
6	S O/00	6	S O/00	6	2779.83	2779.83	555.23	555.23	1.000
6	S O/00	7	TEMP	6	2779.83	726.00	555.23	405.79	.957
7	TEMP	7	TEMP	6	726.00	726.00	405.79	405.79	1.000

VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	8	20.25	20.25	12.23	12.23	1.000
1	NH4-N	2	NO2-N	8	20.25	13.88	12.23	4.61	.492
1	NH4-N	3	NO3-N	8	20.25	1655.50	12.23	198.75	.810
1	NH4-N	4	P04	8	20.25	148.13	12.23	19.20	.903
1	NH4-N	5	OXYGEN	8	20.25	222.75	12.23	35.98	.918
1	NH4-N	6	S 0/00	8	20.25	3161.25	12.23	119.13	-0.893
1	NH4-N	7	TEMP	8	20.25	604.88	12.23	253.25	-0.965
2	NO2-N	2	NO2-N	8	13.88	13.88	4.61	4.61	1.000
2	NO2-N	3	NO3-N	8	13.88	1655.50	4.61	198.75	.467
2	NO2-N	4	P04	8	13.88	148.13	4.61	19.20	.199
2	NO2-N	5	OXYGEN	8	13.88	222.75	4.61	35.98	.419
2	NO2-N	6	S 0/00	8	13.88	3161.25	4.61	119.13	-0.430
2	NO2-N	7	TEMP	8	13.88	604.88	4.61	253.25	-0.385
3	NO3-N	3	NO3-N	8	1655.50	1655.50	198.75	198.75	1.000
3	NO3-N	4	P04	8	1655.50	148.13	198.75	19.20	.641
3	NO3-N	5	OXYGEN	8	1655.50	222.75	198.75	35.98	.944
3	NO3-N	6	S 0/00	8	1655.50	3161.25	198.75	119.13	-0.595
3	NO3-N	7	TEMP	8	1655.50	604.88	198.75	253.25	-0.908
4	P04	4	P04	8	148.13	148.13	19.20	19.20	1.000
4	P04	5	OXYGEN	8	148.13	222.75	19.20	35.98	.834
4	P04	6	S 0/00	8	148.13	3161.25	19.20	119.13	-0.768
4	P04	7	TEMP	8	148.13	604.88	19.20	253.25	-0.859
5	OXYGEN	5	OXYGEN	8	222.75	222.75	35.98	35.98	1.000
5	OXYGEN	6	S 0/00	8	222.75	3161.25	35.98	119.13	-0.755
5	OXYGEN	7	TEMP	8	222.75	604.88	35.98	253.25	-0.967
6	S 0/00	6	S 0/00	8	3161.25	3161.25	119.13	119.13	1.000
6	S 0/00	7	TEMP	8	3161.25	604.88	119.13	253.25	.836
7	TEMP	7	TEMP	8	604.88	604.88	253.25	253.25	1.000

VARIABLE X	VERSUS	VARIABLE Y	NUMBER	X MEAN	Y MEAN	STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES			X	Y	R	

1	NH4-N	1	NH4-N	6	54.50	54.50	66.26	66.26	1.000
1	NH4-N	2	NO2-N	6	54.50	17.50	66.26	8.53	-0.435
1	NH4-N	3	NO3-N	6	54.50	1343.83	66.26	582.44	-0.957
1	NH4-N	4	P04	6	54.50	150.33	66.26	50.41	-0.853
1	NH4-N	5	OXYGEN	6	54.50	214.50	66.26	98.48	.920
1	NH4-N	6	S 0/00	6	54.50	3136.50	66.26	219.09	-0.911
1	NH4-N	7	TEMP	6	54.50	582.50	66.26	287.93	-0.972
2	NO2-N	2	NO2-N	6	17.50	17.50	8.53	8.53	1.000
2	NO2-N	3	NO3-N	6	17.50	1343.83	8.53	582.44	.433
2	NO2-N	4	P04	6	17.50	150.33	8.53	50.41	.038
2	NO2-N	5	OXYGEN	6	17.50	214.50	8.53	98.48	-0.089
2	NO2-N	6	S 0/00	6	17.50	3136.50	8.53	219.09	.557
2	NO2-N	7	TEMP	6	17.50	582.50	8.53	287.93	.276
3	NO3-N	3	NO3-N	6	1343.83	1343.83	582.44	582.44	1.000
3	NO3-N	4	P04	6	1343.83	150.33	582.44	50.41	.883
3	NO3-N	5	OXYGEN	6	1343.83	214.50	582.44	98.48	-0.912
3	NO3-N	6	S 0/00	6	1343.83	3136.50	582.44	219.09	.784
3	NO3-N	7	TEMP	6	1343.83	582.50	582.44	287.93	.891
4	P04	4	P04	6	150.33	150.33	50.41	50.41	1.000
4	P04	5	OXYGEN	6	150.33	214.50	50.41	98.48	-0.978
4	P04	6	S 0/00	6	150.33	3136.50	50.41	219.09	.582
4	P04	7	TEMP	6	150.33	582.50	50.41	287.93	.836
5	OXYGEN	5	OXYGEN	6	214.50	214.50	98.48	98.48	1.000
5	OXYGEN	6	S 0/00	6	214.50	3136.50	98.48	219.09	-0.710
5	OXYGEN	7	TEMP	6	214.50	582.50	98.48	287.93	-0.929
6	S 0/00	6	S 0/00	6	3136.50	3136.50	219.09	219.09	1.000
6	S 0/00	7	TEMP	6	3136.50	582.50	219.09	287.93	.906
7	TEMP	7	TEMP	6	582.50	582.50	287.93	287.93	1.000

VARIABLE X		VERSUS	VARIABLE Y		NUMBER			STANDARD DEV.		PEARSON'S
NO.	NAME		NO.	NAME	OF CASES	X MEAN	Y MEAN	X	Y	R
1	NH4-N		1	NH4-N	8	30.75	30.75	45.55	45.55	1.000
1	NH4-N		2	NO2-N	8	30.75	16.63	45.55	5.37	-0.365
1	NH4-N		3	NO3-N	8	30.75	879.63	45.55	572.52	-0.513
1	NH4-N		4	P04	8	30.75	214.00	45.55	48.13	-0.442
1	NH4-N		5	OXYGEN	8	30.75	189.75	45.55	40.20	.577
1	NH4-N		6	S 0/00	8	30.75	2885.25	45.55	444.55	-0.580
1	NH4-N		7	TEMP	8	30.75	1068.75	45.55	430.40	.559
2	NO2-N		2	NO2-N	8	16.63	16.63	5.37	5.37	1.000
2	NO2-N		3	NO3-N	8	16.63	879.63	5.37	572.52	-0.134
2	NO2-N		4	P04	8	16.63	214.00	5.37	48.13	.190
2	NO2-N		5	OXYGEN	8	16.63	189.75	5.37	40.20	-0.020
2	NO2-N		6	S 0/00	8	16.63	2885.25	5.37	444.55	-0.010
2	NO2-N		7	TEMP	8	16.63	1068.75	5.37	430.40	.045
3	NO3-N		3	NO3-N	8	879.63	879.63	572.52	572.52	1.000
3	NO3-N		4	P04	8	879.63	214.00	572.52	48.13	.855
3	NO3-N		5	OXYGEN	8	879.63	189.75	572.52	40.20	-0.927
3	NO3-N		6	S 0/00	8	879.63	2885.25	572.52	444.55	.976
3	NO3-N		7	TEMP	8	879.63	1068.75	572.52	430.40	-0.986
4	P04		4	P04	8	214.00	214.00	48.13	48.13	1.000
4	P04		5	OXYGEN	8	214.00	189.75	48.13	40.20	-0.804
4	P04		6	S 0/00	8	214.00	2885.25	48.13	444.55	.840
4	P04		7	TEMP	8	214.00	1068.75	48.13	430.40	-0.850
5	OXYGEN		5	OXYGEN	8	189.75	189.75	40.20	40.20	1.000
5	OXYGEN		6	S 0/00	8	189.75	2885.25	40.20	444.55	-0.895
5	OXYGEN		7	TEMP	8	189.75	1068.75	40.20	430.40	.901
6	S 0/00		6	S 0/00	8	2885.25	2885.25	444.55	444.55	1.000
6	S 0/00		7	TEMP	8	2885.25	1068.75	444.55	430.40	-0.999
7	TEMP		7	TEMP	8	1068.75	1068.75	430.40	430.40	1.000

VARIABLE X		VERSUS	VARIABLE Y		NUMBER	X MEAN	Y MEAN	STANDARD DEV.		PEARSON'S
NO.	NAME		NO.	NAME	OF CASES			X	Y	R
1	NH4-N		1	NH4-N	7	41.86	41.86	27.82	27.82	1.000
1	NH4-N		2	NO2-N	7	41.86	13.29	27.82	10.31	.896
1	NH4-N		3	NO3-N	7	41.86	3223.29	27.82	876.88	.792
1	NH4-N		4	P04	7	41.86	161.43	27.82	38.50	-0.436
1	NH4-N		5	OXYGEN	7	41.86	210.29	27.82	97.33	.813
1	NH4-N		6	S 0/00	7	41.86	3068.57	27.82	323.64	-0.887
1	NH4-N		7	TEMP	7	41.86	535.00	27.82	196.07	-0.673
2	NO2-N		2	NO2-N	7	13.29	13.29	10.31	10.31	1.000
2	NO2-N		3	NO3-N	7	13.29	3223.29	10.31	876.88	.622
2	NO2-N		4	P04	7	13.29	161.43	10.31	38.50	-0.684
2	NO2-N		5	OXYGEN	7	13.29	210.29	10.31	97.33	.896
2	NO2-N		6	S 0/00	7	13.29	3068.57	10.31	323.64	-0.955
2	NO2-N		7	TEMP	7	13.29	535.00	10.31	196.07	-0.765
3	NO3-N		3	NO3-N	7	3223.29	3223.29	876.88	876.88	1.000
3	NO3-N		4	P04	7	3223.29	161.43	876.88	38.50	.126
3	NO3-N		5	OXYGEN	7	3223.29	210.29	876.88	97.33	.321
3	NO3-N		6	S 0/00	7	3223.29	3068.57	876.88	323.64	-0.497
3	NO3-N		7	TEMP	7	3223.29	535.00	876.88	196.07	-0.112
4	P04		4	P04	7	161.43	161.43	38.50	38.50	1.000
4	P04		5	OXYGEN	7	161.43	210.29	38.50	97.33	-0.873
4	P04		6	S 0/00	7	161.43	3068.57	38.50	323.64	.785
4	P04		7	TEMP	7	161.43	535.00	38.50	196.07	.870
5	OXYGEN		5	OXYGEN	7	210.29	210.29	97.33	97.33	1.000
5	OXYGEN		6	S 0/00	7	210.29	3068.57	97.33	323.64	-0.968
5	OXYGEN		7	TEMP	7	210.29	535.00	97.33	196.07	-0.924
6	S 0/00		6	S 0/00	7	3068.57	3068.57	323.64	323.64	1.000
6	S 0/00		7	TEMP	7	3068.57	535.00	323.64	196.07	.864
7	TEMP		7	TEMP	7	535.00	535.00	196.07	196.07	1.000

VARIABLE X		VERSUS	VARIABLE Y		NUMBER	X MEAN	Y MEAN	STANDARD DEV.		PEARSON'S
NO.	NAME		NO.	NAME	OF CASES			X	Y	R
1	NH4-N		1	NH4-N	6	123.67	123.67	22.83	22.83	1.000
1	NH4-N		2	NO2-N	6	123.67	10.50	22.83	12.14	.915
1	NH4-N		3	NO3-N	6	123.67	2837.50	22.83	339.61	-0.523
1	NH4-N		4	P04	6	123.67	176.83	22.83	69.82	-0.013
1	NH4-N		5	OXYGEN	6	123.67	198.17	22.83	99.84	.323
1	NH4-N		6	S 0/00	6	123.67	3106.83	22.83	286.01	-0.705
1	NH4-N		7	TEMP	6	123.67	597.83	22.83	105.18	.525
2	NO2-N		2	NO2-N	6	10.50	10.50	12.14	12.14	1.000
2	NO2-N		3	NO3-N	6	10.50	2837.50	12.14	339.61	-0.793
2	NO2-N		4	P04	6	10.50	176.83	12.14	69.82	-0.377
2	NO2-N		5	OXYGEN	6	10.50	198.17	12.14	99.84	.658
2	NO2-N		6	S 0/00	6	10.50	3106.83	12.14	286.01	-0.908
2	NO2-N		7	TEMP	6	10.50	597.83	12.14	105.18	.220
3	NO3-N		3	NO3-N	6	2837.50	2837.50	339.61	339.61	1.000
3	NO3-N		4	P04	6	2837.50	176.83	339.61	69.82	.822
3	NO3-N		5	OXYGEN	6	2837.50	198.17	339.61	99.84	-0.934
3	NO3-N		6	S 0/00	6	2837.50	3106.83	339.61	286.01	.916
3	NO3-N		7	TEMP	6	2837.50	597.83	339.61	105.18	.354
4	P04		4	P04	6	176.83	176.83	69.82	69.82	1.000
4	P04		5	OXYGEN	6	176.83	198.17	69.82	99.84	-0.938
4	P04		6	S 0/00	6	176.83	3106.83	69.82	286.01	.707
4	P04		7	TEMP	6	176.83	597.83	69.82	105.18	.811
5	OXYGEN		5	OXYGEN	6	198.17	198.17	99.84	99.84	1.000
5	OXYGEN		6	S 0/00	6	198.17	3106.83	99.84	286.01	-0.892
5	OXYGEN		7	TEMP	6	198.17	597.83	99.84	105.18	-0.566
6	S 0/00		6	S 0/00	6	3106.83	3106.83	286.01	286.01	1.000
6	S 0/00		7	TEMP	6	3106.83	597.83	286.01	105.18	.198
7	TEMP		7	TEMP	6	597.83	597.83	105.18	105.18	1.000

VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	9	26.11	26.11	21.12	21.12	1.000
1	NH4-N	2	NO2-N	9	26.11	21.11	21.12	12.91	.336
1	NH4-N	3	NO3-N	9	26.11	1379.89	21.12	1249.01	-0.688
1	NH4-N	4	PO4	9	26.11	113.89	21.12	84.08	-0.437
1	NH4-N	5	OXYGEN	9	26.11	240.67	21.12	129.25	.650
1	NH4-N	6	S O/00	9	26.11	2698.44	21.12	536.26	-0.854
1	NH4-N	7	TEMP	9	26.11	767.22	21.12	313.07	.888
2	NO2-N	2	NO2-N	9	21.11	21.11	12.91	12.91	1.000
2	NO2-N	3	NO3-N	9	21.11	1379.89	12.91	1249.01	-0.616
2	NO2-N	4	PO4	9	21.11	113.89	12.91	84.08	.094
2	NO2-N	5	OXYGEN	9	21.11	240.67	12.91	129.25	.816
2	NO2-N	6	S O/00	9	21.11	2698.44	12.91	536.26	-0.402
2	NO2-N	7	TEMP	9	21.11	767.22	12.91	313.07	.311
3	NO3-N	3	NO3-N	9	1379.89	1379.89	1249.01	1249.01	1.000
3	NO3-N	4	PO4	9	1379.89	113.89	1249.01	84.08	.587
3	NO3-N	5	OXYGEN	9	1379.89	240.67	1249.01	129.25	-0.779
3	NO3-N	6	S O/00	9	1379.89	2698.44	1249.01	536.26	.894
3	NO3-N	7	TEMP	9	1379.89	767.22	1249.01	313.07	-0.628
4	PO4	4	PO4	9	113.89	113.89	84.08	84.08	1.000
4	PO4	5	OXYGEN	9	113.89	240.67	84.08	129.25	-0.354
4	PO4	6	S O/00	9	113.89	2698.44	84.08	536.26	.627
4	PO4	7	TEMP	9	113.89	767.22	84.08	313.07	-0.195
5	OXYGEN	5	OXYGEN	9	240.67	240.67	129.25	129.25	1.000
5	OXYGEN	6	S O/00	9	240.67	2698.44	129.25	536.26	-0.719
5	OXYGEN	7	TEMP	9	240.67	767.22	129.25	313.07	.515
6	S O/00	6	S O/00	9	2698.44	2698.44	536.26	536.26	1.000
6	S O/00	7	TEMP	9	2698.44	767.22	536.26	313.07	-0.836
7	TEMP	7	TEMP	9	767.22	767.22	313.07	313.07	1.000

VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	7	21.57	21.57	5.88	5.88	1.000
1	NH4-N	2	NO2-N	7	21.57	7.14	5.88	6.89	.935
1	NH4-N	3	NO3-N	7	21.57	1466.71	5.88	1239.31	-0.486
1	NH4-N	4	PO4	7	21.57	183.14	5.88	80.08	-0.508
1	NH4-N	5	OXYGEN	7	21.57	140.86	5.88	77.94	.584
1	NH4-N	6	S O/00	7	21.57	2741.86	5.88	589.98	-0.550
1	NH4-N	7	TEMP	7	21.57	1010.71	5.88	439.72	.528
2	NO2-N	2	NO2-N	7	7.14	7.14	6.89	6.89	1.000
2	NO2-N	3	NO3-N	7	7.14	1466.71	6.89	1239.31	-0.700
2	NO2-N	4	PO4	7	7.14	183.14	6.89	80.08	-0.654
2	NO2-N	5	OXYGEN	7	7.14	140.86	6.89	77.94	.772
2	NO2-N	6	S O/00	7	7.14	2741.86	6.89	589.98	-0.791
2	NO2-N	7	TEMP	7	7.14	1010.71	6.89	439.72	.760
3	NO3-N	3	NO3-N	7	1466.71	1466.71	1239.31	1239.31	1.000
3	NO3-N	4	PO4	7	1466.71	183.14	1239.31	80.08	.837
3	NO3-N	5	OXYGEN	7	1466.71	140.86	1239.31	77.94	-0.735
3	NO3-N	6	S O/00	7	1466.71	2741.86	1239.31	589.98	.917
3	NO3-N	7	TEMP	7	1466.71	1010.71	1239.31	439.72	-0.941
4	PO4	4	PO4	7	183.14	183.14	80.08	80.08	1.000
4	PO4	5	OXYGEN	7	183.14	140.86	80.08	77.94	-0.834
4	PO4	6	S O/00	7	183.14	2741.86	80.08	589.98	.871
4	PO4	7	TEMP	7	183.14	1010.71	80.08	439.72	-0.907
5	OXYGEN	5	OXYGEN	7	140.86	140.86	77.94	77.94	1.000
5	OXYGEN	6	S O/00	7	140.86	2741.86	77.94	589.98	-0.926
5	OXYGEN	7	TEMP	7	140.86	1010.71	77.94	439.72	.913
6	S O/00	6	S O/00	7	2741.86	2741.86	589.98	589.98	1.000
6	S O/00	7	TEMP	7	2741.86	1010.71	589.98	439.72	-0.993
7	TEMP	7	TEMP	7	1010.71	1010.71	439.72	439.72	1.000

VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	8	17.38	17.38	6.19	6.19	1.000
1	NH4-N	2	NO2-N	8	17.38	14.00	6.19	15.89	.879
1	NH4-N	3	NO3-N	8	17.38	1887.13	6.19	1111.77	-0.664
1	NH4-N	4	PO4	8	17.38	155.25	6.19	53.22	-0.220
1	NH4-N	5	OXYGEN	8	17.38	171.25	6.19	115.66	.873
1	NH4-N	6	S O/00	8	17.38	2662.00	6.19	578.46	-0.759
1	NH4-N	7	TEMP	8	17.38	936.63	6.19	254.63	.248
2	NO2-N	2	NO2-N	8	14.00	14.00	15.89	15.89	1.000
2	NO2-N	3	NO3-N	8	14.00	1887.13	15.89	1111.77	-0.759
2	NO2-N	4	PO4	8	14.00	155.25	15.89	53.22	-0.217
2	NO2-N	5	OXYGEN	8	14.00	171.25	15.89	115.66	.957
2	NO2-N	6	S O/00	8	14.00	2662.00	15.89	578.46	-0.898
2	NO2-N	7	TEMP	8	14.00	936.63	15.89	254.63	.338
3	NO3-N	3	NO3-N	8	1887.13	1887.13	1111.77	1111.77	1.000
3	NO3-N	4	PO4	8	1887.13	155.25	1111.77	53.22	.643
3	NO3-N	5	OXYGEN	8	1887.13	171.25	1111.77	115.66	-0.875
3	NO3-N	6	S O/00	8	1887.13	2662.00	1111.77	578.46	.931
3	NO3-N	7	TEMP	8	1887.13	936.63	1111.77	254.63	-0.771
4	PO4	4	PO4	8	155.25	155.25	53.22	53.22	1.000
4	PO4	5	OXYGEN	8	155.25	171.25	53.22	115.66	-0.453
4	PO4	6	S O/00	8	155.25	2662.00	53.22	578.46	.538
4	PO4	7	TEMP	8	155.25	936.63	53.22	254.63	-0.919
5	OXYGEN	5	OXYGEN	8	171.25	171.25	115.66	115.66	1.000
5	OXYGEN	6	S O/00	8	171.25	2662.00	115.66	578.46	-0.936
5	OXYGEN	7	TEMP	8	171.25	936.63	115.66	254.63	.517
6	S O/00	6	S O/00	8	2662.00	2662.00	578.46	578.46	1.000
6	S O/00	7	TEMP	8	2662.00	936.63	578.46	254.63	-0.700
7	TEMP	7	TEMP	8	936.63	936.63	254.63	254.63	1.000

VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	7	31.86	31.86	48.17	48.17	1.000
1	NH4-N	2	NO2-N	7	31.86	24.14	48.17	31.00	.957
1	NH4-N	3	NO3-N	7	31.86	1012.57	48.17	186.72	.625
1	NH4-N	4	P04	7	31.86	151.14	48.17	35.01	.241
1	NH4-N	5	OXYGEN	7	31.86	141.86	48.17	79.11	.819
1	NH4-N	6	S 0/00	7	31.86	2932.43	48.17	458.77	-0.945
1	NH4-N	7	TEMP	7	31.86	727.86	48.17	334.38	-0.899
2	NO2-N	2	NO2-N	7	24.14	24.14	31.00	31.00	1.000
2	NO2-N	3	NO3-N	7	24.14	1012.57	31.00	186.72	.650
2	NO2-N	4	P04	7	24.14	151.14	31.00	35.01	.324
2	NO2-N	5	OXYGEN	7	24.14	141.86	31.00	79.11	.706
2	NO2-N	6	S 0/00	7	24.14	2932.43	31.00	458.77	-0.863
2	NO2-N	7	TEMP	7	24.14	727.86	31.00	334.38	-0.919
3	NO3-N	3	NO3-N	7	1012.57	1012.57	186.72	186.72	1.000
3	NO3-N	4	P04	7	1012.57	151.14	186.72	35.01	-0.186
3	NO3-N	5	OXYGEN	7	1012.57	141.86	186.72	79.11	.661
3	NO3-N	6	S 0/00	7	1012.57	2932.43	186.72	458.77	-0.748
3	NO3-N	7	TEMP	7	1012.57	727.86	186.72	334.38	-0.390
4	P04	4	P04	7	151.14	151.14	35.01	35.01	1.000
4	P04	5	OXYGEN	7	151.14	141.86	35.01	79.11	-0.345
4	P04	6	S 0/00	7	151.14	2932.43	35.01	458.77	-0.032
4	P04	7	TEMP	7	151.14	727.86	35.01	334.38	-0.624
5	OXYGEN	5	OXYGEN	7	141.86	141.86	79.11	79.11	1.000
5	OXYGEN	6	S 0/00	7	141.86	2932.43	79.11	458.77	-0.882
5	OXYGEN	7	TEMP	7	141.86	727.86	79.11	334.38	-0.493
6	S 0/00	6	S 0/00	7	2932.43	2932.43	458.77	458.77	1.000
6	S 0/00	7	TEMP	7	2932.43	727.86	458.77	334.38	.744
7	TEMP	7	TEMP	7	727.86	727.86	334.38	334.38	1.000

VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	5	43.00	43.00	30.91	30.91	1.000
1	NH4-N	2	NO2-N	5	43.00	19.00	30.91	9.87	.921
1	NH4-N	3	NO3-N	5	43.00	2618.20	30.91	310.79	.947
1	NH4-N	4	PO4	5	43.00	215.20	30.91	57.03	.436
1	NH4-N	5	OXYGEN	5	43.00	226.60	30.91	58.54	.809
1	NH4-N	6	S 0/00	5	43.00	3044.00	30.91	99.14	-0.825
1	NH4-N	7	TEMP	5	43.00	411.80	30.91	336.95	-0.830
2	NO2-N	2	NO2-N	5	19.00	19.00	9.87	9.87	1.000
2	NO2-N	3	NO3-N	5	19.00	2618.20	9.87	310.79	.893
2	NO2-N	4	PO4	5	19.00	215.20	9.87	57.03	.528
2	NO2-N	5	OXYGEN	5	19.00	226.60	9.87	58.54	.917
2	NO2-N	6	S 0/00	5	19.00	3044.00	9.87	99.14	-0.922
2	NO2-N	7	TEMP	5	19.00	411.80	9.87	336.95	-0.900
3	NO3-N	3	NO3-N	5	2618.20	2618.20	310.79	310.79	1.000
3	NO3-N	4	PO4	5	2618.20	215.20	310.79	57.03	.197
3	NO3-N	5	OXYGEN	5	2618.20	226.60	310.79	58.54	.825
3	NO3-N	6	S 0/00	5	2618.20	3044.00	310.79	99.14	-0.814
3	NO3-N	7	TEMP	5	2618.20	411.80	310.79	336.95	-0.817
4	PO4	4	PO4	5	215.20	215.20	57.03	57.03	1.000
4	PO4	5	OXYGEN	5	215.20	226.60	57.03	58.54	.565
4	PO4	6	S 0/00	5	215.20	3044.00	57.03	99.14	-0.623
4	PO4	7	TEMP	5	215.20	411.80	57.03	336.95	-0.622
5	OXYGEN	5	OXYGEN	5	226.60	226.60	58.54	58.54	1.000
5	OXYGEN	6	S 0/00	5	226.60	3044.00	58.54	99.14	-0.997
5	OXYGEN	7	TEMP	5	226.60	411.80	58.54	336.95	-0.991
6	S 0/00	6	S 0/00	5	3044.00	3044.00	99.14	99.14	1.000
6	S 0/00	7	TEMP	5	3044.00	411.80	99.14	336.95	.996
7	TEMP	7	TEMP	5	411.80	411.80	336.95	336.95	1.000

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VARIABLE X      VERSUS  VARIABLE Y      NUMBER      X MEAN  Y MEAN  STANDARD DEV.  PEARSON'S
NO.  NAME      NO.  NAME      OF CASES
*****
1  NH4-N      1  NH4-N      7      56.14  56.14  43.21  43.21  1.000
1  NH4-N      2  NO2-N      7      56.14  20.14  43.21  8.09   .890
1  NH4-N      3  NO3-N      7      56.14  1815.57 43.21  462.06 .087
1  NH4-N      4  PO4       7      56.14  198.00  43.21  34.83  .496
1  NH4-N      5  OXYGEN    7      56.14  240.00  43.21  87.70  .837
1  NH4-N      6  S O/00   7      56.14  3133.57 43.21  134.98 -0.923
1  NH4-N      7  TEMP      7      56.14  426.57  43.21  292.80 -0.885

2  NO2-N      2  NO2-N      7      20.14  20.14  8.09  8.09  1.000
2  NO2-N      3  NO3-N      7      20.14  1815.57 8.09  462.06 .230
2  NO2-N      4  PO4       7      20.14  198.00  8.09  34.83  .509
2  NO2-N      5  OXYGEN    7      20.14  240.00  8.09  87.70  .718
2  NO2-N      6  S O/00   7      20.14  3133.57 8.09  134.98 -0.862
2  NO2-N      7  TEMP      7      20.14  426.57  8.09  292.80 -0.832

3  NO3-N      3  NO3-N      7      1815.57 1815.57 462.06 462.06 1.000
3  NO3-N      4  PO4       7      1815.57 198.00  462.06 34.83  .881
3  NO3-N      5  OXYGEN    7      1815.57 240.00  462.06 87.70  -0.320
3  NO3-N      6  S O/00   7      1815.57 3133.57 462.06 134.98 -0.445
3  NO3-N      7  TEMP      7      1815.57 426.57  462.06 292.80 -0.238

4  PO4       4  PO4       7      198.00  198.00  34.83  34.83  1.000
4  PO4       5  OXYGEN    7      198.00  240.00  34.83  87.70  .017
4  PO4       6  S O/00   7      198.00  3133.57 34.83  134.98 -0.756
4  PO4       7  TEMP      7      198.00  426.57  34.83  292.80 -0.507

5  OXYGEN    5  OXYGEN    7      240.00  240.00  87.70  87.70  1.000
5  OXYGEN    6  S O/00   7      240.00  3133.57 87.70  134.98 -0.666
5  OXYGEN    7  TEMP      7      240.00  426.57  87.70  292.80 -0.839

6  S O/00   6  S O/00   7      3133.57 3133.57 134.98 134.98 1.000
6  S O/00   7  TEMP      7      3133.57 426.57  134.98 292.80 .921

7  TEMP      7  TEMP      7      426.57  426.57  292.80 292.80 1.000

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VARIABLE X      VERSUS  VARIABLE Y      NUMBER      X MEAN  Y MEAN      STANDARD DEV.  PEARSON'S
NO.  NAME      NO.  NAME      OF CASES      X      Y      X      Y      R
*****
1  NH4-N      1  NH4-N      8      21.75  21.75      15.53  15.53      1.000
1  NH4-N      2  NO2-N      8      21.75  14.50      15.53   3.63      .180
1  NH4-N      3  NO3-N      8      21.75 1181.00      15.53 699.61     -0.854
1  NH4-N      4  P04       8      21.75  291.50      15.53 106.50     -0.408
1  NH4-N      5  OXYGEN    8      21.75  133.00      15.53  59.53      .817
1  NH4-N      6  S 0/00   8      21.75 3047.50      15.53 373.15     -0.950
1  NH4-N      7  TEMP      8      21.75  935.75      15.53 420.66      .938

2  NO2-N      2  NO2-N      8      14.50  14.50       3.63   3.63      1.000
2  NO2-N      3  NO3-N      8      14.50 1181.00       3.63 699.61     -0.199
2  NO2-N      4  P04       8      14.50  291.50       3.63 106.50     -0.422
2  NO2-N      5  OXYGEN    8      14.50  133.00       3.63  59.53      .326
2  NO2-N      6  S 0/00   8      14.50 3047.50       3.63 373.15     -0.123
2  NO2-N      7  TEMP      8      14.50  935.75       3.63 420.66      .128

3  NO3-N      3  NO3-N      8      1181.00 1181.00      699.61 699.61      1.000
3  NO3-N      4  P04       8      1181.00  291.50      699.61 106.50      .594
3  NO3-N      5  OXYGEN    8      1181.00  133.00      699.61  59.53     -0.740
3  NO3-N      6  S 0/00   8      1181.00 3047.50      699.61 373.15      .860
3  NO3-N      7  TEMP      8      1181.00  935.75      699.61 420.66     -0.959

4  P04       4  P04       8      291.50  291.50      106.50 106.50      1.000
4  P04       5  OXYGEN    8      291.50  133.00      106.50  59.53     -0.766
4  P04       6  S 0/00   8      291.50 3047.50      106.50 373.15      .596
4  P04       7  TEMP      8      291.50  935.75      106.50 420.66     -0.602

5  OXYGEN    5  OXYGEN    8      133.00  133.00       59.53  59.53      1.000
5  OXYGEN    6  S 0/00   8      133.00 3047.50       59.53 373.15     -0.920
5  OXYGEN    7  TEMP      8      133.00  935.75       59.53 420.66      .854

6  S 0/00   6  S 0/00   8      3047.50 3047.50      373.15 373.15      1.000
6  S 0/00   7  TEMP      8      3047.50  935.75      373.15 420.66     -0.968

7  TEMP      7  TEMP      8      935.75  935.75      420.66 420.66      1.000

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VARIABLE X      VERSUS  VARIABLE Y      NUMBER      X MEAN      Y MEAN      STANDARD DEV.      PEARSON*
NO.  NAME      NO.  NAME      OF CASES      OF CASES      OF CASES      X              Y              R
*****
1  NH4-N      1  NH4-N      6      49.17      49.17      45.49      45.49      1.000
1  NH4-N      2  NO2-N      6      49.17      20.00      45.49      21.19      .918
1  NH4-N      3  NO3-N      6      49.17      3491.00     45.49      1389.58     .800
1  NH4-N      4  P04       6      49.17      174.00      45.49      55.08      -0.383
1  NH4-N      5  OXYGEN    6      49.17      202.17      45.49      121.52     .832
1  NH4-N      6  S 0/00   6      49.17      2992.83     45.49      399.53     -0.936
1  NH4-N      7  TEMP      6      49.17      471.83      45.49      198.72     -0.723

2  NO2-N      2  NO2-N      6      20.00      20.00      21.19      21.19      1.000
2  NO2-N      3  NO3-N      6      20.00      3491.00     21.19      1389.58     .894
2  NO2-N      4  P04       6      20.00      174.00      21.19      55.08      -0.222
2  NO2-N      5  OXYGEN    6      20.00      202.17      21.19      121.52     .694
2  NO2-N      6  S 0/00   6      20.00      2992.83     21.19      399.53     -0.915
2  NO2-N      7  TEMP      6      20.00      471.83      21.19      198.72     -0.544

3  NO3-N      3  NO3-N      6      3491.00     3491.00     1389.58     1389.58     1.000
3  NO3-N      4  P04       6      3491.00     174.00      1389.58     55.08      .203
3  NO3-N      5  OXYGEN    6      3491.00     202.17      1389.58     121.52     .362
3  NO3-N      6  S 0/00   6      3491.00     2992.83     1389.58     399.53     -0.661
3  NO3-N      7  TEMP      6      3491.00     471.83      1389.58     198.72     -0.207

4  P04       4  P04       6      174.00      174.00      55.08      55.08      1.000
4  P04       5  OXYGEN    6      174.00      202.17      55.08      121.52     -0.809
4  P04       6  S 0/00   6      174.00      2992.83     55.08      399.53     .588
4  P04       7  TEMP      6      174.00      471.83      55.08      198.72     .809

5  OXYGEN    5  OXYGEN    6      202.17      202.17      121.52      121.52     1.000
5  OXYGEN    6  S 0/00   6      202.17      2992.83     121.52      399.53     -0.920
5  OXYGEN    7  TEMP      6      202.17      471.83      121.52      198.72     -0.965

6  S 0/00    6  S 0/00   6      2992.83     2992.83     399.53      399.53     1.000
6  S 0/00    7  TEMP      6      2992.83     471.83      399.53      198.72     .811

7  TEMP      7  TEMP      6      471.83      471.83      198.72      198.72     1.000

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VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1 NH4-N		1 NH4-N	8	118.13	118.13	51.62	51.62	1.000	
1 NH4-N		2 NO2-N	8	118.13	19.63	51.62	19.00	.833	
1 NH4-N		3 NO3-N	8	118.13	3104.13	51.62	458.57	.537	
1 NH4-N		4 PO4	8	118.13	198.75	51.62	74.31	-0.368	
1 NH4-N		5 OXYGEN	8	118.13	182.00	51.62	104.85	.752	
1 NH4-N		6 S O/00	8	118.13	3003.75	51.62	475.28	-0.908	
1 NH4-N		7 TEMP	8	118.13	554.50	51.62	137.34	.241	
2 NO2-N		2 NO2-N	8	19.63	19.63	19.00	19.00	1.000	
2 NO2-N		3 NO3-N	8	19.63	3104.13	19.00	458.57	.510	
2 NO2-N		4 PO4	8	19.63	198.75	19.00	74.31	-0.384	
2 NO2-N		5 OXYGEN	8	19.63	182.00	19.00	104.85	.761	
2 NO2-N		6 S O/00	8	19.63	3003.75	19.00	475.28	-0.984	
2 NO2-N		7 TEMP	8	19.63	554.50	19.00	137.34	.125	
3 NO3-N		3 NO3-N	8	3104.13	3104.13	458.57	458.57	1.000	
3 NO3-N		4 PO4	8	3104.13	198.75	458.57	74.31	.457	
3 NO3-N		5 OXYGEN	8	3104.13	182.00	458.57	104.85	-0.021	
3 NO3-N		6 S O/00	8	3104.13	3003.75	458.57	475.28	-0.576	
3 NO3-N		7 TEMP	8	3104.13	554.50	458.57	137.34	.899	
4 PO4		4 PO4	8	198.75	198.75	74.31	74.31	1.000	
4 PO4		5 OXYGEN	8	198.75	182.00	74.31	104.85	-0.865	
4 PO4		6 S O/00	8	198.75	3003.75	74.31	475.28	.372	
4 PO4		7 TEMP	8	198.75	554.50	74.31	137.34	.755	
5 OXYGEN		5 OXYGEN	8	182.00	182.00	104.85	104.85	1.000	
5 OXYGEN		6 S O/00	8	182.00	3003.75	104.85	475.28	-0.772	
5 OXYGEN		7 TEMP	8	182.00	554.50	104.85	137.34	-0.410	
6 S O/00		6 S O/00	8	3003.75	3003.75	475.28	475.28	1.000	
6 S O/00		7 TEMP	8	3003.75	554.50	475.28	137.34	-0.198	
7 TEMP		7 TEMP	8	554.50	554.50	137.34	137.34	1.000	

VARIABLE X		VERSUS	VARIABLE Y		NUMBER	X MEAN	Y MEAN	STANDARD DEV.		PEARSON'S
NO.	NAME		NO.	NAME	OF CASES			X	Y	R
1	NH4-N		1	NH4-N	7	28.29	28.29	35.64	35.64	1.000
1	NH4-N		2	NO2-N	7	28.29	36.71	35.64	23.04	.564
1	NH4-N		3	NO3-N	7	28.29	1748.86	35.64	1341.14	-0.675
1	NH4-N		4	P04	7	28.29	207.29	35.64	102.57	-0.479
1	NH4-N		5	OXYGEN	7	28.29	218.86	35.64	183.52	.808
1	NH4-N		6	S O/00	7	28.29	2839.57	35.64	558.41	-0.869
1	NH4-N		7	TEMP	7	28.29	677.43	35.64	230.60	.802
2	NO2-N		2	NO2-N	7	36.71	36.71	23.04	23.04	1.000
2	NO2-N		3	NO3-N	7	36.71	1748.86	23.04	1341.14	-0.431
2	NO2-N		4	P04	7	36.71	207.29	23.04	102.57	-0.003
2	NO2-N		5	OXYGEN	7	36.71	218.86	23.04	183.52	.321
2	NO2-N		6	S O/00	7	36.71	2839.57	23.04	558.41	-0.448
2	NO2-N		7	TEMP	7	36.71	677.43	23.04	230.60	.567
3	NO3-N		3	NO3-N	7	1748.86	1748.86	1341.14	1341.14	1.000
3	NO3-N		4	P04	7	1748.86	207.29	1341.14	102.57	.814
3	NO3-N		5	OXYGEN	7	1748.86	218.86	1341.14	183.52	-0.877
3	NO3-N		6	S O/00	7	1748.86	2839.57	1341.14	558.41	.914
3	NO3-N		7	TEMP	7	1748.86	677.43	1341.14	230.60	-0.559
4	P04		4	P04	7	207.29	207.29	102.57	102.57	1.000
4	P04		5	OXYGEN	7	207.29	218.86	102.57	183.52	-0.801
4	P04		6	S O/00	7	207.29	2839.57	102.57	558.41	.748
4	P04		7	TEMP	7	207.29	677.43	102.57	230.60	-0.164
5	OXYGEN		5	OXYGEN	7	218.86	218.86	183.52	183.52	1.000
5	OXYGEN		6	S O/00	7	218.86	2839.57	183.52	558.41	-0.981
5	OXYGEN		7	TEMP	7	218.86	677.43	183.52	230.60	.710
6	S O/00		6	S O/00	7	2839.57	2839.57	558.41	558.41	1.000
6	S O/00		7	TEMP	7	2839.57	677.43	558.41	230.60	-0.765
7	TEMP		7	TEMP	7	677.43	677.43	230.60	230.60	1.000

VARIABLE X	VERSUS	VARIABLE Y	NUMBER		STANDARD DEV.		PEARSON'S		
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	3	43.00	43.00	23.64	23.64	1.000
1	NH4-N	2	NO2-N	3	43.00	8.00	23.64	5.29	.999
1	NH4-N	3	NO3-N	3	43.00	2000.00	23.64	650.58	-0.998
1	NH4-N	4	P04	3	43.00	38.67	23.64	13.58	-0.983
1	NH4-N	5	OXYGEN	3	43.00	90.00	23.64	67.51	.931
1	NH4-N	6	S 0/00	3	43.00	2935.33	23.64	244.10	-0.978
1	NH4-N	7	TEMP	3	43.00	599.00	23.64	49.51	-0.911
2	NO2-N	2	NO2-N	3	8.00	8.00	5.29	5.29	1.000
2	NO2-N	3	NO3-N	3	8.00	2000.00	5.29	650.58	-1.000
2	NO2-N	4	P04	3	8.00	38.67	5.29	13.58	-0.974
2	NO2-N	5	OXYGEN	3	8.00	90.00	5.29	67.51	.915
2	NO2-N	6	S 0/00	3	8.00	2935.33	5.29	244.10	-0.969
2	NO2-N	7	TEMP	3	8.00	599.00	5.29	49.51	-0.893
3	NO3-N	3	NO3-N	3	2000.00	2000.00	650.58	650.58	1.000
3	NO3-N	4	P04	3	2000.00	38.67	650.58	13.58	.970
3	NO3-N	5	OXYGEN	3	2000.00	90.00	650.58	67.51	-0.908
3	NO3-N	6	S 0/00	3	2000.00	2935.33	650.58	244.10	.964
3	NO3-N	7	TEMP	3	2000.00	599.00	650.58	49.51	.885
4	P04	4	P04	3	38.67	38.67	13.58	13.58	1.000
4	P04	5	OXYGEN	3	38.67	90.00	13.58	67.51	-0.983
4	P04	6	S 0/00	3	38.67	2935.33	13.58	244.10	1.000
4	P04	7	TEMP	3	38.67	599.00	13.58	49.51	.971
5	OXYGEN	5	OXYGEN	3	90.00	90.00	67.51	67.51	1.000
5	OXYGEN	6	S 0/00	3	90.00	2935.33	67.51	244.10	-0.987
5	OXYGEN	7	TEMP	3	90.00	599.00	67.51	49.51	-0.999
6	S 0/00	6	S 0/00	3	2935.33	2935.33	244.10	244.10	1.000
6	S 0/00	7	TEMP	3	2935.33	599.00	244.10	49.51	.977
7	TEMP	7	TEMP	3	599.00	599.00	49.51	49.51	1.000

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VARIABLE X      VERSUS  VARIABLE Y      NUMBER      STANDARD DEV.  PEARSON'S
NO.  NAME      NO.  NAME      OF CASES      X MEAN  Y MEAN      X      Y      R
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1  NH4-N      1  NH4-N      7      30.00  30.00      4.28  4.28      1.000
1  NH4-N      2  NO2-N      7      30.00  11.86      4.28  6.94      -0.090
1  NH4-N      3  NO3-N      7      30.00  1927.57    4.28  1347.22    -0.278
1  NH4-N      4  P04       7      30.00  195.00     4.28  78.22     -0.748
1  NH4-N      5  OXYGEN    7      30.00  126.43    4.28  82.33     .524
1  NH4-N      6  S 0/00   7      30.00  2654.29   4.28  576.28    -0.507
1  NH4-N      7  TEMP     7      30.00  991.29    4.28  436.50    .410

2  NO2-N      2  NO2-N      7      11.86  11.86      6.94  6.94      1.000
2  NO2-N      3  NO3-N      7      11.86  1927.57    6.94  1347.22    -0.337
2  NO2-N      4  P04       7      11.86  195.00     6.94  78.22     .281
2  NO2-N      5  OXYGEN    7      11.86  126.43    6.94  82.33     .299
2  NO2-N      6  S 0/00   7      11.86  2654.29   6.94  576.28    -0.276
2  NO2-N      7  TEMP     7      11.86  991.29    6.94  436.50    .334

3  NO3-N      3  NO3-N      7      1927.57  1927.57    1347.22  1347.22    1.000
3  NO3-N      4  P04       7      1927.57  195.00     1347.22  78.22     .653
3  NO3-N      5  OXYGEN    7      1927.57  126.43    1347.22  82.33    -0.789
3  NO3-N      6  S 0/00   7      1927.57  2654.29   1347.22  576.28    .953
3  NO3-N      7  TEMP     7      1927.57  991.29    1347.22  436.50    -0.980

4  P04       4  P04       7      195.00  195.00     78.22  78.22     1.000
4  P04       5  OXYGEN    7      195.00  126.43    78.22  82.33    -0.771
4  P04       6  S 0/00   7      195.00  2654.29   78.22  576.28    .803
4  P04       7  TEMP     7      195.00  991.29    78.22  436.50    -0.736

5  OXYGEN    5  OXYGEN    7      126.43  126.43    82.33  82.33     1.000
5  OXYGEN    6  S 0/00   7      126.43  2654.29   82.33  576.28    -0.908
5  OXYGEN    7  TEMP     7      126.43  991.29    82.33  436.50    .881

6  S 0/00   6  S 0/00   7      2654.29  2654.29   576.28  576.28    1.000
6  S 0/00   7  TEMP     7      2654.29  991.29   576.28  436.50    -0.992

7  TEMP     7  TEMP     7      991.29  991.29    436.50  436.50    1.000

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VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	7	21.00	21.00	12.77	12.77	1.000
1	NH4-N	2	NO2-N	7	21.00	28.00	12.77	41.41	.945
1	NH4-N	3	NO3-N	7	21.00	2278.57	12.77	1127.23	.087
1	NH4-N	4	PO4	7	21.00	196.86	12.77	78.57	.243
1	NH4-N	5	OXYGEN	7	21.00	151.71	12.77	99.30	.778
1	NH4-N	6	S O/00	7	21.00	2590.29	12.77	653.10	-0.886
1	NH4-N	7	TEMP	7	21.00	953.86	12.77	256.19	.254
2	NO2-N	2	NO2-N	7	28.00	28.00	41.41	41.41	1.000
2	NO2-N	3	NO3-N	7	28.00	2278.57	41.41	1127.23	.281
2	NO2-N	4	PO4	7	28.00	196.86	41.41	78.57	.503
2	NO2-N	5	OXYGEN	7	28.00	151.71	41.41	99.30	.646
2	NO2-N	6	S O/00	7	28.00	2590.29	41.41	653.10	-0.779
2	NO2-N	7	TEMP	7	28.00	953.86	41.41	256.19	.012
3	NO3-N	3	NO3-N	7	2278.57	2278.57	1127.23	1127.23	1.000
3	NO3-N	4	PO4	7	2278.57	196.86	1127.23	78.57	.848
3	NO3-N	5	OXYGEN	7	2278.57	151.71	1127.23	99.30	-0.449
3	NO3-N	6	S O/00	7	2278.57	2590.29	1127.23	653.10	.325
3	NO3-N	7	TEMP	7	2278.57	953.86	1127.23	256.19	-0.878
4	PO4	4	PO4	7	196.86	196.86	78.57	78.57	1.000
4	PO4	5	OXYGEN	7	196.86	151.71	78.57	99.30	-0.306
4	PO4	6	S O/00	7	196.86	2590.29	78.57	653.10	.135
4	PO4	7	TEMP	7	196.86	953.86	78.57	256.19	-0.818
5	OXYGEN	5	OXYGEN	7	151.71	151.71	99.30	99.30	1.000
5	OXYGEN	6	S O/00	7	151.71	2590.29	99.30	653.10	-0.946
5	OXYGEN	7	TEMP	7	151.71	953.86	99.30	256.19	.680
6	S O/00	6	S O/00	7	2590.29	2590.29	653.10	653.10	1.000
6	S O/00	7	TEMP	7	2590.29	953.86	653.10	256.19	-0.623
7	TEMP	7	TEMP	7	953.86	953.86	256.19	256.19	1.000

VARIABLE X		VERSUS	VARIABLE Y		NUMBER	X MEAN	Y MEAN	STANDARD DEV.		PEARSON'S
NO.	NAME		NO.	NAME	OF CASES			X	Y	R
1	NH4-N		1	NH4-N	7	65.57	65.57	96.68	96.68	1.000
1	NH4-N		2	NO2-N	7	65.57	36.14	96.68	41.05	.944
1	NH4-N		3	NO3-N	7	65.57	1880.86	96.68	384.39	.407
1	NH4-N		4	PO4	7	65.57	187.71	96.68	44.97	.335
1	NH4-N		5	OXYGEN	7	65.57	128.86	96.68	66.86	.876
1	NH4-N		6	S 0/00	7	65.57	2874.29	96.68	446.91	-0.946
1	NH4-N		7	TEMP	7	65.57	746.71	96.68	275.55	-0.920
2	NO2-N		2	NO2-N	7	36.14	36.14	41.05	41.05	1.000
2	NO2-N		3	NO3-N	7	36.14	1880.86	41.05	384.39	.668
2	NO2-N		4	PO4	7	36.14	187.71	41.05	44.97	.302
2	NO2-N		5	OXYGEN	7	36.14	128.86	41.05	66.86	.726
2	NO2-N		6	S 0/00	7	36.14	2874.29	41.05	446.91	-0.977
2	NO2-N		7	TEMP	7	36.14	746.71	41.05	275.55	-0.847
3	NO3-N		3	NO3-N	7	1880.86	1880.86	384.39	384.39	1.000
3	NO3-N		4	PO4	7	1880.86	187.71	384.39	44.97	-0.126
3	NO3-N		5	OXYGEN	7	1880.86	128.86	384.39	66.86	.195
3	NO3-N		6	S 0/00	7	1880.86	2874.29	384.39	446.91	-0.655
3	NO3-N		7	TEMP	7	1880.86	746.71	384.39	275.55	-0.213
4	PO4		4	PO4	7	187.71	187.71	44.97	44.97	1.000
4	PO4		5	OXYGEN	7	187.71	128.86	44.97	66.86	.075
4	PO4		6	S 0/00	7	187.71	2874.29	44.97	446.91	-0.182
4	PO4		7	TEMP	7	187.71	746.71	44.97	275.55	-0.527
5	OXYGEN		5	OXYGEN	7	128.86	128.86	66.86	66.86	1.000
5	OXYGEN		6	S 0/00	7	128.86	2874.29	66.86	446.91	-0.820
5	OXYGEN		7	TEMP	7	128.86	746.71	66.86	275.55	-0.685
6	S 0/00		6	S 0/00	7	2874.29	2874.29	446.91	446.91	1.000
6	S 0/00		7	TEMP	7	2874.29	746.71	446.91	275.55	.779
7	TEMP		7	TEMP	7	746.71	746.71	275.55	275.55	1.000

VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	8	22.38	22.38	22.28	22.28	1.000
1	NH4-N	2	NO2-N	8	22.38	11.63	22.28	7.87	.853
1	NH4-N	3	NO3-N	8	22.38	3017.88	22.28	321.72	.972
1	NH4-N	4	P04	8	22.38	209.25	22.28	30.21	-0.152
1	NH4-N	5	OXYGEN	8	22.38	125.00	22.28	77.24	.906
1	NH4-N	6	S 0/00	8	22.38	3151.38	22.28	102.11	-0.971
1	NH4-N	7	TEMP	8	22.38	646.25	22.28	261.95	-0.966
2	NO2-N	2	NO2-N	8	11.63	11.63	7.87	7.87	1.000
2	NO2-N	3	NO3-N	8	11.63	3017.88	7.87	321.72	.860
2	NO2-N	4	P04	8	11.63	209.25	7.87	30.21	.294
2	NO2-N	5	OXYGEN	8	11.63	125.00	7.87	77.24	.631
2	NO2-N	6	S 0/00	8	11.63	3151.38	7.87	102.11	-0.805
2	NO2-N	7	TEMP	8	11.63	646.25	7.87	261.95	-0.913
3	NO3-N	3	NO3-N	8	3017.88	3017.88	321.72	321.72	1.000
3	NO3-N	4	P04	8	3017.88	209.25	321.72	30.21	-0.070
3	NO3-N	5	OXYGEN	8	3017.88	125.00	321.72	77.24	.855
3	NO3-N	6	S 0/00	8	3017.88	3151.38	321.72	102.11	-0.970
3	NO3-N	7	TEMP	8	3017.88	646.25	321.72	261.95	-0.983
4	P04	4	P04	8	209.25	209.25	30.21	30.21	1.000
4	P04	5	OXYGEN	8	209.25	125.00	30.21	77.24	-0.539
4	P04	6	S 0/00	8	209.25	3151.38	30.21	102.11	.270
4	P04	7	TEMP	8	209.25	646.25	30.21	261.95	.013
5	OXYGEN	5	OXYGEN	8	125.00	125.00	77.24	77.24	1.000
5	OXYGEN	6	S 0/00	8	125.00	3151.38	77.24	102.11	-0.948
5	OXYGEN	7	TEMP	8	125.00	646.25	77.24	261.95	-0.836
6	S 0/00	6	S 0/00	8	3151.38	3151.38	102.11	102.11	1.000
6	S 0/00	7	TEMP	8	3151.38	646.25	102.11	261.95	.957
7	TEMP	7	TEMP	8	646.25	646.25	261.95	261.95	1.000

VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON*	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	8	53.50	53.50	42.58	42.58	1.000
1	NH4-N	2	NO2-N	8	53.50	16.13	42.58	9.49	.911
1	NH4-N	3	NO3-N	8	53.50	2440.75	42.58	588.05	-0.323
1	NH4-N	4	P04	8	53.50	251.75	42.58	84.37	-0.389
1	NH4-N	5	OXYGEN	8	53.50	186.50	42.58	99.38	.967
1	NH4-N	6	S 0/00	8	53.50	3151.13	42.58	126.45	-0.945
1	NH4-N	7	TEMP	8	53.50	531.75	42.58	325.97	-0.979
2	NO2-N	2	NO2-N	8	16.13	16.13	9.49	9.49	1.000
2	NO2-N	3	NO3-N	8	16.13	2440.75	9.49	588.05	-0.220
2	NO2-N	4	P04	8	16.13	251.75	9.49	84.37	-0.014
2	NO2-N	5	OXYGEN	8	16.13	186.50	9.49	99.38	.923
2	NO2-N	6	S 0/00	8	16.13	3151.13	9.49	126.45	-0.786
2	NO2-N	7	TEMP	8	16.13	531.75	9.49	325.97	-0.881
3	NO3-N	3	NO3-N	8	2440.75	2440.75	588.05	588.05	1.000
3	NO3-N	4	P04	8	2440.75	251.75	588.05	84.37	.273
3	NO3-N	5	OXYGEN	8	2440.75	186.50	588.05	99.38	-0.432
3	NO3-N	6	S 0/00	8	2440.75	3151.13	588.05	126.45	.141
3	NO3-N	7	TEMP	8	2440.75	531.75	588.05	325.97	.140
4	P04	4	P04	8	251.75	251.75	84.37	84.37	1.000
4	P04	5	OXYGEN	8	251.75	186.50	84.37	99.38	-0.359
4	P04	6	S 0/00	8	251.75	3151.13	84.37	126.45	.489
4	P04	7	TEMP	8	251.75	531.75	84.37	325.97	.393
5	OXYGEN	5	OXYGEN	8	186.50	186.50	99.38	99.38	1.000
5	OXYGEN	6	S 0/00	8	186.50	3151.13	99.38	126.45	-0.843
5	OXYGEN	7	TEMP	8	186.50	531.75	99.38	325.97	-0.908
6	S 0/00	6	S 0/00	8	3151.13	3151.13	126.45	126.45	1.000
6	S 0/00	7	TEMP	8	3151.13	531.75	126.45	325.97	.981
7	TEMP	7	TEMP	8	531.75	531.75	325.97	325.97	1.000

VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	5	33.20	33.20	22.44	22.44	1.000
1	NH4-N	2	NO2-N	5	33.20	15.40	22.44	5.03	-0.043
1	NH4-N	3	NO3-N	5	33.20	1182.60	22.44	1022.08	-0.867
1	NH4-N	4	PO4	5	33.20	339.60	22.44	128.34	-0.776
1	NH4-N	5	OXYGEN	5	33.20	150.60	22.44	110.85	.885
1	NH4-N	6	S O/00	5	33.20	2729.40	22.44	519.61	-0.809
1	NH4-N	7	TEMP	5	33.20	1169.20	22.44	572.03	.842
2	NO2-N	2	NO2-N	5	15.40	15.40	5.03	5.03	1.000
2	NO2-N	3	NO3-N	5	15.40	1182.60	5.03	1022.08	-0.028
2	NO2-N	4	PO4	5	15.40	339.60	5.03	128.34	.499
2	NO2-N	5	OXYGEN	5	15.40	150.60	5.03	110.85	-0.397
2	NO2-N	6	S O/00	5	15.40	2729.40	5.03	519.61	.451
2	NO2-N	7	TEMP	5	15.40	1169.20	5.03	572.03	-0.301
3	NO3-N	3	NO3-N	5	1182.60	1182.60	1022.08	1022.08	1.000
3	NO3-N	4	PO4	5	1182.60	339.60	1022.08	128.34	.851
3	NO3-N	5	OXYGEN	5	1182.60	150.60	1022.08	110.85	-0.888
3	NO3-N	6	S O/00	5	1182.60	2729.40	1022.08	519.61	.873
3	NO3-N	7	TEMP	5	1182.60	1169.20	1022.08	572.03	-0.940
4	PO4	4	PO4	5	339.60	339.60	128.34	128.34	1.000
4	PO4	5	OXYGEN	5	339.60	150.60	128.34	110.85	-0.980
4	PO4	6	S O/00	5	339.60	2729.40	128.34	519.61	.988
4	PO4	7	TEMP	5	339.60	1169.20	128.34	572.03	-0.968
5	OXYGEN	5	OXYGEN	5	150.60	150.60	110.85	110.85	1.000
5	OXYGEN	6	S O/00	5	150.60	2729.40	110.85	519.61	-0.978
5	OXYGEN	7	TEMP	5	150.60	1169.20	110.85	572.03	.971
6	S O/00	6	S O/00	5	2729.40	2729.40	519.61	519.61	1.000
6	S O/00	7	TEMP	5	2729.40	1169.20	519.61	572.03	-0.986
7	TEMP	7	TEMP	5	1169.20	1169.20	572.03	572.03	1.000

VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	8	39.50	39.50	33.83	33.83	1.000
1	NH4-N	2	NO2-N	8	39.50	16.50	33.83	15.51	.864
1	NH4-N	3	NO3-N	8	39.50	3119.00	33.83	891.74	-0.331
1	NH4-N	4	P04	8	39.50	196.75	33.83	82.88	-0.792
1	NH4-N	5	OXYGEN	8	39.50	184.63	33.83	138.28	.887
1	NH4-N	6	S 0/00	8	39.50	3109.13	33.83	279.59	-0.929
1	NH4-N	7	TEMP	8	39.50	485.38	33.83	206.46	-0.841
2	NO2-N	2	NO2-N	8	16.50	16.50	15.51	15.51	1.000
2	NO2-N	3	NO3-N	8	16.50	3119.00	15.51	891.74	-0.022
2	NO2-N	4	P04	8	16.50	196.75	15.51	82.88	-0.687
2	NO2-N	5	OXYGEN	8	16.50	184.63	15.51	138.28	.810
2	NO2-N	6	S 0/00	8	16.50	3109.13	15.51	279.59	-0.912
2	NO2-N	7	TEMP	8	16.50	485.38	15.51	206.46	-0.693
3	NO3-N	3	NO3-N	8	3119.00	3119.00	891.74	891.74	1.000
3	NO3-N	4	P04	8	3119.00	196.75	891.74	82.88	.668
3	NO3-N	5	OXYGEN	8	3119.00	184.63	891.74	138.28	-0.600
3	NO3-N	6	S 0/00	8	3119.00	3109.13	891.74	279.59	.409
3	NO3-N	7	TEMP	8	3119.00	485.38	891.74	206.46	.687
4	P04	4	P04	8	196.75	196.75	82.88	82.88	1.000
4	P04	5	OXYGEN	8	196.75	184.63	82.88	138.28	-0.948
4	P04	6	S 0/00	8	196.75	3109.13	82.88	279.59	.904
4	P04	7	TEMP	8	196.75	485.38	82.88	206.46	.928
5	OXYGEN	5	OXYGEN	8	184.63	184.63	138.28	138.28	1.000
5	OXYGEN	6	S 0/00	8	184.63	3109.13	138.28	279.59	-0.971
5	OXYGEN	7	TEMP	8	184.63	485.38	138.28	206.46	-0.962
6	S 0/00	6	S 0/00	8	3109.13	3109.13	279.59	279.59	1.000
6	S 0/00	7	TEMP	8	3109.13	485.38	279.59	206.46	.898
7	TEMP	7	TEMP	8	485.38	485.38	206.46	206.46	1.000

VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	6	120.17	120.17	27.68	27.68	1.000
1	NH4-N	2	NO2-N	6	120.17	29.83	27.68	26.44	.940
1	NH4-N	3	NO3-N	6	120.17	3758.50	27.68	1502.80	.804
1	NH4-N	4	PO4	6	120.17	421.33	27.68	296.05	.119
1	NH4-N	5	OXYGEN	6	120.17	180.50	27.68	121.25	.883
1	NH4-N	6	S 0/00	6	120.17	2833.50	27.68	877.98	-0.938
1	NH4-N	7	TEMP	6	120.17	582.33	27.68	174.73	.470
2	NO2-N	2	NO2-N	6	29.83	29.83	26.44	26.44	1.000
2	NO2-N	3	NO3-N	6	29.83	3758.50	26.44	1502.80	.882
2	NO2-N	4	PO4	6	29.83	421.33	26.44	296.05	-0.096
2	NO2-N	5	OXYGEN	6	29.83	180.50	26.44	121.25	.732
2	NO2-N	6	S 0/00	6	29.83	2833.50	26.44	877.98	-0.933
2	NO2-N	7	TEMP	6	29.83	582.33	26.44	174.73	.639
3	NO3-N	3	NO3-N	6	3758.50	3758.50	1502.80	1502.80	1.000
3	NO3-N	4	PO4	6	3758.50	421.33	1502.80	296.05	.079
3	NO3-N	5	OXYGEN	6	3758.50	180.50	1502.80	121.25	.540
3	NO3-N	6	S 0/00	6	3758.50	2833.50	1502.80	877.98	-0.900
3	NO3-N	7	TEMP	6	3758.50	582.33	1502.80	174.73	.893
4	PO4	4	PO4	6	421.33	421.33	296.05	296.05	1.000
4	PO4	5	OXYGEN	6	421.33	180.50	296.05	121.25	.016
4	PO4	6	S 0/00	6	421.33	2833.50	296.05	877.98	.025
4	PO4	7	TEMP	6	421.33	582.33	296.05	174.73	.075
5	OXYGEN	5	OXYGEN	6	180.50	180.50	121.25	121.25	1.000
5	OXYGEN	6	S 0/00	6	180.50	2833.50	121.25	877.98	-0.842
5	OXYGEN	7	TEMP	6	180.50	582.33	121.25	174.73	.105
6	S 0/00	6	S 0/00	6	2833.50	2833.50	877.98	877.98	1.000
6	S 0/00	7	TEMP	6	2833.50	582.33	877.98	174.73	-0.612
7	TEMP	7	TEMP	6	582.33	582.33	174.73	174.73	1.000

VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	7	28.00	28.00	28.17	28.17	1.000
1	NH4-N	2	NO2-N	7	28.00	31.86	28.17	21.62	.822
1	NH4-N	3	NO3-N	7	28.00	1804.43	28.17	1568.58	-0.756
1	NH4-N	4	P04	7	28.00	198.71	28.17	129.60	-0.566
1	NH4-N	5	OXYGEN	7	28.00	220.00	28.17	177.71	.902
1	NH4-N	6	S 0/00	7	28.00	2855.86	28.17	523.57	-0.933
1	NH4-N	7	TEMP	7	28.00	677.57	28.17	258.00	.863
2	NO2-N	2	NO2-N	7	31.86	31.86	21.62	21.62	1.000
2	NO2-N	3	NO3-N	7	31.86	1804.43	21.62	1568.58	-0.597
2	NO2-N	4	P04	7	31.86	198.71	21.62	129.60	-0.292
2	NO2-N	5	OXYGEN	7	31.86	220.00	21.62	177.71	.683
2	NO2-N	6	S 0/00	7	31.86	2855.86	21.62	523.57	-0.737
2	NO2-N	7	TEMP	7	31.86	677.57	21.62	258.00	.775
3	NO3-N	3	NO3-N	7	1804.43	1804.43	1568.58	1568.58	1.000
3	NO3-N	4	P04	7	1804.43	198.71	1568.58	129.60	.785
3	NO3-N	5	OXYGEN	7	1804.43	220.00	1568.58	177.71	-0.902
3	NO3-N	6	S 0/00	7	1804.43	2855.86	1568.58	523.57	.930
3	NO3-N	7	TEMP	7	1804.43	677.57	1568.58	258.00	-0.483
4	P04	4	P04	7	198.71	198.71	129.60	129.60	1.000
4	P04	5	OXYGEN	7	198.71	220.00	129.60	177.71	-0.786
4	P04	6	S 0/00	7	198.71	2855.86	129.60	523.57	.768
4	P04	7	TEMP	7	198.71	677.57	129.60	258.00	-0.098
5	OXYGEN	5	OXYGEN	7	220.00	220.00	177.71	177.71	1.000
5	OXYGEN	6	S 0/00	7	220.00	2855.86	177.71	523.57	-0.985
5	OXYGEN	7	TEMP	7	220.00	677.57	177.71	258.00	.649
6	S 0/00	6	S 0/00	7	2855.86	2855.86	523.57	523.57	1.000
6	S 0/00	7	TEMP	7	2855.86	677.57	523.57	258.00	-0.687
7	TEMP	7	TEMP	7	677.57	677.57	258.00	258.00	1.000

VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	10	61.70	61.70	42.17	42.17	1.000
1	NH4-N	2	NO2-N	10	61.70	23.00	42.17	25.43	.619
1	NH4-N	3	NO3-N	10	61.70	1613.00	42.17	1535.07	-0.618
1	NH4-N	4	P04	10	61.70	225.90	42.17	127.29	-0.214
1	NH4-N	5	OXYGEN	10	61.70	180.90	42.17	146.62	.496
1	NH4-N	6	S 0/00	10	61.70	2565.40	42.17	717.80	-0.463
1	NH4-N	7	TEMP	10	61.70	934.60	42.17	421.22	.343
2	NO2-N	2	NO2-N	10	23.00	23.00	25.43	25.43	1.000
2	NO2-N	3	NO3-N	10	23.00	1613.00	25.43	1535.07	-0.098
2	NO2-N	4	P04	10	23.00	225.90	25.43	127.29	-0.166
2	NO2-N	5	OXYGEN	10	23.00	180.90	25.43	146.62	-0.094
2	NO2-N	6	S 0/00	10	23.00	2565.40	25.43	717.80	-0.074
2	NO2-N	7	TEMP	10	23.00	934.60	25.43	421.22	.122
3	NO3-N	3	NO3-N	10	1613.00	1613.00	1535.07	1535.07	1.000
3	NO3-N	4	P04	10	1613.00	225.90	1535.07	127.29	.607
3	NO3-N	5	OXYGEN	10	1613.00	180.90	1535.07	146.62	-0.893
3	NO3-N	6	S 0/00	10	1613.00	2565.40	1535.07	717.80	.945
3	NO3-N	7	TEMP	10	1613.00	934.60	1535.07	421.22	-0.809
4	P04	4	P04	10	225.90	225.90	127.29	127.29	1.000
4	P04	5	OXYGEN	10	225.90	180.90	127.29	146.62	-0.434
4	P04	6	S 0/00	10	225.90	2565.40	127.29	717.80	.695
4	P04	7	TEMP	10	225.90	934.60	127.29	421.22	-0.632
5	OXYGEN	5	OXYGEN	10	180.90	180.90	146.62	146.62	1.000
5	OXYGEN	6	S 0/00	10	180.90	2565.40	146.62	717.80	-0.890
5	OXYGEN	7	TEMP	10	180.90	934.60	146.62	421.22	.760
6	S 0/00	6	S 0/00	10	2565.40	2565.40	717.80	717.80	1.000
6	S 0/00	7	TEMP	10	2565.40	934.60	717.80	421.22	-0.927
7	TEMP	7	TEMP	10	934.60	934.60	421.22	421.22	1.000

VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	8	24.00	24.00	8.05	8.05	1.000
1	NH4-N	2	NO2-N	8	24.00	9.75	8.05	7.81	.243
1	NH4-N	3	NO3-N	8	24.00	1802.25	8.05	1677.60	-0.760
1	NH4-N	4	P04	8	24.00	260.63	8.05	110.95	-0.891
1	NH4-N	5	OXYGEN	8	24.00	105.88	8.05	85.80	.616
1	NH4-N	6	S 0/00	8	24.00	2560.00	8.05	668.08	-0.850
1	NH4-N	7	TEMP	8	24.00	1092.13	8.05	513.71	.788
2	NO2-N	2	NO2-N	8	9.75	9.75	7.81	7.81	1.000
2	NO2-N	3	NO3-N	8	9.75	1802.25	7.81	1677.60	-0.611
2	NO2-N	4	P04	8	9.75	260.63	7.81	110.95	-0.382
2	NO2-N	5	OXYGEN	8	9.75	105.88	7.81	85.80	-0.148
2	NO2-N	6	S 0/00	8	9.75	2560.00	7.81	668.08	-0.480
2	NO2-N	7	TEMP	8	9.75	1092.13	7.81	513.71	.555
3	NO3-N	3	NO3-N	8	1802.25	1802.25	1677.60	1677.60	1.000
3	NO3-N	4	P04	8	1802.25	260.63	1677.60	110.95	.886
3	NO3-N	5	OXYGEN	8	1802.25	105.88	1677.60	85.80	-0.604
3	NO3-N	6	S 0/00	8	1802.25	2560.00	1677.60	668.08	.968
3	NO3-N	7	TEMP	8	1802.25	1092.13	1677.60	513.71	-0.996
4	P04	4	P04	8	260.63	260.63	110.95	110.95	1.000
4	P04	5	OXYGEN	8	260.63	105.88	110.95	85.80	-0.708
4	P04	6	S 0/00	8	260.63	2560.00	110.95	668.08	.968
4	P04	7	TEMP	8	260.63	1092.13	110.95	513.71	-0.895
5	OXYGEN	5	OXYGEN	8	105.88	105.88	85.80	85.80	1.000
5	OXYGEN	6	S 0/00	8	105.88	2560.00	85.80	668.08	-0.724
5	OXYGEN	7	TEMP	8	105.88	1092.13	85.80	513.71	.638
6	S 0/00	6	S 0/00	8	2560.00	2560.00	668.08	668.08	1.000
6	S 0/00	7	TEMP	8	2560.00	1092.13	668.08	513.71	-0.971
7	TEMP	7	TEMP	8	1092.13	1092.13	513.71	513.71	1.000

VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	6	25.33	25.33	9.22	9.22	1.000
1	NH4-N	2	NO2-N	6	25.33	12.50	9.22	6.09	.769
1	NH4-N	3	NO3-N	6	25.33	1928.00	9.22	1580.92	-0.959
1	NH4-N	4	P04	6	25.33	158.83	9.22	59.76	-0.956
1	NH4-N	5	OXYGEN	6	25.33	192.00	9.22	140.63	.923
1	NH4-N	6	S 0/00	6	25.33	2542.00	9.22	433.45	-0.958
1	NH4-N	7	TEMP	6	25.33	978.33	9.22	276.31	.778
2	NO2-N	2	NO2-N	6	12.50	12.50	6.09	6.09	1.000
2	NO2-N	3	NO3-N	6	12.50	1928.00	6.09	1580.92	-0.896
2	NO2-N	4	P04	6	12.50	158.83	6.09	59.76	-0.857
2	NO2-N	5	OXYGEN	6	12.50	192.00	6.09	140.63	.587
2	NO2-N	6	S 0/00	6	12.50	2542.00	6.09	433.45	-0.831
2	NO2-N	7	TEMP	6	12.50	978.33	6.09	276.31	.945
3	NO3-N	3	NO3-N	6	1928.00	1928.00	1580.92	1580.92	1.000
3	NO3-N	4	P04	6	1928.00	158.83	1580.92	59.76	.972
3	NO3-N	5	OXYGEN	6	1928.00	192.00	1580.92	140.63	-0.883
3	NO3-N	6	S 0/00	6	1928.00	2542.00	1580.92	433.45	.970
3	NO3-N	7	TEMP	6	1928.00	978.33	1580.92	276.31	-0.846
4	P04	4	P04	6	158.83	158.83	59.76	59.76	1.000
4	P04	5	OXYGEN	6	158.83	192.00	59.76	140.63	-0.864
4	P04	6	S 0/00	6	158.83	2542.00	59.76	433.45	.922
4	P04	7	TEMP	6	158.83	978.33	59.76	276.31	-0.813
5	OXYGEN	5	OXYGEN	6	192.00	192.00	140.63	140.63	1.000
5	OXYGEN	6	S 0/00	6	192.00	2542.00	140.63	433.45	-0.894
5	OXYGEN	7	TEMP	6	192.00	978.33	140.63	276.31	.532
6	S 0/00	6	S 0/00	6	2542.00	2542.00	433.45	433.45	1.000
6	S 0/00	7	TEMP	6	2542.00	978.33	433.45	276.31	-0.841
7	TEMP	7	TEMP	6	978.33	978.33	276.31	276.31	1.000

VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	8	46.75	46.75	45.85	45.85	1.000
1	NH4-N	2	NO2-N	8	46.75	48.63	45.85	40.85	.706
1	NH4-N	3	NO3-N	8	46.75	1682.25	45.85	328.76	-0.088
1	NH4-N	4	P04	8	46.75	226.50	45.85	120.79	-0.131
1	NH4-N	5	OXYGEN	8	46.75	117.25	45.85	122.25	.897
1	NH4-N	6	S 0/00	8	46.75	2848.38	45.85	565.65	-0.911
1	NH4-N	7	TEMP	8	46.75	545.63	45.85	279.10	-0.976
2	NO2-N	2	NO2-N	8	48.63	48.63	40.85	40.85	1.000
2	NO2-N	3	NO3-N	8	48.63	1682.25	40.85	328.76	-0.638
2	NO2-N	4	P04	8	48.63	226.50	40.85	120.79	.501
2	NO2-N	5	OXYGEN	8	48.63	117.25	40.85	122.25	.345
2	NO2-N	6	S 0/00	8	48.63	2848.38	40.85	565.65	-0.380
2	NO2-N	7	TEMP	8	48.63	545.63	40.85	279.10	-0.728
3	NO3-N	3	NO3-N	8	1682.25	1682.25	328.76	328.76	1.000
3	NO3-N	4	P04	8	1682.25	226.50	328.76	120.79	-0.893
3	NO3-N	5	OXYGEN	8	1682.25	117.25	328.76	122.25	.325
3	NO3-N	6	S 0/00	8	1682.25	2848.38	328.76	565.65	-0.325
3	NO3-N	7	TEMP	8	1682.25	545.63	328.76	279.10	.145
4	P04	4	P04	8	226.50	226.50	120.79	120.79	1.000
4	P04	5	OXYGEN	8	226.50	117.25	120.79	122.25	-0.534
4	P04	6	S 0/00	8	226.50	2848.38	120.79	565.65	.503
4	P04	7	TEMP	8	226.50	545.63	120.79	279.10	.138
5	OXYGEN	5	OXYGEN	8	117.25	117.25	122.25	122.25	1.000
5	OXYGEN	6	S 0/00	8	117.25	2848.38	122.25	565.65	-0.994
5	OXYGEN	7	TEMP	8	117.25	545.63	122.25	279.10	-0.868
6	S 0/00	6	S 0/00	8	2848.38	2848.38	565.65	565.65	1.000
6	S 0/00	7	TEMP	8	2848.38	545.63	565.65	279.10	.867
7	TEMP	7	TEMP	8	545.63	545.63	279.10	279.10	1.000

VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	7	22.57	22.57	18.77	18.77	1.000
1	NH4-N	2	NO2-N	7	22.57	34.43	18.77	62.90	.126
1	NH4-N	3	NO3-N	7	22.57	3055.00	18.77	595.74	.248
1	NH4-N	4	P04	7	22.57	267.86	18.77	98.61	-0.052
1	NH4-N	5	OXYGEN	7	22.57	111.57	18.77	108.31	.839
1	NH4-N	6	S 0/00	7	22.57	3174.57	18.77	153.82	-0.729
1	NH4-N	7	TEMP	7	22.57	528.14	18.77	276.63	-0.963
2	NO2-N	2	NO2-N	7	34.43	34.43	62.90	62.90	1.000
2	NO2-N	3	NO3-N	7	34.43	3055.00	62.90	595.74	-0.906
2	NO2-N	4	P04	7	34.43	267.86	62.90	98.61	.918
2	NO2-N	5	OXYGEN	7	34.43	111.57	62.90	108.31	-0.346
2	NO2-N	6	S 0/00	7	34.43	3174.57	62.90	153.82	.444
2	NO2-N	7	TEMP	7	34.43	528.14	62.90	276.63	.050
3	NO3-N	3	NO3-N	7	3055.00	3055.00	595.74	595.74	1.000
3	NO3-N	4	P04	7	3055.00	267.86	595.74	98.61	-0.866
3	NO3-N	5	OXYGEN	7	3055.00	111.57	595.74	108.31	.639
3	NO3-N	6	S 0/00	7	3055.00	3174.57	595.74	153.82	-0.702
3	NO3-N	7	TEMP	7	3055.00	528.14	595.74	276.63	-0.438
4	P04	4	P04	7	267.86	267.86	98.61	98.61	1.000
4	P04	5	OXYGEN	7	267.86	111.57	98.61	108.31	-0.566
4	P04	6	S 0/00	7	267.86	3174.57	98.61	153.82	.671
4	P04	7	TEMP	7	267.86	528.14	98.61	276.63	.187
5	OXYGEN	5	OXYGEN	7	111.57	111.57	108.31	108.31	1.000
5	OXYGEN	6	S 0/00	7	111.57	3174.57	108.31	153.82	-0.977
5	OXYGEN	7	TEMP	7	111.57	528.14	108.31	276.63	-0.882
6	S 0/00	6	S 0/00	7	3174.57	3174.57	153.82	153.82	1.000
6	S 0/00	7	TEMP	7	3174.57	528.14	153.82	276.63	.787
7	TEMP	7	TEMP	7	528.14	528.14	276.63	276.63	1.000

VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1	NH4-N	1	NH4-N	9	44.22	44.22	46.10	46.10	1.000
1	NH4-N	2	NO2-N	9	44.22	18.00	46.10	18.24	.737
1	NH4-N	3	NO3-N	9	44.22	2662.11	46.10	621.89	.341
1	NH4-N	4	P04	9	44.22	329.33	46.10	209.06	.119
1	NH4-N	5	OXYGEN	9	44.22	123.11	46.10	99.85	.787
1	NH4-N	6	S 0/00	9	44.22	3210.44	46.10	111.62	-0.796
1	NH4-N	7	TEMP	9	44.22	573.56	46.10	267.29	-0.954
2	NO2-N	2	NO2-N	9	18.00	18.00	18.24	18.24	1.000
2	NO2-N	3	NO3-N	9	18.00	2662.11	18.24	621.89	.474
2	NO2-N	4	P04	9	18.00	329.33	18.24	209.06	-0.061
2	NO2-N	5	OXYGEN	9	18.00	123.11	18.24	99.85	.768
2	NO2-N	6	S 0/00	9	18.00	3210.44	18.24	111.62	-0.781
2	NO2-N	7	TEMP	9	18.00	573.56	18.24	267.29	-0.846
3	NO3-N	3	NO3-N	9	2662.11	2662.11	621.89	621.89	1.000
3	NO3-N	4	P04	9	2662.11	329.33	621.89	209.06	-0.838
3	NO3-N	5	OXYGEN	9	2662.11	123.11	621.89	99.85	.631
3	NO3-N	6	S 0/00	9	2662.11	3210.44	621.89	111.62	-0.765
3	NO3-N	7	TEMP	9	2662.11	573.56	621.89	267.29	-0.484
4	P04	4	P04	9	329.33	329.33	209.06	209.06	1.000
4	P04	5	OXYGEN	9	329.33	123.11	209.06	99.85	-0.389
4	P04	6	S 0/00	9	329.33	3210.44	209.06	111.62	.422
4	P04	7	TEMP	9	329.33	573.56	209.06	267.29	-0.015
5	OXYGEN	5	OXYGEN	9	123.11	123.11	99.85	99.85	1.000
5	OXYGEN	6	S 0/00	9	123.11	3210.44	99.85	111.62	-0.912
5	OXYGEN	7	TEMP	9	123.11	573.56	99.85	267.29	-0.777
6	S 0/00	6	S 0/00	9	3210.44	3210.44	111.62	111.62	1.000
6	S 0/00	7	TEMP	9	3210.44	573.56	111.62	267.29	.853
7	TEMP	7	TEMP	9	573.56	573.56	267.29	267.29	1.000

VARIABLE X	VERSUS	VARIABLE Y	NUMBER			STANDARD DEV.		PEARSON'S	
NO. NAME		NO. NAME	OF CASES	X MEAN	Y MEAN	X	Y	R	

1 NH4-N		1 NH4-N	8	31.75	31.75	21.87	21.87	1.000	
1 NH4-N		2 NO2-N	8	31.75	21.63	21.87	24.03	-0.276	
1 NH4-N		3 NO3-N	8	31.75	1244.50	21.87	952.12	-0.816	
1 NH4-N		4 PO4	8	31.75	406.50	21.87	207.20	.226	
1 NH4-N		5 OXYGEN	8	31.75	89.75	21.87	83.17	.355	
1 NH4-N		6 S 0/00	8	31.75	2946.75	21.87	459.33	-0.551	
1 NH4-N		7 TEMP	8	31.75	946.50	21.87	465.98	.613	
2 NO2-N		2 NO2-N	8	21.63	21.63	24.03	24.03	1.000	
2 NO2-N		3 NO3-N	8	21.63	1244.50	24.03	952.12	.280	
2 NO2-N		4 PO4	8	21.63	406.50	24.03	207.20	-0.153	
2 NO2-N		5 OXYGEN	8	21.63	89.75	24.03	83.17	-0.094	
2 NO2-N		6 S 0/00	8	21.63	2946.75	24.03	459.33	.144	
2 NO2-N		7 TEMP	8	21.63	946.50	24.03	465.98	-0.124	
3 NO3-N		3 NO3-N	8	1244.50	1244.50	952.12	952.12	1.000	
3 NO3-N		4 PO4	8	1244.50	406.50	952.12	207.20	-0.125	
3 NO3-N		5 OXYGEN	8	1244.50	89.75	952.12	83.17	-0.418	
3 NO3-N		6 S 0/00	8	1244.50	2946.75	952.12	459.33	.517	
3 NO3-N		7 TEMP	8	1244.50	946.50	952.12	465.98	-0.693	
4 PO4		4 PO4	8	406.50	406.50	207.20	207.20	1.000	
4 PO4		5 OXYGEN	8	406.50	89.75	207.20	83.17	-0.734	
4 PO4		6 S 0/00	8	406.50	2946.75	207.20	459.33	.673	
4 PO4		7 TEMP	8	406.50	946.50	207.20	465.98	-0.585	
5 OXYGEN		5 OXYGEN	8	89.75	89.75	83.17	83.17	1.000	
5 OXYGEN		6 S 0/00	8	89.75	2946.75	83.17	459.33	-0.843	
5 OXYGEN		7 TEMP	8	89.75	946.50	83.17	465.98	.863	
6 S 0/00		6 S 0/00	8	2946.75	2946.75	459.33	459.33	1.000	
6 S 0/00		7 TEMP	8	2946.75	946.50	459.33	465.98	-0.960	
7 TEMP		7 TEMP	8	946.50	946.50	465.98	465.98	1.000	
