

APPENDIX 3C

DETAILED DATA SUMMARY FOR WATER QUALITY DATA MEASURED
AT ALL SAMPLING SITES IN THE KLAMATH HYDROELECTRIC PROJECT IN 2000
THROUGH 2003

LIST OF SAMPLE SITES

SiteID	Total Days	Total Samples	Site Name
FA00	10	10	RALL CREEK NEAR MOUTH
JE00	10	10	JENNY CREEK NEAR MOUTH
KR17600	7	7	KLAMATH RIVER ABOVE SHASTA RIVER
KR18973	40	40	IRON GATE DAM OUTFLOW
KR19019	40	913	IRONGATE RES NR HORNBROOK
KR19645	18	19	COPCO 2 DAM OUTFLOW
KR19874	39	754	COPCO LAKE NR COPCO
KR20642	38	38	KLAMATH RIVER U/S SHOVEL CREEK
KR20750	12	18	KLAMATH RIVER BELOW STATELINE
KR20932	12	18	KLAMATH RIVER NEAR STATELINE (KR4)
KR22040	25	102	KLAMATH RIVER U/S J.C. BOYLE POWERHOUSE
KR22460	24	27	KLAMATH RIVER BELOW BOYLE DAM (KR2)
KR22478	37	333	J.C. BOYLE RESERVOIR AT LOG BOOM
KR22505	8	120	J.C. BOYLE RESERVOIR AT DEEPEST POINT
KR22600	1	1	J.C. BOYLE RESERVOIR AT HWY 66 BRIDGE
KR22822	25	100	KLAMATH RIVER ABV J.C. BOYLE RESERVOIR (KR1)
KR23334	23	24	KENO DAM OUTFLOW
KR23360	8	39	KENO RESERVOIR AT LOG BOOM
KR23490	36	115	KLAMATH RIVER AT KENO BRIDGE (HWY 66)
KR23828	14	97	KLAMATH RIVER DIRECTLY D/S OF KLAMATH STRAIT
KR24148	14	96	KLAMATH RIVER U/S OF KLAMATH STRAIT
KR24589	27	90	KLAMATH RIVER AT MILLER ISLAND BOAT RAMP
KR25079	14	66	KLAMATH RIVER AT SOUTH-SIDE BYPASS BRIDGE
KR25312	29	80	LINK RIVER AT MOUTH
KR25344	13	66	LINK RIVER (421404121480101)
KR25479	9	12	UPPER KLAMATH LAKE AT FREMONT ST BRIDGE
KS00	7	25	KLAMATH STRAIT 200' D/S PUMP STATION F (S CHAN)
KS01	27	64	KLAMATH STRAIT AT PUMPING PLANT F
LK00	3	10	LOST RIVER DIVERSION CANAL AT KLAMATH RIVER
PC00	15	90	J.C. BOYLE POWERHOUSE TAILRACE
SH01	23	27	SHASTA RIVER NEAR MOUTH
SP00	12	13	SPENCER CREEK NEAR MOUTH
SR00	11	13	SHOVEL CREEK NEAR MOUTH
Total	631	3437	

LIST OF VARIABLES

Variable Name	Variable Definition																						
ALKT	Total alkalinity, mg/L as CaCO ₃																						
BOD	Biochemical oxygen demand, mg/L																						
CHLA	Chlorophyll a, µg/L																						
COND	Conductivity, µS/cm, not corrected to 25 C																						
DATE	Date of sample collection or measurement																						
DAY	Day of year																						
DEPTH	Depth of sample, m																						
DOCON	Dissolved oxygen, mg/L																						
DOPER	Dissolved oxygen saturation, percent, as measured. (Some values referenced to local conditions, some to sea level.)																						
GROUP	Group ID based on hierarchical clusters																						
IGCFS	Discharge USGS gauge below Irongate dam on day of sample, cfs																						
J.C.BCFS	Discharge at USGS gauge below J.C. Boyle dam on day of sample, cfs																						
MONTH	Month of year																						
NAME	Name of site																						
NH ₃	Ammonia nitrogen, mg/L as N																						
NO ₃	Nitrate plus nitrite nitrogen, mg/L as N																						
ORP	Oxidation-reduction potential value measured by E&S, mv (BOR values included in italics)																						
PH	pH value, units																						
PO ₄	Orthophosphate phosphorus, mg/L as P																						
PT	Total phosphorus, mg/L as P																						
REACH	Reach number as defined in reach summary documents																						
	<table border="0" style="margin-left: 20px;"> <thead> <tr> <th style="text-align: left;">Reach</th> <th style="text-align: left;">Location</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Link River/UKL</td> </tr> <tr> <td>2</td> <td>Lake Ewauna/Keno</td> </tr> <tr> <td>3</td> <td>Keno Reach</td> </tr> <tr> <td>4</td> <td>Boyle Reservoir</td> </tr> <tr> <td>5</td> <td>Bypass Reach</td> </tr> <tr> <td>6</td> <td>Peaking Reach</td> </tr> <tr> <td>7</td> <td>Copco Reservoir</td> </tr> <tr> <td>8</td> <td>Copco to Irongate</td> </tr> <tr> <td>9</td> <td>Iron Gate Reservoir</td> </tr> <tr> <td>10</td> <td>Below Iron Gate Dam</td> </tr> </tbody> </table>	Reach	Location	1	Link River/UKL	2	Lake Ewauna/Keno	3	Keno Reach	4	Boyle Reservoir	5	Bypass Reach	6	Peaking Reach	7	Copco Reservoir	8	Copco to Irongate	9	Iron Gate Reservoir	10	Below Iron Gate Dam
Reach	Location																						
1	Link River/UKL																						
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10	Below Iron Gate Dam																						
REDOX	Oxidation-reduction potential value measured by USBR, mv																						
RM	River mile of site location, based on GIS coverage. River mile for TYPE,Tribs = approximate RM where Trib joins Klamath River																						
SECCHI	Secchi depth, m																						
SEQUENCE	SITEID with 2-digit sequential numeric prefix																						
SITEID	Site ID based on 2 letter alpha stream code plus 5 number site code based on river mile (RMx100)																						
SITEIDA	SITEID with alpha suffix: A=AM, P=PM, E = Epilimnion (depth < 9 m), M = Metalimnion (depth >9 m to 20 m), Hypolimnion, (depth > 20 m)																						
SPC	Conductivity, µS/cm corrected to 25 C. (Calculated from COND where not recorded in field)																						
TDS	Total dissolved solids, mg/L																						
TEMP	Water temperature, degrees C																						
TIME	Time of day sample was collected or measured																						
TIN	NH ₃ + NO ₃																						
TINPTRATI	TIN / PT																						
TKN	Total Kjeldahl nitrogen, mg/L as N																						

TNTP	TOTN / PT
TOTN	TKN + NO3
TSS	Total suspended solids, mg/L
TURB	Turbidity, NTU
TVS	Total volatile solids, mg/L
TYPE	Type of sampling site, Res = Iron Gate and Copco reservoirs, Riv = sites on Klamath River, Trib = sites on tributaries
YEAR	Year of sample

SUMMARY STATISTICS

Water quality sampling data collected from March 2000 through November 2003 at various sites in the Klamath Hydroelectric Project, Klamath County, Oregon and Siskiyou County, California.

Descriptive Statistics for SITEIDA = FA00

	ALKT	BOD	CHLA	COND	DEPTH
N	9	9	10	10	10
Lo 95% CI	73.222	1.2722	0.4653	99.449	0.4674
Mean	74.222	2.8333	1.7100	114.00	0.4900
Up 95% CI	75.223	4.3945	2.9547	128.55	0.5126
SD	1.3017	2.0310	1.7400	20.342	0.0316
SE Mean	0.4339	0.6770	0.5502	6.4326	0.0100
C.V.	1.7538	71.683	101.76	17.843	6.4536
Minimum	72.000	1.5000	0.4000	95.000	0.4000
1st Quarti	73.500	1.5000	0.5000	95.750	0.5000
Median	74.000	1.5000	1.0000	107.00	0.5000
3rd Quarti	75.500	4.5000	2.2250	139.25	0.5000
Maximum	76.000	7.0000	5.4000	145.00	0.5000

	DOCON	DOPER	NH3	NO3	ORP
N	10	10	9	9	7
Lo 95% CI	10.081	91.431	0.0323	0.0496	119.90
Mean	10.696	96.210	0.0583	0.0650	149.43
Up 95% CI	11.311	100.99	0.0843	0.0804	178.96
SD	0.8598	6.6811	0.0338	0.0200	31.931
SE Mean	0.2719	2.1127	0.0113	6.667E-03	12.069
C.V.	8.0384	6.9442	57.976	30.769	21.369
Minimum	8.6400	78.400	0.0250	0.0250	113.00
1st Quarti	10.468	95.425	0.0250	0.0550	118.00
Median	10.725	97.350	0.0500	0.0700	147.00
3rd Quarti	11.352	100.93	0.0950	0.0800	183.00
Maximum	11.740	101.30	0.1000	0.0900	192.00

	PH	PO4	PT	REDOX	SECCHI
N	10	9	9	6	0
Lo 95% CI	7.9424	0.0396	0.0493	123.77	M
Mean	8.1020	0.0917	0.1544	155.50	M
Up 95% CI	8.2616	0.1437	0.2596	187.23	M
SD	0.2231	0.0677	0.1368	30.231	M
SE Mean	0.0706	0.0226	0.0456	12.342	M
C.V.	2.7542	73.888	88.548	19.441	M
Minimum	7.5000	0.0150	0.0300	118.00	M
1st Quarti	8.1150	0.0450	0.0400	124.00	M
Median	8.1500	0.0800	0.1100	157.00	M
3rd Quarti	8.1975	0.1100	0.2300	185.25	M
Maximum	8.3100	0.2500	0.4400	192.00	M

	SPC	TEMP	TIN	TINPTRATI	TKN
N	10	10	9	9	9
Lo 95% CI	135.09	9.5539	0.0840	0.3560	0.0777
Mean	140.10	10.717	0.1233	1.9222	0.1778
Up 95% CI	145.11	11.880	0.1626	3.4884	0.2778
SD	6.9992	1.6259	0.0511	2.0375	0.1302

SE Mean	2.2133	0.5142	0.0170	0.6792	0.0434
C.V.	4.9959	15.172	41.443	106.00	73.221
Minimum	124.00	8.7500	0.0550	0.1900	0.1000
1st Quarti	136.25	9.4200	0.0800	0.4200	0.1000
Median	143.50	10.170	0.1200	0.9000	0.1000
3rd Quarti	145.00	12.560	0.1750	4.0850	0.2000
Maximum	146.00	13.330	0.1900	5.3300	0.5000

	TNTP	TOTN	TSS	TURB	TVS
N	9	9	0	0	0
Lo 95% CI	1.0352	0.1328	M	M	M
Mean	3.2146	0.2428	M	M	M
Up 95% CI	5.3939	0.3528	M	M	M
SD	2.8352	0.1431	M	M	M
SE Mean	0.9451	0.0477	M	M	M
C.V.	88.198	58.931	M	M	M
Minimum	0.3636	0.1250	M	M	M
1st Quarti	0.6971	0.1550	M	M	M
Median	2.5000	0.1700	M	M	M
3rd Quarti	5.2500	0.2800	M	M	M
Maximum	9.0000	0.5900	M	M	M

	TDS
N	0
Lo 95% CI	M
Mean	M
Up 95% CI	M
SD	M
SE Mean	M
C.V.	M
Minimum	M
1st Quarti	M
Median	M
3rd Quarti	M
Maximum	M

Descriptive Statistics for SITEIDA = JE00

	ALKT	BOD	CHLA	COND	DEPTH
N	9	9	10	10	10
Lo 95% CI	59.177	1.1960	0.8059	97.625	0.4369
Mean	75.000	1.8333	1.4600	140.20	0.5500
Up 95% CI	90.823	2.4707	2.1141	182.78	0.6631
SD	20.585	0.8292	0.9143	59.516	0.1581
SE Mean	6.8617	0.2764	0.2891	18.821	0.0500
C.V.	27.447	45.227	62.625	42.451	28.748
Minimum	44.000	1.5000	0.4000	56.000	0.5000
1st Quarti	53.500	1.5000	0.5000	81.500	0.5000
Median	82.000	1.5000	1.2500	162.50	0.5000
3rd Quarti	91.500	1.7500	2.4000	192.50	0.5000
Maximum	99.000	4.0000	2.9000	205.00	1.0000

	DOCON	DOPER	NH3	NO3	ORP
N	10	10	9	9	7
Lo 95% CI	9.4793	92.230	0.0339	0.0250	132.42
Mean	10.564	97.300	0.0550	0.0250	155.43

Up 95% CI	11.649	102.37	0.0761	0.0250	178.44
SD	1.5163	7.0879	0.0275	0.0000	24.879
SE Mean	0.4795	2.2414	9.167E-03	0.0000	9.4033
C.V.	14.354	7.2845	50.000	0.0000	16.007
Minimum	8.5200	78.700	0.0250	0.0250	120.00
1st Quarti	8.9800	96.575	0.0250	0.0250	141.00
Median	10.700	98.500	0.0500	0.0250	148.00
3rd Quarti	12.195	100.58	0.0800	0.0250	187.00
Maximum	12.590	105.40	0.1000	0.0250	189.00

	PH	PO4	PT	REDOX	SECCHI
N	10	9	9	6	0
Lo 95% CI	8.0299	0.0233	0.0291	130.18	M
Mean	8.2200	0.0761	0.1050	157.83	M
Up 95% CI	8.4101	0.1289	0.1809	185.48	M
SD	0.2658	0.0687	0.0987	26.347	M
SE Mean	0.0841	0.0229	0.0329	10.756	M
C.V.	3.2335	90.300	94.010	16.693	M
Minimum	7.7000	0.0150	0.0250	120.00	M
1st Quarti	8.0725	0.0250	0.0250	140.25	M
Median	8.2400	0.0700	0.0800	152.00	M
3rd Quarti	8.4275	0.0900	0.1800	187.50	M
Maximum	8.6300	0.2400	0.3000	189.00	M

	SPC	TEMP	TIN	TINPTRATI	TKN
N	10	10	9	9	9
Lo 95% CI	127.13	8.3771	0.0589	0.6269	0.0886
Mean	160.30	12.353	0.0800	1.7167	0.1444
Up 95% CI	193.47	16.329	0.1011	2.8064	0.2003
SD	46.368	5.5579	0.0275	1.4177	0.0726
SE Mean	14.663	1.7576	9.167E-03	0.4726	0.0242
C.V.	28.926	44.992	34.375	82.587	50.295
Minimum	89.000	5.3500	0.0500	0.1700	0.1000
1st Quarti	119.00	7.5475	0.0500	0.4900	0.1000
Median	181.00	11.895	0.0750	1.3100	0.1000
3rd Quarti	200.25	17.710	0.1050	2.9500	0.2000
Maximum	205.00	20.800	0.1250	4.2000	0.3000

	TNTP	TOTN	TSS	TURB	TVS
N	9	9	0	0	0
Lo 95% CI	0.6720	0.1136	M	M	M
Mean	3.6878	0.1694	M	M	M
Up 95% CI	6.7036	0.2253	M	M	M
SD	3.9235	0.0726	M	M	M
SE Mean	1.3078	0.0242	M	M	M
C.V.	106.39	42.874	M	M	M
Minimum	0.5682	0.1250	M	M	M
1st Quarti	0.8214	0.1250	M	M	M
Median	2.2500	0.1250	M	M	M
3rd Quarti	5.0000	0.2250	M	M	M
Maximum	13.000	0.3250	M	M	M

	TDS
N	0
Lo 95% CI	M
Mean	M
Up 95% CI	M

SD	M
SE Mean	M
C.V.	M
Minimum	M
1st Quartile	M
Median	M
3rd Quartile	M
Maximum	M

Descriptive Statistics for SITEIDA = KR17600

	ALKT	BOD	CHLA	COND	DEPTH
N	7	7	6	7	7
Lo 95% CI	72.125	1.2251	-2.0359	163.22	0.3514
Mean	76.286	2.5714	8.1500	183.29	0.5429
Up 95% CI	80.446	3.9177	18.336	203.35	0.7343
SD	4.4987	1.4557	9.7060	21.693	0.2070
SE Mean	1.7003	0.5502	3.9625	8.1991	0.0782
C.V.	5.8971	56.610	119.09	11.835	38.135
Minimum	68.000	1.5000	2.0000	151.00	0.4000
1st Quartile	75.000	1.5000	2.3000	158.00	0.4000
Median	76.000	1.5000	3.6500	186.00	0.5000
3rd Quartile	80.000	4.0000	14.400	202.00	0.5000
Maximum	82.000	5.0000	27.000	207.00	1.0000

	DOCON	DOPER	NH3	NO3	ORP
N	7	7	7	7	6
Lo 95% CI	9.4336	101.03	0.0483	0.0489	81.397
Mean	10.560	114.59	0.0957	0.1586	119.67
Up 95% CI	11.686	128.14	0.1431	0.2683	157.94
SD	1.2179	14.660	0.0513	0.1186	36.467
SE Mean	0.4603	5.5409	0.0194	0.0448	14.888
C.V.	11.533	12.794	53.565	74.810	30.474
Minimum	8.1600	84.900	0.0400	0.0250	52.000
1st Quartile	10.250	108.20	0.0600	0.0250	94.750
Median	10.710	117.80	0.0900	0.2100	132.00
3rd Quartile	11.220	123.00	0.1300	0.2300	141.75
Maximum	12.050	129.40	0.1900	0.3300	156.00

	PH	PO4	PT	REDOX	SECCHI
N	7	7	7	6	0
Lo 95% CI	8.1653	0.1217	0.1338	81.397	M
Mean	8.5871	0.1500	0.1700	119.67	M
Up 95% CI	9.0090	0.1783	0.2062	157.94	M
SD	0.4561	0.0306	0.0392	36.467	M
SE Mean	0.1724	0.0115	0.0148	14.888	M
C.V.	5.3118	20.367	23.034	30.474	M
Minimum	7.7000	0.1000	0.1200	52.000	M
1st Quartile	8.4400	0.1300	0.1500	94.750	M
Median	8.8000	0.1600	0.1600	132.00	M
3rd Quartile	8.8100	0.1800	0.2000	141.75	M
Maximum	9.1100	0.1800	0.2400	156.00	M

	SPC	TEMP	TIN	TINPTRATI	TKN
N	7	7	7	7	7
Lo 95% CI	174.34	14.849	0.1083	0.6456	0.4900

Mean	189.14	19.417	0.2543	1.6014	0.6857
Up 95% CI	203.94	23.985	0.4003	2.5572	0.8814
SD	16.004	4.9389	0.1579	1.0335	0.2116
SE Mean	6.0491	1.8667	0.0597	0.3906	0.0800
C.V.	8.4616	25.436	62.080	64.535	30.854
Minimum	162.00	10.560	0.0650	0.2700	0.4000
1st Quarti	178.00	17.030	0.0850	0.5300	0.5000
Median	196.00	20.100	0.3000	2.0000	0.7000
3rd Quarti	202.00	23.790	0.4200	2.4700	0.9000
Maximum	207.00	24.920	0.4300	2.9200	1.0000

	TNTP	TOTN	TSS	TURB	TVS
N	7	7	0	0	0
Lo 95% CI	3.3383	0.6321	M	M	M
Mean	5.1478	0.8443	M	M	M
Up 95% CI	6.9573	1.0564	M	M	M
SD	1.9565	0.2294	M	M	M
SE Mean	0.7395	0.0867	M	M	M
C.V.	38.007	27.170	M	M	M
Minimum	3.1333	0.4700	M	M	M
1st Quarti	4.2708	0.7100	M	M	M
Median	4.7333	0.8300	M	M	M
3rd Quarti	5.1500	1.0300	M	M	M
Maximum	9.3333	1.1200	M	M	M

	TDS
N	0
Lo 95% CI	M
Mean	M
Up 95% CI	M
SD	M
SE Mean	M
C.V.	M
Minimum	M
1st Quarti	M
Median	M
3rd Quarti	M
Maximum	M

Descriptive Statistics for SITEIDA = KR18973

	ALKT	BOD	CHLA	COND	DEPTH
N	26	31	33	37	40
Lo 95% CI	72.633	2.3956	5.0903	137.01	0.4887
Mean	78.392	3.2903	7.4394	148.24	0.4975
Up 95% CI	84.151	4.1851	9.7885	159.48	0.5063
SD	14.258	2.4393	6.6250	33.695	0.0276
SE Mean	2.7963	0.4381	1.1533	5.5394	4.367E-03
C.V.	18.188	74.136	89.053	22.730	5.5516
Minimum	56.000	0.6000	0.0000	85.000	0.4000
1st Quarti	67.250	2.0000	2.3500	122.50	0.5000
Median	79.500	3.0000	5.1000	145.00	0.5000
3rd Quarti	86.900	3.0000	11.100	174.00	0.5000
Maximum	107.00	14.000	29.000	211.00	0.6000

	DOCON	DOPER	NH3	NO3	ORP
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N	38	27	33	34	25
Lo 95% CI	8.1586	87.417	0.0802	0.2404	169.55
Mean	8.7579	92.844	0.1057	0.3194	210.76
Up 95% CI	9.3572	98.272	0.1311	0.3983	251.97
SD	1.8233	13.721	0.0718	0.2263	99.826
SE Mean	0.2958	2.6405	0.0125	0.0388	19.965
C.V.	20.819	14.778	67.924	70.874	47.365
Minimum	5.9100	65.500	0.0500	0.0250	54.000
1st Quarti	7.2950	86.500	0.0600	0.1350	148.50
Median	8.6150	93.400	0.0800	0.2545	174.00
3rd Quarti	10.190	103.80	0.1200	0.5230	306.00
Maximum	12.830	121.00	0.3000	0.9100	404.00

	PH	PO4	PT	REDOX	SECCHI
N	38	33	34	16	0
Lo 95% CI	7.6386	0.1225	0.1514	189.00	M
Mean	7.8161	0.1502	0.1814	246.63	M
Up 95% CI	7.9935	0.1778	0.2114	304.25	M
SD	0.5400	0.0780	0.0860	108.15	M
SE Mean	0.0876	0.0136	0.0147	27.037	M
C.V.	6.9086	51.908	47.392	43.851	M
Minimum	6.8000	0.0000	0.0300	54.000	M
1st Quarti	7.4300	0.1055	0.1260	151.75	M
Median	7.7450	0.1500	0.1700	299.50	M
3rd Quarti	8.2900	0.1800	0.2025	328.00	M
Maximum	9.1600	0.3600	0.4100	404.00	M

	SPC	TEMP	TIN	TINPTRATI	TKN
N	38	39	34	34	33
Lo 95% CI	167.86	14.428	0.3454	2.1237	0.7147
Mean	178.24	16.182	0.4219	3.1824	0.9727
Up 95% CI	188.61	17.937	0.4985	4.2410	1.2308
SD	31.573	5.4128	0.2194	3.0340	0.7277
SE Mean	5.1218	0.8667	0.0376	0.5203	0.1267
C.V.	17.714	33.449	52.002	95.339	74.810
Minimum	114.00	4.0400	0.0850	0.4500	0.2000
1st Quarti	162.75	11.340	0.2450	1.2275	0.7000
Median	179.00	17.350	0.3945	2.4000	0.8000
3rd Quarti	201.50	21.290	0.5847	4.2600	1.0250
Maximum	240.00	23.000	0.9900	14.310	4.5000

	TNTP	TOTN	TSS	TURB	TVS
N	33	33	8	8	8
Lo 95% CI	6.4842	1.0320	0.2568	1.5298	-0.3187
Mean	9.2833	1.2981	2.2750	3.1037	1.1250
Up 95% CI	12.082	1.5642	4.2932	4.6777	2.5687
SD	7.8939	0.7505	2.4141	1.8827	1.7269
SE Mean	1.3742	0.1307	0.8535	0.6656	0.6105
C.V.	85.034	57.817	106.11	60.659	153.50
Minimum	1.1538	0.3000	0.0000	1.4400	0.0000
1st Quarti	4.1152	0.9215	0.2500	1.6850	0.0000
Median	7.7119	1.2700	1.5000	2.3150	0.5000
3rd Quarti	11.692	1.5200	4.0000	5.2400	1.7500
Maximum	43.967	4.7800	7.0000	6.1000	5.0000

	TDS
N	13

Lo 95% CI	113.82
Mean	127.92
Up 95% CI	142.03
SD	23.343
SE Mean	6.4743
C.V.	18.248
Minimum	76.000
1st Quartile	125.50
Median	131.00
3rd Quartile	141.00
Maximum	159.00

Descriptive Statistics for SITEIDA = KR19019E

	ALKT	BOD	CHLA	COND	DEPTH
N	15	25	27	292	302
Lo 95% CI	62.476	2.5047	5.0793	137.48	3.6626
Mean	69.067	3.9400	10.319	141.43	3.9526
Up 95% CI	75.657	5.3753	15.558	145.38	4.2427
SD	11.901	3.4771	13.244	34.317	2.5612
SE Mean	3.0729	0.6954	2.5488	2.0082	0.1474
C.V.	17.231	88.250	128.35	24.264	64.796
Minimum	55.000	1.0000	1.0000	51.000	0.0000
1st Quartile	60.000	1.5000	3.0000	118.00	2.0000
Median	70.000	3.0000	6.3000	141.00	4.0000
3rd Quartile	77.000	4.5000	10.000	164.00	6.0000
Maximum	100.00	14.000	58.000	226.00	8.0000

	DOCON	DOPER	NH3	NO3	ORP
N	302	259	23	27	148
Lo 95% CI	8.4021	83.600	0.0615	0.1827	155.15
Mean	8.7173	87.262	0.0898	0.2690	161.16
Up 95% CI	9.0324	90.924	0.1181	0.3553	167.17
SD	2.7827	29.927	0.0655	0.2182	36.991
SE Mean	0.1601	1.8596	0.0137	0.0420	3.0407
C.V.	31.922	34.296	72.938	81.118	22.953
Minimum	1.9100	16.800	0.0250	-4.000E-03	55.000
1st Quartile	6.7100	64.300	0.0500	0.0600	133.25
Median	9.2000	86.800	0.0700	0.2300	175.50
3rd Quartile	10.463	105.60	0.1000	0.3980	188.00
Maximum	16.850	204.30	0.2800	0.6900	214.00

	PH	PO4	PT	REDOX	SECCHI
N	302	27	27	84	25
Lo 95% CI	8.0103	0.1049	0.1429	152.04	1.9093
Mean	8.0769	0.1334	0.1881	160.08	2.3088
Up 95% CI	8.1435	0.1619	0.2334	168.13	2.7083
SD	0.5881	0.0719	0.1143	37.062	0.9679
SE Mean	0.0338	0.0138	0.0220	4.0438	0.1936
C.V.	7.2813	53.932	60.768	23.152	41.922
Minimum	6.7400	-0.0110	0.0200	55.000	0.8500
1st Quartile	7.6375	0.0900	0.1200	129.00	1.6250
Median	8.0250	0.1300	0.1600	176.00	2.2800
3rd Quartile	8.5800	0.1600	0.1900	183.00	3.2250
Maximum	9.7100	0.3200	0.4400	214.00	4.2000

	SPC	TEMP	TIN	TINPTRATI	TKN
N	302	302	27	27	26
Lo 95% CI	167.27	15.370	0.2542	1.3637	0.7883
Mean	170.89	15.992	0.3455	3.0407	0.9796
Up 95% CI	174.51	16.615	0.4367	4.7178	1.1710
SD	31.940	5.5005	0.2306	4.2395	0.4738
SE Mean	1.8379	0.3165	0.0444	0.8159	0.0929
C.V.	18.690	34.394	66.755	139.42	48.363
Minimum	57.000	3.8700	0.0500	0.1100	0.3000
1st Quarti	154.75	11.735	0.1600	0.7700	0.6750
Median	174.00	16.125	0.2900	1.6500	0.9000
3rd Quarti	190.00	20.445	0.5700	3.7100	1.1075
Maximum	262.00	26.450	0.8100	21.680	2.1200

	TNTP	TOTN	TSS	TURB	TVS
N	26	26	6	6	6
Lo 95% CI	4.1577	1.0491	-0.0675	1.0924	0.0624
Mean	12.123	1.2505	2.2333	3.8067	1.3333
Up 95% CI	20.089	1.4520	4.5341	6.5209	2.6043
SD	19.721	0.4988	2.1924	2.5864	1.2111
SE Mean	3.8676	0.0978	0.8950	1.0559	0.4944
C.V.	162.67	39.889	98.168	67.943	90.830
Minimum	1.4205	0.5250	0.0000	2.0600	0.0000
1st Quarti	4.1673	0.9975	0.7500	2.0900	0.0000
Median	7.6899	1.2050	2.0000	2.2900	1.5000
3rd Quarti	12.958	1.4025	3.1000	6.5750	2.2500
Maximum	104.25	2.4950	6.4000	8.0000	3.0000

	TDS
N	0
Lo 95% CI	M
Mean	M
Up 95% CI	M
SD	M
SE Mean	M
C.V.	M
Minimum	M
1st Quarti	M
Median	M
3rd Quarti	M
Maximum	M

Descriptive Statistics for SITEIDA = KR19019H

	ALKT	BOD	CHLA	COND	DEPTH
N	13	24	13	382	386
Lo 95% CI	60.714	1.3607	-0.6221	128.65	29.509
Mean	67.308	1.7917	6.1462	131.24	30.187
Up 95% CI	73.902	2.2226	12.914	133.82	30.865
SD	10.912	1.0206	11.200	25.721	6.7752
SE Mean	3.0263	0.2083	3.1064	1.3160	0.3448
C.V.	16.212	56.965	182.23	19.599	22.444
Minimum	32.000	0.0000	0.0000	84.000	20.000
1st Quarti	67.500	1.1250	0.2500	117.00	24.000
Median	70.000	1.5000	1.0000	127.00	30.000
3rd Quarti	71.500	3.0000	6.5000	143.00	36.000

Maximum	76.000	3.0000	32.000	320.00	45.000
	DOCON	DOPER	NH3	NO3	ORP
N	386	319	24	28	208
Lo 95% CI	3.6945	30.011	0.0752	0.4906	183.53
Mean	4.0394	33.106	0.1002	0.5474	192.79
Up 95% CI	4.3844	36.201	0.1253	0.6042	202.04
SD	3.4470	28.097	0.0593	0.1466	67.693
SE Mean	0.1754	1.5731	0.0121	0.0277	4.6937
C.V.	85.334	84.870	59.168	26.780	35.113
Minimum	0.0400	0.3000	0.0250	0.2800	-129.00
1st Quartile	0.5050	4.0000	0.0525	0.4300	174.25
Median	3.7050	31.000	0.0900	0.5770	216.50
3rd Quartile	6.2850	53.500	0.1300	0.6678	229.00
Maximum	12.000	99.900	0.2200	0.8500	269.00
	PH	PO4	PT	REDOX	SECCHI
N	386	28	28	107	0
Lo 95% CI	7.1621	0.0967	0.1293	190.31	M
Mean	7.2012	0.1296	0.1721	203.27	M
Up 95% CI	7.2403	0.1625	0.2149	216.23	M
SD	0.3908	0.0849	0.1105	67.618	M
SE Mean	0.0199	0.0161	0.0209	6.5369	M
C.V.	5.4274	65.538	64.197	33.265	M
Minimum	6.1600	-0.0220	0.0400	-67.000	M
1st Quartile	7.0600	0.0690	0.0930	185.00	M
Median	7.2750	0.1410	0.1455	229.00	M
3rd Quartile	7.4100	0.1800	0.2250	256.00	M
Maximum	8.4300	0.3400	0.4800	269.00	M
	SPC	TEMP	TIN	TINPTRATI	TKN
N	386	386	28	28	25
Lo 95% CI	193.04	7.2620	0.5827	3.8850	0.5391
Mean	196.92	7.4204	0.6333	5.5243	0.6384
Up 95% CI	200.80	7.5788	0.6839	7.1636	0.7377
SD	38.756	1.5828	0.1305	4.2276	0.2405
SE Mean	1.9726	0.0806	0.0247	0.7989	0.0481
C.V.	19.681	21.331	20.601	76.527	37.677
Minimum	133.00	3.8800	0.3100	1.2000	0.2000
1st Quartile	172.00	6.5300	0.5450	2.4475	0.5000
Median	191.00	7.0600	0.6325	4.5200	0.6000
3rd Quartile	214.00	8.0500	0.7368	6.7075	0.7050
Maximum	474.00	15.140	0.8500	18.330	1.3000
	TNTP	TOTN	TSS	TURB	TVS
N	25	25	9	9	9
Lo 95% CI	6.4376	1.0413	0.7230	2.5519	0.2392
Mean	10.997	1.1674	1.5111	2.9800	0.9889
Up 95% CI	15.556	1.2935	2.2992	3.4081	1.7385
SD	11.045	0.3055	1.0252	0.5569	0.9752
SE Mean	2.2089	0.0611	0.3417	0.1856	0.3251
C.V.	100.44	26.168	67.847	18.688	98.621
Minimum	2.1042	0.7200	0.0000	2.3100	0.0000
1st Quartile	4.2971	0.9850	1.0000	2.4500	0.0000
Median	7.2143	1.0600	1.0000	2.9000	1.0000
3rd Quartile	11.753	1.3020	2.0000	3.3700	1.5000
Maximum	48.250	1.9300	3.6000	4.0000	2.9000

	TDS
N	0
Lo 95% CI	M
Mean	M
Up 95% CI	M
SD	M
SE Mean	M
C.V.	M
Minimum	M
1st Quartile	M
Median	M
3rd Quartile	M
Maximum	M

Descriptive Statistics for SITEIDA = KR19019M

	ALKT	BOD	CHLA	COND	DEPTH
N	11	18	14	216	225
Lo 95% CI	49.401	1.8869	0.6481	129.76	12.997
Mean	63.545	2.5278	3.9357	133.54	13.421
Up 95% CI	77.690	3.1687	7.2233	137.32	13.846
SD	21.054	1.2888	5.6939	28.208	3.2322
SE Mean	6.3480	0.3038	1.5218	1.9193	0.2155
C.V.	33.132	50.985	144.67	21.123	24.083
Minimum	5.0000	0.0000	0.0000	4.7000	8.0000
1st Quartile	64.000	1.5000	0.0000	115.00	10.000
Median	65.000	3.0000	1.7500	127.50	14.000
3rd Quartile	70.000	3.0000	6.2500	156.75	16.000
Maximum	90.000	6.0000	20.000	207.00	25.000

	DOCON	DOPER	NH3	NO3	ORP
N	224	192	17	20	113
Lo 95% CI	5.3069	49.037	0.0450	0.2788	185.46
Mean	5.7422	53.020	0.1268	0.3571	192.66
Up 95% CI	6.1775	57.004	0.2085	0.4354	199.87
SD	3.3057	27.984	0.1590	0.1673	38.644
SE Mean	0.2209	2.0196	0.0386	0.0374	3.6353
C.V.	57.569	52.780	125.42	46.862	20.058
Minimum	0.0900	0.9000	0.0250	0.1500	95.000
1st Quartile	2.7950	30.550	0.0650	0.2075	169.00
Median	6.0750	57.600	0.0900	0.3350	202.00
3rd Quartile	8.3650	76.300	0.1100	0.5355	216.50
Maximum	12.720	106.20	0.7300	0.6600	254.00

	PH	PO4	PT	REDOX	SECCHI
N	224	20	20	64	0
Lo 95% CI	7.4659	0.1213	0.1372	189.24	M
Mean	7.5284	0.1584	0.1873	199.05	M
Up 95% CI	7.5910	0.1956	0.2374	208.85	M
SD	0.4751	0.0795	0.1070	39.256	M
SE Mean	0.0317	0.0178	0.0239	4.9070	M
C.V.	6.3112	50.149	57.123	19.722	M
Minimum	6.3000	-0.0130	0.0480	97.000	M
1st Quartile	7.3500	0.1200	0.1150	183.25	M
Median	7.5350	0.1550	0.1650	205.50	M

3rd Quarti	7.7275	0.1900	0.2190	229.00	M
Maximum	9.9200	0.3800	0.5000	254.00	M

	SPC	TEMP	TIN	TINPTRATI	TKN
N	223	224	20	20	19
Lo 95% CI	171.23	12.371	0.3690	2.0591	0.4612
Mean	175.17	12.941	0.4648	3.6185	0.5858
Up 95% CI	179.11	13.512	0.5607	5.1779	0.7104
SD	29.858	4.3334	0.2047	3.3320	0.2585
SE Mean	1.9994	0.2895	0.0458	0.7451	0.0593
C.V.	17.045	33.485	44.039	92.081	44.133
Minimum	114.00	3.8700	0.1750	0.6500	0.2000
1st Quarti	162.00	9.8725	0.2950	1.3500	0.4000
Median	176.00	12.545	0.3970	2.6100	0.6000
3rd Quarti	189.00	16.378	0.6390	4.0825	0.7000
Maximum	270.00	20.990	0.9900	13.540	1.2300

	TNTP	TOTN	TSS	TURB	TVS
N	19	19	3	3	3
Lo 95% CI	3.4414	0.7665	-2.3863	0.8219	-1.4841
Mean	7.3821	0.9320	2.0667	4.0567	1.0000
Up 95% CI	11.323	1.0975	6.5197	7.2914	3.4841
SD	8.1760	0.3433	1.7926	1.3022	1.0000
SE Mean	1.8757	0.0788	1.0349	0.7518	0.5774
C.V.	110.75	36.835	86.738	32.099	100.00
Minimum	1.9167	0.4600	0.0000	2.8000	0.0000
1st Quarti	2.8095	0.5900	0.0000	2.8000	0.0000
Median	4.6500	0.9300	3.0000	3.9700	1.0000
3rd Quarti	8.4545	1.1600	3.2000	5.4000	2.0000
Maximum	37.833	1.8160	3.2000	5.4000	2.0000

	TDS
N	0
Lo 95% CI	M
Mean	M
Up 95% CI	M
SD	M
SE Mean	M
C.V.	M
Minimum	M
1st Quarti	M
Median	M
3rd Quarti	M
Maximum	M

Descriptive Statistics for SITEIDA = KR19645

	ALKT	BOD	CHLA	COND	DEPTH
N	9	17	18	18	19
Lo 95% CI	68.350	1.6389	1.2899	128.10	0.5883
Mean	73.111	2.5453	10.967	141.56	0.7105
Up 95% CI	77.872	3.4517	20.643	155.02	0.8328
SD	6.1936	1.7629	19.459	27.067	0.2536
SE Mean	2.0645	0.4276	4.5865	6.3797	0.0582
C.V.	8.4715	69.262	177.44	19.121	35.696
Minimum	65.000	0.4700	1.0000	94.000	0.5000

1st Quartile	68.000	1.2500	1.8750	122.50	0.5000
Median	71.000	2.0000	3.6500	136.00	0.5000
3rd Quartile	79.000	3.5000	11.125	161.75	1.0000
Maximum	83.000	6.0000	81.700	189.00	1.0000

	DOCON	DOPER	NH3	NO3	ORP
N	19	18	17	17	15
Lo 95% CI	7.8057	79.714	0.0938	0.2244	127.54
Mean	8.5063	84.611	0.1270	0.3148	146.13
Up 95% CI	9.2069	89.509	0.1602	0.4053	164.73
SD	1.4536	9.8484	0.0645	0.1759	33.577
SE Mean	0.3335	2.3213	0.0156	0.0427	8.6695
C.V.	17.088	11.640	50.782	55.885	22.977
Minimum	5.9800	59.100	0.0250	0.0250	91.000
1st Quartile	7.1800	79.825	0.0800	0.1750	111.00
Median	8.3800	87.150	0.1100	0.2650	144.00
3rd Quartile	9.8300	90.625	0.1735	0.5000	177.00
Maximum	10.780	99.600	0.2600	0.5990	194.00

	PH	PO4	PT	REDOX	SECCHI
N	19	16	17	6	0
Lo 95% CI	7.7563	0.0956	0.1318	94.698	M
Mean	7.9368	0.1425	0.1825	135.00	M
Up 95% CI	8.1174	0.1894	0.2333	175.30	M
SD	0.3746	0.0881	0.0988	38.403	M
SE Mean	0.0859	0.0220	0.0240	15.678	M
C.V.	4.7195	61.828	54.104	28.447	M
Minimum	7.3600	0.0140	1.000E-03	97.000	M
1st Quartile	7.6100	0.0923	0.1335	103.00	M
Median	7.9500	0.1335	0.1700	122.00	M
3rd Quartile	8.1000	0.1950	0.2400	180.00	M
Maximum	8.7400	0.3700	0.4100	186.00	M

	SPC	TEMP	TIN	TINPTRATI	TKN
N	19	19	17	16	17
Lo 95% CI	161.23	12.994	0.3281	1.3776	0.7351
Mean	175.47	15.413	0.4418	3.3444	0.8559
Up 95% CI	189.71	17.832	0.5556	5.3111	0.9767
SD	29.544	5.0195	0.2212	3.6909	0.2349
SE Mean	6.7777	1.1516	0.0537	0.9227	0.0570
C.V.	16.836	32.567	50.074	110.36	27.451
Minimum	109.00	7.1500	0.1050	0.5600	0.6000
1st Quartile	158.00	10.190	0.2610	0.9150	0.6650
Median	175.00	15.120	0.3900	1.9700	0.8000
3rd Quartile	194.00	20.340	0.6545	4.6875	1.0400
Maximum	243.00	21.760	0.8200	15.380	1.3400

	TNTP	TOTN	TSS	TURB	TVS
N	17	17	7	8	7
Lo 95% CI	-69.427	0.9875	1.7094	2.6156	-0.6885
Mean	77.849	1.1707	3.1714	4.3275	1.0000
Up 95% CI	225.13	1.3539	4.6335	6.0394	2.6885
SD	286.44	0.3564	1.5808	2.0477	1.8257
SE Mean	69.473	0.0864	0.5975	0.7240	0.6901
C.V.	367.95	30.439	49.846	47.318	182.57
Minimum	2.0976	0.6250	1.0000	1.6800	0.0000
1st Quartile	4.4305	0.8710	2.0000	2.4450	0.0000

Median	5.1579	1.0800	3.0000	3.9350	0.0000
3rd Quarti	11.625	1.5025	4.8000	6.5350	1.0000
Maximum	1189.0	1.8400	5.0000	7.0300	5.0000

TDS

N	0
Lo 95% CI	M
Mean	M
Up 95% CI	M
SD	M
SE Mean	M
C.V.	M
Minimum	M
1st Quarti	M
Median	M
3rd Quarti	M
Maximum	M

Descriptive Statistics for SITEIDA = KR19874E

	ALKT	BOD	CHLA	COND	DEPTH
N	14	25	27	322	333
Lo 95% CI	63.799	3.2314	6.1821	138.22	4.0415
Mean	68.857	7.2600	10.741	141.80	4.3426
Up 95% CI	73.915	11.289	15.299	145.37	4.6438
SD	8.7606	9.7597	11.524	32.564	2.7933
SE Mean	2.3414	1.9519	2.2177	1.8147	0.1531
C.V.	12.723	134.43	107.29	22.966	64.323
Minimum	54.000	1.5000	0.0000	80.000	0.0000
1st Quarti	61.000	2.5000	3.4000	115.75	2.0000
Median	70.000	3.0000	6.1000	145.00	4.0000
3rd Quarti	75.500	7.5000	13.100	159.25	7.0000
Maximum	84.000	42.000	44.800	247.00	9.0000

	DOCON	DOPER	NH3	NO3	ORP
N	333	291	26	26	174
Lo 95% CI	8.9381	89.160	0.0693	0.2410	155.94
Mean	9.1370	91.501	0.0981	0.3335	161.72
Up 95% CI	9.3360	93.843	0.1270	0.4260	167.50
SD	1.8454	20.293	0.0714	0.2291	38.611
SE Mean	0.1011	1.1896	0.0140	0.0449	2.9271
C.V.	20.197	22.177	72.780	68.686	23.876
Minimum	0.0600	0.5000	0.0250	0.0250	59.000
1st Quarti	8.0950	81.500	0.0500	0.1457	137.75
Median	9.1300	89.300	0.0850	0.3120	166.00
3rd Quarti	10.040	98.800	0.1200	0.4940	188.25
Maximum	17.120	205.70	0.3900	0.8800	226.00

	PH	PO4	PT	REDOX	SECCHI
N	333	26	26	104	25
Lo 95% CI	8.1485	0.1054	0.1632	148.21	1.5599
Mean	8.1988	0.1367	0.2241	155.54	1.9140
Up 95% CI	8.2490	0.1680	0.2849	162.86	2.2681
SD	0.4660	0.0775	0.1507	37.668	0.8580
SE Mean	0.0255	0.0152	0.0296	3.6936	0.1716
C.V.	5.6834	56.705	67.253	24.218	44.825

Minimum	7.2600	-0.0190	0.0400	59.000	0.5000
1st Quarti	7.8300	0.0900	0.1400	124.50	1.4000
Median	8.2400	0.1400	0.1750	155.50	2.0000
3rd Quarti	8.5900	0.1825	0.3025	183.75	2.6400
Maximum	9.1600	0.3100	0.7000	226.00	3.4000

	SPC	TEMP	TIN	TINPTRATI	TKN
N	333	333	26	26	26
Lo 95% CI	169.04	15.210	0.3371	1.8881	0.8685
Mean	172.54	15.763	0.4316	3.0404	1.1288
Up 95% CI	176.04	16.316	0.5261	4.1926	1.3892
SD	32.482	5.1280	0.2340	2.8527	0.6446
SE Mean	1.7800	0.2810	0.0459	0.5595	0.1264
C.V.	18.826	32.532	54.214	93.828	57.106
Minimum	90.000	3.6600	0.0500	0.2400	0.6000
1st Quarti	152.50	13.125	0.2538	1.0200	0.7000
Median	178.00	15.340	0.4160	2.3000	0.9500
3rd Quarti	190.00	20.075	0.6340	4.1175	1.2000
Maximum	284.00	24.780	1.0000	11.000	3.8000

	TNTP	TOTN	TSS	TURB	TVS
N	26	26	6	6	6
Lo 95% CI	6.3063	1.1503	-70.828	-41.571	-48.494
Mean	9.7394	1.4623	48.300	35.052	33.167
Up 95% CI	13.173	1.7744	167.43	111.67	114.83
SD	8.4998	0.7725	113.52	73.013	77.814
SE Mean	1.6670	0.1515	46.343	29.807	31.767
C.V.	87.272	52.824	235.02	208.30	234.61
Minimum	1.3286	0.7250	1.0000	2.2500	1.0000
1st Quarti	4.2101	1.0548	1.0000	3.5175	1.0000
Median	7.5443	1.2500	1.9000	5.2800	1.5000
3rd Quarti	11.307	1.6378	73.000	53.170	49.500
Maximum	36.050	4.5900	280.00	184.00	192.00

	TDS
N	0
Lo 95% CI	M
Mean	M
Up 95% CI	M
SD	M
SE Mean	M
C.V.	M
Minimum	M
1st Quarti	M
Median	M
3rd Quarti	M
Maximum	M

Descriptive Statistics for SITEIDA = KR19874H

	ALKT	BOD	CHLA	COND	DEPTH
N	15	26	14	217	221
Lo 95% CI	67.408	3.2779	-1.5270	131.49	24.081
Mean	71.800	4.3462	4.6000	135.16	24.544
Up 95% CI	76.192	5.4144	10.727	138.82	25.007
SD	7.9301	2.6449	10.612	27.385	3.4928

SE Mean	2.0475	0.5187	2.8361	1.8590	0.2350
C.V.	11.045	60.856	230.69	20.261	14.231
Minimum	57.000	1.5000	0.0000	82.000	8.0000
1st Quarti	69.000	3.0000	0.8500	119.00	22.000
Median	71.000	3.5000	1.2500	130.00	24.000
3rd Quarti	78.000	5.0000	3.4000	153.00	28.000
Maximum	84.000	12.000	41.000	210.00	32.000

	DOCON	DOPER	NH3	NO3	ORP
N	221	188	27	26	121
Lo 95% CI	2.9047	26.179	0.3836	0.2556	94.804
Mean	3.4224	30.966	0.5481	0.3969	117.43
Up 95% CI	3.9402	35.754	0.7127	0.5383	140.06
SD	3.9057	33.273	0.4160	0.3499	125.70
SE Mean	0.2627	2.4267	0.0801	0.0686	11.428
C.V.	114.12	107.45	75.886	88.155	107.05
Minimum	0.0500	0.5000	0.0800	1.000E-03	-125.00
1st Quarti	0.1400	1.1000	0.1790	0.0650	-13.500
Median	1.2800	12.700	0.4200	0.3530	197.00
3rd Quarti	6.6150	64.150	0.9500	0.5675	220.00
Maximum	12.270	103.50	1.6000	1.2300	255.00

	PH	PO4	PT	REDOX	SECCHI
N	221	27	27	69	0
Lo 95% CI	7.2525	0.2456	0.3245	84.843	M
Mean	7.3082	0.3356	0.4317	116.45	M
Up 95% CI	7.3639	0.4256	0.5389	148.06	M
SD	0.4201	0.2276	0.2710	131.57	M
SE Mean	0.0283	0.0438	0.0521	15.839	M
C.V.	5.7485	67.807	62.762	112.98	M
Minimum	6.0800	0.0300	0.0300	-125.00	M
1st Quarti	7.1000	0.1400	0.2400	-17.500	M
Median	7.2900	0.2900	0.4600	211.00	M
3rd Quarti	7.5000	0.4530	0.5500	228.00	M
Maximum	9.8000	0.9400	1.3500	255.00	M

	SPC	TEMP	TIN	TINPTRATI	TKN
N	221	221	27	27	27
Lo 95% CI	181.93	10.159	0.7596	2.0789	1.0857
Mean	186.33	10.507	0.9304	3.3089	1.2800
Up 95% CI	190.72	10.855	1.1012	4.5388	1.4743
SD	33.168	2.6260	0.4318	3.1092	0.4913
SE Mean	2.2311	0.1766	0.0831	0.5984	0.0945
C.V.	17.801	24.993	46.407	93.964	38.379
Minimum	121.00	3.7300	0.4200	0.9500	0.6000
1st Quarti	170.00	8.8750	0.5980	1.4500	1.0000
Median	183.00	11.080	0.8000	2.0100	1.2000
3rd Quarti	199.00	12.260	1.0650	4.1300	1.5000
Maximum	277.00	20.960	2.1000	15.060	2.6000

	TNTP	TOTN	TSS	TURB	TVS
N	26	26	6	6	6
Lo 95% CI	3.3204	1.4428	0.8842	2.9115	-0.1985
Mean	7.4511	1.6262	2.3000	5.2250	0.8333
Up 95% CI	11.582	1.8095	3.7158	7.5385	1.8651
SD	10.227	0.4540	1.3491	2.2045	0.9832
SE Mean	2.0056	0.0890	0.5508	0.9000	0.4014

C.V.	137.25	27.918	58.655	42.191	117.98
Minimum	1.6739	0.7700	0.0000	2.4700	0.0000
1st Quarti	2.8237	1.2550	1.5000	3.1750	0.0000
Median	3.9861	1.5050	2.4000	5.0350	0.5000
3rd Quarti	6.5701	1.9000	3.2500	7.5500	2.0000
Maximum	50.667	2.6500	4.0000	8.0000	2.0000

	TDS
N	0
Lo 95% CI	M
Mean	M
Up 95% CI	M
SD	M
SE Mean	M
C.V.	M
Minimum	M
1st Quarti	M
Median	M
3rd Quarti	M
Maximum	M

Descriptive Statistics for SITEIDA = KR19874M

	ALKT	BOD	CHLA	COND	DEPTH
N	9	17	14	194	200
Lo 95% CI	64.318	2.0322	1.0775	133.31	13.563
Mean	71.111	2.6471	3.4500	137.59	13.957
Up 95% CI	77.905	3.2619	5.8225	141.87	14.350
SD	8.8380	1.1959	4.1090	30.225	2.8208
SE Mean	2.9460	0.2900	1.0982	2.1701	0.1995
C.V.	12.429	45.178	119.10	21.968	20.211
Minimum	55.000	1.0000	0.0000	82.000	9.4000
1st Quarti	64.500	1.5000	0.5750	113.75	12.000
Median	74.000	3.0000	2.2000	136.50	14.000
3rd Quarti	80.000	3.0000	4.6250	158.00	16.000
Maximum	80.000	6.0000	15.000	242.00	18.000

	DOCON	DOPER	NH3	NO3	ORP
N	200	170	19	19	105
Lo 95% CI	5.6170	53.361	0.1118	0.2756	186.69
Mean	6.0806	57.664	0.1887	0.3778	192.29
Up 95% CI	6.5443	61.967	0.2656	0.4800	197.88
SD	3.3252	28.420	0.1595	0.2120	28.905
SE Mean	0.2351	2.1797	0.0366	0.0486	2.8208
C.V.	54.685	49.285	84.530	56.119	15.032
Minimum	0.0700	0.6000	0.0550	0.0500	100.00
1st Quarti	3.4250	36.950	0.0900	0.2300	180.50
Median	6.6950	66.900	0.1400	0.3300	198.00
3rd Quarti	8.4975	78.875	0.2900	0.5600	216.00
Maximum	12.360	104.50	0.7300	0.8200	239.00

	PH	PO4	PT	REDOX	SECCHI
N	200	19	19	60	0
Lo 95% CI	7.5927	0.1332	0.1749	181.55	M
Mean	7.6407	0.1926	0.2589	189.62	M
Up 95% CI	7.6887	0.2519	0.3429	197.68	M

SD	0.3442	0.1232	0.1743	31.211	M
SE Mean	0.0243	0.0283	0.0400	4.0293	M
C.V.	4.5049	63.956	67.338	16.460	M
Minimum	6.6000	0.0300	0.0200	100.00	M
1st Quarti	7.4300	0.1100	0.1700	162.75	M
Median	7.6700	0.1500	0.2200	195.50	M
3rd Quarti	7.8400	0.2800	0.2900	212.00	M
Maximum	8.6200	0.5800	0.7100	239.00	M

	SPC	TEMP	TIN	TINPTRATI	TKN
N	200	200	19	19	19
Lo 95% CI	171.94	12.879	0.4584	1.6920	0.6330
Mean	176.60	13.482	0.5665	3.7726	0.7726
Up 95% CI	181.27	14.085	0.6746	5.8533	0.9123
SD	33.426	4.3254	0.2243	4.3169	0.2898
SE Mean	2.3636	0.3059	0.0514	0.9904	0.0665
C.V.	18.927	32.082	39.585	114.43	37.506
Minimum	113.00	3.6600	0.1500	0.5300	0.1800
1st Quarti	156.00	10.015	0.3800	1.3100	0.5000
Median	180.00	13.605	0.5800	2.7200	0.8000
3rd Quarti	192.75	17.098	0.7400	4.4000	1.0000
Maximum	287.00	21.490	0.9900	19.420	1.3900

	TNTP	TOTN	TSS	TURB	TVS
N	19	19	3	3	3
Lo 95% CI	1.5385	0.9427	-1.8920	-1.9632	-1.4841
Mean	9.0803	1.1505	3.4667	4.2533	1.0000
Up 95% CI	16.622	1.3582	8.8253	10.470	3.4841
SD	15.647	0.4310	2.1572	2.5025	1.0000
SE Mean	3.5898	0.0989	1.2454	1.4448	0.5774
C.V.	172.32	37.466	62.226	58.836	100.00
Minimum	0.7931	0.2300	1.0000	2.4000	0.0000
1st Quarti	2.9429	0.9600	1.0000	2.4000	0.0000
Median	5.0769	1.1200	4.4000	3.2600	1.0000
3rd Quarti	8.0000	1.3800	5.0000	7.1000	2.0000
Maximum	71.900	2.1180	5.0000	7.1000	2.0000

	TDS
N	0
Lo 95% CI	M
Mean	M
Up 95% CI	M
SD	M
SE Mean	M
C.V.	M
Minimum	M
1st Quarti	M
Median	M
3rd Quarti	M
Maximum	M

Descriptive Statistics for SITEIDA = KR20642

	ALKT	BOD	CHLA	COND	DEPTH
N	26	33	33	36	39
Lo 95% CI	68.322	2.3733	5.0952	127.90	0.5000

Mean	76.177	2.9491	7.4636	143.29	0.5000
Up 95% CI	84.032	3.5249	9.8320	158.68	0.5000
SD	19.449	1.6238	6.6794	45.493	0.0000
SE Mean	3.8142	0.2827	1.1627	7.5822	0.0000
C.V.	25.531	55.060	89.492	31.749	0.0000
Minimum	53.000	0.7200	0.8000	84.000	0.5000
1st Quarti	61.500	1.7500	2.0000	105.00	0.5000
Median	71.500	3.0000	5.4000	133.00	0.5000
3rd Quarti	83.250	3.0500	11.700	167.50	0.5000
Maximum	127.00	9.0000	23.000	251.00	0.5000

	DOCON	DOPER	NH3	NO3	ORP
N	36	22	30	34	22
Lo 95% CI	9.4699	97.321	0.0583	0.3614	196.63
Mean	9.9158	99.455	0.0816	0.4654	231.14
Up 95% CI	10.362	101.59	0.1049	0.5695	265.64
SD	1.3179	4.8118	0.0625	0.2982	77.825
SE Mean	0.2196	1.0259	0.0114	0.0511	16.592
C.V.	13.291	4.8382	76.542	64.075	33.671
Minimum	7.1900	92.600	0.0250	0.1100	126.00
1st Quarti	9.0100	95.400	0.0500	0.2500	167.25
Median	9.7750	100.20	0.0590	0.4040	204.50
3rd Quarti	10.928	102.60	0.0850	0.6125	307.25
Maximum	12.460	107.60	0.3100	1.4000	381.00

	PH	PO4	PT	REDOX	SECCHI
N	36	33	34	13	0
Lo 95% CI	8.0040	0.1152	0.1527	224.26	M
Mean	8.1297	0.1455	0.2013	270.92	M
Up 95% CI	8.2554	0.1758	0.2499	317.59	M
SD	0.3715	0.0855	0.1393	77.226	M
SE Mean	0.0619	0.0149	0.0239	21.419	M
C.V.	4.5694	58.765	69.214	28.505	M
Minimum	7.2900	0.0110	0.0300	138.00	M
1st Quarti	7.8700	0.0850	0.1080	190.50	M
Median	8.1100	0.1300	0.1600	298.00	M
3rd Quarti	8.4325	0.2100	0.2850	324.50	M
Maximum	8.8600	0.3900	0.6700	381.00	M

	SPC	TEMP	TIN	TINPTRATI	TKN
N	36	37	34	34	33
Lo 95% CI	161.92	12.655	0.4326	2.9145	0.7138
Mean	179.78	14.331	0.5374	3.9097	0.8564
Up 95% CI	197.64	16.007	0.6422	4.9049	0.9989
SD	52.790	5.0270	0.3003	2.8523	0.4019
SE Mean	8.7984	0.8264	0.0515	0.4892	0.0700
C.V.	29.364	35.078	55.884	72.954	46.934
Minimum	115.00	4.7000	0.1200	0.5100	0.2000
1st Quarti	141.75	9.7400	0.3377	1.3250	0.6000
Median	169.50	15.570	0.4700	3.3000	0.8000
3rd Quarti	209.75	18.375	0.6850	6.0400	1.1050
Maximum	319.00	22.260	1.4000	10.530	1.8000

	TNTP	TOTN	TSS	TURB	TVS
N	33	33	8	8	8
Lo 95% CI	7.3088	1.1277	2.3175	2.4958	1.0465
Mean	9.9550	1.3238	5.0750	5.1925	1.8750

Up 95% CI	12.601	1.5200	7.8325	7.8892	2.7035
SD	7.4628	0.5532	3.2984	3.2256	0.9910
SE Mean	1.2991	0.0963	1.1662	1.1404	0.3504
C.V.	74.965	41.788	64.993	62.121	52.855
Minimum	1.6250	0.3900	1.0000	1.9500	1.0000
1st Quarti	4.5000	0.9450	3.2500	2.3825	1.0000
Median	9.0000	1.2200	4.2000	4.3000	2.0000
3rd Quarti	13.818	1.5950	6.6500	7.3350	2.0000
Maximum	33.492	2.4000	12.000	11.400	4.0000

TDS

N	13
Lo 95% CI	115.94
Mean	133.54
Up 95% CI	151.13
SD	29.116
SE Mean	8.0755
C.V.	21.804
Minimum	96.000
1st Quarti	106.50
Median	129.00
3rd Quarti	160.00
Maximum	183.00

Descriptive Statistics for SITEIDA = KR20750A

	ALKT	BOD	CHLA	COND	DEPTH
N	0	0	4	10	10
Lo 95% CI	M	M	1.8823	140.59	0.5000
Mean	M	M	9.8250	188.10	0.5000
Up 95% CI	M	M	17.768	235.61	0.5000
SD	M	M	4.9916	66.420	0.0000
SE Mean	M	M	2.4958	21.004	0.0000
C.V.	M	M	50.805	35.311	0.0000
Minimum	M	M	2.9000	110.00	0.5000
1st Quarti	M	M	4.5500	118.50	0.5000
Median	M	M	11.250	201.50	0.5000
3rd Quarti	M	M	13.675	248.00	0.5000
Maximum	M	M	13.900	281.00	0.5000

	DOCON	DOPER	NH3	NO3	ORP
N	10	0	10	10	0
Lo 95% CI	7.7876	M	0.0749	0.1105	M
Mean	8.5310	M	0.0920	0.3030	M
Up 95% CI	9.2744	M	0.1091	0.4955	M
SD	1.0392	M	0.0239	0.2692	M
SE Mean	0.3286	M	7.572E-03	0.0851	M
C.V.	12.182	M	26.026	88.831	M
Minimum	7.3500	M	0.0500	0.0600	M
1st Quarti	7.5975	M	0.0750	0.1050	M
Median	8.3300	M	0.0900	0.1300	M
3rd Quarti	9.5275	M	0.1125	0.6525	M
Maximum	10.220	M	0.1200	0.7000	M

	PH	PO4	PT	REDOX	SECCHI
N	10	10	10	0	0

Lo 95% CI	8.0143	0.1481	0.1290	M	M
Mean	8.2020	0.1860	0.2160	M	M
Up 95% CI	8.3897	0.2239	0.3030	M	M
SD	0.2623	0.0530	0.1217	M	M
SE Mean	0.0830	0.0167	0.0385	M	M
C.V.	3.1984	28.472	56.330	M	M
Minimum	7.8600	0.1200	0.1200	M	M
1st Quarti	7.9725	0.1375	0.1525	M	M
Median	8.1500	0.1850	0.1700	M	M
3rd Quarti	8.4675	0.2175	0.2375	M	M
Maximum	8.6300	0.2900	0.5400	M	M

	SPC	TEMP	TIN	TINPTRATI	TKN
N	10	10	10	10	10
Lo 95% CI	163.78	13.393	0.1989	1.0844	0.6001
Mean	234.10	16.308	0.3950	1.9180	0.7400
Up 95% CI	304.42	19.223	0.5911	2.7516	0.8799
SD	98.294	4.0750	0.2742	1.1653	0.1955
SE Mean	31.083	1.2886	0.0867	0.3685	0.0618
C.V.	41.988	24.988	69.406	60.756	26.420
Minimum	118.00	11.410	0.1200	0.5700	0.5000
1st Quarti	128.25	12.107	0.2000	1.0875	0.5750
Median	265.00	15.000	0.2200	1.5950	0.7500
3rd Quarti	318.75	20.712	0.7175	3.0425	0.9000
Maximum	350.00	21.070	0.8200	4.1200	1.1000

	TNTP	TOTN	TSS	TURB	TVS
N	10	10	0	0	0
Lo 95% CI	4.1295	0.8245	M	M	M
Mean	5.4025	1.0430	M	M	M
Up 95% CI	6.6754	1.2615	M	M	M
SD	1.7795	0.3054	M	M	M
SE Mean	0.5627	0.0966	M	M	M
C.V.	32.939	29.284	M	M	M
Minimum	2.7778	0.6100	M	M	M
1st Quarti	4.1346	0.7725	M	M	M
Median	5.1593	1.0000	M	M	M
3rd Quarti	7.1765	1.3025	M	M	M
Maximum	8.0000	1.5000	M	M	M

	TDS
N	0
Lo 95% CI	M
Mean	M
Up 95% CI	M
SD	M
SE Mean	M
C.V.	M
Minimum	M
1st Quarti	M
Median	M
3rd Quarti	M
Maximum	M

Descriptive Statistics for SITEIDA = KR20750P

	ALKT	BOD	CHLA	COND	DEPTH
N	0	0	4	8	8
Lo 95% CI	M	M	0.9436	143.65	0.5000
Mean	M	M	8.9500	189.75	0.5000
Up 95% CI	M	M	16.956	235.85	0.5000
SD	M	M	5.0316	55.138	0.0000
SE Mean	M	M	2.5158	19.494	0.0000
C.V.	M	M	56.219	29.058	0.0000
Minimum	M	M	2.4000	110.00	0.5000
1st Quarti	M	M	4.0000	129.25	0.5000
Median	M	M	9.4000	199.50	0.5000
3rd Quarti	M	M	13.450	229.50	0.5000
Maximum	M	M	14.600	260.00	0.5000

	DOCON	DOPER	NH3	NO3	ORP
N	8	0	8	8	0
Lo 95% CI	7.7371	M	0.0478	0.0935	M
Mean	8.9200	M	0.1063	0.1900	M
Up 95% CI	10.103	M	0.1647	0.2865	M
SD	1.4149	M	0.0699	0.1154	M
SE Mean	0.5002	M	0.0247	0.0408	M
C.V.	15.862	M	65.774	60.730	M
Minimum	6.8600	M	0.0500	0.0800	M
1st Quarti	7.5300	M	0.0550	0.1100	M
Median	8.8650	M	0.0850	0.1500	M
3rd Quarti	10.355	M	0.1375	0.3225	M
Maximum	10.710	M	0.2600	0.3700	M

	PH	PO4	PT	REDOX	SECCHI
N	8	8	8	0	0
Lo 95% CI	8.2921	0.1396	0.1330	M	M
Mean	8.5887	0.2150	0.2225	M	M
Up 95% CI	8.8854	0.2904	0.3120	M	M
SD	0.3549	0.0902	0.1070	M	M
SE Mean	0.1255	0.0319	0.0378	M	M
C.V.	4.1317	41.971	48.092	M	M
Minimum	7.8800	0.1400	0.1200	M	M
1st Quarti	8.4000	0.1425	0.1700	M	M
Median	8.6350	0.2000	0.1950	M	M
3rd Quarti	8.8625	0.2550	0.2400	M	M
Maximum	9.0100	0.4100	0.4700	M	M

	SPC	TEMP	TIN	TINPTRATI	TKN
N	8	8	8	8	8
Lo 95% CI	168.27	13.542	0.2130	0.9535	0.5083
Mean	232.63	16.418	0.2963	1.5437	0.6125
Up 95% CI	296.98	19.293	0.3795	2.1340	0.7167
SD	76.980	3.4401	0.0996	0.7060	0.1246
SE Mean	27.217	1.2162	0.0352	0.2496	0.0441
C.V.	33.092	20.954	33.607	45.732	20.350
Minimum	118.00	13.480	0.1700	0.5500	0.5000
1st Quarti	144.25	13.777	0.2325	0.7850	0.5000
Median	254.00	14.855	0.2500	1.7050	0.6000
3rd Quarti	294.25	20.070	0.4075	2.1600	0.7500
Maximum	307.00	22.200	0.4400	2.3300	0.8000

	TNTP	TOTN	TSS	TURB	TVS
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N	8	8	0	0	0
Lo 95% CI	2.9933	0.7026	M	M	M
Mean	4.1349	0.8025	M	M	M
Up 95% CI	5.2766	0.9024	M	M	M
SD	1.3656	0.1195	M	M	M
SE Mean	0.4828	0.0422	M	M	M
C.V.	33.026	14.890	M	M	M
Minimum	1.5106	0.6600	M	M	M
1st Quartile	3.0757	0.6875	M	M	M
Median	4.5098	0.8050	M	M	M
3rd Quartile	5.2230	0.9000	M	M	M
Maximum	5.5000	0.9800	M	M	M

TDS

N	0
Lo 95% CI	M
Mean	M
Up 95% CI	M
SD	M
SE Mean	M
C.V.	M
Minimum	M
1st Quartile	M
Median	M
3rd Quartile	M
Maximum	M

Descriptive Statistics for SITEIDA = KR20932A

	ALKT	BOD	CHLA	COND	DEPTH
N	0	0	3	10	10
Lo 95% CI	M	M	-5.2505	130.97	0.5000
Mean	M	M	7.2000	176.70	0.5000
Up 95% CI	M	M	19.650	222.43	0.5000
SD	M	M	5.0120	63.927	0.0000
SE Mean	M	M	2.8937	20.216	0.0000
C.V.	M	M	69.611	36.178	0.0000
Minimum	M	M	2.4000	104.00	0.5000
1st Quartile	M	M	2.4000	108.75	0.5000
Median	M	M	6.8000	186.00	0.5000
3rd Quartile	M	M	12.400	242.50	0.5000
Maximum	M	M	12.400	251.00	0.5000

	DOCON	DOPER	NH3	NO3	ORP
N	10	0	10	10	0
Lo 95% CI	6.9482	M	0.0627	0.1557	M
Mean	7.6340	M	0.0810	0.2740	M
Up 95% CI	8.3198	M	0.0993	0.3923	M
SD	0.9587	M	0.0256	0.1653	M
SE Mean	0.3032	M	8.090E-03	0.0523	M
C.V.	12.558	M	31.583	60.344	M
Minimum	6.5500	M	0.0400	0.1100	M
1st Quartile	6.7750	M	0.0675	0.1375	M
Median	7.6550	M	0.0750	0.1750	M
3rd Quartile	8.4000	M	0.0950	0.4750	M
Maximum	9.4500	M	0.1300	0.5100	M

	PH	PO4	PT	REDOX	SECCHI
N	10	10	10	0	0
Lo 95% CI	7.6070	0.1431	0.1106	M	M
Mean	7.8780	0.1750	0.2360	M	M
Up 95% CI	8.1490	0.2069	0.3614	M	M
SD	0.3789	0.0445	0.1753	M	M
SE Mean	0.1198	0.0141	0.0554	M	M
C.V.	4.8094	25.448	74.262	M	M
Minimum	7.2400	0.1200	0.0300	M	M
1st Quartile	7.6100	0.1375	0.1375	M	M
Median	7.8750	0.1750	0.1750	M	M
3rd Quartile	8.1750	0.2025	0.3125	M	M
Maximum	8.4200	0.2700	0.5700	M	M

	SPC	TEMP	TIN	TINPTRATI	TKN
N	10	10	10	10	10
Lo 95% CI	159.12	12.849	0.2399	0.8191	0.4116
Mean	225.80	14.960	0.3550	2.4720	0.5700
Up 95% CI	292.48	17.071	0.4701	4.1249	0.7284
SD	93.208	2.9508	0.1608	2.3105	0.2214
SE Mean	29.475	0.9331	0.0509	0.7307	0.0700
C.V.	41.279	19.725	45.309	93.468	38.835
Minimum	119.00	11.540	0.1700	0.4900	0.1000
1st Quartile	125.75	12.223	0.2425	0.8825	0.4750
Median	241.50	13.915	0.2600	1.7950	0.6000
3rd Quartile	319.25	18.133	0.5325	3.3275	0.7250
Maximum	332.00	18.620	0.6200	8.3300	0.9000

	TNTP	TOTN	TSS	TURB	TVS
N	10	10	0	0	0
Lo 95% CI	1.2345	0.7088	M	M	M
Mean	6.3403	0.8440	M	M	M
Up 95% CI	11.446	0.9792	M	M	M
SD	7.1373	0.1890	M	M	M
SE Mean	2.2570	0.0598	M	M	M
C.V.	112.57	22.392	M	M	M
Minimum	1.4528	0.5300	M	M	M
1st Quartile	3.2482	0.7250	M	M	M
Median	3.8512	0.8400	M	M	M
3rd Quartile	6.8026	0.9950	M	M	M
Maximum	26.000	1.1100	M	M	M

	TDS
N	0
Lo 95% CI	M
Mean	M
Up 95% CI	M
SD	M
SE Mean	M
C.V.	M
Minimum	M
1st Quartile	M
Median	M
3rd Quartile	M
Maximum	M

Descriptive Statistics for SITEIDA = KR20932P

	ALKT	BOD	CHLA	COND	DEPTH
N	0	0	4	8	8
Lo 95% CI	M	M	1.2613	138.76	0.5000
Mean	M	M	8.4000	185.88	0.5000
Up 95% CI	M	M	15.539	232.99	0.5000
SD	M	M	4.4863	56.352	0.0000
SE Mean	M	M	2.2431	19.923	0.0000
C.V.	M	M	53.408	30.317	0.0000
Minimum	M	M	2.9000	106.00	0.5000
1st Quarti	M	M	3.8250	127.25	0.5000
Median	M	M	9.1500	183.00	0.5000
3rd Quarti	M	M	12.225	241.50	0.5000
Maximum	M	M	12.400	254.00	0.5000

	DOCON	DOPER	NH3	NO3	ORP
N	8	0	8	8	0
Lo 95% CI	7.3785	M	0.0370	0.0715	M
Mean	8.2588	M	0.1038	0.2312	M
Up 95% CI	9.1390	M	0.1705	0.3910	M
SD	1.0529	M	0.0798	0.1910	M
SE Mean	0.3722	M	0.0282	0.0675	M
C.V.	12.748	M	76.925	82.614	M
Minimum	6.4600	M	0.0500	0.0900	M
1st Quarti	7.5225	M	0.0525	0.1200	M
Median	8.3500	M	0.0800	0.1550	M
3rd Quarti	9.1525	M	0.1200	0.3250	M
Maximum	9.4500	M	0.2900	0.6500	M

	PH	PO4	PT	REDOX	SECCHI
N	8	8	8	0	0
Lo 95% CI	8.0477	0.1222	0.1283	M	M
Mean	8.2713	0.2062	0.1875	M	M
Up 95% CI	8.4948	0.2903	0.2467	M	M
SD	0.2674	0.1006	0.0709	M	M
SE Mean	0.0946	0.0356	0.0251	M	M
C.V.	3.2334	48.757	37.793	M	M
Minimum	7.8600	0.1000	0.0900	M	M
1st Quarti	8.0575	0.1350	0.1400	M	M
Median	8.2600	0.1800	0.1700	M	M
3rd Quarti	8.5050	0.2525	0.2525	M	M
Maximum	8.6800	0.4200	0.3000	M	M

	SPC	TEMP	TIN	TINPTRATI	TKN
N	8	8	8	8	8
Lo 95% CI	165.98	13.173	0.1600	1.0695	0.3916
Mean	232.63	15.519	0.3350	1.9063	0.6125
Up 95% CI	299.27	17.865	0.5100	2.7430	0.8334
SD	79.723	2.8064	0.2093	1.0009	0.2642
SE Mean	28.186	0.9922	0.0740	0.3539	0.0934
C.V.	34.271	18.084	62.473	52.505	43.141
Minimum	118.00	13.510	0.1600	0.6200	0.3000
1st Quarti	147.25	13.610	0.1875	1.0625	0.4000
Median	233.00	14.465	0.2400	1.6300	0.6000
3rd Quarti	311.75	17.262	0.4375	2.9425	0.7750

Maximum	323.00	21.440	0.7800	3.3900	1.1000
	TNTP	TOTN	TSS	TURB	TVS
N	8	8	0	0	0
Lo 95% CI	3.7059	0.5738	M	M	M
Mean	4.6703	0.8438	M	M	M
Up 95% CI	5.6346	1.1137	M	M	M
SD	1.1535	0.3229	M	M	M
SE Mean	0.4078	0.1142	M	M	M
C.V.	24.698	38.273	M	M	M
Minimum	2.8333	0.5600	M	M	M
1st Quartile	4.0395	0.5825	M	M	M
Median	4.4936	0.7350	M	M	M
3rd Quartile	5.8810	1.1200	M	M	M
Maximum	6.3043	1.4500	M	M	M
	TDS				
N	0				
Lo 95% CI	M				
Mean	M				
Up 95% CI	M				
SD	M				
SE Mean	M				
C.V.	M				
Minimum	M				
1st Quartile	M				
Median	M				
3rd Quartile	M				
Maximum	M				

Descriptive Statistics for SITEIDA = KR22040

	ALKT	BOD	CHLA	COND	DEPTH
N	9	17	18	22	102
Lo 95% CI	63.831	1.0644	2.5245	119.37	0.4977
Mean	68.556	1.6365	4.4722	127.09	0.5088
Up 95% CI	73.280	2.2086	6.4200	134.81	0.5199
SD	6.1464	1.1127	3.9168	17.413	0.0565
SE Mean	2.0488	0.2699	0.9232	3.7126	5.591E-03
C.V.	8.9655	67.994	87.580	13.702	11.098
Minimum	61.000	0.0000	1.2000	99.000	0.5000
1st Quartile	63.500	1.2500	1.6500	108.75	0.5000
Median	68.000	1.5000	3.4000	131.50	0.5000
3rd Quartile	73.500	2.0000	5.8000	140.50	0.5000
Maximum	80.000	5.0000	16.000	154.00	1.0000
	DOCON	DOPER	NH3	NO3	ORP
N	29	95	23	23	15
Lo 95% CI	9.6905	102.62	0.0621	0.2244	145.62
Mean	10.082	103.80	0.0775	0.2885	165.60
Up 95% CI	10.473	104.98	0.0929	0.3526	185.58
SD	1.0284	5.7765	0.0356	0.1482	36.081
SE Mean	0.1910	0.5927	7.416E-03	0.0309	9.3160
C.V.	10.201	5.5649	45.902	51.365	21.788
Minimum	8.2400	78.100	0.0250	0.1000	43.000
1st Quartile	9.3300	103.40	0.0500	0.1500	159.00

Median	9.9500	105.00	0.0800	0.2600	174.00
3rd Quartile	10.895	107.00	0.1000	0.4000	183.00
Maximum	11.890	116.80	0.1500	0.6500	194.00

	PH	PO4	PT	REDOX	SECCHI
N	99	23	23	6	0
Lo 95% CI	7.7280	0.0725	0.1127	94.996	M
Mean	7.8282	0.0998	0.1638	153.83	M
Up 95% CI	7.9284	0.1272	0.2150	212.67	M
SD	0.5025	0.0632	0.1183	56.066	M
SE Mean	0.0505	0.0132	0.0247	22.889	M
C.V.	6.4187	63.360	72.235	36.446	M
Minimum	5.6000	-0.0210	0.0360	43.000	M
1st Quartile	7.7000	0.0640	0.0800	125.50	M
Median	7.7700	0.0900	0.1200	175.00	M
3rd Quartile	7.9500	0.1500	0.2400	185.75	M
Maximum	9.4100	0.2100	0.5300	194.00	M

	SPC	TEMP	TIN	TINPTRATI	TKN
N	89	102	23	23	21
Lo 95% CI	153.42	11.760	0.2936	2.3535	0.3710
Mean	156.35	12.176	0.3660	3.6183	0.4957
Up 95% CI	159.29	12.592	0.4383	4.8831	0.6204
SD	13.941	2.1200	0.1674	2.9249	0.2740
SE Mean	1.4777	0.2099	0.0349	0.6099	0.0598
C.V.	8.9162	17.411	45.730	80.836	55.266
Minimum	137.00	9.0100	0.1250	0.3300	0.1000
1st Quartile	148.70	10.953	0.2120	1.4600	0.3000
Median	152.20	11.525	0.3450	2.6300	0.4000
3rd Quartile	158.80	12.615	0.4840	5.5600	0.7600
Maximum	214.00	21.370	0.8000	11.670	1.1000

	TNTP	TOTN	TSS	TURB	TVS
N	21	21	8	8	8
Lo 95% CI	4.8887	0.6169	0.7235	1.0826	0.2965
Mean	7.9552	0.7764	2.0000	2.0613	1.1250
Up 95% CI	11.022	0.9359	3.2765	3.0399	1.9535
SD	6.7366	0.3503	1.5269	1.1706	0.9910
SE Mean	1.4700	0.0765	0.5398	0.4139	0.3504
C.V.	84.682	45.125	76.345	56.790	88.092
Minimum	0.6604	0.2600	-0.0000	0.8600	0.0000
1st Quartile	2.4793	0.4450	1.0000	0.9850	0.2500
Median	5.6250	0.8000	1.5000	1.9300	1.0000
3rd Quartile	13.993	1.0235	3.4500	3.2525	1.7500
Maximum	23.104	1.7500	4.4000	3.9000	3.0000

	TDS
N	0
Lo 95% CI	M
Mean	M
Up 95% CI	M
SD	M
SE Mean	M
C.V.	M
Minimum	M
1st Quartile	M
Median	M

3rd Quarti M
 Maximum M

Descriptive Statistics for SITEIDA = KR22460

	ALKT	BOD	CHLA	COND	DEPTH
N	9	17	18	21	27
Lo 95% CI	57.507	1.8468	6.8347	136.26	0.4530
Mean	69.667	2.7394	12.128	161.52	0.5296
Up 95% CI	81.826	3.6321	17.421	186.78	0.6063
SD	15.819	1.7362	10.644	55.490	0.1938
SE Mean	5.2731	0.4211	2.5088	12.109	0.0373
C.V.	22.707	63.377	87.764	34.354	36.587
Minimum	54.000	1.0000	1.0000	91.000	0.1000
1st Quarti	56.500	1.5000	5.4500	114.00	0.5000
Median	65.000	1.5000	7.6500	141.00	0.5000
3rd Quarti	81.500	4.0000	15.925	211.00	0.5000
Maximum	100.00	6.0000	38.000	251.00	1.0000

	DOCON	DOPER	NH3	NO3	ORP
N	24	22	23	23	15
Lo 95% CI	8.2853	85.266	0.1431	0.2849	162.74
Mean	9.0129	89.618	0.1863	0.4180	177.13
Up 95% CI	9.7405	93.970	0.2295	0.5511	191.52
SD	1.7231	9.8149	0.1000	0.3078	25.983
SE Mean	0.3517	2.0926	0.0208	0.0642	6.7088
C.V.	19.118	10.952	53.661	73.640	14.669
Minimum	4.4000	60.100	0.0000	0.0250	121.00
1st Quarti	7.9750	85.675	0.1100	0.1300	163.00
Median	8.8100	89.900	0.1500	0.3300	180.00
3rd Quarti	10.075	96.400	0.2700	0.7400	199.00
Maximum	12.490	109.40	0.3600	1.0120	216.00

	PH	PO4	PT	REDOX	SECCHI
N	24	23	23	6	0
Lo 95% CI	7.8101	0.1112	0.1883	134.37	M
Mean	7.9679	0.1463	0.2437	175.33	M
Up 95% CI	8.1258	0.1813	0.2992	216.29	M
SD	0.3738	0.0810	0.1282	39.032	M
SE Mean	0.0763	0.0169	0.0267	15.935	M
C.V.	4.6912	55.377	52.593	22.261	M
Minimum	7.4000	-0.0110	0.0450	121.00	M
1st Quarti	7.6850	0.0800	0.1600	131.50	M
Median	7.9250	0.1400	0.2500	188.00	M
3rd Quarti	8.2200	0.2100	0.2800	207.00	M
Maximum	8.6500	0.3000	0.5300	216.00	M

	SPC	TEMP	TIN	TINPTRATI	TKN
N	24	27	23	23	23
Lo 95% CI	169.99	13.464	0.4543	2.1855	1.1877
Mean	197.13	15.707	0.6064	3.6678	1.3430
Up 95% CI	224.26	17.950	0.7585	5.1502	1.4984
SD	64.271	5.6694	0.3518	3.4280	0.3592
SE Mean	13.119	1.0911	0.0733	0.7148	0.0749
C.V.	32.604	36.094	58.004	93.461	26.747
Minimum	132.00	5.7800	0.0500	0.2400	0.8000

1st Quarti	148.50	12.040	0.3000	1.0300	1.0000
Median	170.00	14.630	0.4800	3.0500	1.3400
3rd Quarti	229.25	22.050	0.9700	4.7900	1.6500
Maximum	371.00	23.900	1.2420	11.630	1.9900

	TNTP	TOTN	TSS	TURB	TVS
N	23	23	8	8	8
Lo 95% CI	6.8504	1.5358	1.9392	3.8683	0.9309
Mean	10.674	1.7610	5.9000	7.0737	1.8500
Up 95% CI	14.497	1.9862	9.8608	10.279	2.7691
SD	8.8419	0.5208	4.7377	3.8342	1.0994
SE Mean	1.8437	0.1086	1.6750	1.3556	0.3887
C.V.	82.837	29.576	80.300	54.203	59.424
Minimum	2.1395	0.8250	0.0000	2.8900	0.0000
1st Quarti	4.0400	1.3400	1.5000	3.5075	1.0000
Median	8.0714	1.8400	5.4000	6.8000	2.0000
3rd Quarti	11.947	2.1500	9.6000	9.4575	2.9500
Maximum	36.000	2.6620	14.000	14.400	3.0000

	TDS
N	0
Lo 95% CI	M
Mean	M
Up 95% CI	M
SD	M
SE Mean	M
C.V.	M
Minimum	M
1st Quarti	M
Median	M
3rd Quarti	M
Maximum	M

Descriptive Statistics for SITEIDA = KR22478E

	ALKT	BOD	CHLA	COND	DEPTH
N	13	23	24	146	188
Lo 95% CI	55.101	3.0714	5.6415	147.97	1.8080
Mean	65.000	4.2391	15.100	157.42	2.0128
Up 95% CI	74.899	5.4069	24.559	166.86	2.2175
SD	16.381	2.7005	22.400	57.729	1.4229
SE Mean	4.5432	0.5631	4.5723	4.7777	0.1038
C.V.	25.201	63.703	148.34	36.673	70.694
Minimum	50.000	1.5000	0.0000	64.000	0.0000
1st Quarti	54.000	3.0000	2.1750	107.00	1.0000
Median	58.000	3.0000	5.2500	144.00	2.0000
3rd Quarti	76.000	6.0000	15.850	197.25	3.0000
Maximum	104.00	14.000	93.000	265.00	4.8000

	DOCON	DOPER	NH3	NO3	ORP
N	187	148	29	28	74
Lo 95% CI	8.4876	88.466	0.1563	0.3286	159.04
Mean	8.7989	92.211	0.1974	0.5032	167.96
Up 95% CI	9.1103	95.957	0.2385	0.6779	176.88
SD	2.1583	23.058	0.1081	0.4504	38.500
SE Mean	0.1578	1.8953	0.0201	0.0851	4.4755

C.V.	24.529	25.005	54.753	89.492	22.922
Minimum	2.0000	23.000	0.0700	0.0250	33.000
1st Quartile	7.5000	77.375	0.1150	0.1400	153.75
Median	8.6100	88.050	0.1600	0.4435	173.00
3rd Quartile	10.230	103.50	0.2650	0.6900	188.25
Maximum	15.270	166.90	0.5000	1.7600	229.00

	PH	PO4	PT	REDOX	SECCHI
N	182	27	29	34	16
Lo 95% CI	7.8360	0.1434	0.2162	146.07	0.9280
Mean	7.9141	0.1766	0.2563	164.88	1.1656
Up 95% CI	7.9922	0.2099	0.2963	183.69	1.4033
SD	0.5339	0.0840	0.1053	53.917	0.4460
SE Mean	0.0396	0.0162	0.0196	9.2467	0.1115
C.V.	6.7461	47.561	41.101	32.700	38.262
Minimum	6.6400	-2.000E-03	0.0500	33.000	0.2500
1st Quartile	7.5900	0.1000	0.2050	149.00	0.9000
Median	7.8250	0.1800	0.2700	183.00	1.2000
3rd Quartile	8.2350	0.2400	0.3000	206.00	1.4875
Maximum	9.2700	0.3300	0.4800	229.00	2.0000

	SPC	TEMP	TIN	TINPTRATI	TKN
N	182	186	29	29	29
Lo 95% CI	177.14	15.218	0.5077	2.1368	1.1511
Mean	185.54	15.966	0.6833	3.2562	1.4900
Up 95% CI	193.93	16.714	0.8589	4.3756	1.8289
SD	57.398	5.1729	0.4617	2.9428	0.8910
SE Mean	4.2546	0.3793	0.0857	0.5465	0.1655
C.V.	30.936	32.400	67.568	90.374	59.799
Minimum	93.000	3.8700	0.1600	0.5900	0.7000
1st Quartile	146.00	13.078	0.3250	1.3150	1.0000
Median	160.00	14.660	0.6000	2.6300	1.4000
3rd Quartile	208.75	20.122	0.8800	4.5200	1.6500
Maximum	322.00	26.500	1.9300	15.330	5.4900

	TNTP	TOTN	TSS	TURB	TVS
N	28	28	3	3	3
Lo 95% CI	6.4496	1.5844	-2.7465	-2.0753	-3.5724
Mean	9.2948	1.9929	7.8667	6.7100	3.0000
Up 95% CI	12.140	2.4014	18.480	15.495	9.5724
SD	7.3376	1.0534	4.2724	3.5366	2.6458
SE Mean	1.3867	0.1991	2.4667	2.0418	1.5275
C.V.	78.943	52.858	54.310	52.706	88.192
Minimum	2.1042	0.7900	3.0000	2.6300	1.0000
1st Quartile	4.3869	1.1950	3.0000	2.6300	1.0000
Median	7.5167	1.9850	9.6000	8.6000	2.0000
3rd Quartile	11.589	2.3375	11.000	8.9000	6.0000
Maximum	33.000	5.8370	11.000	8.9000	6.0000

	TDS
N	0
Lo 95% CI	M
Mean	M
Up 95% CI	M
SD	M
SE Mean	M
C.V.	M

Minimum	M
1st Quartile	M
Median	M
3rd Quartile	M
Maximum	M

Descriptive Statistics for SITEIDA = KR22478H

	ALKT	BOD	CHLA	COND	DEPTH
N	13	22	19	115	145
Lo 95% CI	55.622	2.8846	4.8949	146.57	6.6362
Mean	65.538	4.0682	13.095	157.32	6.8614
Up 95% CI	75.455	5.2518	21.295	168.07	7.0865
SD	16.409	2.6695	17.013	58.194	1.3716
SE Mean	4.5512	0.5691	3.9030	5.4266	0.1139
C.V.	25.038	65.618	129.92	36.990	19.991
Minimum	51.000	1.5000	0.0000	89.000	5.0000
1st Quartile	56.000	3.0000	1.7000	107.00	6.0000
Median	58.000	3.0000	5.1000	139.00	7.0000
3rd Quartile	75.000	5.0000	18.200	197.00	8.0000
Maximum	104.00	13.000	47.000	259.00	10.600

	DOCON	DOPER	NH3	NO3	ORP
N	144	112	28	28	50
Lo 95% CI	6.7919	69.952	0.2037	0.3878	164.13
Mean	7.2334	74.612	0.2517	0.5812	176.10
Up 95% CI	7.6749	79.273	0.2997	0.7747	188.07
SD	2.6800	24.891	0.1238	0.4988	42.124
SE Mean	0.2233	2.3520	0.0234	0.0943	5.9572
C.V.	37.051	33.361	49.164	85.816	23.920
Minimum	0.0000	14.800	0.0500	0.0800	45.000
1st Quartile	5.6800	62.250	0.1550	0.1350	172.75
Median	7.3100	76.650	0.2300	0.5600	183.00
3rd Quartile	9.2225	86.250	0.3150	0.7575	198.25
Maximum	11.390	122.50	0.5600	1.7900	235.00

	PH	PO4	PT	REDOX	SECCHI
N	140	27	28	26	0
Lo 95% CI	7.5510	0.1440	0.2128	150.39	M
Mean	7.6378	0.1761	0.2509	173.62	M
Up 95% CI	7.7246	0.2081	0.2889	196.84	M
SD	0.5196	0.0810	0.0981	57.499	M
SE Mean	0.0439	0.0156	0.0185	11.277	M
C.V.	6.8029	45.988	39.088	33.119	M
Minimum	6.2700	0.0530	0.0600	45.000	M
1st Quartile	7.2925	0.1100	0.1925	172.50	M
Median	7.6650	0.1800	0.2500	194.50	M
3rd Quartile	8.0600	0.2400	0.3000	205.00	M
Maximum	8.5800	0.3400	0.4500	235.00	M

	SPC	TEMP	TIN	TINPTRATI	TKN
N	140	144	28	28	28
Lo 95% CI	177.62	14.595	0.6283	2.6996	1.2087
Mean	187.71	15.391	0.8330	3.8482	1.3818
Up 95% CI	197.79	16.188	1.0376	4.9968	1.5548
SD	60.360	4.8369	0.5278	2.9622	0.4463

SE Mean	5.1014	0.4031	0.0997	0.5598	0.0843
C.V.	32.157	31.426	63.367	76.975	32.300
Minimum	108.00	3.9100	0.1500	0.7300	0.6000
1st Quarti	149.00	12.782	0.3377	1.3625	1.0500
Median	158.00	16.300	0.8100	3.4800	1.3250
3rd Quarti	208.00	18.933	1.0050	5.0075	1.6750
Maximum	317.00	23.010	1.9700	15.500	2.4000

	TNTP	TOTN	TSS	TURB	TVS
N	28	28	3	3	3
Lo 95% CI	6.9909	1.6456	-3.9264	-2.4235	-0.1009
Mean	9.7130	1.9630	6.4000	5.4333	1.3333
Up 95% CI	12.435	2.2804	16.726	13.290	2.7676
SD	7.0202	0.8185	4.1569	3.1628	0.5774
SE Mean	1.3267	0.1547	2.4000	1.8260	0.3333
C.V.	72.276	41.697	64.952	58.211	43.301
Minimum	2.4595	0.8000	4.0000	2.9700	1.0000
1st Quarti	5.1351	1.4627	4.0000	2.9700	1.0000
Median	7.8967	1.8850	4.0000	4.3300	1.0000
3rd Quarti	11.407	2.3175	11.200	9.0000	2.0000
Maximum	33.333	3.9600	11.200	9.0000	2.0000

	TDS
N	0
Lo 95% CI	M
Mean	M
Up 95% CI	M
SD	M
SE Mean	M
C.V.	M
Minimum	M
1st Quarti	M
Median	M
3rd Quarti	M
Maximum	M

Descriptive Statistics for SITEIDA = KR22505E

	ALKT	BOD	CHLA	COND	DEPTH
N	0	0	0	23	54
Lo 95% CI	M	M	M	203.41	1.7853
Mean	M	M	M	222.74	2.2019
Up 95% CI	M	M	M	242.07	2.6184
SD	M	M	M	44.696	1.5262
SE Mean	M	M	M	9.3198	0.2077
C.V.	M	M	M	20.067	69.314
Minimum	M	M	M	149.00	0.0000
1st Quarti	M	M	M	189.00	1.0000
Median	M	M	M	250.00	2.0000
3rd Quarti	M	M	M	252.00	3.7000
Maximum	M	M	M	273.00	4.8000

	DOCON	DOPER	NH3	NO3	ORP
N	54	54	0	0	18
Lo 95% CI	9.1786	99.925	M	M	161.52
Mean	9.9356	107.96	M	M	183.72

Up 95% CI	10.693	116.00	M	M	205.93
SD	2.7734	29.448	M	M	44.657
SE Mean	0.3774	4.0073	M	M	10.526
C.V.	27.914	27.276	M	M	24.307
Minimum	3.9000	51.500	M	M	106.00
1st Quarti	7.1475	79.925	M	M	151.50
Median	11.090	119.00	M	M	184.50
3rd Quarti	11.850	127.53	M	M	242.00
Maximum	15.850	177.70	M	M	245.00

	PH	PO4	PT	REDOX	SECCHI
N	51	0	0	18	1
Lo 95% CI	8.0977	M	M	161.52	M
Mean	8.2351	M	M	183.72	1.2000
Up 95% CI	8.3725	M	M	205.93	M
SD	0.4886	M	M	44.657	M
SE Mean	0.0684	M	M	10.526	M
C.V.	5.9337	M	M	24.307	M
Minimum	7.5000	M	M	106.00	1.2000
1st Quarti	7.8400	M	M	151.50	M
Median	8.1300	M	M	184.50	1.2000
3rd Quarti	8.5400	M	M	242.00	M
Maximum	9.5600	M	M	245.00	1.2000

	SPC	TEMP	TIN	TINPTRATI	TKN
N	54	54	0	0	0
Lo 95% CI	186.29	15.092	M	M	M
Mean	202.80	16.062	M	M	M
Up 95% CI	219.30	17.032	M	M	M
SD	60.480	3.5534	M	M	M
SE Mean	8.2303	0.4836	M	M	M
C.V.	29.823	22.123	M	M	M
Minimum	145.00	12.920	M	M	M
1st Quarti	155.75	13.448	M	M	M
Median	171.00	14.190	M	M	M
3rd Quarti	295.00	17.325	M	M	M
Maximum	299.00	25.100	M	M	M

	TNTP	TOTN	TSS	TURB	TVS
N	0	0	0	0	0
Lo 95% CI	M	M	M	M	M
Mean	M	M	M	M	M
Up 95% CI	M	M	M	M	M
SD	M	M	M	M	M
SE Mean	M	M	M	M	M
C.V.	M	M	M	M	M
Minimum	M	M	M	M	M
1st Quarti	M	M	M	M	M
Median	M	M	M	M	M
3rd Quarti	M	M	M	M	M
Maximum	M	M	M	M	M

	TDS
N	0
Lo 95% CI	M
Mean	M
Up 95% CI	M

SD	M
SE Mean	M
C.V.	M
Minimum	M
1st Quartile	M
Median	M
3rd Quartile	M
Maximum	M

Descriptive Statistics for SITEIDA = KR22505H

	ALKT	BOD	CHLA	COND	DEPTH
N	0	0	0	31	66
Lo 95% CI	M	M	M	212.04	7.7022
Mean	M	M	M	225.42	8.2258
Up 95% CI	M	M	M	238.80	8.7493
SD	M	M	M	36.479	2.1299
SE Mean	M	M	M	6.5518	0.2622
C.V.	M	M	M	16.183	25.893
Minimum	M	M	M	147.00	5.0000
1st Quartile	M	M	M	186.00	6.0000
Median	M	M	M	244.00	8.0000
3rd Quartile	M	M	M	246.00	10.0000
Maximum	M	M	M	252.00	12.300

	DOCON	DOPER	NH3	NO3	ORP
N	65	65	0	0	27
Lo 95% CI	7.2120	76.406	M	M	153.18
Mean	7.9248	84.100	M	M	181.26
Up 95% CI	8.6376	91.794	M	M	209.33
SD	2.8766	31.052	M	M	70.971
SE Mean	0.3568	3.8515	M	M	13.658
C.V.	36.299	36.923	M	M	39.154
Minimum	1.5500	15.300	M	M	-75.000
1st Quartile	5.4650	55.500	M	M	162.00
Median	9.7000	103.90	M	M	198.00
3rd Quartile	10.445	111.85	M	M	238.00
Maximum	11.650	125.00	M	M	241.00

	PH	PO4	PT	REDOX	SECCHI
N	64	0	0	27	0
Lo 95% CI	7.7686	M	M	153.18	M
Mean	7.8358	M	M	181.26	M
Up 95% CI	7.9030	M	M	209.33	M
SD	0.2691	M	M	70.971	M
SE Mean	0.0336	M	M	13.658	M
C.V.	3.4342	M	M	39.154	M
Minimum	7.3000	M	M	-75.000	M
1st Quartile	7.6600	M	M	162.00	M
Median	7.8650	M	M	198.00	M
3rd Quartile	8.0300	M	M	238.00	M
Maximum	8.4100	M	M	241.00	M

	SPC	TEMP	TIN	TINPTRATI	TKN
N	66	66	0	0	0
Lo 95% CI	194.20	14.280	M	M	M

Mean	210.05	14.971	M	M	M
Up 95% CI	225.89	15.662	M	M	M
SD	64.463	2.8104	M	M	M
SE Mean	7.9349	0.3459	M	M	M
C.V.	30.690	18.772	M	M	M
Minimum	152.00	12.350	M	M	M
1st Quartile	155.00	12.748	M	M	M
Median	173.00	13.355	M	M	M
3rd Quartile	295.00	16.400	M	M	M
Maximum	301.00	22.900	M	M	M

	TNTP	TOTN	TSS	TURB	TVS
N	0	0	0	0	0
Lo 95% CI	M	M	M	M	M
Mean	M	M	M	M	M
Up 95% CI	M	M	M	M	M
SD	M	M	M	M	M
SE Mean	M	M	M	M	M
C.V.	M	M	M	M	M
Minimum	M	M	M	M	M
1st Quartile	M	M	M	M	M
Median	M	M	M	M	M
3rd Quartile	M	M	M	M	M
Maximum	M	M	M	M	M

	TDS
N	0
Lo 95% CI	M
Mean	M
Up 95% CI	M
SD	M
SE Mean	M
C.V.	M
Minimum	M
1st Quartile	M
Median	M
3rd Quartile	M
Maximum	M

Descriptive Statistics for SITEIDA = KR22600

	ALKT	BOD	CHLA	COND	DEPTH
N	0	0	1	1	1
Lo 95% CI	M	M	M	M	M
Mean	M	M	35.000	251.00	0.5000
Up 95% CI	M	M	M	M	M
SD	M	M	M	M	M
SE Mean	M	M	M	M	M
C.V.	M	M	M	M	M
Minimum	M	M	35.000	251.00	0.5000
1st Quartile	M	M	M	M	M
Median	M	M	35.000	251.00	0.5000
3rd Quartile	M	M	M	M	M
Maximum	M	M	35.000	251.00	0.5000

DOCON	DOPER	NH3	NO3	ORP
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N	1	1	0	0	1
Lo 95% CI	M	M	M	M	M
Mean	10.740	92.300	M	M	154.00
Up 95% CI	M	M	M	M	M
SD	M	M	M	M	M
SE Mean	M	M	M	M	M
C.V.	M	M	M	M	M
Minimum	10.740	92.300	M	M	154.00
1st Quartile	M	M	M	M	M
Median	10.740	92.300	M	M	154.00
3rd Quartile	M	M	M	M	M
Maximum	10.740	92.300	M	M	154.00

	PH	PO4	PT	REDOX	SECCHI
N	1	0	0	0	0
Lo 95% CI	M	M	M	M	M
Mean	8.1700	M	M	M	M
Up 95% CI	M	M	M	M	M
SD	M	M	M	M	M
SE Mean	M	M	M	M	M
C.V.	M	M	M	M	M
Minimum	8.1700	M	M	M	M
1st Quartile	M	M	M	M	M
Median	8.1700	M	M	M	M
3rd Quartile	M	M	M	M	M
Maximum	8.1700	M	M	M	M

	SPC	TEMP	TIN	TINPTRATI	TKN
N	1	1	0	0	0
Lo 95% CI	M	M	M	M	M
Mean	365.00	8.6800	M	M	M
Up 95% CI	M	M	M	M	M
SD	M	M	M	M	M
SE Mean	M	M	M	M	M
C.V.	M	M	M	M	M
Minimum	365.00	8.6800	M	M	M
1st Quartile	M	M	M	M	M
Median	365.00	8.6800	M	M	M
3rd Quartile	M	M	M	M	M
Maximum	365.00	8.6800	M	M	M

	TNTP	TOTN	TSS	TURB	TVS
N	0	0	0	0	0
Lo 95% CI	M	M	M	M	M
Mean	M	M	M	M	M
Up 95% CI	M	M	M	M	M
SD	M	M	M	M	M
SE Mean	M	M	M	M	M
C.V.	M	M	M	M	M
Minimum	M	M	M	M	M
1st Quartile	M	M	M	M	M
Median	M	M	M	M	M
3rd Quartile	M	M	M	M	M
Maximum	M	M	M	M	M

	TDS
N	0

Lo 95% CI	M
Mean	M
Up 95% CI	M
SD	M
SE Mean	M
C.V.	M
Minimum	M
1st Quartile	M
Median	M
3rd Quartile	M
Maximum	M

Descriptive Statistics for SITEIDA = KR22822

	ALKT	BOD	CHLA	COND	DEPTH
N	9	17	17	21	100
Lo 95% CI	58.978	2.2290	6.8122	139.54	0.4094
Mean	71.444	3.1012	14.541	165.10	0.4190
Up 95% CI	83.911	3.9733	22.270	190.65	0.4286
SD	16.218	1.6963	15.033	56.144	0.0486
SE Mean	5.4060	0.4114	3.6459	12.252	4.861E-03
C.V.	22.700	54.697	103.38	34.007	11.601
Minimum	56.000	1.0000	2.0000	55.000	0.2000
1st Quartile	57.000	1.5000	3.6500	120.50	0.4000
Median	69.000	3.0000	8.8000	155.00	0.4000
3rd Quartile	82.500	4.0000	20.800	222.50	0.4000
Maximum	102.00	7.0000	58.000	256.00	0.5000

	DOCON	DOPER	NH3	NO3	ORP
N	26	94	23	23	15
Lo 95% CI	8.6742	97.747	0.0998	0.3176	152.93
Mean	9.3838	99.216	0.1403	0.4560	163.93
Up 95% CI	10.093	100.68	0.1808	0.5944	174.94
SD	1.7569	7.1718	0.0937	0.3201	19.869
SE Mean	0.3446	0.7397	0.0195	0.0667	5.1302
C.V.	18.723	7.2285	66.759	70.192	12.120
Minimum	6.6000	67.600	0.0250	0.0250	134.00
1st Quartile	8.2150	97.375	0.0800	0.1900	153.00
Median	9.1900	99.150	0.1190	0.3900	161.00
3rd Quartile	10.545	103.22	0.1800	0.7100	174.00
Maximum	13.650	124.20	0.4700	1.0500	204.00

	PH	PO4	PT	REDOX	SECCHI
N	93	23	23	6	0
Lo 95% CI	8.0439	0.1068	0.1844	153.57	M
Mean	8.1305	0.1517	0.2380	176.33	M
Up 95% CI	8.2172	0.1965	0.2915	199.10	M
SD	0.4207	0.1038	0.1239	21.695	M
SE Mean	0.0436	0.0216	0.0258	8.8569	M
C.V.	5.1744	68.463	52.059	12.303	M
Minimum	6.8000	-0.0140	0.0540	157.00	M
1st Quartile	7.9200	0.0660	0.1500	160.00	M
Median	8.0100	0.1290	0.2300	166.00	M
3rd Quartile	8.2850	0.2100	0.3000	204.00	M
Maximum	9.8200	0.4500	0.5000	204.00	M

	SPC	TEMP	TIN	TINPTRATI	TKN
N	88	99	23	23	23
Lo 95% CI	168.46	13.116	0.4458	2.1528	1.0707
Mean	176.77	13.755	0.5963	3.5139	1.3022
Up 95% CI	185.09	14.394	0.7468	4.8750	1.5337
SD	39.236	3.2053	0.3480	3.1475	0.5353
SE Mean	4.1826	0.3221	0.0726	0.6563	0.1116
C.V.	22.196	23.303	58.363	89.573	41.111
Minimum	88.000	5.2900	0.0500	0.3100	0.1000
1st Quarti	155.00	12.170	0.3090	1.0600	1.0000
Median	158.00	13.020	0.5600	2.7900	1.2500
3rd Quarti	191.50	14.690	0.9300	5.4700	1.7200
Maximum	312.00	24.200	1.1980	11.890	2.1100

	TNTP	TOTN	TSS	TURB	TVS
N	23	23	8	8	8
Lo 95% CI	6.9528	1.4421	3.2725	5.2262	0.4520
Mean	10.280	1.7582	7.4500	8.0938	2.0000
Up 95% CI	13.608	2.0743	11.627	10.961	3.5480
SD	7.6947	0.7310	4.9969	3.4300	1.8516
SE Mean	1.6045	0.1524	1.7667	1.2127	0.6547
C.V.	74.850	41.576	67.072	42.379	92.582
Minimum	0.4651	0.2000	2.0000	3.3900	0.0000
1st Quarti	4.3600	1.2100	4.5500	5.1450	0.5000
Median	8.9643	1.7400	6.0000	7.8500	2.0000
3rd Quarti	15.267	2.2900	10.150	11.300	2.0000
Maximum	30.111	2.8500	18.000	13.400	6.0000

	TDS
N	0
Lo 95% CI	M
Mean	M
Up 95% CI	M
SD	M
SE Mean	M
C.V.	M
Minimum	M
1st Quarti	M
Median	M
3rd Quarti	M
Maximum	M

Descriptive Statistics for SITEIDA = KR23334

	ALKT	BOD	CHLA	COND	DEPTH
N	9	17	17	16	24
Lo 95% CI	61.704	2.9448	10.544	138.67	0.4483
Mean	73.444	5.0335	25.765	166.94	0.5333
Up 95% CI	85.185	7.1223	40.985	195.21	0.6184
SD	15.273	4.0625	29.603	53.054	0.2014
SE Mean	5.0911	0.9853	7.1799	13.264	0.0411
C.V.	20.796	80.708	114.90	31.781	37.771
Minimum	60.000	1.0000	2.0000	88.000	0.1000
1st Quarti	61.000	3.0000	4.7500	120.75	0.5000
Median	72.000	4.0000	10.200	166.50	0.5000
3rd Quarti	83.500	5.5000	52.400	221.75	0.5000

Maximum	104.00	19.000	88.000	250.00	1.0000
	DOCON	DOPER	NH3	NO3	ORP
N	24	20	23	23	13
Lo 95% CI	8.0473	83.475	0.2184	0.0525	116.75
Mean	8.7775	89.720	0.3175	0.0893	143.38
Up 95% CI	9.5077	95.965	0.4167	0.1262	170.02
SD	1.7292	13.344	0.2293	0.0853	44.069
SE Mean	0.3530	2.9837	0.0478	0.0178	12.223
C.V.	19.700	14.873	72.211	95.444	30.735
Minimum	5.1100	48.400	0.0250	4.000E-03	53.000
1st Quarti	7.3100	82.700	0.1400	0.0250	116.00
Median	8.6700	91.200	0.2200	0.0570	150.00
3rd Quarti	10.143	94.925	0.5500	0.1300	165.00
Maximum	11.940	115.50	0.8200	0.3600	210.00
	PH	PO4	PT	REDOX	SECCHI
N	21	23	23	5	0
Lo 95% CI	8.1370	0.0800	0.1852	77.015	M
Mean	8.4200	0.1130	0.2517	155.40	M
Up 95% CI	8.7030	0.1461	0.3182	233.79	M
SD	0.6218	0.0764	0.1538	63.129	M
SE Mean	0.1357	0.0159	0.0321	28.232	M
C.V.	7.3850	67.586	61.081	40.624	M
Minimum	7.6100	-0.0190	0.0250	53.000	M
1st Quarti	7.7500	0.0510	0.1400	102.50	M
Median	8.4600	0.1200	0.2600	157.00	M
3rd Quarti	9.0050	0.1800	0.3100	207.50	M
Maximum	9.7800	0.2400	0.6300	210.00	M
	SPC	TEMP	TIN	TINPTRATI	TKN
N	21	24	23	23	23
Lo 95% CI	170.19	13.406	0.2978	1.3667	1.3293
Mean	194.71	15.765	0.4069	4.0417	1.6343
Up 95% CI	219.24	18.123	0.5160	6.7168	1.9394
SD	53.885	5.5853	0.2523	6.1860	0.7054
SE Mean	11.759	1.1401	0.0526	1.2899	0.1471
C.V.	27.674	35.429	62.005	153.05	43.162
Minimum	131.00	5.0200	0.0850	0.3000	0.1000
1st Quarti	143.50	12.887	0.1950	0.6400	1.0000
Median	186.00	15.870	0.2700	1.3900	1.6000
3rd Quarti	240.50	20.987	0.6800	5.1500	2.3000
Maximum	292.00	24.100	0.8770	25.200	2.7200
	TNTP	TOTN	TSS	TURB	TVS
N	23	23	8	8	8
Lo 95% CI	6.3507	1.4268	3.0629	4.3798	0.8791
Mean	15.419	1.7237	10.750	11.735	3.7250
Up 95% CI	24.487	2.0206	18.437	19.090	6.5709
SD	20.970	0.6866	9.1949	8.7978	3.4041
SE Mean	4.3725	0.1432	3.2509	3.1105	1.2035
C.V.	136.00	39.833	85.534	74.971	91.385
Minimum	0.6667	0.1800	2.0000	4.4000	0.0000
1st Quarti	3.4524	1.1300	6.5000	5.5050	1.2500
Median	7.7559	1.6250	8.0000	9.0800	3.2000
3rd Quarti	14.262	2.3190	11.200	14.575	4.8500
Maximum	87.667	2.7770	32.400	31.400	11.000

	TDS
N	0
Lo 95% CI	M
Mean	M
Up 95% CI	M
SD	M
SE Mean	M
C.V.	M
Minimum	M
1st Quartile	M
Median	M
3rd Quartile	M
Maximum	M

Descriptive Statistics for SITEIDA = KR23360E

	ALKT	BOD	CHLA	COND	DEPTH
N	5	5	3	18	18
Lo 95% CI	54.272	3.3811	-6.8879	96.742	0.6950
Mean	59.000	10.800	39.800	102.61	1.2222
Up 95% CI	63.728	18.219	86.488	108.48	1.7495
SD	3.8079	5.9749	18.794	11.803	1.0603
SE Mean	1.7029	2.6721	10.851	2.7820	0.2499
C.V.	6.4540	55.324	47.222	11.503	86.750
Minimum	55.000	6.0000	28.700	90.000	0.0000
1st Quartile	55.000	7.0000	28.700	91.750	0.0000
Median	60.000	8.0000	29.200	96.500	1.0000
3rd Quartile	62.500	16.000	61.500	114.00	2.0000
Maximum	63.000	21.000	61.500	119.00	4.0000

	DOCON	DOPER	NH3	NO3	ORP
N	18	18	3	3	0
Lo 95% CI	5.2544	53.889	0.7563	0.0270	M
Mean	6.3044	65.661	1.0767	0.0700	M
Up 95% CI	7.3545	77.434	1.3970	0.1130	M
SD	2.1115	23.674	0.1290	0.0173	M
SE Mean	0.4977	5.5799	0.0745	0.0100	M
C.V.	33.492	36.054	11.979	24.744	M
Minimum	2.4200	28.400	0.9700	0.0600	M
1st Quartile	4.6800	44.800	0.9700	0.0600	M
Median	6.6250	62.800	1.0400	0.0600	M
3rd Quartile	7.2825	82.875	1.2200	0.0900	M
Maximum	10.760	119.00	1.2200	0.0900	M

	PH	PO4	PT	REDOX	SECCHI
N	18	3	4	0	5
Lo 95% CI	7.3463	-0.0508	-0.0550	M	0.7205
Mean	7.6539	0.1633	0.3925	M	0.9260
Up 95% CI	7.9614	0.3775	0.8400	M	1.1315
SD	0.6185	0.0862	0.2812	M	0.1655
SE Mean	0.1458	0.0498	0.1406	M	0.0740
C.V.	8.0805	52.786	71.652	M	17.869
Minimum	6.9500	0.0700	0.0900	M	0.7000
1st Quartile	7.0700	0.0700	0.1300	M	0.7900
Median	7.4950	0.1800	0.3750	M	0.9000

3rd Quarti	8.2750	0.2400	0.6725	M	1.0750
Maximum	8.6900	0.2400	0.7300	M	1.1500

	SPC	TEMP	TIN	TINPTRATI	TKN
N	18	18	3	4	4
Lo 95% CI	115.68	14.670	0.7921	-1.1512	1.5436
Mean	120.28	17.499	1.1067	2.0925	2.9750
Up 95% CI	124.88	20.328	1.4212	5.3362	4.4064
SD	9.2470	5.6892	0.1266	2.0385	0.8995
SE Mean	2.1795	1.3410	0.0731	1.0192	0.4498
C.V.	7.6880	32.512	11.442	97.419	30.237
Minimum	106.00	7.5700	0.9700	0.0000	1.7000
1st Quarti	117.00	13.298	0.9700	0.3875	2.0250
Median	120.50	19.250	1.1300	1.7450	3.2500
3rd Quarti	124.25	21.803	1.2200	4.1450	3.6500
Maximum	135.00	24.270	1.2200	4.8800	3.7000

	TNTP	TOTN	TSS	TURB	TVS
N	2	3	0	0	0
Lo 95% CI	M	0.3412	M	M	M
Mean	23.005	2.8700	M	M	M
Up 95% CI	M	5.3988	M	M	M
SD	26.548	1.0180	M	M	M
SE Mean	18.772	0.5877	M	M	M
C.V.	115.40	35.470	M	M	M
Minimum	4.2329	1.7600	M	M	M
1st Quarti	M	1.7600	M	M	M
Median	23.005	3.0900	M	M	M
3rd Quarti	M	3.7600	M	M	M
Maximum	41.778	3.7600	M	M	M

	TDS
N	0
Lo 95% CI	M
Mean	M
Up 95% CI	M
SD	M
SE Mean	M
C.V.	M
Minimum	M
1st Quarti	M
Median	M
3rd Quarti	M
Maximum	M

Descriptive Statistics for SITEIDA = KR23360H

	ALKT	BOD	CHLA	COND	DEPTH
N	3	3	2	21	21
Lo 95% CI	59.516	-1.9567	M	97.428	3.8344
Mean	62.000	7.0000	29.250	102.67	4.2762
Up 95% CI	64.484	15.957	M	107.91	4.7180
SD	1.0000	3.6056	24.678	11.508	0.9705
SE Mean	0.5774	2.0817	17.450	2.5112	0.2118
C.V.	1.6129	51.508	84.369	11.209	22.696
Minimum	61.000	4.0000	11.800	90.000	3.0000

1st Quarti	61.000	4.0000	M	91.000	3.0000
Median	62.000	6.0000	29.250	108.00	4.0000
3rd Quarti	63.000	11.000	M	114.00	5.0000
Maximum	63.000	11.000	46.700	118.00	5.5000

	DOCON	DOPER	NH3	NO3	ORP
N	21	21	3	1	0
Lo 95% CI	1.9217	18.890	0.3378	M	M
Mean	3.1219	30.005	1.1467	1.2200	M
Up 95% CI	4.3221	41.120	1.9556	M	M
SD	2.6367	24.418	0.3256	M	M
SE Mean	0.5754	5.3284	0.1880	M	M
C.V.	84.459	81.380	28.398	M	M
Minimum	0.1100	1.3000	0.8100	1.2200	M
1st Quarti	0.6150	6.5000	0.8100	M	M
Median	1.7400	19.200	1.1700	1.2200	M
3rd Quarti	6.1700	55.200	1.4600	M	M
Maximum	6.6700	69.300	1.4600	1.2200	M

	PH	PO4	PT	REDOX	SECCHI
N	21	3	3	0	0
Lo 95% CI	6.9552	-0.0375	0.1913	M	M
Mean	7.2057	0.1933	0.3567	M	M
Up 95% CI	7.4563	0.4241	0.5221	M	M
SD	0.5505	0.0929	0.0666	M	M
SE Mean	0.1201	0.0536	0.0384	M	M
C.V.	7.6391	48.060	18.668	M	M
Minimum	6.4800	0.0900	0.2800	M	M
1st Quarti	6.7650	0.0900	0.2800	M	M
Median	6.9400	0.2200	0.3900	M	M
3rd Quarti	7.4500	0.2700	0.4000	M	M
Maximum	8.3400	0.2700	0.4000	M	M

	SPC	TEMP	TIN	TINPTRATI	TKN
N	21	21	3	3	3
Lo 95% CI	119.13	14.071	0.4664	1.1623	2.7681
Mean	123.00	16.536	1.5533	4.4467	3.5667
Up 95% CI	126.87	19.001	2.6402	7.7310	4.3652
SD	8.5088	5.4152	0.4375	1.3221	0.3215
SE Mean	1.8568	1.1817	0.2526	0.7633	0.1856
C.V.	6.9177	32.748	28.167	29.733	9.0128
Minimum	105.00	7.5600	1.1700	2.9200	3.2000
1st Quarti	121.00	12.755	1.1700	2.9200	3.2000
Median	124.00	17.980	1.4600	5.2100	3.7000
3rd Quarti	125.00	20.955	2.0300	5.2100	3.8000
Maximum	135.00	23.190	2.0300	5.2100	3.8000

	TNTP	TOTN	TSS	TURB	TVS
N	1	1	0	0	0
Lo 95% CI	M	M	M	M	M
Mean	12.872	5.0200	M	M	M
Up 95% CI	M	M	M	M	M
SD	M	M	M	M	M
SE Mean	M	M	M	M	M
C.V.	M	M	M	M	M
Minimum	12.872	5.0200	M	M	M
1st Quarti	M	M	M	M	M

Median	12.872	5.0200	M	M	M
3rd Quarti	M	M	M	M	M
Maximum	12.872	5.0200	M	M	M

TDS

N	0
Lo 95% CI	M
Mean	M
Up 95% CI	M
SD	M
SE Mean	M
C.V.	M
Minimum	M
1st Quarti	M
Median	M
3rd Quarti	M
Maximum	M

Descriptive Statistics for SITEIDA = KR23490

	ALKT	BOD	CHLA	COND	DEPTH
N	27	36	37	27	115
Lo 95% CI	71.845	3.8033	13.133	156.18	1.3797
Mean	83.437	4.9144	21.170	178.78	1.6609
Up 95% CI	95.029	6.0255	29.207	201.38	1.9421
SD	29.302	3.2839	24.105	57.124	1.5222
SE Mean	5.6392	0.5473	3.9629	10.993	0.1419
C.V.	35.119	66.821	113.86	31.952	91.652
Minimum	2.0000	1.0000	0.0000	89.000	0.1000
1st Quarti	69.000	3.0000	5.6000	133.00	0.5000
Median	80.000	3.8500	15.000	165.00	1.0000
3rd Quarti	89.000	6.0000	28.500	232.00	3.0000
Maximum	156.00	19.000	123.00	315.00	5.0000

	DOCON	DOPER	NH3	NO3	ORP
N	111	97	36	31	110
Lo 95% CI	5.8322	69.333	0.2695	0.1299	110.80
Mean	6.4214	76.380	0.3730	0.2926	132.07
Up 95% CI	7.0105	83.428	0.4766	0.4554	153.35
SD	3.1323	34.968	0.3060	0.4436	112.59
SE Mean	0.2973	3.5505	0.0510	0.0797	10.735
C.V.	48.780	45.782	82.024	151.60	85.251
Minimum	0.0600	0.8000	0.0400	0.0000	-185.00
1st Quarti	3.9700	50.600	0.1333	0.0500	68.750
Median	6.5500	72.600	0.2795	0.1000	113.50
3rd Quarti	8.4600	97.850	0.4900	0.3400	161.50
Maximum	13.330	170.70	1.4700	1.8900	604.00

	PH	PO4	PT	REDOX	SECCHI
N	111	36	36	97	14
Lo 95% CI	8.1732	0.1187	0.1952	107.16	0.7478
Mean	8.2710	0.1658	0.2472	131.27	0.9679
Up 95% CI	8.3688	0.2128	0.2991	155.37	1.1879
SD	0.5201	0.1391	0.1536	119.59	0.3811
SE Mean	0.0494	0.0232	0.0256	12.143	0.1019
C.V.	6.2887	83.901	62.130	91.107	39.375

Minimum	7.1300	-0.0210	0.0200	-185.00	0.4000
1st Quarti	7.9300	0.0678	0.1438	67.000	0.7000
Median	8.2700	0.1300	0.2150	103.00	0.8750
3rd Quarti	8.6100	0.2475	0.3250	166.50	1.2000
Maximum	9.1900	0.6200	0.6200	604.00	1.7000

	SPC	TEMP	TIN	TINPTRATI	TKN
N	111	111	36	36	36
Lo 95% CI	199.20	16.040	0.4192	2.4192	1.4795
Mean	209.51	16.936	0.6250	3.6711	1.7356
Up 95% CI	219.83	17.832	0.8309	4.9231	1.9916
SD	54.839	4.7620	0.6084	3.7002	0.7568
SE Mean	5.2050	0.4520	0.1014	0.6167	0.1261
C.V.	26.174	28.118	97.333	100.79	43.606
Minimum	138.10	4.3900	0.0900	0.4300	0.1000
1st Quarti	165.00	13.290	0.2450	1.0525	1.1250
Median	195.00	18.080	0.4200	1.7550	1.6000
3rd Quarti	251.00	20.720	0.7498	5.5125	2.3775
Maximum	355.00	25.440	3.0000	12.500	3.5000

	TNTP	TOTN	TSS	TURB	TVS
N	31	31	8	22	8
Lo 95% CI	9.0725	1.6602	5.8241	4.9346	0.9316
Mean	13.292	2.0081	8.2500	6.1123	2.8500
Up 95% CI	17.511	2.3560	10.676	7.2900	4.7684
SD	11.502	0.9484	2.9017	2.6562	2.2947
SE Mean	2.0659	0.1703	1.0259	0.5663	0.8113
C.V.	86.539	47.229	35.172	43.457	80.516
Minimum	1.4262	0.8500	3.2000	2.3000	1.0000
1st Quarti	5.0000	1.2500	6.2500	4.1250	1.2500
Median	9.5882	1.7900	8.5000	5.7700	2.0000
3rd Quarti	20.100	2.5090	11.000	7.0000	3.7000
Maximum	52.500	4.8900	12.000	13.100	8.0000

	TDS
N	27
Lo 95% CI	129.94
Mean	148.85
Up 95% CI	167.77
SD	47.818
SE Mean	9.2026
C.V.	32.125
Minimum	2.0000
1st Quarti	119.00
Median	144.00
3rd Quarti	184.00
Maximum	227.00

Descriptive Statistics for SITEIDA = KR23828

	ALKT	BOD	CHLA	COND	DEPTH
N	14	13	14	0	97
Lo 95% CI	72.612	3.4493	11.145	M	2.0155
Mean	80.929	4.6923	28.329	M	2.3825
Up 95% CI	89.245	5.9353	45.513	M	2.7494
SD	14.403	2.0569	29.762	M	1.8206

SE Mean	3.8495	0.5705	7.9542	M	0.1849
C.V.	17.798	43.835	105.06	M	76.416
Minimum	60.000	3.0000	3.2000	M	0.1000
1st Quarti	69.250	3.0000	12.000	M	0.5000
Median	80.500	4.0000	14.500	M	2.0000
3rd Quarti	91.250	7.0000	39.000	M	4.0000
Maximum	114.00	8.0000	114.00	M	5.6000

	DOCON	DOPER	NH3	NO3	ORP
N	97	97	14	9	97
Lo 95% CI	5.3569	64.290	0.1303	0.0492	61.884
Mean	6.0444	72.529	0.2857	0.0656	81.515
Up 95% CI	6.7320	80.768	0.4411	0.0819	101.15
SD	3.4114	40.878	0.2692	0.0213	97.406
SE Mean	0.3464	4.1505	0.0719	7.093E-03	9.8901
C.V.	56.438	56.361	94.223	32.459	119.49
Minimum	0.0400	0.5000	0.0700	0.0500	-300.00
1st Quarti	3.1650	41.450	0.0800	0.0500	61.000
Median	6.0300	75.300	0.1850	0.0500	105.00
3rd Quarti	9.0450	100.10	0.3750	0.0850	131.50
Maximum	14.260	183.50	1.0300	0.1000	232.00

	PH	PO4	PT	REDOX	SECCHI
N	97	14	14	97	16
Lo 95% CI	8.2102	0.1338	0.2459	61.884	0.7247
Mean	8.3068	0.1886	0.3164	81.515	0.8937
Up 95% CI	8.4034	0.2433	0.3869	101.15	1.0628
SD	0.4795	0.0948	0.1221	97.406	0.3172
SE Mean	0.0487	0.0253	0.0326	9.8901	0.0793
C.V.	5.7722	50.260	38.598	119.49	35.493
Minimum	7.3300	0.0700	0.1400	-300.00	0.5000
1st Quarti	7.9750	0.1025	0.2375	61.000	0.6250
Median	8.3500	0.1800	0.3000	105.00	0.8000
3rd Quarti	8.6750	0.2625	0.3600	131.50	1.1000
Maximum	9.3300	0.3900	0.6500	232.00	1.6000

	SPC	TEMP	TIN	TINPTRATI	TKN
N	97	97	14	14	14
Lo 95% CI	211.07	17.261	0.1679	0.4868	1.2411
Mean	223.02	18.102	0.3279	1.1350	1.7686
Up 95% CI	234.96	18.944	0.4878	1.7832	2.2960
SD	59.283	4.1770	0.2770	1.1226	0.9135
SE Mean	6.0193	0.4241	0.0740	0.3000	0.2441
C.V.	26.583	23.074	84.486	98.911	51.651
Minimum	126.60	11.100	0.0700	0.2600	0.2600
1st Quarti	174.50	13.085	0.1650	0.5025	1.0000
Median	224.00	18.770	0.2450	0.9000	1.6500
3rd Quarti	259.00	21.400	0.4100	1.1900	2.5250
Maximum	413.00	25.910	1.1000	4.5800	3.2000

	TNTP	TOTN	TSS	TURB	TVS
N	9	9	0	16	0
Lo 95% CI	2.8898	1.1008	M	4.5597	M
Mean	5.5777	1.7433	M	5.4938	M
Up 95% CI	8.2656	2.3858	M	6.4278	M
SD	3.4968	0.8359	M	1.7529	M
SE Mean	1.1656	0.2786	M	0.4382	M

C.V.	62.692	47.947	M	31.907	M
Minimum	2.6923	0.8000	M	2.3000	M
1st Quartile	3.0724	1.0500	M	4.2500	M
Median	4.1667	1.4000	M	5.7000	M
3rd Quartile	7.3636	2.5000	M	6.7000	M
Maximum	13.625	3.2700	M	9.1000	M

TDS	
N	14
Lo 95% CI	137.66
Mean	163.93
Up 95% CI	190.20
SD	45.496
SE Mean	12.159
C.V.	27.754
Minimum	107.00
1st Quartile	137.00
Median	151.00
3rd Quartile	191.75
Maximum	273.00

Descriptive Statistics for SITEIDA = KR24148

	ALKT	BOD	CHLA	COND	DEPTH
N	14	14	14	0	96
Lo 95% CI	53.537	4.1843	18.772	M	2.0132
Mean	61.000	5.5000	37.921	M	2.3917
Up 95% CI	68.463	6.8157	57.071	M	2.7701
SD	12.926	2.2787	33.166	M	1.8678
SE Mean	3.4546	0.6090	8.8639	M	0.1906
C.V.	21.190	41.430	87.459	M	78.095
Minimum	48.000	3.0000	3.2000	M	0.1000
1st Quartile	51.750	3.0000	12.500	M	0.5000
Median	57.000	5.0000	30.000	M	2.0000
3rd Quartile	68.000	7.0000	58.000	M	4.0000
Maximum	88.000	10.000	107.00	M	6.0000

	DOCON	DOPER	NH3	NO3	ORP
N	95	95	14	9	95
Lo 95% CI	6.6841	81.191	0.1193	0.0490	76.982
Mean	7.4403	90.725	0.2679	0.0633	91.684
Up 95% CI	8.1965	100.26	0.4164	0.0777	106.39
SD	3.7121	46.803	0.2572	0.0187	72.170
SE Mean	0.3808	4.8018	0.0687	6.236E-03	7.4045
C.V.	49.891	51.587	96.025	29.539	78.716
Minimum	0.0600	0.7000	0.0500	0.0500	-225.00
1st Quartile	4.2800	52.700	0.0850	0.0500	49.000
Median	8.6400	98.400	0.1600	0.0500	101.00
3rd Quartile	9.4700	116.00	0.4800	0.0800	124.00
Maximum	15.470	192.00	0.9300	0.1000	243.00

	PH	PO4	PT	REDOX	SECCHI
N	95	14	14	95	12
Lo 95% CI	8.2664	0.0796	0.1934	76.982	0.7516
Mean	8.3809	0.1350	0.2321	91.684	0.9000
Up 95% CI	8.4955	0.1904	0.2709	106.39	1.0484

SD	0.5621	0.0959	0.0672	72.170	0.2335
SE Mean	0.0577	0.0256	0.0179	7.4045	0.0674
C.V.	6.7074	71.035	28.930	78.716	25.950
Minimum	7.1000	0.0500	0.1300	-225.00	0.6000
1st Quarti	8.0400	0.0800	0.1900	49.000	0.7000
Median	8.2400	0.1050	0.2200	101.00	0.9000
3rd Quarti	8.8300	0.1575	0.2500	124.00	1.1000
Maximum	9.4200	0.4400	0.4000	243.00	1.3000

	SPC	TEMP	TIN	TINPTRATI	TKN
N	95	95	14	14	14
Lo 95% CI	130.72	17.158	0.1595	0.6878	1.4331
Mean	136.81	18.012	0.3086	1.3864	1.9357
Up 95% CI	142.91	18.866	0.4576	2.0850	2.4384
SD	29.928	4.1931	0.2581	1.2099	0.8705
SE Mean	3.0706	0.4302	0.0690	0.3234	0.2327
C.V.	21.875	23.279	83.652	87.268	44.973
Minimum	109.80	10.730	0.0700	0.3500	0.5000
1st Quarti	118.80	13.160	0.1275	0.6150	1.0750
Median	124.30	18.930	0.2100	0.8350	2.0000
3rd Quarti	136.00	21.050	0.4800	2.3850	2.5750
Maximum	298.00	25.560	0.9800	4.4500	3.5000

	TNTP	TOTN	TSS	TURB	TVS
N	9	9	0	12	0
Lo 95% CI	3.9218	0.9820	M	4.9948	M
Mean	6.9780	1.6967	M	6.0333	M
Up 95% CI	10.034	2.4113	M	7.0718	M
SD	3.9760	0.9297	M	1.6345	M
SE Mean	1.3253	0.3099	M	0.4718	M
C.V.	56.978	54.796	M	27.091	M
Minimum	3.4848	0.5500	M	3.3000	M
1st Quarti	4.2458	1.0150	M	4.5750	M
Median	5.5263	1.4000	M	6.0500	M
3rd Quarti	9.0189	2.2650	M	7.2000	M
Maximum	16.136	3.5500	M	9.1000	M

	TDS
N	14
Lo 95% CI	96.175
Mean	109.21
Up 95% CI	122.25
SD	22.584
SE Mean	6.0358
C.V.	20.678
Minimum	70.000
1st Quarti	96.000
Median	105.00
3rd Quarti	128.50
Maximum	147.00

Descriptive Statistics for SITEIDA = KR24589

	ALKT	BOD	CHLA	COND	DEPTH
N	27	28	28	13	90
Lo 95% CI	56.250	4.3745	14.502	109.57	1.2703

Mean	64.841	5.1786	36.021	131.00	1.5767
Up 95% CI	73.431	5.9827	57.541	152.43	1.8830
SD	21.716	2.0737	55.497	35.466	1.4626
SE Mean	4.1792	0.3919	10.488	9.8365	0.1542
C.V.	33.491	40.044	154.07	27.073	92.768
Minimum	20.500	3.0000	2.1000	101.90	0.1000
1st Quarti	51.000	3.2500	6.5000	105.60	0.5000
Median	60.000	5.0000	18.000	118.10	1.0000
3rd Quarti	74.000	6.7500	50.250	145.00	3.0000
Maximum	128.00	10.000	288.00	205.00	5.0000

	DOCON	DOPER	NH3	NO3	ORP
N	89	76	28	23	88
Lo 95% CI	4.3944	53.212	0.3143	0.1426	107.74
Mean	5.0778	62.670	0.4386	0.4570	135.70
Up 95% CI	5.7611	72.128	0.5628	0.7713	163.67
SD	3.2438	41.389	0.3204	0.7270	132.00
SE Mean	0.3438	4.7477	0.0606	0.1516	14.071
C.V.	63.882	66.043	73.064	159.09	97.268
Minimum	0.0500	0.6000	0.0500	0.0500	-153.00
1st Quarti	2.6700	35.750	0.1725	0.0500	51.000
Median	4.3200	55.350	0.3800	0.1000	117.50
3rd Quarti	8.3400	93.500	0.5850	0.4200	172.00
Maximum	13.650	187.20	1.5300	2.3000	564.00

	PH	PO4	PT	REDOX	SECCHI
N	89	28	28	88	14
Lo 95% CI	7.8061	0.1204	0.1973	107.74	0.8001
Mean	7.9469	0.1704	0.2575	135.70	0.9429
Up 95% CI	8.0876	0.2203	0.3177	163.67	1.0856
SD	0.6682	0.1289	0.1553	132.00	0.2472
SE Mean	0.0708	0.0244	0.0293	14.071	0.0661
C.V.	8.4082	75.672	60.308	97.268	26.216
Minimum	7.0700	0.0500	0.0800	-153.00	0.6000
1st Quarti	7.4350	0.0825	0.1725	51.000	0.6750
Median	7.6500	0.1450	0.2100	117.50	1.0500
3rd Quarti	8.6050	0.2050	0.3175	172.00	1.1000
Maximum	9.4200	0.5500	0.7100	564.00	1.3000

	SPC	TEMP	TIN	TINPTRATI	TKN
N	89	89	28	28	28
Lo 95% CI	128.82	16.761	0.4699	2.2947	1.5853
Mean	135.71	17.695	0.8139	3.7896	1.9500
Up 95% CI	142.60	18.628	1.1579	5.2846	2.3147
SD	32.708	4.4318	0.8872	3.8552	0.9406
SE Mean	3.4670	0.4698	0.1677	0.7286	0.1778
C.V.	24.101	25.046	109.00	101.73	48.238
Minimum	103.60	4.1900	0.1000	0.4500	0.7000
1st Quarti	115.40	13.525	0.3250	1.0000	0.9000
Median	122.30	18.620	0.5150	2.8450	1.9000
3rd Quarti	130.25	20.165	0.9025	4.7475	2.5000
Maximum	255.00	26.000	3.8300	15.960	4.0000

	TNTP	TOTN	TSS	TURB	TVS
N	23	23	0	14	0
Lo 95% CI	6.8713	1.6481	M	4.6154	M
Mean	10.545	2.2917	M	5.3571	M

Up 95% CI	14.219	2.9354	M	6.0989	M
SD	8.4962	1.4885	M	1.2847	M
SE Mean	1.7716	0.3104	M	0.3433	M
C.V.	80.569	64.952	M	23.980	M
Minimum	2.5000	0.8300	M	3.8000	M
1st Quarti	5.2778	0.9500	M	4.1750	M
Median	7.4821	1.8300	M	5.1500	M
3rd Quarti	14.667	3.2500	M	6.5250	M
Maximum	37.250	5.7500	M	7.4000	M

TDS

N	27
Lo 95% CI	98.525
Mean	108.67
Up 95% CI	118.81
SD	25.638
SE Mean	4.9340
C.V.	23.593
Minimum	31.000
1st Quarti	95.000
Median	108.00
3rd Quarti	123.00
Maximum	151.00

Descriptive Statistics for SITEIDA = KR25079

	ALKT	BOD	CHLA	COND	DEPTH
N	14	14	14	0	66
Lo 95% CI	51.021	3.7697	13.819	M	1.1573
Mean	53.714	6.2857	48.836	M	1.4439
Up 95% CI	56.408	8.8017	83.852	M	1.7306
SD	4.6646	4.3576	60.647	M	1.1659
SE Mean	1.2467	1.1646	16.209	M	0.1435
C.V.	8.6840	69.326	124.19	M	80.747
Minimum	48.000	3.0000	2.7000	M	0.1000
1st Quarti	49.750	3.0000	6.1250	M	0.5000
Median	52.000	4.5000	26.500	M	1.0000
3rd Quarti	59.000	9.2500	96.000	M	2.0750
Maximum	60.000	18.000	215.00	M	4.0000

	DOCON	DOPER	NH3	NO3	ORP
N	66	66	13	9	66
Lo 95% CI	5.5764	66.641	0.2192	0.0537	106.13
Mean	6.1226	72.689	0.3192	0.1033	123.85
Up 95% CI	6.6688	78.738	0.4193	0.1530	141.57
SD	2.2218	24.604	0.1656	0.0646	72.090
SE Mean	0.2735	3.0285	0.0459	0.0215	8.8736
C.V.	36.288	33.848	51.860	62.530	58.208
Minimum	1.3200	17.400	0.0800	0.0500	12.000
1st Quarti	4.3350	54.100	0.1600	0.0500	96.750
Median	5.9350	71.450	0.3300	0.1000	113.00
3rd Quarti	8.7025	95.125	0.4800	0.1300	137.75
Maximum	10.080	127.50	0.5700	0.2500	289.00

	PH	PO4	PT	REDOX	SECCHI
N	66	14	14	66	14

Lo 95% CI	8.1296	0.0701	0.1673	106.13	0.7226
Mean	8.2741	0.1400	0.2093	123.85	0.8393
Up 95% CI	8.4186	0.2099	0.2513	141.57	0.9560
SD	0.5876	0.1211	0.0727	72.090	0.2021
SE Mean	0.0723	0.0324	0.0194	8.8736	0.0540
C.V.	7.1022	86.489	34.733	58.208	24.078
Minimum	7.1700	0.0500	0.1200	12.000	0.4000
1st Quartile	7.7400	0.0700	0.1625	96.750	0.7000
Median	8.2850	0.1050	0.2000	113.00	0.8000
3rd Quartile	8.8150	0.1600	0.2250	137.75	1.0000
Maximum	9.4300	0.5300	0.3700	289.00	1.2000

	SPC	TEMP	TIN	TINPTRATI	TKN
N	66	66	14	14	14
Lo 95% CI	116.54	16.476	0.2440	1.1963	1.4184
Mean	118.66	17.451	0.3629	1.7479	1.9929
Up 95% CI	120.78	18.426	0.4817	2.2994	2.5673
SD	8.6343	3.9657	0.2059	0.9553	0.9950
SE Mean	1.0628	0.4881	0.0550	0.2553	0.2659
C.V.	7.2764	22.725	56.742	54.655	49.926
Minimum	101.40	11.020	0.0000	0.0000	0.5000
1st Quartile	110.75	12.690	0.2125	1.1075	0.7750
Median	119.55	18.765	0.3400	1.6200	2.2000
3rd Quartile	124.82	20.655	0.5625	2.6625	2.5250
Maximum	139.20	24.270	0.7600	3.1700	3.6000

	TNTP	TOTN	TSS	TURB	TVS
N	9	9	0	14	0
Lo 95% CI	4.6896	0.9982	M	4.8360	M
Mean	7.5925	1.7367	M	10.079	M
Up 95% CI	10.495	2.4751	M	15.321	M
SD	3.7764	0.9607	M	9.0798	M
SE Mean	1.2588	0.3202	M	2.4267	M
C.V.	49.739	55.318	M	90.090	M
Minimum	2.9545	0.6000	M	4.5000	M
1st Quartile	4.1410	0.7100	M	6.0500	M
Median	7.0541	2.4500	M	7.4000	M
3rd Quartile	10.938	2.5800	M	10.550	M
Maximum	14.167	2.6500	M	40.400	M

	TDS
N	14
Lo 95% CI	96.283
Mean	106.36
Up 95% CI	116.43
SD	17.447
SE Mean	4.6629
C.V.	16.404
Minimum	74.000
1st Quartile	92.000
Median	108.50
3rd Quartile	122.75
Maximum	126.00

Descriptive Statistics for SITEIDA = KR25312

	ALKT	BOD	CHLA	COND	DEPTH
N	15	23	26	14	80
Lo 95% CI	46.098	4.8563	29.641	88.079	0.8383
Mean	48.933	7.2052	57.523	95.000	1.0363
Up 95% CI	51.768	9.5541	85.406	101.92	1.2342
SD	5.1195	5.4319	69.032	11.987	0.8895
SE Mean	1.3219	1.1326	13.538	3.2037	0.0994
C.V.	10.462	75.388	120.01	12.618	85.838
Minimum	42.000	1.0000	1.0000	75.000	0.1000
1st Quarti	45.000	3.0000	5.7250	83.750	0.5000
Median	48.000	7.2000	33.650	96.500	0.5000
3rd Quarti	55.000	9.0000	81.250	105.00	2.0000
Maximum	58.000	27.000	257.00	111.00	2.9000

	DOCON	DOPER	NH3	NO3	ORP
N	80	75	29	24	72
Lo 95% CI	8.0920	94.277	0.1327	0.0582	97.262
Mean	8.4060	96.657	0.1727	0.1029	112.83
Up 95% CI	8.7200	99.038	0.2126	0.1477	128.40
SD	1.4112	10.347	0.1050	0.1060	66.264
SE Mean	0.1578	1.1948	0.0195	0.0216	7.8093
C.V.	16.788	10.705	60.841	103.00	58.727
Minimum	5.7400	75.200	0.0250	0.0200	-23.000
1st Quarti	7.4275	92.900	0.0970	0.0500	80.250
Median	8.6500	98.300	0.1600	0.0670	116.00
3rd Quarti	9.3250	102.50	0.2300	0.1100	134.75
Maximum	12.390	124.20	0.5700	0.4100	269.00

	PH	PO4	PT	REDOX	SECCHI
N	78	29	29	63	8
Lo 95% CI	8.5290	0.0608	0.1472	96.366	0.6116
Mean	8.6651	0.0956	0.1990	113.92	0.7375
Up 95% CI	8.8012	0.1303	0.2509	131.47	0.8634
SD	0.6036	0.0914	0.1363	69.702	0.1506
SE Mean	0.0683	0.0170	0.0253	8.7816	0.0532
C.V.	6.9663	95.676	68.503	61.185	20.420
Minimum	7.3100	-0.0220	0.0100	-23.000	0.6000
1st Quarti	8.2075	0.0400	0.1250	81.000	0.6000
Median	8.6450	0.0900	0.1800	119.00	0.7000
3rd Quarti	9.2400	0.1250	0.2300	135.00	0.8750
Maximum	9.7700	0.4700	0.6000	269.00	1.0000

	SPC	TEMP	TIN	TINPTRATI	TKN
N	78	79	29	29	29
Lo 95% CI	107.38	15.824	0.1871	0.9793	1.5074
Mean	109.13	16.822	0.2578	2.7745	1.8228
Up 95% CI	110.88	17.819	0.3285	4.5696	2.1381
SD	7.7575	4.4515	0.1858	4.7194	0.8290
SE Mean	0.8784	0.5008	0.0345	0.8764	0.1539
C.V.	7.1085	26.463	72.076	170.10	45.480
Minimum	98.100	4.6700	0.0500	0.1700	0.5000
1st Quarti	104.50	13.110	0.1400	0.6500	1.0500
Median	107.90	18.330	0.1800	1.2000	1.8000
3rd Quarti	113.25	20.460	0.3140	2.5300	2.3000
Maximum	139.00	24.800	0.9800	24.480	3.6000

	TNTP	TOTN	TSS	TURB	TVS
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N	24	24	8	22	8
Lo 95% CI	4.8164	1.4397	6.1607	9.1482	-0.8571
Mean	17.415	1.7637	16.775	11.586	7.9125
Up 95% CI	30.013	2.0878	27.389	14.024	16.682
SD	29.835	0.7675	12.696	5.4990	10.490
SE Mean	6.0900	0.1567	4.4888	1.1724	3.7086
C.V.	171.32	43.516	75.685	47.461	132.57
Minimum	1.7576	0.5800	3.6000	5.8000	0.3000
1st Quarti	4.7257	1.0162	10.600	7.4750	1.0000
Median	11.175	1.8000	13.500	10.450	3.0000
3rd Quarti	15.950	2.4525	18.000	12.775	12.000
Maximum	151.10	3.2530	46.000	27.100	31.000

TDS

N	14
Lo 95% CI	91.969
Mean	100.57
Up 95% CI	109.17
SD	14.898
SE Mean	3.9817
C.V.	14.814
Minimum	71.000
1st Quarti	87.750
Median	103.50
3rd Quarti	114.25
Maximum	120.00

Descriptive Statistics for SITEIDA = KR25344

	ALKT	BOD	CHLA	COND	DEPTH
N	14	14	13	0	66
Lo 95% CI	49.133	5.2864	31.212	M	1.1510
Mean	51.786	7.3571	74.031	M	1.4333
Up 95% CI	54.438	9.4279	116.85	M	1.7156
SD	4.5940	3.5865	70.858	M	1.1483
SE Mean	1.2278	0.9585	19.652	M	0.1413
C.V.	8.8711	48.748	95.714	M	80.113
Minimum	46.000	3.0000	2.1000	M	0.1000
1st Quarti	47.750	4.0000	10.250	M	0.5000
Median	50.000	7.5000	70.000	M	1.0000
3rd Quarti	55.500	10.500	114.00	M	2.1000
Maximum	60.000	14.000	255.00	M	4.0000

	DOCON	DOPER	NH3	NO3	ORP
N	66	66	14	9	66
Lo 95% CI	8.0025	95.768	0.0697	0.0479	122.80
Mean	8.5050	101.46	0.2121	0.1044	137.79
Up 95% CI	9.0075	107.15	0.3546	0.1609	152.78
SD	2.0439	23.156	0.2468	0.0735	60.982
SE Mean	0.2516	2.8503	0.0660	0.0245	7.5063
C.V.	24.032	22.823	116.32	70.376	44.258
Minimum	3.7700	49.700	0.0600	0.0500	29.000
1st Quarti	8.5350	99.750	0.0875	0.0500	91.750
Median	9.1150	105.50	0.1300	0.0700	132.00
3rd Quarti	9.3275	112.00	0.1950	0.1700	162.25
Maximum	12.180	161.50	0.9700	0.2500	295.00

	PH	PO4	PT	REDOX	SECCHI
N	66	14	14	66	14
Lo 95% CI	8.5422	0.0559	0.1648	122.80	0.6337
Mean	8.7347	0.1179	0.2114	137.79	0.7571
Up 95% CI	8.9272	0.1798	0.2581	152.78	0.8806
SD	0.7829	0.1074	0.0808	60.982	0.2138
SE Mean	0.0964	0.0287	0.0216	7.5063	0.0571
C.V.	8.9629	91.092	38.193	44.258	28.239
Minimum	4.6200	0.0400	0.1100	29.000	0.4000
1st Quarti	8.3175	0.0500	0.1525	91.750	0.6000
Median	8.7300	0.0800	0.2000	132.00	0.7000
3rd Quarti	9.2825	0.1425	0.2500	162.25	0.9250
Maximum	9.9400	0.4600	0.4200	295.00	1.2000

	SPC	TEMP	TIN	TINPTRATI	TKN
N	66	66	14	14	14
Lo 95% CI	105.14	16.441	0.1174	0.6714	1.5537
Mean	106.30	17.416	0.2793	1.4386	2.1429
Up 95% CI	107.46	18.391	0.4412	2.2058	2.7320
SD	4.7125	3.9658	0.2804	1.3287	1.0203
SE Mean	0.5801	0.4882	0.0749	0.3551	0.2727
C.V.	4.4332	22.771	100.40	92.364	47.616
Minimum	97.500	11.110	0.1000	0.4300	0.5000
1st Quarti	104.10	13.030	0.1300	0.5400	1.0000
Median	104.70	18.510	0.1350	0.7150	2.4500
3rd Quarti	108.48	20.428	0.3700	2.5875	2.8250
Maximum	116.20	23.260	1.0200	4.2500	3.6000

	TNTP	TOTN	TSS	TURB	TVS
N	9	9	0	14	0
Lo 95% CI	5.4299	1.0502	M	6.9014	M
Mean	8.4483	1.7156	M	9.3429	M
Up 95% CI	11.467	2.3809	M	11.784	M
SD	3.9269	0.8655	M	4.2284	M
SE Mean	1.3090	0.2885	M	1.1301	M
C.V.	46.481	50.452	M	45.258	M
Minimum	2.8000	0.5600	M	4.8000	M
1st Quarti	4.7036	0.8600	M	6.9500	M
Median	8.7500	1.8500	M	8.3500	M
3rd Quarti	11.093	2.5650	M	10.325	M
Maximum	14.778	2.7500	M	21.300	M

	TDS
N	14
Lo 95% CI	91.473
Mean	100.29
Up 95% CI	109.10
SD	15.264
SE Mean	4.0795
C.V.	15.220
Minimum	76.000
1st Quarti	86.500
Median	103.00
3rd Quarti	113.50
Maximum	118.00

Descriptive Statistics for SITEIDA = KR25479

	ALKT	BOD	CHLA	COND	DEPTH
N	1	1	4	6	12
Lo 95% CI	M	M	-38.077	79.538	0.3659
Mean	43.000	1.5000	44.075	100.33	0.4083
Up 95% CI	M	M	126.23	121.13	0.4508
SD	M	M	51.628	19.816	0.0669
SE Mean	M	M	25.814	8.0898	0.0193
C.V.	M	M	117.14	19.750	16.373
Minimum	43.000	1.5000	3.7000	79.000	0.3000
1st Quarti	M	M	5.7000	87.250	0.4000
Median	43.000	1.5000	27.800	97.000	0.4000
3rd Quarti	M	M	98.725	110.75	0.4750
Maximum	43.000	1.5000	117.00	137.00	0.5000

	DOCON	DOPER	NH3	NO3	ORP
N	12	6	7	7	3
Lo 95% CI	7.6026	92.698	0.0731	0.0179	57.421
Mean	9.0525	107.35	0.1643	0.0443	141.00
Up 95% CI	10.502	122.00	0.2555	0.0706	224.58
SD	2.2819	13.962	0.0986	0.0285	33.645
SE Mean	0.6587	5.6999	0.0373	0.0108	19.425
C.V.	25.208	13.006	60.012	64.341	23.862
Minimum	5.0000	86.600	0.0250	0.0250	103.00
1st Quarti	6.5750	94.700	0.0250	0.0250	103.00
Median	9.7950	109.60	0.2100	0.0250	153.00
3rd Quarti	10.495	117.88	0.2400	0.0600	167.00
Maximum	11.740	125.60	0.2500	0.1000	167.00

	PH	PO4	PT	REDOX	SECCHI
N	9	7	7	2	0
Lo 95% CI	8.3660	0.0873	0.0903	M	M
Mean	8.9400	0.1114	0.2743	135.00	M
Up 95% CI	9.5140	0.1356	0.4583	M	M
SD	0.7467	0.0261	0.1990	45.255	M
SE Mean	0.2489	9.863E-03	0.0752	32.000	M
C.V.	8.3528	23.419	72.547	33.522	M
Minimum	7.6400	0.0800	0.1100	103.00	M
1st Quarti	8.1800	0.0900	0.1200	M	M
Median	9.1100	0.1100	0.1800	135.00	M
3rd Quarti	9.5700	0.1300	0.4900	M	M
Maximum	9.6200	0.1500	0.6200	167.00	M

	SPC	TEMP	TIN	TINPTRATI	TKN
N	9	12	7	7	7
Lo 95% CI	104.08	12.579	0.1012	0.2934	0.8291
Mean	124.22	16.147	0.2086	0.9914	1.4714
Up 95% CI	144.36	19.714	0.3159	1.6894	2.1138
SD	26.200	5.6150	0.1161	0.7547	0.6945
SE Mean	8.7334	1.6209	0.0439	0.2853	0.2625
C.V.	21.091	34.775	55.651	76.125	47.202
Minimum	101.00	7.2500	0.0500	0.2300	0.7000
1st Quarti	103.50	12.415	0.0500	0.4200	0.7000
Median	120.00	13.595	0.2350	0.5000	1.9000
3rd Quarti	134.50	22.650	0.3100	1.8900	2.1000

Maximum	183.00	24.700	0.3400	2.0000	2.1000
	TNTP	TOTN	TSS	TURB	TVS
N	7	7	0	0	0
Lo 95% CI	2.1928	0.8550	M	M	M
Mean	8.1151	1.5157	M	M	M
Up 95% CI	14.037	2.1764	M	M	M
SD	6.4036	0.7144	M	M	M
SE Mean	2.4203	0.2700	M	M	M
C.V.	78.910	47.130	M	M	M
Minimum	1.6837	0.7250	M	M	M
1st Quartile	3.2955	0.7250	M	M	M
Median	6.0417	1.9250	M	M	M
3rd Quartile	12.222	2.1500	M	M	M
Maximum	19.545	2.2000	M	M	M
	TDS				
N	0				
Lo 95% CI	M				
Mean	M				
Up 95% CI	M				
SD	M				
SE Mean	M				
C.V.	M				
Minimum	M				
1st Quartile	M				
Median	M				
3rd Quartile	M				
Maximum	M				

Descriptive Statistics for SITEIDA = KS00

	ALKT	BOD	CHLA	COND	DEPTH
N	0	0	0	0	25
Lo 95% CI	M	M	M	M	0.6013
Mean	M	M	M	M	0.8800
Up 95% CI	M	M	M	M	1.1587
SD	M	M	M	M	0.6752
SE Mean	M	M	M	M	0.1350
C.V.	M	M	M	M	76.722
Minimum	M	M	M	M	0.1000
1st Quartile	M	M	M	M	0.3000
Median	M	M	M	M	1.0000
3rd Quartile	M	M	M	M	1.3500
Maximum	M	M	M	M	2.0000
	DOCON	DOPER	NH3	NO3	ORP
N	25	25	0	0	25
Lo 95% CI	4.2429	51.927	M	M	72.678
Mean	5.0808	60.132	M	M	81.440
Up 95% CI	5.9187	68.337	M	M	90.202
SD	2.0300	19.879	M	M	21.227
SE Mean	0.4060	3.9757	M	M	4.2454
C.V.	39.954	33.058	M	M	26.065
Minimum	2.0800	27.600	M	M	53.000
1st Quartile	2.8100	38.400	M	M	61.500

Median	5.3100	65.200	M	M	79.000
3rd Quartile	6.2950	72.550	M	M	101.50
Maximum	8.0600	88.000	M	M	118.00

	PH	PO4	PT	REDOX	SECCHI
N	25	0	0	25	9
Lo 95% CI	8.0066	M	M	72.678	0.6180
Mean	8.1976	M	M	81.440	0.7333
Up 95% CI	8.3886	M	M	90.202	0.8486
SD	0.4628	M	M	21.227	0.1500
SE Mean	0.0926	M	M	4.2454	0.0500
C.V.	5.6459	M	M	26.065	20.455
Minimum	7.6100	M	M	53.000	0.6000
1st Quartile	7.7600	M	M	61.500	0.6500
Median	8.1200	M	M	79.000	0.7000
3rd Quartile	8.6350	M	M	101.50	0.7500
Maximum	9.0100	M	M	118.00	1.1000

	SPC	TEMP	TIN	TINPTRATI	TKN
N	25	25	0	0	0
Lo 95% CI	509.51	16.158	M	M	M
Mean	578.76	18.037	M	M	M
Up 95% CI	648.01	19.916	M	M	M
SD	167.78	4.5519	M	M	M
SE Mean	33.555	0.9104	M	M	M
C.V.	28.989	25.237	M	M	M
Minimum	373.00	12.390	M	M	M
1st Quartile	440.00	12.615	M	M	M
Median	618.00	19.240	M	M	M
3rd Quartile	640.50	22.670	M	M	M
Maximum	888.00	24.140	M	M	M

	TNTP	TOTN	TSS	TURB	TVS
N	0	0	0	5	0
Lo 95% CI	M	M	M	3.4294	M
Mean	M	M	M	6.3800	M
Up 95% CI	M	M	M	9.3306	M
SD	M	M	M	2.3763	M
SE Mean	M	M	M	1.0627	M
C.V.	M	M	M	37.247	M
Minimum	M	M	M	2.5000	M
1st Quartile	M	M	M	4.3500	M
Median	M	M	M	6.7000	M
3rd Quartile	M	M	M	8.2500	M
Maximum	M	M	M	8.7000	M

	TDS
N	0
Lo 95% CI	M
Mean	M
Up 95% CI	M
SD	M
SE Mean	M
C.V.	M
Minimum	M
1st Quartile	M
Median	M

3rd Quarti M
 Maximum M

Descriptive Statistics for SITEIDA = KS01

	ALKT	BOD	CHLA	COND	DEPTH
N	27	28	28	13	64
Lo 95% CI	169.31	3.0289	7.3581	488.85	0.5940
Mean	195.90	7.1071	17.400	553.23	0.7531
Up 95% CI	222.50	11.185	27.442	617.61	0.9122
SD	67.234	10.517	25.897	106.54	0.6369
SE Mean	12.939	1.9876	4.8941	29.548	0.0796
C.V.	34.320	147.98	148.83	19.257	84.574
Minimum	60.000	3.0000	0.0000	340.00	0.1000
1st Quarti	151.00	4.0000	2.8250	495.50	0.4000
Median	195.00	4.5000	7.0500	528.00	0.5000
3rd Quarti	241.00	7.0000	17.250	626.50	1.0000
Maximum	349.40	60.000	109.00	740.00	2.0000

	DOCON	DOPER	NH3	NO3	ORP
N	63	50	28	23	62
Lo 95% CI	4.1169	48.421	0.3636	0.3427	102.52
Mean	5.0043	59.220	0.5589	0.6022	135.26
Up 95% CI	5.8917	70.019	0.7542	0.8616	168.00
SD	3.5237	37.998	0.5036	0.6000	128.91
SE Mean	0.4439	5.3738	0.0952	0.1251	16.372
C.V.	70.414	64.165	90.103	99.639	95.308
Minimum	1.5400	20.500	0.0700	0.0600	7.0000
1st Quarti	2.3000	30.300	0.2450	0.1200	58.750
Median	4.8900	62.250	0.4100	0.3700	99.000
3rd Quarti	6.6200	72.650	0.7200	1.1200	147.00
Maximum	14.200	147.60	2.4700	2.2900	575.00

	PH	PO4	PT	REDOX	SECCHI
N	63	28	28	62	13
Lo 95% CI	8.1668	0.2783	0.3802	102.52	0.6521
Mean	8.2879	0.3500	0.4704	135.26	0.7846
Up 95% CI	8.4091	0.4217	0.5605	168.00	0.9171
SD	0.4810	0.1848	0.2325	128.91	0.2193
SE Mean	0.0606	0.0349	0.0439	16.372	0.0608
C.V.	5.8032	52.803	49.440	95.308	27.945
Minimum	7.4200	0.0500	0.1000	7.0000	0.4000
1st Quarti	7.8800	0.2350	0.2725	58.750	0.5500
Median	8.2300	0.3600	0.4250	99.000	0.9000
3rd Quarti	8.6500	0.4850	0.6750	147.00	1.0000
Maximum	9.2000	0.6800	0.9000	575.00	1.0000

	SPC	TEMP	TIN	TINPTRATI	TKN
N	63	63	28	28	28
Lo 95% CI	513.53	16.331	0.7127	1.7130	2.1963
Mean	559.52	17.563	1.0536	3.1014	2.6000
Up 95% CI	605.52	18.796	1.3945	4.4898	3.0037
SD	182.63	4.8935	0.8791	3.5805	1.0410
SE Mean	23.010	0.6165	0.1661	0.6767	0.1967
C.V.	32.641	27.862	83.442	115.45	40.039
Minimum	262.00	4.1400	0.0700	0.3000	0.2000

1st Quarti	457.00	12.740	0.4075	0.8500	2.1000
Median	565.00	19.140	0.8200	1.6050	2.4500
3rd Quarti	659.00	22.290	1.4750	4.4275	3.1750
Maximum	1046.0	23.230	4.0200	14.890	5.0000

	TNTP	TOTN	TSS	TURB	TVS
N	23	23	0	14	0
Lo 95% CI	5.7590	2.5646	M	4.7686	M
Mean	8.8768	3.2022	M	5.8000	M
Up 95% CI	11.995	3.8397	M	6.8314	M
SD	7.2100	1.4744	M	1.7863	M
SE Mean	1.5034	0.3074	M	0.4774	M
C.V.	81.222	46.042	M	30.798	M
Minimum	0.4516	0.2800	M	2.5000	M
1st Quarti	3.7647	2.3300	M	4.2750	M
Median	5.8852	3.0400	M	5.8000	M
3rd Quarti	14.517	3.9200	M	7.4000	M
Maximum	26.259	7.0900	M	9.0000	M

	TDS
N	27
Lo 95% CI	346.66
Mean	392.19
Up 95% CI	437.71
SD	115.09
SE Mean	22.150
C.V.	29.346
Minimum	126.00
1st Quarti	347.00
Median	386.00
3rd Quarti	450.00
Maximum	715.00

Descriptive Statistics for SITEIDA = LK

	ALKT	BOD	CHLA	COND	DEPTH
N	0	0	0	0	10
Lo 95% CI	M	M	M	M	0.5257
Mean	M	M	M	M	1.3200
Up 95% CI	M	M	M	M	2.1143
SD	M	M	M	M	1.1104
SE Mean	M	M	M	M	0.3511
C.V.	M	M	M	M	84.118
Minimum	M	M	M	M	0.1000
1st Quarti	M	M	M	M	0.4000
Median	M	M	M	M	1.0000
3rd Quarti	M	M	M	M	2.2500
Maximum	M	M	M	M	3.0000

	DOCON	DOPER	NH3	NO3	ORP
N	10	10	0	0	10
Lo 95% CI	8.5708	96.197	M	M	77.647
Mean	8.6010	100.02	M	M	99.300
Up 95% CI	8.6312	103.84	M	M	120.95
SD	0.0423	5.3439	M	M	30.269
SE Mean	0.0134	1.6899	M	M	9.5720

C.V.	0.4916	5.3428	M	M	30.483
Minimum	8.5400	94.800	M	M	70.000
1st Quarti	8.5475	94.975	M	M	70.000
Median	8.6150	99.900	M	M	100.00
3rd Quarti	8.6325	104.97	M	M	128.00
Maximum	8.6500	105.70	M	M	129.00

	PH	PO4	PT	REDOX	SECCHI
N	10	0	0	10	2
Lo 95% CI	8.1514	M	M	77.647	M
Mean	8.2560	M	M	99.300	0.7500
Up 95% CI	8.3606	M	M	120.95	M
SD	0.1462	M	M	30.269	0.0707
SE Mean	0.0462	M	M	9.5720	0.0500
C.V.	1.7712	M	M	30.483	9.4281
Minimum	8.1000	M	M	70.000	0.7000
1st Quarti	8.1175	M	M	70.000	M
Median	8.2500	M	M	100.00	0.7500
3rd Quarti	8.4025	M	M	128.00	M
Maximum	8.4100	M	M	129.00	0.8000

	SPC	TEMP	TIN	TINPTRATI	TKN
N	10	10	0	0	0
Lo 95% CI	111.84	13.585	M	M	M
Mean	112.95	15.638	M	M	M
Up 95% CI	114.06	17.691	M	M	M
SD	1.5537	2.8693	M	M	M
SE Mean	0.4913	0.9074	M	M	M
C.V.	1.3755	18.348	M	M	M
Minimum	111.30	12.880	M	M	M
1st Quarti	111.50	12.915	M	M	M
Median	112.95	15.650	M	M	M
3rd Quarti	114.43	18.363	M	M	M
Maximum	114.60	18.370	M	M	M

	TNTP	TOTN	TSS	TURB	TVS
N	0	0	0	2	0
Lo 95% CI	M	M	M	M	M
Mean	M	M	M	6.6500	M
Up 95% CI	M	M	M	M	M
SD	M	M	M	0.7778	M
SE Mean	M	M	M	0.5500	M
C.V.	M	M	M	11.697	M
Minimum	M	M	M	6.1000	M
1st Quarti	M	M	M	M	M
Median	M	M	M	6.6500	M
3rd Quarti	M	M	M	M	M
Maximum	M	M	M	7.2000	M

	TDS
N	0
Lo 95% CI	M
Mean	M
Up 95% CI	M
SD	M
SE Mean	M
C.V.	M

Minimum	M
1st Quarti	M
Median	M
3rd Quarti	M
Maximum	M

Descriptive Statistics for SITEIDA = PC00

	ALKT	BOD	CHLA	COND	DEPTH
N	9	8	10	12	90
Lo 95% CI	42.954	1.5465	2.0760	138.24	0.4897
Mean	88.333	2.3750	9.8600	171.42	0.5078
Up 95% CI	133.71	3.2035	17.644	204.60	0.5259
SD	59.036	0.9910	10.881	52.224	0.0864
SE Mean	19.679	0.3504	3.4410	15.076	9.109E-03
C.V.	66.833	41.728	110.36	30.466	17.018
Minimum	53.000	1.5000	0.1000	92.000	0.1000
1st Quarti	58.000	1.5000	3.1500	128.50	0.5000
Median	65.000	2.2500	5.5000	166.50	0.5000
3rd Quarti	95.500	3.0000	15.325	224.25	0.5000
Maximum	240.00	4.0000	35.000	241.00	1.0000

	DOCON	DOPER	NH3	NO3	ORP
N	90	86	13	14	7
Lo 95% CI	8.4060	91.433	0.1296	0.1932	119.64
Mean	8.6388	93.315	0.1904	0.3629	166.43
Up 95% CI	8.8715	95.197	0.2512	0.5325	213.21
SD	1.1113	8.7794	0.1006	0.2939	50.586
SE Mean	0.1171	0.9467	0.0279	0.0785	19.120
C.V.	12.864	9.4084	52.858	80.988	30.395
Minimum	5.3000	68.100	0.0250	0.0900	55.000
1st Quarti	8.2775	91.200	0.1150	0.1300	169.00
Median	8.7950	96.100	0.2000	0.2050	182.00
3rd Quarti	9.1900	99.025	0.2500	0.7375	198.00
Maximum	11.750	110.20	0.4100	0.7800	201.00

	PH	PO4	PT	REDOX	SECCHI
N	88	14	13	6	0
Lo 95% CI	7.9398	0.1503	0.2308	106.22	M
Mean	8.0228	0.2057	0.2862	163.83	M
Up 95% CI	8.1059	0.2611	0.3415	221.45	M
SD	0.3918	0.0959	0.0915	54.901	M
SE Mean	0.0418	0.0256	0.0254	22.413	M
C.V.	4.8837	46.615	31.982	33.511	M
Minimum	5.4000	0.0800	0.1300	55.000	M
1st Quarti	7.9600	0.1375	0.2350	140.50	M
Median	8.0450	0.1800	0.2700	180.00	M
3rd Quarti	8.1575	0.2700	0.3400	198.75	M
Maximum	8.9800	0.4500	0.5100	201.00	M

	SPC	TEMP	TIN	TINPTRATI	TKN
N	79	90	14	13	13
Lo 95% CI	143.37	13.351	0.3379	1.1190	0.8911
Mean	152.38	13.998	0.5396	2.2231	1.1385
Up 95% CI	161.40	14.646	0.7413	3.3271	1.3858
SD	40.239	3.0899	0.3493	1.8270	0.4093

SE Mean	4.5272	0.3257	0.0934	0.5067	0.1135
C.V.	26.406	22.073	64.736	82.183	35.956
Minimum	123.30	6.2800	0.1650	0.4700	0.3000
1st Quarti	130.00	13.025	0.2525	1.0850	0.8500
Median	137.90	13.235	0.4050	1.3500	1.1000
3rd Quarti	155.10	13.960	0.9425	3.2150	1.4500
Maximum	358.00	23.900	1.0400	7.2300	1.8000

	TNTP	TOTN	TSS	TURB	TVS
N	13	13	0	0	0
Lo 95% CI	3.8664	1.1365	M	M	M
Mean	5.7596	1.5162	M	M	M
Up 95% CI	7.6528	1.8959	M	M	M
SD	3.1329	0.6283	M	M	M
SE Mean	0.8689	0.1743	M	M	M
C.V.	54.394	41.443	M	M	M
Minimum	1.2571	0.4400	M	M	M
1st Quarti	3.9583	0.9700	M	M	M
Median	5.0370	1.3600	M	M	M
3rd Quarti	7.2088	2.0600	M	M	M
Maximum	14.231	2.4600	M	M	M

	TDS
N	1
Lo 95% CI	M
Mean	0.9000
Up 95% CI	M
SD	M
SE Mean	M
C.V.	M
Minimum	0.9000
1st Quarti	M
Median	0.9000
3rd Quarti	M
Maximum	0.9000

Descriptive Statistics for SITEIDA = SH00

	ALKT	BOD	CHLA	COND	DEPTH
N	22	22	21	24	27
Lo 95% CI	266.59	2.6254	1.4600	478.00	0.3000
Mean	292.90	3.1136	2.4810	513.00	0.3000
Up 95% CI	319.22	3.6019	3.5019	548.00	0.3000
SD	59.360	1.1012	2.2429	82.885	0.0000
SE Mean	12.656	0.2348	0.4894	16.919	0.0000
C.V.	20.266	35.367	90.405	16.157	0.0000
Minimum	161.00	1.5000	0.0000	382.00	0.3000
1st Quarti	263.00	3.0000	1.0000	446.50	0.3000
Median	289.50	3.0000	2.0000	509.00	0.3000
3rd Quarti	329.25	3.0000	3.7000	556.00	0.3000
Maximum	435.30	7.0000	7.3000	685.00	0.3000

	DOCON	DOPER	NH3	NO3	ORP
N	24	9	22	22	16
Lo 95% CI	8.6797	93.747	0.0668	0.0454	185.20
Mean	9.2675	106.63	0.1180	0.0818	238.44

Up 95% CI	9.8553	119.52	0.1692	0.1182	291.67
SD	1.3921	16.765	0.1155	0.0821	99.904
SE Mean	0.2842	5.5884	0.0246	0.0175	24.976
C.V.	15.021	15.722	97.899	100.28	41.899
Minimum	7.2000	73.600	0.0250	0.0250	79.000
1st Quarti	8.2375	96.900	0.0500	0.0250	143.25
Median	8.9150	109.80	0.0600	0.0500	285.00
3rd Quarti	10.700	120.80	0.1800	0.0650	308.75
Maximum	11.970	127.50	0.4800	0.2600	384.00

	PH	PO4	PT	REDOX	SECCHI
N	25	22	22	16	0
Lo 95% CI	8.4366	0.2490	0.2593	185.20	M
Mean	8.5776	0.3168	0.3423	238.44	M
Up 95% CI	8.7186	0.3846	0.4253	291.67	M
SD	0.3415	0.1529	0.1872	99.904	M
SE Mean	0.0683	0.0326	0.0399	24.976	M
C.V.	3.9811	48.268	54.696	41.899	M
Minimum	7.6000	0.1600	0.1300	79.000	M
1st Quarti	8.5100	0.1800	0.2050	143.25	M
Median	8.6900	0.2950	0.2900	285.00	M
3rd Quarti	8.7800	0.4225	0.4725	308.75	M
Maximum	8.9100	0.6800	0.8700	384.00	M

	SPC	TEMP	TIN	TINPTRATI	TKN
N	24	26	22	22	22
Lo 95% CI	534.53	15.903	0.1430	0.4921	0.4178
Mean	561.54	18.391	0.1998	0.7559	0.5636
Up 95% CI	588.56	20.879	0.2565	1.0197	0.7094
SD	63.973	6.1606	0.1280	0.5949	0.3288
SE Mean	13.059	1.2082	0.0273	0.1268	0.0701
C.V.	11.392	33.497	64.064	78.700	58.343
Minimum	435.00	5.8100	0.0650	0.1000	0.2000
1st Quarti	515.25	13.710	0.0963	0.2975	0.3000
Median	559.50	19.620	0.1325	0.5250	0.5000
3rd Quarti	606.00	22.947	0.3100	1.2525	0.7250
Maximum	752.00	28.570	0.5300	2.2300	1.5000

	TNTP	TOTN	TSS	TURB	TVS
N	22	22	0	0	0
Lo 95% CI	1.7686	0.5091	M	M	M
Mean	2.4433	0.6455	M	M	M
Up 95% CI	3.1180	0.7818	M	M	M
SD	1.5217	0.3075	M	M	M
SE Mean	0.3244	0.0656	M	M	M
C.V.	62.281	47.635	M	M	M
Minimum	0.4808	0.2500	M	M	M
1st Quarti	1.4529	0.4363	M	M	M
Median	2.1904	0.5500	M	M	M
3rd Quarti	3.1319	0.7562	M	M	M
Maximum	6.1765	1.5500	M	M	M

	TDS
N	13
Lo 95% CI	313.44
Mean	332.85
Up 95% CI	352.25

SD	32.114
SE Mean	8.9068
C.V.	9.6483
Minimum	287.00
1st Quartile	311.00
Median	326.00
3rd Quartile	353.50
Maximum	399.00

Descriptive Statistics for SITEIDA = SP00

	ALKT	BOD	CHLA	COND	DEPTH
N	9	9	10	13	13
Lo 95% CI	40.530	1.1318	0.6934	64.041	0.2819
Mean	51.889	2.1667	2.4000	81.877	0.3154
Up 95% CI	63.248	3.2015	4.1066	99.713	0.3489
SD	14.777	1.3463	2.3856	29.515	0.0555
SE Mean	4.9257	0.4488	0.7544	8.1861	0.0154
C.V.	28.478	62.137	99.400	36.049	17.588
Minimum	23.000	1.5000	0.9000	28.000	0.3000
1st Quartile	39.000	1.5000	1.0000	60.500	0.3000
Median	58.000	1.5000	1.7500	77.000	0.3000
3rd Quartile	63.000	2.7500	2.6500	111.00	0.3000
Maximum	66.000	5.0000	8.8000	115.00	0.5000

	DOCON	DOPER	NH3	NO3	ORP
N	12	12	11	11	5
Lo 95% CI	9.2228	87.885	0.0265	0.0189	147.58
Mean	10.131	93.875	0.0464	0.0300	164.60
Up 95% CI	11.039	99.865	0.0662	0.0411	181.62
SD	1.4292	9.4279	0.0296	0.0166	13.704
SE Mean	0.4126	2.7216	8.921E-03	5.000E-03	6.1286
C.V.	14.107	10.043	63.817	55.277	8.3256
Minimum	7.8000	76.800	0.0250	0.0250	150.00
1st Quartile	8.6625	88.525	0.0250	0.0250	153.00
Median	10.400	90.900	0.0300	0.0250	159.00
3rd Quartile	11.145	101.10	0.0700	0.0250	179.00
Maximum	12.730	111.40	0.1000	0.0800	182.00

	PH	PO4	PT	REDOX	SECCHI
N	12	11	11	4	0
Lo 95% CI	7.7811	0.0368	0.0599	143.17	M
Mean	8.2192	0.0614	0.1118	166.75	M
Up 95% CI	8.6572	0.0859	0.1637	190.33	M
SD	0.6895	0.0365	0.0773	14.818	M
SE Mean	0.1990	0.0110	0.0233	7.4092	M
C.V.	8.3884	59.553	69.107	8.8866	M
Minimum	7.5000	0.0150	0.0250	150.00	M
1st Quartile	7.7475	0.0150	0.0400	152.25	M
Median	8.0450	0.0600	0.0800	167.50	M
3rd Quartile	8.5025	0.0900	0.2000	180.50	M
Maximum	9.7000	0.1300	0.2300	182.00	M

	SPC	TEMP	TIN	TINPTRATI	TKN
N	13	13	11	11	11
Lo 95% CI	76.876	7.6265	0.0483	0.5714	0.0672

Mean	92.692	11.598	0.0764	0.9791	0.2909
Up 95% CI	108.51	15.569	0.1044	1.3868	0.5146
SD	26.174	6.5715	0.0417	0.6068	0.3330
SE Mean	7.2593	1.8226	0.0126	0.1830	0.1004
C.V.	28.237	56.663	54.632	61.979	114.48
Minimum	46.000	3.0700	0.0500	0.2500	0.1000
1st Quarti	70.500	6.2150	0.0500	0.6000	0.1000
Median	105.00	10.100	0.0550	0.7800	0.1000
3rd Quarti	116.00	17.030	0.0950	1.3800	0.3000
Maximum	127.00	22.900	0.1800	2.0000	1.0000

	TNTP	TOTN	TSS	TURB	TVS
N	11	11	0	0	0
Lo 95% CI	1.9838	0.0902	M	M	M
Mean	3.4247	0.3209	M	M	M
Up 95% CI	4.8656	0.5516	M	M	M
SD	2.1448	0.3433	M	M	M
SE Mean	0.6467	0.1035	M	M	M
C.V.	62.626	106.99	M	M	M
Minimum	0.5952	0.1250	M	M	M
1st Quarti	1.5625	0.1250	M	M	M
Median	4.0625	0.1250	M	M	M
3rd Quarti	5.0000	0.3250	M	M	M
Maximum	6.8333	1.0250	M	M	M

	TDS
N	0
Lo 95% CI	M
Mean	M
Up 95% CI	M
SD	M
SE Mean	M
C.V.	M
Minimum	M
1st Quarti	M
Median	M
3rd Quarti	M
Maximum	M

Descriptive Statistics for SITEIDA = SR00

	ALKT	BOD	CHLA	COND	DEPTH
N	8	8	11	9	14
Lo 95% CI	40.911	1.5000	1.3273	60.084	0.2834
Mean	54.875	1.5000	2.0455	78.000	0.3143
Up 95% CI	68.839	1.5000	2.7636	95.916	0.3451
SD	16.703	0.0000	1.0690	23.308	0.0535
SE Mean	5.9053	0.0000	0.3223	7.7692	0.0143
C.V.	30.438	0.0000	52.261	29.882	17.008
Minimum	32.000	1.5000	0.5000	38.000	0.3000
1st Quarti	37.750	1.5000	1.0000	62.500	0.3000
Median	59.500	1.5000	2.0000	80.000	0.3000
3rd Quarti	63.750	1.5000	2.9000	95.000	0.3000
Maximum	82.000	1.5000	3.4000	118.00	0.5000

	DOCON	DOPER	NH3	NO3	ORP
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N	11	8	10	10	3
Lo 95% CI	9.2609	88.721	0.0420	0.0219	133.62
Mean	10.122	92.213	0.0565	0.0385	186.33
Up 95% CI	10.983	95.704	0.0710	0.0551	239.05
SD	1.2815	4.1766	0.0203	0.0232	21.221
SE Mean	0.3864	1.4767	6.414E-03	7.343E-03	12.252
C.V.	12.660	4.5293	35.899	60.312	11.389
Minimum	7.9100	83.200	0.0250	0.0250	169.00
1st Quarti	8.8200	91.175	0.0375	0.0250	169.00
Median	9.8800	92.850	0.0600	0.0250	180.00
3rd Quarti	11.250	94.300	0.0700	0.0575	210.00
Maximum	11.890	97.700	0.0900	0.0800	210.00

	PH	PO4	PT	REDOX	SECCHI
N	10	10	10	2	0
Lo 95% CI	7.6395	0.0848	0.0714	M	M
Mean	7.8410	0.1390	0.2140	189.50	M
Up 95% CI	8.0425	0.1932	0.3566	M	M
SD	0.2816	0.0758	0.1993	28.991	M
SE Mean	0.0891	0.0240	0.0630	20.500	M
C.V.	3.5919	54.521	93.125	15.299	M
Minimum	7.4000	0.0500	0.0600	169.00	M
1st Quarti	7.5200	0.0825	0.0675	M	M
Median	7.9600	0.1200	0.1400	189.50	M
3rd Quarti	8.0575	0.1925	0.3025	M	M
Maximum	8.1000	0.2700	0.6500	210.00	M

	SPC	TEMP	TIN	TINPTRATI	TKN
N	10	10	10	10	10
Lo 95% CI	89.597	6.6953	0.0712	0.3965	0.0900
Mean	111.20	9.6460	0.0950	0.9300	0.1400
Up 95% CI	132.80	12.597	0.1188	1.4635	0.1900
SD	30.199	4.1248	0.0333	0.7458	0.0699
SE Mean	9.5496	1.3044	0.0105	0.2358	0.0221
C.V.	27.157	42.762	35.088	80.195	49.943
Minimum	62.000	4.7500	0.0500	0.1100	0.1000
1st Quarti	92.250	6.5000	0.0725	0.2700	0.1000
Median	110.50	8.6000	0.0900	0.6900	0.1000
3rd Quarti	126.50	14.027	0.1125	1.7400	0.2000
Maximum	172.00	17.040	0.1700	1.8900	0.3000

	TNTP	TOTN	TSS	TURB	TVS
N	10	10	0	0	0
Lo 95% CI	0.8590	0.1320	M	M	M
Mean	1.4914	0.1785	M	M	M
Up 95% CI	2.1239	0.2250	M	M	M
SD	0.8841	0.0650	M	M	M
SE Mean	0.2796	0.0206	M	M	M
C.V.	59.276	36.428	M	M	M
Minimum	0.1923	0.1250	M	M	M
1st Quarti	0.7429	0.1250	M	M	M
Median	1.5699	0.1650	M	M	M
3rd Quarti	2.0982	0.2250	M	M	M
Maximum	3.0000	0.3250	M	M	M

	TDS
N	0

Lo 95% CI	M
Mean	M
Up 95% CI	M
SD	M
SE Mean	M
C.V.	M
Minimum	M
1st Quartile	M
Median	M
3rd Quartile	M
Maximum	M