

Appendix A. Relative status in water quality parameters for the Virginia tributaries and Chesapeake Bay Mainstem for the period of 1999 to 2004. Parameter abbreviations are as follows: STN=Surface total nitrogen, BTN=Bottom total nitrogen, SDIN=Surface dissolved inorganic nitrogen, BDIN=Bottom dissolved inorganic nitrogen, STP=Surface total phosphorus, BTP=Bottom total phosphorus, SDIP=Surface dissolved inorganic phosphorus, BDIP=Bottom dissolved inorganic phosphorus, SCHLA=Surface chlorophyll *a*, STSS=Surface total suspended solids, BTSS=Bottom total suspended solids, SECCHI=Secchi depth, BDO=Bottom dissolved oxygen. Season definitions are provided in the Methods section of the report.

Segment	Parameter	Season	Median	Score	Status
APPTF	STN	Annual	0.899	29.82	Good
APPTF	BTN	Annual	0.913	23.96	Good
APPTF	SDIN	Annual	0.302	18.12	Good
APPTF	BDIN	Annual	0.325	16.16	Good
APPTF	STP	Annual	0.092	47.24	Fair
APPTF	BTP	Annual	0.093	37.03	Good
APPTF	SPO4F	Annual	0.019	33.60	Good
APPTF	BPO4F	Annual	0.018	36.66	Good
APPTF	SCHLA	Annual	15.63	77.39	Poor
APPTF	STSS	Annual	23.50	77.45	Poor
APPTF	BTSS	Annual	31.50	66.41	Poor
APPTF	SECCHI	Annual	0.50	23.16	Poor
JMSTF	STN	Annual	0.893	24.95	Good
JMSTF	BTN	Annual	1.082	32.19	Good
JMSTF	SDIN	Annual	0.365	26.41	Good
JMSTF	BDIN	Annual	0.401	27.45	Good
JMSTF	STP	Annual	0.084	39.83	Fair
JMSTF	BTP	Annual	0.120	43.62	Fair
JMSTF	SPO4F	Annual	0.026	37.81	Fair
JMSTF	BPO4F	Annual	0.024	40.50	Fair
JMSTF	SCHLA	Annual	7.66	41.05	Good
JMSTF	STSS	Annual	16.25	71.63	Poor
JMSTF	BTSS	Annual	51.00	75.77	Poor
JMSTF	SECCHI	Annual	0.40	23.16	Poor
CHKOH	STN	Annual	0.737	17.74	Good
CHKOH	BTN	Annual	0.783	19.10	Good
CHKOH	SDIN	Annual	0.147	11.41	Good
CHKOH	BDIN	Annual	0.140	8.22	Good
CHKOH	STP	Annual	0.074	36.17	Fair
CHKOH	BTP	Annual	0.090	38.92	Fair
CHKOH	SPO4F	Annual	0.013	30.90	Good
CHKOH	BPO4F	Annual	0.013	33.32	Good
CHKOH	SCHLA	Annual	13.22	77.30	Poor
CHKOH	STSS	Annual	22.00	75.36	Poor
CHKOH	BTSS	Annual	38.50	64.70	Poor
CHKOH	SECCHI	Annual	0.50	12.80	Poor
JMSOH	STN	Annual	0.725	24.39	Good
JMSOH	BTN	Annual	0.839	30.82	Good
JMSOH	SDIN	Annual	0.319	33.63	Good
JMSOH	BDIN	Annual	0.296	36.35	Good
JMSOH	STP	Annual	0.081	65.66	Poor
JMSOH	BTP	Annual	0.113	75.78	Poor
JMSOH	SPO4F	Annual	0.026	81.02	Poor
JMSOH	BPO4F	Annual	0.028	75.88	Poor
JMSOH	SCHLA	Annual	6.44	30.83	Good
JMSOH	STSS	Annual	21.50	85.11	Poor
JMSOH	BTSS	Annual	53.00	90.06	Poor
JMSOH	SECCHI	Annual	0.48	12.80	Poor

Segment	Parameter	Season	Median	Score	Status
JMSMH	STN	Annual	0.530	22.18	Good
JMSMH	BTN	Annual	0.583	43.11	Fair
JMSMH	SDIN	Annual	0.140	39.12	Fair
JMSMH	BDIN	Annual	0.133	48.55	Fair
JMSMH	STP	Annual	0.059	71.22	Poor
JMSMH	BTP	Annual	0.076	80.86	Poor
JMSMH	SPO4F	Annual	0.027	92.54	Poor
JMSMH	BPO4F	Annual	0.027	86.36	Poor
JMSMH	SCHLA	Annual	6.60	27.40	Good
JMSMH	STSS	Annual	13.00	67.33	Poor
JMSMH	BTSS	Annual	27.50	76.64	Poor
JMSMH	SECCHI	Annual	0.85	16.26	Poor
JMSPH	STN	Annual	0.457	31.63	Good
JMSPH	BTN	Annual	0.453	40.51	Fair
JMSPH	SDIN	Annual	0.057	32.86	Good
JMSPH	BDIN	Annual	0.055	30.99	Good
JMSPH	STP	Annual	0.039	65.26	Poor
JMSPH	BTP	Annual	0.043	47.01	Fair
JMSPH	SPO4F	Annual	0.010	63.15	Fair
JMSPH	BPO4F	Annual	0.010	46.92	Fair
JMSPH	SCHLA	Annual	7.57	48.30	Fair
JMSPH	STSS	Annual	9.95	59.43	Fair
JMSPH	BTSS	Annual	15.39	38.59	Good
JMSPH	SECCHI	Annual	1.15	17.55	Poor
EBEMH	STN	Annual	0.829	88.29	Poor
EBEMH	BTN	Annual	0.728	82.93	Poor
EBEMH	SDIN	Annual	0.379	89.51	Poor
EBEMH	BDIN	Annual	0.308	97.84	Poor
EBEMH	STP	Annual	0.054	80.15	Poor
EBEMH	BTP	Annual	0.053	62.09	Poor
EBEMH	SPO4F	Annual	0.021	90.01	Poor
EBEMH	BPO4F	Annual	0.025	85.39	Poor
EBEMH	SCHLA	Annual	7.16	47.28	Fair
EBEMH	STSS	Annual	8.83	57.32	Fair
EBEMH	BTSS	Annual	12.30	37.43	Good
EBEMH	SECCHI	Annual	1.10	17.55	Poor
WBEMH	STN	Annual	0.698	63.12	Poor
WBEMH	BTN	Annual	0.698	75.94	Poor
WBEMH	SDIN	Annual	0.131	57.88	Fair
WBEMH	BDIN	Annual	0.146	77.60	Poor
WBEMH	STP	Annual	0.064	89.16	Poor
WBEMH	BTP	Annual	0.061	69.45	Poor
WBEMH	SPO4F	Annual	0.013	69.84	Poor
WBEMH	BPO4F	Annual	0.017	63.31	Poor
WBEMH	SCHLA	Annual	11.75	66.98	Poor
WBEMH	STSS	Annual	19.00	88.26	Poor
WBEMH	BTSS	Annual	20.68	67.20	Poor
WBEMH	SECCHI	Annual	0.70	6.08	Poor
SBEMH	STN	Annual	1.034	98.38	Poor
SBEMH	BTN	Annual	0.965	97.29	Poor
SBEMH	SDIN	Annual	0.537	98.97	Poor
SBEMH	BDIN	Annual	0.497	99.82	Poor
SBEMH	STP	Annual	0.062	85.55	Poor
SBEMH	BTP	Annual	0.062	75.81	Poor
SBEMH	SPO4F	Annual	0.034	98.38	Poor
SBEMH	BPO4F	Annual	0.039	96.88	Poor
SBEMH	SCHLA	Annual	4.18	16.56	Good
SBEMH	STSS	Annual	8.60	45.25	Fair
SBEMH	BTSS	Annual	10.03	26.16	Good
SBEMH	SECCHI	Annual	1.13	17.55	Poor

Segment	Parameter	Season	Median	Score	Status
ELIPH	STN	Annual	0.656	70.13	Poor
ELIPH	BTN	Annual	0.600	74.53	Poor
ELIPH	SDIN	Annual	0.214	77.21	Poor
ELIPH	BDIN	Annual	0.215	86.67	Poor
ELIPH	STP	Annual	0.055	84.71	Poor
ELIPH	BTP	Annual	0.071	79.00	Poor
ELIPH	SPO4F	Annual	0.025	91.07	Poor
ELIPH	BPO4F	Annual	0.029	84.28	Poor
ELIPH	SCHLA	Annual	10.20	62.98	Poor
ELIPH	STSS	Annual	10.41	61.81	Poor
ELIPH	BTSS	Annual	17.74	49.54	Fair
ELIPH	SECCHI	Annual	1.03	13.04	Poor
PMKTF	STN	Annual	0.846	25.09	Good
PMKTF	BTN	Annual	0.812	14.32	Good
PMKTF	SDIN	Annual	0.393	26.61	Good
PMKTF	BDIN	Annual	0.375	21.55	Good
PMKTF	STP	Annual	0.080	35.52	Good
PMKTF	BTP	Annual	0.078	28.99	Good
PMKTF	SPO4F	Annual	0.017	32.91	Good
PMKTF	BPO4F	Annual	0.015	34.42	Good
PMKTF	SCHLA	Annual	2.91	14.68	Good
PMKTF	STSS	Annual	19.00	67.11	Poor
PMKTF	BTSS	Annual	25.00	40.30	Good
PMKTF	SECCHI	Annual	0.50	27.92	Poor
PMKOH	STN	Annual	0.795	32.98	Good
PMKOH	BTN	Annual	1.032	82.21	Poor
PMKOH	SDIN	Annual	0.219	24.78	Good
PMKOH	BDIN	Annual	0.210	29.26	Good
PMKOH	STP	Annual	0.097	90.00	Poor
PMKOH	BTP	Annual	0.168	97.79	Poor
PMKOH	SPO4F	Annual	0.022	75.18	Poor
PMKOH	BPO4F	Annual	0.021	63.65	Poor
PMKOH	SCHLA	Annual	6.09	34.56	Good
PMKOH	STSS	Annual	37.00	93.89	Poor
PMKOH	BTSS	Annual	103.00	96.47	Poor
PMKOH	SECCHI	Annual	0.40	6.08	Poor
MPNTF	STN	Annual	0.667	12.15	Good
MPNTF	BTN	Annual	0.650	6.59	Good
MPNTF	SDIN	Annual	0.252	14.47	Good
MPNTF	BDIN	Annual	0.234	11.05	Good
MPNTF	STP	Annual	0.067	28.70	Good
MPNTF	BTP	Annual	0.070	25.62	Good
MPNTF	SPO4F	Annual	0.013	29.60	Good
MPNTF	BPO4F	Annual	0.014	33.69	Good
MPNTF	SCHLA	Annual	1.92	9.11	Good
MPNTF	STSS	Annual	8.00	21.00	Good
MPNTF	BTSS	Annual	10.50	16.89	Good
MPNTF	SECCHI	Annual	0.70	52.65	Fair
MPNOH	STN	Annual	0.759	36.72	Good
MPNOH	BTN	Annual	0.862	48.27	Fair
MPNOH	SDIN	Annual	0.195	30.42	Good
MPNOH	BDIN	Annual	0.178	27.86	Good
MPNOH	STP	Annual	0.100	90.71	Poor
MPNOH	BTP	Annual	0.120	92.54	Poor
MPNOH	SPO4F	Annual	0.022	71.42	Poor
MPNOH	BPO4F	Annual	0.021	62.27	Poor
MPNOH	SCHLA	Annual	6.07	29.83	Good
MPNOH	STSS	Annual	37.00	96.62	Poor
MPNOH	BTSS	Annual	55.00	92.06	Poor
MPNOH	SECCHI	Annual	0.40	4.11	Poor

Segment	Parameter	Season	Median	Score	Status
YRKMH	STN	Annual	0.720	47.15	Fair
YRKMH	BTN	Annual	0.840	80.86	Poor
YRKMH	SDIN	Annual	0.146	32.72	Good
YRKMH	BDIN	Annual	0.128	31.74	Good
YRKMH	STP	Annual	0.086	94.10	Poor
YRKMH	BTP	Annual	0.124	97.84	Poor
YRKMH	SPO4F	Annual	0.019	84.76	Poor
YRKMH	BPO4F	Annual	0.022	71.17	Poor
YRKMH	SCHLA	Annual	12.40	66.93	Poor
YRKMH	STSS	Annual	25.50	93.42	Poor
YRKMH	BTSS	Annual	59.50	96.47	Poor
YRKMH	SECCHI	Annual	0.55	4.11	Poor
YRKPH	STN	Annual	0.477	31.63	Good
YRKPH	BTN	Annual	0.519	62.94	Poor
YRKPH	SDIN	Annual	0.044	24.51	Good
YRKPH	BDIN	Annual	0.084	36.73	Good
YRKPH	STP	Annual	0.050	77.74	Poor
YRKPH	BTP	Annual	0.075	84.16	Poor
YRKPH	SPO4F	Annual	0.014	65.33	Poor
YRKPH	BPO4F	Annual	0.015	55.96	Fair
YRKPH	SCHLA	Annual	9.14	57.52	Poor
YRKPH	STSS	Annual	10.25	54.40	Fair
YRKPH	BTSS	Annual	25.50	76.53	Poor
YRKPH	SECCHI	Annual	1.18	17.55	Poor
MOBPH	STN	Annual	0.413	25.37	Good
MOBPH	BTN	Annual	0.411	29.60	Good
MOBPH	SDIN	Annual	0.015	18.91	Good
MOBPH	BDIN	Annual	0.026	14.99	Good
MOBPH	STP	Annual	0.026	38.06	Fair
MOBPH	BTP	Annual	0.027	31.05	Good
MOBPH	SPO4F	Annual	0.001	22.41	Good
MOBPH	BPO4F	Annual	0.002	18.96	Good
MOBPH	SCHLA	Annual	8.14	58.55	Poor
MOBPH	STSS	Annual	8.93	52.25	Fair
MOBPH	BTSS	Annual	11.74	33.04	Good
MOBPH	SECCHI	Annual	1.25	22.92	Poor
RPPTF	STN	Annual	0.968	37.57	Good
RPPTF	BTN	Annual	1.061	32.39	Good
RPPTF	SDIN	Annual	0.539	47.65	Fair
RPPTF	BDIN	Annual	0.550	40.51	Fair
RPPTF	STP	Annual	0.075	29.78	Good
RPPTF	BTP	Annual	0.079	28.84	Good
RPPTF	SPO4F	Annual	0.008	26.77	Good
RPPTF	BPO4F	Annual	0.008	29.45	Good
RPPTF	SCHLA	Annual	15.46	67.36	Poor
RPPTF	STSS	Annual	28.50	83.73	Poor
RPPTF	BTSS	Annual	37.88	67.32	Poor
RPPTF	SECCHI	Annual	0.40	12.80	Poor
RPPMH	STN	Annual	0.485	22.57	Good
RPPMH	BTN	Annual	0.521	39.58	Good
RPPMH	SDIN	Annual	0.020	16.23	Good
RPPMH	BDIN	Annual	0.031	17.30	Good
RPPMH	STP	Annual	0.039	52.28	Fair
RPPMH	BTP	Annual	0.046	47.01	Fair
RPPMH	SPO4F	Annual	0.006	35.20	Good
RPPMH	BPO4F	Annual	0.006	27.37	Good
RPPMH	SCHLA	Annual	9.95	53.38	Fair
RPPMH	STSS	Annual	8.42	46.40	Fair
RPPMH	BTSS	Annual	14.79	46.20	Fair
RPPMH	SECCHI	Annual	1.13	27.92	Poor

Segment	Parameter	Season	Median	Score	Status
RPPOH	STN	Annual	0.827	34.20	Good
RPPOH	BTN	Annual	0.857	40.40	Fair
RPPOH	SDIN	Annual	0.138	18.45	Good
RPPOH	BDIN	Annual	0.115	12.76	Good
RPPOH	STP	Annual	0.074	51.73	Fair
RPPOH	BTP	Annual	0.088	51.50	Fair
RPPOH	SPO4F	Annual	0.012	31.50	Good
RPPOH	BPO4F	Annual	0.010	30.13	Good
RPPOH	SCHLA	Annual	14.34	77.08	Poor
RPPOH	STSS	Annual	26.00	85.11	Poor
RPPOH	BTSS	Annual	55.00	81.50	Poor
RPPOH	SECCHI	Annual	0.40	6.83	Poor
CRRMH	STN	Annual	0.461	18.15	Good
CRRMH	BTN	Annual	0.514	33.33	Good
CRRMH	SDIN	Annual	0.011	17.42	Good
CRRMH	BDIN	Annual	0.019	12.75	Good
CRRMH	STP	Annual	0.030	36.20	Fair
CRRMH	BTP	Annual	0.040	37.82	Good
CRRMH	SPO4F	Annual	0.005	33.18	Good
CRRMH	BPO4F	Annual	0.005	26.75	Good
CRRMH	SCHLA	Annual	6.91	35.72	Good
CRRMH	STSS	Annual	4.00	19.40	Good
CRRMH	BTSS	Annual	6.25	10.16	Good
CRRMH	SECCHI	Annual	1.50	46.34	Fair
PIAMH	STN	Annual	0.470	22.31	Good
PIAMH	BTN	Annual	0.477	28.88	Good
PIAMH	SDIN	Annual	0.011	16.23	Good
PIAMH	BDIN	Annual	0.014	12.06	Good
PIAMH	STP	Annual	0.021	27.77	Good
PIAMH	BTP	Annual	0.023	21.58	Good
PIAMH	SPO4F	Annual	0.001	22.41	Good
PIAMH	BPO4F	Annual	0.001	18.96	Good
PIAMH	SCHLA	Annual	7.85	50.20	Fair
PIAMH	STSS	Annual	6.44	40.28	Fair
PIAMH	BTSS	Annual	9.03	25.37	Good
PIAMH	SECCHI	Annual	1.40	42.79	Fair
POCMH	STN	Annual	0.621	48.99	Fair
POCMH	BTN	Annual	0.629	57.35	Fair
POCMH	SDIN	Annual	0.022	16.53	Good
POCMH	BDIN	Annual	0.022	12.85	Good
POCMH	STP	Annual	0.035	45.54	Fair
POCMH	BTP	Annual	0.035	32.80	Good
POCMH	SPO4F	Annual	0.002	24.67	Good
POCMH	BPO4F	Annual	0.002	18.96	Good
POCMH	SCHLA	Annual	8.93	61.94	Poor
POCMH	STSS	Annual	13.60	80.13	Poor
POCMH	BTSS	Annual	18.14	60.07	Poor
POCMH	SECCHI	Annual	0.80	8.71	Poor
CB5MH	STN	Annual	0.570	36.19	Good
CB5MH	BTN	Annual	0.522	56.33	Fair
CB5MH	SDIN	Annual	0.028	19.64	Good
CB5MH	BDIN	Annual	0.077	39.61	Fair
CB5MH	STP	Annual	0.024	32.47	Good
CB5MH	BTP	Annual	0.032	31.66	Good
CB5MH	SPO4F	Annual	0.002	26.76	Good
CB5MH	BPO4F	Annual	0.004	23.97	Good
CB5MH	SCHLA	Annual	8.18	44.29	Good
CB5MH	STSS	Annual	5.78	34.58	Good
CB5MH	BTSS	Annual	9.45	22.05	Good
CB5MH	SECCHI	Annual	1.70	59.02	Fair

Appendix A.

Continued.

Segment	Parameter	Season	Median	Score	Status
CB6PH	STN	Annual	0.427	22.50	Good
CB6PH	BTN	Annual	0.393	29.19	Good
CB6PH	SDIN	Annual	0.016	18.72	Good
CB6PH	BDIN	Annual	0.044	27.74	Good
CB6PH	STP	Annual	0.018	28.94	Good
CB6PH	BTP	Annual	0.025	24.87	Good
CB6PH	SPO4F	Annual	0.001	22.41	Good
CB6PH	BPO4F	Annual	0.002	23.70	Good
CB6PH	SCHLA	Annual	6.69	43.11	Good
CB6PH	STSS	Annual	6.98	37.36	Good
CB6PH	BTSS	Annual	13.79	38.50	Good
CB6PH	SECCHI	Annual	1.80	56.63	Fair
CB7PH	STN	Annual	0.392	19.04	Good
CB7PH	BTN	Annual	0.375	24.94	Good
CB7PH	SDIN	Annual	0.018	19.95	Good
CB7PH	BDIN	Annual	0.032	21.72	Good
CB7PH	STP	Annual	0.021	26.52	Good
CB7PH	BTP	Annual	0.027	27.68	Good
CB7PH	SPO4F	Annual	0.001	22.41	Good
CB7PH	BPO4F	Annual	0.005	27.04	Good
CB7PH	SCHLA	Annual	5.14	31.63	Good
CB7PH	STSS	Annual	7.03	34.73	Good
CB7PH	BTSS	Annual	13.79	36.87	Good
CB7PH	SECCHI	Annual	1.90	59.02	Fair
CB8PH	STN	Annual	0.348	17.18	Good
CB8PH	BTN	Annual	0.295	11.92	Good
CB8PH	SDIN	Annual	0.028	24.23	Good
CB8PH	BDIN	Annual	0.030	22.08	Good
CB8PH	STP	Annual	0.024	31.53	Good
CB8PH	BTP	Annual	0.030	25.00	Good
CB8PH	SPO4F	Annual	0.005	35.06	Good
CB8PH	BPO4F	Annual	0.008	36.90	Good
CB8PH	SCHLA	Annual	4.93	29.97	Good
CB8PH	STSS	Annual	7.64	36.21	Good
CB8PH	BTSS	Annual	12.26	24.10	Good
CB8PH	SECCHI	Annual	1.75	56.63	Fair
APPTF	STN	Fall	0.895	27.27	Good
APPTF	BTN	Fall	0.895	18.45	Good
APPTF	SDIN	Fall	0.446	26.47	Good
APPTF	BDIN	Fall	0.501	25.95	Good
APPTF	STP	Fall	0.095	42.99	Fair
APPTF	BTP	Fall	0.093	36.79	Good
APPTF	SPO4F	Fall	0.023	34.24	Good
APPTF	BPO4F	Fall	0.022	37.23	Good
APPTF	SCHLA	Fall	7.28	58.67	Poor
APPTF	STSS	Fall	24.00	67.48	Poor
APPTF	BTSS	Fall	26.50	60.45	Poor
APPTF	SECCHI	Fall	0.40	22.76	Poor
JMSTF	STN	Fall	0.943	22.05	Good
JMSTF	BTN	Fall	1.078	33.76	Good
JMSTF	SDIN	Fall	0.438	29.27	Good
JMSTF	BDIN	Fall	0.470	31.44	Good
JMSTF	STP	Fall	0.087	42.31	Fair
JMSTF	BTP	Fall	0.123	49.30	Fair
JMSTF	SPO4F	Fall	0.024	36.43	Good
JMSTF	BPO4F	Fall	0.023	39.08	Good
JMSTF	SCHLA	Fall	1.85	12.70	Good
JMSTF	STSS	Fall	14.00	71.11	Poor
JMSTF	BTSS	Fall	51.00	77.53	Poor
JMSTF	SECCHI	Fall	0.50	22.76	Poor

Segment	Parameter	Season	Median	Score	Status
CHKOH	STN	Fall	0.735	17.96	Good
CHKOH	BTN	Fall	0.786	35.21	Good
CHKOH	SDIN	Fall	0.194	20.13	Good
CHKOH	BDIN	Fall	0.197	19.31	Good
CHKOH	STP	Fall	0.067	61.83	Poor
CHKOH	BTP	Fall	0.097	88.08	Poor
CHKOH	SPO4F	Fall	0.014	38.14	Good
CHKOH	BPO4F	Fall	0.014	39.70	Good
CHKOH	SCHLA	Fall	5.62	47.02	Fair
CHKOH	STSS	Fall	18.00	77.92	Poor
CHKOH	BTSS	Fall	44.00	87.24	Poor
CHKOH	SECCHI	Fall	0.50	14.04	Poor
JMSOH	STN	Fall	0.828	23.68	Good
JMSOH	BTN	Fall	0.915	50.43	Fair
JMSOH	SDIN	Fall	0.420	38.74	Good
JMSOH	BDIN	Fall	0.425	48.39	Fair
JMSOH	STP	Fall	0.073	83.54	Poor
JMSOH	BTP	Fall	0.116	82.64	Poor
JMSOH	SPO4F	Fall	0.030	94.01	Poor
JMSOH	BPO4F	Fall	0.036	96.48	Poor
JMSOH	SCHLA	Fall	4.11	28.65	Good
JMSOH	STSS	Fall	21.00	82.75	Poor
JMSOH	BTSS	Fall	66.88	85.13	Poor
JMSOH	SECCHI	Fall	0.48	13.46	Poor
JMSMH	STN	Fall	0.646	39.76	Good
JMSMH	BTN	Fall	0.583	59.54	Poor
JMSMH	SDIN	Fall	0.317	68.04	Poor
JMSMH	BDIN	Fall	0.249	84.94	Poor
JMSMH	STP	Fall	0.059	80.24	Poor
JMSMH	BTP	Fall	0.055	65.65	Poor
JMSMH	SPO4F	Fall	0.035	97.54	Poor
JMSMH	BPO4F	Fall	0.031	93.05	Poor
JMSMH	SCHLA	Fall	2.86	9.52	Good
JMSMH	STSS	Fall	7.00	30.40	Good
JMSMH	BTSS	Fall	19.50	30.78	Good
JMSMH	SECCHI	Fall	1.45	36.85	Poor
JMSPH	STN	Fall	0.507	22.62	Good
JMSPH	BTN	Fall	0.400	17.70	Good
JMSPH	SDIN	Fall	0.177	45.99	Fair
JMSPH	BDIN	Fall	0.119	35.52	Good
JMSPH	STP	Fall	0.037	64.63	Poor
JMSPH	BTP	Fall	0.040	35.31	Good
JMSPH	SPO4F	Fall	0.021	76.05	Poor
JMSPH	BPO4F	Fall	0.019	59.62	Poor
JMSPH	SCHLA	Fall	4.19	29.12	Good
JMSPH	STSS	Fall	6.42	42.01	Good
JMSPH	BTSS	Fall	9.71	18.67	Good
JMSPH	SECCHI	Fall	1.70	40.06	Poor
EBEMH	STN	Fall	0.874	86.08	Poor
EBEMH	BTN	Fall	0.822	94.37	Poor
EBEMH	SDIN	Fall	0.450	92.45	Poor
EBEMH	BDIN	Fall	0.447	99.27	Poor
EBEMH	STP	Fall	0.059	90.98	Poor
EBEMH	BTP	Fall	0.059	73.42	Poor
EBEMH	SPO4F	Fall	0.044	99.50	Poor
EBEMH	BPO4F	Fall	0.044	99.36	Poor
EBEMH	SCHLA	Fall	2.00	3.02	Good
EBEMH	STSS	Fall	5.72	41.03	Good
EBEMH	BTSS	Fall	7.13	10.77	Good
EBEMH	SECCHI	Fall	1.40	31.86	Poor

Appendix A.

Continued.

Segment	Parameter	Season	Median	Score	Status
WBEMH	STN	Fall	0.701	58.68	Fair
WBEMH	BTN	Fall	0.704	74.60	Poor
WBEMH	SDIN	Fall	0.276	82.33	Poor
WBEMH	BDIN	Fall	0.322	94.99	Poor
WBEMH	STP	Fall	0.065	94.25	Poor
WBEMH	BTP	Fall	0.066	82.14	Poor
WBEMH	SPO4F	Fall	0.038	98.76	Poor
WBEMH	BPO4F	Fall	0.038	98.38	Poor
WBEMH	SCHLA	Fall	4.49	21.88	Good
WBEMH	STSS	Fall	11.84	65.17	Poor
WBEMH	BTSS	Fall	7.48	14.61	Good
WBEMH	SECCHI	Fall	1.30	26.25	Poor
SBEMH	STN	Fall	1.285	99.53	Poor
SBEMH	BTN	Fall	0.990	99.01	Poor
SBEMH	SDIN	Fall	0.589	99.60	Poor
SBEMH	BDIN	Fall	0.527	99.97	Poor
SBEMH	STP	Fall	0.063	96.22	Poor
SBEMH	BTP	Fall	0.063	81.86	Poor
SBEMH	SPO4F	Fall	0.046	99.30	Poor
SBEMH	BPO4F	Fall	0.044	99.25	Poor
SBEMH	SCHLA	Fall	1.67	1.70	Good
SBEMH	STSS	Fall	6.25	47.77	Fair
SBEMH	BTSS	Fall	7.84	16.70	Good
SBEMH	SECCHI	Fall	1.45	36.90	Poor
ELIPH	STN	Fall	0.632	46.26	Fair
ELIPH	BTN	Fall	0.509	46.29	Fair
ELIPH	SDIN	Fall	0.276	77.80	Poor
ELIPH	BDIN	Fall	0.178	81.02	Poor
ELIPH	STP	Fall	0.054	85.66	Poor
ELIPH	BTP	Fall	0.048	59.31	Poor
ELIPH	SPO4F	Fall	0.037	96.35	Poor
ELIPH	BPO4F	Fall	0.030	89.33	Poor
ELIPH	SCHLA	Fall	4.66	21.20	Good
ELIPH	STSS	Fall	6.49	27.90	Good
ELIPH	BTSS	Fall	9.29	17.82	Good
ELIPH	SECCHI	Fall	1.65	45.49	Fair
PMKTF	STN	Fall	0.684	13.10	Good
PMKTF	BTN	Fall	0.736	15.17	Good
PMKTF	SDIN	Fall	0.233	20.18	Good
PMKTF	BDIN	Fall	0.217	18.02	Good
PMKTF	STP	Fall	0.066	30.73	Good
PMKTF	BTP	Fall	0.074	30.84	Good
PMKTF	SPO4F	Fall	0.011	27.98	Good
PMKTF	BPO4F	Fall	0.010	29.64	Good
PMKTF	SCHLA	Fall	2.08	12.68	Good
PMKTF	STSS	Fall	17.00	52.77	Fair
PMKTF	BTSS	Fall	19.00	33.81	Good
PMKTF	SECCHI	Fall	0.60	50.54	Fair
PMKOH	STN	Fall	0.755	37.46	Good
PMKOH	BTN	Fall	1.013	92.60	Poor
PMKOH	SDIN	Fall	0.195	25.02	Good
PMKOH	BDIN	Fall	0.199	35.16	Good
PMKOH	STP	Fall	0.090	99.11	Poor
PMKOH	BTP	Fall	0.147	99.47	Poor
PMKOH	SPO4F	Fall	0.024	87.11	Poor
PMKOH	BPO4F	Fall	0.024	82.44	Poor
PMKOH	SCHLA	Fall	3.99	27.40	Good
PMKOH	STSS	Fall	25.50	91.79	Poor
PMKOH	BTSS	Fall	100.50	97.61	Poor
PMKOH	SECCHI	Fall	0.45	3.36	Poor

Segment	Parameter	Season	Median	Score	Status
MPNTF	STN	Fall	0.550	7.36	Good
MPNTF	BTN	Fall	0.540	3.79	Good
MPNTF	SDIN	Fall	0.167	10.57	Good
MPNTF	BDIN	Fall	0.165	7.87	Good
MPNTF	STP	Fall	0.059	24.59	Good
MPNTF	BTP	Fall	0.064	23.42	Good
MPNTF	SPO4F	Fall	0.010	27.48	Good
MPNTF	BPO4F	Fall	0.011	30.20	Good
MPNTF	SCHLA	Fall	1.19	8.08	Good
MPNTF	STSS	Fall	6.00	14.57	Good
MPNTF	BTSS	Fall	8.00	12.03	Good
MPNTF	SECCHI	Fall	0.90	77.05	Good
MPNOH	STN	Fall	0.724	37.26	Good
MPNOH	BTN	Fall	0.862	66.10	Poor
MPNOH	SDIN	Fall	0.194	29.80	Good
MPNOH	BDIN	Fall	0.200	31.45	Good
MPNOH	STP	Fall	0.100	99.63	Poor
MPNOH	BTP	Fall	0.137	98.85	Poor
MPNOH	SPO4F	Fall	0.028	93.66	Poor
MPNOH	BPO4F	Fall	0.031	92.63	Poor
MPNOH	SCHLA	Fall	5.13	43.74	Fair
MPNOH	STSS	Fall	38.00	97.01	Poor
MPNOH	BTSS	Fall	55.00	91.17	Poor
MPNOH	SECCHI	Fall	0.50	3.36	Poor
YRKMH	STN	Fall	0.713	57.14	Fair
YRKMH	BTN	Fall	0.798	90.24	Poor
YRKMH	SDIN	Fall	0.231	51.65	Fair
YRKMH	BDIN	Fall	0.223	61.80	Poor
YRKMH	STP	Fall	0.085	98.86	Poor
YRKMH	BTP	Fall	0.117	99.59	Poor
YRKMH	SPO4F	Fall	0.040	98.42	Poor
YRKMH	BPO4F	Fall	0.041	98.23	Poor
YRKMH	SCHLA	Fall	7.94	70.70	Poor
YRKMH	STSS	Fall	16.00	86.87	Poor
YRKMH	BTSS	Fall	47.44	94.36	Poor
YRKMH	SECCHI	Fall	0.78	4.87	Poor
YRKPH	STN	Fall	0.486	25.64	Good
YRKPH	BTN	Fall	0.510	58.30	Poor
YRKPH	SDIN	Fall	0.145	38.83	Good
YRKPH	BDIN	Fall	0.090	40.61	Good
YRKPH	STP	Fall	0.057	88.10	Poor
YRKPH	BTP	Fall	0.079	85.52	Poor
YRKPH	SPO4F	Fall	0.027	81.93	Poor
YRKPH	BPO4F	Fall	0.024	78.26	Poor
YRKPH	SCHLA	Fall	5.38	43.12	Good
YRKPH	STSS	Fall	11.00	56.85	Poor
YRKPH	BTSS	Fall	25.00	80.26	Poor
YRKPH	SECCHI	Fall	1.20	14.14	Poor
MOBPH	STN	Fall	0.406	11.51	Good
MOBPH	BTN	Fall	0.393	15.16	Good
MOBPH	SDIN	Fall	0.021	15.22	Good
MOBPH	BDIN	Fall	0.025	10.40	Good
MOBPH	STP	Fall	0.021	23.60	Good
MOBPH	BTP	Fall	0.024	17.28	Good
MOBPH	SPO4F	Fall	0.003	22.13	Good
MOBPH	BPO4F	Fall	0.003	15.86	Good
MOBPH	SCHLA	Fall	7.46	69.67	Poor
MOBPH	STSS	Fall	8.16	47.17	Fair
MOBPH	BTSS	Fall	8.98	19.48	Good
MOBPH	SECCHI	Fall	1.50	32.51	Poor

Appendix A.

Continued.

Segment	Parameter	Season	Median	Score	Status
RPPTF	STN	Fall	0.931	31.00	Good
RPPTF	BTN	Fall	1.051	31.61	Good
RPPTF	SDIN	Fall	0.665	43.30	Fair
RPPTF	BDIN	Fall	0.670	38.26	Good
RPPTF	STP	Fall	0.087	31.05	Good
RPPTF	BTP	Fall	0.090	27.50	Good
RPPTF	SPO4F	Fall	0.018	30.51	Good
RPPTF	BPO4F	Fall	0.018	33.05	Good
RPPTF	SCHLA	Fall	3.51	47.25	Fair
RPPTF	STSS	Fall	31.75	83.69	Poor
RPPTF	BTSS	Fall	30.75	62.30	Poor
RPPTF	SECCHI	Fall	0.38	14.04	Poor
RPPMH	STN	Fall	0.436	18.11	Good
RPPMH	BTN	Fall	0.519	29.51	Good
RPPMH	SDIN	Fall	0.031	14.10	Good
RPPMH	BDIN	Fall	0.032	11.93	Good
RPPMH	STP	Fall	0.030	37.37	Good
RPPMH	BTP	Fall	0.043	48.39	Fair
RPPMH	SPO4F	Fall	0.005	30.01	Good
RPPMH	BPO4F	Fall	0.006	23.16	Good
RPPMH	SCHLA	Fall	6.84	69.05	Poor
RPPMH	STSS	Fall	5.60	40.70	Good
RPPMH	BTSS	Fall	16.00	40.97	Good
RPPMH	SECCHI	Fall	1.60	37.80	Poor
RPPOH	STN	Fall	0.714	43.92	Fair
RPPOH	BTN	Fall	0.813	63.18	Poor
RPPOH	SDIN	Fall	0.051	13.69	Good
RPPOH	BDIN	Fall	0.048	7.36	Good
RPPOH	STP	Fall	0.093	88.15	Poor
RPPOH	BTP	Fall	0.131	74.98	Poor
RPPOH	SPO4F	Fall	0.010	34.09	Good
RPPOH	BPO4F	Fall	0.010	25.99	Good
RPPOH	SCHLA	Fall	17.30	94.67	Poor
RPPOH	STSS	Fall	28.50	89.58	Poor
RPPOH	BTSS	Fall	46.00	81.27	Poor
RPPOH	SECCHI	Fall	0.45	3.43	Poor
CRRMH	STN	Fall	0.432	15.37	Good
CRRMH	BTN	Fall	0.523	37.07	Good
CRRMH	SDIN	Fall	0.010	12.24	Good
CRRMH	BDIN	Fall	0.012	8.55	Good
CRRMH	STP	Fall	0.029	36.72	Good
CRRMH	BTP	Fall	0.036	35.48	Good
CRRMH	SPO4F	Fall	0.004	26.69	Good
CRRMH	BPO4F	Fall	0.005	20.66	Good
CRRMH	SCHLA	Fall	6.91	54.29	Fair
CRRMH	STSS	Fall	4.00	19.70	Good
CRRMH	BTSS	Fall	4.00	4.06	Good
CRRMH	SECCHI	Fall	1.90	54.03	Fair
PIAMH	STN	Fall	0.402	19.57	Good
PIAMH	BTN	Fall	0.439	15.27	Good
PIAMH	SDIN	Fall	0.008	11.28	Good
PIAMH	BDIN	Fall	0.008	6.91	Good
PIAMH	STP	Fall	0.019	16.38	Good
PIAMH	BTP	Fall	0.019	14.35	Good
PIAMH	SPO4F	Fall	0.001	17.60	Good
PIAMH	BPO4F	Fall	0.001	12.64	Good
PIAMH	SCHLA	Fall	9.49	80.24	Poor
PIAMH	STSS	Fall	5.95	45.87	Fair
PIAMH	BTSS	Fall	7.73	19.36	Good
PIAMH	SECCHI	Fall	1.70	44.97	Fair

Appendix A.

Continued.

Segment	Parameter	Season	Median	Score	Status
POCMH	STN	Fall	0.557	53.15	Fair
POCMH	BTN	Fall	0.612	57.82	Poor
POCMH	SDIN	Fall	0.035	13.79	Good
POCMH	BDIN	Fall	0.031	9.69	Good
POCMH	STP	Fall	0.025	26.26	Good
POCMH	BTP	Fall	0.026	20.67	Good
POCMH	SPO4F	Fall	0.004	23.24	Good
POCMH	BPO4F	Fall	0.003	15.96	Good
POCMH	SCHLA	Fall	8.93	78.58	Poor
POCMH	STSS	Fall	16.10	73.43	Poor
POCMH	BTSS	Fall	13.16	28.68	Good
POCMH	SECCHI	Fall	1.10	8.94	Poor
CB5MH	STN	Fall	0.565	51.36	Fair
CB5MH	BTN	Fall	0.506	54.55	Fair
CB5MH	SDIN	Fall	0.084	20.15	Good
CB5MH	BDIN	Fall	0.065	23.37	Good
CB5MH	STP	Fall	0.025	29.89	Good
CB5MH	BTP	Fall	0.031	28.76	Good
CB5MH	SPO4F	Fall	0.002	21.15	Good
CB5MH	BPO4F	Fall	0.005	18.58	Good
CB5MH	SCHLA	Fall	7.78	67.15	Poor
CB5MH	STSS	Fall	6.12	35.73	Good
CB5MH	BTSS	Fall	9.20	17.82	Good
CB5MH	SECCHI	Fall	1.75	47.12	Fair
CB6PH	STN	Fall	0.363	9.89	Good
CB6PH	BTN	Fall	0.358	12.92	Good
CB6PH	SDIN	Fall	0.022	15.44	Good
CB6PH	BDIN	Fall	0.042	13.26	Good
CB6PH	STP	Fall	0.019	20.98	Good
CB6PH	BTP	Fall	0.021	17.77	Good
CB6PH	SPO4F	Fall	0.001	21.15	Good
CB6PH	BPO4F	Fall	0.004	16.66	Good
CB6PH	SCHLA	Fall	5.85	62.41	Poor
CB6PH	STSS	Fall	6.59	42.73	Good
CB6PH	BTSS	Fall	11.93	29.85	Good
CB6PH	SECCHI	Fall	2.13	47.12	Fair
CB7PH	STN	Fall	0.336	10.23	Good
CB7PH	BTN	Fall	0.358	15.06	Good
CB7PH	SDIN	Fall	0.028	15.17	Good
CB7PH	BDIN	Fall	0.038	13.92	Good
CB7PH	STP	Fall	0.023	22.31	Good
CB7PH	BTP	Fall	0.030	24.83	Good
CB7PH	SPO4F	Fall	0.005	21.97	Good
CB7PH	BPO4F	Fall	0.006	22.39	Good
CB7PH	SCHLA	Fall	6.38	66.46	Poor
CB7PH	STSS	Fall	7.47	49.56	Fair
CB7PH	BTSS	Fall	17.73	45.18	Good
CB7PH	SECCHI	Fall	2.08	40.06	Poor
CB8PH	STN	Fall	0.351	10.78	Good
CB8PH	BTN	Fall	0.345	10.45	Good
CB8PH	SDIN	Fall	0.046	22.38	Good
CB8PH	BDIN	Fall	0.056	20.66	Good
CB8PH	STP	Fall	0.027	30.61	Good
CB8PH	BTP	Fall	0.037	35.49	Good
CB8PH	SPO4F	Fall	0.008	37.26	Good
CB8PH	BPO4F	Fall	0.010	34.12	Good
CB8PH	SCHLA	Fall	5.18	49.08	Fair
CB8PH	STSS	Fall	8.80	42.88	Good
CB8PH	BTSS	Fall	23.99	68.70	Poor
CB8PH	SECCHI	Fall	1.65	33.16	Poor

Segment	Parameter	Season	Median	Score	Status
APPTF	STN	SAV1	0.881	31.71	Good
APPTF	BTN	SAV1	0.895	25.01	Good
APPTF	SDIN	SAV1	0.287	17.20	Good
APPTF	BDIN	SAV1	0.286	12.52	Good
APPTF	STP	SAV1	0.088	41.09	Fair
APPTF	BTP	SAV1	0.092	40.14	Fair
APPTF	SPO4F	SAV1	0.016	32.95	Good
APPTF	BPO4F	SAV1	0.011	30.92	Good
APPTF	SCHLA	SAV1	11.25	66.84	Poor
APPTF	STSS	SAV1	23.00	68.52	Poor
APPTF	BTSS	SAV1	32.50	58.57	Poor
APPTF	SECCHI	SAV1	0.40	22.00	Poor
JMSTF	STN	SAV1	0.901	27.69	Good
JMSTF	BTN	SAV1	1.028	31.51	Good
JMSTF	SDIN	SAV1	0.372	26.03	Good
JMSTF	BDIN	SAV1	0.388	26.64	Good
JMSTF	STP	SAV1	0.081	36.75	Good
JMSTF	BTP	SAV1	0.098	40.43	Fair
JMSTF	SPO4F	SAV1	0.025	38.82	Fair
JMSTF	BPO4F	SAV1	0.024	40.47	Good
JMSTF	SCHLA	SAV1	6.15	20.38	Good
JMSTF	STSS	SAV1	20.00	70.11	Poor
JMSTF	BTSS	SAV1	44.00	65.80	Poor
JMSTF	SECCHI	SAV1	0.40	22.00	Poor
CHKOH	STN	SAV1	0.750	20.63	Good
CHKOH	BTN	SAV1	0.831	26.22	Good
CHKOH	SDIN	SAV1	0.144	10.61	Good
CHKOH	BDIN	SAV1	0.151	7.83	Good
CHKOH	STP	SAV1	0.079	40.24	Fair
CHKOH	BTP	SAV1	0.097	48.33	Fair
CHKOH	SPO4F	SAV1	0.013	32.42	Good
CHKOH	BPO4F	SAV1	0.012	32.78	Good
CHKOH	SCHLA	SAV1	15.58	83.40	Poor
CHKOH	STSS	SAV1	23.50	75.78	Poor
CHKOH	BTSS	SAV1	46.50	77.77	Poor
CHKOH	SECCHI	SAV1	0.40	12.08	Poor
JMSOH	STN	SAV1	0.811	31.91	Good
JMSOH	BTN	SAV1	0.892	50.81	Fair
JMSOH	SDIN	SAV1	0.324	40.79	Fair
JMSOH	BDIN	SAV1	0.334	52.93	Fair
JMSOH	STP	SAV1	0.081	63.82	Poor
JMSOH	BTP	SAV1	0.115	72.33	Poor
JMSOH	SPO4F	SAV1	0.027	78.91	Poor
JMSOH	BPO4F	SAV1	0.029	74.35	Poor
JMSOH	SCHLA	SAV1	5.88	28.26	Good
JMSOH	STSS	SAV1	23.00	83.57	Poor
JMSOH	BTSS	SAV1	67.75	90.52	Poor
JMSOH	SECCHI	SAV1	0.45	10.00	Poor
JMSMH	STN	SAV1	0.646	35.04	Good
JMSMH	BTN	SAV1	0.653	55.74	Fair
JMSMH	SDIN	SAV1	0.297	55.34	Fair
JMSMH	BDIN	SAV1	0.248	70.93	Poor
JMSMH	STP	SAV1	0.065	78.84	Poor
JMSMH	BTP	SAV1	0.080	82.87	Poor
JMSMH	SPO4F	SAV1	0.031	92.57	Poor
JMSMH	BPO4F	SAV1	0.029	91.42	Poor
JMSMH	SCHLA	SAV1	4.28	18.21	Good
JMSMH	STSS	SAV1	13.50	69.47	Poor
JMSMH	BTSS	SAV1	32.75	78.72	Poor
JMSMH	SECCHI	SAV1	0.83	13.55	Poor

Segment	Parameter	Season	Median	Score	Status
JMSPH	STN	SAV1	0.477	25.43	Good
JMSPH	BTN	SAV1	0.468	33.57	Good
JMSPH	SDIN	SAV1	0.102	40.20	Fair
JMSPH	BDIN	SAV1	0.087	44.67	Fair
JMSPH	STP	SAV1	0.041	68.62	Poor
JMSPH	BTP	SAV1	0.048	51.64	Fair
JMSPH	SPO4F	SAV1	0.020	71.73	Poor
JMSPH	BPO4F	SAV1	0.016	56.52	Fair
JMSPH	SCHLA	SAV1	6.90	37.41	Good
JMSPH	STSS	SAV1	9.33	50.11	Fair
JMSPH	BTSS	SAV1	18.79	50.29	Fair
JMSPH	SECCHI	SAV1	1.20	20.34	Poor
EBEMH	STN	SAV1	0.863	91.63	Poor
EBEMH	BTN	SAV1	0.789	82.22	Poor
EBEMH	SDIN	SAV1	0.421	88.82	Poor
EBEMH	BDIN	SAV1	0.368	96.02	Poor
EBEMH	STP	SAV1	0.054	80.89	Poor
EBEMH	BTP	SAV1	0.059	63.07	Poor
EBEMH	SPO4F	SAV1	0.021	87.29	Poor
EBEMH	BPO4F	SAV1	0.025	84.30	Poor
EBEMH	SCHLA	SAV1	6.41	45.75	Fair
EBEMH	STSS	SAV1	8.12	54.01	Fair
EBEMH	BTSS	SAV1	11.80	29.77	Good
EBEMH	SECCHI	SAV1	1.10	20.16	Poor
WBEMH	STN	SAV1	0.749	72.75	Poor
WBEMH	BTN	SAV1	0.736	81.92	Poor
WBEMH	SDIN	SAV1	0.278	70.41	Poor
WBEMH	BDIN	SAV1	0.296	85.55	Poor
WBEMH	STP	SAV1	0.064	92.37	Poor
WBEMH	BTP	SAV1	0.062	73.77	Poor
WBEMH	SPO4F	SAV1	0.013	67.05	Poor
WBEMH	BPO4F	SAV1	0.017	66.42	Poor
WBEMH	SCHLA	SAV1	9.40	65.31	Poor
WBEMH	STSS	SAV1	16.82	85.90	Poor
WBEMH	BTSS	SAV1	20.68	64.46	Poor
WBEMH	SECCHI	SAV1	0.75	5.91	Poor
SBEMH	STN	SAV1	1.027	98.15	Poor
SBEMH	BTN	SAV1	0.974	97.56	Poor
SBEMH	SDIN	SAV1	0.569	98.29	Poor
SBEMH	BDIN	SAV1	0.503	99.54	Poor
SBEMH	STP	SAV1	0.058	84.80	Poor
SBEMH	BTP	SAV1	0.069	74.11	Poor
SBEMH	SPO4F	SAV1	0.034	97.50	Poor
SBEMH	BPO4F	SAV1	0.038	96.23	Poor
SBEMH	SCHLA	SAV1	2.65	4.76	Good
SBEMH	STSS	SAV1	7.63	44.29	Fair
SBEMH	BTSS	SAV1	10.91	24.92	Good
SBEMH	SECCHI	SAV1	1.23	21.85	Poor
ELIPH	STN	SAV1	0.713	72.11	Poor
ELIPH	BTN	SAV1	0.607	70.91	Poor
ELIPH	SDIN	SAV1	0.286	73.62	Poor
ELIPH	BDIN	SAV1	0.246	92.65	Poor
ELIPH	STP	SAV1	0.055	86.90	Poor
ELIPH	BTP	SAV1	0.073	78.74	Poor
ELIPH	SPO4F	SAV1	0.031	96.24	Poor
ELIPH	BPO4F	SAV1	0.029	86.11	Poor
ELIPH	SCHLA	SAV1	7.00	56.76	Poor
ELIPH	STSS	SAV1	11.09	66.99	Poor
ELIPH	BTSS	SAV1	16.68	42.15	Good
ELIPH	SECCHI	SAV1	1.08	11.59	Poor

Segment	Parameter	Season	Median	Score	Status
PMKTF	STN	SAV1	0.846	28.22	Good
PMKTF	BTN	SAV1	0.773	15.03	Good
PMKTF	SDIN	SAV1	0.380	27.09	Good
PMKTF	BDIN	SAV1	0.368	21.17	Good
PMKTF	STP	SAV1	0.073	34.56	Good
PMKTF	BTP	SAV1	0.073	26.61	Good
PMKTF	SPO4F	SAV1	0.018	34.46	Good
PMKTF	BPO4F	SAV1	0.016	35.48	Good
PMKTF	SCHLA	SAV1	2.76	10.67	Good
PMKTF	STSS	SAV1	19.00	64.48	Poor
PMKTF	BTSS	SAV1	20.00	36.85	Good
PMKTF	SECCHI	SAV1	0.55	30.67	Poor
PMKOH	STN	SAV1	0.808	36.92	Good
PMKOH	BTN	SAV1	1.077	75.52	Poor
PMKOH	SDIN	SAV1	0.211	25.44	Good
PMKOH	BDIN	SAV1	0.208	25.98	Good
PMKOH	STP	SAV1	0.116	86.70	Poor
PMKOH	BTP	SAV1	0.170	97.29	Poor
PMKOH	SPO4F	SAV1	0.023	71.66	Poor
PMKOH	BPO4F	SAV1	0.022	63.59	Poor
PMKOH	SCHLA	SAV1	5.71	29.02	Good
PMKOH	STSS	SAV1	40.50	91.74	Poor
PMKOH	BTSS	SAV1	110.00	94.53	Poor
PMKOH	SECCHI	SAV1	0.38	5.92	Poor
MPNTF	STN	SAV1	0.643	13.33	Good
MPNTF	BTN	SAV1	0.584	6.39	Good
MPNTF	SDIN	SAV1	0.210	12.95	Good
MPNTF	BDIN	SAV1	0.202	9.35	Good
MPNTF	STP	SAV1	0.059	27.03	Good
MPNTF	BTP	SAV1	0.058	20.30	Good
MPNTF	SPO4F	SAV1	0.013	31.47	Good
MPNTF	BPO4F	SAV1	0.012	32.79	Good
MPNTF	SCHLA	SAV1	2.04	8.12	Good
MPNTF	STSS	SAV1	8.00	17.48	Good
MPNTF	BTSS	SAV1	8.00	8.01	Good
MPNTF	SECCHI	SAV1	0.85	65.35	Good
MPNOH	STN	SAV1	0.763	35.56	Good
MPNOH	BTN	SAV1	0.865	35.03	Good
MPNOH	SDIN	SAV1	0.187	22.97	Good
MPNOH	BDIN	SAV1	0.157	19.12	Good
MPNOH	STP	SAV1	0.108	94.94	Poor
MPNOH	BTP	SAV1	0.140	94.90	Poor
MPNOH	SPO4F	SAV1	0.024	68.48	Poor
MPNOH	BPO4F	SAV1	0.025	76.84	Poor
MPNOH	SCHLA	SAV1	6.07	28.50	Good
MPNOH	STSS	SAV1	46.50	96.50	Poor
MPNOH	BTSS	SAV1	56.00	93.77	Poor
MPNOH	SECCHI	SAV1	0.40	4.04	Poor
YRKMH	STN	SAV1	0.699	44.66	Fair
YRKMH	BTN	SAV1	0.835	79.87	Poor
YRKMH	SDIN	SAV1	0.197	31.28	Good
YRKMH	BDIN	SAV1	0.187	36.08	Good
YRKMH	STP	SAV1	0.095	96.52	Poor
YRKMH	BTP	SAV1	0.125	98.33	Poor
YRKMH	SPO4F	SAV1	0.023	90.05	Poor
YRKMH	BPO4F	SAV1	0.023	79.17	Poor
YRKMH	SCHLA	SAV1	9.67	61.99	Poor
YRKMH	STSS	SAV1	34.25	94.93	Poor
YRKMH	BTSS	SAV1	66.25	96.90	Poor
YRKMH	SECCHI	SAV1	0.50	4.04	Poor

Segment	Parameter	Season	Median	Score	Status
YRKPH	STN	SAV1	0.487	29.95	Good
YRKPH	BTN	SAV1	0.511	57.26	Fair
YRKPH	SDIN	SAV1	0.077	23.05	Good
YRKPH	BDIN	SAV1	0.084	30.42	Good
YRKPH	STP	SAV1	0.053	77.05	Poor
YRKPH	BTP	SAV1	0.073	76.44	Poor
YRKPH	SPO4F	SAV1	0.015	66.85	Poor
YRKPH	BPO4F	SAV1	0.015	53.75	Fair
YRKPH	SCHLA	SAV1	8.62	46.64	Fair
YRKPH	STSS	SAV1	10.75	55.64	Fair
YRKPH	BTSS	SAV1	21.88	72.06	Poor
YRKPH	SECCHI	SAV1	1.10	15.53	Poor
MOBPH	STN	SAV1	0.412	19.44	Good
MOBPH	BTN	SAV1	0.402	20.11	Good
MOBPH	SDIN	SAV1	0.015	16.10	Good
MOBPH	BDIN	SAV1	0.022	13.84	Good
MOBPH	STP	SAV1	0.026	31.76	Good
MOBPH	BTP	SAV1	0.026	23.75	Good
MOBPH	SPO4F	SAV1	0.001	23.86	Good
MOBPH	BPO4F	SAV1	0.001	18.88	Good
MOBPH	SCHLA	SAV1	8.08	53.58	Fair
MOBPH	STSS	SAV1	8.80	51.93	Fair
MOBPH	BTSS	SAV1	11.37	31.07	Good
MOBPH	SECCHI	SAV1	1.30	25.49	Poor
RPPTF	STN	SAV1	0.954	37.82	Good
RPPTF	BTN	SAV1	0.960	32.03	Good
RPPTF	SDIN	SAV1	0.477	48.35	Fair
RPPTF	BDIN	SAV1	0.486	42.80	Fair
RPPTF	STP	SAV1	0.071	30.01	Good
RPPTF	BTP	SAV1	0.073	25.88	Good
RPPTF	SPO4F	SAV1	0.009	29.74	Good
RPPTF	BPO4F	SAV1	0.009	30.19	Good
RPPTF	SCHLA	SAV1	17.63	67.61	Poor
RPPTF	STSS	SAV1	31.50	83.14	Poor
RPPTF	BTSS	SAV1	37.00	62.37	Poor
RPPTF	SECCHI	SAV1	0.40	12.08	Poor
RPPMH	STN	SAV1	0.471	23.26	Good
RPPMH	BTN	SAV1	0.541	41.85	Fair
RPPMH	SDIN	SAV1	0.023	14.45	Good
RPPMH	BDIN	SAV1	0.047	17.59	Good
RPPMH	STP	SAV1	0.040	54.82	Fair
RPPMH	BTP	SAV1	0.053	53.51	Fair
RPPMH	SPO4F	SAV1	0.006	36.53	Good
RPPMH	BPO4F	SAV1	0.006	31.68	Good
RPPMH	SCHLA	SAV1	9.20	52.77	Fair
RPPMH	STSS	SAV1	9.00	46.91	Fair
RPPMH	BTSS	SAV1	17.43	48.04	Fair
RPPMH	SECCHI	SAV1	1.18	25.68	Poor
RPPOH	STN	SAV1	0.878	34.87	Good
RPPOH	BTN	SAV1	0.815	35.25	Good
RPPOH	SDIN	SAV1	0.135	14.53	Good
RPPOH	BDIN	SAV1	0.061	10.77	Good
RPPOH	STP	SAV1	0.079	63.42	Poor
RPPOH	BTP	SAV1	0.085	64.11	Poor
RPPOH	SPO4F	SAV1	0.012	32.65	Good
RPPOH	BPO4F	SAV1	0.010	31.66	Good
RPPOH	SCHLA	SAV1	16.70	85.99	Poor
RPPOH	STSS	SAV1	26.00	84.76	Poor
RPPOH	BTSS	SAV1	63.00	85.09	Poor
RPPOH	SECCHI	SAV1	0.40	7.18	Poor

Segment	Parameter	Season	Median	Score	Status
CRRMH	STN	SAV1	0.526	18.53	Good
CRRMH	BTN	SAV1	0.545	27.22	Good
CRRMH	SDIN	SAV1	0.012	16.01	Good
CRRMH	BDIN	SAV1	0.028	13.84	Good
CRRMH	STP	SAV1	0.032	40.47	Fair
CRRMH	BTP	SAV1	0.038	36.45	Good
CRRMH	SPO4F	SAV1	0.005	34.85	Good
CRRMH	BPO4F	SAV1	0.006	28.78	Good
CRRMH	SCHLA	SAV1	7.18	42.32	Good
CRRMH	STSS	SAV1	4.00	19.58	Good
CRRMH	BTSS	SAV1	7.88	11.86	Good
CRRMH	SECCHI	SAV1	1.50	47.15	Fair
PIAMH	STN	SAV1	0.431	25.75	Good
PIAMH	BTN	SAV1	0.446	27.71	Good
PIAMH	SDIN	SAV1	0.004	14.77	Good
PIAMH	BDIN	SAV1	0.004	11.38	Good
PIAMH	STP	SAV1	0.019	21.68	Good
PIAMH	BTP	SAV1	0.020	18.27	Good
PIAMH	SPO4F	SAV1	0.001	20.77	Good
PIAMH	BPO4F	SAV1	0.001	17.29	Good
PIAMH	SCHLA	SAV1	6.51	48.01	Fair
PIAMH	STSS	SAV1	6.22	37.56	Good
PIAMH	BTSS	SAV1	9.25	24.68	Good
PIAMH	SECCHI	SAV1	1.40	44.66	Fair
POCMH	STN	SAV1	0.618	38.82	Good
POCMH	BTN	SAV1	0.606	56.85	Fair
POCMH	SDIN	SAV1	0.028	14.77	Good
POCMH	BDIN	SAV1	0.024	11.38	Good
POCMH	STP	SAV1	0.028	36.82	Good
POCMH	BTP	SAV1	0.032	27.20	Good
POCMH	SPO4F	SAV1	0.003	26.07	Good
POCMH	BPO4F	SAV1	0.003	19.28	Good
POCMH	SCHLA	SAV1	8.27	49.54	Fair
POCMH	STSS	SAV1	12.38	69.36	Poor
POCMH	BTSS	SAV1	13.89	37.59	Good
POCMH	SECCHI	SAV1	0.85	11.59	Poor
CB5MH	STN	SAV1	0.600	40.25	Good
CB5MH	BTN	SAV1	0.515	51.44	Fair
CB5MH	SDIN	SAV1	0.085	21.39	Good
CB5MH	BDIN	SAV1	0.093	37.02	Good
CB5MH	STP	SAV1	0.024	29.83	Good
CB5MH	BTP	SAV1	0.031	27.89	Good
CB5MH	SPO4F	SAV1	0.002	26.30	Good
CB5MH	BPO4F	SAV1	0.004	22.92	Good
CB5MH	SCHLA	SAV1	8.91	46.54	Fair
CB5MH	STSS	SAV1	5.80	34.85	Good
CB5MH	BTSS	SAV1	9.20	21.48	Good
CB5MH	SECCHI	SAV1	1.70	56.38	Fair
CB6PH	STN	SAV1	0.374	20.35	Good
CB6PH	BTN	SAV1	0.362	20.21	Good
CB6PH	SDIN	SAV1	0.014	17.79	Good
CB6PH	BDIN	SAV1	0.030	17.62	Good
CB6PH	STP	SAV1	0.018	20.93	Good
CB6PH	BTP	SAV1	0.024	19.01	Good
CB6PH	SPO4F	SAV1	0.001	23.86	Good
CB6PH	BPO4F	SAV1	0.002	18.09	Good
CB6PH	SCHLA	SAV1	6.03	40.62	Good
CB6PH	STSS	SAV1	5.95	32.03	Good
CB6PH	BTSS	SAV1	13.23	38.21	Good
CB6PH	SECCHI	SAV1	1.73	62.05	Good

Appendix A.

Continued.

Segment	Parameter	Season	Median	Score	Status
CB7PH	STN	SAV1	0.372	16.69	Good
CB7PH	BTN	SAV1	0.341	16.51	Good
CB7PH	SDIN	SAV1	0.015	18.65	Good
CB7PH	BDIN	SAV1	0.022	18.48	Good
CB7PH	STP	SAV1	0.018	23.13	Good
CB7PH	BTP	SAV1	0.024	22.18	Good
CB7PH	SPO4F	SAV1	0.002	23.86	Good
CB7PH	BPO4F	SAV1	0.004	22.05	Good
CB7PH	SCHLA	SAV1	4.86	30.13	Good
CB7PH	STSS	SAV1	6.08	31.09	Good
CB7PH	BTSS	SAV1	13.55	35.25	Good
CB7PH	SECCHI	SAV1	2.00	64.25	Good
CB8PH	STN	SAV1	0.347	13.61	Good
CB8PH	BTN	SAV1	0.306	12.34	Good
CB8PH	SDIN	SAV1	0.028	22.24	Good
CB8PH	BDIN	SAV1	0.030	21.00	Good
CB8PH	STP	SAV1	0.024	27.55	Good
CB8PH	BTP	SAV1	0.032	27.89	Good
CB8PH	SPO4F	SAV1	0.006	35.17	Good
CB8PH	BPO4F	SAV1	0.008	32.44	Good
CB8PH	SCHLA	SAV1	4.81	29.85	Good
CB8PH	STSS	SAV1	7.80	40.81	Good
CB8PH	BTSS	SAV1	16.03	46.69	Fair
CB8PH	SECCHI	SAV1	1.60	45.32	Fair
APPTF	STN	SAV2	0.939	34.29	Good
APPTF	BTN	SAV2	0.973	30.87	Good
APPTF	SDIN	SAV2	0.166	10.97	Good
APPTF	BDIN	SAV2	0.159	7.48	Good
APPTF	STP	SAV2	0.104	52.75	Fair
APPTF	BTP	SAV2	0.120	49.58	Fair
APPTF	SPO4F	SAV2	0.019	34.42	Good
APPTF	BPO4F	SAV2	0.021	40.24	Good
APPTF	SCHLA	SAV2	33.21	91.79	Poor
APPTF	STSS	SAV2	28.00	84.11	Poor
APPTF	BTSS	SAV2	48.00	72.63	Poor
APPTF	SECCHI	SAV2	0.40	21.40	Poor
JMSTF	STN	SAV2	0.863	22.94	Good
JMSTF	BTN	SAV2	1.043	31.83	Good
JMSTF	SDIN	SAV2	0.244	23.33	Good
JMSTF	BDIN	SAV2	0.285	21.37	Good
JMSTF	STP	SAV2	0.083	34.39	Good
JMSTF	BTP	SAV2	0.113	39.79	Good
JMSTF	SPO4F	SAV2	0.027	38.97	Fair
JMSTF	BPO4F	SAV2	0.025	41.94	Fair
JMSTF	SCHLA	SAV2	15.33	47.98	Fair
JMSTF	STSS	SAV2	15.50	61.43	Poor
JMSTF	BTSS	SAV2	51.00	69.93	Poor
JMSTF	SECCHI	SAV2	0.50	21.40	Poor
CHKOH	STN	SAV2	0.687	16.79	Good
CHKOH	BTN	SAV2	0.831	25.47	Good
CHKOH	SDIN	SAV2	0.030	10.90	Good
CHKOH	BDIN	SAV2	0.030	6.20	Good
CHKOH	STP	SAV2	0.074	37.19	Good
CHKOH	BTP	SAV2	0.100	43.96	Fair
CHKOH	SPO4F	SAV2	0.012	30.50	Good
CHKOH	BPO4F	SAV2	0.013	32.79	Good
CHKOH	SCHLA	SAV2	13.62	69.70	Poor
CHKOH	STSS	SAV2	23.00	73.29	Poor
CHKOH	BTSS	SAV2	58.00	87.81	Poor
CHKOH	SECCHI	SAV2	0.40	10.94	Poor

Segment	Parameter	Season	Median	Score	Status
JMSOH	STN	SAV2	0.659	12.12	Good
JMSOH	BTN	SAV2	0.793	21.45	Good
JMSOH	SDIN	SAV2	0.244	25.82	Good
JMSOH	BDIN	SAV2	0.238	21.68	Good
JMSOH	STP	SAV2	0.081	71.03	Poor
JMSOH	BTP	SAV2	0.113	87.24	Poor
JMSOH	SPO4F	SAV2	0.029	92.84	Poor
JMSOH	BPO4F	SAV2	0.029	80.49	Poor
JMSOH	SCHLA	SAV2	7.93	30.72	Good
JMSOH	STSS	SAV2	21.50	82.71	Poor
JMSOH	BTSS	SAV2	52.00	91.39	Poor
JMSOH	SECCHI	SAV2	0.45	10.88	Poor
JMSMH	STN	SAV2	0.530	30.29	Good
JMSMH	BTN	SAV2	0.610	62.08	Poor
JMSMH	SDIN	SAV2	0.161	55.57	Fair
JMSMH	BDIN	SAV2	0.167	62.65	Poor
JMSMH	STP	SAV2	0.068	84.51	Poor
JMSMH	BTP	SAV2	0.087	85.39	Poor
JMSMH	SPO4F	SAV2	0.034	96.93	Poor
JMSMH	BPO4F	SAV2	0.040	89.74	Poor
JMSMH	SCHLA	SAV2	5.34	18.39	Good
JMSMH	STSS	SAV2	14.00	75.44	Poor
JMSMH	BTSS	SAV2	42.00	89.38	Poor
JMSMH	SECCHI	SAV2	0.80	13.73	Poor
JMSPH	STN	SAV2	0.502	38.91	Good
JMSPH	BTN	SAV2	0.479	44.34	Fair
JMSPH	SDIN	SAV2	0.085	53.64	Fair
JMSPH	BDIN	SAV2	0.073	35.93	Good
JMSPH	STP	SAV2	0.047	73.06	Poor
JMSPH	BTP	SAV2	0.055	56.95	Fair
JMSPH	SPO4F	SAV2	0.020	79.16	Poor
JMSPH	BPO4F	SAV2	0.016	51.39	Fair
JMSPH	SCHLA	SAV2	7.67	51.55	Fair
JMSPH	STSS	SAV2	11.72	69.35	Poor
JMSPH	BTSS	SAV2	20.00	55.95	Fair
JMSPH	SECCHI	SAV2	1.05	13.49	Poor
EBEMH	STN	SAV2	0.827	90.91	Poor
EBEMH	BTN	SAV2	0.764	91.74	Poor
EBEMH	SDIN	SAV2	0.429	95.97	Poor
EBEMH	BDIN	SAV2	0.431	99.36	Poor
EBEMH	STP	SAV2	0.071	94.51	Poor
EBEMH	BTP	SAV2	0.088	88.67	Poor
EBEMH	SPO4F	SAV2	0.037	97.73	Poor
EBEMH	BPO4F	SAV2	0.058	98.76	Poor
EBEMH	SCHLA	SAV2	6.41	42.37	Good
EBEMH	STSS	SAV2	10.45	64.38	Poor
EBEMH	BTSS	SAV2	15.38	41.92	Fair
EBEMH	SECCHI	SAV2	1.10	18.03	Poor
WBEMH	STN	SAV2	0.757	84.63	Poor
WBEMH	BTN	SAV2	0.750	86.38	Poor
WBEMH	SDIN	SAV2	0.248	83.58	Poor
WBEMH	BDIN	SAV2	0.274	81.98	Poor
WBEMH	STP	SAV2	0.082	96.39	Poor
WBEMH	BTP	SAV2	0.079	84.01	Poor
WBEMH	SPO4F	SAV2	0.030	93.57	Poor
WBEMH	BPO4F	SAV2	0.030	87.21	Poor
WBEMH	SCHLA	SAV2	12.82	83.75	Poor
WBEMH	STSS	SAV2	25.83	95.25	Poor
WBEMH	BTSS	SAV2	30.77	88.36	Poor
WBEMH	SECCHI	SAV2	0.60	3.17	Poor

Appendix A.

Continued.

Segment	Parameter	Season	Median	Score	Status
SBEMH	STN	SAV2	1.033	98.35	Poor
SBEMH	BTN	SAV2	0.968	98.17	Poor
SBEMH	SDIN	SAV2	0.510	99.79	Poor
SBEMH	BDIN	SAV2	0.505	99.91	Poor
SBEMH	STP	SAV2	0.094	97.28	Poor
SBEMH	BTP	SAV2	0.105	94.46	Poor
SBEMH	SPO4F	SAV2	0.051	99.36	Poor
SBEMH	BPO4F	SAV2	0.063	99.44	Poor
SBEMH	SCHLA	SAV2	4.22	24.34	Good
SBEMH	STSS	SAV2	8.89	49.83	Fair
SBEMH	BTSS	SAV2	12.84	31.79	Good
SBEMH	SECCHI	SAV2	1.10	13.73	Poor
ELIPH	STN	SAV2	0.717	80.09	Poor
ELIPH	BTN	SAV2	0.648	84.16	Poor
ELIPH	SDIN	SAV2	0.282	88.67	Poor
ELIPH	BDIN	SAV2	0.251	97.32	Poor
ELIPH	STP	SAV2	0.071	92.42	Poor
ELIPH	BTP	SAV2	0.082	89.91	Poor
ELIPH	SPO4F	SAV2	0.037	98.05	Poor
ELIPH	BPO4F	SAV2	0.039	96.02	Poor
ELIPH	SCHLA	SAV2	9.35	57.97	Poor
ELIPH	STSS	SAV2	11.69	67.19	Poor
ELIPH	BTSS	SAV2	20.95	61.68	Poor
ELIPH	SECCHI	SAV2	0.90	9.80	Poor
PMKTF	STN	SAV2	0.769	24.77	Good
PMKTF	BTN	SAV2	0.752	10.81	Good
PMKTF	SDIN	SAV2	0.341	26.75	Good
PMKTF	BDIN	SAV2	0.255	16.04	Good
PMKTF	STP	SAV2	0.078	32.92	Good
PMKTF	BTP	SAV2	0.071	25.58	Good
PMKTF	SPO4F	SAV2	0.018	33.22	Good
PMKTF	BPO4F	SAV2	0.016	35.71	Good
PMKTF	SCHLA	SAV2	3.49	11.69	Good
PMKTF	STSS	SAV2	18.00	59.65	Fair
PMKTF	BTSS	SAV2	20.50	33.09	Good
PMKTF	SECCHI	SAV2	0.60	40.62	Fair
PMKOH	STN	SAV2	0.783	29.52	Good
PMKOH	BTN	SAV2	1.014	82.50	Poor
PMKOH	SDIN	SAV2	0.181	27.39	Good
PMKOH	BDIN	SAV2	0.178	24.77	Good
PMKOH	STP	SAV2	0.100	91.19	Poor
PMKOH	BTP	SAV2	0.170	98.29	Poor
PMKOH	SPO4F	SAV2	0.024	80.58	Poor
PMKOH	BPO4F	SAV2	0.023	63.93	Poor
PMKOH	SCHLA	SAV2	7.80	35.03	Good
PMKOH	STSS	SAV2	38.00	92.89	Poor
PMKOH	BTSS	SAV2	114.00	97.06	Poor
PMKOH	SECCHI	SAV2	0.40	6.45	Poor
MPNTF	STN	SAV2	0.635	10.60	Good
MPNTF	BTN	SAV2	0.645	5.70	Good
MPNTF	SDIN	SAV2	0.204	14.74	Good
MPNTF	BDIN	SAV2	0.202	9.85	Good
MPNTF	STP	SAV2	0.069	26.36	Good
MPNTF	BTP	SAV2	0.071	25.28	Good
MPNTF	SPO4F	SAV2	0.015	30.88	Good
MPNTF	BPO4F	SAV2	0.016	36.08	Good
MPNTF	SCHLA	SAV2	2.56	6.86	Good
MPNTF	STSS	SAV2	8.00	16.11	Good
MPNTF	BTSS	SAV2	8.00	9.13	Good
MPNTF	SECCHI	SAV2	0.70	53.55	Fair

Appendix A.

Continued.

Segment	Parameter	Season	Median	Score	Status
MPNOH	STN	SAV2	0.716	39.52	Good
MPNOH	BTN	SAV2	0.864	53.97	Fair
MPNOH	SDIN	SAV2	0.159	29.29	Good
MPNOH	BDIN	SAV2	0.157	20.14	Good
MPNOH	STP	SAV2	0.101	89.32	Poor
MPNOH	BTP	SAV2	0.146	94.55	Poor
MPNOH	SPO4F	SAV2	0.026	65.36	Poor
MPNOH	BPO4F	SAV2	0.025	56.80	Fair
MPNOH	SCHLA	SAV2	7.64	35.52	Good
MPNOH	STSS	SAV2	38.00	96.64	Poor
MPNOH	BTSS	SAV2	62.00	96.53	Poor
MPNOH	SECCHI	SAV2	0.40	4.57	Poor
YRKMH	STN	SAV2	0.717	50.22	Fair
YRKMH	BTN	SAV2	0.843	84.95	Poor
YRKMH	SDIN	SAV2	0.160	44.84	Fair
YRKMH	BDIN	SAV2	0.163	36.94	Good
YRKMH	STP	SAV2	0.086	93.23	Poor
YRKMH	BTP	SAV2	0.127	97.63	Poor
YRKMH	SPO4F	SAV2	0.022	89.35	Poor
YRKMH	BPO4F	SAV2	0.023	67.05	Poor
YRKMH	SCHLA	SAV2	12.32	57.82	Poor
YRKMH	STSS	SAV2	25.50	94.72	Poor
YRKMH	BTSS	SAV2	73.00	97.69	Poor
YRKMH	SECCHI	SAV2	0.50	4.18	Poor
YRKPH	STN	SAV2	0.506	34.99	Good
YRKPH	BTN	SAV2	0.551	66.50	Poor
YRKPH	SDIN	SAV2	0.064	32.54	Good
YRKPH	BDIN	SAV2	0.100	55.57	Fair
YRKPH	STP	SAV2	0.059	76.07	Poor
YRKPH	BTP	SAV2	0.078	83.81	Poor
YRKPH	SPO4F	SAV2	0.015	74.14	Poor
YRKPH	BPO4F	SAV2	0.024	68.00	Poor
YRKPH	SCHLA	SAV2	9.93	66.49	Poor
YRKPH	STSS	SAV2	11.00	57.43	Fair
YRKPH	BTSS	SAV2	25.00	80.55	Poor
YRKPH	SECCHI	SAV2	0.95	11.65	Poor
MOBPH	STN	SAV2	0.473	36.95	Good
MOBPH	BTN	SAV2	0.456	38.93	Good
MOBPH	SDIN	SAV2	0.015	22.95	Good
MOBPH	BDIN	SAV2	0.028	15.78	Good
MOBPH	STP	SAV2	0.037	53.52	Fair
MOBPH	BTP	SAV2	0.038	36.75	Good
MOBPH	SPO4F	SAV2	0.003	27.12	Good
MOBPH	BPO4F	SAV2	0.004	19.05	Good
MOBPH	SCHLA	SAV2	10.15	68.03	Poor
MOBPH	STSS	SAV2	11.26	63.51	Poor
MOBPH	BTSS	SAV2	15.98	45.36	Fair
MOBPH	SECCHI	SAV2	1.10	13.73	Poor
RPPTF	STN	SAV2	0.900	34.50	Good
RPPTF	BTN	SAV2	0.944	28.48	Good
RPPTF	SDIN	SAV2	0.347	42.35	Fair
RPPTF	BDIN	SAV2	0.340	31.47	Good
RPPTF	STP	SAV2	0.073	26.65	Good
RPPTF	BTP	SAV2	0.077	24.43	Good
RPPTF	SPO4F	SAV2	0.008	25.60	Good
RPPTF	BPO4F	SAV2	0.007	30.02	Good
RPPTF	SCHLA	SAV2	24.22	74.29	Poor
RPPTF	STSS	SAV2	26.00	74.44	Poor
RPPTF	BTSS	SAV2	34.38	59.84	Poor
RPPTF	SECCHI	SAV2	0.40	10.94	Poor

Appendix A.

Continued.

Segment	Parameter	Season	Median	Score	Status
RPPMH	STN	SAV2	0.517	24.32	Good
RPPMH	BTN	SAV2	0.536	41.43	Good
RPPMH	SDIN	SAV2	0.020	17.30	Good
RPPMH	BDIN	SAV2	0.045	14.98	Good
RPPMH	STP	SAV2	0.042	52.80	Fair
RPPMH	BTP	SAV2	0.054	50.90	Fair
RPPMH	SPO4F	SAV2	0.007	35.61	Good
RPPMH	BPO4F	SAV2	0.008	26.38	Good
RPPMH	SCHLA	SAV2	10.32	52.54	Fair
RPPMH	STSS	SAV2	9.17	49.60	Fair
RPPMH	BTSS	SAV2	18.00	60.17	Poor
RPPMH	SECCHI	SAV2	1.00	25.16	Poor
RPPOH	STN	SAV2	0.647	23.71	Good
RPPOH	BTN	SAV2	0.817	23.98	Good
RPPOH	SDIN	SAV2	0.028	17.54	Good
RPPOH	BDIN	SAV2	0.031	7.52	Good
RPPOH	STP	SAV2	0.062	31.11	Good
RPPOH	BTP	SAV2	0.084	45.77	Fair
RPPOH	SPO4F	SAV2	0.012	28.26	Good
RPPOH	BPO4F	SAV2	0.011	31.40	Good
RPPOH	SCHLA	SAV2	16.09	78.42	Poor
RPPOH	STSS	SAV2	24.00	81.34	Poor
RPPOH	BTSS	SAV2	59.00	82.85	Poor
RPPOH	SECCHI	SAV2	0.40	10.82	Poor
CRRMH	STN	SAV2	0.514	23.55	Good
CRRMH	BTN	SAV2	0.545	48.93	Fair
CRRMH	SDIN	SAV2	0.011	15.70	Good
CRRMH	BDIN	SAV2	0.026	11.79	Good
CRRMH	STP	SAV2	0.039	45.16	Fair
CRRMH	BTP	SAV2	0.048	45.40	Fair
CRRMH	SPO4F	SAV2	0.005	34.66	Good
CRRMH	BPO4F	SAV2	0.008	26.26	Good
CRRMH	SCHLA	SAV2	8.42	47.34	Fair
CRRMH	STSS	SAV2	4.00	15.91	Good
CRRMH	BTSS	SAV2	7.75	12.62	Good
CRRMH	SECCHI	SAV2	1.30	39.81	Fair
PIAMH	STN	SAV2	0.500	29.24	Good
PIAMH	BTN	SAV2	0.507	45.61	Fair
PIAMH	SDIN	SAV2	0.015	19.51	Good
PIAMH	BDIN	SAV2	0.019	12.06	Good
PIAMH	STP	SAV2	0.028	34.09	Good
PIAMH	BTP	SAV2	0.030	23.86	Good
PIAMH	SPO4F	SAV2	0.001	21.88	Good
PIAMH	BPO4F	SAV2	0.001	16.16	Good
PIAMH	SCHLA	SAV2	8.40	47.21	Fair
PIAMH	STSS	SAV2	7.04	40.41	Fair
PIAMH	BTSS	SAV2	10.64	34.63	Good
PIAMH	SECCHI	SAV2	1.35	43.05	Fair
POCMH	STN	SAV2	0.627	54.01	Fair
POCMH	BTN	SAV2	0.630	63.35	Poor
POCMH	SDIN	SAV2	0.022	21.06	Good
POCMH	BDIN	SAV2	0.025	10.51	Good
POCMH	STP	SAV2	0.036	43.50	Fair
POCMH	BTP	SAV2	0.039	35.56	Good
POCMH	SPO4F	SAV2	0.003	26.25	Good
POCMH	BPO4F	SAV2	0.003	16.16	Good
POCMH	SCHLA	SAV2	9.84	59.50	Poor
POCMH	STSS	SAV2	15.56	80.73	Poor
POCMH	BTSS	SAV2	22.03	68.38	Poor
POCMH	SECCHI	SAV2	0.75	6.93	Poor

Segment	Parameter	Season	Median	Score	Status
CB5MH	STN	SAV2	0.589	33.78	Good
CB5MH	BTN	SAV2	0.531	58.64	Poor
CB5MH	SDIN	SAV2	0.028	21.61	Good
CB5MH	BDIN	SAV2	0.113	55.88	Fair
CB5MH	STP	SAV2	0.032	31.15	Good
CB5MH	BTP	SAV2	0.044	37.43	Good
CB5MH	SPO4F	SAV2	0.003	28.15	Good
CB5MH	BPO4F	SAV2	0.011	29.55	Good
CB5MH	SCHLA	SAV2	9.36	40.24	Good
CB5MH	STSS	SAV2	6.30	33.14	Good
CB5MH	BTSS	SAV2	9.70	20.88	Good
CB5MH	SECCHI	SAV2	1.60	62.12	Good
CB6PH	STN	SAV2	0.450	29.54	Good
CB6PH	BTN	SAV2	0.420	33.94	Good
CB6PH	SDIN	SAV2	0.016	21.99	Good
CB6PH	BDIN	SAV2	0.066	40.23	Fair
CB6PH	STP	SAV2	0.030	32.43	Good
CB6PH	BTP	SAV2	0.032	32.03	Good
CB6PH	SPO4F	SAV2	0.002	21.88	Good
CB6PH	BPO4F	SAV2	0.006	37.74	Good
CB6PH	SCHLA	SAV2	8.14	53.24	Fair
CB6PH	STSS	SAV2	7.39	39.00	Good
CB6PH	BTSS	SAV2	15.93	40.44	Good
CB6PH	SECCHI	SAV2	1.70	49.98	Fair
CB7PH	STN	SAV2	0.400	23.28	Good
CB7PH	BTN	SAV2	0.388	27.46	Good
CB7PH	SDIN	SAV2	0.015	24.12	Good
CB7PH	BDIN	SAV2	0.039	24.39	Good
CB7PH	STP	SAV2	0.026	28.05	Good
CB7PH	BTP	SAV2	0.035	28.59	Good
CB7PH	SPO4F	SAV2	0.002	25.04	Good
CB7PH	BPO4F	SAV2	0.009	29.74	Good
CB7PH	SCHLA	SAV2	5.23	35.44	Good
CB7PH	STSS	SAV2	7.03	35.72	Good
CB7PH	BTSS	SAV2	14.45	39.49	Good
CB7PH	SECCHI	SAV2	1.70	49.98	Fair
CB8PH	STN	SAV2	0.362	21.92	Good
CB8PH	BTN	SAV2	0.303	11.48	Good
CB8PH	SDIN	SAV2	0.028	30.45	Good
CB8PH	BDIN	SAV2	0.036	21.56	Good
CB8PH	STP	SAV2	0.029	33.09	Good
CB8PH	BTP	SAV2	0.031	21.94	Good
CB8PH	SPO4F	SAV2	0.006	35.65	Good
CB8PH	BPO4F	SAV2	0.012	38.99	Good
CB8PH	SCHLA	SAV2	5.03	35.44	Good
CB8PH	STSS	SAV2	7.60	37.45	Good
CB8PH	BTSS	SAV2	11.98	21.01	Good
CB8PH	SECCHI	SAV2	1.68	49.98	Fair
APPTF	STN	Spring1	0.788	25.23	Good
APPTF	BTN	Spring1	0.894	21.46	Good
APPTF	SDIN	Spring1	0.128	6.85	Good
APPTF	BDIN	Spring1	0.132	5.03	Good
APPTF	STP	Spring1	0.071	34.61	Good
APPTF	BTP	Spring1	0.090	43.42	Fair
APPTF	SPO4F	Spring1	0.011	31.76	Good
APPTF	BPO4F	Spring1	0.009	24.80	Good
APPTF	SCHLA	Spring1	7.96	52.71	Fair
APPTF	STSS	Spring1	19.00	60.57	Poor
APPTF	BTSS	Spring1	46.00	70.25	Poor
APPTF	SECCHI	Spring1	0.40	23.64	Poor

Segment	Parameter	Season	Median	Score	Status
JMSTF	STN	Spring1	0.826	29.74	Good
JMSTF	BTN	Spring1	1.001	26.78	Good
JMSTF	SDIN	Spring1	0.345	21.58	Good
JMSTF	BDIN	Spring1	0.379	21.42	Good
JMSTF	STP	Spring1	0.081	39.56	Fair
JMSTF	BTP	Spring1	0.098	43.46	Fair
JMSTF	SPO4F	Spring1	0.022	39.97	Good
JMSTF	BPO4F	Spring1	0.020	36.46	Good
JMSTF	SCHLA	Spring1	6.46	44.68	Good
JMSTF	STSS	Spring1	22.00	74.95	Poor
JMSTF	BTSS	Spring1	43.00	70.64	Poor
JMSTF	SECCHI	Spring1	0.40	23.64	Poor
CHKOH	STN	Spring1	0.772	21.00	Good
CHKOH	BTN	Spring1	0.780	12.11	Good
CHKOH	SDIN	Spring1	0.138	8.20	Good
CHKOH	BDIN	Spring1	0.151	5.48	Good
CHKOH	STP	Spring1	0.079	39.74	Fair
CHKOH	BTP	Spring1	0.080	29.59	Good
CHKOH	SPO4F	Spring1	0.008	29.67	Good
CHKOH	BPO4F	Spring1	0.009	23.64	Good
CHKOH	SCHLA	Spring1	23.80	93.95	Poor
CHKOH	STSS	Spring1	23.00	67.13	Poor
CHKOH	BTSS	Spring1	29.00	55.25	Fair
CHKOH	SECCHI	Spring1	0.40	13.31	Poor
JMSOH	STN	Spring1	0.816	28.84	Good
JMSOH	BTN	Spring1	0.937	39.63	Good
JMSOH	SDIN	Spring1	0.347	37.35	Good
JMSOH	BDIN	Spring1	0.343	43.41	Fair
JMSOH	STP	Spring1	0.080	56.99	Fair
JMSOH	BTP	Spring1	0.116	67.30	Poor
JMSOH	SPO4F	Spring1	0.019	43.97	Fair
JMSOH	BPO4F	Spring1	0.020	50.80	Fair
JMSOH	SCHLA	Spring1	7.87	47.65	Fair
JMSOH	STSS	Spring1	41.00	79.36	Poor
JMSOH	BTSS	Spring1	95.00	90.51	Poor
JMSOH	SECCHI	Spring1	0.40	12.19	Poor
JMSMH	STN	Spring1	0.598	19.56	Good
JMSMH	BTN	Spring1	0.653	31.82	Good
JMSMH	SDIN	Spring1	0.251	28.60	Good
JMSMH	BDIN	Spring1	0.246	52.86	Fair
JMSMH	STP	Spring1	0.048	63.13	Poor
JMSMH	BTP	Spring1	0.072	73.01	Poor
JMSMH	SPO4F	Spring1	0.015	85.52	Poor
JMSMH	BPO4F	Spring1	0.012	83.20	Poor
JMSMH	SCHLA	Spring1	6.82	30.03	Good
JMSMH	STSS	Spring1	20.50	86.84	Poor
JMSMH	BTSS	Spring1	57.50	87.76	Poor
JMSMH	SECCHI	Spring1	0.70	11.08	Poor
JMSPH	STN	Spring1	0.418	22.30	Good
JMSPH	BTN	Spring1	0.477	42.11	Fair
JMSPH	SDIN	Spring1	0.078	21.67	Good
JMSPH	BDIN	Spring1	0.064	38.85	Good
JMSPH	STP	Spring1	0.036	65.82	Poor
JMSPH	BTP	Spring1	0.049	64.10	Poor
JMSPH	SPO4F	Spring1	0.005	37.29	Good
JMSPH	BPO4F	Spring1	0.005	32.28	Good
JMSPH	SCHLA	Spring1	8.56	42.91	Good
JMSPH	STSS	Spring1	11.72	67.19	Poor
JMSPH	BTSS	Spring1	27.08	68.85	Poor
JMSPH	SECCHI	Spring1	1.10	14.79	Poor

Segment	Parameter	Season	Median	Score	Status
EBEMH	STN	Spring1	0.771	89.84	Poor
EBEMH	BTN	Spring1	0.704	76.65	Poor
EBEMH	SDIN	Spring1	0.330	82.94	Poor
EBEMH	BDIN	Spring1	0.302	94.77	Poor
EBEMH	STP	Spring1	0.047	84.21	Poor
EBEMH	BTP	Spring1	0.046	49.34	Fair
EBEMH	SPO4F	Spring1	0.013	88.03	Poor
EBEMH	BPO4F	Spring1	0.012	81.42	Poor
EBEMH	SCHLA	Spring1	11.29	55.16	Fair
EBEMH	STSS	Spring1	10.45	68.15	Poor
EBEMH	BTSS	Spring1	15.30	52.17	Fair
EBEMH	SECCHI	Spring1	1.10	14.79	Poor
WBEMH	STN	Spring1	0.658	61.55	Poor
WBEMH	BTN	Spring1	0.697	68.39	Poor
WBEMH	SDIN	Spring1	0.113	34.32	Good
WBEMH	BDIN	Spring1	0.128	56.79	Fair
WBEMH	STP	Spring1	0.057	88.70	Poor
WBEMH	BTP	Spring1	0.058	63.48	Poor
WBEMH	SPO4F	Spring1	0.003	32.70	Good
WBEMH	BPO4F	Spring1	0.004	30.14	Good
WBEMH	SCHLA	Spring1	19.07	82.14	Poor
WBEMH	STSS	Spring1	23.25	94.42	Poor
WBEMH	BTSS	Spring1	30.98	87.91	Poor
WBEMH	SECCHI	Spring1	0.60	5.68	Poor
SBEMH	STN	Spring1	0.969	96.18	Poor
SBEMH	BTN	Spring1	0.896	94.19	Poor
SBEMH	SDIN	Spring1	0.573	95.26	Poor
SBEMH	BDIN	Spring1	0.480	99.55	Poor
SBEMH	STP	Spring1	0.045	77.96	Poor
SBEMH	BTP	Spring1	0.044	63.49	Poor
SBEMH	SPO4F	Spring1	0.021	93.77	Poor
SBEMH	BPO4F	Spring1	0.019	94.37	Poor
SBEMH	SCHLA	Spring1	3.36	11.62	Good
SBEMH	STSS	Spring1	8.71	45.88	Fair
SBEMH	BTSS	Spring1	12.79	30.65	Good
SBEMH	SECCHI	Spring1	1.20	20.51	Poor
ELIPH	STN	Spring1	0.661	70.22	Poor
ELIPH	BTN	Spring1	0.608	74.15	Poor
ELIPH	SDIN	Spring1	0.165	53.56	Fair
ELIPH	BDIN	Spring1	0.227	95.08	Poor
ELIPH	STP	Spring1	0.052	88.13	Poor
ELIPH	BTP	Spring1	0.062	82.08	Poor
ELIPH	SPO4F	Spring1	0.008	61.62	Poor
ELIPH	BPO4F	Spring1	0.013	80.50	Poor
ELIPH	SCHLA	Spring1	18.05	63.18	Poor
ELIPH	STSS	Spring1	11.38	71.75	Poor
ELIPH	BTSS	Spring1	20.95	73.63	Poor
ELIPH	SECCHI	Spring1	0.95	12.34	Poor
PMKTF	STN	Spring1	0.866	35.06	Good
PMKTF	BTN	Spring1	0.829	19.41	Good
PMKTF	SDIN	Spring1	0.412	29.05	Good
PMKTF	BDIN	Spring1	0.398	23.31	Good
PMKTF	STP	Spring1	0.079	39.76	Fair
PMKTF	BTP	Spring1	0.076	28.88	Good
PMKTF	SPO4F	Spring1	0.019	37.66	Good
PMKTF	BPO4F	Spring1	0.018	35.05	Good
PMKTF	SCHLA	Spring1	2.53	12.41	Good
PMKTF	STSS	Spring1	29.00	83.77	Poor
PMKTF	BTSS	Spring1	27.50	56.32	Fair
PMKTF	SECCHI	Spring1	0.50	23.64	Poor

Segment	Parameter	Season	Median	Score	Status
PMKOH	STN	Spring1	0.871	30.48	Good
PMKOH	BTN	Spring1	1.238	85.00	Poor
PMKOH	SDIN	Spring1	0.271	20.21	Good
PMKOH	BDIN	Spring1	0.278	16.65	Good
PMKOH	STP	Spring1	0.116	78.25	Poor
PMKOH	BTP	Spring1	0.174	93.34	Poor
PMKOH	SPO4F	Spring1	0.018	53.03	Fair
PMKOH	BPO4F	Spring1	0.020	53.25	Fair
PMKOH	SCHLA	Spring1	4.92	27.05	Good
PMKOH	STSS	Spring1	63.00	97.54	Poor
PMKOH	BTSS	Spring1	114.00	97.59	Poor
PMKOH	SECCHI	Spring1	0.30	6.74	Poor
MPNTF	STN	Spring1	0.672	14.94	Good
MPNTF	BTN	Spring1	0.671	8.42	Good
MPNTF	SDIN	Spring1	0.282	15.19	Good
MPNTF	BDIN	Spring1	0.274	11.79	Good
MPNTF	STP	Spring1	0.054	24.92	Good
MPNTF	BTP	Spring1	0.050	14.71	Good
MPNTF	SPO4F	Spring1	0.013	33.20	Good
MPNTF	BPO4F	Spring1	0.014	29.07	Good
MPNTF	SCHLA	Spring1	1.78	7.36	Good
MPNTF	STSS	Spring1	16.00	48.59	Fair
MPNTF	BTSS	Spring1	15.00	23.76	Good
MPNTF	SECCHI	Spring1	0.60	37.38	Poor
MPNOH	STN	Spring1	0.770	23.95	Good
MPNOH	BTN	Spring1	0.793	18.56	Good
MPNOH	SDIN	Spring1	0.266	16.61	Good
MPNOH	BDIN	Spring1	0.156	17.16	Good
MPNOH	STP	Spring1	0.109	62.03	Poor
MPNOH	BTP	Spring1	0.102	65.59	Poor
MPNOH	SPO4F	Spring1	0.014	46.29	Fair
MPNOH	BPO4F	Spring1	0.015	57.62	Fair
MPNOH	SCHLA	Spring1	5.23	30.15	Good
MPNOH	STSS	Spring1	46.00	97.15	Poor
MPNOH	BTSS	Spring1	55.50	89.68	Poor
MPNOH	SECCHI	Spring1	0.30	3.88	Poor
YRKMH	STN	Spring1	0.786	39.69	Good
YRKMH	BTN	Spring1	0.868	71.63	Poor
YRKMH	SDIN	Spring1	0.089	17.43	Good
YRKMH	BDIN	Spring1	0.074	17.46	Good
YRKMH	STP	Spring1	0.092	95.23	Poor
YRKMH	BTP	Spring1	0.124	97.51	Poor
YRKMH	SPO4F	Spring1	0.013	78.62	Poor
YRKMH	BPO4F	Spring1	0.013	75.32	Poor
YRKMH	SCHLA	Spring1	13.31	66.50	Poor
YRKMH	STSS	Spring1	42.00	98.13	Poor
YRKMH	BTSS	Spring1	96.50	98.09	Poor
YRKMH	SECCHI	Spring1	0.40	3.88	Poor
YRKPH	STN	Spring1	0.429	23.90	Good
YRKPH	BTN	Spring1	0.513	66.08	Poor
YRKPH	SDIN	Spring1	0.023	17.67	Good
YRKPH	BDIN	Spring1	0.030	27.99	Good
YRKPH	STP	Spring1	0.042	71.93	Poor
YRKPH	BTP	Spring1	0.056	74.29	Poor
YRKPH	SPO4F	Spring1	0.009	71.00	Poor
YRKPH	BPO4F	Spring1	0.010	65.29	Poor
YRKPH	SCHLA	Spring1	10.88	59.13	Poor
YRKPH	STSS	Spring1	14.50	66.68	Poor
YRKPH	BTSS	Spring1	23.00	86.44	Poor
YRKPH	SECCHI	Spring1	1.00	12.42	Poor

Segment	Parameter	Season	Median	Score	Status
MOBPH	STN	Spring1	0.411	14.46	Good
MOBPH	BTN	Spring1	0.361	18.44	Good
MOBPH	SDIN	Spring1	0.011	15.65	Good
MOBPH	BDIN	Spring1	0.009	16.61	Good
MOBPH	STP	Spring1	0.022	33.55	Good
MOBPH	BTP	Spring1	0.026	26.12	Good
MOBPH	SPO4F	Spring1	0.001	19.60	Good
MOBPH	BPO4F	Spring1	0.001	16.30	Good
MOBPH	SCHLA	Spring1	5.03	39.09	Good
MOBPH	STSS	Spring1	7.39	51.26	Fair
MOBPH	BTSS	Spring1	11.74	36.57	Good
MOBPH	SECCHI	Spring1	1.25	29.32	Poor
RPPTF	STN	Spring1	0.981	49.71	Fair
RPPTF	BTN	Spring1	1.089	47.78	Fair
RPPTF	SDIN	Spring1	0.539	56.75	Fair
RPPTF	BDIN	Spring1	0.550	54.61	Fair
RPPTF	STP	Spring1	0.071	28.74	Good
RPPTF	BTP	Spring1	0.075	21.53	Good
RPPTF	SPO4F	Spring1	0.009	31.41	Good
RPPTF	BPO4F	Spring1	0.009	25.32	Good
RPPTF	SCHLA	Spring1	15.46	55.60	Poor
RPPTF	STSS	Spring1	34.50	87.65	Poor
RPPTF	BTSS	Spring1	50.50	83.46	Poor
RPPTF	SECCHI	Spring1	0.43	13.31	Poor
RPPMH	STN	Spring1	0.434	22.67	Good
RPPMH	BTN	Spring1	0.536	55.99	Fair
RPPMH	SDIN	Spring1	0.022	10.42	Good
RPPMH	BDIN	Spring1	0.022	18.04	Good
RPPMH	STP	Spring1	0.037	43.64	Fair
RPPMH	BTP	Spring1	0.049	44.37	Fair
RPPMH	SPO4F	Spring1	0.006	45.68	Fair
RPPMH	BPO4F	Spring1	0.006	42.51	Fair
RPPMH	SCHLA	Spring1	9.90	45.39	Good
RPPMH	STSS	Spring1	8.63	56.67	Fair
RPPMH	BTSS	Spring1	18.00	63.13	Poor
RPPMH	SECCHI	Spring1	1.10	27.36	Poor
RPPOH	STN	Spring1	1.141	56.96	Fair
RPPOH	BTN	Spring1	1.208	54.43	Fair
RPPOH	SDIN	Spring1	0.407	28.43	Good
RPPOH	BDIN	Spring1	0.407	24.31	Good
RPPOH	STP	Spring1	0.105	57.21	Fair
RPPOH	BTP	Spring1	0.120	74.37	Poor
RPPOH	SPO4F	Spring1	0.012	35.40	Good
RPPOH	BPO4F	Spring1	0.011	31.23	Good
RPPOH	SCHLA	Spring1	13.65	81.92	Poor
RPPOH	STSS	Spring1	41.00	89.11	Poor
RPPOH	BTSS	Spring1	99.00	95.25	Poor
RPPOH	SECCHI	Spring1	0.30	8.57	Poor
CRRMH	STN	Spring1	0.418	9.97	Good
CRRMH	BTN	Spring1	0.456	35.74	Good
CRRMH	SDIN	Spring1	0.023	10.12	Good
CRRMH	BDIN	Spring1	0.026	25.05	Good
CRRMH	STP	Spring1	0.023	33.45	Good
CRRMH	BTP	Spring1	0.030	32.29	Good
CRRMH	SPO4F	Spring1	0.005	45.68	Fair
CRRMH	BPO4F	Spring1	0.007	48.13	Fair
CRRMH	SCHLA	Spring1	6.59	30.23	Good
CRRMH	STSS	Spring1	4.00	20.61	Good
CRRMH	BTSS	Spring1	9.00	26.39	Good
CRRMH	SECCHI	Spring1	1.50	47.97	Fair

Segment	Parameter	Season	Median	Score	Status
PIAMH	STN	Spring1	0.449	13.92	Good
PIAMH	BTN	Spring1	0.413	22.18	Good
PIAMH	SDIN	Spring1	0.007	15.65	Good
PIAMH	BDIN	Spring1	0.007	15.68	Good
PIAMH	STP	Spring1	0.016	22.52	Good
PIAMH	BTP	Spring1	0.016	21.42	Good
PIAMH	SPO4F	Spring1	0.001	25.19	Good
PIAMH	BPO4F	Spring1	0.001	23.49	Good
PIAMH	SCHLA	Spring1	5.01	24.74	Good
PIAMH	STSS	Spring1	6.04	36.32	Good
PIAMH	BTSS	Spring1	8.17	28.56	Good
PIAMH	SECCHI	Spring1	1.30	45.04	Fair
POCMH	STN	Spring1	0.622	32.89	Good
POCMH	BTN	Spring1	0.600	41.43	Fair
POCMH	SDIN	Spring1	0.029	12.67	Good
POCMH	BDIN	Spring1	0.027	15.68	Good
POCMH	STP	Spring1	0.029	46.24	Fair
POCMH	BTP	Spring1	0.032	33.84	Good
POCMH	SPO4F	Spring1	0.002	25.86	Good
POCMH	BPO4F	Spring1	0.002	23.49	Good
POCMH	SCHLA	Spring1	8.07	35.72	Good
POCMH	STSS	Spring1	9.70	71.80	Poor
POCMH	BTSS	Spring1	14.63	44.60	Fair
POCMH	SECCHI	Spring1	0.85	14.79	Poor
CB5MH	STN	Spring1	0.636	27.18	Good
CB5MH	BTN	Spring1	0.456	50.87	Fair
CB5MH	SDIN	Spring1	0.104	18.26	Good
CB5MH	BDIN	Spring1	0.087	42.48	Fair
CB5MH	STP	Spring1	0.021	27.86	Good
CB5MH	BTP	Spring1	0.026	28.58	Good
CB5MH	SPO4F	Spring1	0.002	28.80	Good
CB5MH	BPO4F	Spring1	0.003	25.32	Good
CB5MH	SCHLA	Spring1	9.41	40.25	Good
CB5MH	STSS	Spring1	5.65	37.82	Good
CB5MH	BTSS	Spring1	11.74	31.51	Good
CB5MH	SECCHI	Spring1	1.60	59.47	Good
CB6PH	STN	Spring1	0.339	17.62	Good
CB6PH	BTN	Spring1	0.352	26.10	Good
CB6PH	SDIN	Spring1	0.008	17.29	Good
CB6PH	BDIN	Spring1	0.017	21.49	Good
CB6PH	STP	Spring1	0.015	21.79	Good
CB6PH	BTP	Spring1	0.023	23.06	Good
CB6PH	SPO4F	Spring1	0.001	19.60	Good
CB6PH	BPO4F	Spring1	0.001	16.30	Good
CB6PH	SCHLA	Spring1	5.34	26.69	Good
CB6PH	STSS	Spring1	5.47	29.21	Good
CB6PH	BTSS	Spring1	13.79	40.46	Good
CB6PH	SECCHI	Spring1	1.70	65.42	Good
CB7PH	STN	Spring1	0.387	15.46	Good
CB7PH	BTN	Spring1	0.338	20.61	Good
CB7PH	SDIN	Spring1	0.009	17.29	Good
CB7PH	BDIN	Spring1	0.015	23.26	Good
CB7PH	STP	Spring1	0.015	21.11	Good
CB7PH	BTP	Spring1	0.022	21.54	Good
CB7PH	SPO4F	Spring1	0.001	19.60	Good
CB7PH	BPO4F	Spring1	0.003	21.99	Good
CB7PH	SCHLA	Spring1	4.14	19.89	Good
CB7PH	STSS	Spring1	5.30	30.65	Good
CB7PH	BTSS	Spring1	12.68	38.68	Good
CB7PH	SECCHI	Spring1	2.00	66.22	Good

Segment	Parameter	Season	Median	Score	Status
CB8PH	STN	Spring1	0.336	8.70	Good
CB8PH	BTN	Spring1	0.281	11.92	Good
CB8PH	SDIN	Spring1	0.018	18.24	Good
CB8PH	BDIN	Spring1	0.019	23.68	Good
CB8PH	STP	Spring1	0.019	26.19	Good
CB8PH	BTP	Spring1	0.028	27.20	Good
CB8PH	SPO4F	Spring1	0.001	25.06	Good
CB8PH	BPO4F	Spring1	0.004	24.26	Good
CB8PH	SCHLA	Spring1	4.38	21.59	Good
CB8PH	STSS	Spring1	7.72	47.20	Fair
CB8PH	BTSS	Spring1	15.56	49.83	Fair
CB8PH	SECCHI	Spring1	1.40	44.92	Fair
APPTF	STN	Spring2	0.788	22.50	Good
APPTF	BTN	Spring2	0.895	21.88	Good
APPTF	SDIN	Spring2	0.093	5.19	Good
APPTF	BDIN	Spring2	0.132	4.12	Good
APPTF	STP	Spring2	0.073	28.63	Good
APPTF	BTP	Spring2	0.101	42.28	Fair
APPTF	SPO4F	Spring2	0.014	28.63	Good
APPTF	BPO4F	Spring2	0.011	34.94	Good
APPTF	SCHLA	Spring2	21.56	83.81	Poor
APPTF	STSS	Spring2	31.00	86.37	Poor
APPTF	BTSS	Spring2	48.00	80.77	Poor
APPTF	SECCHI	Spring2	0.40	23.12	Poor
JMSTF	STN	Spring2	0.729	16.98	Good
JMSTF	BTN	Spring2	1.001	18.86	Good
JMSTF	SDIN	Spring2	0.311	20.02	Good
JMSTF	BDIN	Spring2	0.333	17.45	Good
JMSTF	STP	Spring2	0.081	34.89	Good
JMSTF	BTP	Spring2	0.100	37.42	Good
JMSTF	SPO4F	Spring2	0.022	39.81	Good
JMSTF	BPO4F	Spring2	0.020	40.88	Good
JMSTF	SCHLA	Spring2	10.93	41.09	Good
JMSTF	STSS	Spring2	19.50	67.18	Poor
JMSTF	BTSS	Spring2	43.00	71.27	Poor
JMSTF	SECCHI	Spring2	0.40	23.12	Poor
CHKOH	STN	Spring2	0.687	13.86	Good
CHKOH	BTN	Spring2	0.729	9.39	Good
CHKOH	SDIN	Spring2	0.138	7.70	Good
CHKOH	BDIN	Spring2	0.151	4.60	Good
CHKOH	STP	Spring2	0.062	22.10	Good
CHKOH	BTP	Spring2	0.080	29.21	Good
CHKOH	SPO4F	Spring2	0.009	23.26	Good
CHKOH	BPO4F	Spring2	0.010	33.60	Good
CHKOH	SCHLA	Spring2	21.20	84.56	Poor
CHKOH	STSS	Spring2	22.00	48.92	Fair
CHKOH	BTSS	Spring2	29.00	48.79	Fair
CHKOH	SECCHI	Spring2	0.40	19.02	Poor
JMSOH	STN	Spring2	0.677	13.15	Good
JMSOH	BTN	Spring2	0.898	18.45	Good
JMSOH	SDIN	Spring2	0.288	21.26	Good
JMSOH	BDIN	Spring2	0.291	20.46	Good
JMSOH	STP	Spring2	0.080	45.68	Fair
JMSOH	BTP	Spring2	0.102	63.09	Poor
JMSOH	SPO4F	Spring2	0.026	49.19	Fair
JMSOH	BPO4F	Spring2	0.027	66.48	Poor
JMSOH	SCHLA	Spring2	8.87	51.17	Fair
JMSOH	STSS	Spring2	21.50	71.58	Poor
JMSOH	BTSS	Spring2	67.50	87.64	Poor
JMSOH	SECCHI	Spring2	0.45	11.79	Poor

Segment	Parameter	Season	Median	Score	Status
JMSMH	STN	Spring2	0.522	17.94	Good
JMSMH	BTN	Spring2	0.588	40.32	Good
JMSMH	SDIN	Spring2	0.248	31.97	Good
JMSMH	BDIN	Spring2	0.236	50.59	Fair
JMSMH	STP	Spring2	0.055	66.40	Poor
JMSMH	BTP	Spring2	0.072	76.61	Poor
JMSMH	SPO4F	Spring2	0.026	96.37	Poor
JMSMH	BPO4F	Spring2	0.025	95.68	Poor
JMSMH	SCHLA	Spring2	6.21	28.77	Good
JMSMH	STSS	Spring2	16.00	83.09	Poor
JMSMH	BTSS	Spring2	57.50	91.80	Poor
JMSMH	SECCHI	Spring2	0.75	15.16	Poor
JMSPH	STN	Spring2	0.447	29.09	Good
JMSPH	BTN	Spring2	0.477	48.89	Fair
JMSPH	SDIN	Spring2	0.078	34.40	Good
JMSPH	BDIN	Spring2	0.066	45.03	Fair
JMSPH	STP	Spring2	0.040	69.52	Poor
JMSPH	BTP	Spring2	0.050	70.64	Poor
JMSPH	SPO4F	Spring2	0.007	46.49	Fair
JMSPH	BPO4F	Spring2	0.009	40.89	Good
JMSPH	SCHLA	Spring2	7.67	46.06	Fair
JMSPH	STSS	Spring2	12.50	74.34	Poor
JMSPH	BTSS	Spring2	26.03	76.11	Poor
JMSPH	SECCHI	Spring2	1.05	13.34	Poor
EBEMH	STN	Spring2	0.771	89.71	Poor
EBEMH	BTN	Spring2	0.711	84.00	Poor
EBEMH	SDIN	Spring2	0.330	86.21	Poor
EBEMH	BDIN	Spring2	0.308	98.45	Poor
EBEMH	STP	Spring2	0.054	88.59	Poor
EBEMH	BTP	Spring2	0.049	74.83	Poor
EBEMH	SPO4F	Spring2	0.019	95.26	Poor
EBEMH	BPO4F	Spring2	0.018	93.10	Poor
EBEMH	SCHLA	Spring2	11.29	53.13	Fair
EBEMH	STSS	Spring2	11.24	72.28	Poor
EBEMH	BTSS	Spring2	15.38	54.70	Fair
EBEMH	SECCHI	Spring2	1.00	11.52	Poor
WBEMH	STN	Spring2	0.762	72.11	Poor
WBEMH	BTN	Spring2	0.741	74.09	Poor
WBEMH	SDIN	Spring2	0.140	44.39	Fair
WBEMH	BDIN	Spring2	0.124	60.28	Fair
WBEMH	STP	Spring2	0.063	93.21	Poor
WBEMH	BTP	Spring2	0.059	68.77	Poor
WBEMH	SPO4F	Spring2	0.008	60.22	Fair
WBEMH	BPO4F	Spring2	0.006	37.64	Good
WBEMH	SCHLA	Spring2	20.83	86.43	Poor
WBEMH	STSS	Spring2	25.83	96.05	Poor
WBEMH	BTSS	Spring2	34.50	90.03	Poor
WBEMH	SECCHI	Spring2	0.50	3.93	Poor
SBEMH	STN	Spring2	1.033	97.83	Poor
SBEMH	BTN	Spring2	0.896	95.73	Poor
SBEMH	SDIN	Spring2	0.506	98.41	Poor
SBEMH	BDIN	Spring2	0.492	99.94	Poor
SBEMH	STP	Spring2	0.056	85.57	Poor
SBEMH	BTP	Spring2	0.061	77.66	Poor
SBEMH	SPO4F	Spring2	0.021	97.79	Poor
SBEMH	BPO4F	Spring2	0.022	98.58	Poor
SBEMH	SCHLA	Spring2	4.22	24.73	Good
SBEMH	STSS	Spring2	8.77	48.68	Fair
SBEMH	BTSS	Spring2	12.93	35.05	Good
SBEMH	SECCHI	Spring2	1.10	15.38	Poor

Segment	Parameter	Season	Median	Score	Status
ELIPH	STN	Spring2	0.671	73.48	Poor
ELIPH	BTN	Spring2	0.608	80.76	Poor
ELIPH	SDIN	Spring2	0.165	59.83	Fair
ELIPH	BDIN	Spring2	0.228	98.26	Poor
ELIPH	STP	Spring2	0.055	88.51	Poor
ELIPH	BTP	Spring2	0.070	95.83	Poor
ELIPH	SPO4F	Spring2	0.012	74.10	Poor
ELIPH	BPO4F	Spring2	0.019	93.22	Poor
ELIPH	SCHLA	Spring2	10.93	65.70	Poor
ELIPH	STSS	Spring2	13.64	78.30	Poor
ELIPH	BTSS	Spring2	23.93	79.07	Poor
ELIPH	SECCHI	Spring2	0.80	8.04	Poor
PMKTF	STN	Spring2	0.868	32.53	Good
PMKTF	BTN	Spring2	0.773	12.18	Good
PMKTF	SDIN	Spring2	0.393	29.04	Good
PMKTF	BDIN	Spring2	0.432	29.36	Good
PMKTF	STP	Spring2	0.083	38.77	Fair
PMKTF	BTP	Spring2	0.081	31.54	Good
PMKTF	SPO4F	Spring2	0.019	34.64	Good
PMKTF	BPO4F	Spring2	0.018	39.81	Good
PMKTF	SCHLA	Spring2	3.19	13.19	Good
PMKTF	STSS	Spring2	19.00	60.56	Poor
PMKTF	BTSS	Spring2	24.00	41.12	Good
PMKTF	SECCHI	Spring2	0.50	23.12	Poor
PMKOH	STN	Spring2	0.840	29.29	Good
PMKOH	BTN	Spring2	1.238	69.40	Poor
PMKOH	SDIN	Spring2	0.242	21.43	Good
PMKOH	BDIN	Spring2	0.243	20.84	Good
PMKOH	STP	Spring2	0.105	78.09	Poor
PMKOH	BTP	Spring2	0.168	90.86	Poor
PMKOH	SPO4F	Spring2	0.023	76.98	Poor
PMKOH	BPO4F	Spring2	0.022	78.38	Poor
PMKOH	SCHLA	Spring2	5.66	24.87	Good
PMKOH	STSS	Spring2	58.00	88.40	Poor
PMKOH	BTSS	Spring2	160.00	97.58	Poor
PMKOH	SECCHI	Spring2	0.30	5.32	Poor
MPNTF	STN	Spring2	0.717	16.28	Good
MPNTF	BTN	Spring2	0.689	7.32	Good
MPNTF	SDIN	Spring2	0.282	15.64	Good
MPNTF	BDIN	Spring2	0.270	10.84	Good
MPNTF	STP	Spring2	0.057	16.60	Good
MPNTF	BTP	Spring2	0.066	23.89	Good
MPNTF	SPO4F	Spring2	0.015	29.78	Good
MPNTF	BPO4F	Spring2	0.015	37.70	Good
MPNTF	SCHLA	Spring2	1.82	6.13	Good
MPNTF	STSS	Spring2	15.00	43.92	Fair
MPNTF	BTSS	Spring2	13.00	13.17	Good
MPNTF	SECCHI	Spring2	0.60	39.10	Poor
MPNOH	STN	Spring2	0.763	29.85	Good
MPNOH	BTN	Spring2	0.864	19.78	Good
MPNOH	SDIN	Spring2	0.238	17.26	Good
MPNOH	BDIN	Spring2	0.178	12.37	Good
MPNOH	STP	Spring2	0.112	71.25	Poor
MPNOH	BTP	Spring2	0.120	53.66	Fair
MPNOH	SPO4F	Spring2	0.017	56.75	Fair
MPNOH	BPO4F	Spring2	0.017	56.53	Fair
MPNOH	SCHLA	Spring2	4.84	24.69	Good
MPNOH	STSS	Spring2	45.00	97.31	Poor
MPNOH	BTSS	Spring2	56.00	85.68	Poor
MPNOH	SECCHI	Spring2	0.30	5.30	Poor

Segment	Parameter	Season	Median	Score	Status
YRKMH	STN	Spring2	0.788	48.82	Fair
YRKMH	BTN	Spring2	0.868	72.96	Poor
YRKMH	SDIN	Spring2	0.201	26.20	Good
YRKMH	BDIN	Spring2	0.186	24.75	Good
YRKMH	STP	Spring2	0.079	94.67	Poor
YRKMH	BTP	Spring2	0.125	96.45	Poor
YRKMH	SPO4F	Spring2	0.014	85.21	Poor
YRKMH	BPO4F	Spring2	0.015	77.85	Poor
YRKMH	SCHLA	Spring2	13.31	58.66	Poor
YRKMH	STSS	Spring2	42.00	97.50	Poor
YRKMH	BTSS	Spring2	96.50	98.44	Poor
YRKMH	SECCHI	Spring2	0.45	4.41	Poor
YRKPH	STN	Spring2	0.441	24.30	Good
YRKPH	BTN	Spring2	0.552	73.24	Poor
YRKPH	SDIN	Spring2	0.024	22.67	Good
YRKPH	BDIN	Spring2	0.049	34.14	Good
YRKPH	STP	Spring2	0.047	72.09	Poor
YRKPH	BTP	Spring2	0.068	73.65	Poor
YRKPH	SPO4F	Spring2	0.010	68.29	Poor
YRKPH	BPO4F	Spring2	0.012	69.10	Poor
YRKPH	SCHLA	Spring2	10.88	59.71	Poor
YRKPH	STSS	Spring2	13.00	64.69	Poor
YRKPH	BTSS	Spring2	35.50	90.32	Poor
YRKPH	SECCHI	Spring2	0.90	8.28	Poor
MOBPH	STN	Spring2	0.464	23.43	Good
MOBPH	BTN	Spring2	0.448	27.91	Good
MOBPH	SDIN	Spring2	0.011	19.57	Good
MOBPH	BDIN	Spring2	0.026	17.27	Good
MOBPH	STP	Spring2	0.028	39.62	Good
MOBPH	BTP	Spring2	0.033	36.22	Good
MOBPH	SPO4F	Spring2	0.001	17.38	Good
MOBPH	BPO4F	Spring2	0.001	15.28	Good
MOBPH	SCHLA	Spring2	8.01	53.47	Fair
MOBPH	STSS	Spring2	11.04	68.34	Poor
MOBPH	BTSS	Spring2	14.63	59.14	Poor
MOBPH	SECCHI	Spring2	1.15	20.12	Poor
RPPTF	STN	Spring2	0.967	45.68	Fair
RPPTF	BTN	Spring2	0.991	37.16	Good
RPPTF	SDIN	Spring2	0.423	43.74	Fair
RPPTF	BDIN	Spring2	0.416	38.12	Good
RPPTF	STP	Spring2	0.076	35.69	Good
RPPTF	BTP	Spring2	0.088	32.15	Good
RPPTF	SPO4F	Spring2	0.008	24.28	Good
RPPTF	BPO4F	Spring2	0.008	34.27	Good
RPPTF	SCHLA	Spring2	18.74	71.59	Poor
RPPTF	STSS	Spring2	27.38	80.90	Poor
RPPTF	BTSS	Spring2	50.50	81.58	Poor
RPPTF	SECCHI	Spring2	0.38	11.79	Poor
RPPMH	STN	Spring2	0.489	17.70	Good
RPPMH	BTN	Spring2	0.536	45.38	Fair
RPPMH	SDIN	Spring2	0.018	10.43	Good
RPPMH	BDIN	Spring2	0.022	15.21	Good
RPPMH	STP	Spring2	0.042	53.29	Fair
RPPMH	BTP	Spring2	0.050	53.46	Fair
RPPMH	SPO4F	Spring2	0.006	36.41	Good
RPPMH	BPO4F	Spring2	0.006	35.03	Good
RPPMH	SCHLA	Spring2	9.90	44.37	Good
RPPMH	STSS	Spring2	11.45	59.25	Poor
RPPMH	BTSS	Spring2	18.50	74.04	Poor
RPPMH	SECCHI	Spring2	1.00	20.12	Poor

Segment	Parameter	Season	Median	Score	Status
RPPOH	STN	Spring2	0.931	39.38	Good
RPPOH	BTN	Spring2	0.951	28.80	Good
RPPOH	SDIN	Spring2	0.322	31.04	Good
RPPOH	BDIN	Spring2	0.305	25.36	Good
RPPOH	STP	Spring2	0.088	43.79	Fair
RPPOH	BTP	Spring2	0.118	47.85	Fair
RPPOH	SPO4F	Spring2	0.012	26.40	Good
RPPOH	BPO4F	Spring2	0.011	34.27	Good
RPPOH	SCHLA	Spring2	15.04	82.11	Poor
RPPOH	STSS	Spring2	36.00	72.69	Poor
RPPOH	BTSS	Spring2	99.00	85.74	Poor
RPPOH	SECCHI	Spring2	0.35	15.40	Poor
CRRMH	STN	Spring2	0.472	11.01	Good
CRRMH	BTN	Spring2	0.531	34.48	Good
CRRMH	SDIN	Spring2	0.022	13.54	Good
CRRMH	BDIN	Spring2	0.026	21.07	Good
CRRMH	STP	Spring2	0.031	39.62	Fair
CRRMH	BTP	Spring2	0.045	51.21	Fair
CRRMH	SPO4F	Spring2	0.005	40.94	Fair
CRRMH	BPO4F	Spring2	0.006	34.89	Good
CRRMH	SCHLA	Spring2	7.33	36.98	Good
CRRMH	STSS	Spring2	4.00	19.30	Good
CRRMH	BTSS	Spring2	9.00	28.37	Good
CRRMH	SECCHI	Spring2	1.30	39.00	Poor
PIAMH	STN	Spring2	0.526	18.92	Good
PIAMH	BTN	Spring2	0.489	32.04	Good
PIAMH	SDIN	Spring2	0.010	19.57	Good
PIAMH	BDIN	Spring2	0.017	15.21	Good
PIAMH	STP	Spring2	0.023	30.77	Good
PIAMH	BTP	Spring2	0.027	26.23	Good
PIAMH	SPO4F	Spring2	0.001	22.74	Good
PIAMH	BPO4F	Spring2	0.001	20.21	Good
PIAMH	SCHLA	Spring2	6.06	29.04	Good
PIAMH	STSS	Spring2	6.98	43.30	Fair
PIAMH	BTSS	Spring2	9.43	33.39	Good
PIAMH	SECCHI	Spring2	1.25	32.24	Poor
POCMH	STN	Spring2	0.627	27.62	Good
POCMH	BTN	Spring2	0.625	35.11	Good
POCMH	SDIN	Spring2	0.022	12.53	Good
POCMH	BDIN	Spring2	0.030	12.48	Good
POCMH	STP	Spring2	0.035	48.47	Fair
POCMH	BTP	Spring2	0.035	35.87	Good
POCMH	SPO4F	Spring2	0.002	25.42	Good
POCMH	BPO4F	Spring2	0.003	20.21	Good
POCMH	SCHLA	Spring2	8.89	41.97	Good
POCMH	STSS	Spring2	15.56	83.39	Poor
POCMH	BTSS	Spring2	22.03	73.63	Poor
POCMH	SECCHI	Spring2	0.75	11.06	Poor
CB5MH	STN	Spring2	0.612	24.73	Good
CB5MH	BTN	Spring2	0.513	54.71	Fair
CB5MH	SDIN	Spring2	0.098	18.94	Good
CB5MH	BDIN	Spring2	0.112	51.85	Fair
CB5MH	STP	Spring2	0.023	28.18	Good
CB5MH	BTP	Spring2	0.033	28.91	Good
CB5MH	SPO4F	Spring2	0.002	28.21	Good
CB5MH	BPO4F	Spring2	0.004	27.29	Good
CB5MH	SCHLA	Spring2	9.69	42.18	Good
CB5MH	STSS	Spring2	5.90	37.46	Good
CB5MH	BTSS	Spring2	11.74	35.52	Good
CB5MH	SECCHI	Spring2	1.40	52.62	Fair

Segment	Parameter	Season	Median	Score	Status
CB6PH	STN	Spring2	0.490	20.60	Good
CB6PH	BTN	Spring2	0.380	35.63	Good
CB6PH	SDIN	Spring2	0.008	19.57	Good
CB6PH	BDIN	Spring2	0.045	34.03	Good
CB6PH	STP	Spring2	0.018	23.80	Good
CB6PH	BTP	Spring2	0.025	24.62	Good
CB6PH	SPO4F	Spring2	0.001	22.74	Good
CB6PH	BPO4F	Spring2	0.002	19.25	Good
CB6PH	SCHLA	Spring2	6.69	34.68	Good
CB6PH	STSS	Spring2	6.89	35.85	Good
CB6PH	BTSS	Spring2	15.93	52.35	Fair
CB6PH	SECCHI	Spring2	1.70	58.98	Fair
CB7PH	STN	Spring2	0.448	21.73	Good
CB7PH	BTN	Spring2	0.379	30.71	Good
CB7PH	SDIN	Spring2	0.009	22.79	Good
CB7PH	BDIN	Spring2	0.034	28.28	Good
CB7PH	STP	Spring2	0.020	22.73	Good
CB7PH	BTP	Spring2	0.024	23.77	Good
CB7PH	SPO4F	Spring2	0.001	17.38	Good
CB7PH	BPO4F	Spring2	0.003	21.28	Good
CB7PH	SCHLA	Spring2	4.14	25.63	Good
CB7PH	STSS	Spring2	5.94	36.84	Good
CB7PH	BTSS	Spring2	14.45	49.93	Fair
CB7PH	SECCHI	Spring2	1.70	53.09	Fair
CB8PH	STN	Spring2	0.366	16.07	Good
CB8PH	BTN	Spring2	0.281	12.35	Good
CB8PH	SDIN	Spring2	0.023	25.00	Good
CB8PH	BDIN	Spring2	0.020	24.95	Good
CB8PH	STP	Spring2	0.020	23.58	Good
CB8PH	BTP	Spring2	0.027	24.33	Good
CB8PH	SPO4F	Spring2	0.001	20.06	Good
CB8PH	BPO4F	Spring2	0.005	28.31	Good
CB8PH	SCHLA	Spring2	4.71	27.33	Good
CB8PH	STSS	Spring2	8.17	50.41	Fair
CB8PH	BTSS	Spring2	13.56	42.18	Good
CB8PH	SECCHI	Spring2	1.35	29.39	Poor
APPTF	STN	Summer1	0.988	35.95	Good
APPTF	BTN	Summer1	1.048	30.90	Good
APPTF	SDIN	Summer1	0.190	12.46	Good
APPTF	BDIN	Summer1	0.181	9.17	Good
APPTF	STP	Summer1	0.103	52.37	Fair
APPTF	BTP	Summer1	0.120	47.09	Fair
APPTF	SPO4F	Summer1	0.020	33.50	Good
APPTF	BPO4F	Summer1	0.022	39.75	Good
APPTF	SCHLA	Summer1	40.01	89.10	Poor
APPTF	STSS	Summer1	28.50	90.01	Poor
APPTF	BTSS	Summer1	37.50	76.34	Poor
APPTF	SECCHI	Summer1	0.45	17.05	Poor
JMSTF	STN	Summer1	0.903	25.69	Good
JMSTF	BTN	Summer1	1.104	31.03	Good
JMSTF	SDIN	Summer1	0.166	21.59	Good
JMSTF	BDIN	Summer1	0.241	22.76	Good
JMSTF	STP	Summer1	0.085	33.73	Good
JMSTF	BTP	Summer1	0.110	37.61	Good
JMSTF	SPO4F	Summer1	0.029	40.72	Fair
JMSTF	BPO4F	Summer1	0.026	42.16	Good
JMSTF	SCHLA	Summer1	17.94	50.61	Fair
JMSTF	STSS	Summer1	14.75	62.74	Poor
JMSTF	BTSS	Summer1	48.50	68.37	Poor
JMSTF	SECCHI	Summer1	0.50	18.91	Poor

Segment	Parameter	Season	Median	Score	Status
CHKOH	STN	Summer1	0.618	11.02	Good
CHKOH	BTN	Summer1	0.755	17.16	Good
CHKOH	SDIN	Summer1	0.016	10.25	Good
CHKOH	BDIN	Summer1	0.012	6.69	Good
CHKOH	STP	Summer1	0.073	38.39	Good
CHKOH	BTP	Summer1	0.104	51.42	Fair
CHKOH	SPO4F	Summer1	0.013	30.48	Good
CHKOH	BPO4F	Summer1	0.014	31.87	Good
CHKOH	SCHLA	Summer1	13.07	64.22	Poor
CHKOH	STSS	Summer1	22.50	78.77	Poor
CHKOH	BTSS	Summer1	60.00	91.24	Poor
CHKOH	SECCHI	Summer1	0.50	18.91	Poor
JMSOH	STN	Summer1	0.521	8.29	Good
JMSOH	BTN	Summer1	0.606	10.99	Good
JMSOH	SDIN	Summer1	0.098	23.98	Good
JMSOH	BDIN	Summer1	0.112	14.48	Good
JMSOH	STP	Summer1	0.085	78.19	Poor
JMSOH	BTP	Summer1	0.111	88.72	Poor
JMSOH	SPO4F	Summer1	0.030	93.17	Poor
JMSOH	BPO4F	Summer1	0.032	68.73	Poor
JMSOH	SCHLA	Summer1	8.74	28.74	Good
JMSOH	STSS	Summer1	22.75	86.34	Poor
JMSOH	BTSS	Summer1	45.25	92.15	Poor
JMSOH	SECCHI	Summer1	0.58	9.33	Poor
JMSMH	STN	Summer1	0.518	26.24	Good
JMSMH	BTN	Summer1	0.583	62.04	Poor
JMSMH	SDIN	Summer1	0.131	61.91	Poor
JMSMH	BDIN	Summer1	0.133	47.68	Fair
JMSMH	STP	Summer1	0.075	84.27	Poor
JMSMH	BTP	Summer1	0.096	85.99	Poor
JMSMH	SPO4F	Summer1	0.038	97.13	Poor
JMSMH	BPO4F	Summer1	0.042	89.15	Poor
JMSMH	SCHLA	Summer1	6.21	21.39	Good
JMSMH	STSS	Summer1	13.75	73.26	Poor
JMSMH	BTSS	Summer1	43.00	87.29	Poor
JMSMH	SECCHI	Summer1	0.80	14.17	Poor
JMSPH	STN	Summer1	0.508	47.22	Fair
JMSPH	BTN	Summer1	0.484	47.09	Fair
JMSPH	SDIN	Summer1	0.070	57.80	Fair
JMSPH	BDIN	Summer1	0.070	36.74	Good
JMSPH	STP	Summer1	0.058	69.75	Poor
JMSPH	BTP	Summer1	0.057	51.89	Fair
JMSPH	SPO4F	Summer1	0.024	81.71	Poor
JMSPH	BPO4F	Summer1	0.019	51.23	Fair
JMSPH	SCHLA	Summer1	8.48	65.63	Poor
JMSPH	STSS	Summer1	12.00	70.83	Poor
JMSPH	BTSS	Summer1	20.00	54.24	Fair
JMSPH	SECCHI	Summer1	1.00	16.11	Poor
EBEMH	STN	Summer1	0.900	94.28	Poor
EBEMH	BTN	Summer1	0.804	92.89	Poor
EBEMH	SDIN	Summer1	0.429	99.75	Poor
EBEMH	BDIN	Summer1	0.433	99.31	Poor
EBEMH	STP	Summer1	0.103	97.41	Poor
EBEMH	BTP	Summer1	0.099	91.65	Poor
EBEMH	SPO4F	Summer1	0.066	99.98	Poor
EBEMH	BPO4F	Summer1	0.067	99.72	Poor
EBEMH	SCHLA	Summer1	4.67	21.91	Good
EBEMH	STSS	Summer1	11.08	61.04	Poor
EBEMH	BTSS	Summer1	15.38	43.27	Fair
EBEMH	SECCHI	Summer1	1.00	20.33	Poor

Segment	Parameter	Season	Median	Score	Status
WBEMH	STN	Summer1	0.757	86.39	Poor
WBEMH	BTN	Summer1	0.778	90.44	Poor
WBEMH	SDIN	Summer1	0.208	93.48	Poor
WBEMH	BDIN	Summer1	0.279	87.75	Poor
WBEMH	STP	Summer1	0.097	98.51	Poor
WBEMH	BTP	Summer1	0.103	91.90	Poor
WBEMH	SPO4F	Summer1	0.040	98.29	Poor
WBEMH	BPO4F	Summer1	0.042	89.17	Poor
WBEMH	SCHLA	Summer1	12.28	87.01	Poor
WBEMH	STSS	Summer1	28.39	96.16	Poor
WBEMH	BTSS	Summer1	30.58	86.51	Poor
WBEMH	SECCHI	Summer1	0.55	3.08	Poor
SBEMH	STN	Summer1	1.034	98.90	Poor
SBEMH	BTN	Summer1	0.974	98.67	Poor
SBEMH	SDIN	Summer1	0.535	99.98	Poor
SBEMH	BDIN	Summer1	0.510	99.97	Poor
SBEMH	STP	Summer1	0.108	99.12	Poor
SBEMH	BTP	Summer1	0.117	97.52	Poor
SBEMH	SPO4F	Summer1	0.069	99.95	Poor
SBEMH	BPO4F	Summer1	0.074	99.92	Poor
SBEMH	SCHLA	Summer1	5.91	35.67	Good
SBEMH	STSS	Summer1	9.38	46.47	Fair
SBEMH	BTSS	Summer1	12.64	29.12	Good
SBEMH	SECCHI	Summer1	1.10	14.17	Poor
ELIPH	STN	Summer1	0.717	83.15	Poor
ELIPH	BTN	Summer1	0.659	82.76	Poor
ELIPH	SDIN	Summer1	0.283	98.92	Poor
ELIPH	BDIN	Summer1	0.249	97.95	Poor
ELIPH	STP	Summer1	0.084	95.99	Poor
ELIPH	BTP	Summer1	0.087	88.29	Poor
ELIPH	SPO4F	Summer1	0.040	98.80	Poor
ELIPH	BPO4F	Summer1	0.048	97.86	Poor
ELIPH	SCHLA	Summer1	10.20	60.27	Poor
ELIPH	STSS	Summer1	11.37	63.13	Poor
ELIPH	BTSS	Summer1	20.49	49.36	Fair
ELIPH	SECCHI	Summer1	0.88	11.79	Poor
PMKTF	STN	Summer1	0.587	7.23	Good
PMKTF	BTN	Summer1	0.679	7.84	Good
PMKTF	SDIN	Summer1	0.119	13.67	Good
PMKTF	BDIN	Summer1	0.113	8.69	Good
PMKTF	STP	Summer1	0.075	32.66	Good
PMKTF	BTP	Summer1	0.071	25.98	Good
PMKTF	SPO4F	Summer1	0.019	34.27	Good
PMKTF	BPO4F	Summer1	0.018	37.72	Good
PMKTF	SCHLA	Summer1	5.29	14.10	Good
PMKTF	STSS	Summer1	15.75	53.48	Fair
PMKTF	BTSS	Summer1	20.50	39.95	Good
PMKTF	SECCHI	Summer1	0.75	51.35	Fair
PMKOH	STN	Summer1	0.739	32.22	Good
PMKOH	BTN	Summer1	0.947	85.41	Poor
PMKOH	SDIN	Summer1	0.161	34.05	Good
PMKOH	BDIN	Summer1	0.168	24.73	Good
PMKOH	STP	Summer1	0.100	91.42	Poor
PMKOH	BTP	Summer1	0.162	97.78	Poor
PMKOH	SPO4F	Summer1	0.034	82.15	Poor
PMKOH	BPO4F	Summer1	0.032	59.67	Poor
PMKOH	SCHLA	Summer1	10.23	48.60	Fair
PMKOH	STSS	Summer1	28.00	94.24	Poor
PMKOH	BTSS	Summer1	67.00	96.53	Poor
PMKOH	SECCHI	Summer1	0.50	3.83	Poor

Segment	Parameter	Season	Median	Score	Status
MPNTF	STN	Summer1	0.605	7.80	Good
MPNTF	BTN	Summer1	0.618	4.25	Good
MPNTF	SDIN	Summer1	0.142	11.97	Good
MPNTF	BDIN	Summer1	0.123	7.24	Good
MPNTF	STP	Summer1	0.070	26.19	Good
MPNTF	BTP	Summer1	0.072	26.29	Good
MPNTF	SPO4F	Summer1	0.016	30.48	Good
MPNTF	BPO4F	Summer1	0.018	37.05	Good
MPNTF	SCHLA	Summer1	4.77	16.14	Good
MPNTF	STSS	Summer1	7.50	19.52	Good
MPNTF	BTSS	Summer1	9.50	13.40	Good
MPNTF	SECCHI	Summer1	0.70	51.35	Fair
MPNOH	STN	Summer1	0.705	47.53	Fair
MPNOH	BTN	Summer1	0.869	91.77	Poor
MPNOH	SDIN	Summer1	0.159	43.63	Fair
MPNOH	BDIN	Summer1	0.153	15.87	Good
MPNOH	STP	Summer1	0.100	94.19	Poor
MPNOH	BTP	Summer1	0.155	95.42	Poor
MPNOH	SPO4F	Summer1	0.031	92.86	Poor
MPNOH	BPO4F	Summer1	0.031	55.81	Fair
MPNOH	SCHLA	Summer1	7.83	34.89	Good
MPNOH	STSS	Summer1	33.00	96.83	Poor
MPNOH	BTSS	Summer1	91.50	96.58	Poor
MPNOH	SECCHI	Summer1	0.40	3.67	Poor
YRKMH	STN	Summer1	0.685	52.80	Fair
YRKMH	BTN	Summer1	0.821	83.29	Poor
YRKMH	SDIN	Summer1	0.153	62.60	Poor
YRKMH	BDIN	Summer1	0.145	38.41	Good
YRKMH	STP	Summer1	0.083	91.17	Poor
YRKMH	BTP	Summer1	0.127	96.83	Poor
YRKMH	SPO4F	Summer1	0.029	95.41	Poor
YRKMH	BPO4F	Summer1	0.032	71.38	Poor
YRKMH	SCHLA	Summer1	12.47	56.61	Fair
YRKMH	STSS	Summer1	21.75	91.39	Poor
YRKMH	BTSS	Summer1	41.75	94.53	Poor
YRKMH	SECCHI	Summer1	0.53	3.67	Poor
YRKPH	STN	Summer1	0.522	41.76	Good
YRKPH	BTN	Summer1	0.578	64.71	Poor
YRKPH	SDIN	Summer1	0.068	50.48	Fair
YRKPH	BDIN	Summer1	0.156	67.42	Poor
YRKPH	STP	Summer1	0.072	80.30	Poor
YRKPH	BTP	Summer1	0.089	87.62	Poor
YRKPH	SPO4F	Summer1	0.023	78.92	Poor
YRKPH	SCHLA	Summer1	10.14	74.25	Poor
YRKPH	STSS	Summer1	9.25	50.30	Fair
YRKPH	BTSS	Summer1	24.00	59.92	Poor
YRKPH	SECCHI	Summer1	1.00	17.25	Poor
MOBPH	STN	Summer1	0.498	47.09	Fair
MOBPH	BTN	Summer1	0.478	45.86	Fair
MOBPH	SDIN	Summer1	0.017	28.61	Good
MOBPH	BDIN	Summer1	0.036	16.68	Good
MOBPH	STP	Summer1	0.043	49.22	Fair
MOBPH	BTP	Summer1	0.049	35.32	Good
MOBPH	SPO4F	Summer1	0.005	29.84	Good
MOBPH	BPO4F	Summer1	0.011	17.75	Good
MOBPH	SCHLA	Summer1	10.62	76.54	Poor
MOBPH	STSS	Summer1	11.72	62.99	Poor
MOBPH	BTSS	Summer1	16.34	45.06	Fair
MOBPH	SECCHI	Summer1	0.98	14.17	Poor

Segment	Parameter	Season	Median	Score	Status
RPPTF	STN	Summer1	0.883	33.53	Good
RPPTF	BTN	Summer1	0.918	26.93	Good
RPPTF	SDIN	Summer1	0.171	19.13	Good
RPPTF	BDIN	Summer1	0.184	13.16	Good
RPPTF	STP	Summer1	0.074	28.14	Good
RPPTF	BTP	Summer1	0.079	28.90	Good
RPPTF	SPO4F	Summer1	0.007	24.25	Good
RPPTF	BPO4F	Summer1	0.007	30.01	Good
RPPTF	SCHLA	Summer1	32.97	86.07	Poor
RPPTF	STSS	Summer1	24.25	82.80	Poor
RPPTF	BTSS	Summer1	32.69	66.55	Poor
RPPTF	SECCHI	Summer1	0.40	9.21	Poor
RPPMH	STN	Summer1	0.531	22.20	Good
RPPMH	BTN	Summer1	0.527	41.58	Good
RPPMH	SDIN	Summer1	0.017	18.19	Good
RPPMH	BDIN	Summer1	0.053	14.49	Good
RPPMH	STP	Summer1	0.044	45.05	Fair
RPPMH	BTP	Summer1	0.048	45.33	Fair
RPPMH	SPO4F	Summer1	0.007	32.90	Good
RPPMH	BPO4F	Summer1	0.012	25.90	Good
RPPMH	SCHLA	Summer1	10.80	60.62	Poor
RPPMH	STSS	Summer1	9.47	47.50	Fair
RPPMH	BTSS	Summer1	13.76	49.07	Fair
RPPMH	SECCHI	Summer1	0.98	27.83	Poor
RPPOH	STN	Summer1	0.597	17.21	Good
RPPOH	BTN	Summer1	0.692	16.67	Good
RPPOH	SDIN	Summer1	0.010	10.21	Good
RPPOH	BDIN	Summer1	0.015	7.42	Good
RPPOH	STP	Summer1	0.060	26.93	Good
RPPOH	BTP	Summer1	0.077	28.58	Good
RPPOH	SPO4F	Summer1	0.011	26.25	Good
RPPOH	BPO4F	Summer1	0.010	29.25	Good
RPPOH	SCHLA	Summer1	16.01	75.91	Poor
RPPOH	STSS	Summer1	22.00	70.19	Poor
RPPOH	BTSS	Summer1	50.50	66.24	Poor
RPPOH	SECCHI	Summer1	0.40	9.21	Poor
CRRMH	STN	Summer1	0.509	35.47	Good
CRRMH	BTN	Summer1	0.542	44.77	Fair
CRRMH	SDIN	Summer1	0.010	17.06	Good
CRRMH	BDIN	Summer1	0.017	9.53	Good
CRRMH	STP	Summer1	0.040	44.91	Fair
CRRMH	BTP	Summer1	0.049	39.04	Good
CRRMH	SPO4F	Summer1	0.005	32.03	Good
CRRMH	BPO4F	Summer1	0.008	19.18	Good
CRRMH	SCHLA	Summer1	9.02	53.07	Fair
CRRMH	STSS	Summer1	4.50	17.09	Good
CRRMH	BTSS	Summer1	7.00	11.35	Good
CRRMH	SECCHI	Summer1	1.25	45.36	Fair
PIAMH	STN	Summer1	0.549	38.82	Good
PIAMH	BTN	Summer1	0.533	51.53	Fair
PIAMH	SDIN	Summer1	0.016	21.47	Good
PIAMH	BDIN	Summer1	0.019	11.08	Good
PIAMH	STP	Summer1	0.034	32.97	Good
PIAMH	BTP	Summer1	0.041	27.99	Good
PIAMH	SPO4F	Summer1	0.001	19.90	Good
PIAMH	BPO4F	Summer1	0.003	11.76	Good
PIAMH	SCHLA	Summer1	9.88	61.28	Poor
PIAMH	STSS	Summer1	8.10	42.17	Fair
PIAMH	BTSS	Summer1	12.23	33.98	Good
PIAMH	SECCHI	Summer1	1.30	36.34	Poor

Appendix A.

Continued.

Segment	Parameter	Season	Median	Score	Status
POCMH	STN	Summer1	0.679	60.97	Poor
POCMH	BTN	Summer1	0.704	77.97	Poor
POCMH	SDIN	Summer1	0.017	26.65	Good
POCMH	BDIN	Summer1	0.024	10.20	Good
POCMH	STP	Summer1	0.044	42.79	Fair
POCMH	BTP	Summer1	0.048	37.65	Good
POCMH	SPO4F	Summer1	0.003	24.11	Good
POCMH	BPO4F	Summer1	0.003	11.76	Good
POCMH	SCHLA	Summer1	10.58	70.47	Poor
POCMH	STSS	Summer1	16.53	82.60	Poor
POCMH	BTSS	Summer1	22.03	74.09	Poor
POCMH	SECCHI	Summer1	0.70	8.37	Poor
CB5MH	STN	Summer1	0.570	34.51	Good
CB5MH	BTN	Summer1	0.537	58.20	Poor
CB5MH	SDIN	Summer1	0.026	22.09	Good
CB5MH	BDIN	Summer1	0.116	66.08	Poor
CB5MH	STP	Summer1	0.034	30.67	Good
CB5MH	BTP	Summer1	0.052	39.04	Good
CB5MH	SPO4F	Summer1	0.004	27.36	Good
CB5MH	BPO4F	Summer1	0.025	56.50	Fair
CB5MH	SCHLA	Summer1	9.52	42.96	Good
CB5MH	STSS	Summer1	6.23	30.10	Good
CB5MH	BTSS	Summer1	9.43	22.60	Good
CB5MH	SECCHI	Summer1	1.55	69.90	Good
CB6PH	STN	Summer1	0.520	37.34	Good
CB6PH	BTN	Summer1	0.444	34.36	Good
CB6PH	SDIN	Summer1	0.016	26.01	Good
CB6PH	BDIN	Summer1	0.079	43.28	Fair
CB6PH	STP	Summer1	0.033	34.55	Good
CB6PH	BTP	Summer1	0.047	35.18	Good
CB6PH	SPO4F	Summer1	0.002	23.29	Good
CB6PH	BPO4F	Summer1	0.018	51.06	Fair
CB6PH	SCHLA	Summer1	10.28	69.59	Poor
CB6PH	STSS	Summer1	7.58	38.00	Good
CB6PH	BTSS	Summer1	18.22	42.08	Good
CB6PH	SECCHI	Summer1	1.63	55.40	Fair
CB7PH	STN	Summer1	0.448	29.33	Good
CB7PH	BTN	Summer1	0.411	29.69	Good
CB7PH	SDIN	Summer1	0.016	28.47	Good
CB7PH	BDIN	Summer1	0.056	26.38	Good
CB7PH	STP	Summer1	0.028	26.56	Good
CB7PH	BTP	Summer1	0.039	26.01	Good
CB7PH	SPO4F	Summer1	0.003	25.20	Good
CB7PH	BPO4F	Summer1	0.014	29.61	Good
CB7PH	SCHLA	Summer1	6.60	39.87	Good
CB7PH	STSS	Summer1	7.19	33.36	Good
CB7PH	BTSS	Summer1	14.84	33.54	Good
CB7PH	SECCHI	Summer1	1.60	55.40	Fair
CB8PH	STN	Summer1	0.385	25.76	Good
CB8PH	BTN	Summer1	0.290	10.12	Good
CB8PH	SDIN	Summer1	0.028	36.09	Good
CB8PH	BDIN	Summer1	0.042	19.09	Good
CB8PH	STP	Summer1	0.033	34.11	Good
CB8PH	BTP	Summer1	0.030	16.55	Good
CB8PH	SPO4F	Summer1	0.008	37.24	Good
CB8PH	BPO4F	Summer1	0.016	34.68	Good
CB8PH	SCHLA	Summer1	5.81	35.84	Good
CB8PH	STSS	Summer1	6.73	29.16	Good
CB8PH	BTSS	Summer1	9.44	10.25	Good
CB8PH	SECCHI	Summer1	1.75	55.40	Fair

Segment	Parameter	Season	Median	Score	Status
APPTF	STN	Winter	0.879	24.75	Good
APPTF	BTN	Winter	0.881	17.96	Good
APPTF	SDIN	Winter	0.514	26.42	Good
APPTF	BDIN	Winter	0.480	20.13	Good
APPTF	STP	Winter	0.091	46.47	Fair
APPTF	BTP	Winter	0.082	31.73	Good
APPTF	SPO4F	Winter	0.017	27.25	Good
APPTF	BPO4F	Winter	0.017	29.76	Good
APPTF	SCHLA	Winter	7.74	98.71	Poor
APPTF	STSS	Winter	21.50	80.51	Poor
APPTF	BTSS	Winter	22.00	54.58	Fair
APPTF	SECCHI	Winter	0.50	29.62	Poor
JMSTF	STN	Winter	1.018	47.26	Fair
JMSTF	BTN	Winter	1.357	60.18	Poor
JMSTF	SDIN	Winter	0.632	35.22	Good
JMSTF	BDIN	Winter	0.692	36.73	Good
JMSTF	STP	Winter	0.093	50.83	Fair
JMSTF	BTP	Winter	0.140	69.02	Poor
JMSTF	SPO4F	Winter	0.021	29.67	Good
JMSTF	BPO4F	Winter	0.019	32.73	Good
JMSTF	SCHLA	Winter	7.66	98.05	Poor
JMSTF	STSS	Winter	16.31	84.57	Poor
JMSTF	BTSS	Winter	55.00	85.74	Poor
JMSTF	SECCHI	Winter	0.40	18.77	Poor
CHKOH	STN	Winter	0.799	16.51	Good
CHKOH	BTN	Winter	0.801	9.00	Good
CHKOH	SDIN	Winter	0.256	9.62	Good
CHKOH	BDIN	Winter	0.247	7.48	Good
CHKOH	STP	Winter	0.078	36.27	Good
CHKOH	BTP	Winter	0.082	31.74	Good
CHKOH	SPO4F	Winter	0.009	23.91	Good
CHKOH	BPO4F	Winter	0.009	25.93	Good
CHKOH	SCHLA	Winter	9.29	93.00	Poor
CHKOH	STSS	Winter	25.50	76.40	Poor
CHKOH	BTSS	Winter	28.00	54.18	Fair
CHKOH	SECCHI	Winter	0.45	33.45	Poor
JMSOH	STN	Winter	0.969	48.61	Fair
JMSOH	BTN	Winter	0.925	42.81	Fair
JMSOH	SDIN	Winter	0.415	53.22	Fair
JMSOH	BDIN	Winter	0.352	55.21	Fair
JMSOH	STP	Winter	0.077	78.36	Poor
JMSOH	BTP	Winter	0.113	80.44	Poor
JMSOH	SPO4F	Winter	0.014	86.03	Poor
JMSOH	BPO4F	Winter	0.013	82.18	Poor
JMSOH	SCHLA	Winter	6.11	32.62	Good
JMSOH	STSS	Winter	29.50	87.81	Poor
JMSOH	BTSS	Winter	59.50	88.99	Poor
JMSOH	SECCHI	Winter	0.70	13.96	Poor
JMSMH	STN	Winter	0.393	25.33	Good
JMSMH	BTN	Winter	0.420	37.47	Good
JMSMH	SDIN	Winter	0.018	13.81	Good
JMSMH	BDIN	Winter	0.015	19.93	Good
JMSMH	STP	Winter	0.036	69.37	Poor
JMSMH	BTP	Winter	0.050	73.77	Poor
JMSMH	SPO4F	Winter	0.006	56.79	Fair
JMSMH	BPO4F	Winter	0.006	58.33	Poor
JMSMH	SCHLA	Winter	9.81	57.43	Poor
JMSMH	STSS	Winter	9.25	38.54	Good
JMSMH	BTSS	Winter	19.50	51.40	Fair
JMSMH	SECCHI	Winter	1.30	20.77	Poor

Segment	Parameter	Season	Median	Score	Status
JMSPH	STN	Winter	0.322	19.94	Good
JMSPH	BTN	Winter	0.316	20.19	Good
JMSPH	SDIN	Winter	0.014	14.36	Good
JMSPH	BDIN	Winter	0.012	18.08	Good
JMSPH	STP	Winter	0.028	38.68	Good
JMSPH	BTP	Winter	0.030	20.44	Good
JMSPH	SPO4F	Winter	0.004	23.71	Good
JMSPH	BPO4F	Winter	0.004	20.38	Good
JMSPH	SCHLA	Winter	7.71	32.34	Good
JMSPH	STSS	Winter	9.15	34.25	Good
JMSPH	BTSS	Winter	10.17	20.62	Good
JMSPH	SECCHI	Winter	1.75	47.47	Fair
EBEMH	STN	Winter	0.683	73.89	Poor
EBEMH	BTN	Winter	0.587	73.00	Poor
EBEMH	SDIN	Winter	0.188	46.61	Fair
EBEMH	BDIN	Winter	0.146	69.98	Poor
EBEMH	STP	Winter	0.039	69.82	Poor
EBEMH	BTP	Winter	0.036	45.28	Fair
EBEMH	SPO4F	Winter	0.001	17.95	Good
EBEMH	BPO4F	Winter	0.001	14.60	Good
EBEMH	SCHLA	Winter	15.65	85.27	Poor
EBEMH	STSS	Winter	10.15	72.82	Poor
EBEMH	BTSS	Winter	13.23	34.68	Good
EBEMH	SECCHI	Winter	1.10	16.27	Poor
WBEMH	STN	Winter	0.447	41.20	Fair
WBEMH	BTN	Winter	0.411	41.81	Fair
WBEMH	SDIN	Winter	0.007	11.69	Good
WBEMH	BDIN	Winter	0.015	20.71	Good
WBEMH	STP	Winter	0.036	68.99	Poor
WBEMH	BTP	Winter	0.033	38.43	Good
WBEMH	SPO4F	Winter	0.001	17.95	Good
WBEMH	BPO4F	Winter	0.001	14.60	Good
WBEMH	SCHLA	Winter	11.64	71.61	Poor
WBEMH	STSS	Winter	10.68	65.43	Poor
WBEMH	BTSS	Winter	9.94	20.37	Good
WBEMH	SECCHI	Winter	1.00	11.76	Poor
SBEMH	STN	Winter	0.904	97.06	Poor
SBEMH	BTN	Winter	0.836	92.23	Poor
SBEMH	SDIN	Winter	0.450	95.24	Poor
SBEMH	BDIN	Winter	0.301	96.87	Poor
SBEMH	STP	Winter	0.035	70.81	Poor
SBEMH	BTP	Winter	0.044	48.52	Fair
SBEMH	SPO4F	Winter	0.008	53.42	Fair
SBEMH	BPO4F	Winter	0.005	22.28	Good
SBEMH	SCHLA	Winter	14.42	77.23	Poor
SBEMH	STSS	Winter	7.36	49.13	Fair
SBEMH	BTSS	Winter	8.97	15.98	Good
SBEMH	SECCHI	Winter	1.05	16.27	Poor
ELIPH	STN	Winter	0.447	50.64	Fair
ELIPH	BTN	Winter	0.437	43.13	Fair
ELIPH	SDIN	Winter	0.056	22.40	Good
ELIPH	BDIN	Winter	0.028	27.70	Good
ELIPH	STP	Winter	0.039	68.25	Poor
ELIPH	BTP	Winter	0.043	62.13	Poor
ELIPH	SPO4F	Winter	0.004	17.95	Good
ELIPH	BPO4F	Winter	0.005	26.26	Good
ELIPH	SCHLA	Winter	15.09	79.41	Poor
ELIPH	STSS	Winter	9.15	25.83	Good
ELIPH	BTSS	Winter	17.00	49.25	Fair
ELIPH	SECCHI	Winter	1.35	23.90	Poor

Segment	Parameter	Season	Median	Score	Status
PMKTF	STN	Winter	0.934	29.00	Good
PMKTF	BTN	Winter	0.977	24.06	Good
PMKTF	SDIN	Winter	0.475	23.17	Good
PMKTF	BDIN	Winter	0.470	21.41	Good
PMKTF	STP	Winter	0.096	50.75	Fair
PMKTF	BTP	Winter	0.097	41.53	Fair
PMKTF	SPO4F	Winter	0.014	26.86	Good
PMKTF	BPO4F	Winter	0.014	29.33	Good
PMKTF	SCHLA	Winter	3.06	26.92	Good
PMKTF	STSS	Winter	33.50	89.20	Poor
PMKTF	BTSS	Winter	40.00	74.85	Poor
PMKTF	SECCHI	Winter	0.35	18.77	Poor
PMKOH	STN	Winter	0.873	51.28	Fair
PMKOH	BTN	Winter	1.436	77.54	Poor
PMKOH	SDIN	Winter	0.304	38.31	Good
PMKOH	BDIN	Winter	0.298	57.96	Fair
PMKOH	STP	Winter	0.078	94.12	Poor
PMKOH	BTP	Winter	0.190	98.18	Poor
PMKOH	SPO4F	Winter	0.015	97.45	Poor
PMKOH	BPO4F	Winter	0.013	98.43	Poor
PMKOH	SCHLA	Winter	5.34	37.68	Good
PMKOH	STSS	Winter	38.00	98.84	Poor
PMKOH	BTSS	Winter	90.00	95.30	Poor
PMKOH	SECCHI	Winter	0.40	2.09	Poor
MPNTF	STN	Winter	0.775	17.62	Good
MPNTF	BTN	Winter	0.710	9.80	Good
MPNTF	SDIN	Winter	0.382	16.53	Good
MPNTF	BDIN	Winter	0.367	12.96	Good
MPNTF	STP	Winter	0.065	27.36	Good
MPNTF	BTP	Winter	0.066	23.38	Good
MPNTF	SPO4F	Winter	0.008	20.71	Good
MPNTF	BPO4F	Winter	0.008	22.51	Good
MPNTF	SCHLA	Winter	1.93	7.67	Good
MPNTF	STSS	Winter	24.50	84.24	Poor
MPNTF	BTSS	Winter	23.00	56.93	Fair
MPNTF	SECCHI	Winter	0.45	24.19	Poor
MPNOH	STN	Winter	0.795	30.10	Good
MPNOH	BTN	Winter	0.768	43.68	Fair
MPNOH	SDIN	Winter	0.264	25.72	Good
MPNOH	BDIN	Winter	0.258	35.93	Good
MPNOH	STP	Winter	0.077	80.96	Poor
MPNOH	BTP	Winter	0.100	87.41	Poor
MPNOH	SPO4F	Winter	0.013	82.82	Poor
MPNOH	BPO4F	Winter	0.013	75.67	Poor
MPNOH	SCHLA	Winter	5.00	24.77	Good
MPNOH	STSS	Winter	27.00	96.56	Poor
MPNOH	BTSS	Winter	45.00	88.40	Poor
MPNOH	SECCHI	Winter	0.40	1.87	Poor
YRKMH	STN	Winter	0.724	58.47	Fair
YRKMH	BTN	Winter	0.883	82.43	Poor
YRKMH	SDIN	Winter	0.066	14.35	Good
YRKMH	BDIN	Winter	0.034	17.66	Good
YRKMH	STP	Winter	0.085	96.22	Poor
YRKMH	BTP	Winter	0.112	99.33	Poor
YRKMH	SPO4F	Winter	0.008	78.44	Poor
YRKMH	BPO4F	Winter	0.007	70.94	Poor
YRKMH	SCHLA	Winter	19.67	90.44	Poor
YRKMH	STSS	Winter	29.00	86.71	Poor
YRKMH	BTSS	Winter	67.00	95.52	Poor
YRKMH	SECCHI	Winter	0.61	3.16	Poor

Segment	Parameter	Season	Median	Score	Status
YRKPH	STN	Winter	0.369	29.84	Good
YRKPH	BTN	Winter	0.453	53.97	Fair
YRKPH	SDIN	Winter	0.015	13.66	Good
YRKPH	BDIN	Winter	0.017	19.63	Good
YRKPH	STP	Winter	0.041	74.09	Poor
YRKPH	BTP	Winter	0.058	92.70	Poor
YRKPH	SPO4F	Winter	0.004	38.51	Good
YRKPH	BPO4F	Winter	0.005	33.94	Good
YRKPH	SCHLA	Winter	7.85	42.37	Good
YRKPH	STSS	Winter	7.00	30.98	Good
YRKPH	BTSS	Winter	26.50	75.66	Poor
YRKPH	SECCHI	Winter	1.48	44.35	Fair
MOBPH	STN	Winter	0.297	16.06	Good
MOBPH	BTN	Winter	0.308	21.02	Good
MOBPH	SDIN	Winter	0.013	14.16	Good
MOBPH	BDIN	Winter	0.013	19.42	Good
MOBPH	STP	Winter	0.016	21.71	Good
MOBPH	BTP	Winter	0.017	12.60	Good
MOBPH	SPO4F	Winter	0.001	17.95	Good
MOBPH	BPO4F	Winter	0.001	14.60	Good
MOBPH	SCHLA	Winter	3.65	9.29	Good
MOBPH	STSS	Winter	6.29	17.50	Good
MOBPH	BTSS	Winter	7.14	9.01	Good
MOBPH	SECCHI	Winter	2.63	90.13	Good
RPPTF	STN	Winter	1.306	47.96	Fair
RPPTF	BTN	Winter	1.340	39.70	Good
RPPTF	SDIN	Winter	0.950	64.64	Poor
RPPTF	BDIN	Winter	0.979	62.34	Poor
RPPTF	STP	Winter	0.086	30.32	Good
RPPTF	BTP	Winter	0.092	31.16	Good
RPPTF	SPO4F	Winter	0.011	22.76	Good
RPPTF	BPO4F	Winter	0.011	23.47	Good
RPPTF	SCHLA	Winter	4.44	61.31	Poor
RPPTF	STSS	Winter	32.00	78.24	Poor
RPPTF	BTSS	Winter	45.00	78.15	Poor
RPPTF	SECCHI	Winter	0.30	10.83	Poor
RPPMH	STN	Winter	0.412	25.76	Good
RPPMH	BTN	Winter	0.480	39.24	Good
RPPMH	SDIN	Winter	0.026	16.21	Good
RPPMH	BDIN	Winter	0.027	24.61	Good
RPPMH	STP	Winter	0.027	43.73	Fair
RPPMH	BTP	Winter	0.038	38.79	Good
RPPMH	SPO4F	Winter	0.005	32.27	Good
RPPMH	BPO4F	Winter	0.004	33.94	Good
RPPMH	SCHLA	Winter	5.84	28.45	Good
RPPMH	STSS	Winter	7.64	36.13	Good
RPPMH	BTSS	Winter	13.39	29.19	Good
RPPMH	SECCHI	Winter	1.35	40.21	Poor
RPPOH	STN	Winter	0.852	58.26	Fair
RPPOH	BTN	Winter	0.867	68.77	Poor
RPPOH	SDIN	Winter	0.804	75.77	Poor
RPPOH	BDIN	Winter	0.761	85.02	Poor
RPPOH	STP	Winter	0.059	54.05	Fair
RPPOH	BTP	Winter	0.069	54.64	Fair
RPPOH	SPO4F	Winter	0.009	33.39	Good
RPPOH	BPO4F	Winter	0.009	31.74	Good
RPPOH	SCHLA	Winter	2.91	12.54	Good
RPPOH	STSS	Winter	32.00	79.64	Poor
RPPOH	BTSS	Winter	34.00	69.54	Poor
RPPOH	SECCHI	Winter	0.45	9.57	Poor

Segment	Parameter	Season	Median	Score	Status
CRRMH	STN	Winter	0.370	24.48	Good
CRRMH	BTN	Winter	0.418	43.37	Fair
CRRMH	SDIN	Winter	0.017	13.17	Good
CRRMH	BDIN	Winter	0.017	17.53	Good
CRRMH	STP	Winter	0.021	32.35	Good
CRRMH	BTP	Winter	0.024	21.46	Good
CRRMH	SPO4F	Winter	0.004	38.51	Good
CRRMH	BPO4F	Winter	0.004	33.94	Good
CRRMH	SCHLA	Winter	3.20	8.15	Good
CRRMH	STSS	Winter	3.00	3.15	Good
CRRMH	BTSS	Winter	3.00	1.56	Good
CRRMH	SECCHI	Winter	3.00	93.73	Good
PIAMH	STN	Winter	0.307	16.47	Good
PIAMH	BTN	Winter	0.324	21.77	Good
PIAMH	SDIN	Winter	0.004	11.69	Good
PIAMH	BDIN	Winter	0.004	15.40	Good
PIAMH	STP	Winter	0.013	16.15	Good
PIAMH	BTP	Winter	0.015	12.40	Good
PIAMH	SPO4F	Winter	0.001	17.95	Good
PIAMH	BPO4F	Winter	0.001	14.60	Good
PIAMH	SCHLA	Winter	3.84	9.86	Good
PIAMH	STSS	Winter	4.82	10.50	Good
PIAMH	BTSS	Winter	7.22	10.40	Good
PIAMH	SECCHI	Winter	2.50	92.14	Good
POCMH	STN	Winter	0.417	43.01	Fair
POCMH	BTN	Winter	0.406	37.80	Good
POCMH	SDIN	Winter	0.004	11.69	Good
POCMH	BDIN	Winter	0.012	19.06	Good
POCMH	STP	Winter	0.019	27.66	Good
POCMH	BTP	Winter	0.021	17.15	Good
POCMH	SPO4F	Winter	0.001	17.95	Good
POCMH	BPO4F	Winter	0.001	14.60	Good
POCMH	SCHLA	Winter	6.19	29.71	Good
POCMH	STSS	Winter	10.94	72.01	Poor
POCMH	BTSS	Winter	11.66	30.43	Good
POCMH	SECCHI	Winter	1.40	31.19	Poor
CB5MH	STN	Winter	0.446	43.72	Fair
CB5MH	BTN	Winter	0.459	53.75	Fair
CB5MH	SDIN	Winter	0.016	14.73	Good
CB5MH	BDIN	Winter	0.016	21.09	Good
CB5MH	STP	Winter	0.016	24.66	Good
CB5MH	BTP	Winter	0.026	23.04	Good
CB5MH	SPO4F	Winter	0.001	17.95	Good
CB5MH	BPO4F	Winter	0.002	20.38	Good
CB5MH	SCHLA	Winter	4.81	18.05	Good
CB5MH	STSS	Winter	4.60	19.30	Good
CB5MH	BTSS	Winter	10.12	20.87	Good
CB5MH	SECCHI	Winter	2.30	82.60	Good
CB6PH	STN	Winter	0.311	17.20	Good
CB6PH	BTN	Winter	0.313	20.10	Good
CB6PH	SDIN	Winter	0.013	14.00	Good
CB6PH	BDIN	Winter	0.012	18.47	Good
CB6PH	STP	Winter	0.013	18.53	Good
CB6PH	BTP	Winter	0.019	15.96	Good
CB6PH	SPO4F	Winter	0.001	17.95	Good
CB6PH	BPO4F	Winter	0.001	14.60	Good
CB6PH	SCHLA	Winter	4.03	11.07	Good
CB6PH	STSS	Winter	5.66	26.12	Good
CB6PH	BTSS	Winter	8.84	18.83	Good
CB6PH	SECCHI	Winter	2.43	87.59	Good

Appendix A.

Continued.

Segment	Parameter	Season	Median	Score	Status
CB7PH	STN	Winter	0.283	14.20	Good
CB7PH	BTN	Winter	0.296	17.18	Good
CB7PH	SDIN	Winter	0.012	14.23	Good
CB7PH	BDIN	Winter	0.015	20.29	Good
CB7PH	STP	Winter	0.015	21.71	Good
CB7PH	BTP	Winter	0.022	17.67	Good
CB7PH	SPO4F	Winter	0.001	17.95	Good
CB7PH	BPO4F	Winter	0.001	14.60	Good
CB7PH	SCHLA	Winter	2.62	6.23	Good
CB7PH	STSS	Winter	6.06	24.85	Good
CB7PH	BTSS	Winter	9.72	28.18	Good
CB7PH	SECCHI	Winter	2.30	87.59	Good
CB8PH	STN	Winter	0.280	13.74	Good
CB8PH	BTN	Winter	0.235	10.97	Good
CB8PH	SDIN	Winter	0.017	15.28	Good
CB8PH	BDIN	Winter	0.018	22.16	Good
CB8PH	STP	Winter	0.018	22.55	Good
CB8PH	BTP	Winter	0.022	21.19	Good
CB8PH	SPO4F	Winter	0.003	28.45	Good
CB8PH	BPO4F	Winter	0.006	50.28	Fair
CB8PH	SCHLA	Winter	3.63	8.47	Good
CB8PH	STSS	Winter	7.14	28.73	Good
CB8PH	BTSS	Winter	10.26	20.78	Good
CB8PH	SECCHI	Winter	2.10	80.46	Good

Appendix B - Section I. Blocked seasonal Kendall Long-term trends in water quality for the Virginia tributaries (1985-2002). Parameters are as follows: STN=Surface total nitrogen, BTN=Bottom total nitrogen, SDIN=Surface dissolved inorganic nitrogen, BDIN=Bottom dissolved inorganic nitrogen, STP=Surface total phosphorus, BTP=Bottom total phosphorus, SPO4F=Surface dissolved inorganic phosphorus, BPO4F=Bottom dissolved inorganic phosphorus.

Segment	Season	Parameter	93			03			Trend		Combined	
			P value	Slope	Direction	P value	Slope	Direction	P value	Comparison	P value	Direction
APPTF	Annual	STN	0.0114	-0.0238	No Trend	0.0239	0.0155	No Trend	0.0006	Different	0.7627	-
APPTF	Annual	BTN	0.1008	-0.0175	No Trend	0.3047	0.0081	No Trend	0.0546	Same	0.6392	No Trend
APPTF	Annual	SDIN	0.2946	-0.0050	No Trend	0.2044	-0.0078	No Trend	0.9266	Same	0.0975	No Trend
APPTF	Annual	BDIN	0.1003	-0.0067	No Trend	0.1326	-0.0093	No Trend	0.9077	Same	0.0244	No Trend
APPTF	Annual	STP	0.7501	0.0000	No Trend	0.7951	0.0003	No Trend	0.9819	Same	0.6658	No Trend
APPTF	Annual	BTP	0.0346	0.0025	No Trend	0.9216	0.0003	No Trend	0.1554	Same	0.1087	No Trend
APPTF	Annual	SPO4F	0.0005	-0.0013	Improving	0.2785	-0.0004	No Trend	0.1157	Same	0.0014	Improving
APPTF	Annual	BPO4F	0.0001	-0.0017	Improving	0.1725	-0.0004	No Trend	0.0850	Same	0.0002	Improving
JMSTF	Annual	STN	0.0001	-0.0483	Improving	0.3862	0.0058	No Trend	0.0007	Different	0.0336	-
JMSTF	Annual	BTN	0.0002	-0.0533	Improving	0.4604	0.0070	No Trend	0.0016	Different	0.0386	-
JMSTF	Annual	SDIN	0.0000	-0.0310	Improving	0.5748	-0.0025	No Trend	0.0051	Different	0.0003	-
JMSTF	Annual	BDIN	0.0000	-0.0392	Improving	0.2235	-0.0050	No Trend	0.0093	Different	0.0000	-
JMSTF	Annual	STP	0.0028	-0.0050	Improving	0.9005	0.0001	No Trend	0.0265	Same	0.0458	No Trend
JMSTF	Annual	BTP	0.0235	-0.0033	No Trend	0.8757	-0.0004	No Trend	0.1464	Same	0.0853	No Trend
JMSTF	Annual	SPO4F	0.0000	-0.0057	Improving	0.2852	-0.0005	No Trend	0.0007	Different	0.0000	-
JMSTF	Annual	BPO4F	0.0000	-0.0033	Improving	0.5388	-0.0002	No Trend	0.0102	Same	0.0005	Improving
CHKOH	Annual	STN	0.0290	-0.0367	No Trend	0.6496	-0.0034	No Trend	0.5158	Same	0.1343	No Trend
CHKOH	Annual	BTN	0.2880	-0.0283	No Trend	0.4170	-0.0090	No Trend	0.8645	Same	0.2107	No Trend
CHKOH	Annual	SDIN	0.0576	0.0000	High BDLs	0.4779	0.0005	No Trend	0.1277	Same	0.8406	No Trend
CHKOH	Annual	BDIN	0.0381	-0.0090	High BDLs	0.8486	0.0000	No Trend	0.4605	Same	0.2562	No Trend
CHKOH	Annual	STP	0.0311	0.0025	No Trend	0.0374	-0.0023	No Trend	0.0040	Different	0.4292	-
CHKOH	Annual	BTP	0.0315	0.0050	No Trend	0.0634	-0.0032	No Trend	0.0071	Different	0.5750	-
CHKOH	Annual	SPO4F	0.1546	0.0000	High BDLs	0.8514	0.0000	No Trend	0.4981	Same	0.7909	No Trend
CHKOH	Annual	BPO4F	0.0335	0.0000	High BDLs	0.6853	0.0000	No Trend	0.2348	Same	0.7064	No Trend
JMSOH	Annual	STN	0.0943	-0.0119	No Trend	1.0000	-0.0004	No Trend	0.2457	Same	0.2280	No Trend
JMSOH	Annual	BTN	0.1169	0.0195	No Trend	0.3274	-0.0116	No Trend	0.0686	Same	0.7023	No Trend
JMSOH	Annual	SDIN	0.0001	-0.0200	Improving	0.6275	0.0024	No Trend	0.0018	Different	0.0165	-
JMSOH	Annual	BDIN	0.0001	-0.0200	Improving	1.0000	0.0001	No Trend	0.0041	Different	0.0048	-
JMSOH	Annual	STP	0.0000	0.0050	Degrading	0.4357	-0.0005	No Trend	0.0005	Different	0.0194	-
JMSOH	Annual	BTP	0.0000	0.0117	Degrading	0.0041	-0.0071	Improving	0.0000	Different	0.0877	-
JMSOH	Annual	SPO4F	0.1452	0.0000	No Trend	0.0155	0.0009	No Trend	0.4550	Same	0.0054	Degrading
JMSOH	Annual	BPO4F	0.4470	0.0000	No Trend	0.0048	0.0010	Degrading	0.1298	Same	0.0093	Degrading
JMSMH	Annual	STN	0.0808	0.0125	No Trend	0.9490	0.0002	No Trend	0.2618	Same	0.2068	No Trend
JMSMH	Annual	BTN	0.0033	0.0188	Degrading	0.2493	0.0078	No Trend	0.2830	Same	0.0045	Degrading
JMSMH	Annual	SDIN	0.5830	-0.0017	No Trend	0.4807	0.0030	No Trend	0.3618	Same	0.9235	No Trend
JMSMH	Annual	BDIN	0.6912	0.0000	No Trend	0.4061	0.0030	No Trend	0.3656	Same	0.7506	No Trend
JMSMH	Annual	STP	0.0000	0.0036	Degrading	1.0000	0.0000	No Trend	0.0011	Different	0.0011	-
JMSMH	Annual	BTP	0.0000	0.0033	Degrading	0.6851	0.0003	No Trend	0.0057	Different	0.0007	-
JMSMH	Annual	SPO4F	0.0020	0.0013	Degrading	0.0306	0.0010	No Trend	0.6479	Same	0.0002	Degrading
JMSMH	Annual	BPO4F	0.0009	0.0006	Degrading	0.0010	0.0009	Degrading	0.8164	Same	0.0000	Degrading
JMSPH	Annual	STN	0.7406	0.0014	No Trend	0.7864	-0.0009	No Trend	0.6549	Same	0.9830	No Trend
JMSPH	Annual	BTN	0.2523	0.0070	No Trend	0.8073	0.0009	No Trend	0.5344	Same	0.3139	No Trend
JMSPH	Annual	SDIN	0.5421	0.0000	High BDLs	0.2655	0.0019	No Trend	0.2142	Same	0.7319	No Trend
JMSPH	Annual	BDIN	0.6873	0.0000	High BDLs	0.2922	0.0017	No Trend	0.6504	Same	0.2903	No Trend
JMSPH	Annual	STP	0.5062	0.0002	No Trend	0.2525	-0.0004	No Trend	0.1932	Same	0.7490	No Trend
JMSPH	Annual	BTP	0.4686	0.0005	No Trend	0.0188	-0.0010	No Trend	0.0281	Same	0.2584	No Trend
JMSPH	Annual	SPO4F	0.2896	0.0000	No Trend	0.8799	0.0000	No Trend	0.3855	Same	0.5436	No Trend
JMSPH	Annual	BPO4F	0.6633	0.0000	No Trend	0.7627	-0.0001	No Trend	0.9482	Same	0.5881	No Trend
ELIPH	Annual	STN	1.0000	0.0000	No Trend	0.0938	0.0102	No Trend	0.1928	Same	0.2091	No Trend
ELIPH	Annual	BTN	1.0000	0.0000	No Trend	0.1156	0.0066	No Trend	0.2234	Same	0.2234	No Trend
ELIPH	Annual	SDIN	0.9426	0.0002	No Trend	0.0326	0.0083	No Trend	0.1165	Same	0.0876	No Trend
ELIPH	Annual	BDIN	0.8504	0.0000	No Trend	0.4888	0.0020	No Trend	0.6892	Same	0.4951	No Trend
ELIPH	Annual	STP	0.8184	0.0000	No Trend	0.8564	0.0000	No Trend	1.0000	Same	0.7560	No Trend
ELIPH	Annual	BTP	0.1060	0.0013	No Trend	0.6089	-0.0005	No Trend	0.1342	Same	0.4809	No Trend
ELIPH	Annual	SPO4F	0.7632	0.0000	No Trend	0.4146	0.0003	No Trend	0.7030	Same	0.4066	No Trend
ELIPH	Annual	BPO4F	0.5036	0.0000	No Trend	0.3200	0.0003	No Trend	0.7882	Same	0.2267	No Trend

Appendix B - Section I. Continued.

Segment	Season	Parameter	93			03			Trend		Combined	
			P value	Slope	Direction	P value	Slope	Direction	P value	Comparison	P value	Direction
PMKTF	Annual	STN	0.9500	0.0000	No Trend	0.0000	0.0288	Degrading	0.0024	Different	0.0015	-
PMKTF	Annual	BTN	0.4911	-0.0050	No Trend	0.0045	0.0219	Degrading	0.0157	Same	0.1833	No Trend
PMKTF	Annual	SDIN	0.7301	-0.0032	No Trend	0.0057	0.0107	Degrading	0.0285	Same	0.0993	No Trend
PMKTF	Annual	BDIN	0.8440	-0.0020	No Trend	0.4137	0.0041	No Trend	0.4639	Same	0.6879	No Trend
PMKTF	Annual	STP	0.0005	0.0025	Degrading	0.0053	0.0020	Degrading	0.4955	Same	0.0000	Degrading
PMKTF	Annual	BTP	0.0000	0.0043	Degrading	0.0480	0.0023	No Trend	0.0454	Same	0.0000	Degrading
PMKTF	Annual	SPO4F	0.0042	0.0000	High BDLs	0.0013	-0.0010	Improving	0.6033	Same	0.0000	Improving
PMKTF	Annual	BPO4F	0.0041	0.0000	High BDLs	0.0016	-0.0010	Improving	0.7033	Same	0.0000	Improving
PMKOH	Annual	STN	0.0012	0.0275	Degrading	0.3181	0.0059	No Trend	0.0794	Same	0.0018	Degrading
PMKOH	Annual	BTN	0.0005	0.0500	Degrading	0.0295	0.0370	No Trend	0.2948	Same	0.0000	Degrading
PMKOH	Annual	SDIN	0.5354	-0.0008	No Trend	0.4390	0.0042	No Trend	0.3166	Same	0.9805	No Trend
PMKOH	Annual	BDIN	0.8888	0.0000	No Trend	0.3024	0.0046	No Trend	0.5495	Same	0.3966	No Trend
PMKOH	Annual	STP	0.0005	0.0063	Degrading	0.3799	-0.0010	No Trend	0.0012	Different	0.0424	-
PMKOH	Annual	BTP	0.0003	0.0175	Degrading	0.7421	0.0010	No Trend	0.0158	Same	0.0036	Degrading
PMKOH	Annual	SPO4F	0.0116	0.0000	No Trend	0.7334	0.0000	No Trend	0.1362	Same	0.0426	No Trend
PMKOH	Annual	BPO4F	0.1884	0.0000	No Trend	0.5419	0.0003	No Trend	0.6872	Same	0.1742	No Trend
MPNTF	Annual	STN	0.8507	0.0005	No Trend	0.0131	0.0185	No Trend	0.1389	Same	0.0705	No Trend
MPNTF	Annual	BTN	0.0156	-0.0130	No Trend	0.0152	0.0127	No Trend	0.0006	Different	0.8603	-
MPNTF	Annual	SDIN	0.5936	0.0023	No Trend	0.0020	0.0083	Degrading	0.0819	Same	0.0107	No Trend
MPNTF	Annual	BDIN	0.7114	0.0008	No Trend	0.0294	0.0063	No Trend	0.2188	Same	0.0705	No Trend
MPNTF	Annual	STP	0.0002	0.0017	Degrading	0.2338	0.0014	No Trend	0.0642	Same	0.0004	Degrading
MPNTF	Annual	BTP	0.0211	0.0013	No Trend	0.1539	0.0019	No Trend	0.4862	Same	0.0072	Degrading
MPNTF	Annual	SPO4F	1.0000	0.0000	High BDLs	0.0001	-0.0015	Improving	0.0031	Different	0.0037	-
MPNTF	Annual	BPO4F	0.0287	0.0000	High BDLs	0.0002	-0.0013	Improving	0.2155	Same	0.0000	Improving
MPNOH	Annual	STN	0.0000	0.0246	Degrading	0.0025	0.0210	Degrading	0.1937	Same	0.0000	Degrading
MPNOH	Annual	BTN	0.0211	0.0218	No Trend	0.9690	-0.0005	No Trend	0.0737	Same	0.0918	No Trend
MPNOH	Annual	SDIN	0.3547	0.0015	No Trend	0.0238	0.0100	No Trend	0.4314	Same	0.0266	No Trend
MPNOH	Annual	BDIN	0.3570	0.0025	No Trend	0.0778	0.0089	No Trend	0.5896	Same	0.0558	No Trend
MPNOH	Annual	STP	0.0000	0.0058	Degrading	0.2554	0.0027	No Trend	0.0119	Same	0.0000	Degrading
MPNOH	Annual	BTP	0.0012	0.0061	Degrading	0.3768	0.0024	No Trend	0.0823	Same	0.0028	Degrading
MPNOH	Annual	SPO4F	0.0603	0.0000	High BDLs	0.2640	0.0004	No Trend	0.6418	Same	0.0332	No Trend
MPNOH	Annual	BPO4F	0.0943	0.0000	High BDLs	0.4630	0.0002	No Trend	0.5453	Same	0.0866	No Trend
YRKMH	Annual	STN	0.0122	0.0200	No Trend	0.0008	0.0164	Degrading	0.6648	Same	0.0000	Degrading
YRKMH	Annual	BTN	0.0010	0.0270	Degrading	0.0570	0.0165	No Trend	0.3539	Same	0.0002	Degrading
YRKMH	Annual	SDIN	0.3716	-0.0017	No Trend	0.3837	0.0046	No Trend	0.2035	Same	0.9610	No Trend
YRKMH	Annual	BDIN	0.5417	-0.0006	No Trend	0.3534	0.0048	No Trend	0.2654	Same	0.8395	No Trend
YRKMH	Annual	STP	0.0000	0.0050	Degrading	0.4145	0.0007	No Trend	0.0001	Different	0.0000	-
YRKMH	Annual	BTP	0.0000	0.0075	Degrading	0.0492	0.0032	No Trend	0.0490	Same	0.0000	Degrading
YRKMH	Annual	SPO4F	0.0000	0.0008	Degrading	0.0033	0.0008	Degrading	0.4596	Same	0.0000	Degrading
YRKMH	Annual	BPO4F	0.0000	0.0010	Degrading	0.0001	0.0010	Degrading	0.9415	Same	0.0000	Degrading
YRKPH	Annual	STN	0.0035	0.0179	Degrading	0.0853	0.0062	No Trend	0.4239	Same	0.0010	Degrading
YRKPH	Annual	BTN	0.0000	0.0333	Degrading	0.4323	0.0035	No Trend	0.0223	Same	0.0005	Degrading
YRKPH	Annual	SDIN	0.1261	-0.0013	No Trend	0.8827	0.0001	No Trend	0.2231	Same	0.3375	No Trend
YRKPH	Annual	BDIN	0.5912	0.0000	No Trend	0.5713	-0.0009	No Trend	0.4209	Same	0.9599	No Trend
YRKPH	Annual	STP	0.0000	0.0029	Degrading	0.1874	0.0011	No Trend	0.0024	Different	0.0000	-
YRKPH	Annual	BTP	0.0000	0.0036	Degrading	0.3687	0.0007	No Trend	0.0004	Different	0.0000	-
YRKPH	Annual	SPO4F	0.0037	0.0000	High BDLs	0.0464	0.0005	No Trend	0.7282	Same	0.0006	Degrading
YRKPH	Annual	BPO4F	0.0104	0.0000	No Trend	0.0471	0.0005	No Trend	0.9400	Same	0.0014	Degrading

Appendix B - Section I. Continued.

Segment	Season	Parameter	93		93	03		03	Trend		Trend	Combined	
			P value	Slope	Direction	P value	Slope		P value	Comparison		P value	Direction
RPPTF	Annual	STN	0.3813	-0.0089	No Trend	0.0115	0.0120	No Trend	0.0155	Same	0.2572	No Trend	
RPPTF	Annual	BTN	0.0187	-0.0215	No Trend	0.0372	0.0128	No Trend	0.0016	Different	0.8924	-	
RPPTF	Annual	SDIN	0.1096	0.0113	No Trend	0.6884	0.0010	No Trend	0.4157	Same	0.1528	No Trend	
RPPTF	Annual	BDIN	0.0489	0.0100	No Trend	0.9507	-0.0007	No Trend	0.1530	Same	0.1953	No Trend	
RPPTF	Annual	STP	0.0808	0.0007	No Trend	0.3303	-0.0007	No Trend	0.0515	Same	0.5983	No Trend	
RPPTF	Annual	BTP	0.3526	0.0007	No Trend	0.6493	-0.0006	No Trend	0.3154	Same	0.7494	No Trend	
RPPTF	Annual	SPO4F	0.6364	0.0000	High BDLs	0.0000	-0.0008	Improving	0.0000	Different	0.0004	-	
RPPTF	Annual	BPO4F	0.7403	0.0000	High BDLs	0.0000	-0.0008	Improving	0.0003	Different	0.0001	-	
RPPMH	Annual	STN	0.0235	0.0100	No Trend	0.3206	-0.0023	No Trend	0.0205	Same	0.3906	No Trend	
RPPMH	Annual	BTN	0.0009	0.0149	Degrading	0.0979	-0.0095	No Trend	0.0004	Different	0.2498	-	
RPPMH	Annual	SDIN	0.0037	-0.0050	Improving	0.9759	0.0000	No Trend	0.0495	Same	0.0402	No Trend	
RPPMH	Annual	BDIN	0.2307	-0.0008	No Trend	0.1756	-0.0027	No Trend	0.9144	Same	0.0676	No Trend	
RPPMH	Annual	STP	0.0000	0.0020	Degrading	0.2919	-0.0005	No Trend	0.0000	Different	0.0093	-	
RPPMH	Annual	BTP	0.0045	0.0015	Degrading	0.5274	-0.0006	No Trend	0.0140	Same	0.1314	No Trend	
RPPMH	Annual	SPO4F	0.8505	0.0000	High BDLs	0.6906	0.0000	No Trend	0.6399	Same	0.8044	No Trend	
RPPMH	Annual	BPO4F	0.1538	0.0000	High BDLs	0.7836	0.0000	No Trend	0.6696	Same	0.3370	No Trend	
RPPOH	Annual	STN	0.2225	0.0133	No Trend	0.6515	0.0070	No Trend	0.5899	Same	0.2253	No Trend	
RPPOH	Annual	BTN	0.0064	0.0275	Degrading	0.7436	0.0023	No Trend	0.0925	Same	0.0286	No Trend	
RPPOH	Annual	SDIN	0.0211	-0.0086	No Trend	0.7753	0.0000	No Trend	0.1586	Same	0.0632	No Trend	
RPPOH	Annual	BDIN	0.0046	-0.0100	Improving	0.6060	-0.0004	No Trend	0.1120	Same	0.0177	No Trend	
RPPOH	Annual	STP	0.0001	0.0050	Degrading	0.1185	-0.0020	No Trend	0.0001	Different	0.0820	-	
RPPOH	Annual	BTP	0.0000	0.0070	Degrading	0.1249	-0.0040	No Trend	0.0000	Different	0.0221	-	
RPPOH	Annual	SPO4F	0.4892	0.0000	High BDLs	0.2289	-0.0002	No Trend	0.5138	Same	0.1571	No Trend	
RPPOH	Annual	BPO4F	0.1177	0.0000	High BDLs	0.1988	-0.0003	No Trend	0.8284	Same	0.0510	No Trend	
CRRMH	Annual	STN	0.0776	0.0121	No Trend	0.9726	-0.0001	No Trend	0.2144	Same	0.2542	No Trend	
CRRMH	Annual	BTN	0.0109	0.0200	No Trend	0.1234	-0.0078	No Trend	0.0045	Different	0.6631	-	
CRRMH	Annual	SDIN	0.0007	-0.0050	High BDLs	0.0976	-0.0006	No Trend	0.1308	Same	0.0002	Improving	
CRRMH	Annual	BDIN	0.0496	-0.0017	High BDLs	0.2842	-0.0007	No Trend	0.5956	Same	0.0315	No Trend	
CRRMH	Annual	STP	0.0000	0.0013	Degrading	0.4793	-0.0003	No Trend	0.0001	Different	0.0048	-	
CRRMH	Annual	BTP	0.0000	0.0017	Degrading	0.1792	-0.0010	No Trend	0.0001	Different	0.0395	-	
CRRMH	Annual	SPO4F	0.6865	0.0000	High BDLs	0.4599	0.0000	No Trend	0.3826	Same	0.6624	No Trend	
CRRMH	Annual	BPO4F	0.2846	0.0000	High BDLs	0.6592	0.0000	No Trend	0.3375	Same	0.8845	No Trend	

Appendix B - Section I. Continued.

Segment	Season	Parameter	93			03			Trend Comparison		Combined	
			Trend P value	93 Slope	93 Direction	Trend P value	03 Slope	03 Direction	Trend P value	Comparison	Trend P value	Combined Direction
APPTF	Fall	STN	0.3346	-0.0175	No Trend	0.5453	0.0138	No Trend	0.2386	Same	0.7414	No Trend
APPTF	Fall	BTN	0.8567	-0.0044	No Trend	0.5453	0.0133	No Trend	0.5720	Same	0.8506	No Trend
APPTF	Fall	SDIN	0.7157	-0.0050	No Trend	0.6390	0.0063	No Trend	0.5288	Same	1.0000	No Trend
APPTF	Fall	BDIN	0.7175	-0.0029	No Trend	0.9466	0.0033	No Trend	0.7199	Same	0.8577	No Trend
APPTF	Fall	STP	0.6295	0.0019	No Trend	0.5732	0.0017	No Trend	1.0000	Same	0.4362	No Trend
APPTF	Fall	BTP	0.2270	0.0053	No Trend	0.7782	0.0009	No Trend	0.4916	Same	0.2517	No Trend
APPTF	Fall	SPO4F	0.0795	-0.0017	High BDLs	0.4202	-0.0008	No Trend	0.4921	Same	0.0604	No Trend
APPTF	Fall	BPO4F	0.1308	-0.0009	High BDLs	0.0924	-0.0018	No Trend	1.0000	Same	0.0215	No Trend
JMSTF	Fall	STN	0.2528	-0.0446	No Trend	0.9431	-0.0012	No Trend	0.4339	Same	0.3337	No Trend
JMSTF	Fall	BTN	0.6295	-0.0369	No Trend	0.2840	0.0227	No Trend	0.2688	Same	0.7822	No Trend
JMSTF	Fall	SDIN	0.0400	-0.0365	No Trend	0.6575	-0.0050	No Trend	0.2557	Same	0.0664	No Trend
JMSTF	Fall	BDIN	0.0254	-0.0463	No Trend	0.1627	-0.0078	No Trend	0.5402	Same	0.0087	Improving
JMSTF	Fall	STP	0.6295	-0.0050	No Trend	0.7882	0.0007	No Trend	0.5597	Same	0.8929	No Trend
JMSTF	Fall	BTP	0.3631	-0.0046	No Trend	0.0801	0.0057	No Trend	0.0585	Same	0.6523	No Trend
JMSTF	Fall	SPO4F	0.0239	-0.0050	No Trend	0.0873	-0.0015	No Trend	0.6924	Same	0.0043	Improving
JMSTF	Fall	BPO4F	0.0160	-0.0033	No Trend	0.2797	-0.0011	No Trend	0.3521	Same	0.0115	No Trend
CHKOH	Fall	STN	0.9131	0.0100	No Trend	0.1736	-0.0193	No Trend	0.2140	Same	0.3201	No Trend
CHKOH	Fall	BTN	0.8283	0.0063	No Trend	0.4043	-0.0233	No Trend	0.3843	Same	0.6191	No Trend
CHKOH	Fall	SDIN	0.1969	-0.0125	High BDLs	0.7376	-0.0142	No Trend	0.7711	Same	0.3226	No Trend
CHKOH	Fall	BDIN	0.0594	-0.0200	High BDLs	0.5464	-0.0130	No Trend	0.6881	Same	0.1215	No Trend
CHKOH	Fall	STP	0.2665	0.0025	No Trend	0.3242	-0.0019	No Trend	0.1370	Same	0.8584	No Trend
CHKOH	Fall	BTP	0.2245	0.0040	No Trend	0.8880	0.0010	No Trend	0.6348	Same	0.4058	No Trend
CHKOH	Fall	SPO4F	0.4990	0.0000	High BDLs	0.5428	0.0004	No Trend	0.3794	Same	0.8017	No Trend
CHKOH	Fall	BPO4F	0.2801	0.0000	High BDLs	0.4590	0.0006	No Trend	0.2411	Same	0.8531	No Trend
JMSOH	Fall	STN	0.1041	-0.0208	No Trend	0.6390	0.0054	No Trend	0.1170	Same	0.3949	No Trend
JMSOH	Fall	BTN	0.9520	-0.0010	No Trend	0.7376	0.0092	No Trend	0.7539	Same	0.8931	No Trend
JMSOH	Fall	SDIN	0.0620	-0.0359	No Trend	0.6735	0.0045	No Trend	0.0969	Same	0.3276	No Trend
JMSOH	Fall	BDIN	0.0159	-0.0302	No Trend	0.9520	0.0004	No Trend	0.0736	Same	0.1055	No Trend
JMSOH	Fall	STP	0.3607	0.0025	No Trend	0.7515	0.0008	No Trend	0.6927	Same	0.3565	No Trend
JMSOH	Fall	BTP	0.0620	0.0088	No Trend	0.6575	-0.0021	No Trend	0.0888	Same	0.3156	No Trend
JMSOH	Fall	SPO4F	0.5997	0.0000	No Trend	0.1151	0.0009	No Trend	0.4492	Same	0.1192	No Trend
JMSOH	Fall	BPO4F	0.4414	0.0000	No Trend	0.0077	0.0014	Degrading	0.1721	Same	0.0120	No Trend
JMSMH	Fall	STN	0.9431	0.0047	No Trend	0.6390	0.0041	No Trend	0.8069	Same	0.6600	No Trend
JMSMH	Fall	BTN	0.5727	-0.0073	No Trend	0.3836	0.0116	No Trend	0.2792	Same	0.7967	No Trend
JMSMH	Fall	SDIN	0.1521	-0.0277	No Trend	0.6735	0.0046	No Trend	0.1970	Same	0.5803	No Trend
JMSMH	Fall	BDIN	0.1958	-0.0243	No Trend	1.0000	-0.0004	No Trend	0.4251	Same	0.4251	No Trend
JMSMH	Fall	STP	0.6041	0.0000	No Trend	0.9495	0.0002	No Trend	0.7858	Same	0.6506	No Trend
JMSMH	Fall	BTP	0.6500	0.0000	No Trend	0.5679	0.0006	No Trend	0.9638	Same	0.4408	No Trend
JMSMH	Fall	SPO4F	0.0757	0.0018	No Trend	0.1041	0.0013	No Trend	1.0000	Same	0.0146	No Trend
JMSMH	Fall	BPO4F	0.0383	0.0017	No Trend	0.1478	0.0016	No Trend	0.8203	Same	0.0125	No Trend
JMSPH	Fall	STN	0.5880	-0.0041	No Trend	0.9520	0.0009	No Trend	0.6396	Same	0.7657	No Trend
JMSPH	Fall	BTN	0.5873	0.0052	No Trend	0.6735	-0.0035	No Trend	0.4689	Same	0.9660	No Trend
JMSPH	Fall	SDIN	0.4693	-0.0069	No Trend	0.9520	0.0024	No Trend	0.5509	Same	0.6701	No Trend
JMSPH	Fall	BDIN	0.5465	-0.0035	No Trend	0.2062	0.0035	No Trend	0.1728	Same	0.6701	No Trend
JMSPH	Fall	STP	0.5063	0.0006	No Trend	0.2278	-0.0007	No Trend	0.1720	Same	0.7328	No Trend
JMSPH	Fall	BTP	0.8562	0.0004	No Trend	0.1662	-0.0010	No Trend	0.2496	Same	0.4178	No Trend
JMSPH	Fall	SPO4F	0.4677	-0.0006	No Trend	0.8567	0.0002	No Trend	0.4947	Same	0.7328	No Trend
JMSPH	Fall	BPO4F	0.8084	-0.0001	No Trend	0.0620	0.0003	No Trend	0.1241	Same	0.2667	No Trend
ELIPH	Fall	STN	0.3244	-0.0255	No Trend	0.7515	0.0028	No Trend	0.3558	Same	0.7337	No Trend
ELIPH	Fall	BTN	0.5956	0.0150	No Trend	0.8493	-0.0009	No Trend	0.5929	Same	0.8841	No Trend
ELIPH	Fall	SDIN	0.6501	-0.0058	No Trend	0.7634	0.0053	No Trend	0.5720	Same	1.0000	No Trend
ELIPH	Fall	BDIN	0.8798	-0.0025	No Trend	0.2528	0.0045	No Trend	0.3002	Same	0.4512	No Trend
ELIPH	Fall	STP	0.8481	0.0003	No Trend	0.7630	-0.0001	No Trend	0.6932	Same	0.9650	No Trend
ELIPH	Fall	BTP	0.2751	0.0012	No Trend	0.5880	-0.0006	No Trend	0.2358	Same	0.7586	No Trend
ELIPH	Fall	SPO4F	0.0600	0.0016	No Trend	1.0000	0.0001	No Trend	0.2090	Same	0.2090	No Trend
ELIPH	Fall	BPO4F	0.0245	0.0010	No Trend	0.5880	0.0004	No Trend	0.2994	Same	0.0524	No Trend

Appendix B - Section I. Continued.

Segment	Season	Parameter	93			03			Trend		Combined	
			Trend	Slope	Direction	Trend	Slope	Direction	P value	Comparison	Trend	Direction
PMKTF	Fall	STN	0.7515	-0.0051	No Trend	0.2897	0.0097	No Trend	0.3141	Same	0.6473	No Trend
PMKTF	Fall	BTN	0.2884	-0.0100	No Trend	0.1856	0.0184	No Trend	0.0818	Same	0.8467	No Trend
PMKTF	Fall	SDIN	0.1436	-0.0100	No Trend	0.9495	0.0007	No Trend	0.2620	Same	0.3460	No Trend
PMKTF	Fall	BDIN	0.3981	-0.0083	No Trend	0.7028	-0.0024	No Trend	0.8135	Same	0.3699	No Trend
PMKTF	Fall	STP	0.0179	0.0037	No Trend	0.3969	0.0011	No Trend	0.2683	Same	0.0184	No Trend
PMKTF	Fall	BTP	0.0156	0.0033	No Trend	0.2301	0.0020	No Trend	0.4458	Same	0.0095	Degrading
PMKTF	Fall	SPO4F	0.3651	0.0000	High BDLs	0.0008	-0.0020	Improving	0.0670	Same	0.0017	Improving
PMKTF	Fall	BPO4F	0.0299	-0.0007	High BDLs	0.0042	-0.0019	Improving	0.4315	Same	0.0003	Improving
PMKOH	Fall	STN	0.0973	0.0350	No Trend	0.0910	0.0235	No Trend	1.0000	Same	0.0158	No Trend
PMKOH	Fall	BTN	0.0112	0.0520	No Trend	0.0346	0.0620	No Trend	0.8034	Same	0.0008	Degrading
PMKOH	Fall	SDIN	0.0833	-0.0070	No Trend	0.6162	0.0081	No Trend	0.0972	Same	0.3800	No Trend
PMKOH	Fall	BDIN	0.3957	-0.0057	No Trend	0.3148	0.0111	No Trend	0.1730	Same	0.9225	No Trend
PMKOH	Fall	STP	0.0137	0.0100	No Trend	0.4497	-0.0027	No Trend	0.0164	Same	0.1938	No Trend
PMKOH	Fall	BTP	0.0192	0.0200	No Trend	0.2246	0.0043	No Trend	0.4502	Same	0.0103	No Trend
PMKOH	Fall	SPO4F	0.8326	0.0000	No Trend	0.8383	0.0000	No Trend	1.0000	Same	0.7319	No Trend
PMKOH	Fall	BPO4F	0.8137	0.0000	No Trend	0.3815	0.0009	No Trend	0.6455	Same	0.3848	No Trend
MPNTF	Fall	STN	1.0000	-0.0004	No Trend	0.5687	0.0069	No Trend	0.6540	Same	0.7199	No Trend
MPNTF	Fall	BTN	0.0396	-0.0214	No Trend	0.0853	0.0178	No Trend	0.0067	Different	0.9229	-
MPNTF	Fall	SDIN	1.0000	0.0000	No Trend	0.2289	0.0058	No Trend	0.3934	Same	0.3934	No Trend
MPNTF	Fall	BDIN	0.8314	-0.0010	No Trend	0.4860	0.0044	No Trend	0.4785	Same	0.7409	No Trend
MPNTF	Fall	STP	0.1148	0.0023	No Trend	0.7376	0.0010	No Trend	0.3984	Same	0.1593	No Trend
MPNTF	Fall	BTP	0.3970	0.0000	No Trend	0.1064	0.0027	No Trend	0.5952	Same	0.0709	No Trend
MPNTF	Fall	SPO4F	0.5571	0.0000	High BDLs	0.0218	-0.0019	No Trend	0.1939	Same	0.0304	No Trend
MPNTF	Fall	BPO4F	0.1474	0.0000	High BDLs	0.0063	-0.0019	Improving	0.2311	Same	0.0020	Improving
MPNOH	Fall	STN	0.0131	0.0292	No Trend	0.0853	0.0210	No Trend	0.5822	Same	0.0025	Degrading
MPNOH	Fall	BTN	0.0060	0.0345	Degrading	0.6805	0.0040	No Trend	0.1031	Same	0.0214	No Trend
MPNOH	Fall	SDIN	0.4411	-0.0042	No Trend	0.1336	0.0109	No Trend	0.1045	Same	0.7025	No Trend
MPNOH	Fall	BDIN	0.7364	-0.0050	No Trend	0.1827	0.0109	No Trend	0.2125	Same	0.4885	No Trend
MPNOH	Fall	STP	0.0272	0.0065	No Trend	0.2029	0.0054	No Trend	0.5138	Same	0.0118	No Trend
MPNOH	Fall	BTP	0.0909	0.0050	No Trend	0.1593	0.0056	No Trend	0.8864	Same	0.0253	No Trend
MPNOH	Fall	SPO4F	1.0000	0.0000	No Trend	0.3080	0.0013	No Trend	0.4239	Same	0.4805	No Trend
MPNOH	Fall	BPO4F	0.6501	0.0000	No Trend	0.5240	0.0010	No Trend	0.8838	Same	0.4076	No Trend
YRKMH	Fall	STN	0.2265	0.0217	No Trend	0.3242	0.0103	No Trend	0.9589	Same	0.1102	No Trend
YRKMH	Fall	BTN	0.0753	0.0257	No Trend	0.1213	0.0218	No Trend	1.0000	Same	0.0169	No Trend
YRKMH	Fall	SDIN	0.4043	-0.0075	No Trend	0.2029	0.0111	No Trend	0.1196	Same	0.7252	No Trend
YRKMH	Fall	BDIN	0.5178	-0.0050	No Trend	0.1232	0.0115	No Trend	0.0987	Same	0.4701	No Trend
YRKMH	Fall	STP	0.0000	0.0063	Degrading	0.7730	0.0001	No Trend	0.0015	Different	0.0003	-
YRKMH	Fall	BTP	0.0000	0.0087	Degrading	0.0538	0.0065	No Trend	0.0950	Same	0.0000	Degrading
YRKMH	Fall	SPO4F	0.0227	0.0017	No Trend	0.0520	0.0025	No Trend	0.8154	Same	0.0024	Degrading
YRKMH	Fall	BPO4F	0.0070	0.0025	Degrading	0.0939	0.0025	No Trend	0.5317	Same	0.0018	Degrading
YRKPH	Fall	STN	0.0187	0.0221	No Trend	0.0639	0.0081	No Trend	1.0000	Same	0.0029	Degrading
YRKPH	Fall	BTN	0.0125	0.0200	No Trend	0.1590	0.0035	No Trend	0.5959	Same	0.0058	Degrading
YRKPH	Fall	SDIN	0.0744	-0.0107	No Trend	0.5687	0.0033	No Trend	0.1102	Same	0.5492	No Trend
YRKPH	Fall	BDIN	0.5727	-0.0050	No Trend	0.8490	-0.0007	No Trend	0.8811	Same	0.5834	No Trend
YRKPH	Fall	STP	0.0023	0.0050	Degrading	0.0704	0.0025	No Trend	0.3568	Same	0.0005	Degrading
YRKPH	Fall	BTP	0.0023	0.0040	Degrading	0.2289	0.0023	No Trend	0.2478	Same	0.0027	Degrading
YRKPH	Fall	SPO4F	0.3764	0.0013	No Trend	0.2534	0.0010	No Trend	0.8527	Same	0.1375	No Trend
YRKPH	Fall	BPO4F	0.1051	0.0013	No Trend	0.2807	0.0009	No Trend	0.8475	Same	0.0545	No Trend

Appendix B - Section I. Continued.

Segment	Season	Parameter	93			03			Trend		Combined	
			P value	Slope	Direction	P value	Slope	Direction	P value	Comparison	P value	Direction
RPPTF	Fall	STN	0.0913	-0.0302	No Trend	0.3542	0.0138	No Trend	0.0553	Same	0.5623	No Trend
RPPTF	Fall	BTN	0.0536	-0.0336	No Trend	0.0853	0.0234	No Trend	0.0085	Different	0.8236	-
RPPTF	Fall	SDIN	0.6718	-0.0055	No Trend	0.7515	0.0083	No Trend	0.5695	Same	0.9651	No Trend
RPPTF	Fall	BDIN	0.6289	-0.0100	No Trend	0.7515	0.0111	No Trend	0.5405	Same	0.9303	No Trend
RPPTF	Fall	STP	0.0813	0.0027	No Trend	0.9466	-0.0001	No Trend	0.1712	Same	0.2357	No Trend
RPPTF	Fall	BTP	1.0000	0.0000	No Trend	0.6870	0.0017	No Trend	0.8213	Same	0.7518	No Trend
RPPTF	Fall	SPO4F	0.7362	0.0000	High BDLs	0.4445	-0.0004	No Trend	0.3877	Same	0.7221	No Trend
RPPTF	Fall	BPO4F	0.7362	0.0000	High BDLs	0.6117	-0.0004	No Trend	0.5100	Same	0.8792	No Trend
RPPMH	Fall	STN	0.4671	-0.0045	No Trend	0.7634	0.0012	No Trend	0.4421	Same	0.7978	No Trend
RPPMH	Fall	BTN	0.9516	0.0000	No Trend	1.0000	0.0000	No Trend	0.9659	Same	0.9659	No Trend
RPPMH	Fall	SDIN	0.0169	-0.0115	High BDLs	0.5079	0.0013	No Trend	0.0286	Same	0.2464	No Trend
RPPMH	Fall	BDIN	0.1379	-0.0080	High BDLs	0.7634	0.0008	No Trend	0.1957	Same	0.4376	No Trend
RPPMH	Fall	STP	0.0074	0.0019	Degrading	0.8567	0.0003	No Trend	0.0915	Same	0.0420	No Trend
RPPMH	Fall	BTP	0.1379	0.0013	No Trend	0.2528	0.0013	No Trend	0.8630	Same	0.0578	No Trend
RPPMH	Fall	SPO4F	0.7642	0.0000	High BDLs	0.4607	-0.0001	No Trend	0.4021	Same	0.6753	No Trend
RPPMH	Fall	BPO4F	0.2016	0.0000	High BDLs	0.4660	-0.0001	No Trend	0.1610	Same	0.8847	No Trend
RPPOH	Fall	STN	0.9040	0.0055	No Trend	1.0000	0.0070	No Trend	0.9644	Same	0.8936	No Trend
RPPOH	Fall	BTN	0.1324	0.0243	No Trend	0.4813	0.0176	No Trend	0.5218	Same	0.0995	No Trend
RPPOH	Fall	SDIN	0.3346	-0.0154	No Trend	0.2797	-0.0022	No Trend	1.0000	Same	0.1368	No Trend
RPPOH	Fall	BDIN	0.3062	-0.0150	No Trend	0.3836	-0.0123	No Trend	0.8931	Same	0.1651	No Trend
RPPOH	Fall	STP	0.0212	0.0059	No Trend	0.9463	-0.0002	No Trend	0.0715	Same	0.1048	No Trend
RPPOH	Fall	BTP	0.0338	0.0067	No Trend	0.8234	0.0008	No Trend	0.1451	Same	0.0668	No Trend
RPPOH	Fall	SPO4F	0.5367	0.0000	High BDLs	0.5656	-0.0006	No Trend	0.9136	Same	0.3853	No Trend
RPPOH	Fall	BPO4F	0.2874	0.0000	High BDLs	0.8383	0.0000	No Trend	0.6377	Same	0.3738	No Trend
CRRMH	Fall	STN	0.8666	0.0000	No Trend	0.7511	-0.0015	No Trend	0.6864	Same	0.9540	No Trend
CRRMH	Fall	BTN	0.6552	0.0143	No Trend	0.3643	0.0060	No Trend	0.7292	Same	0.2990	No Trend
CRRMH	Fall	SDIN	0.1962	-0.0050	High BDLs	0.0527	-0.0009	No Trend	0.8930	Same	0.0222	No Trend
CRRMH	Fall	BDIN	0.1703	-0.0050	High BDLs	0.6851	-0.0003	No Trend	0.5850	Same	0.2026	No Trend
CRRMH	Fall	STP	0.0042	0.0013	Degrading	0.9322	-0.0002	No Trend	0.0183	Same	0.0316	No Trend
CRRMH	Fall	BTP	0.0075	0.0017	Degrading	0.2933	0.0008	No Trend	0.2287	Same	0.0062	Degrading
CRRMH	Fall	SPO4F	0.7473	0.0000	High BDLs	0.0713	-0.0002	No Trend	0.2289	Same	0.0873	No Trend
CRRMH	Fall	BPO4F	1.0000	0.0000	High BDLs	0.4097	0.0000	No Trend	0.5201	Same	0.4402	No Trend

Appendix B - Section I. Continued.

Segment	Season	Parameter	93			03			Trend		Combined	
			Trend P value	Slope	Direction	Trend P value	Slope	Direction	P value	Comparison	Trend P value	Direction
APPTF	SAV1	STN	0.0098	-0.0340	Improving	0.3933	0.0136	No Trend	0.0117	Same	0.1865	No Trend
APPTF	SAV1	BTN	0.0401	-0.0242	No Trend	0.8603	0.0015	No Trend	0.0963	Same	0.1719	No Trend
APPTF	SAV1	SDIN	0.6861	-0.0024	No Trend	0.0238	-0.0142	No Trend	0.2401	Same	0.0661	No Trend
APPTF	SAV1	BDIN	0.4441	-0.0046	No Trend	0.0247	-0.0147	No Trend	0.3568	Same	0.0348	No Trend
APPTF	SAV1	STP	0.1941	-0.0020	No Trend	0.8369	-0.0005	No Trend	0.4524	Same	0.2721	No Trend
APPTF	SAV1	BTP	0.4609	0.0009	No Trend	0.9672	-0.0003	No Trend	0.5615	Same	0.6423	No Trend
APPTF	SAV1	SPO4F	0.0413	-0.0007	High BDLs	0.6188	-0.0002	No Trend	0.3080	Same	0.0720	No Trend
APPTF	SAV1	BPO4F	0.0053	-0.0013	Improving	0.9336	0.0000	No Trend	0.0422	Same	0.0640	No Trend
JMSTF	SAV1	STN	0.0000	-0.0513	Improving	0.6933	0.0015	No Trend	0.0025	Different	0.0037	-
JMSTF	SAV1	BTN	0.0001	-0.0550	Improving	0.7111	-0.0056	No Trend	0.0096	Different	0.0015	-
JMSTF	SAV1	SDIN	0.0000	-0.0358	Improving	0.2515	-0.0058	No Trend	0.0089	Different	0.0000	-
JMSTF	SAV1	BDIN	0.0000	-0.0438	Improving	0.1398	-0.0100	No Trend	0.0082	Different	0.0000	-
JMSTF	SAV1	STP	0.0020	-0.0050	Improving	0.6933	-0.0006	No Trend	0.0636	Same	0.0134	No Trend
JMSTF	SAV1	BTP	0.0255	-0.0038	No Trend	0.0897	-0.0042	No Trend	0.7555	Same	0.0051	Improving
JMSTF	SAV1	SPO4F	0.0000	-0.0050	Improving	0.7823	0.0001	No Trend	0.0006	Different	0.0029	-
JMSTF	SAV1	BPO4F	0.0087	-0.0014	Improving	0.2492	0.0004	No Trend	0.0075	Different	0.3428	-
CHKOH	SAV1	STN	0.0546	-0.0375	No Trend	0.7733	-0.0030	No Trend	0.4985	Same	0.2125	No Trend
CHKOH	SAV1	BTN	0.7753	-0.0150	No Trend	0.8048	-0.0029	No Trend	0.9715	Same	0.6948	No Trend
CHKOH	SAV1	SDIN	0.4664	0.0000	High BDLs	0.0174	0.0017	No Trend	0.0131	Same	0.0836	No Trend
CHKOH	SAV1	BDIN	0.4344	0.0000	High BDLs	0.1843	0.0010	No Trend	0.1151	Same	0.4416	No Trend
CHKOH	SAV1	STP	0.1175	0.0020	No Trend	0.0639	-0.0027	No Trend	0.0160	Same	0.3951	No Trend
CHKOH	SAV1	BTP	0.0622	0.0063	No Trend	0.1165	-0.0037	No Trend	0.0205	Same	0.6736	No Trend
CHKOH	SAV1	SPO4F	0.3681	0.0000	High BDLs	0.2015	0.0004	No Trend	0.1230	Same	0.3869	No Trend
CHKOH	SAV1	BPO4F	0.0599	0.0000	High BDLs	0.0609	0.0003	No Trend	0.0132	Same	0.3179	No Trend
JMSOH	SAV1	STN	0.4530	-0.0050	No Trend	0.3143	0.0059	No Trend	0.2046	Same	0.8879	No Trend
JMSOH	SAV1	BTN	0.0535	0.0221	No Trend	0.7473	0.0063	No Trend	0.2599	Same	0.1023	No Trend
JMSOH	SAV1	SDIN	0.0020	-0.0173	Improving	0.0150	0.0123	No Trend	0.0001	Different	0.5611	-
JMSOH	SAV1	BDIN	0.0031	-0.0154	Improving	0.0493	0.0125	No Trend	0.0004	Different	0.4169	-
JMSOH	SAV1	STP	0.0001	0.0050	Degrading	0.8130	-0.0003	No Trend	0.0040	Different	0.0128	-
JMSOH	SAV1	BTP	0.0000	0.0104	Degrading	0.0640	-0.0047	No Trend	0.0000	Different	0.0787	-
JMSOH	SAV1	SPO4F	0.0083	0.0007	Degrading	0.0001	0.0015	Degrading	0.2744	Same	0.0000	Degrading
JMSOH	SAV1	BPO4F	0.1579	0.0000	No Trend	0.0003	0.0014	Degrading	0.1024	Same	0.0003	Degrading
JMSMH	SAV1	STN	0.0285	0.0167	No Trend	0.0641	0.0104	No Trend	0.8819	Same	0.0039	Degrading
JMSMH	SAV1	BTN	0.0004	0.0250	Degrading	0.0095	0.0176	Degrading	0.5929	Same	0.0000	Degrading
JMSMH	SAV1	SDIN	0.9656	0.0000	No Trend	0.0598	0.0101	No Trend	0.2081	Same	0.1671	No Trend
JMSMH	SAV1	BDIN	0.8283	0.0000	No Trend	0.0592	0.0058	No Trend	0.2397	Same	0.1242	No Trend
JMSMH	SAV1	STP	0.0000	0.0050	Degrading	0.2874	0.0016	No Trend	0.0098	Different	0.0000	-
JMSMH	SAV1	BTP	0.0000	0.0050	Degrading	0.1147	0.0026	No Trend	0.0172	Same	0.0000	Degrading
JMSMH	SAV1	SPO4F	0.0054	0.0017	Degrading	0.0129	0.0014	No Trend	0.9096	Same	0.0002	Degrading
JMSMH	SAV1	BPO4F	0.0018	0.0014	Degrading	0.0031	0.0015	Degrading	1.0000	Same	0.0000	Degrading
JMSPH	SAV1	STN	0.4079	0.0059	No Trend	0.4537	0.0028	No Trend	0.9778	Same	0.2531	No Trend
JMSPH	SAV1	BTN	0.2215	0.0083	No Trend	0.0486	0.0080	No Trend	0.6320	Same	0.0225	No Trend
JMSPH	SAV1	SDIN	0.4254	0.0031	No Trend	0.0104	0.0037	No Trend	0.2176	Same	0.0160	No Trend
JMSPH	SAV1	BDIN	0.3369	0.0011	High BDLs	0.0762	0.0030	No Trend	0.5745	Same	0.0494	No Trend
JMSPH	SAV1	STP	0.1430	0.0008	No Trend	0.9059	0.0001	No Trend	0.3567	Same	0.2522	No Trend
JMSPH	SAV1	BTP	0.0580	0.0012	No Trend	0.5809	-0.0002	No Trend	0.0787	Same	0.3571	No Trend
JMSPH	SAV1	SPO4F	1.0000	0.0000	High BDLs	0.2513	0.0003	No Trend	0.4115	Same	0.4115	No Trend
JMSPH	SAV1	BPO4F	0.6873	0.0000	High BDLs	0.8124	0.0001	No Trend	0.6315	Same	0.9325	No Trend
ELIPH	SAV1	STN	0.4414	0.0080	No Trend	0.0176	0.0143	No Trend	0.2174	Same	0.0205	No Trend
ELIPH	SAV1	BTN	0.2526	0.0117	No Trend	0.0019	0.0147	Degrading	0.1098	Same	0.0017	Degrading
ELIPH	SAV1	SDIN	0.4974	0.0032	No Trend	0.0302	0.0123	No Trend	0.2465	Same	0.0349	No Trend
ELIPH	SAV1	BDIN	0.3168	0.0051	No Trend	0.1935	0.0045	No Trend	0.7383	Same	0.0948	No Trend
ELIPH	SAV1	STP	0.1659	0.0004	No Trend	0.2219	0.0006	No Trend	0.9548	Same	0.0616	No Trend
ELIPH	SAV1	BTP	0.1041	0.0016	No Trend	0.4079	0.0011	No Trend	0.6106	Same	0.0795	No Trend
ELIPH	SAV1	SPO4F	0.7742	0.0000	No Trend	0.0403	0.0011	No Trend	0.2112	Same	0.0882	No Trend
ELIPH	SAV1	BPO4F	0.5596	0.0000	No Trend	0.0445	0.0011	No Trend	0.3026	Same	0.0588	No Trend

Appendix B - Section I. Continued.

Segment	Season	Parameter	93		93 Trend Direction	03		03 Trend Direction	Trend		Combined	
			P value	Slope		P value	Slope		P value	Comparison	P value	Trend
PMKTF	SAV1	STN	0.7822	0.0017	No Trend	0.0001	0.0377	Degrading	0.0191	Same	0.0048	Degrading
PMKTF	SAV1	BTN	0.8128	0.0025	No Trend	0.0512	0.0185	No Trend	0.3115	Same	0.1494	No Trend
PMKTF	SAV1	SDIN	0.3432	0.0043	No Trend	0.0164	0.0152	No Trend	0.3566	Same	0.0182	No Trend
PMKTF	SAV1	BDIN	0.3636	0.0053	No Trend	0.4005	0.0057	No Trend	0.9296	Same	0.2051	No Trend
PMKTF	SAV1	STP	0.0132	0.0025	No Trend	0.1743	0.0013	No Trend	0.3529	Same	0.0053	Degrading
PMKTF	SAV1	BTP	0.0003	0.0046	Degrading	1.0000	-0.0001	No Trend	0.0049	Different	0.0059	-
PMKTF	SAV1	SPO4F	0.0041	0.0000	High BDLs	0.0039	-0.0010	Improving	0.9512	Same	0.0000	Improving
PMKTF	SAV1	BPO4F	0.0753	0.0000	High BDLs	0.0042	-0.0010	Improving	0.4935	Same	0.0010	Improving
PMKOH	SAV1	STN	0.0001	0.0350	Degrading	0.8222	0.0018	No Trend	0.0069	Different	0.0022	-
PMKOH	SAV1	BTN	0.0026	0.0441	Degrading	0.1038	0.0365	No Trend	0.2727	Same	0.0008	Degrading
PMKOH	SAV1	SDIN	0.3295	0.0050	No Trend	0.1205	0.0096	No Trend	0.8057	Same	0.0745	No Trend
PMKOH	SAV1	BDIN	0.3415	0.0050	No Trend	0.0830	0.0088	No Trend	0.6497	Same	0.0564	No Trend
PMKOH	SAV1	STP	0.0023	0.0063	Degrading	0.2343	-0.0015	No Trend	0.0020	Different	0.1486	-
PMKOH	SAV1	BTP	0.0014	0.0185	Degrading	1.0000	-0.0001	No Trend	0.0176	Same	0.0176	No Trend
PMKOH	SAV1	SPO4F	0.0002	0.0017	Degrading	0.1740	0.0008	No Trend	0.0911	Same	0.0002	Degrading
PMKOH	SAV1	BPO4F	0.0403	0.0003	High BDLs	0.1740	0.0006	No Trend	0.6970	Same	0.0153	No Trend
MPNTF	SAV1	STN	0.8123	-0.0016	No Trend	0.2714	0.0162	No Trend	0.3603	Same	0.6257	No Trend
MPNTF	SAV1	BTN	0.0110	-0.0185	No Trend	0.1364	0.0123	No Trend	0.0032	Different	0.3164	-
MPNTF	SAV1	SDIN	0.0966	0.0050	No Trend	0.0318	0.0100	No Trend	0.8176	Same	0.0067	Degrading
MPNTF	SAV1	BDIN	0.2934	0.0027	No Trend	0.1721	0.0062	No Trend	0.9052	Same	0.0841	No Trend
MPNTF	SAV1	STP	0.0129	0.0014	No Trend	0.8202	0.0003	No Trend	0.0950	Same	0.0420	No Trend
MPNTF	SAV1	BTP	0.6206	0.0000	No Trend	0.9259	0.0010	No Trend	0.7813	Same	0.6435	No Trend
MPNTF	SAV1	SPO4F	0.6734	0.0000	High BDLs	0.0005	-0.0022	Improving	0.0055	Different	0.0342	-
MPNTF	SAV1	BPO4F	0.0695	0.0000	High BDLs	0.0035	-0.0020	Improving	0.4773	Same	0.0008	Improving
MPNOH	SAV1	STN	0.0000	0.0355	Degrading	0.0330	0.0184	No Trend	0.0092	Different	0.0000	-
MPNOH	SAV1	BTN	0.0292	0.0345	No Trend	0.4870	-0.0068	No Trend	0.0312	Same	0.2286	No Trend
MPNOH	SAV1	SDIN	0.0356	0.0073	No Trend	0.1442	0.0086	No Trend	0.5396	Same	0.0100	Degrading
MPNOH	SAV1	BDIN	0.1485	0.0071	No Trend	0.2246	0.0084	No Trend	0.8314	Same	0.0553	No Trend
MPNOH	SAV1	STP	0.0000	0.0067	Degrading	0.9639	0.0003	No Trend	0.0003	Different	0.0002	-
MPNOH	SAV1	BTP	0.0122	0.0065	No Trend	0.9639	0.0006	No Trend	0.0706	Same	0.0538	No Trend
MPNOH	SAV1	SPO4F	0.0163	0.0008	High BDLs	0.2237	0.0007	No Trend	0.3846	Same	0.0091	Degrading
MPNOH	SAV1	BPO4F	0.0141	0.0009	High BDLs	0.3320	0.0005	No Trend	0.2852	Same	0.0134	No Trend
YRKMH	SAV1	STN	0.0002	0.0329	Degrading	0.0066	0.0225	Degrading	0.4561	Same	0.0000	Degrading
YRKMH	SAV1	BTN	0.0012	0.0300	Degrading	0.4896	0.0099	No Trend	0.0702	Same	0.0046	Degrading
YRKMH	SAV1	SDIN	0.3622	-0.0017	No Trend	0.1002	0.0113	No Trend	0.0716	Same	0.7093	No Trend
YRKMH	SAV1	BDIN	0.6708	0.0000	No Trend	0.1853	0.0105	No Trend	0.2132	Same	0.5754	No Trend
YRKMH	SAV1	STP	0.0000	0.0063	Degrading	0.7672	0.0003	No Trend	0.0019	Different	0.0004	-
YRKMH	SAV1	BTP	0.0011	0.0075	Degrading	0.2556	0.0027	No Trend	0.1281	Same	0.0016	Degrading
YRKMH	SAV1	SPO4F	0.0001	0.0013	Degrading	0.0069	0.0009	Degrading	0.4962	Same	0.0000	Degrading
YRKMH	SAV1	BPO4F	0.0005	0.0013	Degrading	0.0002	0.0010	Degrading	0.6747	Same	0.0000	Degrading
YRKPH	SAV1	STN	0.0018	0.0238	Degrading	0.1591	0.0052	No Trend	0.2287	Same	0.0012	Degrading
YRKPH	SAV1	BTN	0.0001	0.0489	Degrading	0.3788	0.0066	No Trend	0.0369	Same	0.0006	Degrading
YRKPH	SAV1	SDIN	0.7579	0.0000	No Trend	0.8842	0.0004	No Trend	0.7197	Same	0.9220	No Trend
YRKPH	SAV1	BDIN	0.1308	0.0046	No Trend	0.6817	-0.0020	No Trend	0.1789	Same	0.5015	No Trend
YRKPH	SAV1	STP	0.0000	0.0025	Degrading	0.8637	0.0002	No Trend	0.0020	Different	0.0007	-
YRKPH	SAV1	BTP	0.0000	0.0038	Degrading	0.8015	0.0002	No Trend	0.0020	Different	0.0005	-
YRKPH	SAV1	SPO4F	0.0610	0.0000	High BDLs	0.0209	0.0008	No Trend	0.6682	Same	0.0027	Degrading
YRKPH	SAV1	BPO4F	0.1598	0.0000	High BDLs	0.0213	0.0008	No Trend	0.4647	Same	0.0073	Degrading

Appendix B - Section I. Continued.

Segment	Season	Parameter	93			03			Trend		Combined	
			Trend P value	93 Slope	93 Direction	Trend P value	03 Slope	03 Direction	Trend P value	Trend Comparison	Trend P value	Combined Direction
RPPTF	SAV1	STN	0.4778	0.0090	No Trend	0.0247	0.0115	No Trend	0.2895	Same	0.0341	No Trend
RPPTF	SAV1	BTN	0.4778	-0.0102	No Trend	0.2874	0.0080	No Trend	0.1998	Same	0.8235	No Trend
RPPTF	SAV1	SDIN	0.0126	0.0213	No Trend	0.6647	-0.0086	No Trend	0.0362	Same	0.1543	No Trend
RPPTF	SAV1	BDIN	0.0071	0.0200	Degrading	0.3846	-0.0108	No Trend	0.0109	Same	0.2082	No Trend
RPPTF	SAV1	STP	0.0884	0.0010	No Trend	0.1086	-0.0019	No Trend	0.0178	Same	0.9539	No Trend
RPPTF	SAV1	BTP	0.0795	0.0021	No Trend	0.1273	-0.0028	No Trend	0.0188	Same	0.8635	No Trend
RPPTF	SAV1	SPO4F	0.2040	0.0000	High BDLs	0.0025	-0.0005	Improving	0.0013	Different	0.1050	-
RPPTF	SAV1	BPO4F	0.5681	0.0000	High BDLs	0.0009	-0.0007	Improving	0.0025	Different	0.0232	-
RPPMH	SAV1	STN	0.0025	0.0175	Degrading	0.9059	0.0004	No Trend	0.0440	Same	0.0252	No Trend
RPPMH	SAV1	BTN	0.0000	0.0258	Degrading	1.0000	-0.0001	No Trend	0.0034	Different	0.0034	-
RPPMH	SAV1	SDIN	0.0059	-0.0048	Improving	0.3220	0.0005	No Trend	0.0083	Different	0.2508	-
RPPMH	SAV1	BDIN	0.3325	0.0000	No Trend	0.5029	-0.0017	No Trend	0.8656	Same	0.2362	No Trend
RPPMH	SAV1	STP	0.0001	0.0020	Degrading	0.8438	-0.0001	No Trend	0.0034	Different	0.0096	-
RPPMH	SAV1	BTP	0.0204	0.0017	No Trend	0.9059	-0.0001	No Trend	0.0842	Same	0.1335	No Trend
RPPMH	SAV1	SPO4F	1.0000	0.0000	High BDLs	0.3363	0.0001	No Trend	0.3807	Same	0.3807	No Trend
RPPMH	SAV1	BPO4F	0.1059	0.0000	High BDLs	0.7181	0.0000	No Trend	0.6956	Same	0.2702	No Trend
RPPOH	SAV1	STN	0.0264	0.0273	No Trend	0.6085	0.0070	No Trend	0.2405	Same	0.0504	No Trend
RPPOH	SAV1	BTN	0.0003	0.0360	Degrading	0.6008	0.0068	No Trend	0.0305	Same	0.0031	Degrading
RPPOH	SAV1	SDIN	0.2774	-0.0050	No Trend	0.8719	0.0000	No Trend	0.3621	Same	0.5310	No Trend
RPPOH	SAV1	BDIN	0.0481	-0.0075	No Trend	0.9339	0.0000	No Trend	0.1887	Same	0.1363	No Trend
RPPOH	SAV1	STP	0.0005	0.0050	Degrading	0.0905	-0.0022	No Trend	0.0002	Different	0.1883	-
RPPOH	SAV1	BTP	0.0001	0.0067	Degrading	0.2373	-0.0040	No Trend	0.0002	Different	0.0437	-
RPPOH	SAV1	SPO4F	0.8404	0.0000	High BDLs	0.9045	0.0000	No Trend	1.0000	Same	0.8099	No Trend
RPPOH	SAV1	BPO4F	0.6073	0.0000	High BDLs	1.0000	0.0000	No Trend	0.7568	Same	0.8097	No Trend
CRRMH	SAV1	STN	0.1932	0.0150	No Trend	0.4343	0.0052	No Trend	0.8053	Same	0.1392	No Trend
CRRMH	SAV1	BTN	0.0436	0.0200	No Trend	0.1364	-0.0086	No Trend	0.0136	Same	0.9018	No Trend
CRRMH	SAV1	SDIN	0.0001	-0.0060	High BDLs	0.1895	-0.0007	No Trend	0.0397	Same	0.0001	Improving
CRRMH	SAV1	BDIN	0.0431	-0.0025	High BDLs	0.1504	-0.0016	No Trend	0.7610	Same	0.0136	No Trend
CRRMH	SAV1	STP	0.0011	0.0013	Degrading	0.8975	-0.0002	No Trend	0.0135	Same	0.0256	No Trend
CRRMH	SAV1	BTP	0.0012	0.0020	Degrading	0.3562	-0.0010	No Trend	0.0027	Different	0.0965	-
CRRMH	SAV1	SPO4F	0.3893	0.0000	High BDLs	0.3592	0.0000	No Trend	0.2048	Same	0.7654	No Trend
CRRMH	SAV1	BPO4F	0.6626	0.0000	High BDLs	0.9331	0.0000	No Trend	0.8893	Same	0.7278	No Trend

Appendix B - Section I. Continued.

Segment	Season	Parameter	93			03			Trend		Combined	
			Trend	Slope	Direction	Trend	Slope	Direction	P value	Comparison	Trend	Direction
APPTF	SAV2	STN	0.6617	-0.0025	No Trend	0.0442	0.0136	No Trend	0.0844	Same	0.3064	No Trend
APPTF	SAV2	BTN	0.9304	0.0021	No Trend	0.1198	0.0105	No Trend	0.3274	Same	0.2425	No Trend
APPTF	SAV2	SDIN	0.1149	-0.0075	No Trend	0.6223	-0.0034	No Trend	0.4524	Same	0.1329	No Trend
APPTF	SAV2	BDIN	0.0879	-0.0094	No Trend	0.5018	-0.0048	No Trend	0.4716	Same	0.0852	No Trend
APPTF	SAV2	STP	0.0539	0.0017	No Trend	0.8929	0.0001	No Trend	0.2162	Same	0.1361	No Trend
APPTF	SAV2	BTP	0.0077	0.0025	Degrading	0.4456	0.0005	No Trend	0.1918	Same	0.0142	No Trend
APPTF	SAV2	SPO4F	0.2533	0.0000	High BDLs	0.6484	0.0000	No Trend	0.2534	Same	0.6869	No Trend
APPTF	SAV2	BPO4F	0.1511	0.0000	High BDLs	0.9634	0.0000	No Trend	0.3635	Same	0.2967	No Trend
JMSTF	SAV2	STN	0.7653	-0.0029	No Trend	0.2171	0.0078	No Trend	0.2650	Same	0.5270	No Trend
JMSTF	SAV2	BTN	0.5120	-0.0046	No Trend	0.5800	0.0034	No Trend	0.3765	Same	0.9757	No Trend
JMSTF	SAV2	SDIN	0.0362	-0.0100	No Trend	0.1153	0.0075	No Trend	0.0087	Different	0.7400	-
JMSTF	SAV2	BDIN	0.0228	-0.0133	No Trend	0.2012	0.0067	No Trend	0.0113	Same	0.5213	No Trend
JMSTF	SAV2	BTP	0.2341	0.0000	No Trend	0.7012	0.0002	No Trend	0.6024	Same	0.2569	No Trend
JMSTF	SAV2	BTP	0.1772	0.0008	No Trend	0.8312	0.0001	No Trend	0.4577	Same	0.2653	No Trend
JMSTF	SAV2	SPO4F	0.0088	0.0000	High BDLs	0.1815	0.0003	No Trend	0.0054	Different	0.4624	-
JMSTF	SAV2	BPO4F	0.0304	0.0000	No Trend	0.0919	0.0004	No Trend	0.0064	Different	0.8967	-
CHKOH	SAV2	STN	0.9572	-0.0007	No Trend	0.1601	0.0101	No Trend	0.2432	Same	0.3013	No Trend
CHKOH	SAV2	BTN	0.6682	0.0050	No Trend	0.1601	0.0079	No Trend	0.4238	Same	0.1616	No Trend
CHKOH	SAV2	SDIN	0.1965	-0.0075	High BDLs	0.1601	0.0058	No Trend	0.0528	Same	0.7894	No Trend
CHKOH	SAV2	BDIN	0.1606	-0.0081	High BDLs	0.3486	0.0051	No Trend	0.1013	Same	0.9201	No Trend
CHKOH	SAV2	STP	0.0005	0.0033	Degrading	0.9660	0.0000	No Trend	0.0392	Same	0.0280	No Trend
CHKOH	SAV2	BTP	0.0004	0.0033	Degrading	0.6390	-0.0007	No Trend	0.0102	Same	0.0789	No Trend
CHKOH	SAV2	SPO4F	0.7360	0.0000	High BDLs	0.1652	0.0002	No Trend	0.1657	Same	0.3430	No Trend
CHKOH	SAV2	BPO4F	0.5012	0.0000	High BDLs	0.1528	0.0002	No Trend	0.1090	Same	0.4229	No Trend
JMSOH	SAV2	STN	0.4685	0.0057	No Trend	0.1870	0.0067	No Trend	0.6953	Same	0.1399	No Trend
JMSOH	SAV2	BTN	0.0267	0.0164	No Trend	0.5232	0.0058	No Trend	0.2784	Same	0.0406	No Trend
JMSOH	SAV2	SDIN	0.1241	-0.0083	No Trend	0.0606	0.0103	No Trend	0.0146	Same	0.8547	No Trend
JMSOH	SAV2	BDIN	0.1241	-0.0081	No Trend	0.1065	0.0088	No Trend	0.0239	Same	1.0000	No Trend
JMSOH	SAV2	STP	0.0000	0.0050	Degrading	0.6390	-0.0005	No Trend	0.0002	Different	0.0031	-
JMSOH	SAV2	BTP	0.0000	0.0063	Degrading	0.6390	-0.0008	No Trend	0.0000	Different	0.0005	-
JMSOH	SAV2	SPO4F	0.3078	0.0000	No Trend	0.0234	0.0005	No Trend	0.3416	Same	0.0167	No Trend
JMSOH	SAV2	BPO4F	1.0000	0.0000	No Trend	0.0133	0.0006	No Trend	0.0662	Same	0.0662	No Trend
JMSMH	SAV2	STN	0.0170	0.0154	No Trend	0.3714	0.0052	No Trend	0.3060	Same	0.0188	No Trend
JMSMH	SAV2	BTN	0.0049	0.0200	Degrading	0.5232	0.0040	No Trend	0.1322	Same	0.0135	No Trend
JMSMH	SAV2	SDIN	0.6692	-0.0021	No Trend	0.1816	0.0078	No Trend	0.2063	Same	0.5581	No Trend
JMSMH	SAV2	BDIN	0.4925	-0.0033	No Trend	0.1816	0.0060	No Trend	0.1465	Same	0.6880	No Trend
JMSMH	SAV2	STP	0.0000	0.0050	Degrading	0.7653	-0.0003	No Trend	0.0000	Different	0.0003	-
JMSMH	SAV2	BTP	0.0000	0.0046	Degrading	0.9660	0.0000	No Trend	0.0011	Different	0.0007	-
JMSMH	SAV2	SPO4F	0.4448	0.0000	No Trend	0.0149	0.0006	No Trend	0.1926	Same	0.0177	No Trend
JMSMH	SAV2	BPO4F	0.2016	0.0000	No Trend	0.0069	0.0007	Degrading	0.2418	Same	0.0036	Degrading
JMSPH	SAV2	STN	0.1055	0.0113	No Trend	0.9661	0.0001	No Trend	0.2784	Same	0.2284	No Trend
JMSPH	SAV2	BTN	0.0297	0.0149	No Trend	0.3714	0.0063	No Trend	0.3823	Same	0.0279	No Trend
JMSPH	SAV2	SDIN	0.6665	-0.0001	High BDLs	0.2505	0.0054	No Trend	0.2498	Same	0.6280	No Trend
JMSPH	SAV2	BDIN	0.9296	0.0000	High BDLs	0.1601	0.0047	No Trend	0.2700	Same	0.3580	No Trend
JMSPH	SAV2	STP	0.0009	0.0015	Degrading	0.7012	-0.0004	No Trend	0.0088	Different	0.0442	-
JMSPH	SAV2	BTP	0.0017	0.0020	Degrading	0.7012	0.0003	No Trend	0.0585	Same	0.0123	No Trend
JMSPH	SAV2	SPO4F	1.0000	0.0000	No Trend	0.1298	0.0002	No Trend	0.2405	Same	0.2676	No Trend
JMSPH	SAV2	BPO4F	0.8821	0.0000	No Trend	0.2098	0.0002	No Trend	0.2828	Same	0.4158	No Trend
ELIPH	SAV2	STN	0.1387	0.0123	No Trend	0.0370	0.0130	No Trend	0.6432	Same	0.0104	No Trend
ELIPH	SAV2	BTN	0.3222	0.0075	No Trend	0.0969	0.0086	No Trend	0.5912	Same	0.0540	No Trend
ELIPH	SAV2	SDIN	1.0000	0.0000	No Trend	0.1601	0.0072	No Trend	0.3079	Same	0.3079	No Trend
ELIPH	SAV2	BDIN	0.6703	-0.0025	No Trend	0.1870	0.0061	No Trend	0.1946	Same	0.5064	No Trend
ELIPH	SAV2	STP	0.0048	0.0014	Degrading	0.8641	0.0000	No Trend	0.0700	Same	0.0341	No Trend
ELIPH	SAV2	BTP	0.0001	0.0032	Degrading	0.8982	0.0001	No Trend	0.0113	Same	0.0054	Degrading
ELIPH	SAV2	SPO4F	0.8412	0.0000	No Trend	0.0516	0.0003	No Trend	0.1904	Same	0.1016	No Trend
ELIPH	SAV2	BPO4F	0.2683	0.0000	No Trend	0.0312	0.0004	No Trend	0.0169	Same	0.3768	No Trend

Appendix B - Section I. Continued.

Segment	Season	Parameter	93		93 Trend Direction	03		03 Trend Direction	Trend Comparison		Combined Trend Direction	
			P value	Slope		P value	Slope		P value	Comparison	P value	Direction
PMKTF	SAV2	STN	0.0332	0.0133	No Trend	0.0046	0.0199	Degrading	0.6696	Same	0.0004	Degrading
PMKTF	SAV2	BTN	0.1594	0.0092	No Trend	0.1536	0.0105	No Trend	0.9750	Same	0.0420	No Trend
PMKTF	SAV2	SDIN	0.8309	0.0000	No Trend	0.0208	0.0096	No Trend	0.1514	Same	0.0717	No Trend
PMKTF	SAV2	BDIN	1.0000	0.0000	No Trend	0.4899	0.0043	No Trend	0.6610	Same	0.6162	No Trend
PMKTF	SAV2	STP	0.0000	0.0033	Degrading	0.0220	0.0017	No Trend	0.1583	Same	0.0000	Degrading
PMKTF	SAV2	BTP	0.0000	0.0042	Degrading	0.1064	0.0014	No Trend	0.0176	Same	0.0000	Degrading
PMKTF	SAV2	SPO4F	0.7037	0.0000	High BDLs	0.5068	0.0001	No Trend	0.4300	Same	0.8102	No Trend
PMKTF	SAV2	BPO4F	0.7200	0.0000	High BDLs	0.5122	0.0001	No Trend	0.4472	Same	0.8358	No Trend
PMKOH	SAV2	STN	0.0884	0.0150	No Trend	0.7217	0.0029	No Trend	0.3400	Same	0.1315	No Trend
PMKOH	SAV2	BTN	0.0960	0.0141	No Trend	0.0770	0.0158	No Trend	1.0000	Same	0.0141	No Trend
PMKOH	SAV2	SDIN	0.6992	0.0000	No Trend	0.7217	0.0014	No Trend	1.0000	Same	0.5780	No Trend
PMKOH	SAV2	BDIN	0.7001	0.0004	No Trend	1.0000	0.0003	No Trend	0.8050	Same	0.7577	No Trend
PMKOH	SAV2	STP	0.0000	0.0050	Degrading	0.5138	0.0005	No Trend	0.0076	Different	0.0003	-
PMKOH	SAV2	BTP	0.0000	0.0050	Degrading	0.5219	0.0005	No Trend	0.0030	Different	0.0001	-
PMKOH	SAV2	SPO4F	0.3433	0.0000	No Trend	0.7172	0.0000	No Trend	0.7374	Same	0.3479	No Trend
PMKOH	SAV2	BPO4F	0.5497	0.0000	No Trend	0.6507	0.0000	No Trend	0.9733	Same	0.4407	No Trend
MPNTF	SAV2	STN	0.0027	0.0100	Degrading	0.0736	0.0124	No Trend	0.3924	Same	0.0006	Degrading
MPNTF	SAV2	BTN	0.7653	0.0031	No Trend	0.1469	0.0106	No Trend	0.4685	Same	0.2190	No Trend
MPNTF	SAV2	SDIN	0.8638	0.0000	No Trend	0.0129	0.0104	No Trend	0.0580	Same	0.1118	No Trend
MPNTF	SAV2	BDIN	0.9660	-0.0003	No Trend	0.0550	0.0079	No Trend	0.1751	Same	0.2188	No Trend
MPNTF	SAV2	STP	0.0000	0.0025	Degrading	0.1387	0.0013	No Trend	0.0549	Same	0.0000	Degrading
MPNTF	SAV2	BTP	0.0001	0.0025	Degrading	0.5421	0.0004	No Trend	0.0207	Same	0.0013	Degrading
MPNTF	SAV2	SPO4F	0.3564	0.0000	High BDLs	0.7236	0.0000	No Trend	0.7632	Same	0.3662	No Trend
MPNTF	SAV2	BPO4F	0.7921	0.0000	High BDLs	0.3405	0.0002	No Trend	0.3581	Same	0.6207	No Trend
MPNOH	SAV2	STN	0.0151	0.0150	No Trend	0.3240	0.0064	No Trend	0.2935	Same	0.0135	No Trend
MPNOH	SAV2	BTN	0.2329	0.0100	No Trend	0.8148	-0.0011	No Trend	0.2839	Same	0.4881	No Trend
MPNOH	SAV2	SDIN	0.4943	0.0020	No Trend	0.3700	0.0043	No Trend	0.9261	Same	0.2525	No Trend
MPNOH	SAV2	BDIN	0.5213	0.0020	No Trend	0.8882	0.0008	No Trend	0.7283	Same	0.5485	No Trend
MPNOH	SAV2	STP	0.0000	0.0050	Degrading	0.9269	0.0001	No Trend	0.0003	Different	0.0001	-
MPNOH	SAV2	BTP	0.0000	0.0050	Degrading	0.5732	-0.0008	No Trend	0.0005	Different	0.0081	-
MPNOH	SAV2	SPO4F	0.3848	0.0000	No Trend	0.6473	0.0000	No Trend	0.8379	Same	0.3398	No Trend
MPNOH	SAV2	BPO4F	0.8050	0.0000	No Trend	0.4461	0.0001	No Trend	0.7318	Same	0.4508	No Trend
YRKMH	SAV2	STN	0.0550	0.0141	No Trend	0.0403	0.0152	No Trend	0.9757	Same	0.0046	Degrading
YRKMH	SAV2	BTN	0.0884	0.0137	No Trend	0.4318	0.0059	No Trend	0.5219	Same	0.0720	No Trend
YRKMH	SAV2	SDIN	0.7977	0.0004	No Trend	0.9652	-0.0002	No Trend	0.8071	Same	0.9028	No Trend
YRKMH	SAV2	BDIN	0.7970	0.0000	No Trend	0.8959	0.0008	No Trend	0.7598	Same	0.9512	No Trend
YRKMH	SAV2	STP	0.0001	0.0033	Degrading	0.4456	0.0007	No Trend	0.0262	Same	0.0008	Degrading
YRKMH	SAV2	BTP	0.0030	0.0029	Degrading	0.3939	0.0009	No Trend	0.1332	Same	0.0059	Degrading
YRKMH	SAV2	SPO4F	0.2214	0.0000	No Trend	0.0850	0.0004	No Trend	0.5801	Same	0.0320	No Trend
YRKMH	SAV2	BPO4F	0.4799	0.0000	No Trend	0.0189	0.0004	No Trend	0.1806	Same	0.0214	No Trend
YRKPH	SAV2	STN	0.0483	0.0137	No Trend	0.5409	0.0047	No Trend	0.3641	Same	0.0648	No Trend
YRKPH	SAV2	BTN	0.0212	0.0176	No Trend	0.5706	0.0059	No Trend	0.2541	Same	0.0426	No Trend
YRKPH	SAV2	SDIN	0.1691	-0.0042	No Trend	0.8133	0.0003	No Trend	0.2363	Same	0.4298	No Trend
YRKPH	SAV2	BDIN	0.7788	0.0000	No Trend	0.9644	-0.0005	No Trend	0.8973	Same	0.7962	No Trend
YRKPH	SAV2	STP	0.0000	0.0029	Degrading	1.0000	0.0000	No Trend	0.0009	Different	0.0009	-
YRKPH	SAV2	BTP	0.0000	0.0033	Degrading	0.7534	0.0001	No Trend	0.0077	Different	0.0016	-
YRKPH	SAV2	SPO4F	0.7589	0.0000	High BDLs	0.0757	0.0003	No Trend	0.2212	Same	0.0979	No Trend
YRKPH	SAV2	BPO4F	0.8539	0.0000	High BDLs	0.1108	0.0002	No Trend	0.2504	Same	0.1508	No Trend

Appendix B - Section I. Continued.

Segment	Season	Parameter	93			03			Trend		Combined	
			P value	Slope	Direction	P value	Slope	Direction	P value	Comparison	P value	Direction
RPPTF	SAV2	STN	0.3824	0.0071	No Trend	0.0455	0.0125	No Trend	0.4281	Same	0.0382	No Trend
RPPTF	SAV2	BTN	0.5120	0.0052	No Trend	0.1153	0.0107	No Trend	0.5219	Same	0.1060	No Trend
RPPTF	SAV2	SDIN	0.9651	0.0000	No Trend	0.3714	0.0046	No Trend	0.5621	Same	0.4829	No Trend
RPPTF	SAV2	BDIN	0.6614	0.0018	No Trend	0.5800	0.0015	No Trend	0.9513	Same	0.4638	No Trend
RPPTF	SAV2	STP	0.0018	0.0025	Degrading	0.4574	0.0007	No Trend	0.1090	Same	0.0062	Degrading
RPPTF	SAV2	BTP	0.0002	0.0028	Degrading	0.6306	0.0004	No Trend	0.0260	Same	0.0029	Degrading
RPPTF	SAV2	SPO4F	0.4569	0.0000	High BDLs	0.5161	0.0000	No Trend	0.3167	Same	0.9725	No Trend
RPPTF	SAV2	BPO4F	0.8697	0.0000	High BDLs	0.5740	-0.0001	No Trend	0.5642	Same	0.7602	No Trend
RPPMH	SAV2	STN	0.0332	0.0133	No Trend	0.7017	-0.0025	No Trend	0.0708	Same	0.2284	No Trend
RPPMH	SAV2	BTN	0.0884	0.0133	No Trend	0.7657	-0.0016	No Trend	0.1484	Same	0.3353	No Trend
RPPMH	SAV2	SDIN	0.3242	-0.0046	High BDLs	1.0000	-0.0001	No Trend	0.5062	Same	0.4683	No Trend
RPPMH	SAV2	BDIN	0.7974	-0.0021	No Trend	0.3714	-0.0052	No Trend	0.6727	Same	0.3981	No Trend
RPPMH	SAV2	STP	0.0003	0.0025	Degrading	0.4178	0.0003	No Trend	0.0597	Same	0.0018	Degrading
RPPMH	SAV2	BTP	0.0076	0.0020	Degrading	0.7653	0.0001	No Trend	0.1056	Same	0.0351	No Trend
RPPMH	SAV2	SPO4F	1.0000	0.0000	High BDLs	0.0213	0.0002	No Trend	0.0459	Same	0.0546	No Trend
RPPMH	SAV2	BPO4F	0.6501	0.0000	High BDLs	0.0288	0.0002	No Trend	0.1036	Same	0.0310	No Trend
RPPOH	SAV2	STN	0.2329	0.0113	No Trend	0.0672	0.0162	No Trend	0.6734	Same	0.0302	No Trend
RPPOH	SAV2	BTN	0.5509	0.0050	No Trend	0.3714	0.0063	No Trend	0.8566	Same	0.2784	No Trend
RPPOH	SAV2	SDIN	0.1590	-0.0075	No Trend	0.6396	0.0020	No Trend	0.1750	Same	0.5268	No Trend
RPPOH	SAV2	BDIN	0.0548	-0.0100	No Trend	0.8984	0.0008	No Trend	0.1397	Same	0.2166	No Trend
RPPOH	SAV2	STP	0.0013	0.0037	Degrading	0.2937	0.0007	No Trend	0.1306	Same	0.0023	Degrading
RPPOH	SAV2	BTP	0.0002	0.0033	Degrading	0.8957	0.0001	No Trend	0.0114	Same	0.0055	Degrading
RPPOH	SAV2	SPO4F	0.6425	0.0000	High BDLs	0.1776	0.0002	No Trend	0.1639	Same	0.4439	No Trend
RPPOH	SAV2	BPO4F	0.6919	0.0000	High BDLs	0.3001	0.0002	No Trend	0.2719	Same	0.5828	No Trend
CRRMH	SAV2	STN	0.2130	0.0107	No Trend	0.7332	-0.0010	No Trend	0.2599	Same	0.5732	No Trend
CRRMH	SAV2	BTN	0.0720	0.0135	No Trend	0.8984	-0.0009	No Trend	0.1786	Same	0.2736	No Trend
CRRMH	SAV2	SDIN	0.0553	-0.0058	High BDLs	0.8180	0.0008	No Trend	0.1232	Same	0.2510	No Trend
CRRMH	SAV2	BDIN	0.2842	-0.0033	High BDLs	1.0000	0.0000	No Trend	0.4568	Same	0.4568	No Trend
CRRMH	SAV2	STP	0.0001	0.0018	Degrading	0.7929	-0.0001	No Trend	0.0025	Different	0.0097	-
CRRMH	SAV2	BTP	0.0024	0.0020	Degrading	0.5120	-0.0006	No Trend	0.0084	Different	0.1001	-
CRRMH	SAV2	SPO4F	1.0000	0.0000	High BDLs	0.1219	0.0001	No Trend	0.1810	Same	0.2072	No Trend
CRRMH	SAV2	BPO4F	0.7515	0.0000	High BDLs	0.0151	0.0003	No Trend	0.0277	Same	0.0782	No Trend

Appendix B - Section I. Continued.

Segment	Season	Parameter	93			03			Trend		Combined	
			Trend	Slope	Direction	Trend	Slope	Direction	P value	Comparison	Trend	Direction
APPTF	Spring1	STN	0.0652	-0.0180	No Trend	0.0141	0.0203	No Trend	0.0023	Different	0.8847	-
APPTF	Spring1	BTN	0.3421	-0.0175	No Trend	0.0910	0.0177	No Trend	0.0596	Same	0.7064	No Trend
APPTF	Spring1	SDIN	0.3743	-0.0063	No Trend	0.2029	-0.0103	No Trend	0.8538	Same	0.1172	No Trend
APPTF	Spring1	BDIN	0.2817	-0.0100	No Trend	0.1232	-0.0134	No Trend	0.8180	Same	0.0591	No Trend
APPTF	Spring1	STP	0.4056	-0.0021	No Trend	0.7376	-0.0011	No Trend	0.7460	Same	0.3793	No Trend
APPTF	Spring1	BTP	0.9482	0.0000	No Trend	0.6390	0.0015	No Trend	0.8155	Same	0.6745	No Trend
APPTF	Spring1	SPO4F	0.0481	-0.0018	High BDLs	0.3427	-0.0003	No Trend	0.4785	Same	0.0335	No Trend
APPTF	Spring1	BPO4F	0.0184	-0.0028	No Trend	0.0633	-0.0005	No Trend	0.7043	Same	0.0024	Improving
JMSTF	Spring1	STN	0.1169	-0.0317	No Trend	0.2528	0.0168	No Trend	0.0500	Same	0.7983	No Trend
JMSTF	Spring1	BTN	0.0310	-0.0435	No Trend	0.8567	0.0024	No Trend	0.0970	Same	0.1901	No Trend
JMSTF	Spring1	SDIN	0.1029	-0.0124	No Trend	0.0809	0.0139	No Trend	0.0151	Same	0.9660	No Trend
JMSTF	Spring1	BDIN	0.0569	-0.0246	No Trend	0.1846	0.0115	No Trend	0.0205	Same	0.7596	No Trend
JMSTF	Spring1	STP	0.0730	-0.0050	No Trend	1.0000	0.0000	No Trend	0.2111	Same	0.2111	No Trend
JMSTF	Spring1	BTP	0.0940	-0.0050	No Trend	0.8567	-0.0006	No Trend	0.3333	Same	0.1870	No Trend
JMSTF	Spring1	SPO4F	0.0001	-0.0063	Improving	0.7630	0.0004	No Trend	0.0035	Different	0.0161	-
JMSTF	Spring1	BPO4F	0.0009	-0.0050	Improving	0.4306	0.0005	No Trend	0.0040	Different	0.1013	-
CHKOH	Spring1	STN	0.0187	-0.0475	No Trend	0.1662	0.0134	No Trend	0.0184	Same	0.9147	No Trend
CHKOH	Spring1	BTN	0.2933	-0.0520	No Trend	0.1662	0.0114	No Trend	0.0775	Same	0.4867	No Trend
CHKOH	Spring1	SDIN	0.8141	-0.0050	High BDLs	0.1324	0.0088	No Trend	0.1336	Same	0.2385	No Trend
CHKOH	Spring1	BDIN	0.6334	-0.0073	High BDLs	0.3985	0.0065	No Trend	0.3066	Same	0.6282	No Trend
CHKOH	Spring1	STP	0.5538	0.0035	No Trend	0.6735	-0.0010	No Trend	0.4855	Same	0.9572	No Trend
CHKOH	Spring1	BTP	0.4805	0.0042	No Trend	0.2062	-0.0039	No Trend	0.1336	Same	0.4532	No Trend
CHKOH	Spring1	SPO4F	0.0736	0.0000	High BDLs	0.7142	0.0001	No Trend	0.2831	Same	0.7776	No Trend
CHKOH	Spring1	BPO4F	0.0122	-0.0013	High BDLs	0.6697	0.0001	No Trend	0.1592	Same	0.6123	No Trend
JMSOH	Spring1	STN	1.0000	-0.0020	No Trend	0.2062	0.0133	No Trend	0.3486	Same	0.3942	No Trend
JMSOH	Spring1	BTN	0.0470	0.0325	No Trend	0.7634	0.0072	No Trend	0.2505	Same	0.0969	No Trend
JMSOH	Spring1	SDIN	0.3985	-0.0083	No Trend	0.0267	0.0285	No Trend	0.0290	Same	0.3824	No Trend
JMSOH	Spring1	BDIN	0.3985	-0.0087	No Trend	0.0663	0.0234	No Trend	0.0547	Same	0.5409	No Trend
JMSOH	Spring1	STP	0.0020	0.0092	Degrading	0.2062	-0.0034	No Trend	0.0018	Different	0.2158	-
JMSOH	Spring1	BTP	0.0000	0.0213	Degrading	0.2062	-0.0064	No Trend	0.0001	Different	0.0496	-
JMSOH	Spring1	SPO4F	0.3750	0.0000	No Trend	0.1085	0.0009	No Trend	0.6520	Same	0.0712	No Trend
JMSOH	Spring1	BPO4F	0.6999	0.0000	No Trend	0.0569	0.0011	No Trend	0.0948	Same	0.2991	No Trend
JMSMH	Spring1	STN	0.0259	0.0295	No Trend	0.5079	0.0060	No Trend	0.2873	Same	0.0370	No Trend
JMSMH	Spring1	BTN	0.0047	0.0379	Degrading	0.7634	0.0045	No Trend	0.0810	Same	0.0241	No Trend
JMSMH	Spring1	SDIN	0.5465	0.0042	No Trend	0.1454	0.0127	No Trend	0.6239	Same	0.1413	No Trend
JMSMH	Spring1	BDIN	0.8078	0.0025	No Trend	0.1454	0.0148	No Trend	0.4465	Same	0.2266	No Trend
JMSMH	Spring1	STP	0.0000	0.0063	Degrading	0.3062	-0.0018	No Trend	0.0002	Different	0.0319	-
JMSMH	Spring1	BTP	0.0019	0.0067	Degrading	0.6735	-0.0011	No Trend	0.0115	Same	0.0655	No Trend
JMSMH	Spring1	SPO4F	0.5812	0.0000	High BDLs	0.0652	0.0013	No Trend	0.3499	Same	0.0757	No Trend
JMSMH	Spring1	BPO4F	0.2124	0.0000	High BDLs	0.0260	0.0010	No Trend	0.4535	Same	0.0114	No Trend
JMSPH	Spring1	STN	0.2528	0.0159	No Trend	0.6735	-0.0044	No Trend	0.2505	Same	0.6396	No Trend
JMSPH	Spring1	BTN	0.0536	0.0259	No Trend	0.5079	0.0077	No Trend	0.3942	Same	0.0609	No Trend
JMSPH	Spring1	SDIN	0.5393	0.0039	High BDLs	0.2528	0.0063	No Trend	0.7310	Same	0.1973	No Trend
JMSPH	Spring1	BDIN	0.2453	0.0000	High BDLs	0.1324	0.0050	No Trend	0.7917	Same	0.0527	No Trend
JMSPH	Spring1	STP	0.2760	0.0010	No Trend	0.2528	-0.0011	No Trend	0.1048	Same	1.0000	No Trend
JMSPH	Spring1	BTP	0.3945	0.0011	No Trend	1.0000	0.0001	No Trend	0.5492	Same	0.5492	No Trend
JMSPH	Spring1	SPO4F	0.6458	0.0000	High BDLs	0.5841	0.0001	No Trend	0.4482	Same	0.9644	No Trend
JMSPH	Spring1	BPO4F	0.5136	0.0000	High BDLs	0.8555	0.0001	No Trend	0.5336	Same	0.7896	No Trend
ELIPH	Spring1	STN	0.3471	0.0165	No Trend	0.0189	0.0186	No Trend	0.2820	Same	0.0155	No Trend
ELIPH	Spring1	BTN	0.8798	0.0044	No Trend	0.0809	0.0124	No Trend	0.2208	Same	0.1319	No Trend
ELIPH	Spring1	SDIN	0.1593	0.0100	No Trend	0.1324	0.0151	No Trend	0.8931	Same	0.0353	No Trend
ELIPH	Spring1	BDIN	0.4043	0.0058	No Trend	0.1662	0.0098	No Trend	0.6041	Same	0.0990	No Trend
ELIPH	Spring1	STP	0.7102	0.0000	No Trend	0.8085	0.0000	No Trend	0.6337	Same	0.9655	No Trend
ELIPH	Spring1	BTP	0.0738	0.0026	No Trend	0.7634	-0.0004	No Trend	0.1365	Same	0.3353	No Trend
ELIPH	Spring1	SPO4F	0.9466	0.0000	High BDLs	0.2487	0.0003	No Trend	0.3451	Same	0.4447	No Trend
ELIPH	Spring1	BPO4F	0.0506	-0.0008	High BDLs	0.1478	0.0007	No Trend	0.0152	Same	0.8573	No Trend

Appendix B - Section I. Continued.

Segment	Season	Parameter	93			03			Trend		Combined	
			P value	Slope	Direction	P value	Slope	Direction	P value	Comparison	P value	Direction
PMKTF	Spring1	STN	0.0620	0.0213	No Trend	0.0005	0.0427	Degrading	0.3156	Same	0.0001	Degrading
PMKTF	Spring1	BTN	0.3985	0.0092	No Trend	0.1336	0.0197	No Trend	0.7822	Same	0.0972	No Trend
PMKTF	Spring1	SDIN	0.1035	0.0100	No Trend	0.0044	0.0179	Degrading	0.4578	Same	0.0014	Degrading
PMKTF	Spring1	BDIN	0.1838	0.0084	No Trend	0.6171	0.0043	No Trend	0.5184	Same	0.1664	No Trend
PMKTF	Spring1	STP	0.0173	0.0025	No Trend	0.0059	0.0048	Degrading	0.9640	Same	0.0003	Degrading
PMKTF	Spring1	BTP	0.0014	0.0050	Degrading	0.0741	0.0035	No Trend	0.2135	Same	0.0003	Degrading
PMKTF	Spring1	SPO4F	0.2738	0.0000	High BDLs	0.5671	-0.0004	No Trend	0.8436	Same	0.2365	No Trend
PMKTF	Spring1	BPO4F	0.3297	0.0000	High BDLs	0.4716	-0.0003	No Trend	0.8807	Same	0.2109	No Trend
PMKOH	Spring1	STN	0.2062	0.0341	No Trend	1.0000	-0.0004	No Trend	0.3273	Same	0.3732	No Trend
PMKOH	Spring1	BTN	0.2270	0.0525	No Trend	0.0399	0.0926	No Trend	0.7440	Same	0.0223	No Trend
PMKOH	Spring1	SDIN	0.0589	0.0067	No Trend	1.0000	0.0005	No Trend	0.1787	Same	0.1514	No Trend
PMKOH	Spring1	BDIN	0.0606	0.0094	No Trend	0.6913	-0.0031	No Trend	0.0897	Same	0.2838	No Trend
PMKOH	Spring1	STP	0.0136	0.0089	No Trend	0.7691	0.0017	No Trend	0.0938	Same	0.0323	No Trend
PMKOH	Spring1	BTP	0.0047	0.0268	Degrading	0.7984	0.0037	No Trend	0.0346	Same	0.0122	No Trend
PMKOH	Spring1	SPO4F	0.4258	0.0000	High BDLs	0.2854	-0.0005	No Trend	0.1722	Same	0.8877	No Trend
PMKOH	Spring1	BPO4F	0.7402	0.0000	High BDLs	0.3499	-0.0003	No Trend	0.3467	Same	0.7066	No Trend
MPNTF	Spring1	STN	0.0020	0.0106	Degrading	0.0496	0.0216	No Trend	0.4050	Same	0.0003	Degrading
MPNTF	Spring1	BTN	0.5465	-0.0072	No Trend	0.1182	0.0162	No Trend	0.1339	Same	0.6395	No Trend
MPNTF	Spring1	SDIN	0.3311	0.0041	No Trend	0.0019	0.0146	Degrading	0.1607	Same	0.0038	Degrading
MPNTF	Spring1	BDIN	0.2528	0.0042	No Trend	0.0141	0.0114	No Trend	0.5430	Same	0.0131	No Trend
MPNTF	Spring1	STP	0.0216	0.0018	No Trend	0.1232	0.0021	No Trend	0.5538	Same	0.0055	Degrading
MPNTF	Spring1	BTP	0.0831	0.0015	No Trend	0.8234	0.0006	No Trend	0.2535	Same	0.1278	No Trend
MPNTF	Spring1	SPO4F	0.4434	0.0000	High BDLs	0.3100	-0.0008	No Trend	0.1890	Same	0.8511	No Trend
MPNTF	Spring1	BPO4F	0.3776	0.0000	High BDLs	0.7637	-0.0003	No Trend	0.7129	Same	0.3716	No Trend
MPNOH	Spring1	STN	0.0219	0.0225	No Trend	0.4202	0.0159	No Trend	0.2620	Same	0.0221	No Trend
MPNOH	Spring1	BTN	0.5880	0.0167	No Trend	0.2631	-0.0235	No Trend	0.2415	Same	0.8148	No Trend
MPNOH	Spring1	SDIN	0.0219	0.0100	No Trend	0.4202	0.0043	No Trend	0.2620	Same	0.0221	No Trend
MPNOH	Spring1	BDIN	0.0254	0.0100	No Trend	0.8229	-0.0023	No Trend	0.0542	Same	0.1213	No Trend
MPNOH	Spring1	STP	0.0003	0.0088	Degrading	0.6727	-0.0009	No Trend	0.0021	Different	0.0152	-
MPNOH	Spring1	BTP	0.0219	0.0092	No Trend	0.1007	-0.0105	No Trend	0.0042	Different	0.4818	-
MPNOH	Spring1	SPO4F	0.4877	0.0000	High BDLs	0.3389	-0.0004	No Trend	0.2236	Same	0.8839	No Trend
MPNOH	Spring1	BPO4F	1.0000	0.0000	High BDLs	0.5484	-0.0004	No Trend	0.7304	Same	0.6577	No Trend
YRKMH	Spring1	STN	0.1169	0.0200	No Trend	0.0191	0.0301	No Trend	0.6623	Same	0.0052	Degrading
YRKMH	Spring1	BTN	0.2062	0.0229	No Trend	0.6117	0.0176	No Trend	0.6002	Same	0.1901	No Trend
YRKMH	Spring1	SDIN	0.0913	0.0109	No Trend	0.5687	-0.0027	No Trend	0.0970	Same	0.4318	No Trend
YRKMH	Spring1	BDIN	0.3951	0.0055	No Trend	0.8493	-0.0022	No Trend	0.4301	Same	0.6611	No Trend
YRKMH	Spring1	STP	0.0592	0.0030	No Trend	0.6390	0.0011	No Trend	0.3001	Same	0.0789	No Trend
YRKMH	Spring1	BTP	0.5443	0.0023	No Trend	0.5464	0.0029	No Trend	1.0000	Same	0.3685	No Trend
YRKMH	Spring1	SPO4F	0.2186	0.0000	High BDLs	0.4103	0.0005	No Trend	0.9600	Same	0.1460	No Trend
YRKMH	Spring1	BPO4F	0.6391	0.0000	High BDLs	0.0854	0.0005	No Trend	0.3233	Same	0.0931	No Trend
YRKPH	Spring1	STN	0.0931	0.0229	No Trend	0.7996	0.0052	No Trend	0.3563	Same	0.1664	No Trend
YRKPH	Spring1	BTN	0.0268	0.0508	No Trend	0.8493	0.0134	No Trend	0.2007	Same	0.0972	No Trend
YRKPH	Spring1	SDIN	0.5745	0.0000	High BDLs	0.9392	0.0000	No Trend	0.7567	Same	0.6056	No Trend
YRKPH	Spring1	BDIN	0.3012	0.0013	High BDLs	0.5506	-0.0034	No Trend	0.2363	Same	0.8435	No Trend
YRKPH	Spring1	STP	0.0033	0.0025	Degrading	0.5464	-0.0006	No Trend	0.0092	Different	0.0908	-
YRKPH	Spring1	BTP	0.0326	0.0033	No Trend	0.9466	-0.0004	No Trend	0.0950	Same	0.1364	No Trend
YRKPH	Spring1	SPO4F	1.0000	0.0000	High BDLs	0.3698	0.0002	No Trend	0.4118	Same	0.4769	No Trend
YRKPH	Spring1	BPO4F	0.8333	0.0000	High BDLs	0.5240	0.0002	No Trend	0.4786	Same	0.7028	No Trend

Appendix B - Section I. Continued.

Segment	Season	Parameter	93		93	03		03	Trend		Trend	Combined	
			P value	Slope	Direction	P value	Slope		P value	Comparison		P value	Direction
RPPTF	Spring1	STN	0.9495	0.0045	No Trend	0.0259	0.0205	No Trend	0.1268	Same	0.0888	No Trend	
RPPTF	Spring1	BTN	0.8990	-0.0085	No Trend	0.1041	0.0147	No Trend	0.1901	Same	0.2946	No Trend	
RPPTF	Spring1	SDIN	0.1452	0.0173	No Trend	0.4339	0.0059	No Trend	0.6946	Same	0.1065	No Trend	
RPPTF	Spring1	BDIN	0.0423	0.0204	No Trend	0.7634	0.0015	No Trend	0.2562	Same	0.0970	No Trend	
RPPTF	Spring1	STP	0.4737	0.0012	No Trend	0.6575	0.0015	No Trend	0.8916	Same	0.3883	No Trend	
RPPTF	Spring1	BTP	0.1071	0.0025	No Trend	0.9495	0.0010	No Trend	0.2988	Same	0.2226	No Trend	
RPPTF	Spring1	SPO4F	0.5992	0.0000	High BDLs	0.0126	-0.0005	No Trend	0.0165	Same	0.0894	No Trend	
RPPTF	Spring1	BPO4F	0.8742	0.0000	High BDLs	0.0179	-0.0005	No Trend	0.0829	Same	0.0431	No Trend	
RPPMH	Spring1	STN	0.0620	0.0201	No Trend	0.2528	-0.0195	No Trend	0.0300	Same	0.6396	No Trend	
RPPMH	Spring1	BTN	0.2062	0.0208	No Trend	0.3062	-0.0286	No Trend	0.0969	Same	0.8984	No Trend	
RPPMH	Spring1	SDIN	0.9516	0.0000	No Trend	0.6295	-0.0018	No Trend	0.7974	Same	0.6688	No Trend	
RPPMH	Spring1	BDIN	0.3968	0.0050	No Trend	0.0809	-0.0104	No Trend	0.0604	Same	0.5502	No Trend	
RPPMH	Spring1	STP	0.1425	0.0011	No Trend	0.5880	0.0002	No Trend	0.5694	Same	0.1486	No Trend	
RPPMH	Spring1	BTP	0.8550	0.0000	No Trend	0.9520	-0.0002	No Trend	0.8305	Same	0.9658	No Trend	
RPPMH	Spring1	SPO4F	0.1752	0.0000	High BDLs	0.0982	0.0002	No Trend	0.0410	Same	0.2673	No Trend	
RPPMH	Spring1	BPO4F		0.0000	High BDLs	0.1364	0.0001	No Trend	0.1364	Same	0.1364	No Trend	
RPPOH	Spring1	STN	0.5880	0.0167	No Trend	0.0470	0.0354	No Trend	0.3276	Same	0.0672	No Trend	
RPPOH	Spring1	BTN	0.8567	-0.0027	No Trend	0.5079	0.0172	No Trend	0.5232	Same	0.7657	No Trend	
RPPOH	Spring1	SDIN	0.5079	-0.0061	No Trend	0.8567	0.0018	No Trend	0.5232	Same	0.7657	No Trend	
RPPOH	Spring1	BDIN	0.1662	-0.0160	No Trend	0.8567	-0.0018	No Trend	0.4187	Same	0.2505	No Trend	
RPPOH	Spring1	STP	0.3346	0.0059	No Trend	0.3743	0.0025	No Trend	0.9651	Same	0.1754	No Trend	
RPPOH	Spring1	BTP	0.0907	0.0054	No Trend	0.7515	-0.0013	No Trend	0.1372	Same	0.3362	No Trend	
RPPOH	Spring1	SPO4F	0.1745	0.0000	High BDLs	0.7589	0.0000	No Trend	0.2860	Same	0.6475	No Trend	
RPPOH	Spring1	BPO4F	0.2317	0.0000	High BDLs	1.0000	0.0000	No Trend	0.5209	Same	0.4588	No Trend	
CRRMH	Spring1	STN	0.5667	0.0133	No Trend	0.2777	-0.0153	No Trend	0.2130	Same	0.6780	No Trend	
CRRMH	Spring1	BTN	0.1521	0.0200	No Trend	0.4339	-0.0123	No Trend	0.1172	Same	0.7822	No Trend	
CRRMH	Spring1	SDIN	0.1621	-0.0046	High BDLs	0.9431	-0.0008	No Trend	0.3836	Same	0.2818	No Trend	
CRRMH	Spring1	BDIN	0.9419	0.0000	High BDLs	0.6354	-0.0012	No Trend	0.8041	Same	0.6553	No Trend	
CRRMH	Spring1	STP	0.0442	0.0011	No Trend	0.3100	-0.0005	No Trend	0.0286	Same	0.5029	No Trend	
CRRMH	Spring1	BTP	0.4968	0.0003	No Trend	0.1134	-0.0012	No Trend	0.1018	Same	0.5654	No Trend	
CRRMH	Spring1	SPO4F	0.1752	0.0000	High BDLs	0.5894	0.0000	No Trend	0.3080	Same	1.0000	No Trend	
CRRMH	Spring1	BPO4F	0.1640	0.0000	High BDLs	0.0650	0.0003	No Trend	0.0188	Same	0.3901	No Trend	

Appendix B - Section I. Continued.

Segment	Season	Parameter	93			03			Trend Comparison		Combined	
			P value	Slope	Direction	P value	Slope	Direction	P value	Comparison	P value	Direction
APPTF	Spring2	STN	0.0860	-0.0149	No Trend	0.0871	0.0181	No Trend	0.0137	Same	0.8847	No Trend
APPTF	Spring2	BTN	0.1835	-0.0188	No Trend	0.3981	0.0154	No Trend	0.1094	Same	0.7064	No Trend
APPTF	Spring2	SDIN	0.5249	0.0042	No Trend	0.1004	-0.0125	No Trend	0.1064	Same	0.5687	No Trend
APPTF	Spring2	BDIN	0.4103	0.0050	No Trend	0.2840	-0.0126	No Trend	0.1694	Same	0.9622	No Trend
APPTF	Spring2	STP	0.1097	-0.0038	No Trend	1.0000	-0.0003	No Trend	0.2473	Same	0.2473	No Trend
APPTF	Spring2	BTP	0.1945	-0.0021	No Trend	1.0000	0.0001	No Trend	0.3513	Same	0.3513	No Trend
APPTF	Spring2	SPO4F	0.1747	-0.0004	High BDLs	0.3771	-0.0003	No Trend	0.8056	Same	0.1043	No Trend
APPTF	Spring2	BPO4F	0.0791	-0.0017	High BDLs	0.7337	-0.0001	No Trend	0.3531	Same	0.1298	No Trend
JMSTF	Spring2	STN	0.0038	-0.0492	Improving	0.9520	0.0019	No Trend	0.0332	Same	0.0500	No Trend
JMSTF	Spring2	BTN	0.0015	-0.0534	Improving	0.6735	-0.0093	No Trend	0.0666	Same	0.0113	No Trend
JMSTF	Spring2	SDIN	0.0017	-0.0287	Improving	0.8567	0.0033	No Trend	0.0170	Same	0.0409	No Trend
JMSTF	Spring2	BDIN	0.0012	-0.0364	Improving	0.7634	0.0047	No Trend	0.0129	Same	0.0496	No Trend
JMSTF	Spring2	BTP	0.0093	-0.0057	Improving	0.8567	-0.0005	No Trend	0.1009	Same	0.0471	No Trend
JMSTF	Spring2	BTP	0.0057	-0.0050	Improving	0.4339	-0.0028	No Trend	0.2026	Same	0.0123	No Trend
JMSTF	Spring2	SPO4F	0.0011	-0.0050	Improving	0.9520	0.0001	No Trend	0.0180	Same	0.0283	No Trend
JMSTF	Spring2	BPO4F	0.0263	-0.0033	No Trend	0.5834	0.0003	No Trend	0.0499	Same	0.2849	No Trend
CHKOH	Spring2	STN	0.0064	-0.0550	Improving	0.7634	-0.0028	No Trend	0.3166	Same	0.1023	No Trend
CHKOH	Spring2	BTN	0.1289	-0.0540	No Trend	0.6735	-0.0089	No Trend	0.7522	Same	0.2469	No Trend
CHKOH	Spring2	SDIN	0.8283	-0.0050	No Trend	0.0055	0.0095	Degrading	0.0098	Different	0.0234	-
CHKOH	Spring2	BDIN	0.8262	-0.0025	High BDLs	0.1012	0.0097	No Trend	0.1110	Same	0.2023	No Trend
CHKOH	Spring2	STP	0.4865	0.0000	No Trend	0.2817	-0.0030	No Trend	0.1822	Same	0.5783	No Trend
CHKOH	Spring2	BTP	0.5102	0.0033	No Trend	0.0366	-0.0059	No Trend	0.0282	Same	0.1538	No Trend
CHKOH	Spring2	SPO4F	0.1148	0.0000	High BDLs	1.0000	0.0000	No Trend	0.5343	Same	0.5343	No Trend
CHKOH	Spring2	BPO4F	0.0084	-0.0013	High BDLs	0.6236	0.0001	No Trend	0.1068	Same	0.5407	No Trend
JMSOH	Spring2	STN	0.8567	-0.0105	No Trend	0.5880	0.0036	No Trend	0.5800	Same	0.8315	No Trend
JMSOH	Spring2	BTN	0.1324	0.0300	No Trend	0.7634	-0.0096	No Trend	0.1870	Same	0.4187	No Trend
JMSOH	Spring2	SDIN	0.2777	-0.0113	No Trend	0.0189	0.0216	No Trend	0.0135	Same	0.3942	No Trend
JMSOH	Spring2	BDIN	0.6295	-0.0062	No Trend	0.0470	0.0235	No Trend	0.0736	Same	0.3066	No Trend
JMSOH	Spring2	STP	0.0090	0.0071	Degrading	0.2278	-0.0030	No Trend	0.0062	Different	0.3466	-
JMSOH	Spring2	BTP	0.0037	0.0150	Degrading	0.0032	-0.0128	Improving	0.0000	Different	1.0000	-
JMSOH	Spring2	SPO4F	0.0652	0.0008	High BDLs	0.0249	0.0010	No Trend	0.7587	Same	0.0033	Degrading
JMSOH	Spring2	BPO4F	0.6549	0.0000	High BDLs	0.0133	0.0012	No Trend	0.1476	Same	0.0315	No Trend
JMSMH	Spring2	STN	0.0047	0.0304	Degrading	0.2528	0.0098	No Trend	0.2505	Same	0.0043	Degrading
JMSMH	Spring2	BTN	0.0009	0.0350	Degrading	0.3666	0.0094	No Trend	0.0969	Same	0.0025	Degrading
JMSMH	Spring2	SDIN	0.1846	0.0085	No Trend	0.4339	0.0100	No Trend	0.7332	Same	0.1251	No Trend
JMSMH	Spring2	BDIN	0.1619	0.0104	No Trend	0.3666	0.0058	No Trend	0.7646	Same	0.0952	No Trend
JMSMH	Spring2	STP	0.0001	0.0050	Degrading	0.8567	-0.0004	No Trend	0.0041	Different	0.0114	-
JMSMH	Spring2	BTP	0.0008	0.0050	Degrading	0.8567	0.0004	No Trend	0.0292	Same	0.0116	No Trend
JMSMH	Spring2	SPO4F	0.0379	0.0015	High BDLs	0.1029	0.0012	No Trend	0.8275	Same	0.0079	Degrading
JMSMH	Spring2	BPO4F	0.0075	0.0015	Degrading	0.0219	0.0015	No Trend	0.8955	Same	0.0004	Degrading
JMSPH	Spring2	STN	0.7634	0.0031	No Trend	1.0000	-0.0006	No Trend	0.8315	Same	0.8315	No Trend
JMSPH	Spring2	BTN	0.2528	0.0130	No Trend	0.1324	0.0104	No Trend	0.8315	Same	0.0555	No Trend
JMSPH	Spring2	SDIN	0.3960	0.0047	High BDLs	0.5079	0.0032	No Trend	0.9319	Same	0.2667	No Trend
JMSPH	Spring2	BDIN	0.3235	0.0009	High BDLs	0.2062	0.0042	No Trend	0.8632	Same	0.1016	No Trend
JMSPH	Spring2	STP	0.3329	0.0006	No Trend	0.5880	-0.0005	No Trend	0.2671	Same	0.7979	No Trend
JMSPH	Spring2	BTP	0.7626	0.0005	No Trend	0.5880	0.0005	No Trend	0.8982	Same	0.5224	No Trend
JMSPH	Spring2	SPO4F	1.0000	0.0000	High BDLs	0.1022	0.0005	No Trend	0.2372	Same	0.2372	No Trend
JMSPH	Spring2	BPO4F	0.7049	0.0000	High BDLs	0.1825	0.0005	No Trend	0.2049	Same	0.5120	No Trend
ELIPH	Spring2	STN	0.4192	0.0140	No Trend	0.0068	0.0269	Degrading	0.1510	Same	0.0093	Degrading
ELIPH	Spring2	BTN	0.3643	0.0150	No Trend	0.0032	0.0214	Degrading	0.0900	Same	0.0035	Degrading
ELIPH	Spring2	SDIN	0.6390	0.0033	No Trend	0.2528	0.0103	No Trend	0.6223	Same	0.2266	No Trend
ELIPH	Spring2	BDIN	0.1712	0.0079	No Trend	0.2062	0.0066	No Trend	0.9248	Same	0.0591	No Trend
ELIPH	Spring2	STP	0.4906	0.0000	No Trend	0.6735	0.0002	No Trend	0.8964	Same	0.4095	No Trend
ELIPH	Spring2	BTP	0.0646	0.0019	No Trend	0.4339	0.0008	No Trend	0.5116	Same	0.0599	No Trend
ELIPH	Spring2	SPO4F	0.5268	0.0000	High BDLs	0.1169	0.0008	No Trend	0.1062	Same	0.5126	No Trend
ELIPH	Spring2	BPO4F	1.0000	0.0000	No Trend	0.0259	0.0016	No Trend	0.1063	Same	0.0883	No Trend

Appendix B - Section I. Continued.

Segment	Season	Parameter	93			03			Trend		Combined	
			Trend P value	93 Slope	93 Direction	Trend P value	03 Slope	03 Direction	Trend P value	Comparison	Trend P value	Combined Direction
PMKTF	Spring2	STN	0.2777	0.0067	No Trend	0.0001	0.0453	Degrading	0.0676	Same	0.0004	Degrading
PMKTF	Spring2	BTN	0.8094	0.0021	No Trend	0.0156	0.0248	No Trend	0.2031	Same	0.0811	No Trend
PMKTF	Spring2	SDIN	0.0809	0.0100	No Trend	0.0032	0.0212	Degrading	0.4187	Same	0.0008	Degrading
PMKTF	Spring2	BDIN	0.1471	0.0100	No Trend	0.1593	0.0178	No Trend	0.9285	Same	0.0390	No Trend
PMKTF	Spring2	STP	0.0326	0.0025	No Trend	0.0267	0.0036	No Trend	1.0000	Same	0.0018	Degrading
PMKTF	Spring2	BTP	0.0064	0.0039	Degrading	0.1232	0.0030	No Trend	0.3451	Same	0.0019	Degrading
PMKTF	Spring2	SPO4F	0.0329	-0.0003	High BDLs	0.1156	-0.0009	No Trend	0.8900	Same	0.0086	Improving
PMKTF	Spring2	BPO4F	0.4042	0.0000	High BDLs	0.0499	-0.0010	No Trend	0.4380	Same	0.0418	No Trend
PMKOH	Spring2	STN	0.0616	0.0408	No Trend	0.7912	-0.0018	No Trend	0.1086	Same	0.2465	No Trend
PMKOH	Spring2	BTN	0.3035	0.0451	No Trend	0.0520	0.0858	No Trend	0.6212	Same	0.0348	No Trend
PMKOH	Spring2	SDIN	0.0208	0.0115	No Trend	0.4860	0.0056	No Trend	0.2541	Same	0.0283	No Trend
PMKOH	Spring2	BDIN	0.1016	0.0100	No Trend	0.8493	0.0026	No Trend	0.3138	Same	0.1746	No Trend
PMKOH	Spring2	STP	0.1012	0.0055	No Trend	0.4610	-0.0016	No Trend	0.0793	Same	0.4998	No Trend
PMKOH	Spring2	BTP	0.0291	0.0200	No Trend	1.0000	-0.0054	No Trend	0.0892	Same	0.1079	No Trend
PMKOH	Spring2	SPO4F	0.3717	0.0000	No Trend	0.9037	-0.0001	No Trend	0.4554	Same	0.6291	No Trend
PMKOH	Spring2	BPO4F	1.0000	0.0000	High BDLs	0.9517	0.0000	No Trend	1.0000	Same	0.9274	No Trend
MPNTF	Spring2	STN	0.0090	0.0125	Degrading	0.0091	0.0253	Degrading	0.8557	Same	0.0002	Degrading
MPNTF	Spring2	BTN	0.1846	-0.0173	No Trend	0.1182	0.0171	No Trend	0.0393	Same	1.0000	No Trend
MPNTF	Spring2	SDIN	0.0389	0.0085	No Trend	0.0032	0.0145	Degrading	0.5494	Same	0.0003	Degrading
MPNTF	Spring2	BDIN	0.3346	0.0047	No Trend	0.0244	0.0102	No Trend	0.4486	Same	0.0230	No Trend
MPNTF	Spring2	STP	0.0201	0.0015	No Trend	0.3836	0.0014	No Trend	0.2918	Same	0.0194	No Trend
MPNTF	Spring2	BTP	0.7117	0.0000	No Trend	0.5732	0.0015	No Trend	0.9630	Same	0.4868	No Trend
MPNTF	Spring2	SPO4F	0.3126	0.0000	High BDLs	0.0704	-0.0018	No Trend	0.0388	Same	0.5295	No Trend
MPNTF	Spring2	BPO4F	0.2459	0.0000	High BDLs	0.3886	-0.0010	No Trend	0.8533	Same	0.1391	No Trend
MPNOH	Spring2	STN	0.0080	0.0254	Degrading	0.0776	0.0300	No Trend	0.4092	Same	0.0013	Degrading
MPNOH	Spring2	BTN	0.3062	0.0248	No Trend	0.2644	-0.0105	No Trend	0.1225	Same	0.9627	No Trend
MPNOH	Spring2	SDIN	0.0068	0.0111	Degrading	0.2797	0.0071	No Trend	0.2379	Same	0.0059	Degrading
MPNOH	Spring2	BDIN	0.0133	0.0100	No Trend	0.8945	0.0040	No Trend	0.0897	Same	0.0494	No Trend
MPNOH	Spring2	STP	0.0001	0.0079	Degrading	0.7912	0.0022	No Trend	0.0097	Different	0.0024	-
MPNOH	Spring2	BTP	0.0296	0.0092	No Trend	0.3886	-0.0068	No Trend	0.0255	Same	0.3258	No Trend
MPNOH	Spring2	SPO4F	0.6523	0.0000	No Trend	0.7492	-0.0002	No Trend	0.5554	Same	0.9638	No Trend
MPNOH	Spring2	BPO4F	0.6126	0.0000	High BDLs	1.0000	0.0000	No Trend	0.6800	Same	0.7483	No Trend
YRKMH	Spring2	STN	0.0133	0.0288	No Trend	0.0065	0.0386	Degrading	0.9651	Same	0.0002	Degrading
YRKMH	Spring2	BTN	0.0620	0.0268	No Trend	0.8990	0.0094	No Trend	0.2214	Same	0.1376	No Trend
YRKMH	Spring2	SDIN	0.5866	0.0044	No Trend	0.8947	0.0043	No Trend	0.7889	Same	0.5924	No Trend
YRKMH	Spring2	BDIN	0.4652	0.0033	No Trend	0.7912	0.0029	No Trend	0.7538	Same	0.4463	No Trend
YRKMH	Spring2	STP	0.0174	0.0037	No Trend	0.9495	0.0002	No Trend	0.1041	Same	0.0717	No Trend
YRKMH	Spring2	BTP	0.5423	0.0025	No Trend	0.7515	-0.0018	No Trend	0.4823	Same	0.8606	No Trend
YRKMH	Spring2	SPO4F	0.2731	0.0000	High BDLs	0.1324	0.0006	No Trend	0.6759	Same	0.0568	No Trend
YRKMH	Spring2	BPO4F	0.1651	0.0000	High BDLs	0.0450	0.0005	No Trend	0.5437	Same	0.0133	No Trend
YRKPH	Spring2	STN	0.0260	0.0287	No Trend	0.4103	0.0086	No Trend	0.3460	Same	0.0279	No Trend
YRKPH	Spring2	BTN	0.0021	0.0588	Degrading	0.6575	0.0140	No Trend	0.0972	Same	0.0157	No Trend
YRKPH	Spring2	SDIN	0.4285	0.0023	No Trend	0.8295	-0.0006	No Trend	0.4370	Same	0.6975	No Trend
YRKPH	Spring2	BDIN	0.0606	0.0068	No Trend	0.6735	-0.0035	No Trend	0.1160	Same	0.4054	No Trend
YRKPH	Spring2	STP	0.0002	0.0033	Degrading	0.4103	-0.0013	No Trend	0.0012	Different	0.0453	-
YRKPH	Spring2	BTP	0.0076	0.0035	Degrading	0.8493	-0.0009	No Trend	0.0355	Same	0.0798	No Trend
YRKPH	Spring2	SPO4F	0.3582	0.0000	High BDLs	0.1626	0.0005	No Trend	0.5891	Same	0.0857	No Trend
YRKPH	Spring2	BPO4F	0.6762	0.0000	High BDLs	0.2493	0.0002	No Trend	0.5235	Same	0.2199	No Trend

Appendix B - Section I. Continued.

Segment	Season	Parameter	93			03			Trend		Combined	
			P value	Slope	Direction	P value	Slope	Direction	P value	Comparison	P value	Direction
RPPTF	Spring2	STN	0.9520	0.0045	No Trend	0.0096	0.0210	Degrading	0.0810	Same	0.0555	No Trend
RPPTF	Spring2	BTN	0.5465	-0.0156	No Trend	0.1041	0.0184	No Trend	0.1055	Same	0.4955	No Trend
RPPTF	Spring2	SDIN	0.1662	0.0175	No Trend	0.9520	-0.0018	No Trend	0.2873	Same	0.3714	No Trend
RPPTF	Spring2	BDIN	0.0704	0.0194	No Trend	0.6735	-0.0096	No Trend	0.1055	Same	0.3486	No Trend
RPPTF	Spring2	STP	0.2676	0.0009	No Trend	0.6575	0.0011	No Trend	0.6588	Same	0.2510	No Trend
RPPTF	Spring2	BTP	0.1429	0.0025	No Trend	0.5687	0.0020	No Trend	0.5383	Same	0.1351	No Trend
RPPTF	Spring2	SPO4F	0.2490	0.0000	High BDLs	0.0101	-0.0005	No Trend	0.0055	Different	0.2131	-
RPPTF	Spring2	BPO4F	0.6045	0.0000	High BDLs	0.0042	-0.0006	Improving	0.0097	Different	0.0666	-
RPPMH	Spring2	STN	0.0026	0.0255	Degrading	1.0000	-0.0011	No Trend	0.0332	Same	0.0332	No Trend
RPPMH	Spring2	BTN	0.0021	0.0349	Degrading	0.6735	-0.0165	No Trend	0.0120	Same	0.0672	No Trend
RPPMH	Spring2	SDIN	0.6682	0.0000	No Trend	0.7626	-0.0008	No Trend	0.9657	Same	0.5761	No Trend
RPPMH	Spring2	BDIN	0.5866	0.0047	No Trend	0.2062	-0.0061	No Trend	0.1862	Same	0.6390	No Trend
RPPMH	Spring2	STP	0.1051	0.0011	No Trend	0.9520	-0.0001	No Trend	0.2337	Same	0.3104	No Trend
RPPMH	Spring2	BTP	0.6227	0.0003	No Trend	0.6735	-0.0006	No Trend	0.4913	Same	1.0000	No Trend
RPPMH	Spring2	SPO4F	0.1752	0.0000	High BDLs	0.1771	0.0001	No Trend	0.0793	Same	0.4129	No Trend
RPPMH	Spring2	BPO4F		0.0000	High BDLs	0.8040	0.0000	No Trend	0.8040	Same	0.8040	No Trend
RPPOH	Spring2	STN	0.0470	0.0377	No Trend	0.0470	0.0332	No Trend	1.0000	Same	0.0043	Degrading
RPPOH	Spring2	BTN	0.2062	0.0292	No Trend	0.4339	0.0365	No Trend	0.7657	Same	0.1363	No Trend
RPPOH	Spring2	SDIN	0.3985	0.0104	No Trend	0.2528	0.0168	No Trend	0.8647	Same	0.1475	No Trend
RPPOH	Spring2	BDIN	1.0000	0.0004	No Trend	0.7634	0.0108	No Trend	0.8315	Same	0.8315	No Trend
RPPOH	Spring2	STP	0.0620	0.0100	No Trend	1.0000	0.0000	No Trend	0.1754	Same	0.1754	No Trend
RPPOH	Spring2	BTP	0.0901	0.0042	No Trend	0.6575	-0.0011	No Trend	0.1152	Same	0.3815	No Trend
RPPOH	Spring2	SPO4F	0.4671	0.0000	High BDLs	0.8539	0.0000	No Trend	0.5415	Same	0.8387	No Trend
RPPOH	Spring2	BPO4F	0.3071	0.0000	High BDLs	0.9512	0.0000	No Trend	0.6455	Same	0.5063	No Trend
CRRMH	Spring2	STN	0.1593	0.0225	No Trend	0.7634	-0.0060	No Trend	0.2266	Same	0.5018	No Trend
CRRMH	Spring2	BTN	0.2519	0.0168	No Trend	0.8567	-0.0008	No Trend	0.3568	Same	0.5803	No Trend
CRRMH	Spring2	SDIN	0.0220	-0.0061	High BDLs	0.9391	0.0000	No Trend	0.1113	Same	0.0722	No Trend
CRRMH	Spring2	BDIN	0.7734	-0.0013	High BDLs	0.5446	-0.0013	No Trend	0.8441	Same	0.4912	No Trend
CRRMH	Spring2	STP	0.2122	0.0008	No Trend	0.1627	-0.0013	No Trend	0.0558	Same	0.9645	No Trend
CRRMH	Spring2	BTP	0.4616	0.0007	No Trend	0.5687	-0.0008	No Trend	0.3323	Same	0.9298	No Trend
CRRMH	Spring2	SPO4F	0.1752	0.0000	High BDLs	0.6856	0.0000	No Trend	1.0000	Same	0.3724	No Trend
CRRMH	Spring2	BPO4F	0.0466	0.0000	High BDLs	0.2945	0.0002	No Trend	0.0429	Same	0.8696	No Trend

Appendix B - Section I. Continued.

Segment	Season	Parameter	93			03			Trend Comparison		Combined	
			Trend	Slope	Direction	Trend	Slope	Direction	P value	Comparison	Trend	Direction
APPTF	Summer1	STN	0.0759	-0.0423	No Trend	0.9568	0.0021	No Trend	0.1762	Same	0.2292	No Trend
APPTF	Summer1	BTN	0.0854	-0.0346	No Trend	0.6262	-0.0075	No Trend	0.3878	Same	0.1064	No Trend
APPTF	Summer1	SDIN	0.5997	-0.0044	No Trend	0.1116	-0.0132	No Trend	0.5501	Same	0.1405	No Trend
APPTF	Summer1	BDIN	0.2730	-0.0083	No Trend	0.2196	-0.0142	No Trend	1.0000	Same	0.0941	No Trend
APPTF	Summer1	STP	0.9162	0.0000	No Trend	0.7941	-0.0006	No Trend	0.9409	Same	0.7668	No Trend
APPTF	Summer1	BTP	0.1255	0.0028	No Trend	0.7152	-0.0023	No Trend	0.1698	Same	0.4359	No Trend
APPTF	Summer1	SPO4F	0.1516	0.0000	High BDLs	0.5632	0.0005	No Trend	0.1517	Same	0.6144	No Trend
APPTF	Summer1	BPO4F	0.0325	-0.0013	High BDLs	0.2061	0.0005	No Trend	0.0154	Same	0.6171	No Trend
JMSTF	Summer1	STN	0.0015	-0.0679	Improving	0.8710	0.0023	No Trend	0.0147	Same	0.0323	No Trend
JMSTF	Summer1	BTN	0.0021	-0.0640	Improving	0.5516	-0.0100	No Trend	0.0776	Same	0.0077	Improving
JMSTF	Summer1	SDIN	0.0001	-0.0405	Improving	0.0337	-0.0171	No Trend	0.1819	Same	0.0000	Improving
JMSTF	Summer1	BDIN	0.0000	-0.0463	Improving	0.0161	-0.0186	No Trend	0.1369	Same	0.0000	Improving
JMSTF	Summer1	STP	0.0515	-0.0046	No Trend	1.0000	-0.0001	No Trend	0.1706	Same	0.1706	No Trend
JMSTF	Summer1	BTP	0.3443	-0.0023	No Trend	0.0216	-0.0080	No Trend	0.3546	Same	0.0197	No Trend
JMSTF	Summer1	SPO4F	0.0007	-0.0050	Improving	0.5653	0.0002	No Trend	0.0047	Different	0.0532	-
JMSTF	Summer1	BPO4F	0.2132	-0.0008	No Trend	0.4940	0.0004	No Trend	0.1628	Same	0.7342	No Trend
CHKOH	Summer1	STN	0.2220	-0.0438	No Trend	0.4817	-0.0083	No Trend	1.0000	Same	0.2054	No Trend
CHKOH	Summer1	BTN	0.5071	-0.0350	No Trend	0.2132	-0.0210	No Trend	0.4808	Same	0.1451	No Trend
CHKOH	Summer1	SDIN	0.5538	0.0000	High BDLs	0.3375	0.0004	No Trend	0.2394	Same	0.5928	No Trend
CHKOH	Summer1	BDIN	0.5135	0.0000	High BDLs	0.8638	0.0000	No Trend	0.6127	Same	0.9194	No Trend
CHKOH	Summer1	STP	0.1594	0.0018	No Trend	0.0828	-0.0034	No Trend	0.0249	Same	0.4173	No Trend
CHKOH	Summer1	BTP	0.2972	0.0094	No Trend	0.0934	-0.0055	No Trend	0.0433	Same	0.3718	No Trend
CHKOH	Summer1	SPO4F	0.7165	0.0000	High BDLs	0.4275	0.0003	No Trend	0.5422	Same	0.3606	No Trend
CHKOH	Summer1	BPO4F	0.7822	0.0000	High BDLs	0.1872	0.0004	No Trend	0.1676	Same	0.2782	No Trend
JMSOH	Summer1	STN	0.4324	-0.0050	No Trend	0.7152	-0.0059	No Trend	0.7960	Same	0.3956	No Trend
JMSOH	Summer1	BTN	0.2305	0.0213	No Trend	0.5311	-0.0089	No Trend	0.1842	Same	0.7122	No Trend
JMSOH	Summer1	SDIN	0.0027	-0.0187	Improving	0.7620	0.0010	No Trend	0.0123	Same	0.0427	No Trend
JMSOH	Summer1	BDIN	0.0041	-0.0172	Improving	0.8082	0.0015	No Trend	0.0177	Same	0.0480	No Trend
JMSOH	Summer1	STP	0.0022	0.0058	Degrading	0.5311	0.0008	No Trend	0.0952	Same	0.0085	Degrading
JMSOH	Summer1	BTP	0.0048	0.0079	Degrading	0.0681	-0.0079	No Trend	0.0009	Different	0.5067	-
JMSOH	Summer1	SPO4F	0.0316	0.0010	No Trend	0.0056	0.0016	Degrading	0.6530	Same	0.0004	Degrading
JMSOH	Summer1	BPO4F	0.1324	0.0008	No Trend	0.0241	0.0013	No Trend	0.5992	Same	0.0069	Degrading
JMSMH	Summer1	STN	0.5988	0.0050	No Trend	0.3575	0.0067	No Trend	0.7810	Same	0.2836	No Trend
JMSMH	Summer1	BTN	0.0473	0.0163	No Trend	0.0741	0.0168	No Trend	1.0000	Same	0.0070	Degrading
JMSMH	Summer1	SDIN	0.8145	-0.0006	No Trend	0.4072	0.0050	No Trend	0.4372	Same	0.7298	No Trend
JMSMH	Summer1	BDIN	0.8594	0.0000	No Trend	0.2196	0.0046	No Trend	0.2991	Same	0.4801	No Trend
JMSMH	Summer1	STP	0.0012	0.0038	Degrading	0.0854	0.0022	No Trend	0.3158	Same	0.0004	Degrading
JMSMH	Summer1	BTP	0.0002	0.0050	Degrading	0.2103	0.0020	No Trend	0.0879	Same	0.0004	Degrading
JMSMH	Summer1	SPO4F	0.0068	0.0025	Degrading	0.0854	0.0015	No Trend	0.5271	Same	0.0016	Degrading
JMSMH	Summer1	BPO4F	0.0157	0.0023	No Trend	0.0122	0.0011	No Trend	0.9096	Same	0.0004	Degrading
JMSPH	Summer1	STN	0.7152	0.0015	No Trend	0.1587	0.0086	No Trend	0.4834	Same	0.1967	No Trend
JMSPH	Summer1	BTN	0.7152	-0.0049	No Trend	0.0452	0.0113	No Trend	0.0911	Same	0.2762	No Trend
JMSPH	Summer1	SDIN	0.8323	0.0000	High BDLs	0.0078	0.0031	Degrading	0.0375	Same	0.0875	No Trend
JMSPH	Summer1	BDIN	0.9578	0.0000	High BDLs	0.3755	0.0023	No Trend	0.4805	Same	0.5776	No Trend
JMSPH	Summer1	STP	0.7535	0.0001	No Trend	0.1925	0.0009	No Trend	0.5061	Same	0.2372	No Trend
JMSPH	Summer1	BTP	0.3755	0.0009	No Trend	0.4036	-0.0004	No Trend	0.2098	Same	1.0000	No Trend
JMSPH	Summer1	SPO4F	0.9161	0.0000	No Trend	0.2495	0.0005	No Trend	0.3533	Same	0.4805	No Trend
JMSPH	Summer1	BPO4F	0.7938	0.0003	No Trend	0.8756	-0.0003	No Trend	0.7396	Same	0.9705	No Trend
ELIPH	Summer1	STN	1.0000	0.0040	No Trend	0.4343	0.0112	No Trend	0.5782	Same	0.5251	No Trend
ELIPH	Summer1	BTN	0.7130	0.0050	No Trend	0.0681	0.0077	No Trend	0.2661	Same	0.0953	No Trend
ELIPH	Summer1	SDIN	0.9511	-0.0006	No Trend	0.0106	0.0143	No Trend	0.0428	Same	0.0620	No Trend
ELIPH	Summer1	BDIN	0.8541	0.0023	No Trend	0.4980	0.0024	No Trend	0.7208	Same	0.4996	No Trend
ELIPH	Summer1	STP	0.7860	0.0000	No Trend	0.0854	0.0010	No Trend	0.3099	Same	0.1424	No Trend
ELIPH	Summer1	BTP	0.8744	0.0000	No Trend	0.9584	0.0002	No Trend	0.8530	Same	0.9704	No Trend
ELIPH	Summer1	SPO4F	0.7469	0.0000	No Trend	0.0421	0.0020	No Trend	0.0851	Same	0.2310	No Trend
ELIPH	Summer1	BPO4F	0.4892	0.0001	No Trend	0.1925	0.0013	No Trend	0.6821	Same	0.1465	No Trend

Appendix B - Section I. Continued.

Segment	Season	Parameter	93		93 Trend Direction	03		03 Trend Direction	Trend Comparison		Combined	
			P value	Slope		P value	Slope		P value	Comparison	P value	Trend
PMKTF	Summer1	STN	0.1907	-0.0109	No Trend	0.0683	0.0213	No Trend	0.0283	Same	0.9670	No Trend
PMKTF	Summer1	BTN	0.7944	-0.0050	No Trend	0.4777	0.0178	No Trend	0.5014	Same	0.8665	No Trend
PMKTF	Summer1	SDIN	0.6754	-0.0071	No Trend	0.3165	0.0129	No Trend	0.3089	Same	0.7542	No Trend
PMKTF	Summer1	BDIN	0.6762	-0.0050	No Trend	0.4437	0.0068	No Trend	0.3900	Same	0.8758	No Trend
PMKTF	Summer1	STP	0.1543	0.0023	No Trend	0.8063	0.0003	No Trend	0.3790	Same	0.2007	No Trend
PMKTF	Summer1	BTP	0.0455	0.0050	No Trend	0.5405	-0.0012	No Trend	0.0505	Same	0.2813	No Trend
PMKTF	Summer1	SPO4F	0.0174	-0.0010	High BDLs	0.0646	-0.0013	No Trend	0.7083	Same	0.0024	Improving
PMKTF	Summer1	BPO4F	0.1239	-0.0008	High BDLs	0.0655	-0.0010	No Trend	0.9018	Same	0.0153	No Trend
PMKOH	Summer1	STN	0.0004	0.0300	Degrading	0.6365	-0.0045	No Trend	0.0020	Different	0.0160	-
PMKOH	Summer1	BTN	0.0130	0.0497	No Trend	0.7964	-0.0080	No Trend	0.0374	Same	0.0975	No Trend
PMKOH	Summer1	SDIN	0.8273	0.0000	No Trend	0.2928	0.0128	No Trend	0.3893	Same	0.6669	No Trend
PMKOH	Summer1	BDIN	0.6917	-0.0030	No Trend	0.1661	0.0126	No Trend	0.2127	Same	0.5765	No Trend
PMKOH	Summer1	STP	0.1402	0.0050	No Trend	0.1788	-0.0050	No Trend	0.0419	Same	0.8756	No Trend
PMKOH	Summer1	BTP	0.2764	0.0104	No Trend	0.5026	-0.0020	No Trend	0.1983	Same	0.7849	No Trend
PMKOH	Summer1	SPO4F	0.0017	0.0017	Degrading	0.0818	0.0015	No Trend	0.3109	Same	0.0005	Degrading
PMKOH	Summer1	BPO4F	0.1393	0.0010	No Trend	0.1035	0.0014	No Trend	0.9028	Same	0.0251	No Trend
MPNTF	Summer1	STN	0.0602	-0.0213	No Trend	1.0000	0.0054	No Trend	0.1173	Same	0.1173	No Trend
MPNTF	Summer1	BTN	0.0929	-0.0133	No Trend	0.8218	-0.0015	No Trend	0.2353	Same	0.1240	No Trend
MPNTF	Summer1	SDIN	0.5311	0.0032	No Trend	0.5959	0.0021	No Trend	0.9377	Same	0.3900	No Trend
MPNTF	Summer1	BDIN	0.9133	0.0000	No Trend	0.7232	0.0011	No Trend	0.7187	Same	0.9044	No Trend
MPNTF	Summer1	STP	0.0674	0.0014	No Trend	0.4962	-0.0006	No Trend	0.0619	Same	0.3719	No Trend
MPNTF	Summer1	BTP	0.6217	0.0009	No Trend	0.4962	-0.0010	No Trend	0.3889	Same	0.9673	No Trend
MPNTF	Summer1	SPO4F	0.7780	0.0000	No Trend	0.0046	-0.0030	Improving	0.0277	Same	0.0868	No Trend
MPNTF	Summer1	BPO4F	0.2060	0.0000	No Trend	0.0064	-0.0032	Improving	0.3427	Same	0.0044	Improving
MPNOH	Summer1	STN	0.0017	0.0300	Degrading	0.0350	0.0206	No Trend	0.2020	Same	0.0001	Degrading
MPNOH	Summer1	BTN	0.3379	0.0230	No Trend	0.9401	-0.0033	No Trend	0.3917	Same	0.4989	No Trend
MPNOH	Summer1	SDIN	0.4148	0.0035	No Trend	0.1863	0.0126	No Trend	0.8666	Same	0.1307	No Trend
MPNOH	Summer1	BDIN	0.8208	-0.0013	No Trend	0.0502	0.0125	No Trend	0.1240	Same	0.2617	No Trend
MPNOH	Summer1	STP	0.0023	0.0050	Degrading	0.5550	0.0030	No Trend	0.0651	Same	0.0068	Degrading
MPNOH	Summer1	BTP	0.2769	0.0042	No Trend	0.3768	0.0052	No Trend	0.8730	Same	0.1503	No Trend
MPNOH	Summer1	SPO4F	0.0123	0.0013	No Trend	0.0766	0.0014	No Trend	0.5484	Same	0.0021	Degrading
MPNOH	Summer1	BPO4F	0.0130	0.0013	No Trend	0.1566	0.0010	No Trend	0.4382	Same	0.0049	Degrading
YRKMH	Summer1	STN	0.0299	0.0335	No Trend	0.0728	0.0134	No Trend	0.6833	Same	0.0043	Degrading
YRKMH	Summer1	BTN	0.0319	0.0275	No Trend	0.4962	0.0086	No Trend	0.2782	Same	0.0371	No Trend
YRKMH	Summer1	SDIN	0.0713	-0.0054	No Trend	0.0605	0.0171	No Trend	0.0091	Different	0.7570	-
YRKMH	Summer1	BDIN	0.1900	-0.0030	No Trend	0.1408	0.0123	No Trend	0.0466	Same	0.9647	No Trend
YRKMH	Summer1	STP	0.0011	0.0067	Degrading	1.0000	-0.0001	No Trend	0.0175	Same	0.0214	No Trend
YRKMH	Summer1	BTP	0.0070	0.0077	Degrading	0.5516	0.0017	No Trend	0.1533	Same	0.0186	No Trend
YRKMH	Summer1	SPO4F	0.0011	0.0025	Degrading	0.0146	0.0011	No Trend	0.5909	Same	0.0000	Degrading
YRKMH	Summer1	BPO4F	0.0013	0.0025	Degrading	0.0004	0.0013	Degrading	0.7837	Same	0.0000	Degrading
YRKPH	Summer1	STN	0.0311	0.0256	No Trend	0.1970	0.0041	No Trend	0.4689	Same	0.0120	No Trend
YRKPH	Summer1	BTN	0.0039	0.0441	Degrading	0.5189	0.0107	No Trend	0.0983	Same	0.0090	Degrading
YRKPH	Summer1	SDIN	1.0000	0.0000	No Trend	0.4405	0.0032	No Trend	0.6225	Same	0.6225	No Trend
YRKPH	Summer1	BDIN	0.2596	0.0046	No Trend	0.8226	0.0019	No Trend	0.5684	Same	0.3281	No Trend
YRKPH	Summer1	STP	0.0054	0.0025	Degrading	0.8232	0.0002	No Trend	0.0694	Same	0.0277	No Trend
YRKPH	Summer1	BTP	0.0002	0.0038	Degrading	0.4341	0.0009	No Trend	0.0375	Same	0.0012	Degrading
YRKPH	Summer1	SPO4F	0.0114	0.0010	No Trend	0.0640	0.0013	No Trend	0.6374	Same	0.0017	Degrading
YRKPH	Summer1	BPO4F	0.0657	0.0011	No Trend	0.0502	0.0014	No Trend	1.0000	Same	0.0065	Degrading

Appendix B - Section I. Continued.

Segment	Season	Parameter	93			03			Trend		Combined	
			Trend	93	93	Trend	03	03	Trend	Comparison	Trend	Direction
			P value	Slope	Direction	P value	Slope	Direction	P value	Comparison	P value	Direction
RPPTF	Summer1	STN	0.3220	0.0129	No Trend	0.7152	0.0010	No Trend	0.6851	Same	0.3196	No Trend
RPPTF	Summer1	BTN	0.5664	-0.0074	No Trend	0.6390	-0.0069	No Trend	0.9706	Same	0.4389	No Trend
RPPTF	Summer1	SDIN	0.0837	0.0221	No Trend	0.1061	-0.0244	No Trend	0.0163	Same	0.9705	No Trend
RPPTF	Summer1	BDIN	0.0409	0.0200	No Trend	0.0465	-0.0244	No Trend	0.0038	Different	1.0000	-
RPPTF	Summer1	STP	0.2358	0.0008	No Trend	0.0421	-0.0023	No Trend	0.0202	Same	0.5488	No Trend
RPPTF	Summer1	BTP	0.1884	0.0020	No Trend	0.0948	-0.0035	No Trend	0.0316	Same	0.8241	No Trend
RPPTF	Summer1	SPO4F	0.5726	0.0000	High BDLs	0.0054	-0.0010	Improving	0.0091	Different	0.0640	-
RPPTF	Summer1	BPO4F	0.8328	0.0000	High BDLs	0.0016	-0.0011	Improving	0.0071	Different	0.0185	-
RPPMH	Summer1	STN	0.0179	0.0215	No Trend	1.0000	0.0003	No Trend	0.0957	Same	0.0957	No Trend
RPPMH	Summer1	BTN	0.0003	0.0305	Degrading	0.6390	-0.0049	No Trend	0.0031	Different	0.0268	-
RPPMH	Summer1	SDIN	0.0052	-0.0075	Improving	0.5993	0.0002	No Trend	0.0205	Same	0.1422	No Trend
RPPMH	Summer1	BDIN	0.1044	-0.0026	High BDLs	0.9584	-0.0003	No Trend	0.2931	Same	0.2296	No Trend
RPPMH	Summer1	STP	0.0014	0.0021	Degrading	0.1306	-0.0010	No Trend	0.0008	Different	0.2758	-
RPPMH	Summer1	BTP	0.0661	0.0015	No Trend	0.1593	-0.0011	No Trend	0.0200	Same	0.8219	No Trend
RPPMH	Summer1	SPO4F	0.4137	0.0000	High BDLs	0.9578	0.0000	No Trend	0.8096	Same	0.6645	No Trend
RPPMH	Summer1	BPO4F	0.1238	0.0000	High BDLs	0.9163	0.0000	No Trend	0.5245	Same	0.3633	No Trend
RPPOH	Summer1	STN	0.0237	0.0372	No Trend	0.4980	-0.0059	No Trend	0.0348	Same	0.2829	No Trend
RPPOH	Summer1	BTN	0.0005	0.0508	Degrading	0.8757	-0.0037	No Trend	0.0106	Same	0.0242	No Trend
RPPOH	Summer1	SDIN	0.1950	-0.0064	High BDLs	0.7042	0.0000	No Trend	0.5404	Same	0.2208	No Trend
RPPOH	Summer1	BDIN	0.0903	-0.0068	High BDLs	0.5837	-0.0002	No Trend	0.4550	Same	0.1069	No Trend
RPPOH	Summer1	STP	0.0135	0.0050	No Trend	0.0163	-0.0035	No Trend	0.0005	Different	1.0000	-
RPPOH	Summer1	BTP	0.0024	0.0083	Degrading	0.1177	-0.0063	No Trend	0.0009	Different	0.2931	-
RPPOH	Summer1	SPO4F	0.6171	0.0000	High BDLs	0.3430	-0.0005	No Trend	0.2633	Same	0.5760	No Trend
RPPOH	Summer1	BPO4F	1.0000	0.0000	High BDLs	0.3958	-0.0003	No Trend	0.4205	Same	0.4772	No Trend
CRRMH	Summer1	STN	0.3916	0.0108	No Trend	0.2132	0.0085	No Trend	0.7457	Same	0.1234	No Trend
CRRMH	Summer1	BTN	0.0803	0.0250	No Trend	0.0421	-0.0175	No Trend	0.0065	Different	0.6551	-
CRRMH	Summer1	SDIN	0.0006	-0.0063	High BDLs	0.3408	-0.0003	High BDLs	0.0311	Same	0.0007	Improving
CRRMH	Summer1	BDIN	0.0183	-0.0050	No Trend	0.3939	-0.0013	No Trend	0.3661	Same	0.0238	No Trend
CRRMH	Summer1	STP	0.0113	0.0013	No Trend	0.8710	0.0003	No Trend	0.1048	Same	0.0535	No Trend
CRRMH	Summer1	BTP	0.0037	0.0025	Degrading	0.3755	-0.0015	No Trend	0.0070	Different	0.1777	-
CRRMH	Summer1	SPO4F	0.0828	0.0000	High BDLs	0.6192	0.0000	No Trend	0.1798	Same	0.7015	No Trend
CRRMH	Summer1	BPO4F	0.9315	0.0000	High BDLs	0.3997	-0.0002	No Trend	0.4191	Same	0.5297	No Trend

Appendix B - Section I. Continued.

Segment	Season	Parameter	93			03			Trend		Combined	
			P value	Slope	Direction	P value	Slope	Direction	P value	Comparison	Trend	Direction
APPTF	Summer2	STN	0.0704	-0.0468	No Trend	0.7515	-0.0078	No Trend	0.2946	Same	0.1159	No Trend
APPTF	Summer2	BTN	0.1324	-0.0360	No Trend	0.5687	-0.0113	No Trend	0.5128	Same	0.1268	No Trend
APPTF	Summer2	SDIN	0.2502	-0.0150	No Trend	0.1213	-0.0163	No Trend	0.9269	Same	0.0539	No Trend
APPTF	Summer2	BDIN	0.1035	-0.0222	No Trend	0.0398	-0.0223	No Trend	0.8935	Same	0.0085	Improving
APPTF	Summer2	STP	0.9033	0.0000	No Trend	0.6729	-0.0007	No Trend	0.8641	Same	0.6687	No Trend
APPTF	Summer2	BTP	0.0432	0.0050	No Trend	0.9520	-0.0010	No Trend	0.1329	Same	0.1831	No Trend
APPTF	Summer2	SPO4F	0.1627	-0.0007	High BDLs	0.5450	0.0007	No Trend	0.1484	Same	0.6300	No Trend
APPTF	Summer2	BPO4F	0.0603	-0.0011	No Trend	0.2470	0.0004	No Trend	0.0290	Same	0.6623	No Trend
JMSTF	Summer2	STN	0.0136	-0.0596	No Trend	0.8493	0.0050	No Trend	0.0496	Same	0.1065	No Trend
JMSTF	Summer2	BTN	0.0136	-0.0628	No Trend	0.5687	-0.0097	No Trend	0.1762	Same	0.0261	No Trend
JMSTF	Summer2	SDIN	0.0055	-0.0385	Improving	0.1454	-0.0108	No Trend	0.3053	Same	0.0021	Improving
JMSTF	Summer2	BDIN	0.0006	-0.0438	Improving	0.0544	-0.0186	No Trend	0.2288	Same	0.0001	Improving
JMSTF	Summer2	STP	0.0781	-0.0050	No Trend	0.9520	-0.0004	No Trend	0.2483	Same	0.1850	No Trend
JMSTF	Summer2	BTP	0.7626	-0.0018	No Trend	0.0299	-0.0094	No Trend	0.2004	Same	0.0731	No Trend
JMSTF	Summer2	SPO4F	0.0019	-0.0067	Improving	0.3044	0.0005	No Trend	0.0031	Different	0.1569	-
JMSTF	Summer2	BPO4F	0.3164	-0.0004	No Trend	0.1830	0.0006	No Trend	0.0896	Same	0.8277	No Trend
CHKOH	Summer2	STN	0.6644	-0.0325	No Trend	1.0000	-0.0012	No Trend	0.8268	Same	0.8268	No Trend
CHKOH	Summer2	BTN	1.0000	0.0000	No Trend	0.5687	-0.0126	No Trend	0.5833	Same	0.6608	No Trend
CHKOH	Summer2	SDIN	0.7604	0.0000	High BDLs	0.7149	0.0000	No Trend	0.5981	Same	0.8952	No Trend
CHKOH	Summer2	BDIN	0.6885	0.0000	High BDLs	1.0000	0.0000	No Trend	0.8089	Same	0.9038	No Trend
CHKOH	Summer2	STP	0.1444	0.0050	No Trend	0.1169	-0.0032	No Trend	0.0336	Same	0.5238	No Trend
CHKOH	Summer2	BTP	0.1017	0.0100	No Trend	0.1662	-0.0055	No Trend	0.0398	Same	0.7122	No Trend
CHKOH	Summer2	SPO4F	0.2472	0.0000	High BDLs	0.1142	0.0008	No Trend	0.2399	Same	0.0601	No Trend
CHKOH	Summer2	BPO4F	0.5997	0.0000	High BDLs	0.0787	0.0006	No Trend	0.1521	Same	0.0587	No Trend
JMSOH	Summer2	STN	0.5860	-0.0037	No Trend	0.9520	0.0008	No Trend	0.6387	Same	0.7651	No Trend
JMSOH	Summer2	BTN	0.3062	0.0195	No Trend	0.9040	-0.0046	No Trend	0.3942	Same	0.5509	No Trend
JMSOH	Summer2	SDIN	0.0173	-0.0150	No Trend	0.6025	0.0014	No Trend	0.0266	Same	0.1435	No Trend
JMSOH	Summer2	BDIN	0.0047	-0.0165	Improving	0.6544	0.0020	No Trend	0.0114	Same	0.0610	No Trend
JMSOH	Summer2	STP	0.0180	0.0054	No Trend	0.3666	0.0014	No Trend	0.3258	Same	0.0188	No Trend
JMSOH	Summer2	BTP	0.0080	0.0090	Degrading	0.5079	-0.0016	No Trend	0.0170	Same	0.1728	No Trend
JMSOH	Summer2	SPO4F	0.0407	0.0013	No Trend	0.0080	0.0020	Degrading	0.6655	Same	0.0007	Degrading
JMSOH	Summer2	BPO4F	0.1538	0.0010	No Trend	0.0525	0.0016	No Trend	0.7288	Same	0.0152	No Trend
JMSMH	Summer2	STN	0.6212	-0.0050	No Trend	0.3421	0.0085	No Trend	0.2783	Same	0.7414	No Trend
JMSMH	Summer2	BTN	0.2599	0.0100	No Trend	0.0267	0.0193	No Trend	0.3967	Same	0.0143	No Trend
JMSMH	Summer2	SDIN	0.2563	-0.0033	No Trend	0.1258	0.0087	No Trend	0.0552	Same	0.9152	No Trend
JMSMH	Summer2	BDIN	0.2840	-0.0036	No Trend	0.0776	0.0052	No Trend	0.0395	Same	0.6514	No Trend
JMSMH	Summer2	STP	0.0122	0.0033	No Trend	0.1324	0.0031	No Trend	0.5199	Same	0.0040	Degrading
JMSMH	Summer2	BTP	0.0034	0.0041	Degrading	0.1478	0.0040	No Trend	0.3238	Same	0.0017	Degrading
JMSMH	Summer2	SPO4F	0.0567	0.0023	No Trend	0.1041	0.0020	No Trend	0.8973	Same	0.0112	No Trend
JMSMH	Summer2	BPO4F	0.1105	0.0013	No Trend	0.0403	0.0013	No Trend	0.7258	Same	0.0085	Degrading
JMSPH	Summer2	STN	0.4339	0.0066	No Trend	0.2519	0.0055	No Trend	0.8313	Same	0.1598	No Trend
JMSPH	Summer2	BTN	0.9520	-0.0019	No Trend	0.1134	0.0100	No Trend	0.2388	Same	0.3156	No Trend
JMSPH	Summer2	SDIN	0.7133	0.0000	High BDLs	0.0014	0.0041	Degrading	0.0100	Same	0.0483	No Trend
JMSPH	Summer2	BDIN	0.8080	0.0012	High BDLs	0.3062	0.0027	No Trend	0.6079	Same	0.3469	No Trend
JMSPH	Summer2	STP	1.0000	0.0000	No Trend	0.3666	0.0009	No Trend	0.5224	Same	0.5224	No Trend
JMSPH	Summer2	BTP	0.2528	0.0010	No Trend	0.2777	-0.0007	No Trend	0.1055	Same	1.0000	No Trend
JMSPH	Summer2	SPO4F	0.8550	0.0000	No Trend	0.6724	0.0003	No Trend	0.6370	Same	0.8976	No Trend
JMSPH	Summer2	BPO4F	0.6295	0.0005	No Trend	0.2054	-0.0010	No Trend	0.2008	Same	0.6089	No Trend
ELIPH	Summer2	STN	1.0000	-0.0005	No Trend	0.8567	0.0060	No Trend	0.8548	Same	0.9271	No Trend
ELIPH	Summer2	BTN	1.0000	0.0025	No Trend	0.4339	0.0056	No Trend	0.5826	Same	0.5214	No Trend
ELIPH	Summer2	SDIN	0.8323	0.0025	No Trend	0.0096	0.0173	Degrading	0.0740	Same	0.0313	No Trend
ELIPH	Summer2	BDIN	1.0000	-0.0013	No Trend	1.0000	0.0000	No Trend	1.0000	Same	1.0000	No Trend
ELIPH	Summer2	STP	0.8515	0.0000	No Trend	0.1662	0.0012	No Trend	0.4104	Same	0.2421	No Trend
ELIPH	Summer2	BTP	0.7606	-0.0002	No Trend	0.6735	-0.0009	No Trend	0.9658	Same	0.5777	No Trend
ELIPH	Summer2	SPO4F	1.0000	0.0000	No Trend	0.0809	0.0030	No Trend	0.1932	Same	0.2246	No Trend
ELIPH	Summer2	BPO4F	0.7609	0.0003	No Trend	0.8567	0.0003	No Trend	0.9659	Same	0.7001	No Trend

Appendix B - Section I. Continued.

Segment	Season	Parameter	93		93 Trend Direction	03		03 Trend Direction	Trend Comparison		Combined Trend Direction	
			P value	Slope		P value	Slope		P value	Comparison	P value	Direction
PMKTF	Summer2	STN	0.3337	-0.0093	No Trend	0.0963	0.0183	No Trend	0.0657	Same	0.8135	No Trend
PMKTF	Summer2	BTN	0.9520	0.0042	No Trend	0.9358	0.0048	No Trend	1.0000	Same	0.8850	No Trend
PMKTF	Summer2	SDIN	0.8087	-0.0060	No Trend	0.5203	0.0094	No Trend	0.5180	Same	0.8535	No Trend
PMKTF	Summer2	BDIN	0.9040	-0.0025	No Trend	0.7210	0.0062	No Trend	0.7124	Same	0.9266	No Trend
PMKTF	Summer2	STP	0.3607	0.0015	No Trend	0.7617	-0.0016	No Trend	0.3422	Same	0.6348	No Trend
PMKTF	Summer2	BTP	0.0689	0.0081	No Trend	0.1736	-0.0025	No Trend	0.0205	Same	0.6029	No Trend
PMKTF	Summer2	SPO4F	0.1722	0.0000	High BDLs	0.0819	-0.0011	No Trend	0.9229	Same	0.0260	No Trend
PMKTF	Summer2	BPO4F	0.3376	0.0000	High BDLs	0.1493	-0.0010	No Trend	0.8483	Same	0.0850	No Trend
PMKOH	Summer2	STN	0.0019	0.0300	Degrading	0.6501	-0.0048	No Trend	0.0066	Different	0.0415	-
PMKOH	Summer2	BTN	0.0190	0.0430	No Trend	0.5453	-0.0113	No Trend	0.0274	Same	0.1923	No Trend
PMKOH	Summer2	SDIN	0.7011	-0.0004	No Trend	0.2685	0.0132	No Trend	0.3064	Same	0.7590	No Trend
PMKOH	Summer2	BDIN	0.8400	-0.0019	No Trend	0.1387	0.0134	No Trend	0.2413	Same	0.4448	No Trend
PMKOH	Summer2	STP	0.0528	0.0058	No Trend	0.2595	-0.0048	No Trend	0.0254	Same	0.5314	No Trend
PMKOH	Summer2	BTP	0.1835	0.0120	No Trend	0.3542	-0.0020	No Trend	0.0995	Same	0.7837	No Trend
PMKOH	Summer2	SPO4F	0.0001	0.0025	Degrading	0.0534	0.0017	No Trend	0.1588	Same	0.0000	Degrading
PMKOH	Summer2	BPO4F	0.0030	0.0021	Degrading	0.0721	0.0018	No Trend	0.4253	Same	0.0006	Degrading
MPNTF	Summer2	STN	0.0068	-0.0308	Improving	0.6029	-0.0047	No Trend	0.0602	Same	0.0101	No Trend
MPNTF	Summer2	BTN	0.1444	-0.0108	No Trend	1.0000	-0.0020	No Trend	0.2599	Same	0.2191	No Trend
MPNTF	Summer2	SDIN	0.6735	0.0029	No Trend	0.9431	-0.0035	No Trend	0.6787	Same	0.8180	No Trend
MPNTF	Summer2	BDIN	0.7501	0.0008	No Trend	0.8861	-0.0025	No Trend	0.7033	Same	0.9242	No Trend
MPNTF	Summer2	STP	0.2417	0.0013	No Trend	0.5203	-0.0016	No Trend	0.1760	Same	0.6745	No Trend
MPNTF	Summer2	BTP	0.4801	0.0013	No Trend	0.2246	-0.0026	No Trend	0.1662	Same	0.8113	No Trend
MPNTF	Summer2	SPO4F	0.7056	0.0000	No Trend	0.0042	-0.0033	Improving	0.0263	Same	0.1187	No Trend
MPNTF	Summer2	BPO4F	0.4188	0.0000	No Trend	0.0051	-0.0036	Improving	0.2015	Same	0.0106	No Trend
MPNOH	Summer2	STN	0.0004	0.0363	Degrading	0.2248	0.0175	No Trend	0.0358	Same	0.0003	Degrading
MPNOH	Summer2	BTN	0.2029	0.0324	No Trend	1.0000	-0.0046	No Trend	0.2889	Same	0.3399	No Trend
MPNOH	Summer2	SDIN	0.6556	0.0010	No Trend	0.3491	0.0125	No Trend	0.8784	Same	0.3325	No Trend
MPNOH	Summer2	BDIN	0.8400	-0.0013	No Trend	0.0696	0.0100	No Trend	0.1592	Same	0.3147	No Trend
MPNOH	Summer2	STP	0.0178	0.0050	No Trend	0.7745	-0.0017	No Trend	0.0415	Same	0.1153	No Trend
MPNOH	Summer2	BTP	0.4454	0.0042	No Trend	0.7210	0.0036	No Trend	0.7757	Same	0.3926	No Trend
MPNOH	Summer2	SPO4F	0.0012	0.0017	Degrading	0.0626	0.0019	No Trend	0.2393	Same	0.0002	Degrading
MPNOH	Summer2	BPO4F	0.0012	0.0017	Degrading	0.1747	0.0011	No Trend	0.1587	Same	0.0008	Degrading
YRKMH	Summer2	STN	0.0363	0.0340	No Trend	0.2246	0.0103	No Trend	0.4767	Same	0.0155	No Trend
YRKMH	Summer2	BTN	0.0439	0.0373	No Trend	0.5203	0.0085	No Trend	0.3278	Same	0.0503	No Trend
YRKMH	Summer2	SDIN	0.1242	-0.0050	No Trend	0.0829	0.0150	No Trend	0.0204	Same	0.8772	No Trend
YRKMH	Summer2	BDIN	0.2496	-0.0030	No Trend	0.2669	0.0106	No Trend	0.0993	Same	0.9180	No Trend
YRKMH	Summer2	STP	0.0037	0.0071	Degrading	1.0000	0.0001	No Trend	0.0395	Same	0.0319	No Trend
YRKMH	Summer2	BTP	0.0058	0.0089	Degrading	0.3421	0.0023	No Trend	0.2235	Same	0.0078	Degrading
YRKMH	Summer2	SPO4F	0.0002	0.0033	Degrading	0.0487	0.0014	No Trend	0.2272	Same	0.0000	Degrading
YRKMH	Summer2	BPO4F	0.0014	0.0025	Degrading	0.0028	0.0013	Degrading	1.0000	Same	0.0000	Degrading
YRKPH	Summer2	STN	0.0801	0.0231	No Trend	0.4497	0.0038	No Trend	0.4508	Same	0.0629	No Trend
YRKPH	Summer2	BTN	0.0378	0.0399	No Trend	0.6501	0.0081	No Trend	0.2288	Same	0.0567	No Trend
YRKPH	Summer2	SDIN	0.6870	-0.0013	No Trend	0.4436	0.0028	No Trend	0.3989	Same	0.9160	No Trend
YRKPH	Summer2	BDIN	0.2803	0.0050	No Trend	0.7903	0.0019	No Trend	0.6025	Same	0.3200	No Trend
YRKPH	Summer2	STP	0.0349	0.0021	No Trend	0.8947	0.0001	No Trend	0.1605	Same	0.0940	No Trend
YRKPH	Summer2	BTP	0.0005	0.0040	Degrading	0.5081	0.0014	No Trend	0.0423	Same	0.0025	Degrading
YRKPH	Summer2	SPO4F	0.0195	0.0013	No Trend	0.1618	0.0014	No Trend	0.4919	Same	0.0069	Degrading
YRKPH	Summer2	BPO4F	0.0730	0.0015	No Trend	0.0639	0.0017	No Trend	1.0000	Same	0.0088	Degrading

Appendix B - Section I. Continued.

Segment	Season	Parameter	93			03			Trend		Combined	
			Trend	Slope	Direction	Trend	Slope	Direction	P value	Comparison	Trend	Direction
RPPTF	Summer2	STN	0.2528	0.0179	No Trend	0.9520	-0.0025	No Trend	0.3714	Same	0.4693	No Trend
RPPTF	Summer2	BTN	0.6735	-0.0038	No Trend	0.3062	-0.0132	No Trend	0.7017	Same	0.2873	No Trend
RPPTF	Summer2	SDIN	0.0454	0.0300	No Trend	0.2528	-0.0244	No Trend	0.0236	Same	0.5787	No Trend
RPPTF	Summer2	BDIN	0.0338	0.0246	No Trend	0.1459	-0.0233	No Trend	0.0101	Same	0.6682	No Trend
RPPTF	Summer2	STP	0.2924	0.0010	No Trend	0.0259	-0.0029	No Trend	0.0176	Same	0.4121	No Trend
RPPTF	Summer2	BTP	0.1809	0.0023	No Trend	0.0299	-0.0053	No Trend	0.0115	Same	0.5777	No Trend
RPPTF	Summer2	SPO4F	0.6134	0.0000	High BDLs	0.0536	-0.0009	No Trend	0.0559	Same	0.2203	No Trend
RPPTF	Summer2	BPO4F	0.9331	0.0000	High BDLs	0.0293	-0.0010	No Trend	0.0621	Same	0.0951	No Trend
RPPMH	Summer2	STN	0.2736	0.0090	No Trend	0.6735	-0.0011	No Trend	0.2660	Same	0.6688	No Trend
RPPMH	Summer2	BTN	0.0157	0.0222	No Trend	0.7634	-0.0018	No Trend	0.0498	Same	0.1471	No Trend
RPPMH	Summer2	SDIN	0.0087	-0.0056	High BDLs	0.3021	0.0005	No Trend	0.0102	Same	0.3438	No Trend
RPPMH	Summer2	BDIN	0.1285	-0.0022	High BDLs	0.6735	0.0015	No Trend	0.1627	Same	0.4851	No Trend
RPPMH	Summer2	STP	0.0026	0.0025	Degrading	0.3666	-0.0009	No Trend	0.0052	Different	0.1558	-
RPPMH	Summer2	BTP	0.0721	0.0017	No Trend	0.4339	-0.0009	No Trend	0.0633	Same	0.5170	No Trend
RPPMH	Summer2	SPO4F	0.4137	0.0000	High BDLs	0.8544	0.0000	No Trend	0.8709	Same	0.5512	No Trend
RPPMH	Summer2	BPO4F	0.1238	0.0000	High BDLs	0.5443	0.0003	No Trend	0.7624	Same	0.1584	No Trend
RPPOH	Summer2	STN	0.1277	0.0273	No Trend	0.1041	-0.0125	No Trend	0.0232	Same	0.9658	No Trend
RPPOH	Summer2	BTN	0.0023	0.0475	Degrading	0.6735	-0.0057	No Trend	0.0145	Same	0.0807	No Trend
RPPOH	Summer2	SDIN	0.0508	-0.0075	High BDLs	0.3408	0.0000	High BDLs	0.5023	Same	0.0356	No Trend
RPPOH	Summer2	BDIN	0.0156	-0.0075	High BDLs	0.5195	-0.0002	No Trend	0.2451	Same	0.0289	No Trend
RPPOH	Summer2	STP	0.0446	0.0046	No Trend	0.0189	-0.0033	No Trend	0.0018	Different	0.8306	-
RPPOH	Summer2	BTP	0.0019	0.0091	Degrading	0.2336	-0.0054	No Trend	0.0019	Different	0.1699	-
RPPOH	Summer2	SPO4F	0.4936	0.0000	High BDLs	0.5027	-0.0005	No Trend	0.3439	Same	0.7807	No Trend
RPPOH	Summer2	BPO4F	0.8021	0.0000	High BDLs	0.7152	-0.0002	No Trend	0.6224	Same	0.8696	No Trend
CRRMH	Summer2	STN	0.8798	0.0050	No Trend	0.1835	0.0154	No Trend	0.3822	Same	0.2440	No Trend
CRRMH	Summer2	BTN	0.1104	0.0250	No Trend	0.0189	-0.0215	No Trend	0.0040	Different	0.4224	-
CRRMH	Summer2	SDIN	0.0048	-0.0050	High BDLs	0.4671	-0.0001	No Trend	0.0797	Same	0.0059	Improving
CRRMH	Summer2	BDIN	0.0197	-0.0050	No Trend	0.5007	-0.0013	No Trend	0.2980	Same	0.0327	No Trend
CRRMH	Summer2	STP	0.0058	0.0017	Degrading	0.3421	0.0011	No Trend	0.2237	Same	0.0078	Degrading
CRRMH	Summer2	BTP	0.0059	0.0025	Degrading	0.3062	-0.0023	No Trend	0.0072	Different	0.2593	-
CRRMH	Summer2	SPO4F	0.0828	0.0000	High BDLs	0.8976	0.0000	No Trend	0.2612	Same	0.4222	No Trend
CRRMH	Summer2	BPO4F	0.3879	0.0000	High BDLs	0.3951	-0.0004	No Trend	0.2181	Same	0.8373	No Trend

Appendix B - Section I. Continued.

Segment	Season	Parameter	93		93 Trend Direction	03		03 Trend Direction	Trend Comparison		Trend Comparison	Combined	
			P value	Slope		P value	Slope		P value	Comparison		P value	Trend Direction
APPTF	Winter	STN	1.0000	0.0100	No Trend	0.0941	0.0141	No Trend	0.2210	Same	0.1782	No Trend	
APPTF	Winter	BTN	0.9066	0.0175	No Trend	0.6073	0.0085	No Trend	0.7820	Same	0.5800	No Trend	
APPTF	Winter	SDIN	1.0000	-0.0040	No Trend	1.0000	-0.0018	No Trend	1.0000	Same	1.0000	No Trend	
APPTF	Winter	BDIN	0.6366	-0.0142	No Trend	0.9365	-0.0041	No Trend	0.8949	Same	0.6917	No Trend	
APPTF	Winter	STP	0.0799	0.0067	No Trend	0.3805	0.0026	No Trend	0.7114	Same	0.0643	No Trend	
APPTF	Winter	BTP	0.2081	0.0050	No Trend	1.0000	-0.0001	No Trend	0.3691	Same	0.4414	No Trend	
APPTF	Winter	SPO4F	0.0817	-0.0020	No Trend	0.1833	-0.0018	No Trend	1.0000	Same	0.0309	No Trend	
APPTF	Winter	BPO4F	0.1054	-0.0025	High BDLs	0.2969	-0.0016	No Trend	0.8999	Same	0.0593	No Trend	
JMSTF	Winter	STN	0.1813	-0.0650	No Trend	0.6902	0.0129	No Trend	0.2210	Same	0.6244	No Trend	
JMSTF	Winter	BTN	0.1969	-0.1113	No Trend	0.2318	0.0414	No Trend	0.0750	Same	0.8432	No Trend	
JMSTF	Winter	SDIN	0.4449	-0.0310	No Trend	0.9412	-0.0026	No Trend	0.7262	Same	0.5595	No Trend	
JMSTF	Winter	BDIN	0.7249	-0.0413	No Trend	0.8250	0.0086	No Trend	0.6622	Same	1.0000	No Trend	
JMSTF	Winter	STP	0.0856	-0.0086	No Trend	1.0000	0.0001	No Trend	0.2706	Same	0.2706	No Trend	
JMSTF	Winter	BTP	0.3835	-0.0067	No Trend	0.2318	0.0060	No Trend	0.1239	Same	0.7583	No Trend	
JMSTF	Winter	SPO4F	0.0207	-0.0093	No Trend	0.0639	-0.0017	No Trend	1.0000	Same	0.0033	Improving	
JMSTF	Winter	BPO4F	0.0517	-0.0071	No Trend	0.0247	-0.0024	No Trend	0.5933	Same	0.0025	Improving	
CHKOH	Winter	STN	0.3865	-0.0675	No Trend	0.6902	-0.0133	No Trend	1.0000	Same	0.4257	No Trend	
CHKOH	Winter	BTN	0.4712	-0.2438	No Trend	0.3000	-0.0232	No Trend	0.4959	Same	0.1983	No Trend	
CHKOH	Winter	SDIN	0.1190	-0.1050	No Trend	0.3379	-0.0130	No Trend	0.8387	Same	0.1187	No Trend	
CHKOH	Winter	BDIN	0.4712	-0.0988	No Trend	0.2688	-0.0158	No Trend	0.4382	Same	0.1806	No Trend	
CHKOH	Winter	STP	0.4470	0.0033	No Trend	0.4731	-0.0037	No Trend	0.3033	Same	0.7687	No Trend	
CHKOH	Winter	BTP	0.2760	0.0088	No Trend	0.5768	-0.0029	No Trend	0.3068	Same	1.0000	No Trend	
CHKOH	Winter	SPO4F	0.8026	0.0000	High BDLs	0.0639	-0.0009	No Trend	0.1021	Same	0.0550	No Trend	
CHKOH	Winter	BPO4F	1.0000	0.0000	High BDLs	0.0209	-0.0010	No Trend	0.0240	Same	0.0343	No Trend	
JMSOH	Winter	STN	0.3929	-0.0328	No Trend	0.0595	-0.0353	No Trend	0.3851	Same	0.0383	No Trend	
JMSOH	Winter	BTN	0.5066	-0.0463	No Trend	0.0102	-0.0817	No Trend	0.0841	Same	0.0096	Improving	
JMSOH	Winter	SDIN	0.0710	-0.0504	No Trend	0.0085	-0.0507	Improving	0.3389	Same	0.0011	Improving	
JMSOH	Winter	BDIN	0.0842	-0.0454	No Trend	0.0053	-0.0592	Improving	0.1511	Same	0.0008	Improving	
JMSOH	Winter	STP	0.6674	0.0029	No Trend	0.0595	-0.0056	No Trend	0.0706	Same	0.2550	No Trend	
JMSOH	Winter	BTP	0.1349	0.0152	No Trend	0.0260	-0.0148	No Trend	0.0062	Different	0.4624	No Trend*	
JMSOH	Winter	SPO4F	0.0389	-0.0025	No Trend	0.0314	-0.0020	No Trend	0.6527	Same	0.0025	Improving	
JMSOH	Winter	BPO4F	0.2724	-0.0017	No Trend	0.0314	-0.0019	No Trend	0.3020	Same	0.0142	No Trend	
JMSMH	Winter	STN	0.9154	0.0031	No Trend	0.0036	-0.0760	Improving	0.0164	Same	0.0329	No Trend	
JMSMH	Winter	BTN	0.3524	0.0194	No Trend	0.1706	-0.0428	No Trend	0.0841	Same	0.5647	No Trend	
JMSMH	Winter	SDIN	0.9154	-0.0100	No Trend	0.0595	-0.0795	No Trend	0.1824	Same	0.1096	No Trend	
JMSMH	Winter	BDIN	0.6902	0.0084	No Trend	0.1218	-0.0373	No Trend	0.1124	Same	0.3123	No Trend	
JMSMH	Winter	STP	0.5891	0.0020	No Trend	0.1439	-0.0025	No Trend	0.1218	Same	0.4593	No Trend	
JMSMH	Winter	BTP	0.5912	0.0010	No Trend	0.3041	-0.0035	No Trend	0.2281	Same	0.6878	No Trend	
JMSMH	Winter	SPO4F	0.8166	0.0000	High BDLs	0.1097	-0.0008	No Trend	0.1299	Same	0.2630	No Trend	
JMSMH	Winter	BPO4F	1.0000	0.0000	High BDLs	0.8717	-0.0001	No Trend	0.8381	Same	0.9457	No Trend	
JMSPH	Winter	STN	0.7124	-0.0134	No Trend	0.0223	-0.0303	No Trend	0.1925	Same	0.0538	No Trend	
JMSPH	Winter	BTN	0.8250	0.0028	No Trend	0.0180	-0.0242	No Trend	0.0602	Same	0.1439	No Trend	
JMSPH	Winter	SDIN	0.3317	-0.0076	High BDLs	0.0099	-0.0269	Improving	0.2706	Same	0.0102	No Trend	
JMSPH	Winter	BDIN	0.5921	0.0000	High BDLs	0.0325	-0.0054	No Trend	0.0495	Same	0.2648	No Trend	
JMSPH	Winter	STP	0.3007	-0.0010	No Trend	0.0900	-0.0013	No Trend	0.6762	Same	0.0473	No Trend	
JMSPH	Winter	BTP	0.4174	-0.0021	No Trend	0.0064	-0.0033	Improving	0.1925	Same	0.0106	No Trend	
JMSPH	Winter	SPO4F	0.4367	0.0000	High BDLs	0.0266	-0.0007	High BDLs	0.3087	Same	0.0280	No Trend	
JMSPH	Winter	BPO4F	0.7531	0.0000	High BDLs	0.0019	-0.0010	Improving	0.0463	Same	0.0114	No Trend	
ELIPH	Winter	STN	0.8485	-0.0040	No Trend	0.7124	-0.0136	No Trend	0.9071	Same	0.6406	No Trend	
ELIPH	Winter	BTN	0.0710	-0.0296	No Trend	0.4731	-0.0229	No Trend	0.6554	Same	0.0852	No Trend	
ELIPH	Winter	SDIN	0.3879	-0.0203	No Trend	0.5070	-0.0150	No Trend	1.0000	Same	0.2667	No Trend	
ELIPH	Winter	BDIN	0.5216	-0.0113	No Trend	0.0150	-0.0135	No Trend	0.1147	Same	0.0152	No Trend	
ELIPH	Winter	STP	0.3855	-0.0007	No Trend	0.2688	-0.0018	No Trend	0.7145	Same	0.1434	No Trend	
ELIPH	Winter	BTP	0.5019	0.0018	No Trend	0.8250	-0.0007	No Trend	0.5202	Same	0.8608	No Trend	
ELIPH	Winter	SPO4F	0.3713	-0.0004	High BDLs	0.0212	-0.0007	High BDLs	0.2114	Same	0.0147	No Trend	
ELIPH	Winter	BPO4F	0.8457	0.0000	High BDLs	0.0539	-0.0007	No Trend	0.0873	Same	0.1751	No Trend	

Appendix B - Section I. Continued.

Segment	Season	Parameter	93			03			Trend		Combined	
			Trend P value	Slope	Direction	Trend P value	Slope	Direction	Trend P value	Comparison	Trend P value	Direction
PMKTF	Winter	STN	0.8595	0.0036	No Trend	0.0035	0.0297	Degrading	0.0655	Same	0.0262	No Trend
PMKTF	Winter	BTN	0.1349	-0.0255	No Trend	0.0230	0.0413	No Trend	0.0060	Different	0.6032	No Trend*
PMKTF	Winter	SDIN	0.5983	-0.0100	No Trend	0.1298	0.0137	No Trend	0.1248	Same	0.4787	No Trend
PMKTF	Winter	BDIN	0.4521	-0.0183	No Trend	0.4311	0.0090	No Trend	0.2488	Same	0.9459	No Trend
PMKTF	Winter	STP	0.6569	0.0023	No Trend	0.0867	0.0046	No Trend	0.3880	Same	0.1089	No Trend
PMKTF	Winter	BTP	0.2831	0.0020	No Trend	0.0357	0.0077	No Trend	0.5569	Same	0.0223	No Trend
PMKTF	Winter	SPO4F	0.4047	0.0000	High BDLs	0.8721	-0.0002	No Trend	0.8847	Same	0.5620	No Trend
PMKTF	Winter	BPO4F	0.3827	0.0000	High BDLs	0.7893	-0.0001	No Trend	1.0000	Same	0.5094	No Trend
PMKOH	Winter	STN	0.2518	-0.0267	No Trend	0.2245	0.0220	No Trend	0.0830	Same	1.0000	No Trend
PMKOH	Winter	BTN	0.8604	-0.0100	No Trend	0.7404	0.0152	No Trend	0.6401	Same	0.9255	No Trend
PMKOH	Winter	SDIN	0.0684	-0.0150	No Trend	0.8485	-0.0004	No Trend	0.2789	Same	0.1365	No Trend
PMKOH	Winter	BDIN	0.3865	-0.0104	No Trend	1.0000	-0.0013	No Trend	0.7380	Same	0.6158	No Trend
PMKOH	Winter	STP	1.0000	0.0000	No Trend	0.6794	0.0018	No Trend	0.8314	Same	0.7228	No Trend
PMKOH	Winter	BTP	0.5919	0.0035	No Trend	1.0000	0.0069	No Trend	0.8061	Same	0.6824	No Trend
PMKOH	Winter	SPO4F	0.7656	0.0000	High BDLs	0.4925	-0.0005	No Trend	0.7431	Same	0.4127	No Trend
PMKOH	Winter	BPO4F	1.0000	0.0000	High BDLs	0.3879	-0.0006	No Trend	0.4490	Same	0.4490	No Trend
MPNTF	Winter	STN	0.5983	-0.0235	No Trend	0.0165	0.0235	No Trend	0.0319	Same	0.1979	No Trend
MPNTF	Winter	BTN	1.0000	0.0038	No Trend	0.0684	0.0161	No Trend	0.1583	Same	0.1583	No Trend
MPNTF	Winter	SDIN	0.3359	-0.0121	No Trend	0.2318	0.0060	No Trend	0.1116	Same	0.8597	No Trend
MPNTF	Winter	BDIN	1.0000	-0.0010	No Trend	0.3600	0.0069	No Trend	0.4261	Same	0.5149	No Trend
MPNTF	Winter	STP	0.1228	0.0025	No Trend	0.1753	0.0044	No Trend	1.0000	Same	0.0360	No Trend
MPNTF	Winter	BTP	0.0998	0.0050	No Trend	0.0287	0.0047	No Trend	0.6905	Same	0.0053	Degrading
MPNTF	Winter	SPO4F	0.2433	0.0000	High BDLs	0.1698	-0.0008	No Trend	0.5131	Same	0.0692	No Trend
MPNTF	Winter	BPO4F	0.7423	0.0000	High BDLs	0.3483	-0.0006	No Trend	0.5685	Same	0.2896	No Trend
MPNOH	Winter	STN	1.0000	0.0000	No Trend	0.2124	0.0233	No Trend	0.3988	Same	0.3988	No Trend
MPNOH	Winter	BTN	1.0000	-0.0017	No Trend	0.4085	0.0150	No Trend	0.4614	Same	0.5668	No Trend
MPNOH	Winter	SDIN	0.3271	-0.0117	No Trend	0.5403	0.0083	No Trend	0.2356	Same	0.8515	No Trend
MPNOH	Winter	BDIN	1.0000	0.0000	No Trend	1.0000	0.0000	No Trend	1.0000	Same	1.0000	No Trend
MPNOH	Winter	STP	0.3284	-0.0043	No Trend	0.4311	0.0018	No Trend	0.1905	Same	0.9503	No Trend
MPNOH	Winter	BTP	0.1948	0.0075	No Trend	0.3396	0.0041	No Trend	0.9430	Same	0.0998	No Trend
MPNOH	Winter	SPO4F	0.7656	0.0000	High BDLs	1.0000	0.0000	No Trend	0.8180	Same	0.9389	No Trend
MPNOH	Winter	BPO4F	0.5959	0.0000	High BDLs	0.6999	-0.0006	No Trend	1.0000	Same	0.4985	No Trend
YRKMH	Winter	STN	0.5403	-0.0142	No Trend	0.2150	0.0143	No Trend	0.1818	Same	0.7894	No Trend
YRKMH	Winter	BTN	0.2330	0.0450	No Trend	0.3015	0.0257	No Trend	0.9323	Same	0.1066	No Trend
YRKMH	Winter	SDIN	0.3798	-0.0108	No Trend	0.3396	-0.0154	No Trend	1.0000	Same	0.1746	No Trend
YRKMH	Winter	BDIN	1.0000	0.0000	No Trend	0.1813	-0.0115	No Trend	0.2587	Same	0.2587	No Trend
YRKMH	Winter	STP	0.0509	0.0050	No Trend	0.2518	0.0064	No Trend	0.5585	Same	0.0229	No Trend
YRKMH	Winter	BTP	0.0545	0.0075	No Trend	0.4449	0.0040	No Trend	0.5217	Same	0.0546	No Trend
YRKMH	Winter	SPO4F	0.3498	0.0000	High BDLs	1.0000	0.0000	No Trend	0.5916	Same	0.5024	No Trend
YRKMH	Winter	BPO4F	0.1223	0.0000	High BDLs	1.0000	0.0000	No Trend	0.4565	Same	0.3715	No Trend
YRKPH	Winter	STN	0.2853	-0.0100	No Trend	0.6794	-0.0096	No Trend	0.6711	Same	0.2575	No Trend
YRKPH	Winter	BTN	0.8964	-0.0050	No Trend	0.2150	-0.0118	No Trend	0.4183	Same	0.2572	No Trend
YRKPH	Winter	SDIN	0.3245	-0.0043	High BDLs	0.1813	-0.0030	No Trend	0.8370	Same	0.0865	No Trend
YRKPH	Winter	BDIN	0.1486	-0.0044	High BDLs	0.4407	-0.0013	No Trend	0.8765	Same	0.1202	No Trend
YRKPH	Winter	STP	0.0621	0.0023	No Trend	0.1265	0.0026	No Trend	0.7947	Same	0.0134	No Trend
YRKPH	Winter	BTP	0.0080	0.0025	Degrading	0.7025	-0.0014	No Trend	0.0285	Same	0.1320	No Trend
YRKPH	Winter	SPO4F	0.0205	0.0000	High BDLs	0.6594	-0.0003	No Trend	0.0976	Same	0.4514	No Trend
YRKPH	Winter	BPO4F	0.0573	0.0000	High BDLs	0.8606	-0.0002	No Trend	0.3000	Same	0.5768	No Trend

Appendix B - Section I. Continued.

Segment	Season	Parameter	93			03			Trend		Combined	
			Trend P value	93 Slope	93 Direction	Trend P value	03 Slope	03 Direction	Trend P value	Trend Comparison	Trend P value	Combined Direction
RPPTF	Winter	STN	0.0662	-0.0514	No Trend	0.0965	0.0427	No Trend	0.0112	Same	0.9507	No Trend
RPPTF	Winter	BTN	0.0034	-0.0910	Improving	0.0662	0.0311	No Trend	0.0010	Different	0.8334	-
RPPTF	Winter	SDIN	0.9300	0.0058	No Trend	0.0463	0.0335	No Trend	0.1746	Same	0.1110	No Trend
RPPTF	Winter	BDIN	0.9066	-0.0030	No Trend	0.0667	0.0413	No Trend	0.0993	Same	0.1661	No Trend
RPPTF	Winter	STP	0.4621	-0.0014	No Trend	0.8485	0.0010	No Trend	0.4663	Same	0.7405	No Trend
RPPTF	Winter	BTP	0.0302	-0.0100	No Trend	0.4449	0.0033	No Trend	0.0335	Same	0.3727	No Trend
RPPTF	Winter	SPO4F	0.3355	0.0000	High BDLs	0.0006	-0.0014	Improving	0.0238	Same	0.0005	Improving
RPPTF	Winter	BPO4F	0.1168	0.0000	High BDLs	0.0006	-0.0013	Improving	0.0678	Same	0.0002	Improving
RPPMH	Winter	STN	0.4731	0.0081	No Trend	0.1613	-0.0327	No Trend	0.1165	Same	0.6262	No Trend
RPPMH	Winter	BTN	0.2688	0.0125	No Trend	0.0465	-0.0450	No Trend	0.0250	Same	0.5664	No Trend
RPPMH	Winter	SDIN	1.0000	-0.0004	No Trend	0.2688	-0.0170	No Trend	0.4479	Same	0.3858	No Trend
RPPMH	Winter	BDIN	1.0000	0.0017	No Trend	0.1613	-0.0153	No Trend	0.2965	Same	0.3474	No Trend
RPPMH	Winter	STP	0.0385	0.0025	No Trend	0.1602	-0.0021	No Trend	0.0121	Same	0.6758	No Trend
RPPMH	Winter	BTP	0.0346	0.0033	No Trend	0.4174	-0.0017	No Trend	0.0349	Same	0.3989	No Trend
RPPMH	Winter	SPO4F	0.3378	0.0000	High BDLs	0.8809	0.0000	No Trend	0.7927	Same	0.5112	No Trend
RPPMH	Winter	BPO4F	0.3378	0.0000	High BDLs	0.7662	-0.0001	No Trend	0.8961	Same	0.4331	No Trend
RPPOH	Winter	STN	0.1265	-0.0575	No Trend	0.5954	-0.0459	No Trend	0.4777	Same	0.1183	No Trend
RPPOH	Winter	BTN	0.8943	-0.0180	No Trend	0.4572	-0.0250	No Trend	0.6783	Same	0.4553	No Trend
RPPOH	Winter	SDIN	0.0684	-0.0400	No Trend	0.3359	0.0409	No Trend	0.0451	Same	0.6509	No Trend
RPPOH	Winter	BDIN	0.0842	-0.0447	No Trend	0.3359	0.0360	No Trend	0.0678	Same	0.9418	No Trend
RPPOH	Winter	STP	0.0323	0.0050	No Trend	0.1813	-0.0103	No Trend	0.0117	Same	0.6333	No Trend
RPPOH	Winter	BTP	0.0188	0.0100	No Trend	0.1813	-0.0109	No Trend	0.0084	Different	0.6183	No Trend*
RPPOH	Winter	SPO4F	0.7423	0.0000	High BDLs	0.1826	-0.0007	No Trend	0.1594	Same	0.3482	No Trend
RPPOH	Winter	BPO4F	0.4533	0.0000	High BDLs	0.1074	-0.0010	No Trend	0.2384	Same	0.0639	No Trend
CRRMH	Winter	STN	0.0517	0.0300	No Trend	0.9066	-0.0062	No Trend	0.0995	Same	0.1777	No Trend
CRRMH	Winter	BTN	0.2911	0.0300	No Trend	0.5575	-0.0083	No Trend	0.2134	Same	0.8035	No Trend
CRRMH	Winter	SDIN	0.9209	0.0000	High BDLs	0.6902	-0.0011	No Trend	0.6908	Same	0.9366	No Trend
CRRMH	Winter	BDIN	0.6318	0.0080	High BDLs	1.0000	0.0000	No Trend	0.7075	Same	0.7075	No Trend
CRRMH	Winter	STP	0.1943	0.0025	No Trend	0.5548	-0.0010	No Trend	0.1447	Same	0.5596	No Trend
CRRMH	Winter	BTP	0.0391	0.0023	No Trend	0.2911	-0.0011	No Trend	0.0191	Same	0.3793	No Trend
CRRMH	Winter	SPO4F		0.0000	High BDLs	0.8391	0.0000	No Trend	0.8391	Same	0.8391	No Trend
CRRMH	Winter	BPO4F	0.2801	0.0000	High BDLs	0.1921	0.0001	No Trend	0.0773	Same	0.6741	No Trend

Appendix B - Section II. Seasonal Kendall Long-term trends in water quality for the Virginia tributaries (1985-2002) and Elizabeth River (1989-2003). Parameters are as follows: STN=Surface total nitrogen, BTN=Bottom total nitrogen, SDIN=Surface dissolved inorganic nitrogen, BDIN=Bottom dissolved inorganic nitrogen, STP=Surface total phosphorus, BTP=Bottom total phosphorus, SPO4F=Surface dissolved inorganic phosphorus, BPO4F=Bottom dissolved inorganic phosphorus, SCHLA=Surface chlorophyll *a*, STSS=Surface total suspended solids, BTSS=Bottom total suspended solids, SEECHE=Secchi depth, BDO=Bottom dissolved oxygen, SSALIN=Surface salinity, BSALIN=Bottom salinity, SWTEMP=Surface water temperature, BWTEMP=Bottom water temperature.

Segment	Season	Layer	Parameter	% BDL	P value	Slope	Baseline	Absolute Change	Percent Change	Direction	Homogeneity test P value
APPTF	Annual	S	SCHLA	21.43	0.2261	-0.0470	30.94	0.00	0.00	No trend	0.6817
APPTF	Annual	S	STSS	0.00	0.6607	0.0000	19.50	0.00	0.00	No trend	0.3737
APPTF	Annual	B	BTSS	0.00	0.9092	0.0000	27.25	0.00	0.00	No trend	0.5621
APPTF	Annual	S	SECCHI	0.00	0.0171	0.0000	0.50	0.00	0.00	No trend	0.7694
APPTF	Annual	B	BDO	0.00	0.0127	0.0300	8.95	0.57	6.37	No trend	0.2155
APPTF	Annual	S	SSALIN	0.00	0.0002	0.0000	0.01	0.00	0.00	Unchanged	0.6304
APPTF	Annual	B	BSALIN	0.00	0.0000	0.0000	0.01	0.00	0.00	Unchanged	0.7449
APPTF	Annual	B	BWTEMP	0.00	0.0398	0.0682	19.00	1.30	6.82	No trend	0.2952
APPTF	Annual	S	SWTEMP	0.00	0.0288	0.0627	19.68	1.19	6.05	No trend	0.2594
JMSTF	Annual	S	SCHLA	42.26	0.5318	0.0000	6.67	0.00	0.00	High BDLs	0.9236
JMSTF	Annual	S	STSS	15.72	0.2574	0.0833	14.75	0.00	0.00	No trend	0.6855
JMSTF	Annual	B	BTSS	3.05	0.0051	1.0000	172.00	19.00	11.05	Degrading	0.2998
JMSTF	Annual	S	SECCHI	0.00	0.0000	-0.0067	0.70	-0.13	-18.10	Degrading	0.3560
JMSTF	Annual	B	BDO	0.00	0.0024	0.0325	7.83	0.62	7.89	Improving	0.1871
JMSTF	Annual	S	SSALIN	0.00	0.0000	0.0000	0.01	0.00	0.00	Unchanged	0.9928
JMSTF	Annual	B	BSALIN	0.00	0.0000	0.0000	0.01	0.00	0.00	Unchanged	0.9041
JMSTF	Annual	B	BWTEMP	0.00	0.2484	0.0325	18.48	0.62	3.34	No trend	0.1557
JMSTF	Annual	S	SWTEMP	0.00	0.2141	0.0303	17.88	0.58	3.22	No trend	0.2254
CHKOH	Annual	S	SCHLA	7.75	0.0052	-0.4009	22.35	-6.41	-28.71	Improving	0.0498
CHKOH	Annual	S	STSS	0.00	0.0652	0.2500	17.50	4.00	22.86	No trend	0.1934
CHKOH	Annual	B	BTSS	0.00	0.0010	1.0000	27.00	16.00	59.26	Degrading	0.6635
CHKOH	Annual	S	SECCHI	0.00	0.0000	-0.0091	0.60	-0.15	-24.24	Degrading	0.4664
CHKOH	Annual	B	BDO	0.00	0.7234	0.0077	8.88	0.12	1.40	No trend	0.2285
CHKOH	Annual	S	SSALIN	0.00	0.0000	0.0000	0.01	0.00	0.00	Unchanged	0.9255
CHKOH	Annual	B	BSALIN	0.00	0.0000	0.0000	0.01	0.00	0.00	Unchanged	0.9228
CHKOH	Annual	B	BWTEMP	0.00	0.4274	0.0162	15.60	0.26	1.67	No trend	0.0766
CHKOH	Annual	S	SWTEMP	0.00	0.5471	0.0187	16.00	0.30	1.87	No trend	0.0842
JMSOH	Annual	S	SCHLA	18.32	0.1169	-0.0810	7.22	0.00	0.00	No trend	0.7633
JMSOH	Annual	S	STSS	2.43	0.0235	-0.4354	662.00	-8.27	-1.25	No trend	0.7332
JMSOH	Annual	B	BTSS	0.44	0.7409	-0.2308	290.00	-4.38	-1.51	No trend	0.5620
JMSOH	Annual	S	SECCHI	0.00	0.1581	0.0000	0.53	0.00	0.00	No trend	0.8626
JMSOH	Annual	B	BDO	0.00	0.1290	-0.0167	8.08	-0.32	-3.92	No trend	0.8167
JMSOH	Annual	S	SSALIN	0.00	0.0092	0.0458	2.72	0.87	32.05	Increasing	0.8273
JMSOH	Annual	B	BSALIN	0.00	0.0037	0.0795	3.47	1.51	43.53	Increasing	0.7677
JMSOH	Annual	B	BWTEMP	0.00	0.6057	0.0148	18.48	0.28	1.52	No trend	0.2468
JMSOH	Annual	S	SWTEMP	0.00	0.4608	0.0200	18.30	0.38	2.08	No trend	0.1974
JMSMH	Annual	S	SCHLA	28.21	0.6059	-0.0080	4.47	0.00	0.00	No trend	0.1161
JMSMH	Annual	S	STSS	8.83	0.4570	-0.0670	15.00	-1.27	-8.48	No trend	0.8080
JMSMH	Annual	B	BTSS	3.96	0.0009	0.7500	142.00	14.25	10.04	Degrading	0.3316
JMSMH	Annual	S	SECCHI	0.00	0.6075	0.0000	0.95	0.00	0.00	No trend	0.8039
JMSMH	Annual	B	BDO	0.00	0.2635	-0.0111	7.50	-0.21	-2.80	No trend	0.0160
JMSMH	Annual	S	SSALIN	0.00	0.1200	0.0995	14.96	1.89	12.64	No trend	0.7538
JMSMH	Annual	B	BSALIN	0.00	0.2237	0.0500	18.35	0.95	5.18	No trend	0.5316
JMSMH	Annual	B	BWTEMP	0.00	0.5177	0.0127	19.90	0.24	1.21	No trend	0.2430
JMSMH	Annual	S	SWTEMP	0.00	0.8313	0.0053	20.13	0.10	0.50	No trend	0.3411
JMSPH	Annual	S	SCHLA	16.43	0.2888	0.0318	8.19	0.00	0.00	No trend	0.0000
JMSPH	Annual	S	STSS	7.74	0.1821	0.0708	8.25	1.34	16.29	No trend	0.1344
JMSPH	Annual	B	BTSS	2.06	0.5512	-0.0686	18.45	-1.30	-7.07	No trend	0.0024
JMSPH	Annual	S	SECCHI	0.00	0.0007	-0.0111	1.30	-0.21	-16.24	Degrading	0.0211
JMSPH	Annual	B	BDO	0.00	0.0000	0.0426	7.63	0.81	10.61	Improving	0.4904
JMSPH	Annual	S	SSALIN	0.00	0.2982	-0.0417	21.56	-0.79	-3.67	No trend	0.7886
JMSPH	Annual	B	BSALIN	0.00	0.0000	-0.1418	24.64	-2.69	-10.94	Decreasing	0.6178
JMSPH	Annual	B	BWTEMP	0.00	0.0032	0.0623	16.95	1.18	6.99	Increasing	0.2168
JMSPH	Annual	S	SWTEMP	0.00	0.9355	0.0000	17.40	0.00	0.00	No trend	0.4469

Appendix B - Section II. - Continued.

Segment	Season	Layer	Parameter	% BDL	P value	Slope	Absolute			Percent Change	Direction	Homogeneity	
							Baseline	Change	Change			test	P value
WBEMH	Annual	S	STN	0.00	0.0006	-0.0094	0.80	-0.14	-17.69	Improving	0.9998		
WBEMH	Annual	B	BTN	0.00	0.0137	-0.0069	0.79	-0.10	-13.12	No trend	0.9642		
WBEMH	Annual	S	SDIN	6.18	0.2220	-0.0012	0.20	-0.02	-8.93	No trend	0.9991		
WBEMH	Annual	B	BDIN	2.81	0.1867	-0.0022	0.26	-0.03	-12.68	No trend	0.9916		
WBEMH	Annual	S	STP	0.00	0.0000	-0.0019	0.08	-0.03	-33.68	Improving	0.7637		
WBEMH	Annual	B	BTP	0.00	0.0000	-0.0017	0.08	-0.02	-31.20	Improving	0.4516		
WBEMH	Annual	S	SPO4F	14.69	0.5195	0.0000	0.01	0.00	0.00	No trend	0.4456		
WBEMH	Annual	B	BPO4F	13.48	0.8750	0.0000	0.01	0.00	0.00	No trend	0.1694		
WBEMH	Annual	S	SCHLA	0.00	0.0083	-0.3733	23.00	-5.60	-24.34	Improving	0.1999		
WBEMH	Annual	S	STSS	0.00	0.0160	-0.3233	20.60	-4.85	-23.54	No trend	0.2610		
WBEMH	Annual	B	BTSS	0.00	0.0367	-0.4380	20.50	-6.57	-32.05	No trend	0.3763		
WBEMH	Annual	S	SECCHI	0.00	0.0156	0.0000	0.60	0.00	0.00	No trend	0.6555		
WBEMH	Annual	B	BDO	0.00	0.0009	0.0750	6.90	1.13	16.30	Improving	0.9560		
WBEMH	Annual	S	SSALIN	0.00	0.0191	0.1500	15.90	2.25	14.15	No trend	0.9487		
WBEMH	Annual	B	BSALIN	0.00	0.0801	0.1060	16.70	1.59	9.52	No trend	0.8828		
WBEMH	Annual	B	BWTEMP	0.00	0.2048	0.0448	16.15	0.67	4.16	No trend	0.7244		
WBEMH	Annual	S	SWTEMP	0.00	0.1486	0.0560	17.00	0.84	4.94	No trend	0.3542		
SBEMH	Annual	S	STN	0.00	0.0018	-0.0148	1.33	-0.22	-16.66	Improving	0.7046		
SBEMH	Annual	B	BTN	0.00	0.3509	-0.0032	1.07	-0.05	-4.46	No trend	0.6626		
SBEMH	Annual	S	SDIN	0.00	0.0001	-0.0145	0.74	-0.22	-29.44	Improving	0.9182		
SBEMH	Annual	B	BDIN	0.00	0.1401	-0.0044	0.59	-0.07	-11.14	No trend	0.4541		
SBEMH	Annual	S	STP	0.00	0.0000	-0.0011	0.07	-0.02	-23.21	Improving	0.5980		
SBEMH	Annual	B	BTP	0.00	0.0000	-0.0015	0.08	-0.02	-28.57	Improving	0.7514		
SBEMH	Annual	S	SPO4F	2.52	0.0999	0.0008	0.03	0.01	22.82	No trend	0.3703		
SBEMH	Annual	B	BPO4F	5.32	0.4642	0.0005	0.04	0.00	11.59	No trend	0.5242		
SBEMH	Annual	S	SCHLA	1.99	0.0723	-0.1080	4.05	-1.62	-40.01	No trend	0.7906		
SBEMH	Annual	S	STSS	0.85	0.0118	-0.2000	8.58	-3.00	-34.99	No trend	0.6451		
SBEMH	Annual	B	BTSS	0.29	0.0000	-0.4903	13.08	-7.35	-56.24	Improving	0.9293		
SBEMH	Annual	S	SECCHI	0.00	0.1156	0.0083	0.75	0.13	16.67	No trend	0.8848		
SBEMH	Annual	B	BDO	0.00	0.0001	0.0864	5.25	1.30	24.68	Improving	0.9533		
SBEMH	Annual	S	SSALIN	0.00	0.0163	0.1691	14.75	2.54	17.20	No trend	0.9757		
SBEMH	Annual	B	BSALIN	0.00	0.4877	-0.0440	18.45	-0.66	-3.57	No trend	0.8419		
SBEMH	Annual	B	BWTEMP	0.00	0.0000	0.2100	17.10	3.15	18.42	Increasing	0.3423		
SBEMH	Annual	S	SWTEMP	0.00	0.0028	0.1142	18.20	1.71	9.41	Increasing	0.3252		
EBEMH	Annual	S	STN	0.00	0.0177	-0.0099	1.04	-0.15	-14.28	No trend	0.9318		
EBEMH	Annual	B	BTN	0.00	0.0007	-0.0094	0.86	-0.14	-16.45	Improving	0.9719		
EBEMH	Annual	S	SDIN	0.00	0.0290	-0.0077	0.51	-0.12	-22.93	No trend	0.9622		
EBEMH	Annual	B	BDIN	0.00	0.0003	-0.0100	0.49	-0.15	-30.47	Improving	0.7393		
EBEMH	Annual	S	STP	0.00	0.0000	-0.0014	0.07	-0.02	-27.25	Improving	0.3535		
EBEMH	Annual	B	BTP	0.00	0.0000	-0.0013	0.07	-0.02	-27.31	Improving	0.7325		
EBEMH	Annual	S	SPO4F	6.90	0.1132	0.0006	0.02	0.01	29.64	No trend	0.1052		
EBEMH	Annual	B	BPO4F	8.57	0.1097	0.0006	0.02	0.01	25.12	No trend	0.0939		
EBEMH	Annual	S	SCHLA	1.15	0.3586	-0.0750	6.60	-1.13	-17.05	No trend	0.6537		
EBEMH	Annual	S	STSS	0.57	0.0086	-0.2040	9.95	-3.06	-30.75	Improving	0.5458		
EBEMH	Annual	B	BTSS	0.00	0.0375	-0.2650	12.15	-3.98	-32.72	No trend	0.9793		
EBEMH	Annual	S	SECCHI	0.00	0.0743	0.0000	1.00	0.00	0.00	No trend	0.6653		
EBEMH	Annual	B	BDO	0.00	0.0001	0.0813	6.10	1.22	20.00	Improving	0.8145		
EBEMH	Annual	S	SSALIN	0.00	0.0257	0.1150	16.85	1.73	10.24	No trend	0.5340		
EBEMH	Annual	B	BSALIN	0.00	0.6109	0.0329	18.40	0.49	2.68	No trend	0.6380		
EBEMH	Annual	B	BWTEMP	0.00	0.0125	0.0921	15.90	1.38	8.69	No trend	0.2032		
EBEMH	Annual	S	SWTEMP	0.00	0.1204	0.0486	17.00	0.73	4.29	No trend	0.2799		
ELIPH	Annual	S	SCHLA	16.54	0.5834	0.0180	8.63	0.00	0.00	No trend	0.2734		
ELIPH	Annual	S	STSS	8.09	0.0153	-0.2000	8.00	-3.80	-47.50	No trend	0.6218		
ELIPH	Annual	B	BTSS	2.22	0.1449	-0.2833	16.00	-5.38	-33.65	No trend	0.3493		
ELIPH	Annual	S	SECCHI	0.00	0.0017	-0.0088	1.10	-0.17	-15.24	Degrading	0.1079		
ELIPH	Annual	B	BDO	0.00	0.0188	0.0218	6.70	0.41	6.17	No trend	0.3159		
ELIPH	Annual	S	SSALIN	0.00	0.1644	-0.0781	21.01	-1.48	-7.06	No trend	0.8726		
ELIPH	Annual	B	BSALIN	0.00	0.0765	-0.0600	24.08	-1.14	-4.73	No trend	0.8762		
ELIPH	Annual	B	BWTEMP	0.00	0.2994	0.0287	17.90	0.54	3.04	No trend	0.1415		
ELIPH	Annual	S	SWTEMP	0.00	0.1336	0.0328	20.00	0.62	3.12	No trend	0.1249		

Appendix B - Section II. - Continued.

Segment	Season	Layer	Parameter	% BDL	P value	Slope	Baseline	Absolute	Percent	Direction	Homogeneity
								Change	Change		test
PMKTF	Annual	S	SCHLA	65.76	0.0000	-0.0070	3.10	0.00	0.00	High BDLs	0.2375
PMKTF	Annual	S	STSS	1.64	0.0636	0.2500	14.00	4.00	28.57	No trend	0.9666
PMKTF	Annual	B	BTSS	1.28	0.0697	-0.3333	20.50	-5.33	-26.02	No trend	0.8243
PMKTF	Annual	S	SECCHI	0.00	0.0340	0.0000	0.70	0.00	0.00	No trend	0.5385
PMKTF	Annual	B	BDO	0.00	0.1261	0.0167	6.83	0.32	4.64	No trend	0.5832
PMKTF	Annual	S	SSALIN	0.00	0.0000	0.0000	0.01	0.00	0.00	Unchanged	0.8577
PMKTF	Annual	B	BSALIN	0.00	0.0000	0.0000	0.01	0.00	0.00	Unchanged	0.8497
PMKTF	Annual	B	BWTEMP	0.00	0.0722	0.0523	19.10	0.99	5.20	No trend	0.0882
PMKTF	Annual	S	SWTEMP	0.00	0.0644	0.0492	18.00	0.93	5.19	No trend	0.0780
PMKOH	Annual	S	SCHLA	29.36	0.7013	0.0000	6.38	0.00	0.00	No trend	0.9374
PMKOH	Annual	S	STSS	0.77	0.1174	-0.5000	48.00	-9.50	-19.79	No trend	0.9047
PMKOH	Annual	B	BTSS	0.45	0.1802	-1.8625	102.00	-29.80	-29.22	No trend	0.5347
PMKOH	Annual	S	SECCHI	0.00	0.0122	0.0000	0.30	0.00	0.00	No trend	0.9679
PMKOH	Annual	B	BDO	0.00	0.8938	0.0000	6.20	0.00	0.00	No trend	0.5736
PMKOH	Annual	S	SSALIN	0.00	0.0164	0.0633	3.49	1.20	34.48	No trend	0.9473
PMKOH	Annual	B	BSALIN	0.00	0.0297	0.0683	4.31	1.30	30.12	No trend	0.8082
PMKOH	Annual	B	BWTEMP	0.00	0.7196	0.0046	20.53	0.09	0.42	No trend	0.2006
PMKOH	Annual	S	SWTEMP	0.00	0.9389	0.0000	20.55	0.00	0.00	No trend	0.1494
MPNTF	Annual	S	SCHLA	71.04	0.0000	0.0000	3.10	0.00	0.00	High BDLs	0.5788
MPNTF	Annual	S	STSS	24.38	0.0277	0.1250	6.38	0.00	0.00	No trend	0.5996
MPNTF	Annual	B	BTSS	16.38	0.3489	0.0528	8.25	0.00	0.00	No trend	0.1790
MPNTF	Annual	S	SECCHI	0.00	0.0008	-0.0143	1.00	-0.27	-27.14	Degrading	0.0672
MPNTF	Annual	B	BDO	0.00	0.8306	0.0000	6.98	0.00	0.00	No trend	0.7883
MPNTF	Annual	S	SSALIN	0.00	0.0001	0.0000	0.01	0.00	0.00	Unchanged	0.9662
MPNTF	Annual	B	BSALIN	0.00	0.0001	0.0000	0.01	0.00	0.00	Unchanged	0.9641
MPNTF	Annual	B	BWTEMP	0.00	0.0160	0.0871	18.58	1.66	8.91	No trend	0.0960
MPNTF	Annual	S	SWTEMP	0.00	0.0067	0.0915	17.50	1.74	9.94	Increasing	0.0737
MPNOH	Annual	S	SCHLA	38.48	0.3539	0.0000	4.25	0.00	0.00	High BDLs	0.8397
MPNOH	Annual	S	STSS	1.15	0.2665	0.2000	26.00	3.80	14.62	No trend	0.0100
MPNOH	Annual	B	BTSS	0.45	0.5830	0.2500	44.00	4.75	10.80	No trend	0.2350
MPNOH	Annual	S	SECCHI	0.00	0.3038	0.0000	0.48	0.00	0.00	No trend	0.1558
MPNOH	Annual	B	BDO	0.00	0.2316	0.0113	6.08	0.21	3.52	No trend	0.9033
MPNOH	Annual	S	SSALIN	0.00	0.0011	0.1185	3.38	2.25	66.61	Increasing	0.6843
MPNOH	Annual	B	BSALIN	0.00	0.0031	0.1410	4.31	2.68	62.18	Increasing	0.8343
MPNOH	Annual	B	BWTEMP	0.00	0.2580	0.0219	20.33	0.42	2.04	No trend	0.2497
MPNOH	Annual	S	SWTEMP	0.00	0.1626	0.0243	20.50	0.46	2.25	No trend	0.2222
YRKMH	Annual	S	SCHLA	12.84	0.1322	0.1148	9.59	2.18	22.75	No trend	0.8937
YRKMH	Annual	S	STSS	0.00	0.3721	-0.2000	27.00	-3.20	-11.85	No trend	0.6742
YRKMH	Annual	B	BTSS	0.43	0.0053	1.5714	39.00	25.14	64.47	Degrading	0.9017
YRKMH	Annual	S	SECCHI	0.00	0.3461	0.0000	0.60	0.00	0.00	No trend	0.4748
YRKMH	Annual	B	BDO	0.00	0.8724	0.0000	6.30	0.00	0.00	No trend	0.8196
YRKMH	Annual	S	SSALIN	0.00	0.5957	0.0357	12.43	0.68	5.46	No trend	0.4847
YRKMH	Annual	B	BSALIN	0.00	0.7582	0.0175	13.58	0.33	2.45	No trend	0.4593
YRKMH	Annual	B	BWTEMP	0.00	0.7197	0.0067	19.90	0.13	0.64	No trend	0.1973
YRKMH	Annual	S	SWTEMP	0.00	0.9916	0.0000	20.05	0.00	0.00	No trend	0.1933
YRKPH	Annual	S	SCHLA	14.42	0.1081	0.0590	8.00	1.12	14.02	No trend	0.0628
YRKPH	Annual	S	STSS	20.40	0.5825	0.0413	6.00	0.00	0.00	No trend	0.6759
YRKPH	Annual	B	BTSS	4.76	0.0186	0.5139	17.75	8.22	46.32	No trend	0.6731
YRKPH	Annual	S	SECCHI	0.00	0.0162	-0.0080	1.20	-0.15	-12.69	No trend	0.2339
YRKPH	Annual	B	BDO	0.00	0.0993	-0.0250	6.88	-0.48	-6.91	No trend	0.8156
YRKPH	Annual	S	SSALIN	0.00	0.2884	-0.0417	20.65	-0.79	-3.83	No trend	0.3572
YRKPH	Annual	B	BSALIN	0.00	0.8576	0.0043	22.06	0.08	0.37	No trend	0.5432
YRKPH	Annual	B	BWTEMP	0.00	0.4499	-0.0183	18.73	-0.35	-1.86	No trend	0.4677
YRKPH	Annual	S	SWTEMP	0.00	0.4731	-0.0155	19.03	-0.29	-1.54	No trend	0.4012

Appendix B - Section II. - Continued.

Segment	Season	Layer	Parameter	% BDL	P value	Slope	Absolute		Percent	Direction	Homogeneity	
							Baseline	Change	Change		test	P value
RPPTF	Annual	S	SCHLA	31.53	0.6242	0.0000	12.39	0.00	0.00	No trend		0.6820
RPPTF	Annual	S	STSS	2.12	0.1644	0.1667	24.75	2.67	10.77	No trend		0.5855
RPPTF	Annual	B	BTSS	2.47	0.8081	0.0590	36.75	0.94	2.57	No trend		0.1158
RPPTF	Annual	S	SECCHI	0.00	0.2619	0.0000	0.50	0.00	0.00	No trend		0.8016
RPPTF	Annual	B	BDO	0.00	0.5754	0.0071	8.60	0.14	1.58	No trend		0.5253
RPPTF	Annual	S	SSALIN	0.00	0.0000	0.0000	0.01	0.00	0.00	Unchanged		0.9989
RPPTF	Annual	B	BSALIN	0.00	0.0000	0.0000	0.01	0.00	0.00	Unchanged		0.9901
RPPTF	Annual	B	BWTEMP	0.00	0.1533	0.0400	17.75	0.76	4.28	No trend		0.8416
RPPTF	Annual	S	SWTEMP	0.00	0.1883	0.0377	16.33	0.72	4.39	No trend		0.7605
RPPMH	Annual	S	SCHLA	12.21	0.0537	0.0742	8.33	1.41	16.92	No trend		0.1784
RPPMH	Annual	S	STSS	22.66	0.4066	-0.0500	6.75	0.00	0.00	No trend		0.1080
RPPMH	Annual	B	BTSS	9.08	0.2489	0.1250	10.75	2.38	22.09	No trend		0.1118
RPPMH	Annual	S	SECCHI	0.00	0.4285	0.0000	1.28	0.00	0.00	No trend		0.0623
RPPMH	Annual	B	BDO	0.00	0.0615	-0.0210	7.03	-0.40	-5.67	No trend		0.9307
RPPMH	Annual	S	SSALIN	0.00	0.0126	-0.1000	15.30	-1.90	-12.42	No trend		0.9797
RPPMH	Annual	B	BSALIN	0.00	0.0996	-0.0525	17.02	-1.00	-5.87	No trend		0.9814
RPPMH	Annual	B	BWTEMP	0.00	0.4546	-0.0131	16.23	-0.25	-1.54	No trend		0.3695
RPPMH	Annual	S	SWTEMP	0.00	0.9758	0.0000	17.90	0.00	0.00	No trend		0.5633
RPPOH	Annual	S	SCHLA	22.52	0.0000	0.2664	5.04	0.00	0.00	Degrading		0.0451
RPPOH	Annual	S	STSS	0.86	0.3034	-0.2113	31.00	-3.38	-10.91	No trend		0.7602
RPPOH	Annual	B	BTSS	0.43	0.2749	0.4000	39.00	6.40	16.41	No trend		0.6979
RPPOH	Annual	S	SECCHI	0.00	0.3215	0.0000	0.40	0.00	0.00	No trend		0.3021
RPPOH	Annual	B	BDO	0.00	0.0709	0.0208	8.65	0.40	4.58	No trend		0.3894
RPPOH	Annual	S	SSALIN	0.00	0.3310	0.0000	2.17	0.00	0.00	No trend		0.9075
RPPOH	Annual	B	BSALIN	0.00	0.5807	0.0000	2.59	0.00	0.00	No trend		0.8943
RPPOH	Annual	B	BWTEMP	0.00	0.4392	0.0175	16.40	0.33	2.03	No trend		0.5693
RPPOH	Annual	S	SWTEMP	0.00	0.1715	0.0335	16.00	0.64	3.97	No trend		0.3792
CRRMH	Annual	S	SCHLA	18.99	0.6936	0.0000	7.33	0.00	0.00	No trend		0.8418
CRRMH	Annual	S	STSS	58.80	0.0000	0.0000	5.00	0.00	0.00	High BDLs		0.9492
CRRMH	Annual	B	BTSS	37.44	0.0204	0.0000	13.50	0.00	0.00	High BDLs		0.7802
CRRMH	Annual	S	SECCHI	0.00	0.0002	-0.0167	1.95	-0.32	-16.24	Degrading		0.3137
CRRMH	Annual	B	BDO	0.00	0.0032	-0.0500	7.33	-0.95	-12.97	Degrading		0.8036
CRRMH	Annual	S	SSALIN	0.00	0.0075	-0.1104	16.51	-2.10	-12.71	Decreasing		0.7859
CRRMH	Annual	B	BSALIN	0.00	0.0805	-0.0700	16.84	-1.33	-7.90	No trend		0.8467
CRRMH	Annual	B	BWTEMP	0.00	0.1905	-0.0265	17.83	-0.50	-2.83	No trend		0.0278
CRRMH	Annual	S	SWTEMP	0.00	0.7236	0.0083	18.50	0.16	0.86	No trend		0.7791

Appendix B - Section II. - Continued.

Segment	Season	Layer	Parameter	% BDL	P value	Slope	Absolute		Percent	Direction	Homogeneity	
							Baseline	Change	Change		test	P value
APPTF	Fall	S	SCHLA	31.65	0.2343	-0.1242	8.09	0.00	0.00	No trend		0.4636
APPTF	Fall	S	STSS	0.00	0.5421	0.1464	15.00	2.34	15.62	No trend		0.9393
APPTF	Fall	B	BTSS	0.00	0.4719	-0.2679	23.00	-4.29	-18.63	No trend		0.9914
APPTF	Fall	S	SECCHI	0.00	0.2194	0.0000	0.50	0.00	0.00	No trend		0.8235
APPTF	Fall	B	BDO	0.00	0.0134	0.0821	8.23	1.56	18.98	No trend		0.3698
APPTF	Fall	S	SSALIN	0.00	0.0034	0.0000	0.01	0.00	0.00	Unchanged		0.6127
APPTF	Fall	B	BSALIN	0.00	0.0034	0.0000	0.01	0.00	0.00	Unchanged		0.6127
APPTF	Fall	B	BWTEMP	0.00	0.3829	-0.0563	12.25	-1.07	-8.74	No trend		0.2282
APPTF	Fall	S	SWTEMP	0.00	0.2687	-0.0667	12.25	-1.27	-10.34	No trend		0.2501
JMSTF	Fall	S	SCHLA	55.46	0.8807	0.0000	4.12	0.00	0.00	High BDLs		0.7413
JMSTF	Fall	S	STSS	26.10	0.9144	0.0000	12.50	0.00	0.00	No trend		0.0546
JMSTF	Fall	B	BTSS	7.17	0.1537	1.0000	172.00	19.00	11.05	No trend		0.7471
JMSTF	Fall	S	SECCHI	0.00	0.3417	0.0000	0.65	0.00	0.00	No trend		0.4476
JMSTF	Fall	B	BDO	0.00	0.0267	0.0586	8.85	1.11	12.57	No trend		0.2595
JMSTF	Fall	S	SSALIN	0.00	0.0001	0.0000	0.01	0.00	0.00	Unchanged		0.7543
JMSTF	Fall	B	BSALIN	0.00	0.0001	0.0000	0.01	0.00	0.00	Unchanged		0.7650
JMSTF	Fall	B	BWTEMP	0.00	0.1311	-0.0929	12.25	-1.76	-14.40	No trend		0.3367
JMSTF	Fall	S	SWTEMP	0.00	0.1849	-0.1154	12.13	-2.19	-18.08	No trend		0.4573
CHKOH	Fall	S	SCHLA	10.45	0.0013	-0.9487	22.35	-15.18	-67.93	Improving		0.5051
CHKOH	Fall	S	STSS	0.00	0.3592	0.3077	14.00	4.92	35.16	No trend		0.1761
CHKOH	Fall	B	BTSS	0.00	0.0127	1.0982	16.25	17.57	108.13	No trend		0.6016
CHKOH	Fall	S	SECCHI	0.00	0.0172	-0.0083	0.65	-0.13	-20.51	No trend		0.1949
CHKOH	Fall	B	BDO	0.00	0.1212	-0.0545	10.20	-0.87	-8.55	No trend		0.7041
CHKOH	Fall	S	SSALIN	0.00	0.2030	0.0300	0.81	0.48	59.63	No trend		0.9067
CHKOH	Fall	B	BSALIN	0.00	0.1937	0.0317	0.81	0.51	62.94	No trend		0.8919
CHKOH	Fall	B	BWTEMP	0.00	0.2723	-0.1375	13.50	-2.20	-16.30	No trend		0.2147
CHKOH	Fall	S	SWTEMP	0.00	0.1637	-0.1214	13.70	-1.94	-14.18	No trend		0.2766
JMSOH	Fall	S	SCHLA	30.32	0.0578	-0.2061	3.19	0.00	0.00	No trend		0.2801
JMSOH	Fall	S	STSS	6.31	0.2020	-0.3625	662.00	-6.89	-1.04	No trend		0.7077
JMSOH	Fall	B	BTSS	0.90	0.4826	0.6047	290.00	11.49	3.96	No trend		0.0410
JMSOH	Fall	S	SECCHI	0.00	0.1615	0.0071	0.53	0.14	25.85	No trend		0.7822
JMSOH	Fall	B	BDO	0.00	0.2937	0.0285	8.40	0.54	6.45	No trend		0.9957
JMSOH	Fall	S	SSALIN	0.00	0.0530	0.1750	3.20	3.33	104.07	No trend		0.4372
JMSOH	Fall	B	BSALIN	0.00	0.0204	0.2200	3.73	4.18	112.21	No trend		0.3344
JMSOH	Fall	B	BWTEMP	0.00	0.0556	-0.0957	12.83	-1.82	-14.18	No trend		0.2701
JMSOH	Fall	S	SWTEMP	0.00	0.0556	-0.1006	12.70	-1.91	-15.05	No trend		0.2929
JMSMH	Fall	S	SCHLA	50.65	0.2201	-0.0491	3.10	0.00	0.00	High BDLs		0.6031
JMSMH	Fall	S	STSS	26.09	0.2026	-0.1923	14.00	0.00	0.00	No trend		0.7039
JMSMH	Fall	B	BTSS	9.82	0.3349	0.2500	142.00	4.75	3.35	No trend		0.0704
JMSMH	Fall	S	SECCHI	0.00	0.8142	0.0000	1.30	0.00	0.00	No trend		0.3931
JMSMH	Fall	B	BDO	0.00	0.0219	0.0619	7.25	1.18	16.23	No trend		0.6259
JMSMH	Fall	S	SSALIN	0.00	0.0849	0.2313	15.34	4.39	28.64	No trend		0.5329
JMSMH	Fall	B	BSALIN	0.00	0.1017	0.1366	17.89	2.60	14.51	No trend		0.6533
JMSMH	Fall	B	BWTEMP	0.00	0.0343	-0.1168	15.70	-2.22	-14.13	No trend		0.7392
JMSMH	Fall	S	SWTEMP	0.00	0.0638	-0.1213	15.40	-2.30	-14.96	No trend		0.6763
JMSPH	Fall	S	SCHLA	40.15	0.0600	0.0904	2.33	0.00	0.00	High BDLs		0.4533
JMSPH	Fall	S	STSS	24.79	0.7006	0.0400	5.78	0.00	0.00	No trend		0.3967
JMSPH	Fall	B	BTSS	5.93	0.0009	-0.4714	22.88	-8.96	-39.16	Improving		0.2814
JMSPH	Fall	S	SECCHI	0.00	0.3502	-0.0063	1.85	-0.12	-6.42	No trend		0.0382
JMSPH	Fall	B	BDO	0.00	0.0008	0.0664	7.55	1.26	16.72	Improving		0.7531
JMSPH	Fall	S	SSALIN	0.00	1.0000	0.0000	22.66	0.00	0.00	No trend		0.8311
JMSPH	Fall	B	BSALIN	0.00	0.3223	-0.0750	24.26	-1.43	-5.87	No trend		0.8620
JMSPH	Fall	B	BWTEMP	0.00	0.1296	-0.0750	14.28	-1.43	-9.98	No trend		0.9890
JMSPH	Fall	S	SWTEMP	0.00	0.1102	-0.0765	14.10	-1.45	-10.31	No trend		0.9557

Appendix B - Section II. - Continued.

Segment	Season	Layer	Parameter	% BDL	P value	Slope	Absolute			Percent		Homogeneity	
							Baseline	Change	Change	Change	Change	Direction	test P value
WBEMH	Fall	S	STN	0.00	0.1311	-0.0084	0.77	-0.13	-16.41	No trend	0.9962		
WBEMH	Fall	B	BTN	0.00	0.4721	-0.0026	0.78	-0.04	-5.07	No trend	0.8944		
WBEMH	Fall	S	SDIN	2.27	0.5355	-0.0034	0.32	-0.05	-15.69	No trend	0.9281		
WBEMH	Fall	B	BDIN	0.00	0.5552	-0.0021	0.31	-0.03	-10.43	No trend	0.9833		
WBEMH	Fall	S	STP	0.00	0.0087	-0.0015	0.07	-0.02	-32.53	Improving	0.3466		
WBEMH	Fall	B	BTP	0.00	0.0023	-0.0016	0.07	-0.02	-33.24	Improving	0.5700		
WBEMH	Fall	S	SPO4F	6.98	0.0809	-0.0010	0.04	-0.02	-34.09	No trend	0.5412		
WBEMH	Fall	B	BPO4F	4.65	0.0281	-0.0011	0.04	-0.02	-36.78	No trend	0.7187		
WBEMH	Fall	S	SCHLA	0.00	0.3925	0.0879	10.25	1.32	12.87	No trend	0.5007		
WBEMH	Fall	S	STSS	0.00	0.0417	-0.4157	13.00	-6.24	-47.97	No trend	0.3236		
WBEMH	Fall	B	BTSS	0.00	0.0214	-0.6500	14.05	-9.75	-69.40	No trend	0.9155		
WBEMH	Fall	S	SECCHI	0.00	0.1671	0.0125	0.90	0.19	20.83	No trend	0.9671		
WBEMH	Fall	B	BDO	0.00	0.1327	0.0806	8.00	1.21	15.10	No trend	0.5485		
WBEMH	Fall	S	SSALIN	0.00	0.8135	-0.0433	17.85	-0.65	-3.64	No trend	0.9011		
WBEMH	Fall	B	BSALIN	0.00	0.4673	-0.0500	18.00	-0.75	-4.17	No trend	0.8626		
WBEMH	Fall	B	BWTEMP	0.00	0.4479	0.0338	10.95	0.51	4.62	No trend	0.8430		
WBEMH	Fall	S	SWTEMP	0.00	0.4079	0.0667	11.20	1.00	8.93	No trend	0.8319		
SBEMH	Fall	S	STN	0.00	0.5602	-0.0041	1.16	-0.06	-5.28	No trend	0.6941		
SBEMH	Fall	B	BTN	0.00	0.7553	-0.0028	1.00	-0.04	-4.26	No trend	0.8053		
SBEMH	Fall	S	SDIN	0.00	0.0122	-0.0145	0.68	-0.22	-31.95	No trend	0.9738		
SBEMH	Fall	B	BDIN	0.00	0.1181	-0.0082	0.59	-0.12	-21.04	No trend	0.6385		
SBEMH	Fall	S	STP	0.00	0.3019	-0.0005	0.07	-0.01	-10.20	No trend	0.4331		
SBEMH	Fall	B	BTP	0.00	0.0103	-0.0013	0.08	-0.02	-24.22	No trend	0.2185		
SBEMH	Fall	S	SPO4F	0.00	0.1515	-0.0007	0.05	-0.01	-19.42	No trend	0.4358		
SBEMH	Fall	B	BPO4F	1.18	0.0160	-0.0010	0.06	-0.02	-25.25	No trend	0.1745		
SBEMH	Fall	S	SCHLA	3.45	0.8363	-0.0142	2.38	-0.21	-9.00	No trend	0.4556		
SBEMH	Fall	S	STSS	2.30	0.1846	-0.1813	6.73	-2.72	-40.43	No trend	0.0801		
SBEMH	Fall	B	BTSS	1.15	0.0042	-0.5463	12.60	-8.19	-65.03	Improving	0.6012		
SBEMH	Fall	S	SECCHI	0.00	0.8359	0.0000	1.25	0.00	0.00	No trend	0.8286		
SBEMH	Fall	B	BDO	0.00	0.1411	0.0580	6.20	0.87	14.04	No trend	0.7177		
SBEMH	Fall	S	SSALIN	0.00	0.8595	0.0308	16.73	0.46	2.77	No trend	0.9231		
SBEMH	Fall	B	BSALIN	0.00	0.8495	-0.0358	18.05	-0.54	-2.98	No trend	0.8790		
SBEMH	Fall	B	BWTEMP	0.00	0.3591	0.0896	15.08	1.34	8.92	No trend	0.6019		
SBEMH	Fall	S	SWTEMP	0.00	0.0419	0.1788	15.18	2.68	17.67	No trend	0.6608		
EBEMH	Fall	S	STN	0.00	0.5045	-0.0044	0.87	-0.07	-7.66	No trend	0.6817		
EBEMH	Fall	B	BTN	0.00	0.0951	-0.0127	0.86	-0.19	-22.23	No trend	0.4495		
EBEMH	Fall	S	SDIN	0.00	0.2083	-0.0081	0.50	-0.12	-24.25	No trend	0.7107		
EBEMH	Fall	B	BDIN	0.00	0.0379	-0.0113	0.51	-0.17	-33.26	No trend	0.8568		
EBEMH	Fall	S	STP	0.00	0.0275	-0.0011	0.07	-0.02	-22.45	No trend	0.0588		
EBEMH	Fall	B	BTP	0.00	0.0013	-0.0016	0.08	-0.02	-32.63	Improving	0.1912		
EBEMH	Fall	S	SPO4F	2.44	0.0907	-0.0008	0.06	-0.01	-19.91	No trend	0.3988		
EBEMH	Fall	B	BPO4F	2.44	0.0343	-0.0010	0.05	-0.02	-30.13	No trend	0.4478		
EBEMH	Fall	S	SCHLA	0.00	0.8403	0.0057	3.15	0.09	2.72	No trend	0.6345		
EBEMH	Fall	S	STSS	2.38	0.1663	-0.1842	6.75	-2.76	-40.93	No trend	0.1488		
EBEMH	Fall	B	BTSS	0.00	0.0549	-0.4388	8.40	-6.58	-78.36	No trend	0.7653		
EBEMH	Fall	S	SECCHI	0.00	0.8240	0.0000	1.25	0.00	0.00	No trend	0.5123		
EBEMH	Fall	B	BDO	0.00	0.0320	0.0800	6.70	1.20	17.91	No trend	0.3939		
EBEMH	Fall	S	SSALIN	0.00	0.4503	-0.0664	18.10	-1.00	-5.50	No trend	0.7204		
EBEMH	Fall	B	BSALIN	0.00	0.7343	-0.0100	18.20	-0.15	-0.82	No trend	0.7112		
EBEMH	Fall	B	BWTEMP	0.00	0.7346	0.0167	13.50	0.25	1.85	No trend	0.6371		
EBEMH	Fall	S	SWTEMP	0.00	0.6144	0.0429	13.60	0.64	4.73	No trend	0.7217		
ELIPH	Fall	S	SCHLA	44.17	0.3071	0.0746	3.10	0.00	0.00	High BDLs	0.4925		
ELIPH	Fall	S	STSS	22.45	0.1794	-0.2171	8.00	0.00	0.00	No trend	0.3997		
ELIPH	Fall	B	BTSS	7.14	0.0088	-0.7548	16.00	-14.34	-89.63	Improving	0.5959		
ELIPH	Fall	S	SECCHI	0.00	0.9007	0.0000	1.35	0.00	0.00	No trend	0.0616		
ELIPH	Fall	B	BDO	0.00	0.0054	0.0624	6.70	1.19	17.69	Improving	0.9390		
ELIPH	Fall	S	SSALIN	0.00	0.9662	0.0095	21.25	0.18	0.85	No trend	0.7287		
ELIPH	Fall	B	BSALIN	0.00	0.9155	0.0038	24.86	0.07	0.29	No trend	0.8889		
ELIPH	Fall	B	BWTEMP	0.00	0.0619	-0.0754	16.10	-1.43	-8.90	No trend	0.5409		
ELIPH	Fall	S	SWTEMP	0.00	0.3398	-0.0506	16.05	-0.96	-5.99	No trend	0.4186		

Appendix B - Section II. - Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	Absolute Change	Percent Change	Direction	Homogeneity test	P value
PMKTF	Fall	S	SCHLA	75.31	0.0039	0.0000	3.10	0.00	0.00	High BDLs		0.4114
PMKTF	Fall	S	STSS	0.00	0.8508	0.0000	12.75	0.00	0.00	No trend		0.8633
PMKTF	Fall	B	BTSS	0.00	0.2056	-0.4000	20.00	-6.40	-32.00	No trend		0.7284
PMKTF	Fall	S	SECCHI	0.00	0.2984	0.0000	0.60	0.00	0.00	No trend		0.3735
PMKTF	Fall	B	BDO	0.00	0.4308	-0.0338	6.55	-0.64	-9.82	No trend		0.6498
PMKTF	Fall	S	SSALIN	0.00	0.0001	0.0000	0.01	0.00	0.00	Unchanged		0.9000
PMKTF	Fall	B	BSALIN	0.00	0.0001	0.0000	0.01	0.00	0.00	Unchanged		0.8687
PMKTF	Fall	B	BWTEMP	0.00	0.0181	0.1718	15.83	3.26	20.62	No trend		0.7793
PMKTF	Fall	S	SWTEMP	0.00	0.0356	0.1468	14.00	2.79	19.92	No trend		0.7945
PMKOH	Fall	S	SCHLA	32.00	0.4984	0.0000	3.10	0.00	0.00	No trend		0.9367
PMKOH	Fall	S	STSS	1.75	0.6040	-0.3750	36.00	-7.13	-19.79	No trend		0.5311
PMKOH	Fall	B	BTSS	0.00	0.9773	0.0000	63.50	0.00	0.00	No trend		0.1367
PMKOH	Fall	S	SECCHI	0.00	0.6773	0.0000	0.50	0.00	0.00	No trend		0.5846
PMKOH	Fall	B	BDO	0.00	0.2134	-0.0354	6.38	-0.67	-10.55	No trend		0.6437
PMKOH	Fall	S	SSALIN	0.00	0.0427	0.2000	1.90	3.80	200.53	No trend		0.9200
PMKOH	Fall	B	BSALIN	0.00	0.0282	0.2400	2.09	4.56	218.18	No trend		0.9112
PMKOH	Fall	B	BWTEMP	0.00	0.1576	0.0700	17.88	1.33	7.44	No trend		0.9294
PMKOH	Fall	S	SWTEMP	0.00	0.0992	0.0875	17.90	1.66	9.29	No trend		0.8949
MPNTF	Fall	S	SCHLA	91.14	0.0000	0.0000	3.10	0.00	0.00	High BDLs		0.8750
MPNTF	Fall	S	STSS	24.07	0.5866	0.0000	6.00	0.00	0.00	No trend		0.4462
MPNTF	Fall	B	BTSS	12.96	0.3285	0.0909	7.00	1.45	20.78	No trend		0.1737
MPNTF	Fall	S	SECCHI	0.00	0.9597	0.0000	0.80	0.00	0.00	No trend		0.1959
MPNTF	Fall	B	BDO	0.00	0.2286	-0.0385	7.08	-0.73	-10.33	No trend		0.6163
MPNTF	Fall	S	SSALIN	0.00	0.0010	0.0000	0.01	0.00	0.00	Unchanged		0.8022
MPNTF	Fall	B	BSALIN	0.00	0.0010	0.0000	0.01	0.00	0.00	Unchanged		0.8022
MPNTF	Fall	B	BWTEMP	0.00	0.0036	0.2192	15.28	4.16	27.26	Increasing		0.7474
MPNTF	Fall	S	SWTEMP	0.00	0.0062	0.2000	13.50	3.80	28.15	Increasing		0.7929
MPNOH	Fall	S	SCHLA	35.80	0.0696	0.1500	3.10	0.00	0.00	High BDLs		0.8210
MPNOH	Fall	S	STSS	3.17	0.1226	0.5584	20.00	10.61	53.05	No trend		0.0167
MPNOH	Fall	B	BTSS	1.75	0.5554	-0.5000	42.25	-8.00	-18.93	No trend		0.4918
MPNOH	Fall	S	SECCHI	0.00	0.3423	0.0000	0.50	0.00	0.00	No trend		0.2249
MPNOH	Fall	B	BDO	0.00	0.8609	-0.0022	6.53	-0.04	-0.65	No trend		0.6682
MPNOH	Fall	S	SSALIN	0.00	0.0064	0.4045	2.02	7.69	381.46	Increasing		0.4996
MPNOH	Fall	B	BSALIN	0.00	0.0204	0.3462	2.52	6.58	261.25	No trend		0.4476
MPNOH	Fall	B	BWTEMP	0.00	0.0672	0.0950	17.63	1.81	10.24	No trend		0.6370
MPNOH	Fall	S	SWTEMP	0.00	0.0773	0.0919	17.68	1.75	9.88	No trend		0.7001
YRKMH	Fall	S	SCHLA	18.83	0.0695	0.1778	4.90	0.00	0.00	No trend		0.9973
YRKMH	Fall	S	STSS	0.00	0.4719	-0.2697	15.50	-4.32	-27.84	No trend		0.6193
YRKMH	Fall	B	BTSS	0.00	0.2241	1.1250	27.00	18.00	66.67	No trend		0.6473
YRKMH	Fall	S	SECCHI	0.00	0.8082	0.0000	0.85	0.00	0.00	No trend		0.2951
YRKMH	Fall	B	BDO	0.00	0.1454	-0.0364	6.85	-0.69	-10.10	No trend		0.8609
YRKMH	Fall	S	SSALIN	0.00	0.1225	0.2000	10.16	3.80	37.42	No trend		0.5829
YRKMH	Fall	B	BSALIN	0.00	0.1651	0.1250	13.10	2.38	18.14	No trend		0.9834
YRKMH	Fall	B	BWTEMP	0.00	0.1455	0.1218	17.78	2.31	13.02	No trend		0.8843
YRKMH	Fall	S	SWTEMP	0.00	0.1721	0.1158	17.73	2.20	12.41	No trend		0.8714
YRKPH	Fall	S	SCHLA	36.36	0.0187	0.1269	3.10	0.00	0.00	High BDLs		0.4310
YRKPH	Fall	S	STSS	32.76	0.3470	0.1409	5.00	0.00	0.00	No trend		0.2256
YRKPH	Fall	B	BTSS	6.36	0.0865	0.7000	10.25	11.20	109.27	No trend		0.1000
YRKPH	Fall	S	SECCHI	0.00	0.0126	-0.0220	1.50	-0.42	-27.93	No trend		0.1763
YRKPH	Fall	B	BDO	0.00	0.4317	-0.0222	6.60	-0.42	-6.38	No trend		0.3309
YRKPH	Fall	S	SSALIN	0.00	0.6314	0.0364	19.10	0.69	3.62	No trend		0.2465
YRKPH	Fall	B	BSALIN	0.00	0.6158	0.0289	22.43	0.55	2.45	No trend		0.8540
YRKPH	Fall	B	BWTEMP	0.00	0.0811	0.1097	18.20	2.08	11.45	No trend		0.8560
YRKPH	Fall	S	SWTEMP	0.00	0.1269	0.0990	18.00	1.88	10.45	No trend		0.6550

Appendix B - Section II. - Continued.

Segment	Season	Layer	Parameter	% BDL	P value	Slope	Baseline	Absolute Change	Percent Change	Direction	Homogeneity test P value
RPPTF	Fall	S	SCHLA	37.78	0.1782	-0.0862	11.38	0.00	0.00	High BDLs	0.7248
RPPTF	Fall	S	STSS	3.64	0.5917	-0.1875	27.00	-3.00	-11.11	No trend	0.6299
RPPTF	Fall	B	BTSS	1.85	0.1134	-1.0000	43.75	-16.00	-36.57	No trend	0.0230
RPPTF	Fall	S	SECCHI	0.00	0.6633	0.0000	0.50	0.00	0.00	No trend	0.9753
RPPTF	Fall	B	BDO	0.00	0.3274	-0.0281	10.55	-0.53	-5.07	No trend	0.1594
RPPTF	Fall	S	SSALIN	0.00	0.0019	0.0000	0.01	0.00	0.00	Unchanged	0.9779
RPPTF	Fall	B	BSALIN	0.00	0.0019	0.0000	0.01	0.00	0.00	Unchanged	0.9779
RPPTF	Fall	B	BWTEMP	0.00	0.2906	0.0650	9.00	1.24	13.72	No trend	0.8877
RPPTF	Fall	S	SWTEMP	0.00	0.4558	0.0450	9.00	0.86	9.50	No trend	0.8633
RPPMH	Fall	S	SCHLA	15.35	0.0631	0.1092	5.80	0.00	0.00	No trend	0.5363
RPPMH	Fall	S	STSS	34.26	0.0624	-0.1833	5.75	0.00	0.00	No trend	0.3412
RPPMH	Fall	B	BTSS	11.94	0.9677	0.0000	13.50	0.00	0.00	No trend	0.4597
RPPMH	Fall	S	SECCHI	0.00	0.6265	0.0033	1.50	0.06	4.22	No trend	0.7977
RPPMH	Fall	B	BDO	0.00	0.2840	-0.0167	7.93	-0.32	-4.00	No trend	0.6728
RPPMH	Fall	S	SSALIN	0.00	0.4185	-0.0518	18.08	-0.98	-5.44	No trend	0.6900
RPPMH	Fall	B	BSALIN	0.00	0.4547	-0.0375	19.46	-0.71	-3.66	No trend	0.5760
RPPMH	Fall	B	BWTEMP	0.00	0.2032	0.0762	13.33	1.45	10.87	No trend	0.7346
RPPMH	Fall	S	SWTEMP	0.00	0.2254	0.0847	12.98	1.61	12.41	No trend	0.6381
RPPOH	Fall	S	SCHLA	22.67	0.0562	0.4124	5.27	0.00	0.00	No trend	0.2040
RPPOH	Fall	S	STSS	1.92	0.6107	0.2727	19.00	4.36	22.97	No trend	0.4950
RPPOH	Fall	B	BTSS	0.00	0.3907	0.8036	28.25	12.86	45.51	No trend	0.6830
RPPOH	Fall	S	SECCHI	0.00	0.8538	0.0000	0.60	0.00	0.00	No trend	0.2073
RPPOH	Fall	B	BDO	0.00	0.9641	0.0000	9.50	0.00	0.00	No trend	0.1071
RPPOH	Fall	S	SSALIN	0.00	0.6388	-0.0150	4.57	-0.29	-6.24	No trend	0.3744
RPPOH	Fall	B	BSALIN	0.00	0.7427	-0.0035	4.32	-0.07	-1.52	No trend	0.6089
RPPOH	Fall	B	BWTEMP	0.00	0.3829	0.0606	11.20	1.15	10.27	No trend	0.3725
RPPOH	Fall	S	SWTEMP	0.00	0.2972	0.0922	11.35	1.75	15.44	No trend	0.2509
CRRMH	Fall	S	SCHLA	32.05	0.1970	0.0413	5.07	0.00	0.00	No trend	0.5082
CRRMH	Fall	S	STSS	81.82	0.0330	0.0000	5.00	0.00	0.00	High BDLs	0.9339
CRRMH	Fall	B	BTSS	54.17	0.2341	0.0000	6.75	0.00	0.00	High BDLs	0.4084
CRRMH	Fall	S	SECCHI	0.00	0.0024	-0.0500	2.50	-0.95	-38.00	Degrading	0.5790
CRRMH	Fall	B	BDO	0.00	0.5339	-0.0143	8.20	-0.27	-3.31	No trend	0.1720
CRRMH	Fall	S	SSALIN	0.00	0.1824	-0.0818	19.11	-1.55	-8.14	No trend	0.7649
CRRMH	Fall	B	BSALIN	0.00	0.3727	-0.0686	19.25	-1.30	-6.77	No trend	0.4080
CRRMH	Fall	B	BWTEMP	0.00	0.0894	0.0812	13.10	1.54	11.78	No trend	0.7155
CRRMH	Fall	S	SWTEMP	0.00	0.3420	0.0600	13.10	1.14	8.70	No trend	0.7180

Appendix B - Section II. - Continued.

Segment	Season	Layer	Parameter	% BDL	P value	Slope	Absolute		Percent	Direction	Homogeneity	
							Baseline	Change	Change		test	P value
APPTF	SAV1	S	SCHLA	17.24	0.0297	-0.8000	43.51	0.00	0.00	No trend		0.9794
APPTF	SAV1	S	STSS	0.00	0.7686	0.0000	23.75	0.00	0.00	No trend		0.3534
APPTF	SAV1	B	BTSS	0.00	0.6200	0.1818	30.25	2.91	9.62	No trend		0.3222
APPTF	SAV1	S	SECCHI	0.00	0.0395	0.0000	0.50	0.00	0.00	No trend		0.8680
APPTF	SAV1	B	BDO	0.00	0.2832	0.0188	8.20	0.36	4.34	No trend		0.2410
APPTF	SAV1	S	SSALIN	0.00	0.0015	0.0000	0.01	0.00	0.00	Unchanged		0.4193
APPTF	SAV1	B	BSALIN	0.00	0.0011	0.0000	0.01	0.00	0.00	Unchanged		0.4164
APPTF	SAV1	B	BWTEMP	0.00	0.1032	0.0726	22.50	1.38	6.13	No trend		0.1890
APPTF	SAV1	S	SWTEMP	0.00	0.0694	0.0723	22.75	1.37	6.04	No trend		0.1636
JMSTF	SAV1	S	SCHLA	41.01	0.8925	0.0100	11.19	0.00	0.00	High BDLs		0.8774
JMSTF	SAV1	S	STSS	16.99	0.5394	0.0528	16.25	0.00	0.00	No trend		0.3491
JMSTF	SAV1	B	BTSS	2.19	0.0257	1.0500	32.75	16.80	51.30	No trend		0.1804
JMSTF	SAV1	S	SECCHI	0.00	0.0000	-0.0083	0.70	-0.16	-22.62	Degrading		0.1704
JMSTF	SAV1	B	BDO	0.00	0.0397	0.0227	6.58	0.43	6.57	No trend		0.2734
JMSTF	SAV1	S	SSALIN	0.00	0.0000	0.0000	0.01	0.00	0.00	Unchanged		0.8689
JMSTF	SAV1	B	BSALIN	0.00	0.0004	0.0000	0.01	0.00	0.00	Unchanged		0.6541
JMSTF	SAV1	B	BWTEMP	0.00	0.2237	0.0389	22.13	0.74	3.34	No trend		0.1534
JMSTF	SAV1	S	SWTEMP	0.00	0.1350	0.0423	23.78	0.80	3.38	No trend		0.2657
CHKOH	SAV1	S	SCHLA	5.37	0.0032	-0.5218	23.93	-8.35	-34.89	Improving		0.0655
CHKOH	SAV1	S	STSS	0.00	0.0283	0.3333	17.50	5.33	30.48	No trend		0.0653
CHKOH	SAV1	B	BTSS	0.00	0.0010	1.7143	32.50	27.43	84.40	Degrading		0.5289
CHKOH	SAV1	S	SECCHI	0.00	0.0000	-0.0111	0.60	-0.18	-29.63	Degrading		0.4955
CHKOH	SAV1	B	BDO	0.00	0.7531	-0.0014	6.40	-0.02	-0.35	No trend		0.5475
CHKOH	SAV1	S	SSALIN	0.00	0.0001	0.0000	0.01	0.00	0.00	Unchanged		0.9041
CHKOH	SAV1	B	BSALIN	0.00	0.0001	0.0000	0.01	0.00	0.00	Unchanged		0.9026
CHKOH	SAV1	B	BWTEMP	0.00	0.1088	0.0523	22.45	0.84	3.73	No trend		0.1136
CHKOH	SAV1	S	SWTEMP	0.00	0.1732	0.0591	22.58	0.95	4.19	No trend		0.0961
JMSOH	SAV1	S	SCHLA	14.45	0.0604	-0.1335	7.69	-2.54	-32.99	No trend		0.5855
JMSOH	SAV1	S	STSS	2.54	0.1419	-0.3500	26.25	-5.60	-21.33	No trend		0.3239
JMSOH	SAV1	B	BTSS	0.84	0.6587	0.3417	57.50	5.47	9.51	No trend		0.2677
JMSOH	SAV1	S	SECCHI	0.00	0.7034	0.0000	0.63	0.00	0.00	No trend		0.7310
JMSOH	SAV1	B	BDO	0.00	0.1437	-0.0167	7.00	-0.32	-4.52	No trend		0.7603
JMSOH	SAV1	S	SSALIN	0.00	0.2033	0.0250	3.85	0.48	12.34	No trend		0.8907
JMSOH	SAV1	B	BSALIN	0.00	0.2285	0.0380	4.36	0.72	16.58	No trend		0.9535
JMSOH	SAV1	B	BWTEMP	0.00	0.9894	0.0000	23.75	0.00	0.00	No trend		0.2097
JMSOH	SAV1	S	SWTEMP	0.00	0.8531	0.0064	23.90	0.12	0.51	No trend		0.1899
JMSMH	SAV1	S	SCHLA	33.43	0.9673	0.0000	4.67	0.00	0.00	No trend		0.0295
JMSMH	SAV1	S	STSS	7.82	0.4612	-0.0833	19.00	-1.58	-8.33	No trend		0.6397
JMSMH	SAV1	B	BTSS	3.06	0.0002	1.1726	24.75	18.76	75.81	Degrading		0.4993
JMSMH	SAV1	S	SECCHI	0.00	0.6853	0.0000	1.08	0.00	0.00	No trend		0.5530
JMSMH	SAV1	B	BDO	0.00	0.5162	-0.0063	6.48	-0.12	-1.83	No trend		0.0118
JMSMH	SAV1	S	SSALIN	0.00	0.7383	0.0353	15.82	0.67	4.24	No trend		0.8687
JMSMH	SAV1	B	BSALIN	0.00	0.7891	-0.0125	19.31	-0.24	-1.23	No trend		0.7771
JMSMH	SAV1	B	BWTEMP	0.00	0.7508	0.0071	23.45	0.14	0.58	No trend		0.1984
JMSMH	SAV1	S	SWTEMP	0.00	1.0000	0.0000	23.73	0.00	0.00	No trend		0.2784
JMSPH	SAV1	S	SCHLA	21.05	0.0041	0.1338	5.98	0.00	0.00	Degrading		0.0151
JMSPH	SAV1	S	STSS	9.40	0.0062	0.1929	9.35	3.66	39.19	Degrading		0.5829
JMSPH	SAV1	B	BTSS	0.74	0.2391	0.1693	19.00	3.22	16.93	No trend		0.0299
JMSPH	SAV1	S	SECCHI	0.00	0.0000	-0.0182	1.35	-0.35	-25.59	Degrading		0.6217
JMSPH	SAV1	B	BDO	0.00	0.0000	0.0443	6.15	0.84	13.68	Improving		0.8034
JMSPH	SAV1	S	SSALIN	0.00	0.0551	-0.0991	22.13	-1.88	-8.51	No trend		0.8348
JMSPH	SAV1	B	BSALIN	0.00	0.0000	-0.1823	24.83	-3.46	-13.95	Decreasing		0.5702
JMSPH	SAV1	B	BWTEMP	0.00	0.0052	0.0650	22.50	1.24	5.49	Increasing		0.4252
JMSPH	SAV1	S	SWTEMP	0.00	0.4913	-0.0077	23.10	-0.15	-0.63	No trend		0.8067

Appendix B - Section II. - Continued.

Segment	Season	Layer	Parameter	% BDL	P value	Slope	Absolute		Percent	Direction	Homogeneity	
							Baseline	Change	Change		test	P value
WBEMH	SAV1	S	STN	0.00	0.0112	-0.0088	0.81	-0.13	-16.15	No trend		0.9816
WBEMH	SAV1	B	BTN	0.00	0.0624	-0.0078	0.89	-0.12	-13.13	No trend		0.8400
WBEMH	SAV1	S	SDIN	2.27	0.6815	-0.0005	0.25	-0.01	-2.85	No trend		0.9992
WBEMH	SAV1	B	BDIN	2.30	0.4029	-0.0021	0.29	-0.03	-10.69	No trend		0.9130
WBEMH	SAV1	S	STP	0.00	0.0000	-0.0022	0.11	-0.03	-30.46	Improving		0.7404
WBEMH	SAV1	B	BTP	0.00	0.0002	-0.0025	0.12	-0.04	-31.82	Improving		0.2146
WBEMH	SAV1	S	SPO4F	11.49	0.0001	-0.0010	0.05	-0.02	-30.23	Improving		0.8557
WBEMH	SAV1	B	BPO4F	10.23	0.0001	-0.0011	0.05	-0.02	-29.51	Improving		0.9201
WBEMH	SAV1	S	SCHLA	0.00	0.0517	-0.3560	19.25	-5.34	-27.74	No trend		0.6177
WBEMH	SAV1	S	STSS	0.00	0.6643	-0.1102	26.30	-1.65	-6.28	No trend		0.2184
WBEMH	SAV1	B	BTSS	0.00	0.2905	-0.5250	37.10	-7.88	-21.23	No trend		0.1184
WBEMH	SAV1	S	SECCHI	0.00	0.0491	0.0000	0.55	0.00	0.00	No trend		0.3168
WBEMH	SAV1	B	BDO	0.00	0.0038	0.0750	6.25	1.13	18.00	Improving		0.9917
WBEMH	SAV1	S	SSALIN	0.00	0.0945	0.1171	17.15	1.76	10.25	No trend		0.9731
WBEMH	SAV1	B	BSALIN	0.00	0.1673	0.1000	17.10	1.50	8.77	No trend		0.9765
WBEMH	SAV1	B	BWTEMP	0.00	0.4955	0.0237	23.80	0.36	1.50	No trend		0.4353
WBEMH	SAV1	S	SWTEMP	0.00	0.3173	0.0382	24.20	0.57	2.37	No trend		0.1216
SBEMH	SAV1	S	STN	0.00	0.0555	-0.0098	1.27	-0.15	-11.57	No trend		0.4258
SBEMH	SAV1	B	BTN	0.00	0.6664	-0.0017	0.98	-0.03	-2.63	No trend		0.5761
SBEMH	SAV1	S	SDIN	0.00	0.0218	-0.0118	0.70	-0.18	-25.21	No trend		0.9907
SBEMH	SAV1	B	BDIN	0.00	0.6088	-0.0022	0.56	-0.03	-5.87	No trend		0.4936
SBEMH	SAV1	S	STP	0.00	0.0163	-0.0009	0.10	-0.01	-14.20	No trend		0.5439
SBEMH	SAV1	B	BTP	0.00	0.0002	-0.0018	0.10	-0.03	-27.41	Improving		0.7587
SBEMH	SAV1	S	SPO4F	3.43	0.0604	-0.0008	0.07	-0.01	-17.07	No trend		0.9944
SBEMH	SAV1	B	BPO4F	3.98	0.0035	-0.0012	0.07	-0.02	-25.43	Improving		0.9827
SBEMH	SAV1	S	SCHLA	2.33	0.0880	-0.1631	3.73	-2.45	-65.67	No trend		0.9910
SBEMH	SAV1	S	STSS	0.56	0.1242	-0.1500	8.58	-2.25	-26.24	No trend		0.8624
SBEMH	SAV1	B	BTSS	0.56	0.0020	-0.5241	14.60	-7.86	-53.84	Improving		0.8293
SBEMH	SAV1	S	SECCHI	0.00	0.0585	0.0125	0.75	0.19	25.00	No trend		0.6174
SBEMH	SAV1	B	BDO	0.00	0.0006	0.0886	4.20	1.33	31.63	Improving		0.9592
SBEMH	SAV1	S	SSALIN	0.00	0.0299	0.1788	16.70	2.68	16.06	No trend		0.8886
SBEMH	SAV1	B	BSALIN	0.00	0.4480	-0.0612	18.45	-0.92	-4.97	No trend		0.6767
SBEMH	SAV1	B	BWTEMP	0.00	0.0000	0.2341	23.93	3.51	14.68	Increasing		0.2344
SBEMH	SAV1	S	SWTEMP	0.00	0.0132	0.1143	25.20	1.71	6.80	No trend		0.1547
EBEMH	SAV1	S	STN	0.00	0.2710	-0.0060	1.05	-0.09	-8.58	No trend		0.9574
EBEMH	SAV1	B	BTN	0.00	0.0467	-0.0056	0.86	-0.08	-9.84	No trend		0.8911
EBEMH	SAV1	S	SDIN	0.00	0.0736	-0.0077	0.53	-0.12	-21.88	No trend		0.9696
EBEMH	SAV1	B	BDIN	0.00	0.0485	-0.0077	0.51	-0.12	-22.52	No trend		0.9844
EBEMH	SAV1	S	STP	0.00	0.0541	-0.0009	0.09	-0.01	-14.91	No trend		0.6187
EBEMH	SAV1	B	BTP	0.00	0.0006	-0.0013	0.10	-0.02	-19.85	Improving		0.5852
EBEMH	SAV1	S	SPO4F	5.95	0.2225	-0.0006	0.07	-0.01	-13.07	No trend		0.9927
EBEMH	SAV1	B	BPO4F	4.76	0.0247	-0.0010	0.07	-0.02	-22.67	No trend		0.9596
EBEMH	SAV1	S	SCHLA	1.20	0.7671	0.0208	3.55	0.31	8.78	No trend		0.9051
EBEMH	SAV1	S	STSS	1.16	0.1440	-0.1219	9.95	-1.83	-18.38	No trend		0.4968
EBEMH	SAV1	B	BTSS	0.00	0.1796	-0.2219	12.60	-3.33	-26.41	No trend		0.9581
EBEMH	SAV1	S	SECCHI	0.00	0.0633	0.0077	0.95	0.12	12.15	No trend		0.4550
EBEMH	SAV1	B	BDO	0.00	0.0018	0.0775	4.80	1.16	24.22	Improving		0.8677
EBEMH	SAV1	S	SSALIN	0.00	0.0667	0.1150	17.95	1.73	9.61	No trend		0.5020
EBEMH	SAV1	B	BSALIN	0.00	0.9049	-0.0033	18.65	-0.05	-0.27	No trend		0.8205
EBEMH	SAV1	B	BWTEMP	0.00	0.0096	0.1075	23.00	1.61	7.01	Increasing		0.1221
EBEMH	SAV1	S	SWTEMP	0.00	0.2071	0.0433	23.95	0.65	2.71	No trend		0.1523
ELIPH	SAV1	S	SCHLA	23.40	0.1556	0.1017	7.96	0.00	0.00	No trend		0.8969
ELIPH	SAV1	S	STSS	10.24	0.1245	-0.2063	15.95	-3.30	-20.69	No trend		0.3174
ELIPH	SAV1	B	BTSS	2.45	0.3114	-0.2516	26.30	-4.03	-15.30	No trend		0.5503
ELIPH	SAV1	S	SECCHI	0.00	0.0000	-0.0125	1.13	-0.24	-21.11	Degrading		0.5747
ELIPH	SAV1	B	BDO	0.00	0.0381	0.0206	5.83	0.39	6.73	No trend		0.6682
ELIPH	SAV1	S	SSALIN	0.00	0.0436	-0.1300	22.28	-2.47	-11.09	No trend		0.8626
ELIPH	SAV1	B	BSALIN	0.00	0.0265	-0.0964	24.46	-1.83	-7.49	No trend		0.7170
ELIPH	SAV1	B	BWTEMP	0.00	0.3849	0.0271	22.25	0.52	2.32	No trend		0.4318
ELIPH	SAV1	S	SWTEMP	0.00	0.5339	0.0167	23.55	0.32	1.34	No trend		0.1252

Appendix B - Section II. - Continued.

Segment	Season	Layer	Parameter	% BDL	P value	Slope	Absolute		Percent	Direction	Homogeneity	
							Baseline	Change	Change		test	P value
PMKTF	SAV1	S	SCHLA	77.59	0.0028	-0.0750	4.23	0.00	0.00	High BDLs		0.4146
PMKTF	SAV1	S	STSS	1.59	0.0304	0.3889	12.25	6.22	50.79	No trend		0.9006
PMKTF	SAV1	B	BTSS	0.84	0.1663	-0.3036	19.00	-4.86	-25.56	No trend		0.6468
PMKTF	SAV1	S	SECCHI	0.00	0.2428	0.0000	0.70	0.00	0.00	No trend		0.2806
PMKTF	SAV1	B	BDO	0.00	0.0311	0.0250	5.80	0.48	8.19	No trend		0.5710
PMKTF	SAV1	S	SSALIN	0.00	0.0000	0.0000	0.01	0.00	0.00	Unchanged		0.8976
PMKTF	SAV1	B	BSALIN	0.00	0.0000	0.0000	0.01	0.00	0.00	Unchanged		0.8976
PMKTF	SAV1	B	BWTEMP	0.00	0.1995	0.0404	22.88	0.77	3.35	No trend		0.0325
PMKTF	SAV1	S	SWTEMP	0.00	0.1103	0.0478	22.88	0.91	3.97	No trend		0.0251
PMKOH	SAV1	S	SCHLA	27.81	0.6914	0.0200	7.54	0.00	0.00	No trend		0.6838
PMKOH	SAV1	S	STSS	0.76	0.1992	-0.5385	45.00	-10.23	-22.74	No trend		0.8325
PMKOH	SAV1	B	BTSS	0.00	0.5136	-1.2500	148.50	-20.00	-13.47	No trend		0.2858
PMKOH	SAV1	S	SECCHI	0.00	0.1544	0.0000	0.45	0.00	0.00	No trend		0.8290
PMKOH	SAV1	B	BDO	0.00	0.3473	0.0108	5.58	0.20	3.67	No trend		0.3998
PMKOH	SAV1	S	SSALIN	0.00	0.2802	0.0224	5.03	0.42	8.45	No trend		0.9462
PMKOH	SAV1	B	BSALIN	0.00	0.5164	0.0271	5.33	0.52	9.68	No trend		0.9116
PMKOH	SAV1	B	BWTEMP	0.00	0.9148	0.0000	24.45	0.00	0.00	No trend		0.0612
PMKOH	SAV1	S	SWTEMP	0.00	0.7357	-0.0074	24.43	-0.14	-0.57	No trend		0.0664
MPNTF	SAV1	S	SCHLA	80.46	0.0004	-0.0659	4.59	0.00	0.00	High BDLs		0.8451
MPNTF	SAV1	S	STSS	25.60	0.1298	0.0962	5.63	0.00	0.00	No trend		0.5210
MPNTF	SAV1	B	BTSS	16.24	0.7702	0.0000	8.75	0.00	0.00	No trend		0.1615
MPNTF	SAV1	S	SECCHI	0.00	0.0578	-0.0065	1.00	-0.12	-12.27	No trend		0.0630
MPNTF	SAV1	B	BDO	0.00	0.3196	0.0100	6.35	0.19	2.99	No trend		0.8998
MPNTF	SAV1	S	SSALIN	0.00	0.0071	0.0000	0.01	0.00	0.00	Unchanged		0.7632
MPNTF	SAV1	B	BSALIN	0.00	0.0071	0.0000	0.01	0.00	0.00	Unchanged		0.7545
MPNTF	SAV1	B	BWTEMP	0.00	0.0382	0.0909	23.00	1.73	7.51	No trend		0.0882
MPNTF	SAV1	S	SWTEMP	0.00	0.0110	0.1043	23.38	1.98	8.48	No trend		0.0456
MPNOH	SAV1	S	SCHLA	40.46	0.5929	0.0000	7.42	0.00	0.00	High BDLs		0.6559
MPNOH	SAV1	S	STSS	1.47	0.0084	0.6000	19.00	11.40	60.00	Degrading		0.4259
MPNOH	SAV1	B	BTSS	0.86	0.1683	1.0000	44.00	19.00	43.18	No trend		0.1505
MPNOH	SAV1	S	SECCHI	0.00	0.3805	0.0000	0.53	0.00	0.00	No trend		0.6913
MPNOH	SAV1	B	BDO	0.00	0.0312	0.0250	5.33	0.47	8.92	No trend		0.9789
MPNOH	SAV1	S	SSALIN	0.00	0.0738	0.0892	4.27	1.69	39.65	No trend		0.5292
MPNOH	SAV1	B	BSALIN	0.00	0.0875	0.0863	5.02	1.64	32.65	No trend		0.7152
MPNOH	SAV1	B	BWTEMP	0.00	0.5686	0.0125	24.38	0.24	0.97	No trend		0.1621
MPNOH	SAV1	S	SWTEMP	0.00	0.2962	0.0200	24.50	0.38	1.55	No trend		0.0921
YRKMH	SAV1	S	SCHLA	10.50	0.4397	0.0763	9.59	1.45	15.12	No trend		0.6345
YRKMH	SAV1	S	STSS	0.00	0.3064	-0.2500	32.75	-4.00	-12.21	No trend		0.3180
YRKMH	SAV1	B	BTSS	0.00	0.1275	1.2500	44.50	20.00	44.94	No trend		0.8405
YRKMH	SAV1	S	SECCHI	0.00	0.5192	0.0000	0.50	0.00	0.00	No trend		0.3690
YRKMH	SAV1	B	BDO	0.00	0.5563	0.0082	5.53	0.16	2.81	No trend		0.5322
YRKMH	SAV1	S	SSALIN	0.00	0.2731	-0.0657	13.61	-1.25	-9.18	No trend		0.8257
YRKMH	SAV1	B	BSALIN	0.00	0.1685	-0.0669	15.31	-1.27	-8.31	No trend		0.7463
YRKMH	SAV1	B	BWTEMP	0.00	0.9893	0.0000	24.40	0.00	0.00	No trend		0.0577
YRKMH	SAV1	S	SWTEMP	0.00	0.7995	-0.0100	24.28	-0.19	-0.78	No trend		0.0564
YRKPH	SAV1	S	SCHLA	14.58	0.0027	0.1420	8.00	2.70	33.72	Degrading		0.6625
YRKPH	SAV1	S	STSS	21.22	0.7724	0.0221	6.00	0.00	0.00	No trend		0.6069
YRKPH	SAV1	B	BTSS	4.82	0.5492	0.2113	22.00	3.38	15.37	No trend		0.9947
YRKPH	SAV1	S	SECCHI	0.00	0.0040	-0.0111	1.25	-0.21	-16.89	Degrading		0.1599
YRKPH	SAV1	B	BDO	0.00	0.3455	-0.0204	5.15	-0.39	-7.51	No trend		0.6698
YRKPH	SAV1	S	SSALIN	0.00	0.0099	-0.1184	21.83	-2.25	-10.31	Decreasing		0.8911
YRKPH	SAV1	B	BSALIN	0.00	0.1769	-0.0500	23.58	-0.95	-4.03	No trend		0.9213
YRKPH	SAV1	B	BWTEMP	0.00	0.1306	-0.0344	23.25	-0.65	-2.81	No trend		0.3717
YRKPH	SAV1	S	SWTEMP	0.00	0.2243	-0.0275	23.80	-0.52	-2.20	No trend		0.3170

Appendix B - Section II. - Continued.

Segment	Season	Layer	Parameter	% BDL	P value	Slope	Baseline	Absolute Change	Percent Change	Direction	Homogeneity test P value
RPPTF	SAV1	S	SCHLA	32.44	0.9784	0.0000	25.14	0.00	0.00	No trend	0.2679
RPPTF	SAV1	S	STSS	1.36	0.4847	0.1000	24.75	1.60	6.46	No trend	0.2546
RPPTF	SAV1	B	BTSS	1.94	0.7592	-0.1307	35.75	-2.09	-5.85	No trend	0.0292
RPPTF	SAV1	S	SECCHI	0.00	1.0000	0.0000	0.40	0.00	0.00	No trend	0.8081
RPPTF	SAV1	B	BDO	0.00	0.9353	0.0000	7.88	0.00	0.00	No trend	0.3928
RPPTF	SAV1	S	SSALIN	0.00	0.0000	0.0000	0.01	0.00	0.00	Unchanged	0.9584
RPPTF	SAV1	B	BSALIN	0.00	0.0000	0.0000	0.01	0.00	0.00	Unchanged	0.8389
RPPTF	SAV1	B	BWTEMP	0.00	0.4427	0.0227	24.00	0.43	1.79	No trend	0.5295
RPPTF	SAV1	S	SWTEMP	0.00	0.5785	0.0179	23.63	0.34	1.44	No trend	0.5190
RPPMH	SAV1	S	SCHLA	11.89	0.0150	0.1200	8.49	2.28	26.86	No trend	0.5916
RPPMH	SAV1	S	STSS	21.33	0.4424	-0.0588	6.75	0.00	0.00	No trend	0.2013
RPPMH	SAV1	B	BTSS	6.79	0.0978	0.2044	9.25	3.88	41.99	No trend	0.0334
RPPMH	SAV1	S	SECCHI	0.00	0.2105	-0.0045	1.20	-0.09	-7.20	No trend	0.0508
RPPMH	SAV1	B	BDO	0.00	0.0533	-0.0306	5.95	-0.58	-9.78	No trend	0.6968
RPPMH	SAV1	S	SSALIN	0.00	0.0050	-0.1342	16.06	-2.55	-15.88	Decreasing	0.9870
RPPMH	SAV1	B	BSALIN	0.00	0.0586	-0.0833	17.02	-1.58	-9.30	No trend	0.9757
RPPMH	SAV1	B	BWTEMP	0.00	0.0567	-0.0353	22.98	-0.67	-2.92	No trend	0.3949
RPPMH	SAV1	S	SWTEMP	0.00	0.2959	-0.0250	23.10	-0.48	-2.06	No trend	0.4032
RPPOH	SAV1	S	SCHLA	16.18	0.0000	0.5155	9.33	0.00	0.00	Degrading	0.6487
RPPOH	SAV1	S	STSS	0.83	0.2082	-0.3000	29.00	-4.80	-16.55	No trend	0.5294
RPPOH	SAV1	B	BTSS	0.00	0.3663	0.3333	41.00	5.33	13.01	No trend	0.4475
RPPOH	SAV1	S	SECCHI	0.00	0.0338	0.0000	0.58	0.00	0.00	No trend	0.2893
RPPOH	SAV1	B	BDO	0.00	0.0787	0.0250	6.58	0.48	7.22	No trend	0.3410
RPPOH	SAV1	S	SSALIN	0.00	0.0730	-0.0100	3.99	-0.19	-4.76	No trend	0.9521
RPPOH	SAV1	B	BSALIN	0.00	0.1924	0.0000	4.34	0.00	0.00	No trend	0.8960
RPPOH	SAV1	B	BWTEMP	0.00	0.5205	0.0156	24.65	0.30	1.20	No trend	0.3711
RPPOH	SAV1	S	SWTEMP	0.00	0.2836	0.0275	24.08	0.52	2.17	No trend	0.1918
CRRMH	SAV1	S	SCHLA	18.64	0.7354	0.0133	11.24	0.00	0.00	No trend	0.7762
CRRMH	SAV1	S	STSS	53.33	0.0005	-0.1667	8.00	0.00	0.00	High BDLs	0.8021
CRRMH	SAV1	B	BTSS	36.44	0.0193	-0.3000	10.75	0.00	0.00	High BDLs	0.5960
CRRMH	SAV1	S	SECCHI	0.00	0.0001	-0.0179	1.75	-0.34	-19.39	Degrading	0.4298
CRRMH	SAV1	B	BDO	0.00	0.0016	-0.0786	6.43	-1.49	-23.24	Degrading	0.9599
CRRMH	SAV1	S	SSALIN	0.00	0.0013	-0.1643	17.48	-3.12	-17.86	Decreasing	0.9175
CRRMH	SAV1	B	BSALIN	0.00	0.0115	-0.1000	17.59	-1.90	-10.80	No trend	0.9948
CRRMH	SAV1	B	BWTEMP	0.00	0.0133	-0.0500	23.68	-0.95	-4.01	No trend	0.0323
CRRMH	SAV1	S	SWTEMP	0.00	0.8324	-0.0063	23.80	-0.12	-0.50	No trend	0.4521

Appendix B - Section II. - Continued.

Segment	Season	Layer	Parameter	% BDL	P value	Slope	Absolute		Percent	Direction	Homogeneity	
							Baseline	Change	Change		test	P value
APPTF	SAV2	S	SCHLA	5.12	0.4459	0.0315	6.70	0.60	8.95	No trend		0.9386
APPTF	SAV2	S	STSS	0.00	0.9591	0.0000	8.70	0.00	0.00	No trend		0.0999
APPTF	SAV2	B	BTSS	0.00	0.5095	0.1000	8.70	1.90	21.84	No trend		0.2614
APPTF	SAV2	S	SECCHI	0.00	0.0620	-0.0045	0.63	-0.09	-13.82	No trend		0.8295
APPTF	SAV2	B	BDO	0.00	0.2467	0.0115	8.78	0.22	2.49	No trend		0.1433
APPTF	SAV2	S	SSALIN	0.00	0.8624	0.0000	3.06	0.00	0.00	No trend		0.5034
APPTF	SAV2	B	BSALIN	0.00	0.8923	0.0000	3.06	0.00	0.00	No trend		0.5118
APPTF	SAV2	B	BWTEMP	0.00	0.1634	0.0509	18.15	0.97	5.33	No trend		0.6055
APPTF	SAV2	S	SWTEMP	0.00	0.1590	0.0540	18.65	1.03	5.50	No trend		0.6691
JMSTF	SAV2	S	SCHLA	32.01	0.3490	0.0310	5.75	0.00	0.00	No trend		0.7813
JMSTF	SAV2	S	STSS	15.23	0.4514	0.1000	8.70	0.00	0.00	No trend		0.8125
JMSTF	SAV2	B	BTSS	0.81	0.3624	0.1464	8.70	2.78	31.98	No trend		0.3361
JMSTF	SAV2	S	SECCHI	0.00	0.0006	-0.0100	0.78	-0.19	-24.52	Degrading		0.6647
JMSTF	SAV2	B	BDO	0.00	0.2352	0.0126	7.68	0.24	3.13	No trend		0.2447
JMSTF	SAV2	S	SSALIN	0.00	0.4608	0.0000	3.03	0.00	0.00	No trend		0.2888
JMSTF	SAV2	B	BSALIN	0.00	0.3820	0.0000	3.03	0.00	0.00	No trend		0.2622
JMSTF	SAV2	B	BWTEMP	0.00	0.0851	0.0671	17.65	1.27	7.22	No trend		0.5318
JMSTF	SAV2	S	SWTEMP	0.00	0.1701	0.0503	17.65	0.96	5.41	No trend		0.7745
CHKOH	SAV2	S	SCHLA	2.22	0.0837	0.0890	5.72	1.69	29.59	No trend		0.9938
CHKOH	SAV2	S	STSS	0.00	0.5122	0.0833	8.70	1.58	18.20	No trend		0.7877
CHKOH	SAV2	B	BTSS	0.00	0.2521	0.2143	8.70	4.07	46.80	No trend		0.7723
CHKOH	SAV2	S	SECCHI	0.00	0.0019	-0.0100	0.93	-0.19	-20.54	Degrading		0.7465
CHKOH	SAV2	B	BDO	0.00	0.1602	0.0148	6.55	0.28	4.30	No trend		0.1526
CHKOH	SAV2	S	SSALIN	0.00	0.3357	0.0000	14.81	0.00	0.00	No trend		0.1414
CHKOH	SAV2	B	BSALIN	0.00	0.3357	0.0000	14.81	0.00	0.00	No trend		0.1414
CHKOH	SAV2	B	BWTEMP	0.00	0.1703	0.0500	20.30	0.95	4.68	No trend		0.4812
CHKOH	SAV2	S	SWTEMP	0.00	0.1806	0.0520	20.30	0.99	4.86	No trend		0.5539
JMSOH	SAV2	S	SCHLA	8.08	0.6242	0.0229	6.59	0.44	6.60	No trend		0.6825
JMSOH	SAV2	S	STSS	2.03	0.5361	-0.1181	8.70	-2.24	-25.78	No trend		0.6721
JMSOH	SAV2	B	BTSS	0.68	0.8149	0.0000	8.70	0.00	0.00	No trend		0.8362
JMSOH	SAV2	S	SECCHI	0.00	0.5127	0.0000	0.58	0.00	0.00	No trend		0.2801
JMSOH	SAV2	B	BDO	0.00	0.8190	0.0016	8.05	0.03	0.38	No trend		0.0294
JMSOH	SAV2	S	SSALIN	0.00	0.3451	0.0100	4.43	0.19	4.29	No trend		0.6544
JMSOH	SAV2	B	BSALIN	0.00	0.3310	0.0129	4.63	0.24	5.28	No trend		0.5797
JMSOH	SAV2	B	BWTEMP	0.00	0.1936	0.0496	17.55	0.94	5.37	No trend		0.7450
JMSOH	SAV2	S	SWTEMP	0.00	0.1615	0.0503	17.48	0.96	5.47	No trend		0.7540
JMSMH	SAV2	S	SCHLA	25.64	0.8586	0.0018	5.72	0.00	0.00	No trend		0.6165
JMSMH	SAV2	S	STSS	3.88	0.6321	0.0417	15.00	0.79	5.28	No trend		0.7411
JMSMH	SAV2	B	BTSS	1.05	0.1755	0.2481	8.70	4.71	54.18	No trend		0.6914
JMSMH	SAV2	S	SECCHI	0.00	0.5812	0.0000	0.80	0.00	0.00	No trend		0.2826
JMSMH	SAV2	B	BDO	0.00	0.6994	-0.0050	7.55	-0.10	-1.26	No trend		0.0050
JMSMH	SAV2	S	SSALIN	0.00	0.8850	0.0143	13.50	0.27	2.02	No trend		0.8559
JMSMH	SAV2	B	BSALIN	0.00	0.8850	0.0115	15.39	0.22	1.42	No trend		0.8284
JMSMH	SAV2	B	BWTEMP	0.00	0.1033	0.0507	17.18	0.96	5.61	No trend		0.6733
JMSMH	SAV2	S	SWTEMP	0.00	0.2245	0.0500	17.18	0.95	5.53	No trend		0.7480
JMSPH	SAV2	S	SCHLA	14.55	0.4072	-0.0353	8.24	-0.67	-8.13	No trend		0.1482
JMSPH	SAV2	S	STSS	4.48	0.5764	0.0310	10.00	0.59	5.89	No trend		0.0305
JMSPH	SAV2	B	BTSS	0.55	0.0450	0.2561	12.35	4.87	39.41	No trend		0.1149
JMSPH	SAV2	S	SECCHI	0.00	0.0728	-0.0056	1.00	-0.11	-10.56	No trend		0.5253
JMSPH	SAV2	B	BDO	0.00	0.0246	0.0187	7.65	0.36	4.65	No trend		0.4682
JMSPH	SAV2	S	SSALIN	0.00	0.6272	-0.0417	18.06	-0.79	-4.38	No trend		0.9367
JMSPH	SAV2	B	BSALIN	0.00	0.0653	-0.1000	19.72	-1.90	-9.64	No trend		0.3268
JMSPH	SAV2	B	BWTEMP	0.00	0.0633	0.0625	16.60	1.19	7.15	No trend		0.4866
JMSPH	SAV2	S	SWTEMP	0.00	0.3604	0.0250	17.13	0.48	2.77	No trend		0.7521

Appendix B - Section II. - Continued.

Segment	Season	Layer	Parameter	% BDL	P value	Slope	Absolute		Percent	Direction	Homogeneity	
							Baseline	Change	Change		test	P value
WBEMH	SAV2	S	STN	0.00	0.0231	-0.0126	0.94	-0.19	-20.03	No trend		0.7807
WBEMH	SAV2	B	BTN	0.00	0.0909	-0.0078	0.92	-0.12	-12.78	No trend		0.8285
WBEMH	SAV2	S	SDIN	3.92	0.4654	-0.0015	0.40	-0.02	-5.52	No trend		0.7742
WBEMH	SAV2	B	BDIN	0.98	0.2807	-0.0031	0.45	-0.05	-10.36	No trend		0.7621
WBEMH	SAV2	S	STP	0.00	0.0012	-0.0014	0.08	-0.02	-26.60	Improving		0.6467
WBEMH	SAV2	B	BTP	0.00	0.0123	-0.0013	0.08	-0.02	-24.28	No trend		0.2326
WBEMH	SAV2	S	SPO4F	6.86	0.0019	-0.0005	0.04	-0.01	-15.88	Improving		0.3682
WBEMH	SAV2	B	BPO4F	5.83	0.0017	-0.0005	0.04	-0.01	-17.46	Improving		0.4333
WBEMH	SAV2	S	SCHLA	0.00	0.3587	-0.0609	8.10	-0.91	-11.29	No trend		0.4623
WBEMH	SAV2	S	STSS	0.00	0.0677	-0.3022	11.25	-4.53	-40.29	No trend		0.0491
WBEMH	SAV2	B	BTSS	0.00	0.2337	-0.2013	10.90	-3.02	-27.69	No trend		0.0268
WBEMH	SAV2	S	SECCHI	0.00	0.2652	0.0000	0.78	0.00	0.00	No trend		0.4795
WBEMH	SAV2	B	BDO	0.00	0.0126	0.0639	6.40	0.96	14.99	No trend		0.8383
WBEMH	SAV2	S	SSALIN	0.00	0.2186	0.1188	15.98	1.78	11.15	No trend		0.8929
WBEMH	SAV2	B	BSALIN	0.00	0.3926	0.0701	16.45	1.05	6.39	No trend		0.9586
WBEMH	SAV2	B	BWTEMP	0.00	0.1038	0.0871	16.55	1.31	7.89	No trend		0.3649
WBEMH	SAV2	S	SWTEMP	0.00	0.3270	0.0522	17.00	0.78	4.60	No trend		0.4506
SBEMH	SAV2	S	STN	0.00	0.0092	-0.0133	1.08	-0.20	-18.37	Improving		0.8197
SBEMH	SAV2	B	BTN	0.00	0.9485	-0.0005	0.94	-0.01	-0.80	No trend		0.2141
SBEMH	SAV2	S	SDIN	0.00	0.1890	-0.0056	0.57	-0.08	-14.87	No trend		0.7470
SBEMH	SAV2	B	BDIN	0.00	0.7426	0.0008	0.51	0.01	2.22	No trend		0.3536
SBEMH	SAV2	S	STP	0.00	0.0001	-0.0013	0.08	-0.02	-25.32	Improving		0.6269
SBEMH	SAV2	B	BTP	0.00	0.0012	-0.0013	0.08	-0.02	-25.37	Improving		0.3603
SBEMH	SAV2	S	SPO4F	1.45	0.1497	-0.0005	0.05	-0.01	-13.42	No trend		0.7771
SBEMH	SAV2	B	BPO4F	0.96	0.0370	-0.0006	0.05	-0.01	-17.25	No trend		0.6926
SBEMH	SAV2	S	SCHLA	0.97	0.2427	-0.0657	2.20	-0.98	-44.77	No trend		0.6490
SBEMH	SAV2	S	STSS	0.00	0.0130	-0.2895	9.83	-4.34	-44.20	No trend		0.5195
SBEMH	SAV2	B	BTSS	0.00	0.0019	-0.4129	11.15	-6.19	-55.55	Improving		0.8144
SBEMH	SAV2	S	SECCHI	0.00	0.1543	0.0109	0.85	0.16	19.26	No trend		0.8967
SBEMH	SAV2	B	BDO	0.00	0.0023	0.0750	5.45	1.12	20.64	Improving		0.7253
SBEMH	SAV2	S	SSALIN	0.00	0.2185	0.1188	15.98	1.78	11.15	No trend		0.8381
SBEMH	SAV2	B	BSALIN	0.00	0.2513	-0.1018	17.75	-1.53	-8.60	No trend		0.7113
SBEMH	SAV2	B	BWTEMP	0.00	0.0011	0.1742	16.70	2.61	15.64	Increasing		0.0268
SBEMH	SAV2	S	SWTEMP	0.00	0.0872	0.0869	17.63	1.30	7.39	No trend		0.3211
EBEMH	SAV2	S	STN	0.00	0.0293	-0.0120	1.01	-0.18	-17.86	No trend		0.7887
EBEMH	SAV2	B	BTN	0.00	0.0283	-0.0072	0.88	-0.11	-12.30	No trend		0.8645
EBEMH	SAV2	S	SDIN	0.00	0.2678	-0.0049	0.54	-0.07	-13.76	No trend		0.5733
EBEMH	SAV2	B	BDIN	0.00	0.4783	-0.0032	0.49	-0.05	-9.74	No trend		0.7708
EBEMH	SAV2	S	STP	0.00	0.0000	-0.0016	0.08	-0.02	-32.14	Improving		0.4268
EBEMH	SAV2	B	BTP	0.00	0.0002	-0.0012	0.07	-0.02	-23.62	Improving		0.6509
EBEMH	SAV2	S	SPO4F	1.00	0.0901	-0.0005	0.05	-0.01	-13.76	No trend		0.7769
EBEMH	SAV2	B	BPO4F	0.99	0.0328	-0.0005	0.05	-0.01	-14.78	No trend		0.7376
EBEMH	SAV2	S	SCHLA	1.98	0.4781	-0.0388	3.30	-0.58	-17.63	No trend		0.6386
EBEMH	SAV2	S	STSS	0.00	0.0154	-0.3007	9.83	-4.51	-45.91	No trend		0.4356
EBEMH	SAV2	B	BTSS	0.00	0.0076	-0.3408	10.90	-5.11	-46.90	Improving		0.8287
EBEMH	SAV2	S	SECCHI	0.00	0.1465	0.0109	1.00	0.16	16.37	No trend		0.8596
EBEMH	SAV2	B	BDO	0.00	0.0054	0.0667	5.95	1.00	16.81	Improving		0.6645
EBEMH	SAV2	S	SSALIN	0.00	0.2184	0.1068	16.00	1.60	10.01	No trend		0.8583
EBEMH	SAV2	B	BSALIN	0.00	0.8349	-0.0192	18.18	-0.29	-1.58	No trend		0.8286
EBEMH	SAV2	B	BWTEMP	0.00	0.0123	0.1194	16.10	1.79	11.13	No trend		0.0855
EBEMH	SAV2	S	SWTEMP	0.00	0.1443	0.0617	17.00	0.93	5.44	No trend		0.3193
ELIPH	SAV2	S	SCHLA	15.22	0.8820	0.0049	7.70	0.00	0.00	No trend		0.4319
ELIPH	SAV2	S	STSS	3.54	0.9472	0.0000	8.70	0.00	0.00	No trend		0.6350
ELIPH	SAV2	B	BTSS	0.00	0.5964	0.0690	8.70	1.31	15.08	No trend		0.9094
ELIPH	SAV2	S	SECCHI	0.00	0.0045	-0.0090	0.95	-0.17	-17.91	Degrading		0.4153
ELIPH	SAV2	B	BDO	0.00	0.0875	0.0128	7.23	0.24	3.37	No trend		0.1283
ELIPH	SAV2	S	SSALIN	0.00	0.7069	-0.0357	17.84	-0.68	-3.80	No trend		0.9670
ELIPH	SAV2	B	BSALIN	0.00	0.3698	-0.0586	19.89	-1.11	-5.59	No trend		0.9689
ELIPH	SAV2	B	BWTEMP	0.00	0.0934	0.0636	16.73	1.21	7.23	No trend		0.5303
ELIPH	SAV2	S	SWTEMP	0.00	0.0613	0.0625	17.18	1.19	6.91	No trend		0.3826

Appendix B - Section II. - Continued.

Segment	Season	Layer	Parameter	% BDL	P value	Slope	Absolute		Percent	Direction	Homogeneity	
							Baseline	Change	Change		test	P value
PMKTF	SAV2	S	SCHLA	51.67	0.1755	0.0000	3.10	0.00	0.00	High BDLs		0.0103
PMKTF	SAV2	S	STSS	1.95	0.2081	0.1988	8.70	3.78	43.41	No trend		0.6652
PMKTF	SAV2	B	BTSS	2.04	0.9068	0.0000	8.70	0.00	0.00	No trend		0.7821
PMKTF	SAV2	S	SECCHI	0.00	0.0005	-0.0109	0.90	-0.21	-23.04	Degrading		0.8515
PMKTF	SAV2	B	BDO	0.00	0.0088	0.0250	7.13	0.48	6.67	Improving		0.6150
PMKTF	SAV2	S	SSALIN	0.00	0.4973	0.0000	3.06	0.00	0.00	No trend		0.2687
PMKTF	SAV2	B	BSALIN	0.00	0.4988	0.0000	3.06	0.00	0.00	No trend		0.2691
PMKTF	SAV2	B	BWTEMP	0.00	0.4014	-0.0294	18.28	-0.56	-3.05	No trend		0.9497
PMKTF	SAV2	S	SWTEMP	0.00	0.3398	-0.0360	18.40	-0.68	-3.72	No trend		0.9201
PMKOH	SAV2	S	SCHLA	15.42	0.8563	0.0000	5.03	0.00	0.00	No trend		0.5892
PMKOH	SAV2	S	STSS	0.61	0.7278	0.0000	30.50	0.00	0.00	No trend		0.4827
PMKOH	SAV2	B	BTSS	0.00	0.8019	0.0000	8.70	0.00	0.00	No trend		0.6013
PMKOH	SAV2	S	SECCHI	0.00	0.6333	0.0000	0.45	0.00	0.00	No trend		0.1802
PMKOH	SAV2	B	BDO	0.00	0.0143	0.0219	7.03	0.42	5.92	No trend		0.3924
PMKOH	SAV2	S	SSALIN	0.00	0.7939	0.0000	5.57	0.00	0.00	No trend		0.9101
PMKOH	SAV2	B	BSALIN	0.00	0.8962	0.0000	5.68	0.00	0.00	No trend		0.9635
PMKOH	SAV2	B	BWTEMP	0.00	0.2909	-0.0327	17.50	-0.62	-3.55	No trend		0.6221
PMKOH	SAV2	S	SWTEMP	0.00	0.2531	-0.0300	17.58	-0.57	-3.24	No trend		0.5128
MPNTF	SAV2	S	SCHLA	57.75	0.1419	0.0000	3.40	0.00	0.00	High BDLs		0.0116
MPNTF	SAV2	S	STSS	31.17	0.2016	0.1381	8.70	0.00	0.00	No trend		0.7422
MPNTF	SAV2	B	BTSS	18.79	0.5549	0.0792	8.70	0.00	0.00	No trend		0.4821
MPNTF	SAV2	S	SECCHI	0.00	0.0005	-0.0125	1.00	-0.24	-23.75	Degrading		0.5959
MPNTF	SAV2	B	BDO	0.00	0.0184	0.0233	7.15	0.44	6.20	No trend		0.5810
MPNTF	SAV2	S	SSALIN	0.00	0.8737	0.0000	3.03	0.00	0.00	No trend		0.4347
MPNTF	SAV2	B	BSALIN	0.00	0.8737	0.0000	3.03	0.00	0.00	No trend		0.4347
MPNTF	SAV2	B	BWTEMP	0.00	0.5584	-0.0218	18.03	-0.41	-2.30	No trend		0.9827
MPNTF	SAV2	S	SWTEMP	0.00	0.5878	-0.0158	18.15	-0.30	-1.65	No trend		0.9885
MPNOH	SAV2	S	SCHLA	24.64	0.3836	0.0000	3.63	0.00	0.00	No trend		0.8629
MPNOH	SAV2	S	STSS	0.61	0.5818	0.0917	14.00	1.74	12.44	No trend		0.2245
MPNOH	SAV2	B	BTSS	0.00	0.8529	0.0000	10.00	0.00	0.00	No trend		0.3387
MPNOH	SAV2	S	SECCHI	0.00	0.8701	0.0000	0.55	0.00	0.00	No trend		0.0408
MPNOH	SAV2	B	BDO	0.00	0.0122	0.0250	7.03	0.47	6.76	No trend		0.6419
MPNOH	SAV2	S	SSALIN	0.00	0.7562	0.0000	4.72	0.00	0.00	No trend		0.8786
MPNOH	SAV2	B	BSALIN	0.00	0.7391	0.0000	5.18	0.00	0.00	No trend		0.8197
MPNOH	SAV2	B	BWTEMP	0.00	0.3450	-0.0250	17.50	-0.47	-2.71	No trend		0.8150
MPNOH	SAV2	S	SWTEMP	0.00	0.4125	-0.0207	17.65	-0.39	-2.22	No trend		0.8714
YRKMH	SAV2	S	SCHLA	5.83	0.1535	0.0663	7.70	1.26	16.36	No trend		0.8373
YRKMH	SAV2	S	STSS	0.00	0.5079	0.1000	8.70	1.90	21.84	No trend		0.7103
YRKMH	SAV2	B	BTSS	0.35	0.1800	0.2540	8.70	4.83	55.47	No trend		0.7651
YRKMH	SAV2	S	SECCHI	0.00	0.4849	0.0000	0.55	0.00	0.00	No trend		0.1113
YRKMH	SAV2	B	BDO	0.00	0.0943	0.0167	7.03	0.32	4.51	No trend		0.4432
YRKMH	SAV2	S	SSALIN	0.00	0.7971	-0.0177	12.20	-0.34	-2.76	No trend		0.9541
YRKMH	SAV2	B	BSALIN	0.00	0.8414	-0.0164	13.30	-0.31	-2.34	No trend		0.7457
YRKMH	SAV2	B	BWTEMP	0.00	0.3312	-0.0300	17.33	-0.57	-3.29	No trend		0.9093
YRKMH	SAV2	S	SWTEMP	0.00	0.2034	-0.0462	17.60	-0.88	-4.99	No trend		0.7801
YRKPH	SAV2	S	SCHLA	9.46	0.7297	0.0157	7.97	0.30	3.75	No trend		0.6082
YRKPH	SAV2	S	STSS	15.92	0.3166	0.1250	8.50	0.00	0.00	No trend		0.6197
YRKPH	SAV2	B	BTSS	3.38	0.4079	0.1292	8.70	2.45	28.21	No trend		0.8544
YRKPH	SAV2	S	SECCHI	0.00	0.0072	-0.0100	1.03	-0.19	-18.54	Degrading		0.5074
YRKPH	SAV2	B	BDO	0.00	0.1570	0.0148	7.18	0.28	3.92	No trend		0.1692
YRKPH	SAV2	S	SSALIN	0.00	0.5201	-0.0417	18.42	-0.79	-4.30	No trend		0.9500
YRKPH	SAV2	B	BSALIN	0.00	0.8751	0.0043	18.32	0.08	0.44	No trend		0.7082
YRKPH	SAV2	B	BWTEMP	0.00	0.2588	-0.0333	17.08	-0.63	-3.71	No trend		0.9084
YRKPH	SAV2	S	SWTEMP	0.00	0.1702	-0.0373	17.18	-0.71	-4.13	No trend		0.8377

Appendix B - Section II. - Continued.

Segment	Season	Layer	Parameter	% BDL	P value	Slope	Absolute		Percent	Direction	Homogeneity	
							Baseline	Change	Change		test	P value
RPPTF	SAV2	S	SCHLA	18.03	0.1099	0.0650	4.62	0.00	0.00	No trend		0.5758
RPPTF	SAV2	S	STSS	0.85	0.0955	0.2500	8.70	4.75	54.60	No trend		0.5927
RPPTF	SAV2	B	BTSS	1.52	0.1698	0.2183	8.70	4.15	47.66	No trend		0.6699
RPPTF	SAV2	S	SECCHI	0.00	0.0136	-0.0067	0.93	-0.13	-13.69	No trend		0.7677
RPPTF	SAV2	B	BDO	0.00	0.0052	0.0300	7.78	0.57	7.33	Improving		0.8873
RPPTF	SAV2	S	SSALIN	0.00	0.2756	0.0000	3.03	0.00	0.00	No trend		0.0359
RPPTF	SAV2	B	BSALIN	0.00	0.2756	0.0000	3.03	0.00	0.00	No trend		0.0359
RPPTF	SAV2	B	BWTEMP	0.00	0.5726	0.0250	17.18	0.48	2.77	No trend		0.8499
RPPTF	SAV2	S	SWTEMP	0.00	0.6854	0.0200	17.18	0.38	2.21	No trend		0.8306
RPPMH	SAV2	S	SCHLA	7.59	0.3529	0.0395	6.76	0.75	11.12	No trend		0.9436
RPPMH	SAV2	S	STSS	19.40	0.5759	0.0123	8.25	0.00	0.00	No trend		0.9054
RPPMH	SAV2	B	BTSS	7.38	0.0567	0.2500	8.10	4.75	58.64	No trend		0.5220
RPPMH	SAV2	S	SECCHI	0.00	0.0314	-0.0083	0.95	-0.16	-16.67	No trend		0.0817
RPPMH	SAV2	B	BDO	0.00	0.2030	0.0129	7.15	0.24	3.42	No trend		0.2948
RPPMH	SAV2	S	SSALIN	0.00	0.3835	-0.0714	14.13	-1.36	-9.60	No trend		0.9514
RPPMH	SAV2	B	BSALIN	0.00	0.3992	-0.0551	15.11	-1.05	-6.92	No trend		0.9034
RPPMH	SAV2	B	BWTEMP	0.00	0.4236	-0.0239	16.03	-0.45	-2.83	No trend		0.9420
RPPMH	SAV2	S	SWTEMP	0.00	0.6786	-0.0162	17.18	-0.31	-1.79	No trend		0.9527
RPPOH	SAV2	S	SCHLA	8.49	0.0195	0.0910	4.11	1.73	42.06	No trend		0.7822
RPPOH	SAV2	S	STSS	0.68	0.5443	-0.0714	8.70	-1.36	-15.60	No trend		0.4199
RPPOH	SAV2	B	BTSS	0.68	0.4615	0.1250	8.70	2.38	27.30	No trend		0.7098
RPPOH	SAV2	S	SECCHI	0.00	0.3443	0.0000	0.50	0.00	0.00	No trend		0.4709
RPPOH	SAV2	B	BDO	0.00	0.0157	0.0268	7.98	0.51	6.38	No trend		0.7395
RPPOH	SAV2	S	SSALIN	0.00	0.6168	0.0000	4.11	0.00	0.00	No trend		0.9570
RPPOH	SAV2	B	BSALIN	0.00	0.6239	0.0000	6.06	0.00	0.00	No trend		0.9719
RPPOH	SAV2	B	BWTEMP	0.00	0.8282	-0.0054	18.80	-0.10	-0.54	No trend		0.9891
RPPOH	SAV2	S	SWTEMP	0.00	0.9886	0.0000	17.18	0.00	0.00	No trend		0.9639
CRRMH	SAV2	S	SCHLA	9.63	0.5923	0.0131	6.70	0.25	3.72	No trend		0.8333
CRRMH	SAV2	S	STSS	50.89	0.2934	-0.0742	7.70	0.00	0.00	High BDLs		0.6110
CRRMH	SAV2	B	BTSS	30.00	0.8708	0.0000	7.40	0.00	0.00	No trend		0.9211
CRRMH	SAV2	S	SECCHI	0.00	0.0023	-0.0125	1.85	-0.24	-12.84	Degrading		0.5462
CRRMH	SAV2	B	BDO	0.00	0.4781	0.0102	7.50	0.19	2.57	No trend		0.0930
CRRMH	SAV2	S	SSALIN	0.00	0.3833	-0.0567	15.04	-1.08	-7.16	No trend		0.9681
CRRMH	SAV2	B	BSALIN	0.00	0.3619	-0.0655	15.02	-1.24	-8.29	No trend		0.8851
CRRMH	SAV2	B	BWTEMP	0.00	0.1785	-0.0393	17.18	-0.75	-4.35	No trend		0.7103
CRRMH	SAV2	S	SWTEMP	0.00	0.9090	0.0042	17.18	0.08	0.46	No trend		0.9947

Appendix B - Section II. - Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	Absolute Change	Percent Change	Direction	Homogeneity test P value
APPTF	Spring1	S	SCHLA	17.44	0.8455	-0.0079	13.03	0.00	0.00	No trend	0.9128
APPTF	Spring1	S	STSS	0.00	0.6125	-0.1000	23.75	-1.60	-6.74	No trend	0.0198
APPTF	Spring1	B	BTSS	0.00	0.4264	0.3750	26.25	6.00	22.86	No trend	0.0745
APPTF	Spring1	S	SECCHI	0.00	0.4939	0.0000	0.53	0.00	0.00	No trend	0.9203
APPTF	Spring1	B	BDO	0.00	0.3038	-0.0204	9.70	-0.39	-4.00	No trend	0.5941
APPTF	Spring1	S	SSALIN	0.00	0.4442	0.0000	0.01	0.00	0.00	No trend	0.2330
APPTF	Spring1	B	BSALIN	0.00	0.3503	0.0000	0.01	0.00	0.00	No trend	0.2783
APPTF	Spring1	B	BWTEMP	0.00	0.0343	0.1388	17.25	2.64	15.28	No trend	0.6351
APPTF	Spring1	S	SWTEMP	0.00	0.0325	0.1275	18.25	2.42	13.27	No trend	0.7898
JMSTF	Spring1	S	SCHLA	40.52	0.8953	0.0000	8.09	0.00	0.00	High BDLs	0.4064
JMSTF	Spring1	S	STSS	10.14	0.3610	0.1938	16.00	3.10	19.38	No trend	0.6237
JMSTF	Spring1	B	BTSS	0.33	0.2292	0.8000	30.25	12.80	42.31	No trend	0.1243
JMSTF	Spring1	S	SECCHI	0.00	0.0030	-0.0100	0.73	-0.19	-26.21	Degrading	0.4838
JMSTF	Spring1	B	BDO	0.00	0.3727	-0.0154	9.35	-0.29	-3.13	No trend	0.9775
JMSTF	Spring1	S	SSALIN	0.00	0.0060	0.0000	0.01	0.00	0.00	Unchanged	0.6993
JMSTF	Spring1	B	BSALIN	0.00	0.0037	0.0000	0.01	0.00	0.00	Unchanged	0.8917
JMSTF	Spring1	B	BWTEMP	0.00	0.0114	0.1637	15.25	3.11	20.39	No trend	0.7873
JMSTF	Spring1	S	SWTEMP	0.00	0.0454	0.1082	16.50	2.06	12.46	No trend	0.9209
CHKOH	Spring1	S	SCHLA	5.41	0.1756	0.4993	17.38	7.99	45.97	No trend	0.8707
CHKOH	Spring1	S	STSS	0.00	0.4537	0.1742	18.50	2.79	15.07	No trend	0.5388
CHKOH	Spring1	B	BTSS	0.00	0.1152	0.9583	25.00	15.33	61.33	No trend	0.7344
CHKOH	Spring1	S	SECCHI	0.00	0.0089	-0.0143	0.63	-0.23	-36.57	Degrading	0.5211
CHKOH	Spring1	B	BDO	0.00	0.3088	-0.0364	9.08	-0.58	-6.41	No trend	0.5570
CHKOH	Spring1	S	SSALIN	0.00	0.0007	0.0000	0.01	0.00	0.00	Unchanged	0.7201
CHKOH	Spring1	B	BSALIN	0.00	0.0007	0.0000	0.01	0.00	0.00	Unchanged	0.7201
CHKOH	Spring1	B	BWTEMP	0.00	0.0184	0.1625	14.15	2.60	18.37	No trend	0.4817
CHKOH	Spring1	S	SWTEMP	0.00	0.0213	0.1460	14.35	2.34	16.28	No trend	0.5917
JMSOH	Spring1	S	SCHLA	12.71	0.5996	-0.0559	7.38	-1.01	-13.63	No trend	0.4586
JMSOH	Spring1	S	STSS	0.85	0.1403	-0.8333	34.25	-12.50	-36.50	No trend	0.7698
JMSOH	Spring1	B	BTSS	0.85	0.4256	-1.1250	74.25	-16.88	-22.73	No trend	0.8079
JMSOH	Spring1	S	SECCHI	0.00	0.3234	0.0000	0.43	0.00	0.00	No trend	0.6464
JMSOH	Spring1	B	BDO	0.00	0.0274	-0.0467	8.93	-0.89	-9.93	No trend	0.7989
JMSOH	Spring1	S	SSALIN	0.00	0.0723	0.0150	1.88	0.29	15.20	No trend	0.9131
JMSOH	Spring1	B	BSALIN	0.00	0.0666	0.0350	2.34	0.67	28.45	No trend	0.7350
JMSOH	Spring1	B	BWTEMP	0.00	0.0576	0.0991	15.95	1.88	11.81	No trend	0.7543
JMSOH	Spring1	S	SWTEMP	0.00	0.0413	0.0994	16.13	1.89	11.72	No trend	0.8964
JMSMH	Spring1	S	SCHLA	21.67	0.3248	-0.0940	5.51	0.00	0.00	No trend	0.5730
JMSMH	Spring1	S	STSS	0.00	0.6782	0.0909	20.50	1.73	8.43	No trend	0.4419
JMSMH	Spring1	B	BTSS	0.89	0.0449	1.6111	29.00	24.17	83.33	No trend	0.8020
JMSMH	Spring1	S	SECCHI	0.00	0.2598	0.0036	0.70	0.07	9.69	No trend	0.8067
JMSMH	Spring1	B	BDO	0.00	0.0021	-0.0545	8.78	-1.04	-11.81	Degrading	0.8627
JMSMH	Spring1	S	SSALIN	0.00	0.5208	0.0889	12.90	1.69	13.09	No trend	0.6931
JMSMH	Spring1	B	BSALIN	0.00	0.5206	0.0714	15.79	1.36	8.59	No trend	0.6285
JMSMH	Spring1	B	BWTEMP	0.00	0.0181	0.0944	14.30	1.79	12.55	No trend	0.9950
JMSMH	Spring1	S	SWTEMP	0.00	0.0754	0.0880	14.83	1.67	11.28	No trend	0.6790
JMSPH	Spring1	S	SCHLA	8.43	0.0202	-0.2631	10.88	-5.00	-45.94	No trend	0.3750
JMSPH	Spring1	S	STSS	2.24	0.5992	0.0686	10.03	1.30	13.00	No trend	0.0037
JMSPH	Spring1	B	BTSS	0.00	0.0103	0.5400	15.50	10.26	66.19	No trend	0.0775
JMSPH	Spring1	S	SECCHI	0.00	0.5283	0.0000	1.15	0.00	0.00	No trend	0.3402
JMSPH	Spring1	B	BDO	0.00	0.5169	0.0071	8.68	0.13	1.55	No trend	0.3581
JMSPH	Spring1	S	SSALIN	0.00	0.7929	-0.0265	20.24	-0.50	-2.49	No trend	0.7442
JMSPH	Spring1	B	BSALIN	0.00	0.0290	-0.1200	23.94	-2.28	-9.53	No trend	0.1677
JMSPH	Spring1	B	BWTEMP	0.00	0.0072	0.1194	11.80	2.27	19.23	Increasing	0.7970
JMSPH	Spring1	S	SWTEMP	0.00	0.1757	0.0500	14.23	0.95	6.68	No trend	0.4875

Appendix B - Section II. - Continued.

Segment	Season	Layer	Parameter	% BDL	P value	Slope	Absolute			Percent		Homogeneity	
							Baseline	Change	Change	Change	Change	Direction	test P value
WBEMH	Spring1	S	STN	0.00	0.0892	-0.0150	0.89	-0.22	-25.15	No trend	0.7467		
WBEMH	Spring1	B	BTN	0.00	0.3785	-0.0059	0.83	-0.09	-10.74	No trend	0.9230		
WBEMH	Spring1	S	SDIN	4.55	0.8135	-0.0005	0.20	-0.01	-4.17	No trend	0.9988		
WBEMH	Spring1	B	BDIN	4.65	0.4663	-0.0023	0.25	-0.03	-13.77	No trend	0.8831		
WBEMH	Spring1	S	STP	0.00	0.0239	-0.0014	0.08	-0.02	-25.80	No trend	0.7475		
WBEMH	Spring1	B	BTP	0.00	0.2263	-0.0007	0.06	-0.01	-18.06	No trend	0.1640		
WBEMH	Spring1	S	SPO4F	22.22	0.0010	-0.0004	0.01			Improving	0.7142		
WBEMH	Spring1	B	BPO4F	20.00	0.0009	-0.0005	0.02			Improving	0.9748		
WBEMH	Spring1	S	SCHLA	0.00	0.2049	-0.7391	34.25	-11.09	-32.37	No trend	0.1769		
WBEMH	Spring1	S	STSS	0.00	0.9772	-0.0333	24.55	-0.50	-2.04	No trend	0.0336		
WBEMH	Spring1	B	BTSS	0.00	0.3912	0.4833	20.75	7.25	34.94	No trend	0.0582		
WBEMH	Spring1	S	SECCHI	0.00	0.9762	0.0000	0.60	0.00	0.00	No trend	0.3220		
WBEMH	Spring1	B	BDO	0.00	0.1745	0.0444	8.05	0.67	8.28	No trend	0.5643		
WBEMH	Spring1	S	SSALIN	0.00	0.0863	0.2688	13.65	4.03	29.53	No trend	0.9829		
WBEMH	Spring1	B	BSALIN	0.00	0.2299	0.1557	15.25	2.34	15.32	No trend	0.9132		
WBEMH	Spring1	B	BWTEMP	0.00	0.0344	0.1500	13.70	2.25	16.42	No trend	0.9700		
WBEMH	Spring1	S	SWTEMP	0.00	0.2192	0.1000	15.15	1.50	9.90	No trend	0.6937		
SBEMH	Spring1	S	STN	0.00	0.0314	-0.0211	1.43	-0.32	-22.16	No trend	0.9676		
SBEMH	Spring1	B	BTN	0.00	0.1846	0.0133	0.86	0.20	23.01	No trend	0.5108		
SBEMH	Spring1	S	SDIN	0.00	0.2904	-0.0078	0.73	-0.12	-16.19	No trend	0.8521		
SBEMH	Spring1	B	BDIN	0.00	0.2192	0.0071	0.37	0.11	28.63	No trend	0.5759		
SBEMH	Spring1	S	STP	0.00	0.0010	-0.0013	0.06	-0.02	-30.36	Improving	0.9147		
SBEMH	Spring1	B	BTP	0.00	0.0239	-0.0012	0.07	-0.02	-25.83	No trend	0.2573		
SBEMH	Spring1	S	SPO4F	6.67	0.3307	-0.0004	0.03	-0.01	-19.69	No trend	0.9285		
SBEMH	Spring1	B	BPO4F	7.78	0.0633	-0.0006	0.03	-0.01	-30.47	No trend	0.8114		
SBEMH	Spring1	S	SCHLA	2.35	0.1049	-0.3249	2.70	-4.87	-180.51	No trend	0.4797		
SBEMH	Spring1	S	STSS	0.00	0.3458	-0.1911	8.95	-2.87	-32.02	No trend	0.4101		
SBEMH	Spring1	B	BTSS	0.00	0.0719	-0.3683	12.75	-5.53	-43.33	No trend	0.6562		
SBEMH	Spring1	S	SECCHI	0.00	0.6660	0.0000	0.73	0.00	0.00	No trend	0.9779		
SBEMH	Spring1	B	BDO	0.00	0.0363	0.0700	5.83	1.05	18.03	No trend	0.3179		
SBEMH	Spring1	S	SSALIN	0.00	0.0862	0.3063	10.93	4.59	42.05	No trend	0.8006		
SBEMH	Spring1	B	BSALIN	0.00	0.1226	-0.1881	18.58	-2.82	-15.19	No trend	0.4308		
SBEMH	Spring1	B	BWTEMP	0.00	0.0000	0.4271	11.93	6.41	53.73	Increasing	0.8486		
SBEMH	Spring1	S	SWTEMP	0.00	0.0258	0.2150	15.55	3.23	20.74	No trend	0.8873		
EBEMH	Spring1	S	STN	0.00	0.1158	-0.0145	1.12	-0.22	-19.44	No trend	0.7662		
EBEMH	Spring1	B	BTN	0.00	0.1111	-0.0051	0.76	-0.08	-10.10	No trend	0.9961		
EBEMH	Spring1	S	SDIN	0.00	0.4405	-0.0064	0.53	-0.10	-17.96	No trend	0.4750		
EBEMH	Spring1	B	BDIN	0.00	0.8365	-0.0020	0.34	-0.03	-8.82	No trend	0.9961		
EBEMH	Spring1	S	STP	0.00	0.0004	-0.0018	0.07	-0.03	-39.47	Improving	0.5273		
EBEMH	Spring1	B	BTP	0.00	0.0034	-0.0009	0.06	-0.01	-23.89	Improving	0.8435		
EBEMH	Spring1	S	SPO4F	11.11	0.1862	-0.0005	0.03	-0.01	-27.78	No trend	0.9366		
EBEMH	Spring1	B	BPO4F	8.89	0.0541	-0.0005	0.03	-0.01	-28.30	No trend	0.9660		
EBEMH	Spring1	S	SCHLA	0.00	0.3306	-0.3256	8.70	-4.88	-56.14	No trend	0.2850		
EBEMH	Spring1	S	STSS	0.00	0.3912	-0.1600	8.40	-2.40	-28.57	No trend	0.3211		
EBEMH	Spring1	B	BTSS	0.00	0.2299	-0.2750	11.90	-4.13	-34.66	No trend	0.9500		
EBEMH	Spring1	S	SECCHI	0.00	0.6422	0.0000	1.05	0.00	0.00	No trend	0.8318		
EBEMH	Spring1	B	BDO	0.00	0.0814	0.0525	6.70	0.79	11.75	No trend	0.2779		
EBEMH	Spring1	S	SSALIN	0.00	0.0861	0.2225	14.05	3.34	23.75	No trend	0.8615		
EBEMH	Spring1	B	BSALIN	0.00	0.7971	-0.0275	18.25	-0.41	-2.26	No trend	0.3646		
EBEMH	Spring1	B	BWTEMP	0.00	0.0009	0.2500	12.15	3.75	30.86	Increasing	0.5617		
EBEMH	Spring1	S	SWTEMP	0.00	0.0592	0.1157	14.70	1.74	11.81	No trend	0.6297		
ELIPH	Spring1	S	SCHLA	8.89	0.3040	-0.2119	20.02	-3.81	-19.05	No trend	0.3095		
ELIPH	Spring1	S	STSS	3.92	0.7971	-0.0738	11.50	-1.11	-9.63	No trend	0.3338		
ELIPH	Spring1	B	BTSS	1.00	0.5872	0.1833	22.80	2.75	12.06	No trend	0.8194		
ELIPH	Spring1	S	SECCHI	0.00	0.0358	-0.0111	0.98	-0.21	-21.65	No trend	0.1492		
ELIPH	Spring1	B	BDO	0.00	0.8846	-0.0045	8.18	-0.09	-1.06	No trend	0.1167		
ELIPH	Spring1	S	SSALIN	0.00	0.9175	-0.0189	19.25	-0.36	-1.86	No trend	0.8973		
ELIPH	Spring1	B	BSALIN	0.00	0.3958	-0.0571	21.41	-1.09	-5.07	No trend	0.9269		
ELIPH	Spring1	B	BWTEMP	0.00	0.0137	0.1285	13.25	2.44	18.43	No trend	0.7006		
ELIPH	Spring1	S	SWTEMP	0.00	0.0068	0.1063	14.20	2.02	14.22	Increasing	0.5417		

Appendix B - Section II. - Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	Absolute Change	Percent Change	Direction	Homogeneity test P value
PMKTF	Spring1	S	SCHLA	95.45	0.0002	0.0000	3.10	0.00	0.00	High BDLs	0.3749
PMKTF	Spring1	S	STSS	1.61	0.0776	0.5556	15.75	8.89	56.44	No trend	0.5745
PMKTF	Spring1	B	BTSS	0.00	0.8595	-0.0625	20.25	-1.00	-4.94	No trend	0.5358
PMKTF	Spring1	S	SECCHI	0.00	0.0024	-0.0136	0.90	-0.26	-28.79	Degrading	0.9080
PMKTF	Spring1	B	BDO	0.00	0.2454	0.0225	7.83	0.43	5.46	No trend	0.4010
PMKTF	Spring1	S	SSALIN	0.00	0.0243	0.0000	0.01	0.00	0.00	No trend	0.2661
PMKTF	Spring1	B	BSALIN	0.00	0.0265	0.0000	0.01	0.00	0.00	No trend	0.2677
PMKTF	Spring1	B	BWTEMP	0.00	0.2544	-0.0646	17.25	-1.23	-7.12	No trend	0.8446
PMKTF	Spring1	S	SWTEMP	0.00	0.4157	0.0073	17.63	-1.47	-8.33	No trend	0.8052
PMKOH	Spring1	S	SCHLA	42.22	0.3078	-0.0610	4.53	0.00	0.00	High BDLs	0.5507
PMKOH	Spring1	S	STSS	0.00	0.4431	-0.3750	90.00	-7.13	-7.92	No trend	0.2474
PMKOH	Spring1	B	BTSS	0.00	0.9530	0.6667	134.50	10.00	7.43	No trend	0.2839
PMKOH	Spring1	S	SECCHI	0.00	0.1868	0.0000	0.25	0.00	0.00	No trend	0.5867
PMKOH	Spring1	B	BDO	0.00	0.3606	0.0125	7.90	0.24	3.01	No trend	0.2166
PMKOH	Spring1	S	SSALIN	0.00	0.4157	0.0082	3.17	0.16	4.91	No trend	0.9565
PMKOH	Spring1	B	BSALIN	0.00	0.8027	0.0000	3.86	0.00	0.00	No trend	0.9624
PMKOH	Spring1	B	BWTEMP	0.00	0.1469	-0.0600	15.85	-1.14	-7.19	No trend	0.3118
PMKOH	Spring1	S	SWTEMP	0.00	0.1153	-0.0500	16.03	-0.95	-5.93	No trend	0.2341
MPNTF	Spring1	S	SCHLA	90.11	0.0001	0.0000	3.10	0.00	0.00	High BDLs	0.4338
MPNTF	Spring1	S	STSS	14.93	0.0720	0.2692	9.50	4.31	45.34	No trend	0.7657
MPNTF	Spring1	B	BTSS	10.00	0.5048	0.1667	11.13	2.67	23.97	No trend	0.1869
MPNTF	Spring1	S	SECCHI	0.00	0.0023	-0.0214	1.08	-0.41	-37.87	Degrading	0.4025
MPNTF	Spring1	B	BDO	0.00	0.4731	0.0193	7.73	0.37	4.76	No trend	0.5337
MPNTF	Spring1	S	SSALIN	0.00	0.1585	0.0000	0.01	0.00	0.00	No trend	
MPNTF	Spring1	B	BSALIN	0.00	0.1585	0.0000	0.01	0.00	0.00	No trend	
MPNTF	Spring1	B	BWTEMP	0.00	0.4200	-0.0500	17.25	-0.95	-5.51	No trend	0.9115
MPNTF	Spring1	S	SWTEMP	0.00	0.4695	-0.0345	17.38	-0.66	-3.78	No trend	0.9283
MPNOH	Spring1	S	SCHLA	64.37	1.0000	0.0000	3.10	0.00	0.00	High BDLs	0.5889
MPNOH	Spring1	S	STSS	0.00	0.5993	0.2500	43.00	4.75	11.05	No trend	0.0545
MPNOH	Spring1	B	BTSS	0.00	0.9518	0.0000	44.00	0.00	0.00	No trend	0.1013
MPNOH	Spring1	S	SECCHI	0.00	0.0778	0.0000	0.33	0.00	0.00	No trend	0.1369
MPNOH	Spring1	B	BDO	0.00	0.3477	0.0178	8.10	0.34	4.17	No trend	0.5108
MPNOH	Spring1	S	SSALIN	0.00	0.3624	0.0000	2.82	0.00	0.00	No trend	0.9000
MPNOH	Spring1	B	BSALIN	0.00	0.3258	0.0000	2.86	0.00	0.00	No trend	0.8005
MPNOH	Spring1	B	BWTEMP	0.00	0.1800	-0.0443	15.88	-0.84	-5.30	No trend	0.5142
MPNOH	Spring1	S	SWTEMP	0.00	0.2607	-0.0356	16.10	-0.68	-4.20	No trend	0.5704
YRKMH	Spring1	S	SCHLA	12.43	0.3935	0.1764	11.44	3.17	27.76	No trend	0.3857
YRKMH	Spring1	S	STSS	0.00	0.4401	0.3750	42.75	5.63	13.16	No trend	0.4253
YRKMH	Spring1	B	BTSS	0.00	0.0519	3.0625	66.75	45.94	68.82	No trend	0.9657
YRKMH	Spring1	S	SECCHI	0.00	0.3544	0.0000	0.43	0.00	0.00	No trend	0.1582
YRKMH	Spring1	B	BDO	0.00	0.8715	-0.0028	7.88	-0.05	-0.67	No trend	0.8215
YRKMH	Spring1	S	SSALIN	0.00	0.9517	0.0167	11.31	0.32	2.80	No trend	0.8592
YRKMH	Spring1	B	BSALIN	0.00	0.8875	0.0111	12.88	0.21	1.64	No trend	0.3937
YRKMH	Spring1	B	BWTEMP	0.00	0.1890	-0.0583	15.45	-1.11	-7.17	No trend	0.7693
YRKMH	Spring1	S	SWTEMP	0.00	0.0822	-0.0814	15.98	-1.55	-9.68	No trend	0.6549
YRKPH	Spring1	S	SCHLA	7.43	0.4452	-0.1261	14.06	-2.27	-16.15	No trend	0.4340
YRKPH	Spring1	S	STSS	17.83	0.2451	0.2273	8.50	0.00	0.00	No trend	0.3659
YRKPH	Spring1	B	BTSS	5.13	0.2901	0.5000	22.75	7.50	32.97	No trend	0.7590
YRKPH	Spring1	S	SECCHI	0.00	0.0590	-0.0167	1.33	-0.32	-23.90	No trend	0.2107
YRKPH	Spring1	B	BDO	0.00	0.5993	-0.0170	8.25	-0.32	-3.92	No trend	0.3101
YRKPH	Spring1	S	SSALIN	0.00	0.6274	-0.0313	19.39	-0.59	-3.06	No trend	0.7925
YRKPH	Spring1	B	BSALIN	0.00	0.5178	0.0631	20.59	1.20	5.82	No trend	0.4285
YRKPH	Spring1	B	BWTEMP	0.00	0.1243	-0.0600	12.68	-1.14	-8.99	No trend	0.8928
YRKPH	Spring1	S	SWTEMP	0.00	0.0602	-0.0714	14.35	-1.36	-9.46	No trend	0.9024

Appendix B - Section II. - Continued.

Segment	Season	Layer	Parameter	% BDL	P value	Slope	Baseline	Absolute Change	Percent Change	Direction	Homogeneity test P value
RPPTF	Spring1	S	SCHLA	43.93	0.2672	0.1836	4.26	0.00	0.00	High BDLs	0.1602
RPPTF	Spring1	S	STSS	1.06	0.0142	0.5208	24.00	8.33	34.72	No trend	0.9038
RPPTF	Spring1	B	BTSS	1.65	0.0505	0.8462	34.00	13.54	39.82	No trend	0.7007
RPPTF	Spring1	S	SECCHI	0.00	0.1168	-0.0056	0.50	-0.09	-17.78	No trend	0.5127
RPPTF	Spring1	B	BDO	0.00	0.1587	0.0363	8.65	0.69	7.96	No trend	0.8612
RPPTF	Spring1	S	SSALIN	0.00	0.0003	0.0000	0.01	0.00	0.00	Unchanged	0.9455
RPPTF	Spring1	B	BSALIN	0.00	0.0003	0.0000	0.01	0.00	0.00	Unchanged	0.9455
RPPTF	Spring1	B	BWTEMP	0.00	0.3840	0.0500	14.50	0.95	6.55	No trend	0.5194
RPPTF	Spring1	S	SWTEMP	0.00	0.5206	0.0417	14.63	0.79	5.41	No trend	0.4407
RPPMH	Spring1	S	SCHLA	15.05	0.8716	0.0186	10.12	0.00	0.00	No trend	0.7505
RPPMH	Spring1	S	STSS	17.14	0.5982	0.0625	8.25	0.00	0.00	No trend	0.8038
RPPMH	Spring1	B	BTSS	7.14	0.0153	0.5357	8.10	10.18	125.66	No trend	0.6842
RPPMH	Spring1	S	SECCHI	0.00	0.2562	-0.0091	1.00	-0.17	-17.27	No trend	0.0158
RPPMH	Spring1	B	BDO	0.00	0.4665	-0.0143	9.03	-0.27	-3.01	No trend	0.9769
RPPMH	Spring1	S	SSALIN	0.00	0.4190	-0.0808	13.81	-1.54	-11.12	No trend	0.8278
RPPMH	Spring1	B	BSALIN	0.00	0.4425	-0.0450	15.11	-0.86	-5.66	No trend	0.6557
RPPMH	Spring1	B	BWTEMP	0.00	0.2842	-0.0357	12.75	-0.68	-5.32	No trend	0.7804
RPPMH	Spring1	S	SWTEMP	0.00	0.5994	-0.0250	14.00	-0.47	-3.39	No trend	0.6755
RPPOH	Spring1	S	SCHLA	24.18	0.0269	0.2575	3.35	0.00	0.00	No trend	0.4280
RPPOH	Spring1	S	STSS	0.00	0.1651	-1.0000	48.00	-16.00	-33.33	No trend	0.2904
RPPOH	Spring1	B	BTSS	0.00	0.3763	0.6333	65.00	10.13	15.59	No trend	0.4356
RPPOH	Spring1	S	SECCHI	0.00	0.5102	0.0000	0.30	0.00	0.00	No trend	0.9770
RPPOH	Spring1	B	BDO	0.00	0.3736	0.0250	9.65	0.48	4.92	No trend	0.7290
RPPOH	Spring1	S	SSALIN	0.00	0.7831	0.0000	0.76	0.00	0.00	No trend	0.8294
RPPOH	Spring1	B	BSALIN	0.00	0.7959	0.0000	0.85	0.00	0.00	No trend	0.9111
RPPOH	Spring1	B	BWTEMP	0.00	0.8036	-0.0050	14.90	-0.09	-0.64	No trend	0.8467
RPPOH	Spring1	S	SWTEMP	0.00	0.9356	0.0046	15.28	0.09	0.57	No trend	0.6872
CRRMH	Spring1	S	SCHLA	23.60	0.6446	-0.0436	10.65	0.00	0.00	No trend	0.7207
CRRMH	Spring1	S	STSS	42.25	0.0744	-0.1667	6.75	0.00	0.00	High BDLs	0.8186
CRRMH	Spring1	B	BTSS	32.76	0.9350	0.0000	7.00	0.00	0.00	No trend	0.8681
CRRMH	Spring1	S	SECCHI	0.00	0.0167	-0.0313	1.90	-0.59	-31.25	No trend	0.2558
CRRMH	Spring1	B	BDO	0.00	0.1152	-0.0521	9.38	-0.99	-10.57	No trend	0.8726
CRRMH	Spring1	S	SSALIN	0.00	0.4188	-0.0538	15.07	-1.02	-6.78	No trend	0.9154
CRRMH	Spring1	B	BSALIN	0.00	0.3838	-0.0710	15.14	-1.35	-8.91	No trend	0.6263
CRRMH	Spring1	B	BWTEMP	0.00	0.0622	-0.0615	13.98	-1.17	-8.37	No trend	0.6024
CRRMH	Spring1	S	SWTEMP	0.00	0.8242	0.0100	14.20	0.19	1.34	No trend	0.9231

Appendix B - Section II. - Continued.

Segment	Season	Layer	Parameter	% BDL	P value	Slope	Baseline	Absolute	Percent	Direction	Homogeneity
								Change	Change		test
APPTF	Spring2	S	SCHLA	5.62	0.2598	-0.5723	35.86	-10.87	-30.32	No trend	0.7301
APPTF	Spring2	S	STSS	0.00	0.6058	0.0833	23.75	1.33	5.61	No trend	0.0450
APPTF	Spring2	B	BTSS	0.00	0.1856	0.6625	27.50	10.60	38.55	No trend	0.3005
APPTF	Spring2	S	SECCHI	0.00	0.8108	0.0000	0.50	0.00	0.00	No trend	0.9747
APPTF	Spring2	B	BDO	0.00	0.2073	-0.0327	8.80	-0.62	-7.05	No trend	0.7195
APPTF	Spring2	S	SSALIN	0.00	0.0500	0.0000	0.01	0.00	0.00	No trend	0.7668
APPTF	Spring2	B	BSALIN	0.00	0.0479	0.0000	0.01	0.00	0.00	No trend	0.7993
APPTF	Spring2	B	BWTEMP	0.00	0.0496	0.1510	22.25	2.87	12.89	No trend	0.5822
APPTF	Spring2	S	SWTEMP	0.00	0.0329	0.1390	22.45	2.64	11.76	No trend	0.7851
JMSTF	Spring2	S	SCHLA	34.05	0.8481	0.0208	10.50	0.00	0.00	No trend	0.3954
JMSTF	Spring2	S	STSS	11.92	0.1625	0.2143	16.00	3.43	21.43	No trend	0.8053
JMSTF	Spring2	B	BTSS	0.63	0.3192	0.7208	34.00	11.53	33.92	No trend	0.0931
JMSTF	Spring2	S	SECCHI	0.00	0.0002	-0.0125	0.70	-0.24	-33.93	Degrading	0.8969
JMSTF	Spring2	B	BDO	0.00	0.5478	0.0158	7.68	0.30	3.92	No trend	0.1091
JMSTF	Spring2	S	SSALIN	0.00	0.0097	0.0000	0.01	0.00	0.00	Unchanged	0.7760
JMSTF	Spring2	B	BSALIN	0.00	0.0060	0.0000	0.01	0.00	0.00	Unchanged	0.9513
JMSTF	Spring2	B	BWTEMP	0.00	0.0136	0.1550	21.75	2.95	13.54	No trend	0.7500
JMSTF	Spring2	S	SWTEMP	0.00	0.0291	0.1173	22.25	2.23	10.01	No trend	0.9624
CHKOH	Spring2	S	SCHLA	5.19	0.7684	-0.0600	17.38	-0.96	-5.52	No trend	0.1902
CHKOH	Spring2	S	STSS	0.00	0.8085	0.0000	19.50	0.00	0.00	No trend	0.0988
CHKOH	Spring2	B	BTSS	0.00	0.3487	0.7361	30.25	11.78	38.93	No trend	0.3749
CHKOH	Spring2	S	SECCHI	0.00	0.0189	-0.0091	0.55	-0.15	-26.45	No trend	0.2409
CHKOH	Spring2	B	BDO	0.00	0.3768	-0.0333	7.73	-0.53	-6.90	No trend	0.4847
CHKOH	Spring2	S	SSALIN	0.00	0.0013	0.0000	0.01	0.00	0.00	Unchanged	0.8359
CHKOH	Spring2	B	BSALIN	0.00	0.0011	0.0000	0.01	0.00	0.00	Unchanged	0.8023
CHKOH	Spring2	B	BWTEMP	0.00	0.0050	0.1883	18.98	3.01	15.88	Increasing	0.8434
CHKOH	Spring2	S	SWTEMP	0.00	0.0074	0.1832	19.13	2.93	15.32	Increasing	0.8925
JMSOH	Spring2	S	SCHLA	9.68	0.4567	-0.0833	7.58	-1.58	-20.88	No trend	0.6621
JMSOH	Spring2	S	STSS	0.79	0.0305	-1.0357	48.75	-16.57	-33.99	No trend	0.9055
JMSOH	Spring2	B	BTSS	0.79	0.3930	-0.8706	62.50	-13.93	-22.29	No trend	0.8624
JMSOH	Spring2	S	SECCHI	0.00	0.2632	0.0000	0.50	0.00	0.00	No trend	0.6720
JMSOH	Spring2	B	BDO	0.00	0.0537	-0.0357	8.05	-0.68	-8.43	No trend	0.7297
JMSOH	Spring2	S	SSALIN	0.00	0.1509	0.0217	2.72	0.41	15.15	No trend	0.8063
JMSOH	Spring2	B	BSALIN	0.00	0.2206	0.0350	3.12	0.67	21.30	No trend	0.8746
JMSOH	Spring2	B	BWTEMP	0.00	0.0789	0.0962	21.03	1.83	8.69	No trend	0.7565
JMSOH	Spring2	S	SWTEMP	0.00	0.0603	0.0935	21.25	1.78	8.36	No trend	0.9383
JMSMH	Spring2	S	SCHLA	22.58	0.3602	-0.0667	5.51	0.00	0.00	No trend	0.5492
JMSMH	Spring2	S	STSS	0.00	0.4937	-0.1333	22.50	-2.53	-11.26	No trend	0.2344
JMSMH	Spring2	B	BTSS	0.00	0.0530	1.0833	28.50	17.33	60.82	No trend	0.7776
JMSMH	Spring2	S	SECCHI	0.00	0.2299	0.0033	0.65	0.06	9.74	No trend	0.8349
JMSMH	Spring2	B	BDO	0.00	0.0016	-0.0414	7.55	-0.79	-10.41	Degrading	0.8226
JMSMH	Spring2	S	SSALIN	0.00	0.7560	0.0375	14.19	0.71	5.02	No trend	0.6350
JMSMH	Spring2	B	BSALIN	0.00	0.7246	0.0375	17.56	0.71	4.06	No trend	0.8294
JMSMH	Spring2	B	BWTEMP	0.00	0.0322	0.0875	19.98	1.66	8.32	No trend	0.9732
JMSMH	Spring2	S	SWTEMP	0.00	0.0721	0.0818	20.45	1.55	7.60	No trend	0.6757
JMSPH	Spring2	S	SCHLA	7.95	0.4796	-0.0595	9.00	-1.13	-12.56	No trend	0.6748
JMSPH	Spring2	S	STSS	3.47	0.0291	0.2778	9.65	5.28	54.69	No trend	0.2599
JMSPH	Spring2	B	BTSS	0.00	0.0053	0.5500	19.28	10.45	54.22	Degrading	0.1010
JMSPH	Spring2	S	SECCHI	0.00	0.0532	-0.0100	1.20	-0.19	-15.83	No trend	0.8817
JMSPH	Spring2	B	BDO	0.00	0.0447	0.0271	7.65	0.52	6.74	No trend	0.8382
JMSPH	Spring2	S	SSALIN	0.00	0.4308	-0.0750	21.28	-1.42	-6.70	No trend	0.4869
JMSPH	Spring2	B	BSALIN	0.00	0.0019	-0.1817	24.43	-3.45	-14.13	Decreasing	0.3829
JMSPH	Spring2	B	BWTEMP	0.00	0.0237	0.1011	18.45	1.92	10.41	No trend	0.7508
JMSPH	Spring2	S	SWTEMP	0.00	0.5442	0.0167	19.25	0.32	1.65	No trend	0.9770

Appendix B - Section II. - Continued.

Segment	Season	Layer	Parameter	% BDL	P value	Slope	Absolute			Percent		Homogeneity	
							Baseline	Change	Change	Change	Change	Direction	test P value
WBEMH	Spring2	S	STN	0.00	0.1626	-0.0092	0.77	-0.14	-17.95	No trend	0.8762		
WBEMH	Spring2	B	BTN	0.00	0.1504	-0.0099	0.83	-0.15	-17.96	No trend	0.8252		
WBEMH	Spring2	S	SDIN	6.82	0.6994	-0.0005	0.20	-0.01	-3.46	No trend	0.9870		
WBEMH	Spring2	B	BDIN	2.33	0.5236	-0.0014	0.27	-0.02	-7.39	No trend	0.8269		
WBEMH	Spring2	S	STP	0.00	0.0122	-0.0017	0.08	-0.02	-31.22	No trend	0.6795		
WBEMH	Spring2	B	BTP	0.00	0.0213	-0.0017	0.08	-0.03	-31.52	No trend	0.0645		
WBEMH	Spring2	S	SPO4F	15.56	0.0030	-0.0007	0.03			Improving	0.9160		
WBEMH	Spring2	B	BPO4F	13.33	0.0014	-0.0007	0.02	-0.01	-42.86	Improving	0.9974		
WBEMH	Spring2	S	SCHLA	0.00	0.2267	-0.4333	16.15	-6.50	-40.25	No trend	0.2013		
WBEMH	Spring2	S	STSS	0.00	0.5485	0.2381	23.45	3.57	15.23	No trend	0.1466		
WBEMH	Spring2	B	BTSS	0.00	0.5295	0.3571	29.90	5.36	17.92	No trend	0.0412		
WBEMH	Spring2	S	SECCHI	0.00	0.7623	0.0000	0.60	0.00	0.00	No trend	0.5011		
WBEMH	Spring2	B	BDO	0.00	0.0485	0.0667	6.70	1.00	14.93	No trend	0.9828		
WBEMH	Spring2	S	SSALIN	0.00	0.1451	0.1989	15.80	2.98	18.88	No trend	0.9616		
WBEMH	Spring2	B	BSALIN	0.00	0.2529	0.1000	16.10	1.50	9.32	No trend	0.9236		
WBEMH	Spring2	B	BWTEMP	0.00	0.0713	0.1170	19.05	1.76	9.21	No trend	0.9625		
WBEMH	Spring2	S	SWTEMP	0.00	0.0454	0.1040	19.05	1.56	8.19	No trend	0.1881		
SBEMH	Spring2	S	STN	0.00	0.2049	-0.0126	1.43	-0.19	-13.25	No trend	0.5290		
SBEMH	Spring2	B	BTN	0.00	0.7015	0.0025	0.93	0.04	4.02	No trend	0.2390		
SBEMH	Spring2	S	SDIN	0.00	0.2904	-0.0101	0.73	-0.15	-20.92	No trend	0.8521		
SBEMH	Spring2	B	BDIN	0.00	0.4073	0.0041	0.43	0.06	14.22	No trend	0.5021		
SBEMH	Spring2	S	STP	0.00	0.0061	-0.0010	0.07	-0.02	-23.72	Improving	0.5066		
SBEMH	Spring2	B	BTP	0.00	0.0043	-0.0017	0.08	-0.03	-32.22	Improving	0.6277		
SBEMH	Spring2	S	SPO4F	3.33	0.1982	-0.0007	0.04	-0.01	-27.23	No trend	0.9975		
SBEMH	Spring2	B	BPO4F	2.22	0.0321	-0.0009	0.04	-0.01	-32.02	No trend	0.9710		
SBEMH	Spring2	S	SCHLA	1.12	0.2192	-0.2818	3.73	-4.23	-113.46	No trend	0.8194		
SBEMH	Spring2	S	STSS	0.00	0.3173	-0.1500	8.58	-2.25	-26.24	No trend	0.4128		
SBEMH	Spring2	B	BTSS	0.00	0.0079	-0.7171	16.08	-10.76	-66.92	Improving	0.3646		
SBEMH	Spring2	S	SECCHI	0.00	1.0000	0.0000	0.75	0.00	0.00	No trend	0.9073		
SBEMH	Spring2	B	BDO	0.00	0.0191	0.0888	5.20	1.33	25.63	No trend	0.5636		
SBEMH	Spring2	S	SSALIN	0.00	0.0764	0.2000	13.98	3.00	21.47	No trend	0.8216		
SBEMH	Spring2	B	BSALIN	0.00	0.1884	-0.1764	20.10	-2.65	-13.17	No trend	0.4008		
SBEMH	Spring2	B	BWTEMP	0.00	0.0000	0.4475	18.23	6.71	36.83	Increasing	0.8698		
SBEMH	Spring2	S	SWTEMP	0.00	0.0024	0.2400	20.78	3.60	17.33	Increasing	0.3811		
EBEMH	Spring2	S	STN	0.00	0.3625	-0.0072	0.90	-0.11	-11.96	No trend	0.7224		
EBEMH	Spring2	B	BTN	0.00	0.0456	-0.0069	0.76	-0.10	-13.60	No trend	0.8569		
EBEMH	Spring2	S	SDIN	0.00	0.1451	-0.0120	0.56	-0.18	-32.14	No trend	0.9616		
EBEMH	Spring2	B	BDIN	0.00	0.4977	-0.0038	0.34	-0.06	-16.76	No trend	0.8552		
EBEMH	Spring2	S	STP	0.00	0.0519	-0.0008	0.06	-0.01	-20.56	No trend	0.4179		
EBEMH	Spring2	B	BTP	0.00	0.0369	-0.0010	0.07	-0.02	-21.74	No trend	0.7617		
EBEMH	Spring2	S	SPO4F	2.22	0.2185	-0.0006	0.04	-0.01	-22.41	No trend	0.9653		
EBEMH	Spring2	B	BPO4F	2.22	0.1372	-0.0008	0.04	-0.01	-29.63	No trend	0.9236		
EBEMH	Spring2	S	SCHLA	2.27	0.6583	0.1788	5.80	2.68	46.24	No trend	0.9351		
EBEMH	Spring2	S	STSS	0.00	0.4569	-0.1055	8.40	-1.58	-18.83	No trend	0.3916		
EBEMH	Spring2	B	BTSS	0.00	0.2189	-0.3600	16.65	-5.40	-32.43	No trend	0.9373		
EBEMH	Spring2	S	SECCHI	0.00	0.2799	0.0000	0.85	0.00	0.00	No trend	0.3282		
EBEMH	Spring2	B	BDO	0.00	0.0483	0.0615	5.85	0.92	15.78	No trend	0.4696		
EBEMH	Spring2	S	SSALIN	0.00	0.1293	0.1360	16.30	2.04	12.52	No trend	0.9015		
EBEMH	Spring2	B	BSALIN	0.00	0.3758	-0.0640	19.55	-0.96	-4.91	No trend	0.6477		
EBEMH	Spring2	B	BWTEMP	0.00	0.0004	0.2714	18.20	4.07	22.37	Increasing	0.5960		
EBEMH	Spring2	S	SWTEMP	0.00	0.0277	0.1175	19.15	1.76	9.20	No trend	0.3797		
ELIPH	Spring2	S	SCHLA	6.57	0.8649	0.0089	10.48	0.17	1.61	No trend	0.8673		
ELIPH	Spring2	S	STSS	2.86	0.7402	-0.0979	13.60	-1.57	-11.52	No trend	0.3205		
ELIPH	Spring2	B	BTSS	0.00	0.9120	-0.0650	26.30	-1.04	-3.95	No trend	0.5808		
ELIPH	Spring2	S	SECCHI	0.00	0.0222	-0.0111	1.03	-0.21	-20.60	No trend	0.2220		
ELIPH	Spring2	B	BDO	0.00	0.5616	0.0067	6.65	0.13	1.90	No trend	0.5582		
ELIPH	Spring2	S	SSALIN	0.00	0.4435	-0.0895	20.41	-1.70	-8.33	No trend	0.4831		
ELIPH	Spring2	B	BSALIN	0.00	0.2814	-0.0628	22.85	-1.19	-5.22	No trend	0.9425		
ELIPH	Spring2	B	BWTEMP	0.00	0.0894	0.0910	18.73	1.73	9.23	No trend	0.8371		
ELIPH	Spring2	S	SWTEMP	0.00	0.0122	0.0996	20.20	1.89	9.37	No trend	0.5897		

Appendix B - Section II. - Continued.

Segment	Season	Layer	Parameter	% BDL	P value	Slope	Absolute		Percent	Direction	Homogeneity	
							Baseline	Change	Change		test	P value
PMKTF	Spring2	S	SCHLA	78.89	0.0025	0.0000	3.10	0.00	0.00	High BDLs		0.7785
PMKTF	Spring2	S	STSS	0.00	0.0948	0.5000	12.50	8.00	64.00	No trend		0.5553
PMKTF	Spring2	B	BTSS	0.00	0.7820	-0.1056	17.25	-1.69	-9.79	No trend		0.5365
PMKTF	Spring2	S	SECCHI	0.00	0.0390	-0.0107	0.78	-0.20	-26.27	No trend		0.2193
PMKTF	Spring2	B	BDO	0.00	0.0260	0.0375	6.58	0.71	10.84	No trend		0.2612
PMKTF	Spring2	S	SSALIN	0.00	0.0048	0.0000	0.01	0.00	0.00	Unchanged		0.7311
PMKTF	Spring2	B	BSALIN	0.00	0.0048	0.0000	0.01	0.00	0.00	Unchanged		0.7311
PMKTF	Spring2	B	BWTEMP	0.00	0.1758	-0.0800	21.88	-1.52	-6.95	No trend		0.7805
PMKTF	Spring2	S	SWTEMP	0.00	0.1890	-0.0833	22.13	-1.58	-7.16	No trend		0.8048
PMKOH	Spring2	S	SCHLA	29.03	0.9150	0.0000	5.40	0.00	0.00	No trend		0.2139
PMKOH	Spring2	S	STSS	0.00	0.7617	-0.1250	81.50	-2.38	-2.91	No trend		0.5924
PMKOH	Spring2	B	BTSS	0.00	0.8191	1.6250	134.50	24.38	18.12	No trend		0.4071
PMKOH	Spring2	S	SECCHI	0.00	0.4008	0.0000	0.30	0.00	0.00	No trend		0.8773
PMKOH	Spring2	B	BDO	0.00	0.1143	0.0223	6.18	0.42	6.86	No trend		0.4261
PMKOH	Spring2	S	SSALIN	0.00	0.5166	0.0082	4.38	0.16	3.55	No trend		0.8937
PMKOH	Spring2	B	BSALIN	0.00	0.9516	0.0000	4.86	0.00	0.00	No trend		0.9769
PMKOH	Spring2	B	BWTEMP	0.00	0.0412	-0.0857	20.78	-1.63	-7.84	No trend		0.2650
PMKOH	Spring2	S	SWTEMP	0.00	0.0277	-0.0900	20.75	-1.71	-8.24	No trend		0.1994
MPNTF	Spring2	S	SCHLA	72.04	0.0115	-0.0533	3.40	0.00	0.00	High BDLs		0.8194
MPNTF	Spring2	S	STSS	25.00	0.0556	0.2500	7.25	0.00	0.00	No trend		0.8779
MPNTF	Spring2	B	BTSS	15.38	0.8034	0.0000	12.50	0.00	0.00	No trend		0.1730
MPNTF	Spring2	S	SECCHI	0.00	0.0063	-0.0200	1.08	-0.38	-35.35	Degrading		0.6280
MPNTF	Spring2	B	BDO	0.00	0.1743	0.0235	6.83	0.45	6.55	No trend		0.9416
MPNTF	Spring2	S	SSALIN	0.00	0.3074	0.0000	0.01	0.00	0.00	No trend		
MPNTF	Spring2	B	BSALIN	0.00	0.2891	0.0000	0.01	0.00	0.00	No trend		
MPNTF	Spring2	B	BWTEMP	0.00	0.3726	-0.0620	22.38	-1.18	-5.26	No trend		0.8827
MPNTF	Spring2	S	SWTEMP	0.00	0.4695	-0.0378	22.13	-0.72	-3.24	No trend		0.9283
MPNOH	Spring2	S	SCHLA	48.31	0.9464	0.0000	3.63	0.00	0.00	High BDLs		0.5766
MPNOH	Spring2	S	STSS	0.00	0.0476	0.7647	28.50	14.53	50.98	No trend		0.1708
MPNOH	Spring2	B	BTSS	0.00	0.4296	0.6250	44.00	11.88	26.99	No trend		0.1718
MPNOH	Spring2	S	SECCHI	0.00	0.7685	0.0000	0.43	0.00	0.00	No trend		0.3915
MPNOH	Spring2	B	BDO	0.00	0.0412	0.0355	5.90	0.67	11.43	No trend		0.8958
MPNOH	Spring2	S	SSALIN	0.00	0.3339	0.0291	3.25	0.55	17.03	No trend		0.8733
MPNOH	Spring2	B	BSALIN	0.00	0.2450	0.0460	4.23	0.87	20.67	No trend		0.8090
MPNOH	Spring2	B	BWTEMP	0.00	0.1085	-0.0793	20.60	-1.51	-7.31	No trend		0.4163
MPNOH	Spring2	S	SWTEMP	0.00	0.1213	-0.0661	20.83	-1.26	-6.03	No trend		0.3916
YRKMH	Spring2	S	SCHLA	8.94	0.4073	0.1414	9.12	2.69	29.48	No trend		0.3878
YRKMH	Spring2	S	STSS	0.00	0.7969	0.2000	43.00	3.00	6.98	No trend		0.1540
YRKMH	Spring2	B	BTSS	0.00	0.0974	2.6667	73.00	40.00	54.79	No trend		0.8542
YRKMH	Spring2	S	SECCHI	0.00	0.2336	0.0000	0.43	0.00	0.00	No trend		0.1101
YRKMH	Spring2	B	BDO	0.00	0.3215	0.0200	5.95	0.38	6.39	No trend		0.4800
YRKMH	Spring2	S	SSALIN	0.00	0.8242	-0.0136	12.06	-0.26	-2.15	No trend		0.8208
YRKMH	Spring2	B	BSALIN	0.00	0.3632	-0.0640	13.63	-1.22	-8.92	No trend		0.4866
YRKMH	Spring2	B	BWTEMP	0.00	0.0787	-0.0781	20.28	-1.48	-7.32	No trend		0.5927
YRKMH	Spring2	S	SWTEMP	0.00	0.0153	-0.0962	20.48	-1.83	-8.93	No trend		0.5861
YRKPH	Spring2	S	SCHLA	6.70	0.3053	0.0845	8.95	1.61	17.93	No trend		0.5333
YRKPH	Spring2	S	STSS	20.15	0.1101	0.2500	6.00	0.00	0.00	No trend		0.6814
YRKPH	Spring2	B	BTSS	2.42	0.5676	0.4688	31.75	7.03	22.15	No trend		0.8968
YRKPH	Spring2	S	SECCHI	0.00	0.1334	-0.0107	1.33	-0.20	-15.36	No trend		0.0623
YRKPH	Spring2	B	BDO	0.00	0.6420	0.0122	6.88	0.23	3.37	No trend		0.9129
YRKPH	Spring2	S	SSALIN	0.00	0.3736	-0.0611	20.25	-1.16	-5.73	No trend		0.7248
YRKPH	Spring2	B	BSALIN	0.00	0.3738	-0.0430	20.90	-0.82	-3.91	No trend		0.6824
YRKPH	Spring2	B	BWTEMP	0.00	0.0290	-0.1042	18.73	-1.98	-10.57	No trend		0.8823
YRKPH	Spring2	S	SWTEMP	0.00	0.0145	-0.0822	19.03	-1.56	-8.21	No trend		0.8624

Appendix B - Section II. - Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	Absolute Change	Percent Change	Direction	Homogeneity test P value
RPPTF	Spring2	S	SCHLA	27.42	0.1798	0.2359	8.51	0.00	0.00	No trend	0.2969
RPPTF	Spring2	S	STSS	1.99	0.0645	0.3063	24.00	4.90	20.42	No trend	0.5932
RPPTF	Spring2	B	BTSS	2.54	0.0726	0.7417	34.50	11.87	34.40	No trend	0.6420
RPPTF	Spring2	S	SECCHI	0.00	0.6513	0.0000	0.40	0.00	0.00	No trend	0.7845
RPPTF	Spring2	B	BDO	0.00	0.1456	0.0356	8.03	0.68	8.43	No trend	0.8945
RPPTF	Spring2	S	SSALIN	0.00	0.0008	0.0000	0.01	0.00	0.00	Unchanged	0.7168
RPPTF	Spring2	B	BSALIN	0.00	0.0008	0.0000	0.01	0.00	0.00	Unchanged	0.7168
RPPTF	Spring2	B	BWTEMP	0.00	1.0000	0.0000	21.63	0.00	0.00	No trend	0.6407
RPPTF	Spring2	S	SWTEMP	0.00	0.8398	-0.0083	22.50	-0.16	-0.70	No trend	0.5996
RPPMH	Spring2	S	SCHLA	10.58	0.4670	0.0567	8.56	1.08	12.58	No trend	0.6619
RPPMH	Spring2	S	STSS	18.65	0.3023	0.1813	6.75	0.00	0.00	No trend	0.9770
RPPMH	Spring2	B	BTSS	6.34	0.0108	0.7500	7.70	14.25	185.06	No trend	0.7812
RPPMH	Spring2	S	SECCHI	0.00	0.0270	-0.0167	1.30	-0.32	-24.36	No trend	0.3407
RPPMH	Spring2	B	BDO	0.00	0.8397	-0.0030	6.70	-0.06	-0.85	No trend	0.6317
RPPMH	Spring2	S	SSALIN	0.00	0.2254	-0.0833	14.49	-1.58	-10.93	No trend	0.9988
RPPMH	Spring2	B	BSALIN	0.00	0.1824	-0.0913	15.53	-1.74	-11.18	No trend	0.8728
RPPMH	Spring2	B	BWTEMP	0.00	0.0575	-0.0761	17.50	-1.45	-8.26	No trend	0.6378
RPPMH	Spring2	S	SWTEMP	0.00	0.0976	-0.0500	19.63	-0.95	-4.84	No trend	0.7236
RPPOH	Spring2	S	SCHLA	16.30	0.0026	0.4800	4.41	0.00	0.00	Degrading	0.3792
RPPOH	Spring2	S	STSS	1.54	0.0261	-1.2000	44.50	-19.20	-43.15	No trend	0.4661
RPPOH	Spring2	B	BTSS	0.00	0.6104	-0.6667	55.00	-10.67	-19.39	No trend	0.2959
RPPOH	Spring2	S	SECCHI	0.00	0.6122	0.0000	0.38	0.00	0.00	No trend	0.9976
RPPOH	Spring2	B	BDO	0.00	0.3959	0.0227	7.78	0.43	5.54	No trend	0.7560
RPPOH	Spring2	S	SSALIN	0.00	0.5252	0.0000	1.26	0.00	0.00	No trend	0.8624
RPPOH	Spring2	B	BSALIN	0.00	0.6429	0.0000	1.64	0.00	0.00	No trend	0.9101
RPPOH	Spring2	B	BWTEMP	0.00	0.4071	-0.0286	21.25	-0.54	-2.55	No trend	0.4545
RPPOH	Spring2	S	SWTEMP	0.00	0.4423	-0.0338	20.88	-0.64	-3.08	No trend	0.3278
CRRMH	Spring2	S	SCHLA	10.75	0.8984	-0.0181	12.62	-0.34	-2.72	No trend	0.9464
CRRMH	Spring2	S	STSS	42.11	0.2586	-0.1111	6.50	0.00	0.00	High BDLs	0.9606
CRRMH	Spring2	B	BTSS	24.62	0.9143	0.0000	8.00	0.00	0.00	No trend	0.8610
CRRMH	Spring2	S	SECCHI	0.00	0.0023	-0.0200	1.85	-0.38	-20.54	Degrading	0.7392
CRRMH	Spring2	B	BDO	0.00	0.1847	-0.0638	7.23	-1.21	-16.79	No trend	0.9836
CRRMH	Spring2	S	SSALIN	0.00	0.2495	-0.1063	15.62	-2.02	-12.93	No trend	0.8718
CRRMH	Spring2	B	BSALIN	0.00	0.2057	-0.0833	15.82	-1.58	-10.01	No trend	0.8203
CRRMH	Spring2	B	BWTEMP	0.00	0.0025	-0.1100	20.20	-2.09	-10.35	Decreasing	0.5155
CRRMH	Spring2	S	SWTEMP	0.00	0.2844	-0.0375	20.95	-0.71	-3.40	No trend	0.3606

Appendix B - Section II. - Continued.

Segment	Season	Laver	Parameter	% BDL	P value	Slope	Baseline	Absolute Change	Percent Change	Direction	Homogeneity test P value
APPTF	Summer1	S	SCHLA	3.15	0.0715	-0.9196	47.23	-17.47	-37.00	No trend	0.9753
APPTF	Summer1	S	STSS	0.00	1.0000	0.0000	24.50	0.00	0.00	No trend	0.9461
APPTF	Summer1	B	BTSS	0.00	0.6894	-0.1786	32.25	-2.86	-8.86	No trend	0.4796
APPTF	Summer1	S	SECCHI	0.00	0.0566	0.0000	0.50	0.00	0.00	No trend	0.6411
APPTF	Summer1	B	BDO	0.00	0.0414	0.0441	8.20	0.84	10.22	No trend	0.4691
APPTF	Summer1	S	SSALIN	0.00	0.0812	0.0000	0.01	0.00	0.00	No trend	0.4018
APPTF	Summer1	B	BSALIN	0.00	0.0558	0.0000	0.01	0.00	0.00	No trend	0.3795
APPTF	Summer1	B	BWTEMP	0.00	0.1250	0.0869	25.13	1.65	6.57	No trend	0.3866
APPTF	Summer1	S	SWTEMP	0.00	0.0563	0.0973	25.63	1.85	7.22	No trend	0.4206
JMSTF	Summer1	S	SCHLA	27.49	0.8474	0.0151	13.87	0.00	0.00	No trend	0.8001
JMSTF	Summer1	S	STSS	13.79	0.2977	0.0833	15.50	1.33	8.60	No trend	0.9579
JMSTF	Summer1	B	BTSS	0.70	0.1227	1.0000	32.50	16.00	49.23	No trend	0.1015
JMSTF	Summer1	S	SECCHI	0.00	0.0001	-0.0087	0.70	-0.17	-23.65	Degrading	0.2344
JMSTF	Summer1	B	BDO	0.00	0.0020	0.0409	6.35	0.78	12.25	Improving	0.7103
JMSTF	Summer1	S	SSALIN	0.00	0.0004	0.0000	0.01	0.00	0.00	Unchanged	0.8332
JMSTF	Summer1	B	BSALIN	0.00	0.0663	0.0000	0.01	0.00	0.00	No trend	0.6401
JMSTF	Summer1	B	BWTEMP	0.00	0.4948	0.0250	25.25	0.47	1.88	No trend	0.5623
JMSTF	Summer1	S	SWTEMP	0.00	0.2142	0.0360	25.75	0.68	2.65	No trend	0.2821
CHKOH	Summer1	S	SCHLA	0.97	0.0014	-0.6648	29.45	-10.64	-36.12	Improving	0.3502
CHKOH	Summer1	S	STSS	0.00	0.1943	0.2500	18.50	4.00	21.62	No trend	0.0206
CHKOH	Summer1	B	BTSS	0.00	0.0289	1.8571	35.25	29.71	84.30	No trend	0.3013
CHKOH	Summer1	S	SECCHI	0.00	0.0008	-0.0083	0.55	-0.13	-24.24	Degrading	0.1703
CHKOH	Summer1	B	BDO	0.00	0.2786	0.0250	5.75	0.40	6.96	No trend	0.8317
CHKOH	Summer1	S	SSALIN	0.00	0.0015	0.0000	0.01	0.00	0.00	Unchanged	0.5934
CHKOH	Summer1	B	BSALIN	0.00	0.0013	0.0000	0.01	0.00	0.00	Unchanged	0.5877
CHKOH	Summer1	B	BWTEMP	0.00	0.3448	0.0429	26.60	0.69	2.58	No trend	0.2972
CHKOH	Summer1	S	SWTEMP	0.00	0.4336	0.0500	26.75	0.80	2.99	No trend	0.2514
JMSOH	Summer1	S	SCHLA	4.42	0.5997	-0.0389	8.07	-0.74	-9.15	No trend	0.7793
JMSOH	Summer1	S	STSS	1.18	0.4471	-0.2308	26.00	-3.69	-14.20	No trend	0.1158
JMSOH	Summer1	B	BTSS	0.00	1.0000	0.0000	55.75	0.00	0.00	No trend	0.8104
JMSOH	Summer1	S	SECCHI	0.00	0.6634	0.0000	0.68	0.00	0.00	No trend	0.6529
JMSOH	Summer1	B	BDO	0.00	0.3814	-0.0090	6.88	-0.17	-2.50	No trend	0.8852
JMSOH	Summer1	S	SSALIN	0.00	0.9303	0.0051	6.21	0.10	1.56	No trend	0.9619
JMSOH	Summer1	B	BSALIN	0.00	0.7395	0.0197	6.88	0.37	5.44	No trend	0.9034
JMSOH	Summer1	B	BWTEMP	0.00	0.9581	-0.0007	25.70	-0.01	-0.05	No trend	0.6755
JMSOH	Summer1	S	SWTEMP	0.00	0.8473	0.0079	25.85	0.15	0.58	No trend	0.4902
JMSMH	Summer1	S	SCHLA	21.12	0.0969	0.0862	4.67	0.00	0.00	No trend	0.0641
JMSMH	Summer1	S	STSS	4.44	0.5375	-0.0769	12.00	-1.46	-12.18	No trend	0.5858
JMSMH	Summer1	B	BTSS	1.18	0.0109	1.0774	20.75	17.24	83.08	No trend	0.1843
JMSMH	Summer1	S	SECCHI	0.00	0.3593	-0.0042	1.10	-0.08	-7.20	No trend	0.6067
JMSMH	Summer1	B	BDO	0.00	0.8865	0.0000	6.20	0.00	0.00	No trend	0.0835
JMSMH	Summer1	S	SSALIN	0.00	0.7396	-0.0344	17.31	-0.65	-3.78	No trend	0.8437
JMSMH	Summer1	B	BSALIN	0.00	0.5288	-0.0282	19.60	-0.54	-2.73	No trend	0.4790
JMSMH	Summer1	B	BWTEMP	0.00	1.0000	0.0000	24.73	0.00	0.00	No trend	0.6077
JMSMH	Summer1	S	SWTEMP	0.00	0.8336	-0.0027	25.13	-0.05	-0.20	No trend	0.4618
JMSPH	Summer1	S	SCHLA	10.94	0.0000	0.2521	3.96	4.79	120.89	Degrading	0.2093
JMSPH	Summer1	S	STSS	3.27	0.1000	0.1419	9.78	2.70	27.58	No trend	0.6267
JMSPH	Summer1	B	BTSS	0.93	0.9164	0.0104	18.45	0.20	1.07	No trend	0.3436
JMSPH	Summer1	S	SECCHI	0.00	0.0000	-0.0200	1.25	-0.38	-30.40	Degrading	0.7298
JMSPH	Summer1	B	BDO	0.00	0.0000	0.0500	5.95	0.95	15.97	Improving	0.8327
JMSPH	Summer1	S	SSALIN	0.00	0.0173	-0.1434	23.61	-2.72	-11.54	No trend	0.9754
JMSPH	Summer1	B	BSALIN	0.00	0.0002	-0.1992	25.21	-3.78	-15.01	Decreasing	0.5147
JMSPH	Summer1	B	BWTEMP	0.00	0.0091	0.0745	22.93	1.42	6.17	Increasing	0.6490
JMSPH	Summer1	S	SWTEMP	0.00	0.4409	-0.0078	25.38	-0.15	-0.59	No trend	0.5882

Appendix B - Section II. - Continued.

Segment	Season	Layer	Parameter	% BDL	P value	Slope	Absolute		Percent	Direction	Homogeneity	
							Baseline	Change	Change		test	P value
WBEMH	Summer1	S	STN	0.00	0.0294	-0.0085	0.85	-0.13	-15.01	No trend		0.8791
WBEMH	Summer1	B	BTN	0.00	0.1100	-0.0094	0.90	-0.14	-15.68	No trend		0.4651
WBEMH	Summer1	S	SDIN	5.08	0.7214	-0.0004	0.23	-0.01	-2.66	No trend		0.9536
WBEMH	Summer1	B	BDIN	0.00	0.7854	-0.0009	0.25	-0.01	-5.08	No trend		0.6399
WBEMH	Summer1	S	STP	0.00	0.0001	-0.0040	0.14	-0.06	-43.01	Improving		0.8887
WBEMH	Summer1	B	BTP	0.00	0.0004	-0.0037	0.16	-0.06	-34.82	Improving		0.3211
WBEMH	Summer1	S	SPO4F	1.72	0.0006	-0.0019	0.07	-0.03	-42.25	Improving		0.9272
WBEMH	Summer1	B	BPO4F	1.69	0.0021	-0.0018	0.07	-0.03	-37.76	Improving		0.8089
WBEMH	Summer1	S	SCHLA	0.00	0.0123	-0.6158	25.60	-9.24	-36.08	No trend		0.7580
WBEMH	Summer1	S	STSS	0.00	0.1302	-0.4179	31.50	-6.27	-19.90	No trend		0.5043
WBEMH	Summer1	B	BTSS	0.00	0.0946	-1.1679	41.25	-17.52	-42.47	No trend		0.9196
WBEMH	Summer1	S	SECCHI	0.00	0.0051	0.0100	0.45	0.15	33.33	Improving		0.6843
WBEMH	Summer1	B	BDO	0.00	0.0243	0.1057	4.40	1.59	36.04	No trend		0.8857
WBEMH	Summer1	S	SSALIN	0.00	0.1875	0.1365	17.50	2.05	11.70	No trend		0.9337
WBEMH	Summer1	B	BSALIN	0.00	0.1703	0.1227	17.55	1.84	10.49	No trend		0.9877
WBEMH	Summer1	B	BWTEMP	0.00	0.7754	-0.0100	26.70	-0.15	-0.56	No trend		0.3205
WBEMH	Summer1	S	SWTEMP	0.00	0.4173	0.0329	26.85	0.49	1.84	No trend		0.0215
SBEMH	Summer1	S	STN	0.00	0.1714	-0.0091	1.29	-0.14	-10.57	No trend		0.2159
SBEMH	Summer1	B	BTN	0.00	0.1594	-0.0048	1.15	-0.07	-6.22	No trend		0.9721
SBEMH	Summer1	S	SDIN	0.00	0.1250	-0.0113	0.71	-0.17	-23.77	No trend		0.9064
SBEMH	Summer1	B	BDIN	0.00	0.4579	-0.0047	0.66	-0.07	-10.63	No trend		0.7477
SBEMH	Summer1	S	STP	0.00	0.1963	-0.0009	0.11	-0.01	-12.39	No trend		0.9915
SBEMH	Summer1	B	BTP	0.00	0.0030	-0.0021	0.14	-0.03	-23.46	Improving		0.9190
SBEMH	Summer1	S	SPO4F	0.00	0.0830	-0.0012	0.08	-0.02	-24.73	No trend		0.9918
SBEMH	Summer1	B	BPO4F	0.00	0.0164	-0.0019	0.09	-0.03	-30.81	No trend		0.9974
SBEMH	Summer1	S	SCHLA	0.00	0.1815	-0.3263	9.03	-4.89	-54.23	No trend		0.8931
SBEMH	Summer1	S	STSS	0.00	0.1963	-0.1557	8.88	-2.34	-26.31	No trend		0.8786
SBEMH	Summer1	B	BTSS	0.00	0.0131	-0.6102	14.90	-9.15	-61.43	No trend		0.5810
SBEMH	Summer1	S	SECCHI	0.00	0.0431	0.0136	0.75	0.20	27.27	No trend		0.3235
SBEMH	Summer1	B	BDO	0.00	0.0227	0.0909	2.65	1.36	51.46	No trend		0.8735
SBEMH	Summer1	S	SSALIN	0.00	0.0760	0.1676	17.58	2.51	14.31	No trend		0.8439
SBEMH	Summer1	B	BSALIN	0.00	0.8563	0.0067	18.45	0.10	0.54	No trend		0.8233
SBEMH	Summer1	B	BWTEMP	0.00	0.0227	0.1500	25.50	2.25	8.82	No trend		0.2191
SBEMH	Summer1	S	SWTEMP	0.00	0.1349	0.0746	28.13	1.12	3.98	No trend		0.0331
EBEMH	Summer1	S	STN	0.00	0.5305	-0.0040	1.11	-0.06	-5.42	No trend		0.8677
EBEMH	Summer1	B	BTN	0.00	0.0997	-0.0075	1.08	-0.11	-10.41	No trend		0.7241
EBEMH	Summer1	S	SDIN	0.00	0.3358	-0.0057	0.52	-0.09	-16.35	No trend		0.8236
EBEMH	Summer1	B	BDIN	0.00	0.0482	-0.0094	0.57	-0.14	-24.84	No trend		0.9971
EBEMH	Summer1	S	STP	0.00	0.2539	-0.0010	0.11	-0.02	-13.63	No trend		0.9414
EBEMH	Summer1	B	BTP	0.00	0.0046	-0.0018	0.12	-0.03	-21.79	Improving		0.3104
EBEMH	Summer1	S	SPO4F	0.00	0.3256	-0.0008	0.08	-0.01	-15.19	No trend		0.9545
EBEMH	Summer1	B	BPO4F	0.00	0.0700	-0.0015	0.09	-0.02	-25.58	No trend		0.8032
EBEMH	Summer1	S	SCHLA	3.39	0.9596	-0.0200	4.30	-0.30	-6.98	No trend		0.6651
EBEMH	Summer1	S	STSS	0.00	0.0375	-0.2554	13.35	-3.83	-28.69	No trend		0.4453
EBEMH	Summer1	B	BTSS	0.00	0.3915	-0.1784	12.95	-2.68	-20.67	No trend		0.6984
EBEMH	Summer1	S	SECCHI	0.00	0.0070	0.0143	0.85	0.21	25.21	Improving		0.7188
EBEMH	Summer1	B	BDO	0.00	0.0420	0.0760	3.25	1.14	35.08	No trend		0.6601
EBEMH	Summer1	S	SSALIN	0.00	0.0553	0.1263	18.20	1.89	10.41	No trend		0.5486
EBEMH	Summer1	B	BSALIN	0.00	0.5094	0.0429	18.65	0.64	3.45	No trend		0.8530
EBEMH	Summer1	B	BWTEMP	0.00	0.3841	0.0500	25.85	0.75	2.90	No trend		0.1613
EBEMH	Summer1	S	SWTEMP	0.00	0.6044	0.0300	26.55	0.45	1.69	No trend		0.0340
ELIPH	Summer1	S	SCHLA	7.49	0.0864	0.1531	8.63	2.91	33.70	No trend		0.8178
ELIPH	Summer1	S	STSS	2.00	0.0290	-0.3117	15.95	-4.99	-31.26	No trend		0.3790
ELIPH	Summer1	B	BTSS	0.00	0.2799	-0.3513	19.25	-5.62	-29.20	No trend		0.3673
ELIPH	Summer1	S	SECCHI	0.00	0.0038	-0.0100	1.10	-0.19	-17.27	Degrading		0.3419
ELIPH	Summer1	B	BDO	0.00	0.2408	0.0244	5.25	0.46	8.85	No trend		0.3553
ELIPH	Summer1	S	SSALIN	0.00	0.0143	-0.1681	23.39	-3.19	-13.66	No trend		0.9783
ELIPH	Summer1	B	BSALIN	0.00	0.0287	-0.1221	25.38	-2.32	-9.14	No trend		0.4044
ELIPH	Summer1	B	BWTEMP	0.00	0.7132	0.0181	23.78	0.34	1.45	No trend		0.3373
ELIPH	Summer1	S	SWTEMP	0.00	1.0000	0.0000	24.83	0.00	0.00	No trend		0.2340

Appendix B - Section II. - Continued.

Segment	Season	Layer	Parameter	% BDL	P value	Slope	Absolute		Percent	Direction	Homogeneity	
							Baseline	Change	Change		test	P value
PMKTF	Summer1	S	SCHLA	29.66	0.0571	-0.1375	7.19	0.00	0.00	No trend		0.2163
PMKTF	Summer1	S	STSS	3.26	0.2166	0.3000	11.50	4.80	41.74	No trend		0.7803
PMKTF	Summer1	B	BTSS	3.45	0.0906	-0.6786	18.00	-10.86	-60.32	No trend		0.5197
PMKTF	Summer1	S	SECCHI	0.00	0.7920	0.0000	0.63	0.00	0.00	No trend		0.6471
PMKTF	Summer1	B	BDO	0.00	0.0434	0.0300	5.35	0.57	10.65	No trend		0.5213
PMKTF	Summer1	S	SSALIN	0.00	0.0008	0.0000	0.01	0.00	0.00	Unchanged		0.7168
PMKTF	Summer1	B	BSALIN	0.00	0.0008	0.0000	0.01	0.00	0.00	Unchanged		0.7168
PMKTF	Summer1	B	BWTEMP	0.00	0.0787	0.0775	26.00	1.47	5.66	No trend		0.0224
PMKTF	Summer1	S	SWTEMP	0.00	0.0239	0.0771	25.50	1.47	5.75	No trend		0.0326
PMKOH	Summer1	S	SCHLA	7.44	0.4981	0.0875	9.46	1.66	17.58	No trend		0.6960
PMKOH	Summer1	S	STSS	1.08	0.1840	-0.7500	33.00	-14.25	-43.18	No trend		0.8113
PMKOH	Summer1	B	BTSS	0.00	0.0486	-4.0833	182.75	-65.33	-35.75	No trend		0.7104
PMKOH	Summer1	S	SECCHI	0.00	0.0700	0.0033	0.45	0.06	14.07	No trend		0.8424
PMKOH	Summer1	B	BDO	0.00	0.3839	0.0167	4.78	0.32	6.63	No trend		0.8263
PMKOH	Summer1	S	SSALIN	0.00	0.6839	0.0300	5.61	0.57	10.16	No trend		0.7562
PMKOH	Summer1	B	BSALIN	0.00	0.7712	0.0306	6.74	0.58	8.61	No trend		0.7047
PMKOH	Summer1	B	BWTEMP	0.00	0.5092	0.0132	25.90	0.25	0.97	No trend		0.0759
PMKOH	Summer1	S	SWTEMP	0.00	0.8135	0.0056	26.03	0.11	0.41	No trend		0.0938
MPNTF	Summer1	S	SCHLA	34.45	0.0764	-0.0969	7.25	0.00	0.00	No trend		0.9678
MPNTF	Summer1	S	STSS	38.37	0.3554	0.0714	5.00	0.00	0.00	High BDLs		0.3939
MPNTF	Summer1	B	BTSS	25.00	0.6977	0.0000	8.75	0.00	0.00	No trend		0.1519
MPNTF	Summer1	S	SECCHI	0.00	0.0640	-0.0143	1.00	-0.27	-27.14	No trend		0.0581
MPNTF	Summer1	B	BDO	0.00	0.5772	0.0066	5.85	0.12	2.13	No trend		0.7100
MPNTF	Summer1	S	SSALIN	0.00	0.1047	0.0000	0.01	0.00	0.00	No trend		0.9885
MPNTF	Summer1	B	BSALIN	0.00	0.1052	0.0000	0.01	0.00	0.00	No trend		0.9762
MPNTF	Summer1	B	BWTEMP	0.00	0.0260	0.1197	26.50	2.27	8.58	No trend		0.0636
MPNTF	Summer1	S	SWTEMP	0.00	0.0036	0.1529	25.63	2.90	11.33	Increasing		0.0441
MPNOH	Summer1	S	SCHLA	9.40	0.7623	0.0528	9.65	1.00	10.40	No trend		0.6230
MPNOH	Summer1	S	STSS	1.05	0.1105	0.3846	17.50	7.31	41.76	No trend		0.6375
MPNOH	Summer1	B	BTSS	0.00	0.0597	1.7500	40.00	28.00	70.00	No trend		0.2666
MPNOH	Summer1	S	SECCHI	0.00	0.1383	0.0000	0.58	0.00	0.00	No trend		0.8698
MPNOH	Summer1	B	BDO	0.00	0.0880	0.0250	4.98	0.48	9.55	No trend		0.8697
MPNOH	Summer1	S	SSALIN	0.00	0.1454	0.1033	7.29	1.96	26.93	No trend		0.1969
MPNOH	Summer1	B	BSALIN	0.00	0.2173	0.1174	7.80	2.23	28.61	No trend		0.3520
MPNOH	Summer1	B	BWTEMP	0.00	0.4055	0.0279	25.95	0.53	2.04	No trend		0.1010
MPNOH	Summer1	S	SWTEMP	0.00	0.1856	0.0346	26.25	0.66	2.51	No trend		0.0565
YRKMH	Summer1	S	SCHLA	3.64	0.8030	-0.0186	9.81	-0.35	-3.61	No trend		0.7685
YRKMH	Summer1	S	STSS	0.00	0.1141	-0.3229	23.75	-5.17	-21.75	No trend		0.5823
YRKMH	Summer1	B	BTSS	0.61	0.5401	0.5000	42.25	8.00	18.93	No trend		0.6455
YRKMH	Summer1	S	SECCHI	0.00	0.4682	0.0000	0.58	0.00	0.00	No trend		0.4204
YRKMH	Summer1	B	BDO	0.00	0.2157	0.0185	5.18	0.35	6.78	No trend		0.5105
YRKMH	Summer1	S	SSALIN	0.00	0.1297	-0.1264	15.34	-2.40	-15.66	No trend		0.6768
YRKMH	Summer1	B	BSALIN	0.00	0.0588	-0.1136	16.80	-2.16	-12.85	No trend		0.9809
YRKMH	Summer1	B	BWTEMP	0.00	0.7481	0.0060	25.53	0.11	0.45	No trend		0.0203
YRKMH	Summer1	S	SWTEMP	0.00	0.6687	0.0104	25.85	0.20	0.77	No trend		0.0451
YRKPH	Summer1	S	SCHLA	5.79	0.0079	0.1633	7.88	3.10	39.41	Degrading		0.8739
YRKPH	Summer1	S	STSS	12.64	0.5414	-0.0833	6.00	-1.58	-26.39	No trend		0.9069
YRKPH	Summer1	B	BTSS	3.47	0.8473	0.1091	21.50	1.75	8.12	No trend		0.9549
YRKPH	Summer1	S	SECCHI	0.00	0.5168	0.0000	1.18	0.00	0.00	No trend		0.4425
YRKPH	Summer1	B	BDO	0.00	0.3826	-0.0300	4.75	-0.57	-12.00	No trend		0.6107
YRKPH	Summer1	S	SSALIN	0.00	0.0085	-0.1846	22.73	-3.51	-15.44	Decreasing		0.9037
YRKPH	Summer1	B	BSALIN	0.00	0.0663	-0.0925	23.87	-1.76	-7.36	No trend		0.9629
YRKPH	Summer1	B	BWTEMP	0.00	0.1295	-0.0425	24.48	-0.81	-3.30	No trend		0.4117
YRKPH	Summer1	S	SWTEMP	0.00	0.4141	-0.0238	24.98	-0.45	-1.81	No trend		0.2653

Appendix B - Section II. - Continued.

Segment	Season	Layer	Parameter	% BDL	P value	Slope	Baseline	Absolute Change	Percent Change	Direction	Homogeneity test P value
RPPTF	Summer1	S	SCHLA	8.77	0.7004	-0.1449	26.66	-2.75	-10.33	No trend	0.7581
RPPTF	Summer1	S	STSS	1.09	0.9820	0.0000	24.75	0.00	0.00	No trend	0.4340
RPPTF	Summer1	B	BTSS	1.85	0.8043	-0.1451	33.75	-2.32	-6.88	No trend	0.5233
RPPTF	Summer1	S	SECCHI	0.00	0.5744	0.0000	0.40	0.00	0.00	No trend	0.5668
RPPTF	Summer1	B	BDO	0.00	0.7753	-0.0053	7.38	-0.10	-1.35	No trend	0.8084
RPPTF	Summer1	S	SSALIN	0.00	0.0001	0.0000	0.01	0.00	0.00	Unchanged	0.8780
RPPTF	Summer1	B	BSALIN	0.00	0.0001	0.0000	0.01	0.00	0.00	Unchanged	0.6280
RPPTF	Summer1	B	BWTEMP	0.00	0.5752	0.0219	25.75	0.42	1.61	No trend	0.2242
RPPTF	Summer1	S	SWTEMP	0.00	0.6242	0.0183	26.13	0.35	1.33	No trend	0.2406
RPPMH	Summer1	S	SCHLA	4.78	0.0041	0.1706	7.72	3.24	42.02	Degrading	0.6514
RPPMH	Summer1	S	STSS	19.58	0.1366	-0.1419	6.75	0.00	0.00	No trend	0.1018
RPPMH	Summer1	B	BTSS	8.68	0.9860	0.0000	12.75	0.00	0.00	No trend	0.0227
RPPMH	Summer1	S	SECCHI	0.00	0.8049	0.0000	1.15	0.00	0.00	No trend	0.0717
RPPMH	Summer1	B	BDO	0.00	0.1668	-0.0309	5.38	-0.59	-10.94	No trend	0.3361
RPPMH	Summer1	S	SSALIN	0.00	0.0158	-0.1621	17.23	-3.08	-17.87	No trend	0.8894
RPPMH	Summer1	B	BSALIN	0.00	0.2015	-0.0672	17.82	-1.28	-7.17	No trend	0.8315
RPPMH	Summer1	B	BWTEMP	0.00	0.0273	-0.0487	25.13	-0.93	-3.69	No trend	0.4636
RPPMH	Summer1	S	SWTEMP	0.00	0.1892	-0.0354	25.15	-0.67	-2.67	No trend	0.3469
RPPOH	Summer1	S	SCHLA	5.69	0.0000	0.5595	9.57	10.63	111.05	Degrading	0.9909
RPPOH	Summer1	S	STSS	1.20	0.5039	-0.1429	24.50	-2.29	-9.33	No trend	0.6126
RPPOH	Summer1	B	BTSS	1.19	0.6119	0.2500	34.50	4.00	11.59	No trend	0.2376
RPPOH	Summer1	S	SECCHI	0.00	0.0146	-0.0050	0.63	-0.10	-15.20	No trend	0.2759
RPPOH	Summer1	B	BDO	0.00	0.0078	0.0500	6.25	0.95	15.20	Improving	0.8378
RPPOH	Summer1	S	SSALIN	0.00	0.1697	-0.0353	4.65	-0.67	-14.44	No trend	0.8952
RPPOH	Summer1	B	BSALIN	0.00	0.3076	-0.0334	4.79	-0.63	-13.23	No trend	0.6339
RPPOH	Summer1	B	BWTEMP	0.00	0.7925	0.0056	26.10	0.11	0.41	No trend	0.1470
RPPOH	Summer1	S	SWTEMP	0.00	0.5631	0.0250	26.18	0.48	1.81	No trend	0.0992
CRRMH	Summer1	S	SCHLA	7.09	0.6617	-0.0183	11.24	-0.35	-3.10	No trend	0.9303
CRRMH	Summer1	S	STSS	53.92	0.0014	-0.1786	7.50	0.00	0.00	High BDLs	0.5571
CRRMH	Summer1	B	BTSS	27.78	0.0126	-0.3846	13.38	0.00	0.00	No trend	0.6078
CRRMH	Summer1	S	SECCHI	0.00	0.0624	-0.0074	1.48	-0.14	-9.55	No trend	0.4337
CRRMH	Summer1	B	BDO	0.00	0.0101	-0.0967	4.95	-1.84	-37.10	No trend	0.9150
CRRMH	Summer1	S	SSALIN	0.00	0.0023	-0.2000	18.17	-3.80	-20.92	Decreasing	0.9160
CRRMH	Summer1	B	BSALIN	0.00	0.0587	-0.1094	18.38	-2.08	-11.31	No trend	0.9747
CRRMH	Summer1	B	BWTEMP	0.00	0.0106	-0.0736	25.50	-1.40	-5.48	No trend	0.0561
CRRMH	Summer1	S	SWTEMP	0.00	0.5287	-0.0167	25.75	-0.32	-1.23	No trend	0.1871

Appendix B - Section II. - Continued.

Segment	Season	Layer	Parameter	% BDL	P value	Slope	Absolute		Percent	Direction	Homogeneity	
							Baseline	Change	Change		test	P value
APPTF	Summer2	S	SCHLA	4.26	0.1695	-0.9243	47.23	-17.56	-37.18	No trend		0.9634
APPTF	Summer2	S	STSS	0.00	0.8718	0.0000	24.50	0.00	0.00	No trend		0.8721
APPTF	Summer2	B	BTSS	0.00	0.7617	-0.1429	32.25	-2.29	-7.09	No trend		0.2900
APPTF	Summer2	S	SECCHI	0.00	0.0321	-0.0042	0.50	-0.08	-15.83	No trend		0.7807
APPTF	Summer2	B	BDO	0.00	0.0129	0.0586	6.70	1.11	16.62	No trend		0.8122
APPTF	Summer2	S	SSALIN	0.00	0.1695	0.0000	0.01	0.00	0.00	No trend		0.2443
APPTF	Summer2	B	BSALIN	0.00	0.1284	0.0000	0.01	0.00	0.00	No trend		0.2289
APPTF	Summer2	B	BWTEMP	0.00	0.1776	0.0781	25.13	1.48	5.91	No trend		0.2195
APPTF	Summer2	S	SWTEMP	0.00	0.1060	0.0812	25.63	1.54	6.02	No trend		0.2456
JMSTF	Summer2	S	SCHLA	27.22	0.7773	-0.0940	15.29	0.00	0.00	No trend		0.9064
JMSTF	Summer2	S	STSS	15.08	0.4670	0.0714	15.00	0.00	0.00	No trend		0.9081
JMSTF	Summer2	B	BTSS	0.64	0.0244	1.6000	30.25	25.60	84.63	No trend		0.2112
JMSTF	Summer2	S	SECCHI	0.00	0.0011	-0.0087	0.70	-0.17	-23.65	Degrading		0.1186
JMSTF	Summer2	B	BDO	0.00	0.0169	0.0333	6.35	0.63	9.97	No trend		0.5884
JMSTF	Summer2	S	SSALIN	0.00	0.0020	0.0000	0.01	0.00	0.00	Unchanged		0.6480
JMSTF	Summer2	B	BSALIN	0.00	0.2267	0.0000	0.01	0.00	0.00	No trend		0.6629
JMSTF	Summer2	B	BWTEMP	0.00	0.8084	0.0100	25.25	0.19	0.75	No trend		0.4579
JMSTF	Summer2	S	SWTEMP	0.00	0.4670	0.0200	25.75	0.38	1.48	No trend		0.1892
CHKOH	Summer2	S	SCHLA	0.00	0.0059	-0.7085	29.45	-11.34	-38.49	Improving		0.1939
CHKOH	Summer2	S	STSS	0.00	0.0102	0.6250	17.25	10.00	57.97	No trend		0.4030
CHKOH	Summer2	B	BTSS	0.00	0.0046	2.4286	36.25	38.86	107.19	Degrading		0.8687
CHKOH	Summer2	S	SECCHI	0.00	0.0001	-0.0125	0.65	-0.20	-30.77	Degrading		0.5723
CHKOH	Summer2	B	BDO	0.00	0.3207	0.0214	5.75	0.34	5.96	No trend		0.6484
CHKOH	Summer2	S	SSALIN	0.00	0.0161	0.0180	0.01	0.29		No trend		0.5136
CHKOH	Summer2	B	BSALIN	0.00	0.0162	0.0138	0.01	0.22		No trend		0.5288
CHKOH	Summer2	B	BWTEMP	0.00	0.7273	0.0125	26.78	0.20	0.75	No trend		0.2457
CHKOH	Summer2	S	SWTEMP	0.00	0.8512	0.0120	26.93	0.19	0.71	No trend		0.2086
JMSOH	Summer2	S	SCHLA	3.78	0.4548	-0.0670	8.07	-1.27	-15.77	No trend		0.6882
JMSOH	Summer2	S	STSS	1.61	1.0000	0.0000	26.00	0.00	0.00	No trend		0.1260
JMSOH	Summer2	B	BTSS	0.00	0.9585	0.0227	57.25	0.36	0.64	No trend		0.6214
JMSOH	Summer2	S	SECCHI	0.00	0.4350	0.0000	0.70	0.00	0.00	No trend		0.6400
JMSOH	Summer2	B	BDO	0.00	0.5569	-0.0056	6.98	-0.11	-1.51	No trend		0.7724
JMSOH	Summer2	S	SSALIN	0.00	0.8876	-0.0183	6.41	-0.35	-5.43	No trend		0.9507
JMSOH	Summer2	B	BSALIN	0.00	0.9356	0.0062	7.10	0.12	1.67	No trend		0.8197
JMSOH	Summer2	B	BWTEMP	0.00	0.5443	-0.0200	25.90	-0.38	-1.47	No trend		0.8728
JMSOH	Summer2	S	SWTEMP	0.00	0.6566	-0.0180	26.05	-0.34	-1.31	No trend		0.6298
JMSMH	Summer2	S	SCHLA	22.99	0.0813	0.1083	4.28	0.00	0.00	No trend		0.0324
JMSMH	Summer2	S	STSS	6.06	0.8717	0.0000	12.00	0.00	0.00	No trend		0.8647
JMSMH	Summer2	B	BTSS	1.61	0.0099	1.3182	20.25	21.09	104.15	Degrading		0.1174
JMSMH	Summer2	S	SECCHI	0.00	0.2149	-0.0063	1.10	-0.12	-10.80	No trend		0.6279
JMSMH	Summer2	B	BDO	0.00	0.3219	0.0127	6.00	0.24	4.03	No trend		0.5944
JMSMH	Summer2	S	SSALIN	0.00	0.7773	-0.0313	18.36	-0.59	-3.23	No trend		0.6624
JMSMH	Summer2	B	BSALIN	0.00	0.2843	-0.0444	20.42	-0.84	-4.14	No trend		0.5026
JMSMH	Summer2	B	BWTEMP	0.00	0.5441	-0.0200	25.55	-0.38	-1.49	No trend		0.8342
JMSMH	Summer2	S	SWTEMP	0.00	0.3523	-0.0259	25.90	-0.49	-1.90	No trend		0.8447
JMSPH	Summer2	S	SCHLA	12.24	0.0000	0.3218	3.85	6.11	158.83	Degrading		0.8844
JMSPH	Summer2	S	STSS	3.03	0.1402	0.1250	9.78	2.38	24.30	No trend		0.4198
JMSPH	Summer2	B	BTSS	1.20	0.6276	-0.1214	17.95	-2.31	-12.85	No trend		0.3673
JMSPH	Summer2	S	SECCHI	0.00	0.0000	-0.0214	1.25	-0.41	-32.57	Degrading		0.9012
JMSPH	Summer2	B	BDO	0.00	0.0001	0.0567	5.90	1.08	18.25	Improving		0.7766
JMSPH	Summer2	S	SSALIN	0.00	0.0413	-0.1327	24.03	-2.52	-10.49	No trend		0.8995
JMSPH	Summer2	B	BSALIN	0.00	0.0011	-0.2017	25.83	-3.83	-14.84	Decreasing		0.3188
JMSPH	Summer2	B	BWTEMP	0.00	0.0144	0.0740	23.38	1.41	6.01	No trend		0.4709
JMSPH	Summer2	S	SWTEMP	0.00	0.2489	-0.0233	26.15	-0.44	-1.70	No trend		0.6122

Appendix B - Section II. - Continued.

Segment	Season	Layer	Parameter	% BDL	P value	Slope	Absolute			Percent	Direction	Homogeneity	
							Baseline	Change	Change			test	P value
WBEMH	Summer2	S	STN	0.00	0.0482	-0.0076	0.85	-0.11	-13.40	No trend	0.7228		
WBEMH	Summer2	B	BTN	0.00	0.2593	-0.0077	0.90	-0.12	-12.87	No trend	0.3261		
WBEMH	Summer2	S	SDIN	2.27	0.8365	-0.0005	0.23	-0.01	-3.28	No trend	0.8653		
WBEMH	Summer2	B	BDIN	0.00	0.7103	-0.0026	0.25	-0.04	-15.41	No trend	0.4464		
WBEMH	Summer2	S	STP	0.00	0.0004	-0.0041	0.14	-0.06	-43.37	Improving	0.7426		
WBEMH	Summer2	B	BTP	0.00	0.0087	-0.0039	0.16	-0.06	-36.33	Improving	0.2513		
WBEMH	Summer2	S	SPO4F	0.00	0.0050	-0.0026	0.08	-0.04	-50.32	Improving	0.8362		
WBEMH	Summer2	B	BPO4F	0.00	0.0143	-0.0024	0.08	-0.04	-44.35	No trend	0.6673		
WBEMH	Summer2	S	SCHLA	0.00	0.0821	-0.5284	25.60	-7.93	-30.96	No trend	0.7651		
WBEMH	Summer2	S	STSS	0.00	0.1663	-0.3562	28.75	-5.34	-18.58	No trend	0.3136		
WBEMH	Summer2	B	BTSS	0.00	0.1181	-1.3150	45.40	-19.73	-43.45	No trend	0.7992		
WBEMH	Summer2	S	SECCHI	0.00	0.0051	0.0111	0.45	0.17	37.04	Improving	0.6324		
WBEMH	Summer2	B	BDO	0.00	0.0449	0.0979	4.40	1.47	33.36	No trend	0.7260		
WBEMH	Summer2	S	SSALIN	0.00	0.2498	0.1538	17.50	2.31	13.18	No trend	0.8059		
WBEMH	Summer2	B	BSALIN	0.00	0.2487	0.1437	17.55	2.16	12.28	No trend	0.9391		
WBEMH	Summer2	B	BWTEMP	0.00	0.3949	-0.0500	27.25	-0.75	-2.75	No trend	0.3498		
WBEMH	Summer2	S	SWTEMP	0.00	0.5552	-0.0270	27.55	-0.40	-1.47	No trend	0.2032		
SBEMH	Summer2	S	STN	0.00	0.0928	-0.0118	1.29	-0.18	-13.70	No trend	0.1651		
SBEMH	Summer2	B	BTN	0.00	0.2320	-0.0053	1.24	-0.08	-6.41	No trend	0.8904		
SBEMH	Summer2	S	SDIN	0.00	0.0919	-0.0122	0.71	-0.18	-25.67	No trend	0.9774		
SBEMH	Summer2	B	BDIN	0.00	0.3758	-0.0060	0.72	-0.09	-12.44	No trend	0.6108		
SBEMH	Summer2	S	STP	0.00	0.2623	-0.0013	0.12	-0.02	-16.83	No trend	0.9500		
SBEMH	Summer2	B	BTP	0.00	0.0056	-0.0023	0.14	-0.04	-25.41	Improving	0.8438		
SBEMH	Summer2	S	SPO4F	0.00	0.1226	-0.0015	0.08	-0.02	-27.52	No trend	0.9546		
SBEMH	Summer2	B	BPO4F	0.00	0.0298	-0.0020	0.10	-0.03	-30.69	No trend	0.9944		
SBEMH	Summer2	S	SCHLA	0.00	0.3758	-0.1938	9.03	-2.91	-32.22	No trend	0.8521		
SBEMH	Summer2	S	STSS	0.00	0.2380	-0.1889	9.45	-2.83	-29.98	No trend	0.7172		
SBEMH	Summer2	B	BTSS	0.00	0.1485	-0.4586	14.25	-6.88	-48.27	No trend	0.9614		
SBEMH	Summer2	S	SECCHI	0.00	0.0112	0.0214	0.85	0.32	37.82	No trend	0.6044		
SBEMH	Summer2	B	BDO	0.00	0.0179	0.0925	2.55	1.39	54.42	No trend	0.9307		
SBEMH	Summer2	S	SSALIN	0.00	0.1112	0.2000	17.13	3.00	17.52	No trend	0.6653		
SBEMH	Summer2	B	BSALIN	0.00	0.6272	0.0467	17.98	0.70	3.89	No trend	0.7698		
SBEMH	Summer2	B	BWTEMP	0.00	0.2131	0.0767	26.95	1.15	4.27	No trend	0.3121		
SBEMH	Summer2	S	SWTEMP	0.00	0.9530	0.0056	28.95	0.08	0.29	No trend	0.2522		
EBEMH	Summer2	S	STN	0.00	0.5133	-0.0038	1.11	-0.06	-5.19	No trend	0.7079		
EBEMH	Summer2	B	BTN	0.00	0.3163	-0.0049	1.08	-0.07	-6.83	No trend	0.7766		
EBEMH	Summer2	S	SDIN	0.00	0.4611	-0.0053	0.52	-0.08	-15.06	No trend	0.6490		
EBEMH	Summer2	B	BDIN	0.00	0.0721	-0.0100	0.57	-0.15	-26.40	No trend	0.9893		
EBEMH	Summer2	S	STP	0.00	0.2045	-0.0016	0.11	-0.02	-21.59	No trend	0.9513		
EBEMH	Summer2	B	BTP	0.00	0.0042	-0.0020	0.13	-0.03	-24.00	Improving	0.2487		
EBEMH	Summer2	S	SPO4F	0.00	0.5293	-0.0007	0.08	-0.01	-12.77	No trend	0.9306		
EBEMH	Summer2	B	BPO4F	0.00	0.0732	-0.0017	0.09	-0.03	-28.81	No trend	0.6559		
EBEMH	Summer2	S	SCHLA	2.27	0.7013	-0.0920	4.30	-1.38	-32.09	No trend	0.5748		
EBEMH	Summer2	S	STSS	0.00	0.1127	-0.2000	13.35	-3.00	-22.47	No trend	0.2892		
EBEMH	Summer2	B	BTSS	0.00	0.6918	-0.1000	12.85	-1.50	-11.67	No trend	0.6010		
EBEMH	Summer2	S	SECCHI	0.00	0.0419	0.0125	0.90	0.19	20.83	No trend	0.6007		
EBEMH	Summer2	B	BDO	0.00	0.0267	0.0872	3.00	1.31	43.59	No trend	0.6156		
EBEMH	Summer2	S	SSALIN	0.00	0.0889	0.1356	17.95	2.03	11.33	No trend	0.3472		
EBEMH	Summer2	B	BSALIN	0.00	0.3181	0.0919	18.40	1.38	7.49	No trend	0.9113		
EBEMH	Summer2	B	BWTEMP	0.00	0.8031	-0.0151	26.45	-0.23	-0.86	No trend	0.4980		
EBEMH	Summer2	S	SWTEMP	0.00	0.3949	-0.0573	26.80	-0.86	-3.21	No trend	0.3187		
ELIPH	Summer2	S	SCHLA	9.93	0.0690	0.1725	7.63	3.28	42.97	No trend	0.7839		
ELIPH	Summer2	S	STSS	2.63	0.0512	-0.3233	16.35	-5.17	-31.64	No trend	0.2155		
ELIPH	Summer2	B	BTSS	0.00	0.4055	-0.3048	19.00	-4.88	-25.67	No trend	0.2102		
ELIPH	Summer2	S	SECCHI	0.00	0.0012	-0.0125	1.13	-0.24	-21.11	Degrading	0.5479		
ELIPH	Summer2	B	BDO	0.00	0.0972	0.0400	4.88	0.76	15.59	No trend	0.4497		
ELIPH	Summer2	S	SSALIN	0.00	0.0413	-0.1677	24.07	-3.19	-13.24	No trend	0.9186		
ELIPH	Summer2	B	BSALIN	0.00	0.0339	-0.1275	25.38	-2.42	-9.54	No trend	0.2576		
ELIPH	Summer2	B	BWTEMP	0.00	0.9839	0.0000	24.93	0.00	0.00	No trend	0.2209		
ELIPH	Summer2	S	SWTEMP	0.00	0.3630	-0.0222	25.80	-0.42	-1.64	No trend	0.6217		

Appendix B - Section II. - Continued.

Segment	Season	Layer	Parameter	% BDL	P value	Slope	Absolute		Percent	Direction	Homogeneity	
							Baseline	Change	Change		test	P value
PMKTF	Summer2	S	SCHLA	22.73	0.2378	-0.1342	6.12	0.00	0.00	No trend		0.1637
PMKTF	Summer2	S	STSS	4.29	0.1878	0.3571	12.25	5.71	46.65	No trend		0.6462
PMKTF	Summer2	B	BTSS	4.62	0.1786	-0.7273	18.00	-11.64	-64.65	No trend		0.3310
PMKTF	Summer2	S	SECCHI	0.00	0.8625	0.0000	0.60	0.00	0.00	No trend		0.4411
PMKTF	Summer2	B	BDO	0.00	0.2947	0.0169	5.08	0.32	6.33	No trend		0.7603
PMKTF	Summer2	S	SSALIN	0.00	0.0014	0.0000	0.01	0.00	0.00	Unchanged		0.6443
PMKTF	Summer2	B	BSALIN	0.00	0.0014	0.0000	0.01	0.00	0.00	Unchanged		0.6443
PMKTF	Summer2	B	BWTEMP	0.00	0.0056	0.1200	26.00	2.28	8.77	Increasing		0.1550
PMKTF	Summer2	S	SWTEMP	0.00	0.0013	0.1306	25.50	2.48	9.73	Increasing		0.2320
PMKOH	Summer2	S	SCHLA	4.44	0.9175	0.0083	10.48	0.16	1.51	No trend		0.7689
PMKOH	Summer2	S	STSS	1.47	0.2996	-0.6000	19.00	-11.40	-60.00	No trend		0.6285
PMKOH	Summer2	B	BTSS	0.00	0.0576	-4.3333	182.75	-69.33	-37.94	No trend		0.5374
PMKOH	Summer2	S	SECCHI	0.00	0.0863	0.0036	0.45	0.07	15.08	No trend		0.6921
PMKOH	Summer2	B	BDO	0.00	0.5852	0.0125	4.73	0.24	5.03	No trend		0.6894
PMKOH	Summer2	S	SSALIN	0.00	0.6470	0.0405	6.68	0.77	11.51	No trend		0.5638
PMKOH	Summer2	B	BSALIN	0.00	0.7177	0.0514	7.17	0.98	13.63	No trend		0.5063
PMKOH	Summer2	B	BWTEMP	0.00	0.0780	0.0319	26.38	0.61	2.30	No trend		0.4928
PMKOH	Summer2	S	SWTEMP	0.00	0.1744	0.0352	26.48	0.67	2.52	No trend		0.5041
MPNTF	Summer2	S	SCHLA	30.68	0.1415	-0.0907	8.59	0.00	0.00	No trend		0.8852
MPNTF	Summer2	S	STSS	39.06	0.5272	0.0500	4.25	0.00	0.00	High BDLs		0.2365
MPNTF	Summer2	B	BTSS	24.19	0.7738	0.0000	8.00	0.00	0.00	No trend		0.0713
MPNTF	Summer2	S	SECCHI	0.00	0.3783	-0.0067	0.88	-0.13	-14.48	No trend		0.0828
MPNTF	Summer2	B	BDO	0.00	0.8360	0.0023	5.45	0.04	0.80	No trend		0.5706
MPNTF	Summer2	S	SSALIN	0.00	0.2064	0.0000	0.01	0.00	0.00	No trend		0.9101
MPNTF	Summer2	B	BSALIN	0.00	0.2198	0.0000	0.01	0.00	0.00	No trend		0.8781
MPNTF	Summer2	B	BWTEMP	0.00	0.0013	0.1700	26.50	3.23	12.19	Increasing		0.5249
MPNTF	Summer2	S	SWTEMP	0.00	0.0002	0.1908	25.63	3.63	14.15	Increasing		0.3637
MPNOH	Summer2	S	SCHLA	4.65	0.8751	-0.0150	9.77	-0.29	-2.92	No trend		0.5512
MPNOH	Summer2	S	STSS	1.43	0.3652	0.3205	14.50	6.09	42.00	No trend		0.6147
MPNOH	Summer2	B	BTSS	0.00	0.0811	2.0000	36.00	32.00	88.89	No trend		0.1422
MPNOH	Summer2	S	SECCHI	0.00	0.1256	0.0000	0.60	0.00	0.00	No trend		0.7994
MPNOH	Summer2	B	BDO	0.00	0.2796	0.0167	4.95	0.32	6.40	No trend		0.9175
MPNOH	Summer2	S	SSALIN	0.00	0.2613	0.1000	7.84	1.90	24.24	No trend		0.0987
MPNOH	Summer2	B	BSALIN	0.00	0.3320	0.1167	8.23	2.22	26.93	No trend		0.1981
MPNOH	Summer2	B	BWTEMP	0.00	0.0506	0.0646	26.35	1.23	4.66	No trend		0.6181
MPNOH	Summer2	S	SWTEMP	0.00	0.0091	0.0721	26.58	1.37	5.16	Increasing		0.8947
YRKMH	Summer2	S	SCHLA	2.16	0.8198	-0.0210	10.17	-0.40	-3.92	No trend		0.5673
YRKMH	Summer2	S	STSS	0.00	0.2716	-0.2500	22.50	-4.00	-17.78	No trend		0.4366
YRKMH	Summer2	B	BTSS	0.81	0.6878	0.3333	38.25	5.33	13.94	No trend		0.4551
YRKMH	Summer2	S	SECCHI	0.00	0.9651	0.0000	0.58	0.00	0.00	No trend		0.6345
YRKMH	Summer2	B	BDO	0.00	0.5942	0.0100	5.25	0.19	3.62	No trend		0.5302
YRKMH	Summer2	S	SSALIN	0.00	0.1253	-0.1500	16.05	-2.85	-17.76	No trend		0.5085
YRKMH	Summer2	B	BSALIN	0.00	0.1107	-0.1315	17.12	-2.50	-14.60	No trend		0.9179
YRKMH	Summer2	B	BWTEMP	0.00	0.1845	0.0313	25.98	0.59	2.29	No trend		0.0644
YRKMH	Summer2	S	SWTEMP	0.00	0.1061	0.0375	26.15	0.71	2.72	No trend		0.3717
YRKPH	Summer2	S	SCHLA	6.67	0.0267	0.1656	7.88	3.15	39.96	No trend		0.7170
YRKPH	Summer2	S	STSS	9.70	0.3938	-0.1077	6.50	-2.05	-31.48	No trend		0.9121
YRKPH	Summer2	B	BTSS	3.91	0.9342	0.0667	19.25	1.07	5.54	No trend		0.8615
YRKPH	Summer2	S	SECCHI	0.00	0.1937	-0.0045	1.18	-0.09	-7.35	No trend		0.7483
YRKPH	Summer2	B	BDO	0.00	0.2504	-0.0408	4.90	-0.78	-15.83	No trend		0.5321
YRKPH	Summer2	S	SSALIN	0.00	0.0109	-0.2000	23.06	-3.80	-16.48	No trend		0.8544
YRKPH	Summer2	B	BSALIN	0.00	0.1589	-0.0806	23.89	-1.53	-6.41	No trend		0.9262
YRKPH	Summer2	B	BWTEMP	0.00	0.4307	-0.0250	24.93	-0.48	-1.91	No trend		0.4138
YRKPH	Summer2	S	SWTEMP	0.00	0.8986	0.0024	25.88	0.05	0.18	No trend		0.5380

Appendix B - Section II. - Continued.

Segment	Season	Layer	Parameter	% BDL	P value	Slope	Baseline	Absolute Change	Percent Change	Direction	Homogeneity test P value
RPPTF	Summer2	S	SCHLA	8.40	0.6714	-0.1882	26.66	-3.58	-13.41	No trend	0.5639
RPPTF	Summer2	S	STSS	0.00	0.8759	-0.0406	25.75	-0.65	-2.52	No trend	0.2707
RPPTF	Summer2	B	BTSS	1.04	0.5324	-0.3229	33.25	-5.17	-15.54	No trend	0.4555
RPPTF	Summer2	S	SECCHI	0.00	0.6163	0.0000	0.40	0.00	0.00	No trend	0.3636
RPPTF	Summer2	B	BDO	0.00	0.5204	-0.0143	6.98	-0.27	-3.89	No trend	0.8309
RPPTF	Summer2	S	SSALIN	0.00	0.0007	0.0000	0.01	0.00	0.00	Unchanged	0.7151
RPPTF	Summer2	B	BSALIN	0.00	0.0006	0.0000	0.01	0.00	0.00	Unchanged	0.4190
RPPTF	Summer2	B	BWTEMP	0.00	0.3847	0.0355	26.00	0.67	2.59	No trend	0.1511
RPPTF	Summer2	S	SWTEMP	0.00	0.4190	0.0292	26.25	0.56	2.12	No trend	0.1644
RPPMH	Summer2	S	SCHLA	4.83	0.0050	0.1888	8.04	3.59	44.62	Degrading	0.5440
RPPMH	Summer2	S	STSS	18.10	0.0354	-0.2500	8.50	0.00	0.00	No trend	0.1686
RPPMH	Summer2	B	BTSS	9.63	0.6126	-0.1229	12.75	-2.33	-18.31	No trend	0.0144
RPPMH	Summer2	S	SECCHI	0.00	0.6683	0.0000	1.05	0.00	0.00	No trend	0.0330
RPPMH	Summer2	B	BDO	0.00	0.0477	-0.0500	5.38	-0.95	-17.67	No trend	0.6279
RPPMH	Summer2	S	SSALIN	0.00	0.0162	-0.1640	18.07	-3.12	-17.25	No trend	0.8877
RPPMH	Summer2	B	BSALIN	0.00	0.3124	-0.0606	18.85	-1.15	-6.11	No trend	0.6577
RPPMH	Summer2	B	BWTEMP	0.00	0.1193	-0.0333	26.08	-0.63	-2.43	No trend	0.3562
RPPMH	Summer2	S	SWTEMP	0.00	0.5441	-0.0200	26.40	-0.38	-1.44	No trend	0.3359
RPPOH	Summer2	S	SCHLA	3.33	0.0003	0.6000	9.91	11.40	115.09	Degrading	0.9600
RPPOH	Summer2	S	STSS	0.00	0.9146	0.0000	18.50	0.00	0.00	No trend	0.9908
RPPOH	Summer2	B	BTSS	1.61	0.1802	0.5714	30.00	9.14	30.48	No trend	0.5604
RPPOH	Summer2	S	SECCHI	0.00	0.0031	-0.0100	0.68	-0.19	-28.15	Degrading	0.6328
RPPOH	Summer2	B	BDO	0.00	0.0121	0.0556	6.13	1.06	17.23	No trend	0.7064
RPPOH	Summer2	S	SSALIN	0.00	0.1949	-0.0690	5.14	-1.31	-25.53	No trend	0.7565
RPPOH	Summer2	B	BSALIN	0.00	0.3418	-0.0536	5.50	-1.02	-18.52	No trend	0.4284
RPPOH	Summer2	B	BWTEMP	0.00	0.2567	0.0333	27.43	0.63	2.31	No trend	0.3534
RPPOH	Summer2	S	SWTEMP	0.00	0.1345	0.0500	27.53	0.95	3.45	No trend	0.3179
CRRMH	Summer2	S	SCHLA	8.60	0.7464	-0.0143	11.24	-0.27	-2.42	No trend	0.8046
CRRMH	Summer2	S	STSS	53.42	0.0004	-0.3125	9.00	0.00	0.00	High BDLs	0.9246
CRRMH	Summer2	B	BTSS	30.77	0.0064	-0.4583	16.00	0.00	0.00	Improving	0.7825
CRRMH	Summer2	S	SECCHI	0.00	0.1277	-0.0100	1.58	-0.19	-12.06	No trend	0.2608
CRRMH	Summer2	B	BDO	0.00	0.0144	-0.1000	4.60	-1.90	-41.30	No trend	0.8485
CRRMH	Summer2	S	SSALIN	0.00	0.0030	-0.2044	18.77	-3.88	-20.69	Decreasing	0.9662
CRRMH	Summer2	B	BSALIN	0.00	0.0631	-0.1222	19.13	-2.32	-12.14	No trend	0.9898
CRRMH	Summer2	B	BWTEMP	0.00	0.1293	-0.0433	26.55	-0.82	-3.10	No trend	0.0603
CRRMH	Summer2	S	SWTEMP	0.00	0.7618	0.0090	27.10	0.17	0.63	No trend	0.3825

Appendix B - Section II. - Continued.

Segment	Season	Layer	Parameter	% BDL	P value	Slope	Absolute		Percent	Homogeneity	
							Baseline	Change	Change	Direction	test P value
APPTF	Winter	S	SCHLA	63.64	0.0902	0.0683	3.10	0.00	0.00	High BDLs	0.8148
APPTF	Winter	S	STSS	0.00	0.3802	0.2500	13.00	3.75	28.85	No trend	0.1311
APPTF	Winter	B	BTSS	0.00	0.7405	0.2517	19.00	3.78	19.87	No trend	0.6198
APPTF	Winter	S	SECCHI	0.00	0.4124	0.0000	0.55	0.00	0.00	No trend	0.0310
APPTF	Winter	B	BDO	0.00	0.1462	0.0429	12.20	0.81	6.67	No trend	0.2363
APPTF	Winter	S	SSALIN	0.00	0.0631	0.0000	0.01	0.00	0.00	No trend	
APPTF	Winter	B	BSALIN	0.00	0.0253	0.0000	0.01	0.00	0.00	No trend	0.6212
APPTF	Winter	B	BWTEMP	0.00	0.1806	0.1110	2.75	2.11	76.69	No trend	0.2637
APPTF	Winter	S	SWTEMP	0.00	0.1469	0.1000	2.75	1.90	69.09	No trend	0.3167
JMSTF	Winter	S	SCHLA	63.82	0.1451	0.0067	3.10	0.00	0.00	High BDLs	0.9986
JMSTF	Winter	S	STSS	14.29	0.7527	0.1808	10.63	2.71	25.53	No trend	0.4623
JMSTF	Winter	B	BTSS	7.95	0.1405	1.7000	38.50	25.50	66.23	No trend	0.1831
JMSTF	Winter	S	SECCHI	0.00	0.2270	0.0000	0.40	0.00	0.00	No trend	0.4917
JMSTF	Winter	B	BDO	0.00	0.1462	0.0425	11.80	0.81	6.84	No trend	0.1025
JMSTF	Winter	S	SSALIN	0.00	0.0087	0.0000	0.01	0.00	0.00	Unchanged	0.7935
JMSTF	Winter	B	BSALIN	0.00	0.0087	0.0000	0.01	0.00	0.00	Unchanged	0.7935
JMSTF	Winter	B	BWTEMP	0.00	0.5766	0.0286	3.50	0.54	15.51	No trend	0.0978
JMSTF	Winter	S	SWTEMP	0.00	0.6962	0.0268	3.38	0.51	15.10	No trend	0.0966
CHKOH	Winter	S	SCHLA	25.00	0.9153	0.0000	14.98	0.00	0.00	No trend	0.6960
CHKOH	Winter	S	STSS	0.00	0.5283	0.3452	16.00	5.18	32.37	No trend	0.7799
CHKOH	Winter	B	BTSS	0.00	0.9158	0.0000	24.50	0.00	0.00	No trend	0.5493
CHKOH	Winter	S	SECCHI	0.00	0.1822	0.0000	0.60	0.00	0.00	No trend	0.4916
CHKOH	Winter	B	BDO	0.00	0.0105	0.1000	11.45	1.50	13.10	No trend	0.5501
CHKOH	Winter	S	SSALIN	0.00	0.0413	0.0000	0.26	0.00	0.00	No trend	0.9719
CHKOH	Winter	B	BSALIN	0.00	0.0413	0.0000	0.26	0.00	0.00	No trend	0.9719
CHKOH	Winter	B	BWTEMP	0.00	0.2455	-0.0733	6.40	-1.10	-17.19	No trend	0.1634
CHKOH	Winter	S	SWTEMP	0.00	0.3529	-0.0667	6.50	-1.00	-15.38	No trend	0.1413
JMSOH	Winter	S	SCHLA	50.62	0.9731	0.0000	3.80	0.00	0.00	High BDLs	0.4774
JMSOH	Winter	S	STSS	1.82	0.2298	-1.2917	68.00	-19.38	-28.49	No trend	0.9684
JMSOH	Winter	B	BTSS	0.00	0.3529	-2.0250	143.00	-30.38	-21.24	No trend	0.8163
JMSOH	Winter	S	SECCHI	0.00	0.2060	0.0050	0.40	0.10	23.75	No trend	0.4371
JMSOH	Winter	B	BDO	0.00	0.3306	-0.0366	11.80	-0.70	-5.89	No trend	0.6570
JMSOH	Winter	S	SSALIN	0.00	0.0546	0.1264	1.63	2.40	147.29	No trend	0.3011
JMSOH	Winter	B	BSALIN	0.00	0.0820	0.1825	4.31	3.47	80.41	No trend	0.3347
JMSOH	Winter	B	BWTEMP	0.00	0.1446	0.1363	3.25	2.59	79.65	No trend	0.6725
JMSOH	Winter	S	SWTEMP	0.00	0.1444	0.1352	3.35	2.57	76.68	No trend	0.5053
JMSMH	Winter	S	SCHLA	22.35	0.2142	-0.4679	28.37	0.00	0.00	No trend	0.3560
JMSMH	Winter	S	STSS	7.58	0.9747	0.0000	9.00	0.00	0.00	No trend	0.3175
JMSMH	Winter	B	BTSS	6.45	0.3937	0.6131	11.00	9.20	83.60	No trend	0.4389
JMSMH	Winter	S	SECCHI	0.00	0.3121	0.0111	1.03	0.21	20.60	No trend	0.8902
JMSMH	Winter	B	BDO	0.00	0.1619	-0.0458	12.28	-0.87	-7.09	No trend	0.8078
JMSMH	Winter	S	SSALIN	0.00	0.0872	0.3833	14.09	7.28	51.69	No trend	0.3537
JMSMH	Winter	B	BSALIN	0.00	0.1807	0.2036	19.12	3.87	20.23	No trend	0.1604
JMSMH	Winter	B	BWTEMP	0.00	0.2123	0.1162	2.30	2.21	95.96	No trend	0.5182
JMSMH	Winter	S	SWTEMP	0.00	0.3585	0.0797	2.10	1.51	72.13	No trend	0.2997
JMSPH	Winter	S	SCHLA	10.00	0.0048	-0.4885	22.53	-9.28	-41.20	Improving	0.0925
JMSPH	Winter	S	STSS	3.08	0.8625	-0.0119	8.65	-0.23	-2.62	No trend	0.9802
JMSPH	Winter	B	BTSS	3.03	0.5040	-0.1404	13.65	-2.67	-19.55	No trend	0.7856
JMSPH	Winter	S	SECCHI	0.00	0.8423	0.0000	1.38	0.00	0.00	No trend	0.3975
JMSPH	Winter	B	BDO	0.00	0.3102	0.0433	11.55	0.82	7.13	No trend	0.8619
JMSPH	Winter	S	SSALIN	0.00	0.2551	0.0929	20.05	1.77	8.81	No trend	0.9212
JMSPH	Winter	B	BSALIN	0.00	0.0567	-0.1750	24.30	-3.32	-13.68	No trend	0.9020
JMSPH	Winter	B	BWTEMP	0.00	0.0352	0.1127	2.83	2.14	75.77	No trend	0.7119
JMSPH	Winter	S	SWTEMP	0.00	0.1131	0.0985	2.45	1.87	76.39	No trend	0.8819

Appendix B - Section II. - Continued.

Segment	Season	Layer	Parameter	% BDL	P value	Slope	Absolute			Percent	Direction	Homogeneity	
							Baseline	Change	Change			test	P value
WBEMH	Winter	S	STN	0.00	0.1788	-0.0101	0.62	-0.15	-24.49	No trend	0.9743		
WBEMH	Winter	B	BTN	0.00	0.0595	-0.0125	0.59	-0.19	-31.59	No trend	0.6939		
WBEMH	Winter	S	SDIN	16.13	0.1318	-0.0043	0.10			No trend	0.9722		
WBEMH	Winter	B	BDIN	9.68	0.1910	-0.0060	0.20	-0.09	-45.58	No trend	0.6822		
WBEMH	Winter	S	STP	0.00	0.0006	-0.0013	0.05	-0.02	-40.82	Improving	0.1193		
WBEMH	Winter	B	BTP	0.00	0.1204	-0.0009	0.04	-0.01	-35.90	No trend	0.5128		
WBEMH	Winter	S	SPO4F	38.71	0.0001	-0.0005	0.01			Improving	0.8266		
WBEMH	Winter	B	BPO4F	38.71	0.0000	-0.0006	0.01			Improving	0.9794		
WBEMH	Winter	S	SCHLA	0.00	0.0058	-1.1418	26.30	-17.13	-65.12	Improving	0.6047		
WBEMH	Winter	S	STSS	0.00	0.1854	-0.3896	13.40	-5.84	-43.61	No trend	0.8784		
WBEMH	Winter	B	BTSS	0.00	0.2786	-0.2778	12.45	-4.17	-33.47	No trend	0.9124		
WBEMH	Winter	S	SECCHI	0.00	0.8065	0.0000	0.95	0.00	0.00	No trend	0.3314		
WBEMH	Winter	B	BDO	0.00	0.1439	0.0792	12.00	1.19	9.90	No trend	0.2735		
WBEMH	Winter	S	SSALIN	0.00	0.0343	0.2527	15.45	3.79	24.54	No trend	0.6765		
WBEMH	Winter	B	BSALIN	0.00	0.0906	0.2210	16.00	3.32	20.72	No trend	0.2643		
WBEMH	Winter	B	BWTEMP	0.00	0.9082	-0.0129	6.10	-0.19	-3.16	No trend	0.7160		
WBEMH	Winter	S	SWTEMP	0.00	0.8476	-0.0786	6.65	-1.18	-17.72	No trend	0.5443		
SBEMH	Winter	S	STN	0.00	0.0191	-0.0425	1.75	-0.64	-36.48	No trend	0.9179		
SBEMH	Winter	B	BTN	0.00	0.0984	-0.0195	1.15	-0.29	-25.50	No trend	0.4946		
SBEMH	Winter	S	SDIN	0.00	0.0019	-0.0395	1.04	-0.59	-57.19	Improving	0.6548		
SBEMH	Winter	B	BDIN	0.00	0.0191	-0.0194	0.62	-0.29	-47.31	No trend	0.9179		
SBEMH	Winter	S	STP	0.00	0.0011	-0.0021	0.06	-0.03	-50.20	Improving	0.2705		
SBEMH	Winter	B	BTP	0.00	0.0044	-0.0015	0.06	-0.02	-36.67	Improving	0.3828		
SBEMH	Winter	S	SPO4F	4.84	0.0232	-0.0008	0.03	-0.01	-34.09	No trend	0.2896		
SBEMH	Winter	B	BPO4F	17.74	0.0023	-0.0011	0.03			Improving	0.7798		
SBEMH	Winter	S	SCHLA	3.33	0.8175	-0.1210	5.18	-1.82	-35.08	No trend	0.1666		
SBEMH	Winter	S	STSS	1.67	0.0999	-0.3232	11.58	-4.85	-41.89	No trend	0.3504		
SBEMH	Winter	B	BTSS	0.00	0.3560	-0.3238	11.63	-4.86	-41.77	No trend	0.9761		
SBEMH	Winter	S	SECCHI	0.00	0.8774	0.0000	0.75	0.00	0.00	No trend	0.8625		
SBEMH	Winter	B	BDO	0.00	0.0374	0.1195	8.63	1.79	20.78	No trend	0.5880		
SBEMH	Winter	S	SSALIN	0.00	0.2994	0.2333	12.95	3.50	27.03	No trend	0.3522		
SBEMH	Winter	B	BSALIN	0.00	0.7879	0.0272	17.78	0.41	2.30	No trend	0.2455		
SBEMH	Winter	B	BWTEMP	0.00	0.1439	0.1383	7.70	2.08	26.95	No trend	0.9358		
SBEMH	Winter	S	SWTEMP	0.00	0.9082	-0.0085	10.85	-0.13	-1.18	No trend	0.9591		
EBEMH	Winter	S	STN	0.00	0.0308	-0.0202	1.10	-0.30	-27.58	No trend	0.5703		
EBEMH	Winter	B	BTN	0.00	0.0368	-0.0168	0.97	-0.25	-26.14	No trend	0.7480		
EBEMH	Winter	S	SDIN	0.00	0.1151	-0.0184	0.56	-0.28	-48.82	No trend	0.5507		
EBEMH	Winter	B	BDIN	0.00	0.0005	-0.0196	0.48	-0.29	-61.05	Improving	0.5714		
EBEMH	Winter	S	STP	0.00	0.0210	-0.0016	0.06	-0.02	-41.30	No trend	0.3946		
EBEMH	Winter	B	BTP	0.00	0.0191	-0.0012	0.06	-0.02	-31.58	No trend	0.5674		
EBEMH	Winter	S	SPO4F	19.35	0.0002	-0.0008	0.01			Improving	0.8849		
EBEMH	Winter	B	BPO4F	32.26	0.0000	-0.0007	0.01			Improving	0.6040		
EBEMH	Winter	S	SCHLA	0.00	0.2335	-0.3000	16.56	-4.50	-27.17	No trend	0.1203		
EBEMH	Winter	S	STSS	0.00	0.4458	-0.3333	11.50	-5.00	-43.48	No trend	0.5061		
EBEMH	Winter	B	BTSS	0.00	0.9680	-0.1222	12.05	-1.83	-15.21	No trend	0.7650		
EBEMH	Winter	S	SECCHI	0.00	0.7531	0.0000	0.95	0.00	0.00	No trend	0.4043		
EBEMH	Winter	B	BDO	0.00	0.0210	0.1320	9.80	1.98	20.20	No trend	0.8661		
EBEMH	Winter	S	SSALIN	0.00	0.1439	0.1717	15.95	2.57	16.14	No trend	0.1592		
EBEMH	Winter	B	BSALIN	0.00	0.2994	0.1450	17.65	2.18	12.32	No trend	0.0618		
EBEMH	Winter	B	BWTEMP	0.00	0.9082	0.0173	7.05	0.26	3.68	No trend	0.3755		
EBEMH	Winter	S	SWTEMP	0.00	0.9693	0.0000	7.25	0.00	0.00	No trend	0.3302		
ELIPH	Winter	S	SCHLA	8.33	0.1446	-0.4966	14.77	-8.94	-60.52	No trend	0.2019		
ELIPH	Winter	S	STSS	6.90	0.4414	-0.0978	11.00	-1.47	-13.34	No trend	0.5756		
ELIPH	Winter	B	BTSS	1.72	0.4010	0.4292	17.78	6.44	36.22	No trend	0.6242		
ELIPH	Winter	S	SECCHI	0.00	0.4157	-0.0071	1.05	-0.14	-12.93	No trend	0.5029		
ELIPH	Winter	B	BDO	0.00	0.3571	0.0277	11.10	0.53	4.74	No trend	0.4276		
ELIPH	Winter	S	SSALIN	0.00	0.7499	0.0367	19.72	0.70	3.53	No trend	0.5200		
ELIPH	Winter	B	BSALIN	0.00	0.8234	-0.0115	22.07	-0.22	-0.99	No trend	0.8157		
ELIPH	Winter	B	BWTEMP	0.00	0.1897	0.1050	2.90	2.00	68.79	No trend	0.4496		
ELIPH	Winter	S	SWTEMP	0.00	0.1250	0.1045	2.00	1.99	99.32	No trend	0.2553		

Appendix B - Section II. - Continued.

Segment	Season	Layer	Parameter	% BDL	P value	Slope	Absolute			Percent Change	Direction	Homogeneity	
							Baseline	Change	Change			test	P value
PMKTF	Winter	S	SCHLA	86.05	0.0011	0.0000	3.10	0.00	0.00	0.00	High BDLs	0.1939	
PMKTF	Winter	S	STSS	0.00	0.6857	0.2361	19.50	3.54	18.16		No trend	0.5654	
PMKTF	Winter	B	BTSS	0.00	0.8766	-0.0909	25.00	-1.36	-5.45		No trend	0.2769	
PMKTF	Winter	S	SECCHI	0.00	0.6142	0.0000	0.55	0.00	0.00		No trend	0.9972	
PMKTF	Winter	B	BDO	0.00	0.7259	0.0121	12.05	0.23	1.91		No trend	0.4480	
PMKTF	Winter	S	SSALIN	0.00	0.0273	0.0000	0.01	0.00	0.00		No trend	0.8323	
PMKTF	Winter	B	BSALIN	0.00	0.0448	0.0000	0.01	0.00	0.00		No trend	0.9894	
PMKTF	Winter	B	BWTEMP	0.00	0.6409	0.0348	3.00	0.66	22.03		No trend	0.8153	
PMKTF	Winter	S	SWTEMP	0.00	0.6755	0.0260	3.00	0.49	16.47		No trend	0.8583	
PMKOH	Winter	S	SCHLA	60.98	0.6937	0.0000	3.10	0.00	0.00		High BDLs	0.6690	
PMKOH	Winter	S	STSS	0.00	0.7259	-0.2619	86.00	-4.98	-5.79		No trend	0.8155	
PMKOH	Winter	B	BTSS	3.23	0.6540	-1.7143	72.00	-25.71	-35.71		No trend	0.8189	
PMKOH	Winter	S	SECCHI	0.00	0.1280	0.0046	0.30	0.09	28.90		No trend	0.7525	
PMKOH	Winter	B	BDO	0.00	0.4134	-0.0180	12.05	-0.34	-2.84		No trend	0.2926	
PMKOH	Winter	S	SSALIN	0.00	0.0357	0.2179	0.70	4.14	591.39		No trend	0.8061	
PMKOH	Winter	B	BSALIN	0.00	0.0207	0.2676	0.98	5.08	518.85		No trend	0.6843	
PMKOH	Winter	B	BWTEMP	0.00	0.8611	0.0071	2.35	0.13	5.73		No trend	0.3509	
PMKOH	Winter	S	SWTEMP	0.00	1.0000	-0.0001	2.30	0.00	-0.09		No trend	0.3513	
MPNTF	Winter	S	SCHLA	93.48	0.0002	0.0000	3.10	0.00	0.00		High BDLs	0.2715	
MPNTF	Winter	S	STSS	8.57	0.2101	0.5505	11.00	8.26	75.07		No trend	0.0774	
MPNTF	Winter	B	BTSS	11.76	0.3753	0.4286	8.00	6.43	80.36		No trend	0.2498	
MPNTF	Winter	S	SECCHI	0.00	0.1063	-0.0194	0.75	-0.37	-49.08		No trend	0.1836	
MPNTF	Winter	B	BDO	0.00	0.6954	0.0152	12.60	0.29	2.29		No trend	0.2832	
MPNTF	Winter	S	SSALIN	0.00	0.2891	0.0000	0.01	0.00	0.00		No trend		
MPNTF	Winter	B	BSALIN	0.00	0.2891	0.0000	0.01	0.00	0.00		No trend		
MPNTF	Winter	B	BWTEMP	0.00	0.9520	-0.0055	2.50	-0.10	-4.18		No trend	0.7985	
MPNTF	Winter	S	SWTEMP	0.00	1.0000	0.0000	2.50	0.00	0.00		No trend	0.7372	
MPNOH	Winter	S	SCHLA	68.89	0.5783	0.0000	3.10	0.00	0.00		High BDLs	0.5161	
MPNOH	Winter	S	STSS	0.00	0.0360	-1.0000	60.00	-19.00	-31.67		No trend	0.6144	
MPNOH	Winter	B	BTSS	0.00	0.5903	-0.6000	30.50	-9.00	-29.51		No trend	0.5177	
MPNOH	Winter	S	SECCHI	0.00	0.2050	0.0000	0.30	0.00	0.00		No trend	0.2069	
MPNOH	Winter	B	BDO	0.00	0.6551	-0.0162	12.35	-0.31	-2.50		No trend	0.7653	
MPNOH	Winter	S	SSALIN	0.00	0.1340	0.1114	0.32	2.12	661.61		No trend	0.6991	
MPNOH	Winter	B	BSALIN	0.00	0.1605	0.1580	0.31	3.00	968.39		No trend	0.8579	
MPNOH	Winter	B	BWTEMP	0.00	0.3575	0.0500	2.00	0.95	47.50		No trend	0.7454	
MPNOH	Winter	S	SWTEMP	0.00	0.4027	0.0515	2.10	0.98	46.63		No trend	0.7641	
YRKMH	Winter	S	SCHLA	28.26	0.3561	0.1915	10.29	0.00	0.00		No trend	0.8291	
YRKMH	Winter	S	STSS	0.00	0.9441	0.0069	18.25	0.10	0.57		No trend	0.3623	
YRKMH	Winter	B	BTSS	1.52	0.0300	3.2500	29.38	48.75	165.96		No trend	0.4840	
YRKMH	Winter	S	SECCHI	0.00	0.6850	0.0000	0.68	0.00	0.00		No trend	0.3171	
YRKMH	Winter	B	BDO	0.00	0.7474	-0.0057	12.03	-0.11	-0.90		No trend	0.8724	
YRKMH	Winter	S	SSALIN	0.00	0.0790	0.2494	8.71	4.74	54.43		No trend	0.7449	
YRKMH	Winter	B	BSALIN	0.00	0.0656	0.2000	11.18	3.80	33.99		No trend	0.9834	
YRKMH	Winter	B	BWTEMP	0.00	0.6683	0.0252	2.40	0.48	19.94		No trend	0.7077	
YRKMH	Winter	S	SWTEMP	0.00	1.0000	0.0022	2.18	0.04	1.96		No trend	0.4862	
YRKPH	Winter	S	SCHLA	13.64	0.0390	-0.4533	17.70	-8.16	-46.10		No trend	0.8871	
YRKPH	Winter	S	STSS	25.00	0.6473	-0.0263	8.50	0.00	0.00		No trend	0.5356	
YRKPH	Winter	B	BTSS	4.84	0.0355	1.5000	11.75	22.50	191.49		No trend	0.7793	
YRKPH	Winter	S	SECCHI	0.00	0.6093	0.0077	1.13	0.15	13.07		No trend	0.8512	
YRKPH	Winter	B	BDO	0.00	0.2176	-0.0460	12.15	-0.87	-7.19		No trend	0.9572	
YRKPH	Winter	S	SSALIN	0.00	0.1900	0.1481	18.18	2.81	15.48		No trend	0.9338	
YRKPH	Winter	B	BSALIN	0.00	0.0696	0.1320	20.99	2.51	11.95		No trend	0.4974	
YRKPH	Winter	B	BWTEMP	0.00	0.8093	0.0100	3.33	0.19	5.71		No trend	0.8095	
YRKPH	Winter	S	SWTEMP	0.00	1.0000	0.0051	2.48	0.10	3.94		No trend	0.5557	

Appendix B - Section II. - Continued.

Segment	Season	Layer	Parameter	% BDL	P value	Slope	Baseline	Absolute Change	Percent Change	Direction	Homogeneity test P value
RPPTF	Winter	S	SCHLA	66.33	0.7475	0.0000	3.10	0.00	0.00	High BDLs	0.7553
RPPTF	Winter	S	STSS	5.19	0.2473	0.7525	25.50	11.29	44.27	No trend	0.9715
RPPTF	Winter	B	BTSS	8.11	0.5517	1.0000	46.50	15.00	32.26	No trend	0.9161
RPPTF	Winter	S	SECCHI	0.00	0.2631	-0.0077	0.45	-0.12	-27.35	No trend	0.5702
RPPTF	Winter	B	BDO	0.00	0.1890	0.0500	12.70	0.95	7.48	No trend	0.4839
RPPTF	Winter	S	SSALIN	0.00	0.0031	0.0000	0.01	0.00	0.00	Unchanged	0.8327
RPPTF	Winter	B	BSALIN	0.00	0.0035	0.0000	0.01	0.00	0.00	Unchanged	0.8591
RPPTF	Winter	B	BWTEMP	0.00	0.7378	0.0358	3.00	0.68	22.69	No trend	0.6047
RPPTF	Winter	S	SWTEMP	0.00	0.3911	0.0836	2.00	1.59	79.39	No trend	0.2837
RPPMH	Winter	S	SCHLA	23.87	0.0708	-0.2125	9.42	0.00	0.00	No trend	0.5365
RPPMH	Winter	S	STSS	22.93	0.0873	0.2500	7.75	0.00	0.00	No trend	0.9790
RPPMH	Winter	B	BTSS	9.09	0.8237	-0.0319	16.50	-0.61	-3.67	No trend	0.5359
RPPMH	Winter	S	SECCHI	0.00	0.1370	-0.0280	1.50	-0.53	-35.41	No trend	1.0000
RPPMH	Winter	B	BDO	0.00	0.6737	-0.0092	12.30	-0.18	-1.42	No trend	0.4724
RPPMH	Winter	S	SSALIN	0.00	0.4730	-0.0529	14.58	-1.00	-6.89	No trend	0.5039
RPPMH	Winter	B	BSALIN	0.00	0.7105	-0.0507	17.27	-0.96	-5.58	No trend	0.4729
RPPMH	Winter	B	BWTEMP	0.00	0.2988	0.0719	2.68	1.37	51.10	No trend	0.7666
RPPMH	Winter	S	SWTEMP	0.00	0.3469	0.0510	3.23	0.97	30.07	No trend	0.5860
RPPOH	Winter	S	SCHLA	65.91	0.2199	0.0000	3.10	0.00	0.00	High BDLs	0.1506
RPPOH	Winter	S	STSS	0.00	0.5811	-0.3205	42.00	-4.81	-11.45	No trend	0.9920
RPPOH	Winter	B	BTSS	0.00	0.8257	-0.4000	43.00	-6.00	-13.95	No trend	0.3705
RPPOH	Winter	S	SECCHI	0.00	0.5795	0.0000	0.35	0.00	0.00	No trend	0.9598
RPPOH	Winter	B	BDO	0.00	0.4439	-0.0295	12.85	-0.56	-4.36	No trend	1.0000
RPPOH	Winter	S	SSALIN	0.00	0.3402	0.0000	0.50	0.00	0.00	No trend	0.9698
RPPOH	Winter	B	BSALIN	0.00	0.1987	0.0125	0.41	0.24	57.93	No trend	0.7773
RPPOH	Winter	B	BWTEMP	0.00	0.3552	0.0836	2.95	1.59	53.85	No trend	0.3554
RPPOH	Winter	S	SWTEMP	0.00	0.1708	0.1011	2.90	1.92	66.26	No trend	0.3560
CRRMH	Winter	S	SCHLA	20.93	0.1275	-0.1367	4.45	0.00	0.00	No trend	0.7104
CRRMH	Winter	S	STSS	69.23	0.5332	0.0000	5.00	0.00	0.00	High BDLs	0.9029
CRRMH	Winter	B	BTSS	48.39	0.6503	0.0000	5.00	0.00	0.00	High BDLs	0.5296
CRRMH	Winter	S	SECCHI	0.00	0.5860	0.0111	2.75	0.21	7.68	No trend	0.6762
CRRMH	Winter	B	BDO	0.00	0.4117	-0.0454	12.75	-0.86	-6.76	No trend	0.3025
CRRMH	Winter	S	SSALIN	0.00	0.4471	0.0938	15.81	1.78	11.28	No trend	0.9542
CRRMH	Winter	B	BSALIN	0.00	0.3751	0.1200	16.50	2.28	13.82	No trend	0.8329
CRRMH	Winter	B	BWTEMP	0.00	0.4112	0.0388	3.55	0.74	20.74	No trend	0.6304
CRRMH	Winter	S	SWTEMP	0.00	0.7147	0.0258	3.80	0.49	12.89	No trend	0.5934