

Appendix H
Willamette River Stations Data

Parameter Abbreviation	Description	Unit	Description
Alk	alkalinity	mg/L	milligrams/liter
BOD	biochemical demand	mg/L	milligrams/liter
BOD5	biochemical demand 5-day	mg/L	milligrams/liter
COD	chemical oxygen demand	mg/L	milligrams/liter
Cond	conductivity	uS/cm	microSiemens/centimeter
Cu	copper	mg/L	milligrams/liter
DO	dissolve oxygen	mg/L	milligrams/liter
DO Sat	dissolve oxygen saturation	%	percent saturation
E.Coli	E.Coli bacteria	#/100mL	number/100milliliters
Fecal Coliform	fecal coliform acteria	CFU/mL	Colony Forming Units/milliliter
Fecal Strep	fecal strep bacteria	CFU/mL	Colony Forming Units/milliliter
Fecals	fecal bacteria	#/100mL	number/100milliliters
NH3-N	ammonia-nitrogen	mg/L	milligrams/liter
NO3+NO2	nitrate-nitrite-nitrogen	mg/L	milligrams/liter
O-PO4	ortho-phosphate	mg/L	milligrams/liter
Pb	lead	mg/L	milligrams/liter
pH	pH	range of 0-14	measure acid-base balance
TDS	total dissolved solids	mg/L	milligrams/liter
Temp	Temperature	°C	degrees Celsius
TKN	total nitrogen content/ total Kjeldahl nitrogen	mg/L	milligrams/liter
T-PO4	total phosphorus	mg/L	milligrams/liter
TS	total sulphur	mg/L	milligrams/liter
TSS	total suspended solids	mg/L	milligrams/liter
Turb	turbidity	NTU	Nephelometric Turbidity Units
Zn	Zinc	mg/L	milligrams/liter

Notes

Blanks indicate that sampling was attempted but conditions at sites prevented sample collection (e.g., streams were dry or flood conditions make site dangerous).

Willamette River Sampling Data

City of Salem

Wheatland Ferry

Site	Date	Time hr	Temp °C	pH	Cond uS/cm	Alk mg/L	Turb NTU	TS mg/L	TSS mg/L	TDS mg/L	NO3+NO2 mg/L	T-PO4 mg/L	NH3-N mg/L	DO mg/L	BOD5 mg/L	E.Coli #/100mL	DO Sat %
WR7108	7/7/2004 0:00	10:00 AM	20.6	7.03	75.1	27	2.9	74	5.2	69	0.26	0.054	0.08	9.03	0.71	10	100
WR7108	7/20/2004 0:00	10:12 AM	21.5	6.9	77.1	26	3.09	52	5.6	46.4	0.23	0.066	0.12	8.35	0.87	7	94
WR7108	8/11/2004 0:00	10:15 AM	22.3	7.2	74	28	2.84	65	5.2	60	0.2	0.057	0.08	8.81	0.69	5	101
WR7108	8/24/2004 0:00	10:18 AM	19.1	6.92	68	26	3.23	67	7.6	59	0.17	0.055	0.08	8.65	0.72	60	93
WR7108	9/8/2004 0:00	10:25 AM	18.6	6.94	69	25	2.16	64	5.2	59	0.08	0.063	0.04	9.19	0.69	9	98
WR7108	9/22/2004 0:00	10:20 AM	14.7	6.73	51	24	3.16	65	6	59	0.16	0.054	0.03	10.5	1.08	17	103
WR7108	10/5/2004 0:00	10:56 AM	16.2	6.98	75	27	3.95	79	8	71	0.14	0.058	0.1	9.35	0.55	10	95
WR7108	10/19/2004 0:00	10:45 AM	13.3	6.62	49	25	5.24	68	8.4	60	0.17	0.071	0.05	9.71	0.38	65	93
WR7108	11/9/2004 0:00	10:27 AM	10.1	6.83	41	25	4.65	57	5.6	51	0.2	0.056	0.08	10.66	1.78	22	95
WR7108	12/7/2004 0:00	10:40 AM	7.9	6.9	60	27	3.34	65	4.4	61	0.34	0.058	0.09	11.39	2	16	96
WR7108	1/25/2005 0:00	10:45 AM	7.7	6.87	60	26	3.79	71	4	67	0.47	0.049	0.12	11.48	1.42	6	96
WR7108	2/23/2005 0:00	10:25 AM	8.1	6.92	51	28	7.29	66	4.8	61	0.41	0.056	0.039	11.82	1.57	8	100
WR7108	3/29/2005 0:00	10:36 AM	8.8	6.71	38	19	44.7	121	65	56	0.78	0.165	0.1	10.93	2.86	488	94
WR7108	4/26/2005 0:00	10:35 AM	12.6	6.96	59	26	4.97	73	6.4	67	0.33	0.054	0.08	10.09	1.24	23	95
WR7108	5/17/2005 0:00	10:35 AM	13.3	6.88	61	26	8.45	81	9.2	72	0.35	0.072	0.06	9.87	0.96	98	94
WR7108	5/31/2005 0:00	10:30 AM	15.4	7.09	61	27	3.4	66	6	60	0.3	0.055	0.04	9.58	1.12	21	96
WR7108	6/7/2005 0:00	10:15 AM	12.9	6.98	54	25	4.76	62	7.2	55	0.19	0.051	0.05	10.01	1.29	147	95
WR7108	6/14/2005 0:00	10:35 AM	15.6	7	60	28	2.87	61	4	57	0.23	0.047	0.053	9.6	0.9	5	96

Count	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
Average	14.4	6.91	60	26	6.38	70	9.3	61	0.28	0.063	0.07	9.95	1.16	57	96		
Min	7.7	6.62	38	19	2.16	52	4.0	46	0.08	0.047	0.03	8.35	0.38	5	93		
Max	22.3	7.20	77	28	44.70	121	65.0	72	0.78	0.165	0.12	11.82	2.86	488	103		
Median	14.0	6.92	60	26	3.60	66	5.8	60	0.23	0.056	0.08	9.79	1.02	17	96		
StDev	4.7	0.14	12	2	9.70	15	14.0	7	0.16	0.026	0.03	1.01	0.61	114	3		
25th	10.7	6.87	52	25	3.11	64	5.2	58	0.18	0.054	0.05	9.23	0.71	8	94		
75th	18.0	6.98	69	27	4.92	73	7.5	66	0.34	0.062	0.09	10.62	1.39	51	98		

Willamette River Sampling Data

City of Salem

Spongs Landing

Site	Date	Time hr	Temp °C	pH	Cond uS/cm	Alk mg/L	Turb NTU	TS mg/L	TSS mg/L	TDS mg/L	NO3+NO2 mg/L	T-PO4 mg/L	NH3-N mg/L	DO mg/L	BOD5 mg/L	E.Coli #/100mL	DO Sat %
WR7707	7/7/2004 0:00	9:46 AM	20.4	6.98	99.6	32	1.7	101	4	97	0.36	0.14	0.8	8.9	1.6	5	99
WR7707	7/20/2004 0:00	9:57 AM	21.3	6.72	113	33	2.7	96	6.4	89.6	0.24	0.212	0.94	8.3	1.73	12	94
WR7707	8/11/2004 0:00	9:58 AM	22.2	6.91	122	35	3.19	96	4.4	92	0.25	0.188	0.74	8.63	1.6	8	99
WR7707	8/24/2004 0:00	10:00 AM	18.9	6.87	92	31	4.48	72	6.8	65	0.22	0.132	0.71	8.57	1.66	32	92
WR7707	9/8/2004 0:00	10:05 AM	18.6	6.93	109	32	2.81	93	5.2	88	0.14	0.243	0.71	9.07	1.41	10	97
WR7707	9/22/2004 0:00	10:00 AM	14.9	6.88	65	27	4.18	70	7.6	62	0.13	0.121	0.5	10.4	1.57	22	103
WR7707	10/5/2004 0:00	10:40 AM	15.9	7.08	75	26	3.96	80	9.2	71	0.12	0.064	0.15	9.37	0.8	10	95
WR7707	10/19/2004 0:00	10:25 AM	13.3	6.66	52	24	4.77	67	9.2	58	0.18	0.075	0.09	9.7	0.3	76	93
WR7707	11/9/2004 0:00	10:12 AM	10.2	6.86	44	23	4.44	59	5.2	54	0.19	0.052	0.08	10.66	1.5	16	95
WR7707	12/7/2004 0:00	10:20 AM	7.9	6.94	64	26	3.64	70	4	66	0.34	0.062	0.15	11.41	1.68	45	96
WR7707	1/25/2005 0:00	10:30 AM	7.7	6.9	62	25	4.15	68	4	64	0.5	0.053	0.12	11.5	1.5	4	96
WR7707	2/23/2005 0:00	10:05 AM	8	6.89	52	28	7.01	65	4.4	61	0.4	0.061	0.088	11.76	1.56	4	99
WR7707	3/29/2005 0:00	10:20 AM	9.1	6.71	39	19	43.6	124	59	65	0.75	0.157	0.09	10.97	2.71	435	95
WR7707	4/26/2005 0:00	10:15 AM	12.6	7.02	65	26	4.54	82	6.8	75	0.33	0.056	0.08	10.18	1.13	17	96
WR7707	5/17/2005 0:00	10:20 AM	13.1	6.82	58	26	8.67	78	10.4	68	0.35	0.068	0.05	9.92	1.01	120	94
WR7707	5/31/2005 0:00	10:15 AM	15.4	7.1	61	27	4.01	63	6.4	57	0.25	0.056	0.06	9.58	1.08	19	96
WR7707	6/7/2005 0:00	10:00 AM	13	7.02	62	25	4.99	74	7.2	67	0.18	0.044	0.02	10.05	1.15	249	95
WR7707	6/14/2005 0:00	10:15 AM	15.6	7.03	60	28	2.65	62	4	58	0.23	0.044	0.067	9.6	0.85	7	96

Count	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
Average	14.3	6.91	72	27	6.42	79	9.1	70	0.29	0.102	0.30	9.92	1.38	61	96		
Min	7.7	6.66	39	19	1.70	59	4.0	54	0.12	0.044	0.02	8.30	0.30	4	92		
Max	22.2	7.10	122	35	43.60	124	59.0	97	0.75	0.243	0.94	11.76	2.71	435	103		
Median	14.1	6.91	63	27	4.17	73	6.4	66	0.25	0.066	0.11	9.81	1.50	17	96		
StDev	4.7	0.12	25	4	9.42	17	12.6	13	0.15	0.063	0.32	1.04	0.51	111	3		
25th	10.8	6.86	59	25	3.30	67	4.4	61	0.18	0.056	0.08	9.15	1.09	9	95		
75th	17.9	7.01	88	30	4.71	90	7.5	74	0.35	0.138	0.66	10.60	1.60	42	97		

Willamette River Sampling Data

City of Salem

Willow Lake - WLTP of 15 feet

Site	Date	Time hr	Temp °C	pH	Cond uS/cm	Alk mg/L	Turb NTU	TS mg/L	TSS mg/L	TDS mg/L	NO3+NO2 mg/L	T-PO4 mg/L	NH3-N mg/L	DO mg/L	BOD5 mg/L	E.Coli #/100mL	DO Sat %
WR7805	7/7/2004 0:00	9:34 AM	20.3	6.88	375	93	3.47	226	3.6	222	1.15	1.19	9.36	7.82	7.07	0	86
WR7805	7/20/2004 0:00	9:45 AM	21.3	6.4	318.9	78	3.32	203	6.4	197	0.27	1.29	7.96	8.01	3.15	10	90
WR7805	8/11/2004 0:00	9:42 AM	22.2	6.5	336	81	4.4	195	5.2	190	0.27	1.16	7.4	8	4.05	4	92
WR7805	8/24/2004 0:00	9:50 AM	20.6	6.34	348	87	3.76	203	5.2	198	0.74	0.864	7.26	7.82	5.92	31	87
WR7805	10/5/2004 0:00	10:25 AM	15.8	7.09	67	27	4.4	73	10.4	63	0.12	0.063	0.13	9.33	0.78	15	94

Count	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Average	20.0	6.64	289	73	3.87	180	6.2	174	0.51	0.913	6.42	8.20	4.19	12	90		
Min	15.8	6.34	67	27	3.32	73	3.6	63	0.12	0.063	0.13	7.82	0.78	0	86		
Max	22.2	7.09	375	93	4.40	226	10.4	222	1.15	1.290	9.36	9.33	7.07	31	94		
Median	20.6	6.50	336	81	3.76	203	5.2	197	0.27	1.160	7.40	8.00	4.05	10	90		
StDev	2.5	0.33	126	26	0.51	61	2.6	63	0.43	0.501	3.61	0.64	2.45	12	3		
25th	20.3	6.40	319	78	3.47	195	5.2	190	0.27	0.864	7.26	7.82	3.15	4	87		
75th	21.3	6.88	348	87	4.40	203	6.4	198	0.74	1.190	7.96	8.01	5.92	15	92		

Willamette River Sampling Data

City of Salem

Sunset Park

Site	Date	Time hr	Temp °C	pH	Cond uS/cm	Alk mg/L	Turb NTU	TS mg/L	TSS mg/L	TDS mg/L	NO3+NO2 mg/L	T-PO4 mg/L	NH3-N mg/L	DO mg/L	BOD5 mg/L	E.Coli #/100mL	DO Sat %
WR8104	7/7/2004 0:00	9:20 AM	20.4	7.11	73	27	2	86	3.6	82	0.15	0.045	0.02	8.81	0.67	19	98
WR8104	7/20/2004 0:00	9:34 AM	21.1	6.89	73.7	27	2.54	80	5.6	74.4	0.16	0.049	0.05	8.29	0.72	33	93
WR8104	8/11/2004 0:00	9:30 AM	22	7.1	72	28	3.91	63	6	57	0.18	0.046	0.05	8.59	0.67	16	98
WR8104	8/24/2004 0:00	9:35 AM	18.7	6.99	65	35	3.24	61	6.8	54	0.15	0.047	0.02	8.7	0.52	105	93
WR8104	9/8/2004 0:00	9:38 AM	18.3	6.92	66	25	2.47	56	5.2	51	0.1	0.046	0	9.06	0.64	25	96
WR8104	9/22/2004 0:00	9:40 AM	14.6	6.92	48	23	3.37	56	6	50	0.15	0.048	0.01	10.14	1	24	100
WR8104	10/5/2004 0:00	9:55 AM	15.7	7.02	70	26	4.08	74	10.4	64	0.11	0.048	0.02	9.2	0.75	112	93
WR8104	10/19/2004 0:00	9:55 AM	13.1	6.69	47	24	4.75	59	8	51	0.19	0.062	0.04	9.69	0.32	60	92
WR8104	11/9/2004 0:00	9:50 AM	10.1	6.88	41	24	4.58	61	5.2	56	0.18	0.044	0.03	10.68	1.26	21	95
WR8104	12/7/2004 0:00	9:55 AM	7.9	6.86	60	26	4.18	64	3.6	60	0.44	0.048	0.06	11.43	1.84	41	96
WR8104	1/25/2005 0:00	10:10 AM	7.7	6.92	59	25	4.08	62	4.4	58	0.61	0.043	0.05	11.59	1.62	7	97
WR8104	2/23/2005 0:00	9:45 AM	7.9	6.84	49	27	6.76	66	4.8	61	0.42	0.047	0	11.72	1.52	14	99
WR8104	3/29/2005 0:00	10:00 AM	9	6.65	39	19	41.9	125	54	71	0.85	0.149	0.09	10.96	2.66	613	95
WR8104	4/26/2005 0:00	9:55 AM	12.6	6.91	58	25	5.1	75	6.8	68	0.42	0.053	0.06	10.04	1.08	53	94
WR8104	5/17/2005 0:00	10:00 AM	13.2	6.81	58	26	8.1	81	9.2	72	0.41	0.06	0.04	9.87	1.03	228	98
WR8104	5/31/2005 0:00	9:50 AM	15.4	7.18	60	26	4.05	64	4.4	60	0.28	0.051	0.01	9.61	1.09	45	96
WR8104	6/7/2005 0:00	9:40 AM	12.8	7	52	25	4.63	63	7.6	55	0.16	0.042	0	10	1.04	261	94
WR8104	6/14/2005 0:00	9:50 AM	15.4	7.04	59	27	3.86	68	4.8	63	0.18	0.04	0	9.54	0.79	34	95

Count	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
Average	14.2	6.93	58	26	6.31	70	8.7	62	0.29	0.054	0.03	9.88	1.07	95	96		
Min	7.7	6.65	39	19	2.00	56	3.6	50	0.10	0.040	0.00	8.29	0.32	7	92		
Max	22.0	7.18	74	35	41.90	125	54.0	82	0.85	0.149	0.09	11.72	2.66	613	100		
Median	13.9	6.92	59	26	4.08	64	5.8	60	0.18	0.048	0.03	9.78	1.02	38	96		
StDev	4.6	0.14	11	3	9.00	16	11.5	9	0.20	0.024	0.03	1.05	0.56	148	2		
25th	10.7	6.87	50	25	3.49	61	4.8	55	0.15	0.045	0.01	9.10	0.68	22	94		
75th	17.7	7.02	66	27	4.72	75	7.4	67	0.42	0.051	0.05	10.55	1.22	94	98		

Willamette River Sampling Data

City of Salem

Rail Road Bridge

Site	Date	Time hr	Temp °C	pH	Cond uS/cm	Alk mg/L	Turb NTU	TS mg/L	TSS mg/L	TDS mg/L	NO3+NO2 mg/L	T-PO4 mg/L	NH3-N mg/L	DO mg/L	BOD5 mg/L	E.Coli #/100mL	DO Sat %
WR8303	7/7/2004 0:00	8:53 AM	20.1	6.89	74.7	27	2.05	86	4	82	0.23	0.046		8.63	0.55	2	95
WR8303	7/20/2004 0:00	9:06 AM	21.1	6.98	74.8	27	2.36	78	5.2	72.8	0.21	0.046		8.22	0.73	7	92
WR8303	8/11/2004 0:00	9:00 AM	21.7	6.95	74	28	3.25	61	6	55	0.11	0.045		8.44	0.6	7	96
WR8303	8/24/2004 0:00	9:07 AM	18.7	6.95	68	26	4.18	64	8	56	0.13	0.045		8.6	0.52	34	92
WR8303	9/8/2004 0:00	9:08 AM	18.1	6.96	67	27	2.23	64	4.4	60	0.1	0.045		8.94	0.47	9	95
WR8303	9/22/2004 0:00	9:10 AM	14.9	6.9	51	24	2.87	58	6	52	0.13	0.05		10.2	0.77	31	101
WR8303	10/5/2004 0:00	9:25 AM	15.9	6.95	73	27	3.6	75	7.2	68	0.12	0.051		9.2	0.85	10	93
WR8303	10/19/2004 0:00	9:25 AM	13.5	6.65	49	25	4	63	8.4	55	0.17	0.06		9.64	0.38	64	92
WR8303	11/9/2004 0:00	9:20 AM	10.6	6.77	42	24	4.34	59	5.2	54	0.18	0.046		10.72	1.15	12	96
WR8303	12/7/2004 0:00	9:15 AM	8.1	6.91	60	26	4.38	65	3.2	62	0.28	0.044		11.49	1.86	12	97
WR8303	1/25/2005 0:00	9:30 AM	8.16	6.69	59	25	4.15	58	4.4	54	0.45	0.045	0.04	11.58	1.5	9	98
WR8303	2/23/2005 0:00	9:05 AM	8.5	6.82	51	28	7.18	88	4.8	83	0.37	0.052	0	11.64	1.38	5	99
WR8303	3/29/2005 0:00	9:25 AM	9.2	6.62	39	20	45.2	127	61	66	0.7	0.161	0.09	10.98	2.72	488	95
WR8303	4/26/2005 0:00	9:20 AM	12.9	6.74	59	25	4.82	83	6.4	77	0.31	0.05	0.06	10.01	1.02	14	95
WR8303	5/17/2005 0:00	9:30 AM	13.2	6.71	58	27	7.46	75	9.6	65	0.31	0.063	0.05	9.83	0.83	51	94
WR8303	5/31/2005 0:00	9:20 AM	15.2	6.96	61	26	3.91	66	6.4	60	0.28	0.047	0.02	9.53	0.98	23	95
WR8303	6/7/2005 0:00	9:05 AM	13.1	6.96	53	24	4.96	62	8.8	53	0.11	0.045	0	10.03	0.92	156	95
WR8303	6/14/2005 0:00	9:15 AM	15.7	6.9	60	27	2.98	67	4.4	63	0.22	0.04	0	9.52	0.67	13	96

Count	18	18	18	18	18	18	18	18	18	18	18	8	18	18	18	18	18
Average	14.4	6.85	60	26	6.33	72	9.1	63	0.25	0.055	0.03	9.84	0.99	53	95		
Min	8.1	6.62	39	20	2.05	58	3.2	52	0.10	0.040	0.00	8.22	0.38	2	92		
Max	21.7	6.98	75	28	45.20	127	61.0	83	0.70	0.161	0.09	11.64	2.72	488	101		
Median	14.2	6.90	60	26	4.08	66	6.0	61	0.22	0.046	0.03	9.74	0.84	13	95		
StDev	4.4	0.12	11	2	9.81	17	13.1	10	0.15	0.027	0.03	1.09	0.58	115	2		
25th	11.2	6.75	52	25	3.05	62	4.5	55	0.13	0.045	0.00	9.01	0.62	9	94		
75th	17.6	6.95	68	27	4.71	77	7.8	68	0.30	0.051	0.05	10.59	1.12	33	96		

Willamette River Sampling Data

City of Salem

Mill Creek

Site	Date	Time hr	Temp °C	pH	Cond uS/cm	Alk mg/L	Turb NTU	TS mg/L	TSS mg/L	TDS mg/L	NO3+NO2 mg/L	T-PO4 mg/L	NH3-N mg/L	DO mg/L	BOD5 mg/L	E.Coli #/100mL	DO Sat %
WR8310	7/7/2004 0:00	9:10 AM	18.3	7.12	56	23	5.46	69	8.8	60	0.33	0.046		9.26	0.69	387	98
WR8310	7/20/2004 0:00	9:20 AM	19.4	7.04	58.2	24	4.36	63	6	57	0.26	0.044		8.96	0.66	276	97
WR8310	8/11/2004 0:00	9:15 AM	20.8	7.13	62	26	6.46	70	14	56	0.23	0.054		8.68	0.71	387	97
WR8310	8/24/2004 0:00	9:25 AM	17	7.09	55	28	4.87	60	5.2	55	0.34	0.046		9.3	0.57	727	96
WR8310	9/8/2004 0:00	9:30 AM	16.2	6.97	51	22	3.57	56	4	52	0.18	0.038		9.45	0.68	579	96
WR8310	9/22/2004 0:00	9:30 AM	13.3	6.93	46	21	5.31	59	4.4	55	0.52	0.034		10.8	0.96	299	103
WR8310	10/5/2004 0:00	9:45 AM	14.7	7.02	60	25	4.61	73	6	67	0.18	0.038		9.61	0.83	687	95
WR8310	10/19/2004 0:00	9:45 AM	12.4	6.65	50	25	4.6	64	2.8	61	0.77	0.047		10.05	0.6	308	94
WR8310	11/9/2004 0:00	9:40 AM	9.8	6.96	55	25	4.92	71	3.6	67	1.41	0.065		10.91	1.88	178	96
WR8310	12/7/2004 0:00	9:40 AM	7.9	6.95	80	25	17.5	103	13.6	89	2.61	0.095		11.57	2.43	727	97
WR8310	1/25/2005 0:00	9:55 AM	7.7	6.95	74	26	4.98	73	4	69	2.46	0.037	0.02	11.76	1.23	190	99
WR8310	2/23/2005 0:00	9:30 AM	7.1	6.94	51	25	3.52	61	2.8	58	1.62	0.029	0	12.36	1.56	308	102
WR8310	4/26/2005 0:00	9:45 AM	12.5	6.98	74	24	6.39	83	6	77	1.72	0.053	0.05	10.07	1.16	261	94
WR8310	5/17/2005 0:00	9:50 AM	12.8	6.8	69	28	10.8	84	10	74	1.71	0.059	0.03	10.24	1.11	1986	97
WR8310	5/31/2005 0:00	9:40 AM	15	7.16	63	25	6.41	68	7.6	60	1.33	0.043	0.01	9.71	0.97	980	96
WR8310	6/7/2005 0:00	9:30 AM	12.3	7	59	25	7.94	70	8.4	62	0.95	0.059	0	10.15	1.34	921	95
WR8310	6/14/2005 0:00	9:35 AM	15.1	7.06	64	27	5.56	71	6.4	65	0.65	0.054	0	9.55	0.83	194	95

Count	17	17	17	17	17	17	17	17	17	17	17	17	7	17	17	17	17
Average	13.7	6.99	60	25	6.31	70	6.7	64	1.02	0.049	0.02	10.14	1.07	553	97		
Min	7.1	6.65	46	21	3.52	56	2.8	52	0.18	0.029	0.00	8.68	0.57	178	94		
Max	20.8	7.16	80	28	17.50	103	14.0	89	2.61	0.095	0.05	12.36	2.43	1986	103		
Median	13.3	6.98	59	25	5.31	70	6.0	61	0.77	0.046	0.01	10.05	0.96	387	96		
StDev	4.0	0.12	9	2	3.36	11	3.4	9	0.80	0.015	0.02	1.03	0.50	451	2		
25th	12.3	6.95	55	24	4.61	63	4.0	57	0.33	0.038	0.00	9.45	0.69	276	95		
75th	16.2	7.06	64	26	6.41	73	8.4	67	1.62	0.054	0.03	10.80	1.23	727	97		