

Wiyot Tribe  
Water Quality Monitoring Program  
Chemical/Toxic Sample Results Summary

Sample Site	Date	Sample Medium			Sample Analysis Results												
		Water Column	Sediment	Tissue	Coliform		Total Nitrogen (mg/L)	Total Phosphorus (mg/L)	TSS (mg/L)	Dioxin	PCBs	TPHCs				Priority Metals	SVOCs (ug/L)
					Total (Coliform/100ml)	Fecal (Coliform/100ml)						Gasoline (ug/L)	Diesel (ug/L)	Oil (ug/L)			
McNulty Slough	5/4/2005	X			300	50	1.2	0.12					ND	ND	ND	ND	
McNulty Slough	8/19/2005	X			300	60	1.3						ND	ND	ND	ND	
McNulty Slough	12/2/2005	X			≥1600	1600	ND	0.087					ND	ND	ND	ND	
McNulty Slough	3/17/2006	X			≥1600	900	1.4	ND					ND	ND	ND	ND	
McNulty Slough	7/20/2006	X			50	17	ND	0.022					ND	ND	ND	ND	
McNulty Slough	11/3/2006	X			170	110	ND	0.18	16				ND	ND	ND	ND	
Bay Entrance	5/19/2005	X							58								
Bay Entrance	8/19/2005	X							31								
Bay Entrance	12/2/2005	X							34								
Bay Entrance	3/16/2006	X			900	4	ND	0.11	83								
Bay Entrance	7/21/2006	X			4	<2	ND	0.069	8.4			ND					ND
Bay Entrance	11/2/2006	X			<2	<2	ND	0.051	5.4			X					
Indian Island	5/19/2005	X					ND	0.059	62								ND
Indian Island	8/19/2005	X					ND	0.14	25								ND
Indian Island	12/2/2005	X					ND	0.11	41								ND
Indian Island	3/16/2006	X			300	23	ND	0.12	57								ND
Indian Island	7/21/2006	X			30	4	ND	0.077	12								ND
Indian Island	11/2/2006	X			<2	<2	ND	0.058	6.2			ND					ND
Mad River Slough	5/19/2005	X							55								ND
Mad River Slough	8/19/2005	X							39								ND
Mad River Slough	12/2/2005	X							23			ND					ND
Mad River Slough	3/16/2006	X			240	14	ND	0.12	42								ND
Mad River Slough	7/20/2006	X			2	2	ND	0.15	14								ND
Mad River Slough	11/2/2006	X			23	13	ND	0.075	7			ND					
Reservation Wetland	5/4/2005	X			240	ND	ND										
Reservation Wetland well 1	3/23/2006	X			≥1600	<2	1.3	0.13									
Reservation Wetland well 1	7/20/2006	X			11	<2	ND	0.052									
Reservation Wetland well 1	11/3/2006	X			≥1600	<2	1	0.11									
Reservation Wetland well 2	3/17/2006	X			9	<2	ND	0.033									
Reservation Wetland well 2	7/20/2006	X			<2	<2	1.3	ND									
Reservation Wetland well 2	11/3/2006	X			<2	<2	1.7	0.93									
PCBs	Poly Chlorinated Biphenols				TPHCs				Total Petroleum Hydrocarbons								
SVOCs	Semi Volatile Organic Compounds				TSS				Total Suspended Solids								
ND = Not Detected																	
Sample Analysis Results Highlighted in GREEN indicate an exceedance of federal, state, or regional criteria																	

SVOCs:	Phenol	2,4-Dinitrotoluene	Priority Metals:	Antimony
	2-Chlorophenol	Diethyl phthalate		Arsenic
	Bis(2-chloroethyl)ether	Fluorene		Beryllium
	1,3-Dichlorobenzene	4-Chlorophenyl phenyl ether		Cadmium
	1,4-Dichlorobenzene	4,6-Dinitro-2-methylphenol		Chromium
	1,2-Dichlorobenzene	N-Nitrosodiphenylamine		Copper
	Bis(2-chloroisopropyl)ether	4-Bromophenyl phenyl ether		Lead
	N-Nitrosodi-n-propylamine	Hexachlorobenzene		Mercury
	Hexachloroethane	Pentachlorophenol		Nickel
	Nitrobenzene	Phenanthrene		Selenium
	Isophorone	Anthracene		Silver
	2-Nitrophenol	Di-n-butyl phthalate		Thallium
	2,4-Dichlorophenol	Fruoranthene		Zinc
	1,2,4-Trichlorobenzene	Pyrene	PCBs:	Aroclor 1016
	Naphthalene	Butyl benzyl phthalate		Aroclor 1221
	Hexachlorobutadiene	Benzo(a)anthracene		Aroclor 1232
	4-Chloro-3-methylphenol	3,3'-Dichlorobenzidine		Aroclor 1242
	Hexachlorocyclopentadiene	Chryses		Aroclor 1248
	2,4,6-Trichlorophenol	Bis(2-ethylhexyl)phthalate		Aroclor 1254
	2-Chloronaphthalene	Ni-n-octyl phthalate		Aroclor 1260
	Dimethyl phthalate	Benzo(b)fluoranthene		
	Acenaphthylene	Benzo(k)fluoranthene		
	2,6-Dinitrotoluene	Benzo(a)pyrene		
	Acenaphthene	Indeno(1,2,3-cd)pyrene		
	2,4-Dinitrophenol	Dibenz(a,h)anthracene		
	4-Nitrophenol	Benzo(g,h,i)perylene		

### Reservation Wetland Surface Data Summary

Date	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU
12/3/2004	0.01	0.00			0.01	
12/10/2004	0.52	0.00			0.29	
12/17/2004	0.05	0.00	0.00	0.85	0.31	9.27
12/22/2004	0.11	0.00	0.00	0.29	0.20	7.56
12/29/2004	0.02	0.00	0.00	0.09	0.09	0.28
1/7/2005	0.01	0.00	0.00	0.15	0.31	1.38
1/14/2005	0.03	0.00	0.00	0.32	0.36	1.50
1/21/2005	0.04	0.00	0.00	0.17	0.27	0.63
1/27/2005	0.01	0.00	0.00	0.12	0.09	0.65
2/10/2005	0.00	0.00	0.00	0.02	0.01	1.13
2/18/2005	0.01	0.00	0.00	0.07	0.11	0.17
2/25/2005	0.01	0.02	0.01	0.15	0.14	0.93
3/3/2005	0.02	0.00	0.00	0.06	0.13	0.15
3/18/2005	0.02	0.01	0.01	0.26	0.15	0.65
3/28/2005	0.02	0.01	0.01	0.05	0.16	0.38
4/4/2005	0.02	0.00	0.00	0.10	0.24	3.11
4/15/2005	0.04	0.00	0.00	0.10	0.32	0.20
4/22/2005	0.03	0.01	0.01	0.09	0.20	0.12
5/4/2005	0.01	0.00	0.00	0.44	0.20	5.24
5/13/2005	0.08	0.00	0.00	0.13	0.10	13.25
5/20/2005	0.02	0.00	0.00	0.02	0.05	2.51
6/3/2005	0.01	0.01	0.01	0.20	0.16	0.97
6/29/2005	0.01	0.00	0.00	0.07	0.13	1.41
1/13/2006	0.06	0.02	0.01	0.73	0.17	4.10
1/26/2006	0.02	0.00	0.00	0.15	0.05	6.43
2/13/2006	0.04	0.00	0.00	0.15	0.08	5.57
2/27/2006	0.04	0.00	0.00	0.87	0.18	1.56
Mean	0.046	0.004	0.002	8.000	0.167	2.767

### Reservation Wetland Well 1 Data Summary

Date	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU
3/23/2006	10.17	0.12	0.05	9.86	6.65	44.30
3/31/2006	10.62	0.12	0.06	5.74	6.16	42.58
4/28/2006	11.75	0.12	0.06	7.15	6.92	13.31
5/12/2006	12.91	0.13	0.06	9.62	7.06	5.99
5/26/2006	13.04	0.12	0.06	6.43	6.83	8.72
6/23/2006	14.00	0.11	0.05	6.47	6.48	11.93
7/20/2006	14.44	0.12	0.06	6.23	6.51	201.40
8/4/2006	14.12	0.11	0.05	8.45	6.93	22.77
8/18/2006	14.28	0.12	0.06	5.65	7.17	13.84
9/8/2006	14.01	0.11	0.05	4.35	6.13	30.25
9/27/2006	13.51	0.12	0.06	4.04	6.15	8.41
11/3/2006	12.40	0.12	0.06	4.00	6.00	48.79
11/17/2006	12.21	0.14	0.06	2.48	5.92	9.29
12/1/2006	11.59	0.19	0.09	2.59	5.96	14.90
12/8/2006	11.32	0.14	0.07	2.70	5.71	34.81
12/22/2006	10.76	0.19	0.07	2.70	5.86	19.76
Mean	12.571	0.130	0.060	5.528	6.403	33.191

### Reservation Wetland Well 2 Data Summary

Date	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU
3/17/2006	12.44	0.07	0.03	12.23	7.10	9.68
3/31/2006	12.51	0.07	0.03	13.20	6.91	0.20
4/28/2006	12.75	0.07	0.03	11.62	6.74	5.80
5/12/2006	13.54	0.07	0.03	11.83	6.70	4.72
5/26/2006	14.42	0.08	0.04	10.89	6.72	4.24
6/23/2006	14.68	0.10	0.05	10.61	7.05	6.09
7/20/2006	14.96	0.08	0.04	10.65	6.68	41.76
8/4/2006	15.58	0.12	0.05	12.91	7.63	4.52
8/18/2006	14.96	0.09	0.04	10.09	6.79	2.33
9/8/2006	14.60	0.08	0.04	9.68	6.03	18.91
9/27/2006	14.33	0.08	0.04	9.16	6.14	10.82
11/3/2006	13.46	0.10	0.04	9.64	6.13	397.06
11/17/2006	13.22	0.09	0.04	8.72	6.14	38.65
12/1/2006	12.64	0.09	0.04	6.89	6.10	2.14
12/8/2006	12.62	0.08	0.04	6.91	6.01	7.83
12/22/2006	11.27	0.13	0.04	6.91	5.84	1.45
Mean	13.624	0.088	0.039	10.122	6.545	34.763

### Mad River Slough Data Summary

Date	Temp. C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU
12/3/2004	8.43	50.69			8.03	2.92
12/17/2005	10.93	44.72	28.80	8.30	7.76	9.17
12/29/2004	9.72	45.95	29.61	9.34	7.80	4.33
1/14/2005	8.73	40.67	25.83	9.83	7.87	6.78
1/28/2005	10.65	44.33	28.51	9.32	7.83	25.00
2/10/2005	10.74	46.93	30.38	9.51	7.90	5.52
2/25/2005	12.32	46.39	30.06	8.54	7.83	3.94
3/17/2005	13.81	46.05	29.87	7.67	7.82	6.82
3/25/2005	13.03	42.14	27.05	10.43	7.91	7.29
4/11/2005	14.12	36.32	22.98	9.52	7.85	8.87
4/22/2005	15.42	44.50	28.79	8.98	7.98	6.95
5/6/2005	17.21	47.46	30.95	9.13	7.90	7.59
5/19/2005	16.33	43.18	27.85	8.19	7.87	9.92
6/3/2005	17.09	48.28	31.54	6.01	7.92	8.16
7/1/2005	18.13	48.64	31.81	6.94	7.97	6.01
7/8/2005	19.54	49.60	32.52	7.84	8.10	7.38
7/22/2005	18.86	51.42	33.85	7.06	7.88	8.53
8/5/2005	20.51	49.93	32.75	7.71	7.75	6.60
8/19/2005	17.50	51.45	33.87	7.95	7.81	7.90
9/2/2005	18.82	50.70	33.32	7.86	7.91	6.23
9/16/2004	17.30	50.40	33.09	6.99	7.76	9.98
9/30/2005	16.63	49.24	32.24	8.79	8.10	5.20
10/14/2005	15.28	51.28	33.71	9.01	8.23	-2.37
10/28/2005	13.58	50.56	33.13	7.90	8.07	-1.72
11/4/2005	12.76	49.44	32.28	8.18	8.02	-1.30
11/18/2005	12.28	46.72	30.29	9.60	7.99	-2.83
12/2/2005	10.21	40.44	25.74	8.27	7.80	6.86
12/16/2005	9.07	45.16	29.01	9.08	7.98	0.47
12/30/2005	11.37	30.84	19.15	9.28	7.84	54.44
1/13/2006	11.13	35.38	22.26	8.41	7.80	30.84
1/26/2006	9.16	37.55	23.68	8.64	7.94	8.37
2/10/2006	12.05	35.94	22.67	9.52	7.95	9.05
2/24/2006	9.47	45.21	29.07	8.94	8.02	3.04
3/10/2006	7.77	32.73	20.30	9.79	7.84	7.90
3/16/2006	9.07	33.41	20.82	10.42	7.92	23.89
4/14/2006	15.13	40.03	25.60	9.63	8.04	4.84
4/28/2006	14.94	43.78	28.26	8.73	7.98	10.34
5/12/2006	17.02	48.02	31.35	8.97	8.06	8.14
5/26/2006	17.22	47.42	30.92	8.29	7.91	8.75
6/9/2006	18.84	47.13	30.71	7.73	8.02	6.77
6/23/2006	18.97	49.06	32.12	8.19	8.02	6.06
7/7/2006	17.32	49.55	32.47	7.35	7.82	6.55
7/20/2006	19.96	49.90	32.73	6.86	7.79	8.12
8/4/2006	19.13	50.41	33.11	8.08	7.81	4.98
8/18/2006	18.39	52.09	34.34	7.31	8.00	4.26
9/8/2006	16.28	51.91	34.19	8.08	8.04	3.47
9/22/2006	15.77	51.18	33.64	8.82	8.23	4.82
10/6/2006	14.77	52.10	34.29	7.94	8.14	2.97

### Mad River Slough Data Summary

Date	Temp. C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity NTU
10/20/2006	15.15	51.54	33.90	8.46	8.13	0.73
11/2/2006	13.28	50.54	33.10	8.75	8.19	1.75
11/17/2006	12.06	47.60	30.92	8.85	8.08	0.92
12/1/2006	9.48	44.96	28.89	9.23	8.15	3.06
12/8/2006	9.87	47.97	31.07	9.06	8.04	2.27
12/22/2006	9.09	42.16	31.07	9.06	7.95	5.69
Mean	14.105	45.944	29.820	8.535	7.951	7.448

### McNulty Slough Data Summary

Date	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU
12/3/2004	7.42	46.05			7.78	10.15
12/17/2004	10.85	34.09	21.36	8.11	7.40	10.87
12/29/2004	9.01	27.87	17.08	7.71	7.16	9.53
1/28/2005	9.59	6.25	3.42	10.33	7.66	65.15
2/10/2005	8.95	25.75	15.67	9.49	7.53	14.54
2/25/2005	12.07	5.81	3.16	8.14	7.40	17.54
3/18/2005	18.94	19.32	11.53	9.12	7.49	21.29
3/25/2005	11.50	6.53	3.59	6.73	7.41	25.53
4/8/2005	11.15	2.72	1.42	9.40	7.70	48.94
4/22/2005	17.25	4.77	2.57	4.80	7.60	44.00
5/4/2005	17.66	17.81	10.56	7.98	7.89	17.00
5/20/2005	18.68	3.30	1.73	7.98	7.81	54.95
6/3/2005	16.75	12.35	7.11	3.52	7.57	33.05
6/29/2005	24.91	24.75	15.04	10.61	8.39	15.10
7/8/2005	23.32	30.75	19.11	12.34	8.54	22.69
7/22/2005	21.06	35.76	22.60	6.23	8.00	15.84
8/5/2005	19.84	37.64	23.92	5.72	7.89	13.91
8/19/2005	18.54	35.21	22.23	7.07	7.91	8.41
9/2/2005	17.09	35.38	22.35	2.72	7.66	23.00
9/16/2005	14.69	40.51	25.93	6.24	7.97	24.61
9/30/2005	16.74	47.45	30.93	5.08	7.80	18.01
10/14/2005	14.22	48.51	31.66	6.57	7.92	2.70
10/28/2005	12.21	46.67	30.26	6.89	7.87	3.54
11/4/2005	12.10	47.23	30.66	6.87	7.62	1.89
11/18/2005	11.35	45.88	29.65	9.55	7.96	4.75
12/2/2005	9.72	19.11	11.35	8.63	7.62	11.79
12/16/2005	8.74	40.69	25.84	8.56	7.76	7.14
12/30/2005	11.40	0.56	0.27	9.94	7.68	314.13
1/13/2006	9.86	7.34	4.06	8.49	7.54	29.33
1/26/2006	8.97	15.88	9.28	9.49	7.83	29.93
2/10/2006	14.19	12.37	7.12	9.90	7.56	67.14
2/24/2006	12.26	26.96	16.55	8.87	7.96	20.43
3/10/2006	8.54	22.89	13.78	10.42	7.89	33.34
3/17/2006	8.16	2.93	1.53	10.33	7.11	25.88
4/14/2006	15.83	8.79	4.93	7.33	7.32	25.01
4/28/2006	15.45	6.34	3.48	5.49	7.30	46.22
5/12/2006	14.23	8.09	4.51	6.85	7.85	35.80
5/26/2006	17.34	33.01	20.71	6.28	7.83	18.13
6/9/2006	16.08	36.58	23.18	5.54	7.81	22.48
6/23/2006	16.14	43.11	27.80	6.93	7.89	13.84
7/7/2006	17.41	36.74	23.30	6.14	7.69	22.56
7/20/2006	18.14	44.73	28.98	3.34	7.80	13.11
8/4/2006	20.07	48.43	31.66	7.97	7.80	14.37
8/18/2006	18.12	50.67	33.30	3.70	7.60	9.84
9/8/2006	17.07	50.63	33.26	5.94	7.93	9.13
9/22/2006	13.81	49.87	32.63	8.04	7.92	8.46
10/6/2006	13.87	49.70	32.51	7.28	7.66	16.85
10/20/2006	15.91	48.25	31.51	5.23	8.03	11.37

### McNulty Slough Data Summary

Date	Temp. C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU
11/3/2006	14.53	47.00	30.57	5.55	7.80	11.80
11/17/2006	12.20	38.73	24.62	8.15	7.82	8.34
12/1/2006	10.79	32.82	20.49	8.94	7.97	21.28
12/8/2006	8.80	47.97	30.99	7.79	7.70	8.23
12/22/2006	9.78	34.47	30.99	7.79	7.61	11.57
Mean	14.214	29.302	18.514	7.464	7.740	26.311



### Bay Entrance Data Summary

Date	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU
12/3/2004	9.56	52.11			7.86	4.20
12/17/2004	11.35	49.93	32.57	10.01	7.99	8.80
12/29/2004	11.29	49.09	31.96	9.68	8.01	2.80
1/14/2005	10.95	48.63	31.61	9.66	8.03	1.50
1/28/2005	11.85	47.96	31.17	9.55	8.00	25.00
2/10/2005	10.97	50.04	32.63	8.83	7.95	3.90
2/25/2005	11.81	47.86	31.10	9.63	8.02	7.00
3/15/2005	11.94	50.11	32.73	8.60	7.96	4.60
3/25/2005	12.01	46.05	29.80	10.42	8.06	7.90
4/11/2005	11.38	49.84	32.51	9.45	7.98	18.20
4/22/2005	8.82	52.37	34.17	4.65	7.68	8.30
5/6/2005	11.60	51.10	33.44	9.38	7.96	2.00
5/19/2005	13.47	49.23	32.16	9.97	8.09	5.40
6/3/2005	9.24	52.07	33.99	5.14	7.69	6.30
7/1/2005	9.64	51.22	33.40	5.86	7.81	5.00
7/8/2005	10.41	51.11	33.37	8.74	8.03	1.70
7/22/2005	11.64	51.76	33.92	8.74	7.91	1.70
8/5/2005	10.76	51.09	33.38	7.35	7.77	4.30
8/19/2005	10.56	51.23	33.47	7.28	7.77	1.70
9/2/2005	10.70	50.31	32.81	6.69	7.70	5.70
9/16/2005	10.93	50.28	32.81	8.03	7.81	3.20
9/30/2005	10.24	49.28	32.04	5.10	7.82	5.50
10/14/2005	10.83	50.90	33.25	8.19	7.90	-1.20
10/28/2005	11.59	51.36	33.62	8.29	7.95	-2.90
11/4/2005	11.87	51.23	33.55	9.06	7.98	5.10
11/18/2005	10.98	51.61	33.77	7.91	7.89	-2.50
12/2/2005	11.21	47.57	30.86	8.49	8.02	9.00
12/16/2005	10.46	50.01	32.57	8.47	7.98	1.80
1/13/2006	12.16	45.99	29.77	8.87	8.09	18.60
1/26/2006	10.92	46.03	29.74	9.34	8.08	11.00
2/10/2006	11.20	44.29	28.51	9.38	8.00	0.50
2/24/2006	9.13	50.41	32.77	5.42	7.74	7.40
3/16/2006	10.04	45.27	29.15	9.94	8.01	18.30
4/14/2006	11.62	47.99	31.18	9.56	8.05	3.70
4/28/2006	9.15	50.49	32.84	6.06	7.79	10.10
5/12/2006	8.68	51.12	33.25	6.40	7.72	4.70
5/26/2006	12.05	47.66	30.97	9.55	8.02	1.30
6/9/2006	9.98	49.05	31.85	6.81	7.79	2.80
6/23/2006	9.30	50.08	32.55	6.78	7.68	7.00
7/7/2006	10.80	49.69	32.37	8.74	7.92	0.90
7/21/2006	10.03	49.89	32.46	7.51	7.80	2.30
8/4/2006	10.80	49.93	32.54	10.01	7.84	5.16
8/18/2006	10.51	51.67	33.78	5.89	7.85	1.24
9/8/2006	11.55	51.82	33.96	8.36	8.20	0.80
9/22/2006	9.97	51.02	33.28	7.97	7.92	9.18
10/6/2006	11.17	51.93	34.01	7.70	8.06	-0.79
10/20/2006	10.99	51.90	33.98	6.42	7.87	4.97
11/2/2006	11.00	50.44	32.92	7.97	8.00	-1.12

### Bay Entrance Data Summary

Date	Temp °C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity NTU
11/17/2006	12.13	50.94	33.35	8.85	8.17	0.23
12/1/2006	11.19	50.98	33.33	6.88	8.05	4.28
12/8/2006	10.67	51.20	33.45	8.70	8.01	3.95
12/22/2006	11.43	49.71	33.45	8.70	8.08	7.14
Mean	10.856	49.901	32.512	8.137	7.930	5.147

### Indian Island Data Summary

Date	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU
12/3/2004	9.18	51.51			7.93	3.05
12/17/2004	11.37	46.75	30.28	8.92	7.88	4.71
12/29/2004	10.85	48.98	31.86	9.16	7.91	3.25
1/14/2005	9.95	46.11	29.74	9.73	7.97	5.75
1/28/2005	11.68	47.04	30.50	9.01	7.91	7.15
2/10/2005	10.87	49.61	32.31	8.94	7.91	13.95
2/25/2005	12.07	48.03	31.23	9.07	7.94	4.92
3/15/2005	13.59	48.42	31.57	8.38	7.93	2.92
3/25/2005	12.33	44.51	28.72	9.42	7.93	12.01
4/11/2005	12.55	39.70	25.31	9.21	7.84	12.39
4/22/2005	13.03	47.27	30.72	8.70	7.84	7.39
5/6/2005	14.73	48.93	31.98	8.22	7.89	10.07
5/19/2005	15.10	45.71	29.65	8.39	7.90	7.52
6/3/2005	15.26	49.19	32.18	5.77	7.87	6.10
7/1/2005	16.31	49.12	32.14	7.19	7.95	6.10
7/8/2005	15.99	49.95	32.75	7.56	8.00	7.47
7/22/2005	15.37	51.22	33.66	6.88	7.83	18.56
8/5/2005	16.86	51.25	33.71	7.42	7.83	8.41
8/19/2005	13.93	51.10	33.54	7.16	7.80	13.96
9/2/2005	15.76	50.28	32.98	7.59	7.85	8.44
9/16/2005	13.61	50.24	32.89	7.34	7.80	10.20
9/30/2005	13.75	49.14	32.10	8.22	8.01	6.77
10/14/2005	12.59	50.76	33.23	8.22	8.02	5.22
10/28/2005	12.75	50.94	33.37	8.31	7.95	-1.30
11/4/2018	12.02	50.97	33.36	8.76	7.97	1.28
11/18/2005	11.33	50.36	32.88	8.18	7.91	-0.36
12/2/2005	10.80	46.06	29.76	8.31	7.95	12.35
12/16/2005	10.22	49.09	31.90	8.67	7.95	4.20
12/30/2005	12.39	41.26	26.40	9.07	8.03	80.51
1/13/2006	11.91	43.80	28.19	8.90	8.02	20.67
3/16/2006	9.57	39.82	25.28	9.90	7.98	13.37
4/28/2006	12.64	46.57	30.20	8.41	7.94	16.97
5/26/2006	13.84	47.53	30.94	8.81	7.92	9.91
6/9/2006	15.42	47.41	30.88	8.06	7.97	3.91
6/23/2006	15.38	49.11	32.12	7.77	7.89	7.54
7/7/2006	15.61	49.54	32.44	7.17	7.81	4.74
7/21/2006	16.44	49.57	32.48	7.11	7.80	5.48
8/4/2006	17.99	50.09	32.87	7.44	7.91	5.21
8/18/2006	16.56	51.69	34.03	7.60	8.01	5.89
9/8/2006	15.14	51.86	34.13	7.94	8.13	6.67
9/22/2006	14.26	50.63	33.21	8.35	8.15	10.60
Mean	13.439	48.320	31.438	8.231	7.928	9.608