

平成16年度1回目(台風18号) 人工林データ(10分間隔) 換算データ

時刻	林外雨 (mm)	林内雨 NO.1 (mm)	林内雨 NO.2 (mm)	林内雨 NO.3 (mm)	樹幹流 NO.1 (l)	樹幹流 NO.2 (l)	樹幹流 NO.3 (l)	体積含水率			飽和度			転倒ます流量 (l)	転倒ます累加流量 (l)	貯水タンク流量 (l)	貯水タンク累加流量 (l)
								土壌水分 浅 (20cm)	土壌水分 中 (40cm)	土壌水分 深 (80cm)	土壌水分 浅 (20cm)	土壌水分 中 (40cm)	土壌水分 深 (80cm)				
2004/9/6 12:00								41.5761255	36.7423128	31.8927461	0.64559201	0.66083296	0.67856907				
2004/9/6 12:10	0.0	0.4	0.0	0.4	0.15	0.15	0.95	41.22	36.87	31.89	0.64	0.66	0.68	0	0		
2004/9/6 12:20	0.5	0.0	0.4	0.0	0.10	0.05	1.20	40.94	36.81	31.89	0.64	0.66	0.68	0	0		
2004/9/6 12:30	5.5	0.0	0.0	0.0	0.05	0.10	0.55	40.65	36.74	31.89	0.63	0.66	0.68	0	0		
2004/9/6 12:40	3.0	0.8	0.4	0.4	0.10	0.10	2.70	40.37	36.61	31.89	0.63	0.66	0.68	0.0157	0.0157		
2004/9/6 12:50	2.5	1.6	1.2	2.5	2.05	0.85	10.25	40.17	36.55	31.95	0.62	0.66	0.68	0	0.0157		
2004/9/6 13:00	0.5	0.8	0.8	0.4	0.90	0.55	2.35	40.37	36.42	31.89	0.63	0.66	0.68	0	0.0157		
2004/9/6 13:10	0.5	0.0	0.0	0.0	0.20	0.20	0.65	40.37	36.36	31.89	0.63	0.65	0.68	0	0.0157		
2004/9/6 13:20	0.5	0.8	0.4	0.4	0.20	0.15	2.25	40.24	36.49	31.95	0.62	0.66	0.68	0	0.0157		
2004/9/6 13:30	0.5	0.0	0.0	0.0	0.20	0.20	1.70	40.17	36.42	31.95	0.62	0.66	0.68	0	0.0157		
2004/9/6 13:40	0.0	0.4	0.4	0.4	0.15	0.15	1.45	40.10	36.42	32.00	0.62	0.66	0.68	0	0.0157		
2004/9/6 13:50	0.5	0.4	0.0	0.0	0.15	0.15	1.75	39.96	36.30	32.00	0.62	0.65	0.68	0	0.0157		
2004/9/6 14:00	0.5	0.4	0.4	0.4	0.20	0.15	1.90	39.89	36.23	32.06	0.62	0.65	0.68	0	0.0157		
2004/9/6 14:10	1.0	0.4	0.4	0.4	0.25	0.20	3.40	39.69	36.11	32.17	0.62	0.65	0.68	0	0.0157		
2004/9/6 14:20	2.5	1.2	0.8	0.8	1.10	0.70	5.20	39.69	36.05	32.22	0.62	0.65	0.69	0	0.0157		
2004/9/6 14:30	0.5	0.8	0.8	0.4	0.60	0.55	2.65	39.82	35.98	32.50	0.62	0.65	0.69	0	0.0157		
2004/9/6 14:40	1.5	0.4	0.4	0.8	0.30	0.40	4.10	39.96	35.98	32.78	0.62	0.65	0.70	0	0.0157		
2004/9/6 14:50	4.0	2.5	2.0	2.5	2.80	1.90	18.20	40.03	36.05	33.18	0.62	0.65	0.71	0	0.0157		
2004/9/6 15:00	9.0	4.5	4.9	6.3	6.50	4.95	36.50	41.15	36.11	33.64	0.64	0.65	0.72	2.2608	2.2765		
2004/9/6 15:10	2.5	3.3	2.9	2.5	4.50	4.15	16.45	44.72	40.66	33.98	0.69	0.73	0.72	3.6267	5.9032		
2004/9/6 15:20	0.5	0.4	0.4	0.0	0.25	0.35	0.95	43.64	40.31	34.40	0.68	0.72	0.73	0.0471	5.9503		
2004/9/6 15:30	0.0	0.0	0.0	0.4	0.15	0.20	1.85	42.74	39.47	36.47	0.66	0.71	0.78	0.0157	5.966		
2004/9/6 15:40	0.5	0.4	0.0	0.0	0.10	0.15	0.90	42.23	38.85	36.53	0.66	0.70	0.78	0	5.966		
2004/9/6 15:50	0.0	0.0	0.4	0.0	0.05	0.05	0.25	41.72	38.38	36.53	0.65	0.69	0.78	0	5.966		
2004/9/6 16:00	0.0	0.0	0.0	0.0	0.05	0.05	0.10	41.29	37.85	36.47	0.64	0.68	0.78	0	5.966		
2004/9/6 16:10	0.5	0.4	0.0	0.0	0.00	0.05	1.40	40.94	37.52	36.34	0.64	0.67	0.77	0	5.966		
2004/9/6 16:20	0.0	0.0	0.0	0.0	0.05	0.10	0.55	40.65	37.13	36.22	0.63	0.67	0.77	0	5.966		
2004/9/6 16:30	0.0	0.0	0.0	0.0	0.00	0.00	0.15	40.37	36.87	36.03	0.63	0.66	0.77	0	5.966		
2004/9/6 16:40	0.0	0.0	0.0	0.0	0.05	0.05	0.10	40.10	36.61	35.97	0.62	0.66	0.77	0	5.966		
2004/9/6 16:50	0.0	0.0	0.0	0.0	0.00	0.05	0.00	39.96	36.49	35.78	0.62	0.66	0.76	0	5.966		
2004/9/6 17:00	0.5	0.0	0.0	0.0	0.00	0.00	0.05	39.69	36.30	35.72	0.62	0.65	0.76	0	5.966		
2004/9/6 17:10	0.0	0.0	0.0	0.0	0.00	0.00	0.00	39.55	36.11	35.66	0.61	0.65	0.76	0	5.966		
2004/9/6 17:20	0.0	0.0	0.0	0.0	0.00	0.00	0.00	39.28	35.92	35.54	0.61	0.65	0.76	0	5.966		
2004/9/6 17:30	1.0	0.0	0.0	0.0	0.05	0.00	0.30	39.15	35.73	35.54	0.61	0.64	0.76	0	5.966		
2004/9/6 17:40	0.0	0.0	0.0	0.4	0.00	0.00	0.40	39.08	35.61	35.48	0.61	0.64	0.75	0	5.966		
2004/9/6 17:50	0.0	0.0	0.0	0.0	0.00	0.05	0.40	38.81	35.49	35.42	0.60	0.64	0.75	0	5.966		
2004/9/6 18:00	0.0	0.0	0.0	0.0	0.00	0.00	0.60	38.74	35.36	35.23	0.60	0.64	0.75	0	5.966		
2004/9/6 18:10	0.5	0.0	0.0	0.0	0.00	0.00	0.15	38.68	35.24	35.30	0.60	0.63	0.75	0.0157	5.9817		
2004/9/6 18:20	0.5	0.4	0.4	0.0	0.05	0.00	1.40	38.48	35.12	35.17	0.60	0.63	0.75	0	5.9817		
2004/9/6 18:30	0.0	0.0	0.0	0.0	0.05	0.10	0.70	38.41	35.00	35.11	0.60	0.63	0.75	0	5.9817		
2004/9/6 18:40	0.5	0.0	0.0	0.0	0.05	0.05	0.20	38.35	34.88	34.75	0.60	0.63	0.74	0	5.9817		
2004/9/6 18:50	0.0	0.0	0.0	0.4	0.05	0.00	0.50	38.22	34.82	34.69	0.59	0.63	0.74	0	5.9817		
2004/9/6 19:00	0.0	0.0	0.0	0.0	0.05	0.05	0.25	38.15	34.76	34.63	0.59	0.63	0.74	0	5.9817		
2004/9/6 19:10	0.0	0.0	0.0	0.0	0.00	0.00	0.10	38.15	34.64	34.57	0.59	0.62	0.74	0	5.9817		
2004/9/6 19:20	1.5	0.0	0.0	0.0	0.00	0.05	1.10	38.09	34.58	34.40	0.59	0.62	0.73	0	5.9817		
2004/9/6 19:30	1.0	0.4	0.8	1.3	0.75	0.60	6.65	37.96	34.52	34.34	0.59	0.62	0.73	0	5.9817		
2004/9/6 19:40	0.0	0.0	0.4	0.4	0.35	0.40	1.20	38.02	34.46	34.34	0.59	0.62	0.73	0	5.9817		
2004/9/6 19:50	0.5	0.4	0.0	0.0	0.10	0.20	0.30	38.09	34.46	34.28	0.59	0.62	0.73	0	5.9817		
2004/9/6 20:00	0.0	0.0	0.0	0.0	0.05	0.10	0.60	38.22	34.46	34.22	0.59	0.62	0.73	0	5.9817		
2004/9/6 20:10	0.5	0.0	0.0	0.0	0.05	0.05	0.10	38.15	34.40	34.22	0.59	0.62	0.73	0	5.9817		
2004/9/6 20:20	1.0	0.4	0.4	0.4	0.25	0.25	3.70	38.15	34.34	34.16	0.59	0.62	0.73	0	5.9817		
2004/9/6 20:30	1.5	0.8	0.8	1.3	0.90	0.85	5.65	38.22	34.40	34.16	0.59	0.62	0.73	0	5.9817		
2004/9/6 20:40	1.0	0.4	0.4	0.4	0.40	0.45	3.60	38.35	34.40	34.10	0.60	0.62	0.73	0	5.9817		
2004/9/6 20:50	0.0	0.4	0.4	0.4	0.35	0.30	1.90	38.55	34.46	34.10	0.60	0.62	0.73	0	5.9817		
2004/9/6 21:00	0.5	0.4	0.0	0.0	0.15	0.15	0.90	38.68	34.46	34.04	0.60	0.62	0.72	0	5.9817		
2004/9/6 21:10	0.0	0.0	0.0	0.0	0.05	0.10	0.60	38.74	34.52	34.04	0.60	0.62	0.72	0	5.9817		
2004/9/6 21:20	0.0	0.0	0.0	0.4	0.05	0.05	0.20	38.74	34.52	33.98	0.60	0.62	0.72	0	5.9817		
2004/9/6 21:30	0.5	0.0	0.0	0.0	0.05	0.05	0.15	38.74	34.64	33.98	0.60	0.62	0.72	0	5.9817		

平成16年度1回目(台風18号) 人工林データ(10分間隔) 換算データ

時刻	林外雨 (mm)	林内雨 NO.1 (mm)	林内雨 NO.2 (mm)	林内雨 NO.3 (mm)	樹幹流 NO.1 (l)	樹幹流 NO.2 (l)	樹幹流 NO.3 (l)	体積含水率			飽和度			転倒ます流量 (l)	転倒ます累加流量 (l)	貯水タンク流量 (l)	貯水タンク累加流量 (l)
								土壌水分 浅 (20cm)	土壌水分 中 (40cm)	土壌水分 深 (80cm)	土壌水分 浅 (20cm)	土壌水分 中 (40cm)	土壌水分 深 (80cm)				
2004/9/6 21:40	0.5	0.4	0.4	0.0	0.05	0.05	2.20	38.68	34.64	33.98	0.60	0.62	0.72	0	5.9817		
2004/9/6 21:50	1.5	0.4	0.4	0.4	0.10	0.10	3.60	38.68	34.76	33.93	0.60	0.63	0.72	0	5.9817		
2004/9/6 22:00	1.5	1.2	0.4	0.8	0.65	0.45	5.25	38.74	34.70	34.04	0.60	0.62	0.72	0	5.9817		
2004/9/6 22:10	2.0	0.8	0.8	1.3	0.85	0.65	5.60	38.81	34.82	33.98	0.60	0.63	0.72	0	5.9817		
2004/9/6 22:20	2.5	1.6	2.0	2.5	2.45	3.45	15.25	39.08	34.82	33.98	0.61	0.63	0.72	0	5.9817		
2004/9/6 22:30	0.0	0.8	0.4	0.4	0.80	0.80	2.85	39.55	34.82	33.98	0.61	0.63	0.72	0.0314	6.0131		
2004/9/6 22:40	1.0	0.4	0.4	0.0	0.30	0.35	3.05	39.96	35.00	33.98	0.62	0.63	0.72	0	6.0131		
2004/9/6 22:50	0.0	0.4	0.4	0.4	0.40	0.35	1.25	40.24	35.18	34.04	0.62	0.63	0.72	0	6.0131		
2004/9/6 23:00	1.0	0.4	0.4	0.0	0.15	0.20	1.55	40.31	35.49	33.98	0.63	0.64	0.72	0	6.0131		
2004/9/6 23:10	2.5	0.8	0.8	1.7	1.25	1.30	8.80	40.37	35.73	34.10	0.63	0.64	0.73	0	6.0131		
2004/9/6 23:20	0.0	0.4	0.8	0.4	0.80	0.90	2.75	40.44	35.98	34.10	0.63	0.65	0.73	0	6.0131		
2004/9/6 23:30	0.0	0.4	0.0	0.0	0.20	0.20	0.35	40.51	36.17	34.10	0.63	0.65	0.73	0	6.0131		
2004/9/6 23:40	0.0	0.0	0.0	0.0	0.10	0.10	0.15	40.44	36.23	34.22	0.63	0.65	0.73	0	6.0131		
2004/9/6 23:50	0.0	0.0	0.0	0.0	0.00	0.05	0.10	40.37	36.36	34.34	0.63	0.65	0.73	0	6.0131		
2004/9/7 0:00	0.5	0.0	0.0	0.0	0.05	0.00	0.10	40.10	36.30	34.51	0.62	0.65	0.73	0	6.0131		
2004/9/7 0:10	0.0	0.0	0.0	0.0	0.00	0.05	0.05	39.96	36.23	34.69	0.62	0.65	0.74	0	6.0131		
2004/9/7 0:20	0.0	0.0	0.0	0.0	0.00	0.00	0.00	39.69	36.11	34.93	0.62	0.65	0.74	0	6.0131		
2004/9/7 0:30	0.0	0.0	0.0	0.0	0.00	0.00	0.00	39.55	35.98	34.99	0.61	0.65	0.74	0	6.0131		
2004/9/7 0:40	0.0	0.0	0.0	0.0	0.00	0.00	0.00	39.28	35.86	35.11	0.61	0.64	0.75	0	6.0131		
2004/9/7 0:50	0.0	0.0	0.0	0.0	0.00	0.00	0.00	39.08	35.67	35.05	0.61	0.64	0.75	0	6.0131		
2004/9/7 1:00	0.0	0.0	0.0	0.0	0.00	0.00	0.05	38.94	35.55	34.93	0.60	0.64	0.74	0	6.0131		
2004/9/7 1:10	0.0	0.0	0.0	0.0	0.00	0.00	0.00	38.81	35.43	34.93	0.60	0.64	0.74	0	6.0131		
2004/9/7 1:20	0.0	0.0	0.0	0.0	0.00	0.00	0.00	38.68	35.36	34.93	0.60	0.64	0.74	0	6.0131		
2004/9/7 1:30	0.0	0.0	0.0	0.0	0.00	0.00	0.00	38.48	35.18	34.81	0.60	0.63	0.74	0	6.0131		
2004/9/7 1:40	0.0	0.0	0.0	0.0	0.00	0.00	0.00	38.41	35.06	34.81	0.60	0.63	0.74	0	6.0131		
2004/9/7 1:50	0.0	0.0	0.0	0.0	0.05	0.00	0.00	38.35	35.00	34.69	0.60	0.63	0.74	0	6.0131		
2004/9/7 2:00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	38.15	34.94	34.63	0.59	0.63	0.74	0	6.0131		
2004/9/7 2:10	0.0	0.0	0.0	0.0	0.00	0.05	0.00	38.09	34.82	34.57	0.59	0.63	0.74	0	6.0131		
2004/9/7 2:20	0.5	0.0	0.0	0.0	0.00	0.00	0.00	37.89	34.76	34.46	0.59	0.63	0.73	0	6.0131		
2004/9/7 2:30	0.0	0.0	0.0	0.0	0.00	0.00	0.00	37.83	34.64	34.46	0.59	0.62	0.73	0	6.0131		
2004/9/7 2:40	0.0	0.0	0.0	0.0	0.00	0.00	0.00	37.70	34.52	34.34	0.59	0.62	0.73	0	6.0131		
2004/9/7 2:50	0.0	0.0	0.0	0.0	0.00	0.00	0.00	37.63	34.46	34.34	0.58	0.62	0.73	0	6.0131		
2004/9/7 3:00	0.5	0.0	0.0	0.0	0.00	0.00	0.00	37.57	34.40	34.28	0.58	0.62	0.73	0	6.0131		
2004/9/7 3:10	0.0	0.0	0.0	0.0	0.00	0.00	0.00	37.51	34.34	34.22	0.58	0.62	0.73	0	6.0131		
2004/9/7 3:20	0.5	0.0	0.0	0.0	0.00	0.00	0.10	37.38	34.28	34.10	0.58	0.62	0.73	0	6.0131		
2004/9/7 3:30	0.0	0.0	0.0	0.0	0.00	0.00	0.25	37.31	34.22	34.10	0.58	0.62	0.73	0	6.0131		
2004/9/7 3:40	0.0	0.0	0.0	0.0	0.00	0.00	0.05	37.19	34.16	34.10	0.58	0.61	0.73	0	6.0131		
2004/9/7 3:50	0.5	0.0	0.0	0.0	0.00	0.00	0.10	37.12	34.10	34.10	0.58	0.61	0.73	0	6.0131		
2004/9/7 4:00	0.5	0.4	0.0	0.0	0.00	0.00	1.75	37.06	33.98	34.04	0.58	0.61	0.72	0	6.0131		
2004/9/7 4:10	0.5	0.0	0.0	0.4	0.00	0.00	2.75	37.00	33.98	33.98	0.57	0.61	0.72	0	6.0131		
2004/9/7 4:20	0.0	0.0	0.4	0.0	0.00	0.05	0.50	36.93	33.87	33.98	0.57	0.61	0.72	0	6.0131		
2004/9/7 4:30	2.0	0.4	0.0	0.8	0.05	0.70	6.10	36.87	33.87	33.93	0.57	0.61	0.72	0	6.0131		
2004/9/7 4:40	1.5	0.8	0.8	1.3	0.75	1.70	6.95	36.81	33.75	33.87	0.57	0.61	0.72	0	6.0131		
2004/9/7 4:50	0.0	0.0	0.4	0.4	0.35	0.70	2.20	36.87	33.69	33.81	0.57	0.61	0.72	0	6.0131		
2004/9/7 5:00	0.0	0.4	0.0	0.0	0.20	0.35	0.80	36.93	33.69	33.81	0.57	0.61	0.72	0	6.0131		
2004/9/7 5:10	1.0	0.0	0.4	0.0	0.05	0.15	1.55	37.06	33.69	33.81	0.58	0.61	0.72	0	6.0131		
2004/9/7 5:20	1.0	0.4	0.0	0.8	0.45	1.00	3.90	37.12	33.69	33.75	0.58	0.61	0.72	0	6.0131		
2004/9/7 5:30	0.5	0.4	0.4	0.4	0.75	1.40	3.95	37.25	33.63	33.81	0.58	0.60	0.72	0	6.0131		
2004/9/7 5:40	1.0	0.4	0.0	0.0	0.50	1.20	3.85	37.25	33.63	33.75	0.58	0.60	0.72	0	6.0131		
2004/9/7 5:50	1.0	0.4	0.4	0.8	0.70	1.75	5.10	37.44	33.69	33.69	0.58	0.61	0.72	0	6.0131		
2004/9/7 6:00	1.0	0.4	0.4	0.4	0.70	1.45	4.40	37.57	33.69	33.64	0.58	0.61	0.72	0	6.0131		
2004/9/7 6:10	1.5	0.8	0.8	1.3	1.30	2.40	6.60	37.63	33.69	33.69	0.58	0.61	0.72	0	6.0131		
2004/9/7 6:20	2.0	1.6	1.2	1.3	3.25	5.05	9.50	37.83	33.75	33.69	0.59	0.61	0.72	0.0157	6.0288		
2004/9/7 6:30	2.0	0.8	1.2	0.8	2.35	4.20	7.60	38.09	33.81	33.64	0.59	0.61	0.72	0	6.0288		
2004/9/7 6:40	1.0	0.8	0.8	1.3	2.15	4.20	7.90	38.48	33.92	33.64	0.60	0.61	0.72	0	6.0288		
2004/9/7 6:50	3.5	1.6	1.2	2.1	4.80	7.05	13.65	38.88	33.98	33.64	0.60	0.61	0.72	0	6.0288		
2004/9/7 7:00	3.5	1.6	2.0	2.1	5.35	8.20	12.60	39.62	34.22	33.58	0.62	0.62	0.71	0.1099	6.1387		
2004/9/7 7:10	3.0	2.1	1.6	2.1	4.45	8.65	11.55	40.86	34.52	33.58	0.63	0.62	0.71	0.2041	6.3428		

平成16年度1回目(台風18号) 人工林データ(10分間隔) 換算データ

時刻	林外雨 (mm)	林内雨 NO.1 (mm)	林内雨 NO.2 (mm)	林内雨 NO.3 (mm)	樹幹流 NO.1 (l)	樹幹流 NO.2 (l)	樹幹流 NO.3 (l)	体積含水率			飽和度			転倒ます流量 (l)	転倒ます累加流量 (l)	貯水タンク流量 (l)	貯水タンク累加流量 (l)
								土壌水分 浅 (20cm)	土壌水分 中 (40cm)	土壌水分 深 (80cm)	土壌水分 浅 (20cm)	土壌水分 中 (40cm)	土壌水分 深 (80cm)				
2004/9/7 7:20	1.5	1.6	1.6	1.7	4.10	6.40	9.70	42.23	35.00	33.52	0.66	0.63	0.71	0.1256	6.4684		
2004/9/7 7:30	2.0	1.2	1.2	1.3	3.20	6.10	8.95	42.52	36.30	33.58	0.66	0.65	0.71	0.0314	6.4998		
2004/9/7 7:40	2.5	1.2	1.2	1.7	4.65	8.00	10.60	42.45	37.78	33.52	0.66	0.68	0.71	0	6.4998		
2004/9/7 7:50	3.0	1.2	2.0	2.1	5.70	10.10	12.65	42.52	38.05	33.58	0.66	0.68	0.71	0	6.4998		
2004/9/7 8:00	4.0	2.9	2.9	3.0	7.85	18.15	17.80	42.74	38.11	33.69	0.66	0.69	0.72	0.4867	6.9865		
2004/9/7 8:10	5.0	3.3	3.7	3.4	11.25	28.45	20.45	43.64	38.65	34.22	0.68	0.70	0.73	1.8369	8.8234		
2004/9/7 8:20	3.0	2.5	2.5	3.0	7.75	16.60	17.20	44.10	39.68	35.78	0.68	0.71	0.76	0.5024	9.3258		
2004/9/7 8:30	3.0	2.1	2.0	1.7	7.05	11.75	13.05	43.95	39.75	36.60	0.68	0.71	0.78	0.0942	9.42		
2004/9/7 8:40	3.0	2.5	2.5	2.5	8.10	13.45	15.70	43.80	39.68	36.66	0.68	0.71	0.78	0.2041	9.6241		
2004/9/7 8:50	6.0	4.1	4.5	4.7	12.90	38.50	30.90	44.10	39.68	36.72	0.68	0.71	0.78	2.512	12.1361		27.2
2004/9/7 9:00	7.0	5.8	6.1	5.1	16.90	53.10	33.30	45.35	40.52	36.85	0.70	0.73	0.78	5.9817	18.1178	6.4476	33.6476
2004/9/7 9:10	8.5	6.6	6.1	5.9	20.80	64.40	32.00	45.91	41.75	37.17	0.71	0.75	0.79	9.2787	27.3965	18.3279	51.9755
2004/9/7 9:20	5.5	4.9	4.9	4.7	17.00	52.45	24.20	45.83	41.68	37.43	0.71	0.75	0.80	7.9599	35.3564	13.2534	65.2289
2004/9/7 9:30	6.0	4.5	4.9	4.7	14.60	51.65	19.35	45.75	41.61	37.36	0.71	0.75	0.79	6.6254	41.9818	9.552	74.7809
2004/9/7 9:40	7.0	6.2	6.5	5.9	16.75	63.70	23.10	45.91	41.68	37.43	0.71	0.75	0.80	9.8282	51.81	18.5667	93.3476
2004/9/7 9:50	8.5	5.4	5.7	5.5	18.50	63.35	22.60	45.99	41.75	37.49	0.71	0.75	0.80	10.4248	62.2348	19.8801	113.2277
2004/9/7 10:00	6.5	5.4	6.1	4.7	14.80	60.60	19.90	45.99	41.75	37.43	0.71	0.75	0.80	8.5565	70.7913	15.3429	128.5706
2004/9/7 10:10	6.0	4.5	4.9	4.7	11.10	52.75	18.55	45.83	41.68	37.43	0.71	0.75	0.80	5.4165	76.2078	7.2834	135.854
2004/9/7 10:20	7.0	4.9	6.5	5.5	14.05	63.90	21.75	45.75	41.53	37.43	0.71	0.75	0.80	6.1701	82.3779	9.6714	145.5254
2004/9/7 10:30	7.0	6.2	6.5	5.9	16.45	62.60	22.35	45.91	41.68	37.49	0.71	0.75	0.80	11.0057	93.3836	20.9547	166.4801
2004/9/7 10:40	5.5	4.9	2.9	3.4	16.25	47.60	16.85	45.83	41.61	37.49	0.71	0.75	0.80	8.1012	101.4848	12.2385	178.7186
2004/9/7 10:50	5.0	4.1	2.5	3.4	12.10	36.80	17.15	45.67	41.39	37.49	0.71	0.74	0.80	4.9612	106.446	6.2088	184.9274
2004/9/7 11:00	3.0	2.5	2.0	2.1	6.30	15.70	11.50	45.19	41.10	37.43	0.70	0.74	0.80	1.5857	108.0317	2.0895	187.0169
2004/9/7 11:10	2.0	1.2	0.8	1.3	4.35	10.35	8.45	44.57	40.66	37.36	0.69	0.73	0.79	0.0785	108.1102	0.0597	187.0766
2004/9/7 11:20	1.5	1.2	0.8	0.8	4.20	10.25	8.50	43.95	40.03	37.17	0.68	0.72	0.79	0.0157	108.1259	0.0597	187.1363
2004/9/7 11:30	2.0	1.2	0.4	0.8	3.55	9.30	7.45	43.57	39.61	36.98	0.68	0.71	0.79	0	108.1259	0	187.1363
2004/9/7 11:40	2.5	2.1	1.6	2.1	5.20	15.25	11.75	43.19	39.19	36.91	0.67	0.70	0.79	0	108.1259	0.2388	187.3751
2004/9/7 11:50	1.5	0.8	0.4	0.8	2.20	7.05	6.20	43.12	38.99	36.66	0.67	0.70	0.78	0	108.1259	0.0597	187.4348
2004/9/7 12:00	1.5	0.8	1.2	1.3	1.95	8.55	7.65	42.89	38.72	36.60	0.67	0.70	0.78	0	108.1259	-0.0597	187.3751
2004/9/7 12:10	0.5	0.8	0.4	0.8	1.45	5.25	5.20	42.67	38.51	36.53	0.66	0.69	0.78	0	108.1259	0.0597	187.4348
2004/9/7 12:20	0.5	0.4	0.0	0.4	0.70	3.05	2.25	42.37	38.31	36.41	0.66	0.69	0.77	0	108.1259	0	187.4348
2004/9/7 12:30	1.5	0.4	0.4	0.8	0.35	3.15	3.85	42.01	38.05	36.34	0.65	0.68	0.77	0	108.1259	0	187.4348
2004/9/7 12:40	1.5	1.2	1.2	1.7	1.55	8.90	9.05	41.86	37.78	36.22	0.65	0.68	0.77	0	108.1259	0.0597	187.4945
2004/9/7 12:50	1.5	1.2	1.2	1.3	1.05	4.75	5.50	42.01	37.65	36.09	0.65	0.68	0.77	0	108.1259	0.1194	187.6139
2004/9/7 13:00	2.5	1.2	1.2	2.1	1.75	11.00	10.05	42.08	37.65	35.97	0.65	0.68	0.77	0	108.1259	0.1791	187.793
2004/9/7 13:10	0.5	0.8	0.8	0.8	1.20	4.20	4.20	42.37	37.71	35.97	0.66	0.68	0.77	0.0157	108.1416	0	187.793
2004/9/7 13:20	0.0	0.4	0.4	0.4	0.55	2.30	2.15	42.30	37.78	35.97	0.66	0.68	0.77	0	108.1416	0.1194	187.9124
2004/9/7 13:30	1.0	0.4	0.4	0.4	0.30	1.90	2.65	42.16	37.78	35.97	0.65	0.68	0.77	0	108.1416	-0.0597	187.8527
2004/9/7 13:40	1.0	0.8	0.4	0.8	0.50	3.20	4.60	41.86	37.71	36.03	0.65	0.68	0.77	0	108.1416	0.1194	187.9721
2004/9/7 13:50	1.5	0.8	1.2	1.3	1.00	4.55	6.40	41.72	37.58	35.97	0.65	0.68	0.77	0	108.1416	0.0597	188.0318
2004/9/7 14:00	1.5	1.6	0.8	0.8	1.60	6.05	5.75	41.79	37.45	36.03	0.65	0.67	0.77	0	108.1416	0.1194	188.1512
2004/9/7 14:10	0.5	0.4	0.4	0.4	0.65	2.40	1.80	41.79	37.45	35.97	0.65	0.67	0.77	0	108.1416	0.0597	188.2109
2004/9/7 14:20	0.5	0.4	0.4	0.4	0.30	1.55	3.15	41.72	37.45	35.85	0.65	0.67	0.76	0	108.1416	0.0597	188.2706
2004/9/7 14:30	1.5	0.8	1.2	1.3	0.70	4.50	4.80	41.65	37.39	35.91	0.65	0.67	0.76	0	108.1416	0.1194	188.39
2004/9/7 14:40	0.0	0.4	0.4	0.0	0.40	1.25	1.05	41.58	37.26	35.85	0.65	0.67	0.76	0	108.1416	-0.1194	188.2706
2004/9/7 14:50	0.5	0.0	0.0	0.4	0.25	0.70	1.30	41.36	37.13	35.78	0.64	0.67	0.76	0	108.1416	0.0597	188.3303
2004/9/7 15:00	0.0	0.4	0.4	0.0	0.15	0.85	0.85	41.15	37.13	35.85	0.64	0.67	0.76	0	108.1416	0.1194	188.4497
2004/9/7 15:10	0.0	0.0	0.0	0.0	0.10	0.55	0.35	40.94	36.93	35.78	0.64	0.66	0.76	0	108.1416	-0.0597	188.39
2004/9/7 15:20	0.0	0.0	0.0	0.0	0.10	0.30	0.20	40.65	36.87	35.72	0.63	0.66	0.76	0	108.1416	0	188.39
2004/9/7 15:30	0.0	0.0	0.0	0.0	0.00	0.25	0.10	40.44	36.68	35.72	0.63	0.66	0.76	0	108.1416	0	188.39
2004/9/7 15:40	0.0	0.0	0.0	0.4	0.05	0.15	0.15	40.31	36.55	35.72	0.63	0.66	0.76	0	108.1416	0.0597	188.4497
2004/9/7 15:50	0.0	0.0	0.0	0.0	0.05	0.10	0.05	40.03	36.36	35.72	0.62	0.65	0.76	0	108.1416	-0.0597	188.39
2004/9/7 16:00	0.0	0.0	0.4	0.0	0.00	0.10	0.30	39.75	36.17	35.66	0.62	0.65	0.76	0	108.1416	0	188.39
2004/9/7 16:10	0.0	0.0	0.0	0.0	0.00	0.15	0.60	39.62	36.11	35.54	0.62	0.65	0.76	0	108.1416	-0.0597	188.3303
2004/9/7 16:20	0.5	0.4	0.0	0.0	0.05	0.20	0.45	39.48	35.86	35.48	0.61	0.64	0.75	0	108.1416	0.0597	188.39
2004/9/7 16:30	0.0	0.0	0.0	0.0	0.00	0.20	0.65	39.35	35.73	35.48	0.61	0.64	0.75	0	108.1416	-0.0597	188.3303
2004/9/7 16:40	0.5	0.0	0.0	0.4	0.00	0.50	1.75	39.08	35.61	35.42	0.61	0.64	0.75	0	108.1416	0	188.3303
2004/9/7 16:50	1.0	0.8	0.4	0.4	0.05	1.60	3.65	39.08	35.43	35.42	0.61	0.64	0.75	0	108.1416	0.1194	188.4497

平成16年度1回目(台風18号) 人工林データ(10分間隔) 換算データ

時刻	林外雨 (mm)	林内雨 NO.1 (mm)	林内雨 NO.2 (mm)	林内雨 NO.3 (mm)	樹幹流 NO.1 (l)	樹幹流 NO.2 (l)	樹幹流 NO.3 (l)	体積含水率			飽和度			転倒ます流量 (l)	転倒ます累加流量 (l)	貯水タンク流量 (l)	貯水タンク累加流量 (l)
								土壌水分 浅 (20cm)	土壌水分 中 (40cm)	土壌水分 深 (80cm)	土壌水分 浅 (20cm)	土壌水分 中 (40cm)	土壌水分 深 (80cm)				
2004/9/7 17:00	0.0	0.4	0.4	0.4	0.35	1.95	1.20	39.01	35.36	35.17	0.61	0.64	0.75	0	108.1416	0	188.4497
2004/9/7 17:10	0.0	0.0	0.0	0.0	0.20	0.70	0.50	38.94	35.24	34.87	0.60	0.63	0.74	0	108.1416	0	188.4497
2004/9/7 17:20	1.0	0.4	0.4	0.4	0.10	0.75	1.75	38.94	35.12	34.63	0.60	0.63	0.74	0	108.1416	0.0597	188.5094
2004/9/7 17:30	0.5	0.4	0.4	0.0	0.15	1.55	1.95	38.94	35.06	34.57	0.60	0.63	0.74	0.0157	108.1573	0	188.5094
2004/9/7 17:40	2.5	1.6	1.2	2.1	1.65	8.50	6.35	39.01	35.00	34.51	0.61	0.63	0.73	0	108.1573	0.1194	188.6288
2004/9/7 17:50	0.5	0.4	0.4	0.4	0.50	1.70	1.80	39.21	35.00	34.40	0.61	0.63	0.73	0	108.1573	0.0597	188.6885
2004/9/7 18:00	0.0	0.4	0.4	0.0	0.20	0.85	0.40	39.41	34.94	34.34	0.61	0.63	0.73	0	108.1573	0.1194	188.8079
2004/9/7 18:10	0.0	0.0	0.0	0.0	0.15	0.45	0.25	39.41	35.00	34.34	0.61	0.63	0.73	0	108.1573	0	188.8079
2004/9/7 18:20	0.0	0.0	0.0	0.0	0.05	0.30	0.40	39.41	35.06	34.34	0.61	0.63	0.73	0	108.1573	0	188.8079
2004/9/7 18:30	0.0	0.4	0.0	0.0	0.05	0.25	0.20	39.41	35.06	34.28	0.61	0.63	0.73	0	108.1573	0	188.8079
2004/9/7 18:40	0.0	0.0	0.4	0.0	0.00	0.15	0.10	39.35	35.12	34.22	0.61	0.63	0.73	0	108.1573	0.0597	188.8676
2004/9/7 18:50	0.0	0.0	0.0	0.0	0.05	0.10	0.10	39.21	35.12	34.28	0.61	0.63	0.73	0	108.1573	0.0597	188.9273
2004/9/7 19:00	0.0	0.0	0.0	0.0	0.00	0.10	0.05	39.15	35.12	34.28	0.61	0.63	0.73	0	108.1573	-0.0597	188.8676
2004/9/7 19:10	0.0	0.0	0.0	0.0	0.05	0.05	0.00	39.01	35.12	34.22	0.61	0.63	0.73	0	108.1573	0.0597	188.9273
2004/9/7 19:20	0.0	0.0	0.0	0.4	0.00	0.05	0.05	38.88	35.06	34.22	0.60	0.63	0.73	0	108.1573	-0.0597	188.8676
2004/9/7 19:30	0.0	0.0	0.0	0.0	0.00	0.05	0.00	38.74	35.06	34.28	0.60	0.63	0.73	0	108.1573	-0.0597	188.8079
2004/9/7 19:40	0.0	0.0	0.0	0.0	0.00	0.05	0.05	38.61	34.94	34.28	0.60	0.63	0.73	0	108.1573	0	188.8079
2004/9/7 19:50	0.0	0.0	0.0	0.0	0.00	0.00	0.00	38.48	34.94	34.28	0.60	0.63	0.73	0	108.1573	0.1194	188.9273
2004/9/7 20:00	0.0	0.0	0.0	0.0	0.00	0.05	0.00	38.35	34.82	34.28	0.60	0.63	0.73	0	108.1573	-0.1194	188.8079
2004/9/7 20:10	0.0	0.0	0.0	0.0	0.05	0.00	0.00	38.22	34.82	34.22	0.59	0.63	0.73	0	108.1573	0	188.8079
2004/9/7 20:20	0.0	0.0	0.0	0.0	0.00	0.00	0.05	38.15	34.76	34.22	0.59	0.63	0.73	0	108.1573	0	188.8079
2004/9/7 20:30	0.0	0.0	0.0	0.0	0.00	0.00	0.00	38.02	34.64	34.22	0.59	0.62	0.73	0	108.1573	0.0597	188.8676
2004/9/7 20:40	0.0	0.0	0.0	0.0	0.00	0.05	0.00	37.96	34.58	34.22	0.59	0.62	0.73	0	108.1573	0	188.8676
2004/9/7 20:50	0.0	0.0	0.0	0.0	0.00	0.00	0.00	37.83	34.52	34.22	0.59	0.62	0.73	0	108.1573	-0.0597	188.8079
2004/9/7 21:00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	37.76	34.46	34.16	0.59	0.62	0.73	0	108.1573	0	188.8079
2004/9/7 21:10	0.0	0.0	0.0	0.0	0.00	0.00	0.00	37.70	34.34	34.10	0.59	0.62	0.73	0	108.1573	0	188.8079
2004/9/7 21:20	0.0	0.0	0.0	0.0	0.00	0.00	0.00	37.57	34.34	34.10	0.58	0.62	0.73	0	108.1573	0	188.8079
2004/9/7 21:30	0.0	0.0	0.0	0.0	0.00	0.00	0.00	37.57	34.22	34.10	0.58	0.62	0.73	0	108.1573	0	188.8079
2004/9/7 21:40	0.0	0.0	0.0	0.0	0.00	0.00	0.00	37.38	34.22	34.04	0.58	0.62	0.72	0	108.1573	0	188.8079
2004/9/7 21:50	0.0	0.0	0.0	0.0	0.00	0.00	0.05	37.31	34.16	34.04	0.58	0.61	0.72	0	108.1573	0	188.8079
2004/9/7 22:00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	37.19	34.04	33.98	0.58	0.61	0.72	0	108.1573	0	188.8079
2004/9/7 22:10	0.0	0.0	0.0	0.0	0.00	0.00	0.00	37.19	34.04	33.98	0.58	0.61	0.72	0	108.1573	0	188.8079
2004/9/7 22:20	0.0	0.0	0.0	0.0	0.00	0.00	0.00	37.12	33.98	33.93	0.58	0.61	0.72	0	108.1573	0	188.8079
2004/9/7 22:30	0.0	0.0	0.0	0.0	0.00	0.00	0.00	37.00	33.92	33.93	0.57	0.61	0.72	0	108.1573	0	188.8079
2004/9/7 22:40	0.0	0.0	0.0	0.0	0.00	0.00	0.00	36.93	33.87	33.87	0.57	0.61	0.72	0	108.1573	0	188.8079
2004/9/7 22:50	0.0	0.0	0.0	0.0	0.00	0.00	0.00	36.93	33.81	33.93	0.57	0.61	0.72	0	108.1573	-0.0597	188.7482
2004/9/7 23:00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	36.81	33.75	33.87	0.57	0.61	0.72	0	108.1573	0	188.7482
2004/9/7 23:10	0.0	0.0	0.0	0.0	0.00	0.00	0.00	36.74	33.69	33.87	0.57	0.61	0.72	0	108.1573	0.0597	188.8079
2004/9/7 23:20	0.0	0.0	0.0	0.0	0.00	0.00	0.00	36.74	33.69	33.81	0.57	0.61	0.72	0	108.1573	-0.0597	188.7482
2004/9/7 23:30	0.0	0.0	0.0	0.0	0.00	0.00	0.00	36.62	33.57	33.81	0.57	0.60	0.72	0	108.1573	0	188.7482
2004/9/7 23:40	0.0	0.0	0.0	0.0	0.00	0.00	0.00	36.62	33.52	33.81	0.57	0.60	0.72	0	108.1573	-0.0597	188.6885
2004/9/7 23:50	0.0	0.0	0.0	0.0	0.00	0.00	0.00	36.56	33.52	33.75	0.57	0.60	0.72	0	108.1573	0.0597	188.7482
2004/9/8 0:00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	36.56	33.46	33.75	0.57	0.60	0.72	0	108.1573	-0.0597	188.6885
2004/9/8 0:10	0.0	0.0	0.0	0.0	0.00	0.00	0.00	36.49	33.46	33.75	0.57	0.60	0.72	0	108.1573	0.0597	188.7482
2004/9/8 0:20	0.0	0.0	0.0	0.0	0.00	0.00	0.00	36.37	33.40	33.69	0.56	0.60	0.72	0	108.1573	-0.0597	188.6885
2004/9/8 0:30	0.0	0.0	0.0	0.0	0.00	0.00	0.00	36.37	33.34	33.64	0.56	0.60	0.72	0	108.1573	0	188.6885
2004/9/8 0:40	0.0	0.0	0.0	0.0	0.00	0.05	0.00	36.37	33.34	33.58	0.56	0.60	0.71	0	108.1573	0	188.6885
2004/9/8 0:50	0.0	0.0	0.0	0.0	0.00	0.00	0.00	36.31	33.34	33.64	0.56	0.60	0.72	0	108.1573	0	188.6885
2004/9/8 1:00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	36.25	33.23	33.58	0.56	0.60	0.71	0	108.1573	0	188.6885
2004/9/8 1:10	0.0	0.0	0.0	0.0	0.00	0.00	0.00	36.18	33.17	33.58	0.56	0.60	0.71	0	108.1573	0	188.6885
2004/9/8 1:20	0.0	0.0	0.0	0.0	0.00	0.00	0.00	36.06	33.17	33.58	0.56	0.60	0.71	0	108.1573	-0.0597	188.6288
2004/9/8 1:30	0.0	0.0	0.0	0.0	0.00	0.00	0.00	36.06	33.17	33.58	0.56	0.60	0.71	0	108.1573	0.1194	188.7482
2004/9/8 1:40	0.0	0.0	0.0	0.0	0.00	0.00	0.00	36.06	33.11	33.52	0.56	0.60	0.71	0	108.1573	0	188.7482
2004/9/8 1:50	0.0	0.0	0.0	0.0	0.00	0.00	0.00	36.00	33.11	33.52	0.56	0.60	0.71	0	108.1573	-0.1194	188.6288
2004/9/8 2:00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	36.00	33.05	33.52	0.56	0.59	0.71	0	108.1573	0	188.6288
2004/9/8 2:10	0.0	0.0	0.0	0.0	0.00	0.00	0.00	35.94	33.05	33.46	0.56	0.59	0.71	0	108.1573	0	188.6288
2004/9/8 2:20	0.0	0.0	0.0	0.0	0.00	0.00	0.00	35.94	32.94	33.46	0.56	0.59	0.71	0	108.1573	0	188.6288
2004/9/8 2:30	0.0	0.0	0.0	0.0	0.00	0.00	0.00	35.82	32.94	33.52	0.56	0.59	0.71	0	108.1573	0.0597	188.6885

平成16年度1回目(台風18号) 人工林データ(10分間隔) 換算データ

時刻	林外雨 (mm)	林内雨 NO.1 (mm)	林内雨 NO.2 (mm)	林内雨 NO.3 (mm)	樹幹流 NO.1 (l)	樹幹流 NO.2 (l)	樹幹流 NO.3 (l)	体積含水率			飽和度			転倒ます流量 (l)	転倒ます累加流量 (l)	貯水タンク流量 (l)	貯水タンク累加流量 (l)
								土壌水分 浅 (20cm)	土壌水分 中 (40cm)	土壌水分 深 (80cm)	土壌水分 浅 (20cm)	土壌水分 中 (40cm)	土壌水分 深 (80cm)				
2004/9/8 2:40	0.0	0.0	0.0	0.0	0.00	0.00	0.00	35.82	32.88	33.52	0.56	0.59	0.71	0	108.1573	-0.0597	188.6288
2004/9/8 2:50	0.0	0.0	0.0	0.0	0.00	0.00	0.00	35.76	32.88	33.46	0.56	0.59	0.71	0	108.1573	-0.0597	188.6885
2004/9/8 3:00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	35.76	32.88	33.41	0.56	0.59	0.71	0	108.1573	-0.0597	188.6288
2004/9/8 3:10	0.0	0.0	0.0	0.0	0.00	0.00	0.00	35.76	32.83	33.41	0.56	0.59	0.71	0	108.1573	0	188.6288
2004/9/8 3:20	0.0	0.0	0.0	0.0	0.00	0.00	0.00	35.69	32.83	33.41	0.55	0.59	0.71	0	108.1573	-0.0597	188.5691
2004/9/8 3:30	0.0	0.0	0.0	0.0	0.00	0.00	0.00	35.69	32.77	33.41	0.55	0.59	0.71	0	108.1573	0.0597	188.6288
2004/9/8 3:40	0.0	0.0	0.0	0.0	0.00	0.00	0.00	35.63	32.71	33.41	0.55	0.59	0.71	0	108.1573	0	188.6288
2004/9/8 3:50	0.0	0.0	0.0	0.0	0.00	0.00	0.00	35.57	32.71	33.35	0.55	0.59	0.71	0	108.1573	-0.0597	188.5691
2004/9/8 4:00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	35.57	32.71	33.35	0.55	0.59	0.71	0	108.1573	0.0597	188.6288
2004/9/8 4:10	0.0	0.0	0.0	0.0	0.00	0.00	0.00	35.57	32.71	33.35	0.55	0.59	0.71	0	108.1573	0	188.6288
2004/9/8 4:20	0.0	0.0	0.0	0.0	0.00	0.00	0.00	35.51	32.60	33.35	0.55	0.59	0.71	0	108.1573	0.0597	188.6885
2004/9/8 4:30	0.0	0.0	0.0	0.0	0.00	0.00	0.00	35.51	32.60	33.29	0.55	0.59	0.71	0	108.1573	-0.1194	188.5691
2004/9/8 4:40	0.0	0.0	0.0	0.0	0.00	0.00	0.00	35.39	32.60	33.29	0.55	0.59	0.71	0	108.1573	0.0597	188.6288
2004/9/8 4:50	0.0	0.0	0.0	0.0	0.00	0.00	0.00	35.45	32.60	33.29	0.55	0.59	0.71	0	108.1573	0	188.6288
2004/9/8 5:00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	35.39	32.60	33.29	0.55	0.59	0.71	0	108.1573	0	188.6288
2004/9/8 5:10	0.0	0.0	0.0	0.0	0.00	0.00	0.00	35.39	32.54	33.29	0.55	0.59	0.71	0	108.1573	-0.0597	188.5691
2004/9/8 5:20	0.0	0.0	0.0	0.0	0.00	0.00	0.00	35.33	32.54	33.29	0.55	0.59	0.71	0	108.1573	-0.0597	188.5094
2004/9/8 5:30	0.0	0.0	0.0	0.0	0.00	0.00	0.00	35.33	32.54	33.29	0.55	0.59	0.71	0	108.1573	0	188.5094
2004/9/8 5:40	0.0	0.0	0.0	0.0	0.00	0.00	0.00	35.27	32.49	33.29	0.55	0.58	0.71	0	108.1573	0.0597	188.5691
2004/9/8 5:50	0.0	0.0	0.0	0.0	0.00	0.00	0.00	35.21	32.43	33.29	0.55	0.58	0.71	0	108.1573	0	188.5691
2004/9/8 6:00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	35.21	32.43	33.23	0.55	0.58	0.71	0	108.1573	-0.0597	188.5094
2004/9/8 6:10	0.0	0.0	0.0	0.0	0.00	0.00	0.00	35.21	32.43	33.18	0.55	0.58	0.71	0	108.1573	0.0597	188.5691
2004/9/8 6:20	0.0	0.0	0.0	0.0	0.00	0.00	0.00	35.15	32.43	33.23	0.55	0.58	0.71	0	108.1573	0	188.5691
2004/9/8 6:30	0.0	0.0	0.0	0.0	0.00	0.00	0.00	35.15	32.38	33.23	0.55	0.58	0.71	0	108.1573	0	188.5691
2004/9/8 6:40	0.0	0.0	0.0	0.0	0.00	0.00	0.00	35.15	32.38	33.18	0.55	0.58	0.71	0	108.1573	-0.0597	188.5094
2004/9/8 6:50	0.0	0.0	0.0	0.0	0.00	0.00	0.00	35.09	32.38	33.18	0.54	0.58	0.71	0	108.1573	0.0597	188.5691
2004/9/8 7:00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	35.09	32.38	33.18	0.54	0.58	0.71	0	108.1573	0	188.5691
2004/9/8 7:10	0.0	0.0	0.0	0.0	0.00	0.00	0.00	35.03	32.32	33.23	0.54	0.58	0.71	0	108.1573	-0.0597	188.5094
2004/9/8 7:20	0.0	0.0	0.0	0.0	0.00	0.00	0.00	35.03	32.32	33.18	0.54	0.58	0.71	0	108.1573	0	188.5094
2004/9/8 7:30	0.0	0.0	0.0	0.0	0.00	0.00	0.00	34.97	32.26	33.23	0.54	0.58	0.71	0	108.1573	0	188.5094
2004/9/8 7:40	0.0	0.0	0.0	0.0	0.00	0.00	0.00	34.91	32.26	33.12	0.54	0.58	0.70	0	108.1573	0	188.5094
2004/9/8 7:50	0.0	0.0	0.0	0.0	0.00	0.00	0.00	34.97	32.26	33.18	0.54	0.58	0.71	0	108.1573	0	188.5094
2004/9/8 8:00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	34.91	32.21	33.18	0.54	0.58	0.71	0	108.1573	0	188.5094
2004/9/8 8:10	0.0	0.0	0.0	0.0	0.00	0.00	0.00	34.91	32.21	33.12	0.54	0.58	0.70	0	108.1573	0	188.5094
2004/9/8 8:20	0.0	0.0	0.0	0.0	0.00	0.00	0.00	34.85	32.21	33.12	0.54	0.58	0.70	0	108.1573	0	188.5094
2004/9/8 8:30	0.0	0.0	0.0	0.0	0.00	0.00	0.00	34.91	32.15	33.12	0.54	0.58	0.70	0	108.1573	0.0597	188.5691
2004/9/8 8:40	0.0	0.0	0.0	0.0	0.00	0.00	0.00	34.85	32.15	33.12	0.54	0.58	0.70	0	108.1573	0	188.5691
2004/9/8 8:50	0.0	0.0	0.0	0.0	0.00	0.00	0.05	34.85	32.15	33.06	0.54	0.58	0.70	0	108.1573	-0.0597	188.5094
2004/9/8 9:00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	34.85	32.10	33.06	0.54	0.58	0.70	0	108.1573	0.0597	188.5691
2004/9/8 9:10	0.0	0.0	0.0	0.0	0.00	0.00	0.00	34.79	32.10	33.06	0.54	0.58	0.70	0	108.1573	-0.0597	188.5094
2004/9/8 9:20	0.0	0.0	0.0	0.0	0.00	0.00	0.00	34.74	32.10	33.06	0.54	0.58	0.70	0	108.1573	0	188.5094
2004/9/8 9:30	0.0	0.0	0.0	0.0	0.00	0.00	0.00	34.74	32.10	33.12	0.54	0.58	0.70	0	108.1573	0.0597	188.5691
2004/9/8 9:40	0.0	0.0	0.0	0.0	0.00	0.00	0.00	34.74	32.10	33.06	0.54	0.58	0.70	0	108.1573	-0.0597	188.5094
2004/9/8 9:50	0.0	0.0	0.0	0.0	0.00	0.00	0.00	34.68	32.04	33.06	0.54	0.58	0.70	0	108.1573	-0.1194	188.39
2004/9/8 10:00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	34.68	32.04	33.01	0.54	0.58	0.70	0	108.1573	0.0597	188.4497
2004/9/8 10:10	0.0	0.0	0.0	0.0	0.00	0.00	0.00	34.62	32.04	33.06	0.54	0.58	0.70	0	108.1573	0	188.4497
2004/9/8 10:20	0.0	0.0	0.0	0.0	0.00	0.00	0.00	34.68	31.99	33.01	0.54	0.58	0.70	0	108.1573	0.0597	188.5094
2004/9/8 10:30	0.0	0.0	0.0	0.0	0.00	0.00	0.00	34.62	32.04	33.01	0.54	0.58	0.70	0	108.1573	-0.0597	188.4497
2004/9/8 10:40	0.0	0.0	0.0	0.0	0.00	0.00	0.00	34.62	31.99	33.06	0.54	0.58	0.70	0	108.1573	0.0597	188.5094
2004/9/8 10:50	0.0	0.0	0.0	0.0	0.00	0.00	0.00	34.56	31.99	33.12	0.54	0.58	0.70	0	108.1573	-0.0597	188.4497
2004/9/8 11:00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	34.50	31.99	33.01	0.54	0.58	0.70	0	108.1573	-0.0597	188.39
2004/9/8 11:10	0.0	0.0	0.0	0.0	0.00	0.00	0.00	34.50	31.93	33.06	0.54	0.57	0.70	0	108.1573	0	188.39
2004/9/8 11:20	0.0	0.0	0.0	0.0	0.00	0.00	0.00	34.44	31.88	33.01	0.53	0.57	0.70	0	108.1573	0.1194	188.5094
2004/9/8 11:30	0.0	0.0	0.0	0.0	0.00	0.00	0.00	34.44	31.93	33.01	0.53	0.57	0.70	0	108.1573	-0.0597	188.4497
2004/9/8 11:40	0.0	0.0	0.0	0.0	0.00	0.00	0.00	34.38	31.88	33.01	0.53	0.57	0.70	0	108.1573	0	188.4497
2004/9/8 11:50	0.0	0.0	0.0	0.0	0.00	0.00	0.00	34.38	31.88	33.01	0.53	0.57	0.70	0	108.1573	0	188.4497
2004/9/8 12:00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	34.32	31.82	33.01	0.53	0.57	0.70	0	108.1573	0	188.4497