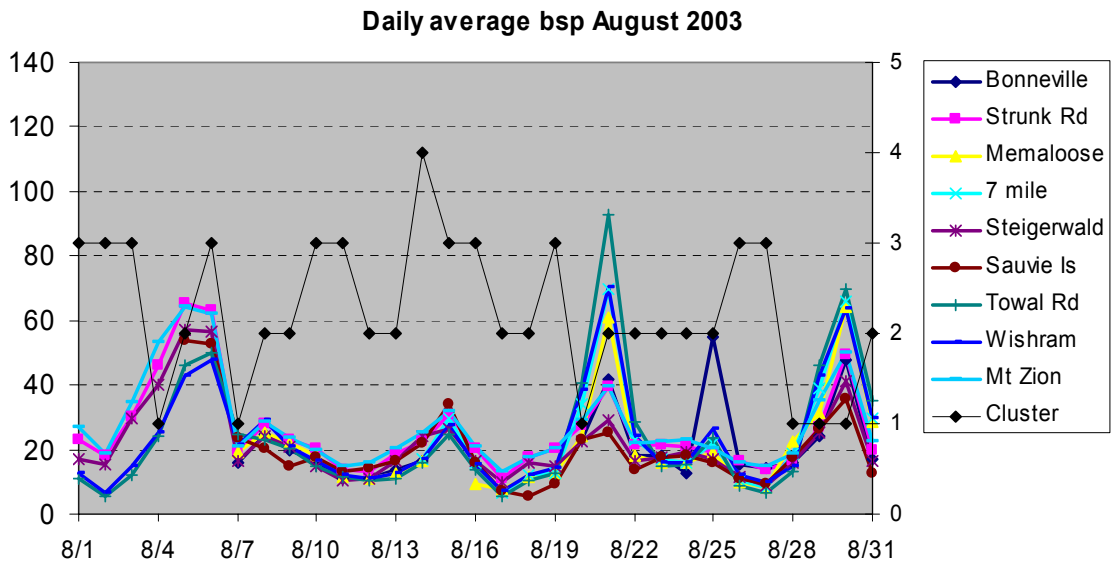
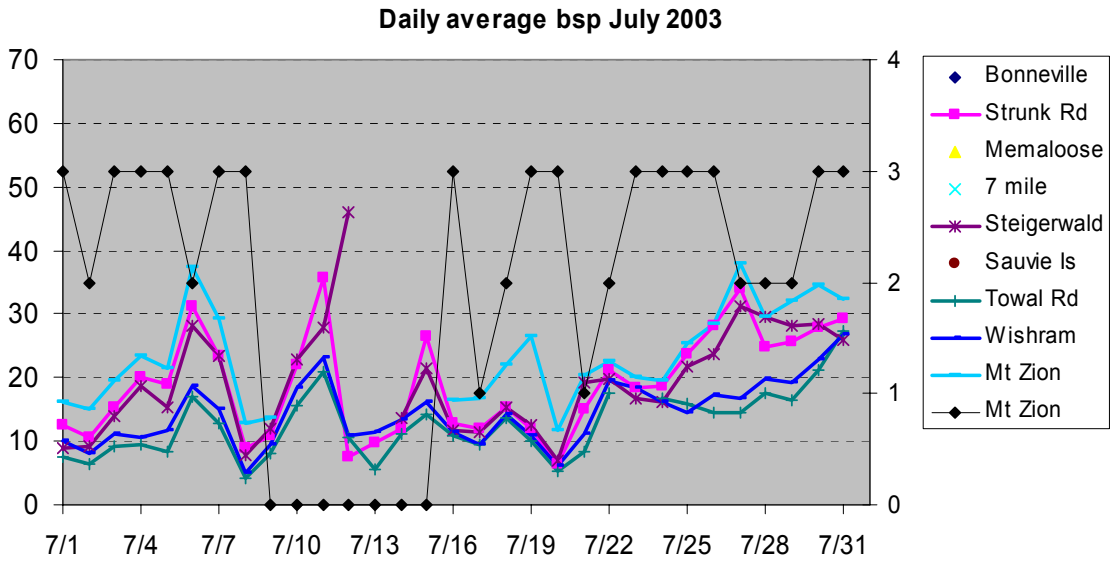
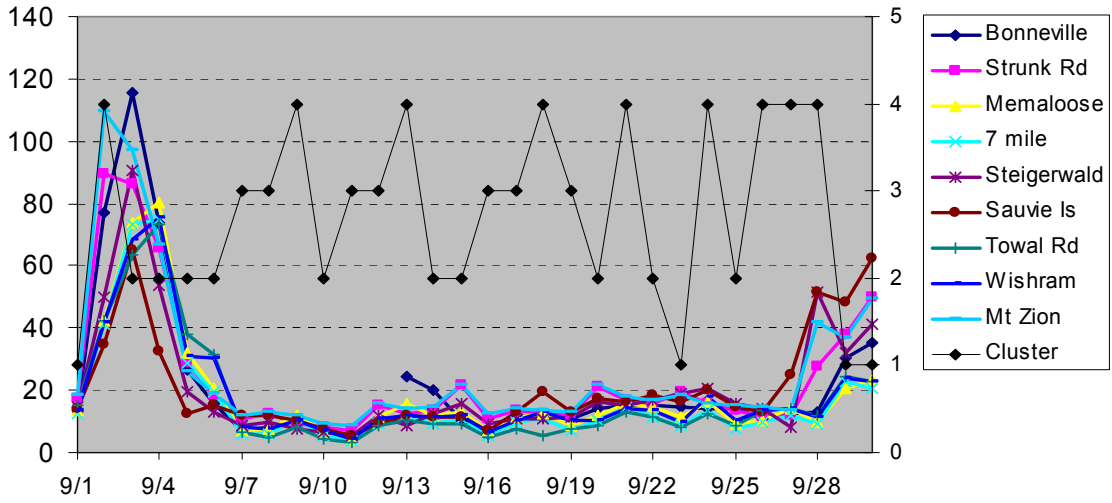


6 Appendix A – Monthly time series plots of daily average bsp

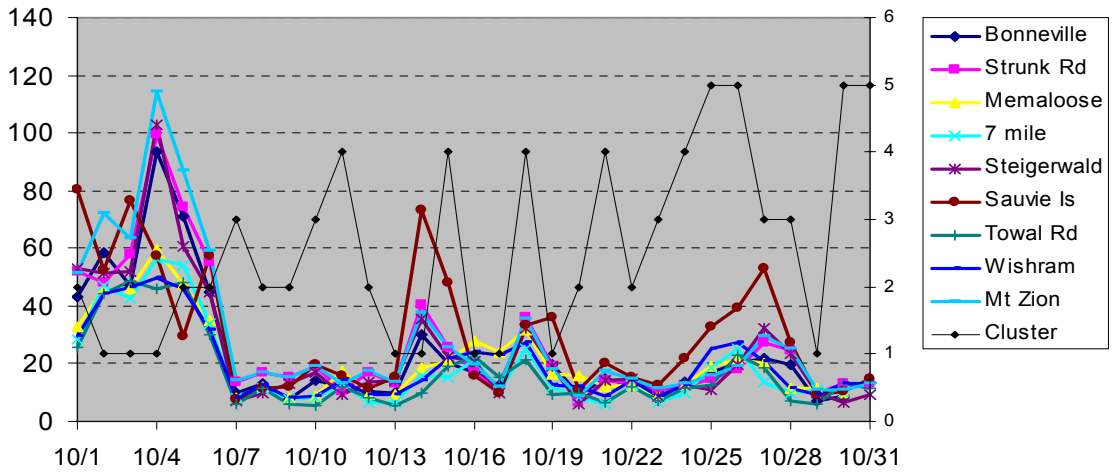
Left Y-axis in all plots is nephelometer light scattering (bsp) in inverse megameters (Mm⁻¹). Right Y-axis is daily cluster number.



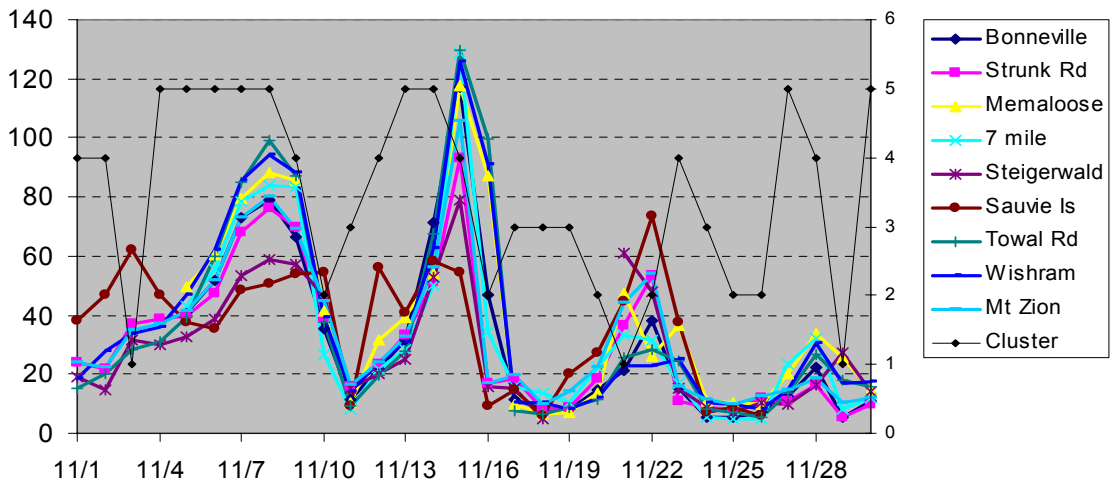
Daily average bsp September 2003



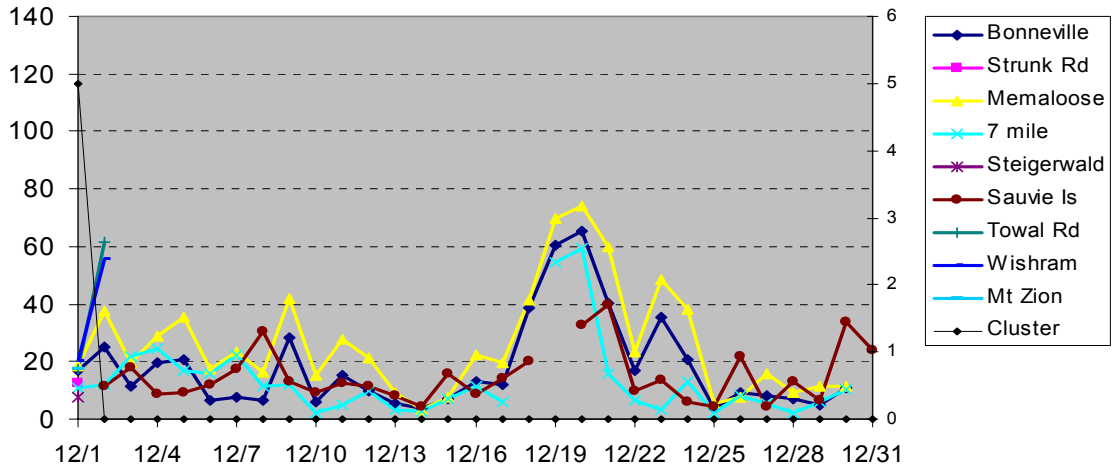
Daily average bsp October 2003



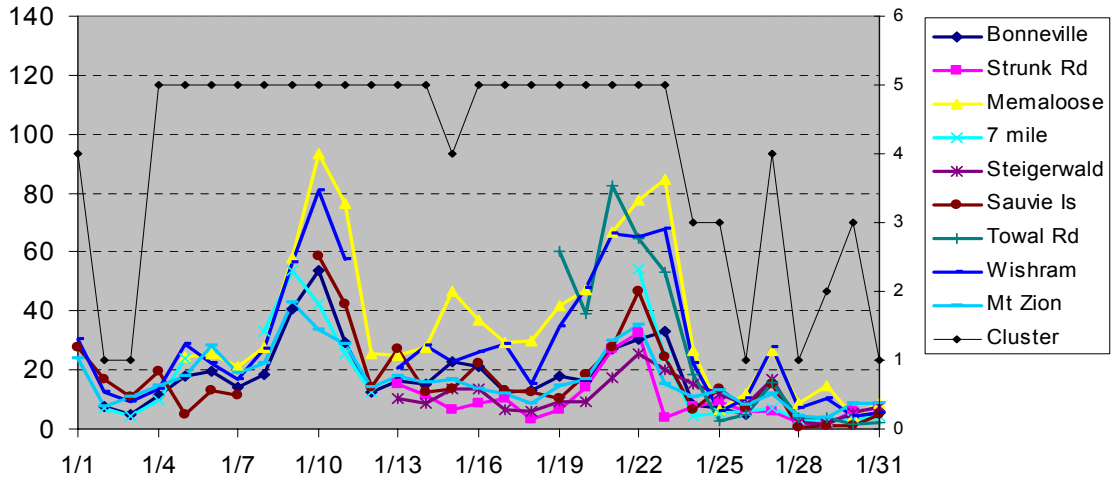
Daily average bsp November 2003



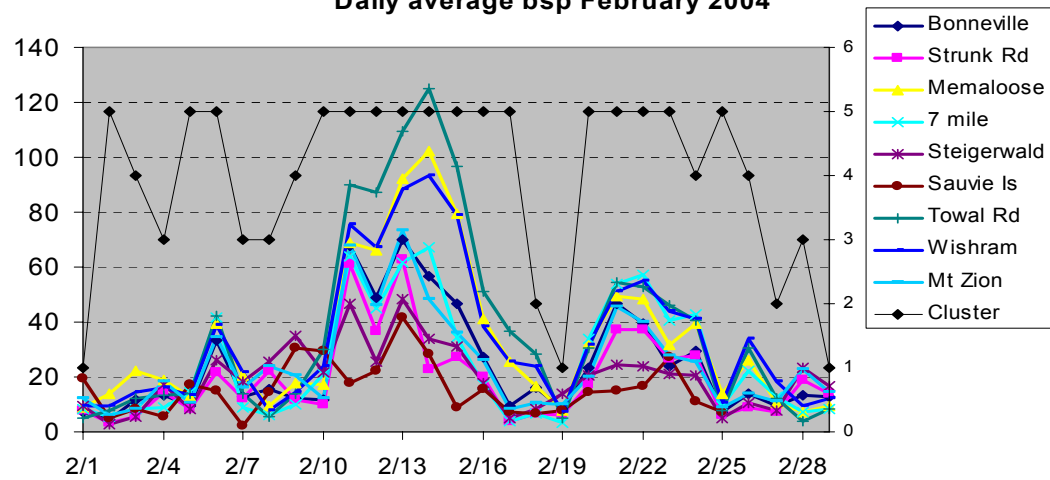
Daily average bsp December 2003



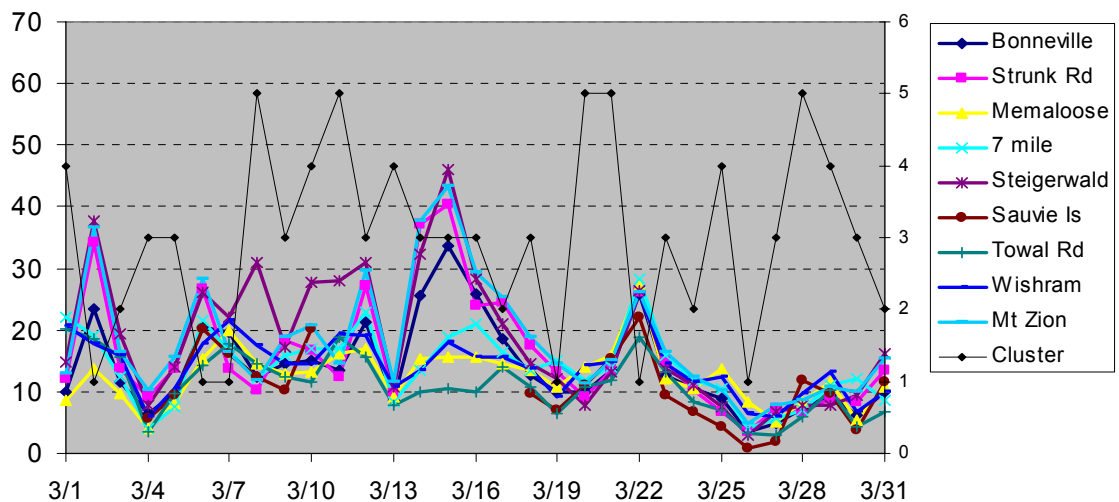
Daily average bsp January 2004



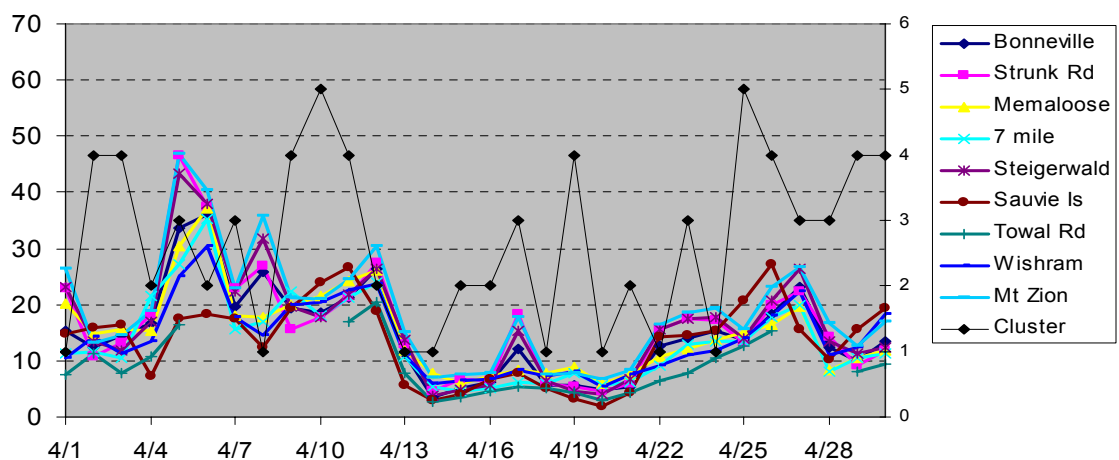
Daily average bsp February 2004



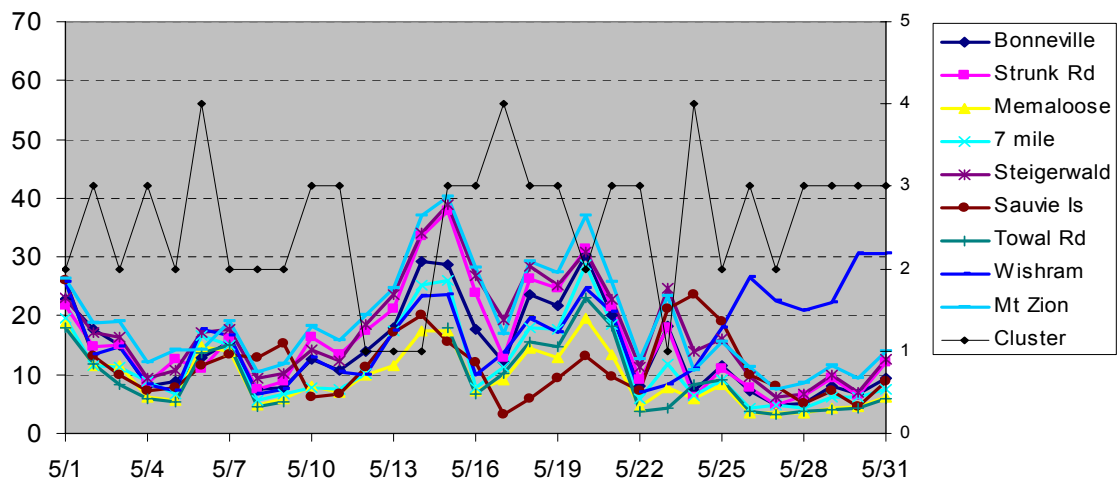
Daily average bsp March 2004



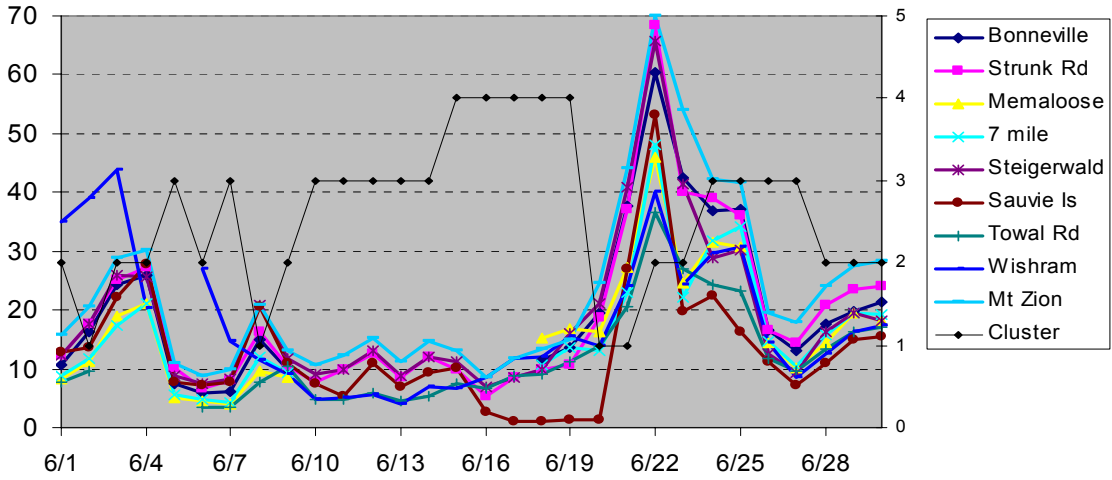
Daily average bsp April 2004



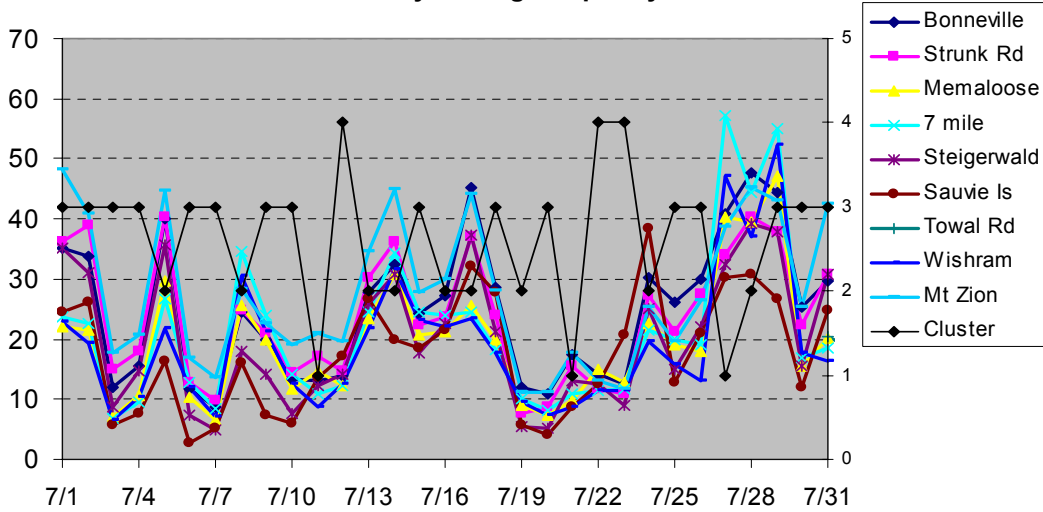
Daily average bsp May 2004



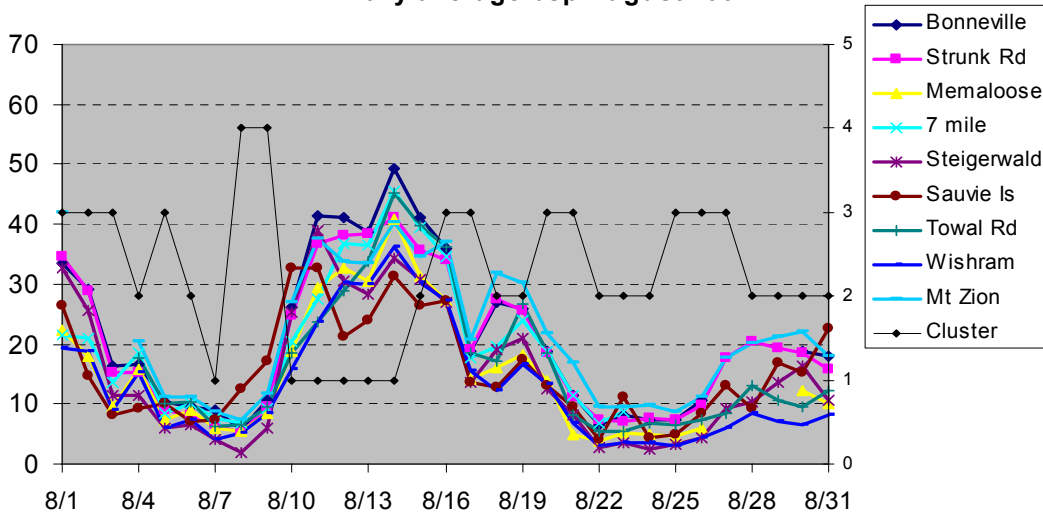
Daily average bsp June 2004



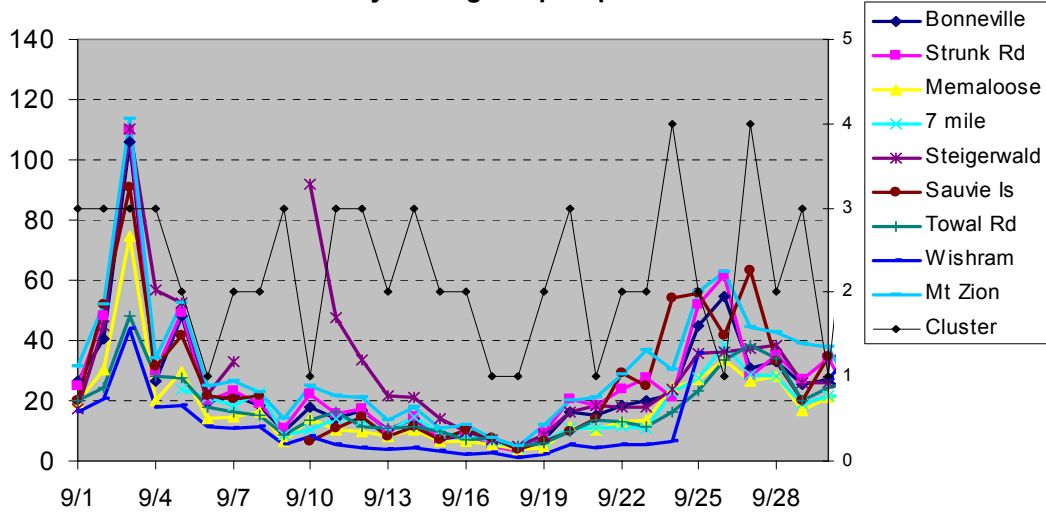
Daily average bsp July 2004



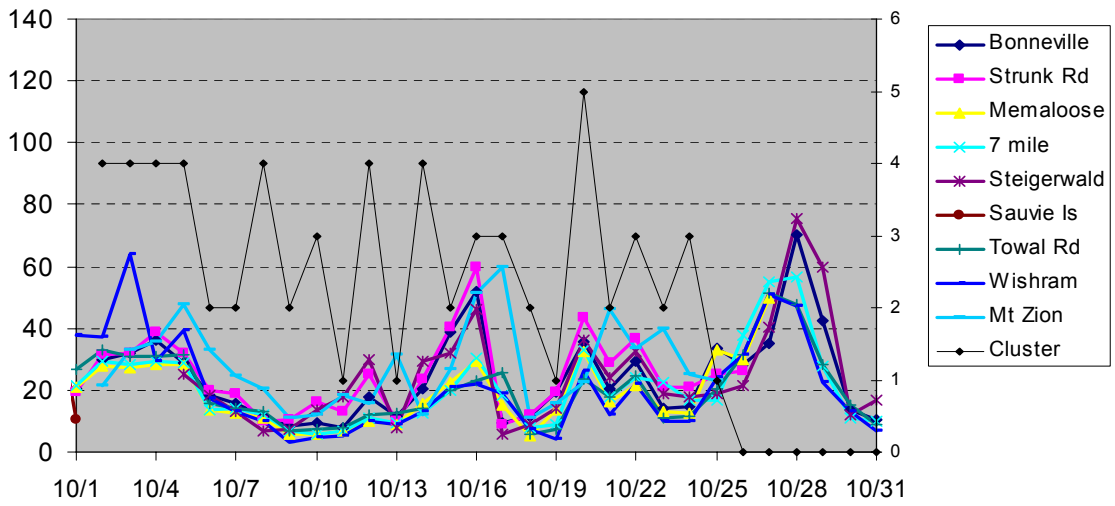
Daily average bsp August 2004



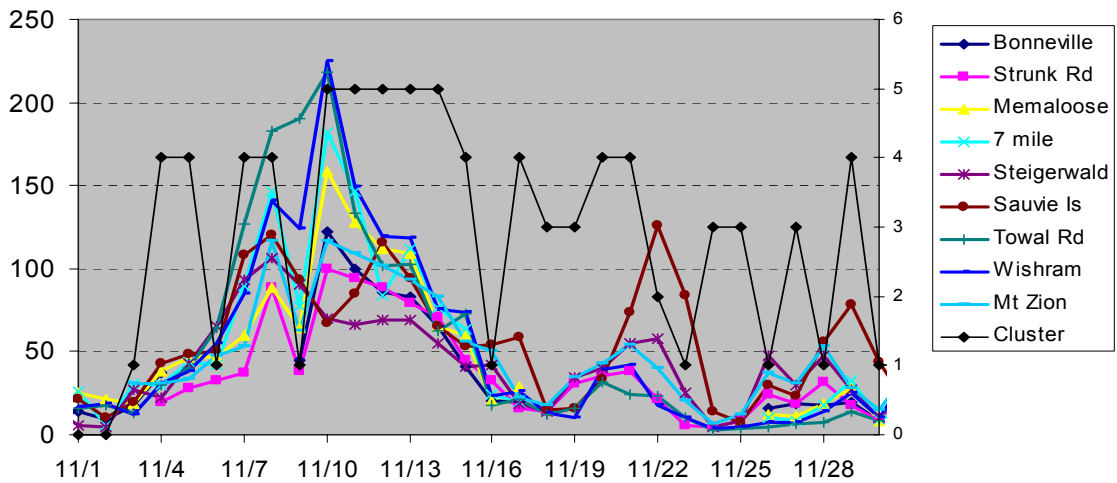
Daily average bsp September 2004



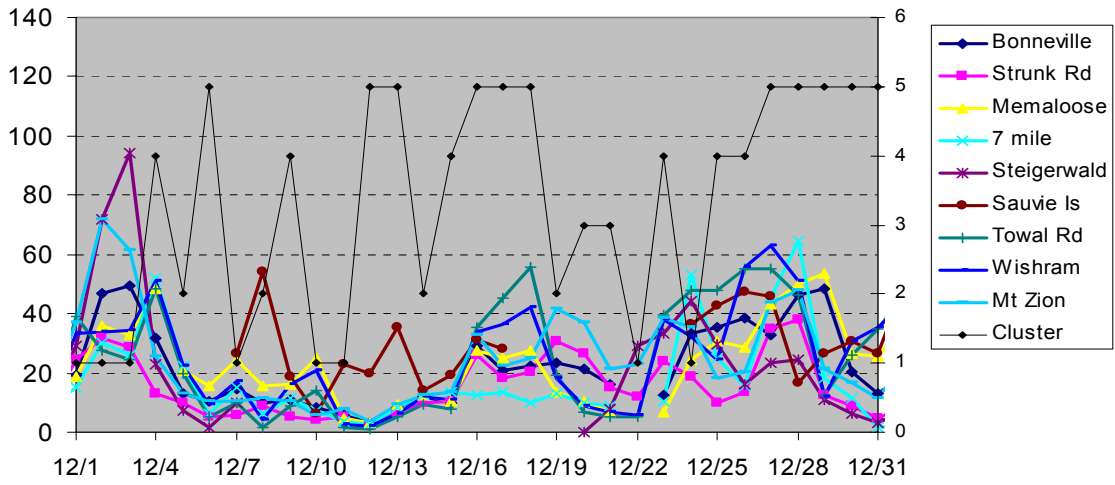
Daily average bsp October 2004



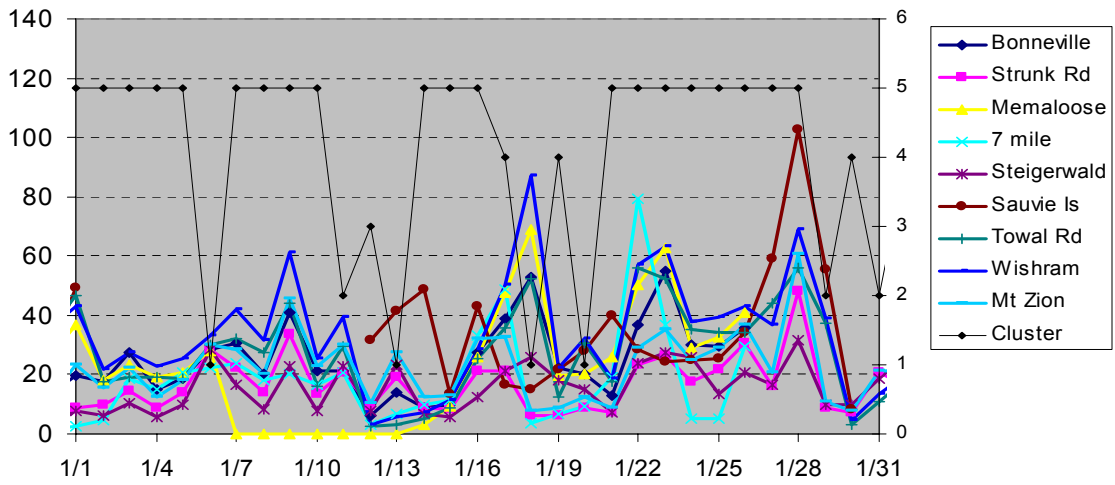
Daily average bsp November 2004



Daily average bsp December 2004



Daily average bsp January 2005



Daily average bsp February 2005

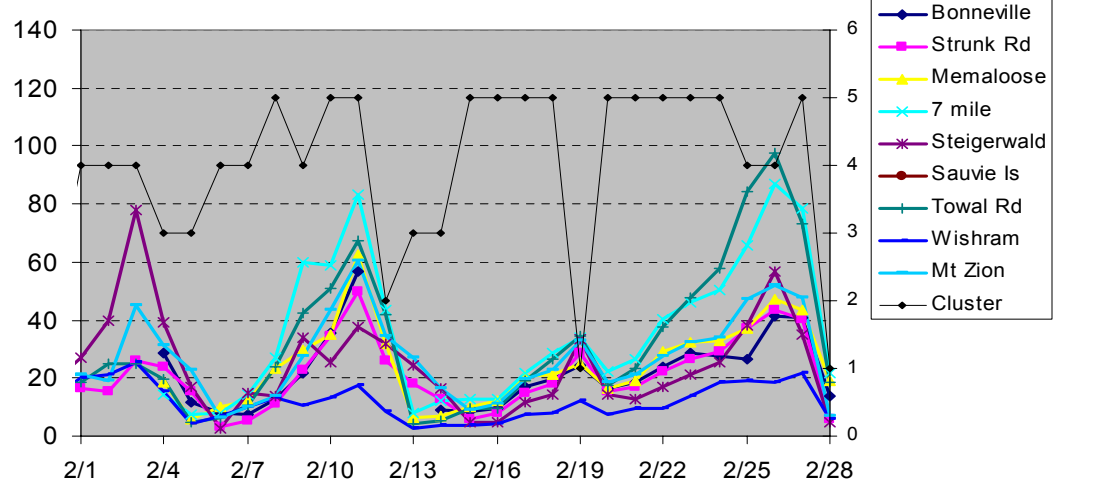


Table A-1. Cluster number by date. Cluster 0 is for days that had missing wind data and were not clustered.

Date	Cluster	Date	Cluster	Date	Cluster	Date	Cluster
7/1/2003	3	8/21/2003	2	10/11/2003	4	12/1/2003	5
7/2/2003	2	8/22/2003	2	10/12/2003	2	12/2/2003	0
7/3/2003	3	8/23/2003	2	10/13/2003	1	12/3/2003	0
7/4/2003	3	8/24/2003	2	10/14/2003	1	12/4/2003	0
7/5/2003	3	8/25/2003	2	10/15/2003	4	12/5/2003	0
7/6/2003	2	8/26/2003	3	10/16/2003	1	12/6/2003	0
7/7/2003	3	8/27/2003	3	10/17/2003	1	12/7/2003	0
7/8/2003	3	8/28/2003	1	10/18/2003	4	12/8/2003	0
7/9/2003	0	8/29/2003	1	10/19/2003	1	12/9/2003	0
7/10/2003	0	8/30/2003	1	10/20/2003	2	12/10/2003	0
7/11/2003	0	8/31/2003	2	10/21/2003	4	12/11/2003	0
7/12/2003	0	9/1/2003	1	10/22/2003	2	12/12/2003	0
7/13/2003	0	9/2/2003	4	10/23/2003	3	12/13/2003	0
7/14/2003	0	9/3/2003	2	10/24/2003	4	12/14/2003	0
7/15/2003	0	9/4/2003	2	10/25/2003	5	12/15/2003	0
7/16/2003	3	9/5/2003	2	10/26/2003	5	12/16/2003	0
7/17/2003	1	9/6/2003	2	10/27/2003	3	12/17/2003	0
7/18/2003	2	9/7/2003	3	10/28/2003	3	12/18/2003	0
7/19/2003	3	9/8/2003	3	10/29/2003	1	12/19/2003	0
7/20/2003	3	9/9/2003	4	10/30/2003	5	12/20/2003	0
7/21/2003	1	9/10/2003	2	10/31/2003	5	12/21/2003	0
7/22/2003	2	9/11/2003	3	11/1/2003	4	12/22/2003	0
7/23/2003	3	9/12/2003	3	11/2/2003	4	12/23/2003	0
7/24/2003	3	9/13/2003	4	11/3/2003	1	12/24/2003	0
7/25/2003	3	9/14/2003	2	11/4/2003	5	12/25/2003	0
7/26/2003	3	9/15/2003	2	11/5/2003	5	12/26/2003	0
7/27/2003	2	9/16/2003	3	11/6/2003	5	12/27/2003	0
7/28/2003	2	9/17/2003	3	11/7/2003	5	12/28/2003	0
7/29/2003	2	9/18/2003	4	11/8/2003	5	12/29/2003	0
7/30/2003	3	9/19/2003	3	11/9/2003	4	12/30/2003	0
7/31/2003	3	9/20/2003	2	11/10/2003	2	12/31/2003	0
8/1/2003	3	9/21/2003	4	11/11/2003	3	1/1/2004	4
8/2/2003	3	9/22/2003	2	11/12/2003	4	1/2/2004	1
8/3/2003	3	9/23/2003	1	11/13/2003	5	1/3/2004	1
8/4/2003	1	9/24/2003	4	11/14/2003	5	1/4/2004	5
8/5/2003	2	9/25/2003	2	11/15/2003	4	1/5/2004	5
8/6/2003	3	9/26/2003	4	11/16/2003	2	1/6/2004	5
8/7/2003	1	9/27/2003	4	11/17/2003	3	1/7/2004	5
8/8/2003	2	9/28/2003	4	11/18/2003	3	1/8/2004	5
8/9/2003	2	9/29/2003	1	11/19/2003	3	1/9/2004	5
8/10/2003	3	9/30/2003	1	11/20/2003	2	1/10/2004	5
8/11/2003	3	10/1/2003	2	11/21/2003	1	1/11/2004	5
8/12/2003	2	10/2/2003	1	11/22/2003	2	1/12/2004	5
8/13/2003	2	10/3/2003	1	11/23/2003	4	1/13/2004	5
8/14/2003	4	10/4/2003	1	11/24/2003	3	1/14/2004	5
8/15/2003	3	10/5/2003	2	11/25/2003	2	1/15/2004	4
8/16/2003	3	10/6/2003	2	11/26/2003	2	1/16/2004	5
8/17/2003	2	10/7/2003	3	11/27/2003	5	1/17/2004	5
8/18/2003	2	10/8/2003	2	11/28/2003	4	1/18/2004	5
8/19/2003	3	10/9/2003	2	11/29/2003	1	1/19/2004	5
8/20/2003	1	10/10/2003	3	11/30/2003	5	1/20/2004	5

Date	Cluster	Date	Cluster	Date	Cluster	Date	Cluster
1/21/2004	5	3/12/2004	3	5/2/2004	3	6/22/2004	2
1/22/2004	5	3/13/2004	4	5/3/2004	2	6/23/2004	2
1/23/2004	5	3/14/2004	3	5/4/2004	3	6/24/2004	3
1/24/2004	3	3/15/2004	3	5/5/2004	2	6/25/2004	3
1/25/2004	3	3/16/2004	3	5/6/2004	4	6/26/2004	3
1/26/2004	1	3/17/2004	2	5/7/2004	2	6/27/2004	3
1/27/2004	4	3/18/2004	3	5/8/2004	2	6/28/2004	2
1/28/2004	1	3/19/2004	1	5/9/2004	2	6/29/2004	2
1/29/2004	2	3/20/2004	5	5/10/2004	3	6/30/2004	2
1/30/2004	3	3/21/2004	5	5/11/2004	3	7/1/2004	3
1/31/2004	1	3/22/2004	1	5/12/2004	1	7/2/2004	3
2/1/2004	1	3/23/2004	3	5/13/2004	1	7/3/2004	3
2/2/2004	5	3/24/2004	2	5/14/2004	1	7/4/2004	3
2/3/2004	4	3/25/2004	4	5/15/2004	3	7/5/2004	2
2/4/2004	3	3/26/2004	1	5/16/2004	3	7/6/2004	3
2/5/2004	5	3/27/2004	3	5/17/2004	4	7/7/2004	3
2/6/2004	5	3/28/2004	5	5/18/2004	3	7/8/2004	2
2/7/2004	3	3/29/2004	4	5/19/2004	3	7/9/2004	3
2/8/2004	3	3/30/2004	3	5/20/2004	2	7/10/2004	3
2/9/2004	4	3/31/2004	2	5/21/2004	3	7/11/2004	1
2/10/2004	5	4/1/2004	1	5/22/2004	3	7/12/2004	4
2/11/2004	5	4/2/2004	4	5/23/2004	1	7/13/2004	2
2/12/2004	5	4/3/2004	4	5/24/2004	4	7/14/2004	2
2/13/2004	5	4/4/2004	2	5/25/2004	2	7/15/2004	3
2/14/2004	5	4/5/2004	3	5/26/2004	3	7/16/2004	2
2/15/2004	5	4/6/2004	2	5/27/2004	2	7/17/2004	2
2/16/2004	5	4/7/2004	3	5/28/2004	3	7/18/2004	3
2/17/2004	5	4/8/2004	1	5/29/2004	3	7/19/2004	2
2/18/2004	2	4/9/2004	4	5/30/2004	3	7/20/2004	3
2/19/2004	1	4/10/2004	5	5/31/2004	3	7/21/2004	1
2/20/2004	5	4/11/2004	4	6/1/2004	2	7/22/2004	4
2/21/2004	5	4/12/2004	2	6/2/2004	1	7/23/2004	4
2/22/2004	5	4/13/2004	1	6/3/2004	2	7/24/2004	2
2/23/2004	5	4/14/2004	1	6/4/2004	2	7/25/2004	3
2/24/2004	4	4/15/2004	2	6/5/2004	3	7/26/2004	3
2/25/2004	5	4/16/2004	2	6/6/2004	2	7/27/2004	1
2/26/2004	4	4/17/2004	3	6/7/2004	3	7/28/2004	2
2/27/2004	2	4/18/2004	1	6/8/2004	1	7/29/2004	3
2/28/2004	3	4/19/2004	4	6/9/2004	2	7/30/2004	3
2/29/2004	1	4/20/2004	1	6/10/2004	3	7/31/2004	3
3/1/2004	4	4/21/2004	2	6/11/2004	3	8/1/2004	3
3/2/2004	1	4/22/2004	1	6/12/2004	3	8/2/2004	3
3/3/2004	2	4/23/2004	3	6/13/2004	3	8/3/2004	3
3/4/2004	3	4/24/2004	1	6/14/2004	3	8/4/2004	2
3/5/2004	3	4/25/2004	5	6/15/2004	4	8/5/2004	3
3/6/2004	1	4/26/2004	4	6/16/2004	4	8/6/2004	2
3/7/2004	1	4/27/2004	3	6/17/2004	4	8/7/2004	1
3/8/2004	5	4/28/2004	3	6/18/2004	4	8/8/2004	4
3/9/2004	3	4/29/2004	4	6/19/2004	4	8/9/2004	4
3/10/2004	4	4/30/2004	4	6/20/2004	1	8/10/2004	1
3/11/2004	5	5/1/2004	2	6/21/2004	1	8/11/2004	1

Date	Cluster	Date	Cluster	Date	Cluster	Date	Cluster
8/12/2004	1	10/2/2004	4	11/22/2004	2	1/12/2005	3
8/13/2004	1	10/3/2004	4	11/23/2004	1	1/13/2005	1
8/14/2004	1	10/4/2004	4	11/24/2004	3	1/14/2005	5
8/15/2004	2	10/5/2004	2	11/25/2004	3	1/15/2005	5
8/16/2004	3	10/6/2004	2	11/26/2004	1	1/16/2005	5
8/17/2004	3	10/7/2004	4	11/27/2004	3	1/17/2005	4
8/18/2004	2	10/8/2004	2	11/28/2004	1	1/18/2005	1
8/19/2004	2	10/9/2004	3	11/29/2004	4	1/19/2005	4
8/20/2004	3	10/10/2004	1	11/30/2004	1	1/20/2005	1
8/21/2004	3	10/11/2004	4	12/1/2004	1	1/21/2005	5
8/22/2004	2	10/12/2004	1	12/2/2004	1	1/22/2005	5
8/23/2004	2	10/13/2004	4	12/3/2004	1	1/23/2005	5
8/24/2004	2	10/14/2004	2	12/4/2004	4	1/24/2005	5
8/25/2004	3	10/15/2004	3	12/5/2004	2	1/25/2005	5
8/26/2004	3	10/16/2004	3	12/6/2004	5	1/26/2005	5
8/27/2004	3	10/17/2004	2	12/7/2004	1	1/27/2005	5
8/28/2004	2	10/18/2004	1	12/8/2004	2	1/28/2005	5
8/29/2004	2	10/19/2004	5	12/9/2004	4	1/29/2005	2
8/30/2004	2	10/20/2004	2	12/10/2004	1	1/30/2005	4
8/31/2004	2	10/21/2004	3	12/11/2004	1	1/31/2005	2
9/1/2004	3	10/22/2004	2	12/12/2004	5	2/1/2005	4
9/2/2004	3	10/23/2004	3	12/13/2004	5	2/2/2005	4
9/3/2004	3	10/24/2004	1	12/14/2004	2	2/3/2005	4
9/4/2004	3	10/25/2004	0	12/15/2004	4	2/4/2005	3
9/5/2004	2	10/26/2004	0	12/16/2004	5	2/5/2005	3
9/6/2004	1	10/27/2004	0	12/17/2004	5	2/6/2005	4
9/7/2004	2	10/28/2004	0	12/18/2004	5	2/7/2005	4
9/8/2004	2	10/29/2004	0	12/19/2004	2	2/8/2005	5
9/9/2004	3	10/30/2004	0	12/20/2004	3	2/9/2005	4
9/10/2004	1	10/31/2004	0	12/21/2004	3	2/10/2005	5
9/11/2004	3	11/1/2004	0	12/22/2004	1	2/11/2005	5
9/12/2004	3	11/2/2004	0	12/23/2004	4	2/12/2005	2
9/13/2004	2	11/3/2004	1	12/24/2004	1	2/13/2005	3
9/14/2004	3	11/4/2004	4	12/25/2004	4	2/14/2005	3
9/15/2004	2	11/5/2004	4	12/26/2004	4	2/15/2005	5
9/16/2004	2	11/6/2004	1	12/27/2004	5	2/16/2005	5
9/17/2004	1	11/7/2004	4	12/28/2004	5	2/17/2005	5
9/18/2004	1	11/8/2004	4	12/29/2004	5	2/18/2005	5
9/19/2004	2	11/9/2004	1	12/30/2004	5	2/19/2005	1
9/20/2004	3	11/10/2004	5	12/31/2004	5	2/20/2005	5
9/21/2004	1	11/11/2004	5	1/1/2005	5	2/21/2005	5
9/22/2004	2	11/12/2004	5	1/2/2005	5	2/22/2005	5
9/23/2004	2	11/13/2004	5	1/3/2005	5	2/23/2005	5
9/24/2004	4	11/14/2004	5	1/4/2005	5	2/24/2005	5
9/25/2004	2	11/15/2004	4	1/5/2005	5	2/25/2005	4
9/26/2004	1	11/16/2004	1	1/6/2005	1	2/26/2005	4
9/27/2004	4	11/17/2004	4	1/7/2005	5	2/27/2005	5
9/28/2004	2	11/18/2004	3	1/8/2005	5	2/28/2005	1
9/29/2004	3	11/19/2004	3	1/9/2005	5		
9/30/2004	1	11/20/2004	4	1/10/2005	5		
10/1/2004	4	11/21/2004	4	1/11/2005	2		