



C2: BAN 1020 CONTINUOUS DATA (JUNE-SEPTEMBER 2009)

Fairbanks BAM SOB June 2009

June 2009	1-Jun	2-Jun	3-Jun	4-Jun	5-Jun	6-Jun	7-Jun	8-Jun	9-Jun	10-Jun	11-Jun	12-Jun	13-Jun	14-Jun	15-Jun	16-Jun	17-Jun	18-Jun	19-Jun	20-Jun	21-Jun	22-Jun	23-Jun	24-Jun	25-Jun	26-Jun	27-Jun	28-Jun	29-Jun	30-Jun
0:00		5.7	5	12.3	15.6	8.4	4.1	3.9	10	8.7	6.8	10	20	11.3	5.7	3.9	5.4	6.9	6.9	10.7	7.7	0	2.6	2.4	5.3	10	4.8	3	6.9	6.3
1:00		4.4	6.3	16.9	11.1	10.8	11.1	6.1	11.9	8.7	6.5	5.7	19.5	10.4	5.4	4.6	5.7	11.5	7.4	5	14.3	2	3	2.2	6.5	4.6	4.6	5.3	7.4	4.1
2:00		10.7	3.9	13.1	8.9	9.3	6.3	7.8	27.3	8.9	4.4	3.3	18.2	3.8	10.8	3.5	6.3	2.6	4.6	5.9	3.3	1.4	1.8	1.4	10.7	6.9	3	5.3	6.5	5.9
3:00		9.8	12.2	11.5	13.1	8.9	10.2	7.4	127.5	7.4	3.3	1.4	14.6	3.9	5.9	3.8	2.6	5.9	4.8	7.7	5.4	-1	1.4	1.4	6.8	5.7	2	3	4.1	7.2
4:00		3.9	3.3	14.7	7.4	8.7	1.8	12.8	95.4	3.8	4.6	2.6	22.1	3.5	6.1	2.9	-1	12.2	5.7	6.1	7.2	2.2	1.8	2.6	6.5	5.4	4.8	1.5	3.3	6.5
5:00		5.3	5	12.6	13.1	6.8	5.7	8.3	40.2	5.4	3.9	6.5	15.4	4.8	6.3	2.6	1.8	4.4	3.3	5.4	5	3.8	1.5	1.1	3.8	9.2	4.4	0.9	6.3	6.5
6:00		12.6	20.6	10.2	20.6	5.7	7.8	7.8	30.9	8	3.8	5.3	10	7.8	5.7	2.9	2.4	3.3	3.5	5.3	2.6	3.8	1.4	2	2.4	7.2	4.8	-0.6	7.4	6.3
7:00		6.3	15.2	16.9	10	5	4.8	6.9	19.5	5	4.1	0.2	14.6	7.2	4.4	1.4	2.9	4.8	6.1	5.3	5	1.1	3.9	10	3.9	6.9	5.4	1.8	6.5	11.7
8:00		6.3	22.3	9.2	15.8	4.1	5.7	5.7	18	5	5.4	-0.8	7.4	6.1	6.3	1.5	3	5	8.3	4.4	6.5	-3	3.5	3.3	3.8	6.8	4.1	5.4	3.3	4.8
9:00		6.1	16.9	8.4	15.6	6.9	6.1	4.8	11.3	2.4	5.3	1.1	10	4.6	6.3	2	-1.3	5.4	24.3	2	4.1	-1.5	1.8	0.7	2.4	4.1	1.4	6.1	4.6	5
10:00		3.8	18	8	13.4	5.7	3.8	12.2	16.2	3.3	5.7	2.2	11.5	10	3.5	1.1	1.1	8.9	25.8	3	3.9	2.6	2.2	-0.8	2.6	5.4	2.4	4.4	11.7	2.4
11:00		0.5	9.3	6.1	20.1	2.2	3.5	3	14.3	4.1	5	2	14.3	3.3	12.3	-0.8	3.5	7.8	23	2.2	1.4	-0.6	3.5	3.8	4.6	4.6	4.8	3.9	5.9	4.1
12:00		1.1	10.8	5.7	10.4	3	4.1	2.4	13.2	1.5	4.4	3.5	7.2	4.1	1.1	-1.9	2.9	15	16.9	1.1	1.8	-1.6	10.4	6.1	6.1	0.5	2	2.9	5.7	6.1
13:00			9.8	7.2	14.7	3.8	3.8	4.8	2.9	0.5	5.3	3.9	10	5	3.9	-1.5	1.1	5	25.1	0.2	3.9	1.4	1.1	2.9	5	0.2	2.6	1.4	2.4	5.9
14:00	0.5	4.8	10.2	4.6	8.3	3.5	1.1		4.4	3.9	6.1	4.8	10.2	2.4	5.3	-0.6	-0.4	6.5	13.4	1.5	1.4	2.9	2.9	0.7	3.5	0.9	4.4	5.7	3	5.7
15:00	2.6	7.7	8.9	4.1	10	5	3.3	17.6	6.9	4.6	5.9	6.8	12.6	2.6	3.8	-0.1	0.7	6.1	6.8	4.6	0	0.7	1.8	0.2	5.3	1.4	2.2	4.6	5.3	5
16:00	3.8	8.3	8.9	5.7	18.5	4.6	6.8	15.4	6.8	3	4.4	5.9	6.3	4.8	9.8	0.9	12.8	6.5	13.1	4.4	2.2	0.2	1.1	1.4	6.1	1.1	1.5	0.2	4.6	5.9
17:00	3.3	7.8	9.2	7.4	14.3	2.4	4.6	15.6	6.8	2	9.8	11.9	6.9	10.2	1.1	0.5	8.3	8.3	8	2.9	3.3	2.6	3.5	2.6	2.6	0	2.6	2	6.8	4.6
18:00	3.9	11.1	8.3	7.7	11.7	3.9	5.3	7.4	6.3	1.5	6.9	13.7	17.3	6.8	1.1	-0.6	10	7.8	7.2	3	2.4	2.9	3.5	4.1	-0.1	3.5	1.1	2.4	6.3	4.6
19:00	4.8	6.3	8	5.3	8.4	6.8	6.1	13.4	6.5	1.1	6.3	31.2	12.8	4.6	1.4	1.8	13.4	8.3	6.5	6.5	2.9	4.8	-0.1	5	2.2	6.8	0.2	1.4	3.8	5.7
20:00	3	7.4	11.1	6.3	19.1	10.7	4.6	7.7	6.9	0.5	4.1	43.1	7.4	5.3	4.1	3	16.2	7.8	10.7	4.1	4.1	3	1.5	3.8	3.9	3.5	0.7	4.8	1.8	6.1
21:00	2.6	10.4	10.2	8.3	13.4	2.9	6.5	12.3	4.8	2.6	4.8	22.3	15.2	6.9	5.9	2	5.7	11.3	6.5	4.1	2.9	3.5	4.8	5.7	6.3	1.8	0.9	5.4	2.4	10.2
22:00	5.4	9.5	13.2	11.9	7.7	4.6	8	6.8	4.8	2.4	5.7	16.2	8	5.4	4.6	0.5	7.7	7.8	10.2	8.4	0.9	4.6	2	12.2	7.7	3.8	0.9	4.4	6.5	6.5
23:00	7.8	6.3	14.6	9.3	8.3	10	5.7	13.4	10.8	4.8	4.8	15.6	8.9	16.1	4.1	2.4	8.4	6.8	7.4	13.1	1.4	1.5	2.2	5	5.3	5.4	0.5	10.2	7.8	7.4
24 hour av	3.77	6.79	10.88	9.31	12.90	5.99	5.45	8.85	20.98	4.13	5.30	9.10	12.52	6.29	5.20	1.49	4.97	7.33	10.65	4.87	3.90	1.55	2.63	3.33	4.72	4.40	2.75	3.56	5.43	6.02

Fairbanks BAM SOB July 2009

July 2009	1-Jul	2-Jul	3-Jul	4-Jul	5-Jul	6-Jul	7-Jul	8-Jul	9-Jul	10-Jul	11-Jul	12-Jul	13-Jul	14-Jul	15-Jul	16-Jul	17-Jul	18-Jul	19-Jul	20-Jul	21-Jul	22-Jul	23-Jul	24-Jul	25-Jul	26-Jul	27-Jul	28-Jul	29-Jul	30-Jul	31-Jul
0:00	7.4	7.8	12.2	9.8	35.1	35.7	33.9	59.1	53	4.1	12.6	5	16.9	22.1	46.1	3.5	23.1	14.3	10.8	5.4	17.6	6.3	31.8	18.6	6.8	7.7	25.1	66.6	13.7	5	313.9
1:00	5.7	8	10.4	16.9	34.2	35.7	12.3	48.5	50.1	6.8	8.9	5.7	11.7	21.5	52.4	5	21.5	14.1	5.9	14.7	19.5	7.4	27.5	25.1	25.1	6.5	32.9	70.5	11.5	3.8	418.3
2:00	6.9	9.2	8.3	19.1	31.6	35.9	10.8	50.1	69.5	6.5	6.9	6.1	7.2	18.8	132.8	14.1	19.5	9.5	11.1	10.7	18.8	7.8	25.5	16.9	32.7	15.2	20.6	60.8	9.3	0	342.2
3:00	8	9.2	8.4	19.1	29.4	26.6	27.7	54	69.5	5.7	11.5	7.2	5.4	23.4	258.4	10.7	21	11.5	5.9	18.2	18.2	6.3	22.1	21.2	44.7	15.8	20.1	42.4	11.7	1.4	264
4:00	7.2	6.1	8.9	9.3	20.6	20.4	16.1	41.7	70.7	5.9	11.9	5.9	6.3	23	221.4	8.7	16.2	12.8	6.1	18.8	12.2	7.2	21.2	23.9	33.3	16.1	22.1	47.6	9.8	35.3	201.9
5:00	8.3	3.5	8.3	18.2	22.3	28.8	10.2	46.5	19.7	5	7.8	5.9	15.8	23	195	19.7	17.6	10.4	7.7	22.1	18.6	11.9	19.2	24.3	29.9	13.8	17.7	39.8	11.5	131.7	156.6
6:00	7.7	3.9	6.9	15.6	17.1	39.3	33.2	48.5	15.2	6.9	6.9	6.5	7.8	18.6	196.9	20.8	15.2	11.9	10.2	23	3.9	10.7	24.9	21.9	26.9	27.5	17.7	42.2	10	114.6	90.2
7:00	6.3	1.1	7.2	11.9	33.9	59.4	60.3	37.4	12.6	8.9	10	5	13.1	35.3	178.2	20.1	17.6	4.4	3.3	18.2	4.4	4.4	26.2	13.7	43.7	19.2	25.4	32.3	10.2	221.2	137.5
8:00	6.3	3	4.4	18.8	36.8	52.8	60.8	34.2	10	13.7	12.6	19.2	17.6	46.1	192	27	21	5.9	11.5	14.6	6.8	3.8	32.7	10.2	56.9	18.6	20.1	21.5	10.4	265.3	74.1
9:00	3.8	7.7	3.3	23	43.5	56.4	61	53.7	4.4	11.9	8.3	18.2	3.3	117.4	113.1	28.1	13.2	11.3	4.8	16.9	4.6	1.8	17.6	15.4	56.7	11.1	11.1	22.1	7.8	259.5	56
10:00	10.8	12.3	6.8	36.6	34.8	61	43.2	43.7	13.8		11.1	19.1	4.6	149.7	43.7	41.1	14.3	8.4	7.2	16.9	1.4	1.8	16.7	9.2	31.4	11.1	4.1	16.5	7.2	278.1	10.4
11:00	4.1	14.6	10.7	54.8	33.5	51.5	16.2	27.9	6.3	5.7	10.2	7.2	10.4	193.3	13.4	36.6	12.6	6.8	7.7	18.5	1.8	1.4	22.3	12.8	51	10.7	5.9	13.2	11.1	254.5	16.9
12:00	6.5	16.9	2.4	59.3	34.8	37.2	31.4	35.3	7.4	14.1	13.2	8	6.9	207.1	17.3	25.4	14.7	5.7	5.9	16.2	0.7	10.2	43.7	9.3	26.2	18.5	6.1	16.9	9.5	252.3	108.1
13:00	12.2	7.2	5.7	68.7	29	28.1	27.9	16.7	8.4	8.7	8.9	6.9	8	230.1	21.2	19.1	13.1	7.7	6.9	12.6	-0.4	5.7	43.1	6.8	19.5	18.8	1.5	12.8	8.4	243.7	67.7
14:00	5.3	6.9	7.8	85.4	63.3	37	34.8	11.9	8.9	11.3	6.9	6.3	8.7	197.8	21.9	11.9	14.3	11.5	6.8	16.7	3.8	5.9	25.1	4.6	14.6	10.7	1.8	17.6	4.8	240	56.4
15:00	6.1	5.3	4.1	77.7	62.7	58.2	42.6	16.5	9.2	11.3	6.8	6.8	12.8	138.4	15	11.9	8.9	11.7	5	9.2	3.3	4.1	49.1	6.1	5.7	10.4	0.9	19.5	5	196.1	-0.8
16:00	10.4	13.4	4.4	41.1	38.3	35.1	52.4	17.7	8.3	9.5	10	6.8	15.6	87	22.7	17.7	11.1	10	5.3	16.1	-1.5	33.5	40.2	7.4	3.9	35.7	0.7	21	5.9	131.4	1.4
17:00	6.1	13.8	7.8	50.6	44	96.2	51.5	18.6	6.8	8.7	3	7.7	16.1	74.1	15.2	11.5	7.7	13.4	7.4	20.4	1.5	111.6	26	11.7	5.9	40.5	4.1	16.5	11.5	129.7	3.5
18:00	4.1	9.3	10	31.6	36.6	58.2	48	30.1	3.3	6.5	2.9	7.2	16.9	71.4	16.5	15	13.1	11.9	6.9	23.1	4.4	84.1	13.1	49.5	8	28.1	10.2	16.5	18.2	155.2	3.5
19:00	4.6	7.8	2.6	21.9	37.8	53.9	44.4	52.4	3.8	5	4.1	7.2	17.6	61.4	13.8	15	6.9	10.8	7.7	19.1	2.2	51.7	16.2	57.3	5.4	5.7	32.9	12.6	4.8	148.3	188.4
20:00	6.5	5.9	5.4	22.7	35.5	48	43.1	38.1	4.1	3.3	6.5	4.1	16.5	56.4	19.1	6.9	7.7	7.8	10	20.6	0.9	53	25.5	38.7	3.9	5.7	46.3	11.9	14.1	142.1	183.6
21:00	10.7	5.9	11.5	25.1	33.5	47	47	25.4	2.9	3.3	5.3	4.8	21.5	52.5	20.8	13.2	9.8	8.4	5.7	23.9	2	39	26.9	7.7	3	1.5	96.6	14.7	23.4	159.1	272.8
22:00	14.3	10	12.2	24.5	26.9	46.1	50.4	21.9	5.3	6.5	13.7	8.4	17.3	59.7	9.5	12.2	11.3	11.7	6.9	22.1	4.6	32.9	15.4	3.5	4.6	-3.4	114.4	12.8	13.1	131.4	336
23:00	8.7	11.1	15.8	27.3	34.2	38.1	56.7	39	4.8	12.6	11.5	8.9	22.5	75.5	8	19.1	16.5	13.7	7.4	22.3	6.8	32	33.3	3.3	7.2	-2.5	67.1	17.1	3.5	150.5	193.5
24 hour av	7.42	8.33	7.73	32.88	35.39	45.28	38.16	36.20	19.50	7.91	8.81	8.09	12.52	83.48	76.85	17.26	14.50	10.23	7.25	17.51	6.50	22.27	26.89	17.46	22.79	14.29	25.23	27.73	10.27	152.09	145.67

Fairbanks BAM SOB August 2009

Aug 2009	8/1	8/2	8/3	8/4	8/5	8/6	8/7	8/8	8/9	8/10	8/11	8/12	8/13	8/14	8/15	8/16	8/17	8/18	8/19	8/20	8/21	8/22	8/23	8/24	8/25	8/26	8/27	8/28	8/29	8/30	8/31
0:00	229.6	131.7	43.5	264.2	27.9	461.8	50.4	54.3	83.3	10	5.9		3.5	6.8	8	2	5.3	2.2	0.2	4.4	2.9	6.8	1.1	-1	0.9	5.4	10.4	4.1	3.3	7.2	0.2
1:00	195.9	121.1	41.6	338.1	32.4	429.1	57.9	59.7	70.5	19.2	3.3		5.4	4.4	3.8	3.5	5.9	2.6	0.9	5.7	4.6	8.7	4.1	0.2	0.5	6.1	3.3	2.6	2.2	5.4	2.4
2:00	205.6	123.9	48.3	322.3	27.7	285.1	58.6	58.2	64.5	2.2	0.2		7.7	5.3	2	1.4	3.5	2.9	3.5	6.9	4.8	9.2	3.3	0.7	3.3	5.3	3.8	3	2.4	2	7.4
3:00	167.4	118.5	41.7	294.7	30.3	192.2	51.3	64.5	68.4	3.8	3.5		7.8	6.5	2.4	1.4	3.5	2	1.5	6.9	3.5	6.1	2	0.2	2.4	-0.4	2	2.6	2.2	4.1	6.3
4:00	97.5	117	42.4	282.4	33.3	160.6	54.3	61.8	61.4	5	3.8		5.7	4.8	3.5	2.4	6.9	3.3	-0.1	4.1	0.7	2.9	3.9	3.9	0	0.9	13.1	1.1	-0.4	1.4	4.4
5:00	99.9	118.1	54.3	267.4	33.2	126	60.2	54	47.1	4.8	2.2		10.8	5.4	5.3	-2.1	7.2	4.1	1.4	3	3.5	4.1	6.1	5.3	2.9	3.8	3.9	1.8	-0.4	10	3
6:00	169.1	117.2	105.8	245.8	32.9	101.2	54.3	57.3	48.5	6.5	3		13.7	3.8	4.8	-2.4	4.8	2.4	0.5	5	6.1	6.5	7.2	5.7	4.4	2.6	2.6	0.7	0	-2.8	2
7:00	102.7	117.9	114.8	227.4	38.7	105.3	65.3	66.6	36.3	7.8	0.9		6.8	2	5	2.4	0.9	0	0.5	6.8	2	6.8	8.7	6.1	5.9	2.6	11.5	10.8	1.8	2	3
8:00	114.4	123.7	94.7	130.2	37.2	109.4	70.5	63.3	12.3	5.9	2	2.4	6.9	6.1	6.3	0.5	1.5	2.4	2.2	7.7	4.8	4.6	7.2	5	5.7	4.6	8.3	3.8	4.1	3.5	5.3
9:00	104.4	112.5	91.7	97.8	62.7	126.5	67.2	62.1	6.5	6.3	1.8	2.2	10	7.8	8.3	0.5	6.9	6.1	0.9	6.1	4.6	5.3	5.4	3.5	3.5	2.4	8.7	2	4.4	1.1	5.4
10:00	96.9	69.9	78.9	69.2	47.1	122.6	63.3	62.5	4.4		10	1.8	3	5.4	10.4	6.9	7.7	6.5	2.4	5	12.3	5.7	5.7	0.9	10	0.9	5.4	1.1	3.9	1.4	6.1
11:00	85.2	51	59.9	65.1	32.9	111	84.8	70.1	1.4	13.4	-3.4	4.6	2.6	6.3	4.8	6.8	7.8	4.1	4.1	2.9	6.3	3	6.8	1.4	1.8	6.1	2.2	-0.8	4.1	0.9	4.6
12:00	91.1	87.8	60.2	43.1	28.5	102.5	94.3	65.3	0.2	8.4	0.9	4.4	5.4	12.3	6.8	5.4	6.1	3	2.9	5	2.9	5.4	4.8	3.5	3.8	8	1.1	-3.2	3.5	0.5	1.8
13:00	106.8	115	59.1		73.3	103.8	56.7	68.1	1.5	8.3	0.7	2.6	12.3	0	5.4	6.5	2.6	4.1	3.5	5.4	2.6	8.9	5	1.1	3.9	7.4	0	0.9	3.8	-1.6	2.9
14:00	98.6	100.5	21.2	64.1	216.4	96	55.6	66	3.9	5	0.7	3.8	10.4	1.5	5.3	4.4	2.4	1.4	2.9	-1.3	4.6	6.8	7.4	1.8	3		-0.1	2.6	5.4	-0.1	4.1
15:00	91.7	67.1	23.6	27.7	283.6	66.4	64.1	62.3	2.9	5	1.5	2.4	4.6	5	5.7	0.9	2.2	-0.4	0.9	-0.8	3.3	3.9	6.5	4.4	3.3	7.7	1.1	4.4	3.9	1.8	5.7
16:00	104	56.9	21.2	25.4	363.7	68.4	52.4	47	2.6	3.9		1.1	13.7	6.1	2.6	1.1	4.8	4.1	2.6	1.8	4.6	2.4	2.9	5.9	3.8	6.5	1.1	5.4	3.8	4.6	7.2
17:00	129.9	61.4	21.2	28.5	421.8	63	52.5	55.2	1.5	2		1.1	10.2	4.6	5.9	2.9	6.3	6.9	4.6	1.4	2	3	1.1	4.4	3.5	6.5	0	4.8	3.3	4.4	8.7
18:00	125.9	55.4	21.6	27.3	405.5	55.2	52.1	51.5	2	3		1.1	5.3	3	5.7	0.9	4.1	5	3.5	2.6	0.5	6.5	2.6	1.4	3.5	6.8	0	5.9	1.4	0.7	5
19:00	132.6	53.2	27	32.4	881.8	47	50	55.4	3	1.1		1.8	3.8	3.8	1.4	1.4	2	3	4.1	2.9	4.6	5.3	4.6	3.9	4.8	3.9	-1	5.9	1.4	2.6	4.8
20:00	137.1	56.4	20.8	32.9	881.8	45.6	52.5	62.7	2.4	-0.1		3	10.4	7.2	10.7	5	1.4	2.4	4.1	0.7	10.8	4.1	4.8	2.6	4.1	3.8	2.6	6.8	11.5	1.4	5.7
21:00	138.4	52.8	118.9	44.1	591.7	49.1	67.2	69.5	3	3		11.3	4.4	7.4	8.3	5.9	4.1	2.6	3.9	2	9.2	5	0.7	0	4.4	6.9	6.3	12.6	6.3	-0.1	2.9
22:00	137.1	51	137.7	37.4	505.7	49.4	60.2	74.4	11.3	4.1		-0.6	4.6	7.4	6.5	5.7	6.5	4.6	5.3	4.8	8.3	5	-0.6	1.5	5.9	5.9	2.9	3	16.9	3	2.2
23:00	127.8	43.7	203.9	25.1	427.4	51	50.6	75	12.3	2.6		0.5	6.1	9.3	2.9	5	5.3	3.9	5	3.8	6.5	2.2	1.1	2	6.5	4.6	2.9	3.8	4.8	3.3	2.2

Fairbanks BAM SOB September 2009

Sept 09	9/1	9/2	9/3	9/4	9/5	9/6	9/7	9/8	9/9	9/10	9/11	9/12	9/13	9/14	9/15	9/16	9/17	9/18	9/19	9/20	9/21	9/22	9/23	9/24	9/25	9/26	9/27	9/28	9/29	9/30
0:00	-1.816	8.682	3.311	9.658	5.996	0.869	5.508	10.635	9.17	-3.037	4.043		4.775	9.658	5.02	8.682	5.996	7.461	9.658	1.357	5.02	2.578	3.555	4.531	3.799	9.658	5.996	-0.596	15.029	16.25
1:00	1.113	7.217	7.705	7.461	9.414	-2.793	2.822	8.682	6.484	-5.234	1.357		4.775	7.949	3.799	7.705	5.996	11.611	5.996	3.066	3.066	4.775	3.555	4.043	22.598	11.367	7.461	-0.596	18.447	7.705
2:00	5.508	6.484	9.902	5.508	7.949	-3.525	2.822	6.24	5.752	-2.549	2.822		5.264	6.484	1.357	5.996	4.287	12.1	6.24	3.066	2.09	3.555	1.846	4.531	6.484	9.17	11.611	1.846	8.682	5.996
3:00	2.334	3.555	7.461	3.311	5.752	2.334	4.775	5.508	4.043	-2.793	7.705		4.531	5.508	3.311	4.531	4.043	7.217	8.438	0.625	2.334	3.066	3.311	2.578	5.752	4.043	9.17	3.555	9.414	5.752
4:00	2.09	2.334	5.508	2.578	6.24	4.531	2.09	6.24	1.602	-1.816	7.949		4.043	6.973	4.043	5.02	4.287	5.752	8.682	-0.107	2.09	2.334	5.264	6.24	4.043	-0.107	8.438	4.531	5.508	8.926
5:00	4.531	5.996	5.264	1.846	6.729	1.602	2.334	8.682	1.846	1.846	8.193		4.775	6.24	1.846	4.531	-0.596	4.043	9.658	3.066	3.799	0.869	4.531	7.461	1.602	-0.107	8.682	9.414	5.508	9.17
6:00	1.846	9.17	3.799	3.311	6.484	2.09	3.311	11.855	0.625	2.822	10.879		8.926	6.729	5.02	4.043	-0.84	3.066	9.902	3.311	4.287	2.09	1.357	0.869	-1.328	4.043	4.775	12.588	8.193	8.438
7:00	2.09	6.484	3.311	5.508	3.311	2.578	8.438	11.123	3.799	-0.352	9.414		13.076	11.123	10.391	4.043	1.846	5.264	7.217	2.334	2.822	1.357	2.822	1.846	-0.84	15.518	4.287	11.855	16.006	9.658
8:00	1.602	7.461	3.311	2.578	0.625	1.113	9.658	7.217	5.752	0.381	3.555	9.658	9.902	8.926	10.146	6.484	3.311	3.311	9.414	1.846	3.066	1.602	5.02	3.066	3.555	25.771	15.029	9.658	8.682	10.391
9:00	0.381	8.926	0.137	0.869	-1.328	0.381	6.729	3.799	6.973	3.555	5.264	7.705	8.438	5.02	6.484	7.217	5.264	0.381	12.588	None	1.846	5.264	3.311	-0.352	5.264	21.621	14.297	5.996	7.217	8.926
10:00	2.822	4.043	-1.816	-0.352	-3.037	-1.816	6.729	1.602	9.658		6.729	2.578	8.193	7.461	5.996	4.287	3.799	-0.596	9.658	984.756	0.625	6.973	2.578	0.625	5.508	16.494	10.146	4.287	5.996	15.273
11:00	1.113	1.602	2.09	-1.328	-3.037	-0.84	7.705	1.357	8.193	0.869	4.043	1.846	4.531	12.588	7.217	1.846	3.066	3.311	6.24	4.531	1.846	3.799	984.756	1.846	5.508	15.273	5.02	4.043	1.846	5.264
12:00	1.846	2.334	4.287	2.09	-0.596	1.357	6.24	0.137	5.752	1.113	3.555	2.822	4.775	11.611	2.822	1.357	4.775	2.822	-0.352	2.578	3.555	-0.352	4.043	-0.107	3.555	15.029	2.334	4.287	-0.352	6.484
13:00	3.311	2.09	3.799		0.381	2.334	0.869	2.09	6.729	2.822	2.578	2.334	6.973	9.17	1.602	4.043	3.311	1.113	-0.352	-1.572	2.822	0.625	3.799	0.625	3.066	4.043	-0.352	5.996	3.066	6.24
14:00	0.869	2.09	3.066	0.137	-0.107	3.799	984.756	2.334	5.02	4.043	2.334	3.799	4.287	6.24	1.846	5.02	0.625	1.357	1.602	2.09	1.113	1.602	2.334	0.625	5.264		0.381	8.193	4.775	6.24
15:00	0.625	1.846	-0.84	3.799	2.09	2.334	984.756	0.137	2.09	7.705	0.625	0.869	-0.596	8.438	3.066	3.555	0.869	-0.84	-1.328	3.311	2.09	2.822	4.287	0.381	2.334	5.02	3.066	3.799	1.846	7.949
16:00	1.357	2.334	-0.352	3.799	1.846	3.066	2.822	2.09	0.137	3.555		-2.061	0.625	10.146	4.531	3.066	4.287	-1.328	1.113	-0.596	1.113	4.775	3.066	0.625	-1.328	2.822	2.334	3.066	1.602	15.518
17:00	2.334	4.287	-1.084	1.113	0.869	1.602	5.996	4.287	-0.84	2.822		-0.352	3.555	4.531	6.729	5.02	6.484	-0.596	0.625	-1.328	-0.84	3.311	0.625	0.381	3.555	3.799	3.555	5.508	7.705	11.367
18:00	1.846	2.578	-2.793	0.381	2.578	0.869	4.287	6.484	-1.572	6.973		1.113	5.508	2.578	7.461	3.799	4.775	0.625	-0.107	2.09	0.625	1.846	0.869	3.066	6.484	2.334	4.531	5.752	8.438	11.367
19:00	4.043	1.602	2.334	2.822	2.578	3.311	4.287	6.729	-1.572	7.705		3.555	7.461	3.311	5.264	2.822	3.066	2.09	2.578	5.752	3.311	0.869	1.602	4.775	4.043	4.043	3.555	9.414	7.461	15.029
20:00	6.24	6.24	8.926	7.217	3.555	3.555	6.484	6.973	1.602	9.414		7.705	7.705	6.24	5.752	3.555	5.264	0.625	4.531	3.555	4.531	-0.596	3.799	5.02	4.043	7.705	2.578	15.029	11.367	12.832
21:00	5.752	6.973	9.658	6.729	2.822	3.555	9.658	9.17	3.311	7.949		8.926	6.24	7.461	3.066	3.066	9.17	5.264	5.02	-0.107	4.043	0.869	4.531	4.775	19.18	6.24	0.381	18.447	11.855	12.344
22:00	6.973	5.02	9.17	8.438	1.846	5.264	11.855	9.17	1.113	3.066		5.996	7.217	4.287	3.066	2.578	10.391	11.855	1.602	0.625	5.02	3.066	4.287	4.287	5.264	5.508	-1.328	13.076	7.949	9.902
23:00	8.682	4.287	9.902	9.414	2.822	5.996	10.391	8.682	0.381	3.066		5.02	17.959	3.066	7.949	4.287	7.461	11.855	-1.084	4.531	2.822	3.066	6.484	2.578	6.973	8.193	-1.328	10.635	6.729	8.926
24 hour av	2.81	4.73	4.00	3.78	2.74	1.82	87.31	5.88	3.59	2.34	5.07	3.84	6.37	7.16	4.91	4.44	4.21	4.07	4.90	44.73	2.63	2.51	44.23	2.68	5.18	8.59	5.19	7.07	7.62	9.83



**C 4: DATA USED FOR BOX AND WHISKERS FIGURE (ERROR! REFERENCE SOURCE NOT FOUND.)**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
<b>Count</b>	24.00	30.00	30.00	28.00	21.00	27.00	12.00	15.00	29.00	31.00	30.00	28.00	31.00
<b>Mean</b>	6.33	11.40	5.78	11.35	4.02	128.93	13.92	5.34	4.13	2.87	25.04	7.74	3.49
<b>SD</b>	3.26	19.92	5.30	16.74	2.11	161.20	11.90	6.65	2.25	1.48	39.29	8.87	3.62
<b>Min</b>	2.00	1.60	2.20	1.00	0.30	2.80	2.40	1.20	1.40	1.00	3.10	1.30	1.00
<b>Q1</b>	3.50	2.50	2.99	3.38	1.00	3.16	3.07	1.82	1.70	1.50	3.49	2.42	1.70
<b>Median</b>	5.55	3.85	4.65	5.80	3.90	39.70	7.85	3.80	4.00	2.70	7.85	5.00	3.00
<b>Q3</b>	11.58	39.99	7.41	25.72	6.60	378.88	31.78	9.34	5.70	4.00	76.74	14.02	4.20
<b>Max</b>	14.00	90.70	32.20	83.40	7.50	505.60	33.50	27.40	12.40	8.10	159.50	44.50	22.40
<b>Bottom</b>	3.50	2.50	2.99	3.38	1.00	3.16	3.07	1.82	1.70	1.50	3.49	2.42	1.70
<b>2Q Box</b>	2.05	1.35	1.66	2.42	2.90	36.54	4.78	1.98	2.30	1.20	4.36	2.58	1.30
<b>3Q Box</b>	6.03	36.14	2.76	19.92	2.70	339.18	23.93	5.54	1.70	1.30	68.89	9.02	1.20
<b>Whisker-</b>	1.50	0.90	0.79	2.38	0.70	0.36	0.67	0.62	0.30	0.50	0.39	1.12	0.70
<b>Whisker+</b>	2.42	50.71	24.79	57.68	0.90	126.72	1.72	18.06	6.70	4.10	82.76	30.48	18.20
<b>Offset</b>													
<b>Whisker- 10%</b>	3.50	2.50	2.99	3.38	1.00	3.16	3.07	1.82	1.70	1.50	3.49	2.42	1.70
<b>Whisker+ 10%</b>	11.58	39.99	7.41	25.72	6.60	378.88	31.78	9.34	5.70	4.00	76.74	14.02	4.20
	14	90.7	32.2	83.4	7.5	505.6	33.5	27.4	12.4	8.1	159.5	44.5	22.4
	14	53.3	11.5	42.3	7	468.6	32.1	12.5	8.8	6.4	127.7	23.4	4.5
	12.9	45.3	7.5	28.8	6.6	379	28.9	4.6	5.7	5.1	89.7	21.3	4.3
	8.5	39.4	7.4	24.4	6.2	378.8	20.6	4.2	5.7	4	75.3	10.9	4.2
	8.1	17	6.5	13.8	6.1	336.1	16	4.1	5.6	3.8	61	10.1	4
	7.6	10.8	6	10	6.1	327.4	8.7	4	5.3	3.6	44.1	9.8	3.7

