

Coalition of Housing and Homeless Organizations (COHHO)

2009-2010 Hypothermia Comments

To: Neil O. Albert, City Administrator
Clarence H. Carter, Director, DHS
Laura G. Zeilinger, Deputy Director, DHS
Patricia Handy, Homelessness Services, DHS
Chapman Todd, Chair, Operations & Logistics Committee,
DC Interagency Council on Homelessness
Councilmember Tommy Wells, Chair, Committee on Human Services

These comments are submitted on behalf of the Coalition of Housing and Homeless Organizations (COHHO). COHHO is a diverse group of non-profit organizations and individuals in the District of Columbia who have a common goal of ending homelessness.

COHHO has been at the forefront of gathering data and monitoring information about cold and heat alerts during hypothermia and hyperthermia seasons.¹ Exposure to extreme cold or extreme heat can result in death, and for homeless persons the risk of exposure to such extreme temperatures is a daily reality. For this reason, COHHO and its members have developed a system for tracking the daily weather conditions, the alert status, the nightly census in the homeless shelters, the open status of all the emergency shelters contracted in the District of Columbia's Continuum of Care, including hypothermia shelters, and the identities of those shelters that were at or over capacity on a given night.

The information for the 2009-2010 Hypothermia Season (November 1, 2009 – March 31, 2010) can be found in the attached Hypothermia Chart. The Chart begins in mid-October, 2009, because an alert was called on October 18.² There are several sets of data incorporated into this Hypothermia Chart.

¹ COHHO or its member organizations have reported on Hypothermia for more than seven years. COHHO's reports are intended to amplify, not replace, reports prepared by or for The Community Partnership for the Prevention of Homelessness.

² There are 151 days between Nov. 1, 2009 and March 31, 2010, inclusive. The total number of days recorded in this year's Chart, however, is 166, commencing with Oct. 17, 2009.

The weather data in the Hypothermia Chart is taken from the National Weather Service's Official Weather Data for Washington, DC. It is the actual data recorded each day. An alert is required by the Homeless Services Reform Act when the actual or forecasted temperature or wind chill will be 32° Fahrenheit or below. Thus, we measure when an alert should have been called based on actual readings. It is possible that more alerts should have been called based on forecasts.

Once an alert is called during the Hypothermia Season, it is required that the hypothermia shelters open and United Planning Organization (UPO) vans pick up homeless persons from the streets and take them to shelters. The Hypothermia Chart indicates when the hypothermia shelters were open, and when other emergency shelters were open or closed.

The Chart tracks daily census data for the emergency shelters according to men, women, family groups, and number of family members. The Chart indicates those days on which the system as a whole was at or over capacity for Men, Women, or Families. The Chart also indicates which shelters were over capacity on any night, and by how many individuals or families. A key to the Chart follows this narrative.

DEATHS

There have been persistent unofficial reports concerning five or six suspected hypothermic deaths on the streets of the District during this Hypothermia Season. The Office of the Medical Examiner has apparently determined that at least three of these deaths were homeless persons. However, the Office of the Medical Examiner has been unwilling to release any information about these deaths to the public, not even the dates of the deaths. COHHO would appreciate the release of even minimal information so that policymakers and medical professionals could examine each death in the context of other events on the date of death, with emphasis on the weather conditions.

ALERTS

Alerts were called on 104 days during the 2009-2010 Hypothermia Season (November 1, 2009 to March 31, 2010), plus the alert on October 18. Based on actual data, COHHO found that alerts should have been called on five additional days³ when the statutory standards were satisfied (on one of these days, 3/1, hypothermia beds were nonetheless open, at least at night). This contrasts with 112 alerts called last year and seven days on which alerts were missed according to COHHO's data.

³ Those dates were 12/1, 3/1, 3/6, 3/7, and 3/8. 12/14 appears from the Chart to be another 'missed' alert, but we understand that on that date the alert was called off at 3pm and the alert was called again late afternoon on 12/15. If the below 32° situation was in the early morning of 12/14 and the temperature and wind chill stayed above 32° until after midnight on 12/15, the alerts were correctly called on those dates.

In general, the timing of the calling of alerts was appropriate. However, it is troubling that the three alerts in November were called at 3:00 AM. On these nights, DHS insists that two seasonal shelters (one each for Men and Women) were opened (seasonal shelters were not yet open at the time), but this is not reflected in the daily census for those days.⁴ Hypothermia shelters were not opened on those three days.

CAPACITY

Winter Plan

The 2009-2010 Winter Plan called for 166 more beds for men than last year, 15 fewer for women, and 18 more units for families. The 2009-2010 Plan called for:

- 1566 beds for men in emergency shelters, including 980 in year-round shelters, 261 seasonal beds, and 325 in hypothermia shelters;
- 495 beds for women, including 352 in year-round shelters, 48 in seasonal beds, and 95 in hypothermia shelters; and
- facilities for 288 family groups, 128 in year-round shelters and 100 in seasonal facilities at DC General.

Maximum Served System-wide in Winter 2009-2010

The maximum number of clients served on one night this year was **2824**. The number was above 2700 for 27 days. The maximum last year was 2543.

Men

According to the daily census of beds available and filled each night, during the 2009-2010 Hypothermia Season, when all beds, including hypothermia beds, were open, there were 1386 beds available for men. In addition, an indeterminate number were available in the overflow shelter, but that was only open 14 nights during the Season. The maximum number of men served on one night was **1383**.

Although overall capacity was not exceeded on any hypothermia (**alert**) night, two individual shelters were frequently over capacity by as many as 25. Other individual shelters were occasionally over capacity. This pattern points out that the shelters are not necessarily where the homeless men are located, and it is documented that some clients refuse transportation to out-of-the-way shelters. This situation should be addressed.

⁴ On none of these three nights was an alert required according to the actual data reported; however, each night the wind chill was 33° and the forecast could have been for 32° or colder. By the same token, the alerts called on 12/26 and 1/17 were not required by the actual data reported for those days; however, each day had major precipitation which may have triggered the calling of the alert. DHS is to be commended for calling alerts in such circumstances.

On 11 **non-alert** nights, when the hypothermia beds were not open, the men's system was at or over capacity, once by as many as 23. This also occurred on 3 nights in October. The overflow shelter was not open on any non-alert night.

Women

According to the daily census of beds available and filled each night, on hypothermic (**alert**) nights, there were 470 beds available. The maximum number of women served on a hypothermia night was **444**.

On **non-alert** nights, women were frequently at or over capacity. Before the 48 seasonal beds opened, women were at or over capacity on 17 of 34 days, as well as on 10 of the 15 days reported in October on the Chart. Likewise, on 17 of 23 non-alert days after the seasonal beds were opened, women were at or over capacity. This raises the serious question whether there are enough year-round beds for women.

Families

Even though capacity was periodically increased from 75 to 135 family groups at DC General, family units exceeded applicable capacity beginning on January 4 and extending through March 12, ultimately reaching 64 family units over capacity. This led to horrendous overcrowding and multiple families sharing rooms or public areas. The overcrowding was eventually eased by placement of over 70 families in transitional or permanent supportive housing.

However, at the end of the Hypothermia Season the number of family units served remained well above the 228 provided for in the Winter Plan. Obviously, the seasonal facilities at DC General cannot be shut down until housing for 120 families or more is found.

The situation with families is severe, as capacity in shelters fills up as soon as it is made available. It calls for significantly more housing over a long term.

Respectfully Submitted,

Melvin Watkins
COHHO Chair

Approved by COHHO May 13, 2010.

INTRODUCTION TO COHHO HYPOTHERMIA 2009-2010 CHART

The Chart records for each day the following information:

- the High and Low temperature,
- the Humidity, Precipitation, and Wind Chill;
- whether an Alert was called;
- whether the hypothermia shelters were open and any exceptions;
- the Total Number of clients served;
- total Men; total Women; total Family Units; and total Persons in Families;
- whether the system as a whole was at (letter) or over (letter and number) Capacity for Men, Women or Families;
- by how much any individual shelter was overcapacity (SOC);
- followed by Notes.

The column on Capacity also shows the days that the overflow shelter for Men (V) was open and how many clients were served there that night. The overflow shelter for Women did not open during this season.

The shelters and their identifying initials are shown in the table below.

F
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A

SHELTERS

MEN	YR	SEAS	HYPO	SYM	
801 East	380	52		E	
Adams Place	150	30		A	
CCNV Drop-In Center		135		D	
CCNV 3-South		44		N	Opened 1/20
La Casa	90			L	
New York Avenue	360			None	
Banneker Recreation Center			40	B	
Sacred Heart Church			50	S	
St. Luke's Church			30	U	
First United Methodist Church			25	Y	Opened 12/16
La Casa Overflow			(none specified)	V	Open only when noted
 WOMEN					
CCNV 2-South		48		Z	
Harriet Tubman	100			T	
Hermano Pedro	20			P	
John Young	85			J	
Madison (House of Ruth)	39			None	
Open Door 12 Hour	108			R	
Community of Christ			25	X	
Hermano Pedro Hypothermia			5	H	
New Covenant Church			30	K	
Open Door Hypothermia			10	None	
 FAMILY					
Congregation Based Shelter	7			None	
Girard Street	20			None	
Park Road	45			None	
Spring Road	28			None	
Naylor Road	28			None	
DC General		75-135		G	Increased in stages as noted

10/10/10

	High	Low	Hum	Prec	WC	Alert	Hypo	Total	Men	Women	FamUn	FamPer	Cap	SOC	NOTES
10/17/2009	47	43	89%	1.02	N/A	N	N/A	1871	962	355	166	554	W3	P3	
10/18/2009	53	39	85%	0.41	N/A	Y	N/A	1890	980	353	166	557	MW1	P2	
10/19/2009	59	40	73%	0	N/A	N	N/A	1882	978	350	165	554			
10/20/2009	70	41	85%	0	N/A	N	N/A	1875	977	351	161	547			
10/21/2009	75	47	86%	0	N/A	N	N/A	1874	978	351	161	545			
10/22/2009	73	52	86%	0	N/A	N	N/A	1873	975	353	161	545	W1	P3	
10/23/2009	67	54	89%	0.02	N/A	N	N/A	1815	915	353	162	547	W1	P2	
10/24/2009	72	65	88%	0.77	N/A	N	N/A	1819	922	350	162	547		P1	
10/25/2009	63	49	79%	0	N/A	N	N/A	1864	966	351	162	547			
10/26/2009	65	45	83%	0	N/A	N	N/A	1871	979	348	162	544		P1	
10/27/2009	59	54	93%	0.95	N/A	N	N/A	1875	980	354	161	541	MW2	P2	
10/28/2009	73	58	93%	1.08	N/A	N	N/A	1872	976	353	162	543	W1	P1	
10/29/2009	62	57	80%	0	57	N	N/A	1886	983	353	162	550	M3W1	E6P1	
10/30/2009	61	54	93%	Trace	54	N	N/A	1794	895	350	162	549		P1	
10/31/2009	71	58	93%	0.13	57	N	N/A	1798	893	352	163	553	W	P1	
11/1/2009	58	51	89%	0.55	47	N	C	1865	959	353	163	553	W1	P1	
11/2/2009	62	50	79%	0	51	N	C	1838	945	351	164	542		P1	
11/3/2009	67	43	93%	0	41	N	C	1761	952	353	164	456	W1	P1	
11/4/2009	54	39	66%	Trace	35	N	C	1789	980	353	164	456	MW1	E2P1	
11/5/2009	60	42	72%	0.01	39	N	C	1795	982	353	165	460	M2W1	E2P1	
11/6/2009	52	40	67%	0	33	N	C	1744	933	353	165	458	W1	P1	
11/7/2009	60	35	81%	0	33	N	C	1753	944	351	165	458			
11/8/2009	74	45	80%	0	42	N	C	1746	939	349	165	458		P1	
11/9/2009	71	47	89%	0	47	N	C	1751	945	348	168	458			
11/10/2009	66	52	89%	0	52	N	C	1802	980	352	168	470	W		
11/11/2009	60	46	87%	0.84	40	N	C	1798	977	352	167	469	W		
11/12/2009	48	44	85%	1.02	35	N	C	1780	962	351	166	467		E2T1	
11/13/2009	56	49	89%	0.33	42	N	C	1767	947	351	167	469			
11/14/2009	61	53	93%	0.02	53	N	C	1751	927	351	169	473			
11/15/2009	72	49	92%	0	47	N	C	1761	937	351	169	473			
11/16/2009	70	50	89%	0	50	N	C	1811	990	350	168	471	M10	E10	
11/17/2009	59	47	68%	0	43	N	C	1808	994	353	168	461	M14W1	E17P1	
11/18/2009	58	46	81%	0	41	N	C	1803	979	353	168	471	W1	E19P1	
11/19/2009	63	52	93%	0.15	52	N	C	1820	995	350	170	475	M15	E25	
11/20/2009	60	48	87%	0.55	44	N	C	1779	946	351	171	482			
11/21/2009	60	43	78%	0	43	N	C	1777	933	352	171	492	W		

11/22/2009	58	42	83%	0	37	N	C	1824	994	349	171	481	M14	E14			
11/23/2009	51	45	89%	0.47	41	N	C	1836	1003	352	171	481	M23W	E23			
11/24/2009	53	48	92%	0.41	43	N	C	1845	1009	351	172	485		P1	E SEAS O		
11/25/2009	56	48	93%	0.18	49	N	C	1809	967	348	174	494					
11/26/2009	51	45	100%	Trace	41	N	C	1769	934	341	174	494					
11/27/2009	50	41	76%	0.03	33	Y3AMC	C	1809	965	350	174	494					
11/28/2009	52	40	57%	0	33	Y3AMC	C	1797	951	352	174	494	W	T3	NZ O?		
11/29/2009	64	35	82%	Trace	33	Y3AMC	C	1815	967	354	174	494	W2	P2	NZ O?		
11/30/2009	56	41	79%	0.18	37	N	C	1877	1030	354	173	493	W2	P2	NZ O?		
12/1/2009	54	34	66%	0	29	N	C	1828	994	352	174	482	W	P1			
12/2/2009	58	41	93%	0.46	38	N	C	1844	997	350	175	497		P1			
12/3/2009	65	48	93%	0.31	42	N	C	1837	983	357	175	497	W5	P5			
12/4/2009	50	41	76%	0	39	N	C	1840	967	354	181	519	W2	P3			
12/5/2009	46	33	91%	0.68	24	Y	O;YC	1899	1007	367	183	525		T8	MW SEAS O; N C		
12/6/2009	39	30	69%	0.06	22	Y	O;YC	2024	1110	379	186	535		T12	NC		
12/7/2009	44	31	75%	0	25	Y	O;YC	2083	1143	387	189	553		J1	NC		
12/8/2009	45	35	75%	0	29	Y	O;YC	2130	1164	396	195	570			NC		
12/9/2009	53	37	93%	1.36	30	Y	O;YC	2119	1155	386	196	578			NC		
12/10/2009	49	31	77%	0	22	Y	O;YC	2169	1169	397	206	603		S13T1J1	F CAP + 25; N C		
12/11/2009	40	24	38%	0	14	Y	O;YC	2145	1156	387	203	602			NC		
12/12/2009	44	27	56%	0	20	Y	O;YC	2061	1079	379	203	603			NC		
12/13/2009	42	35	92%	0.43	30	Y	O;YC	2166	1164	392	206	610			NC		
12/14/2009	49	33	96%	0	28	N	C	2072	1042	380	220	650	M10	E10	DNC		
12/15/2009	58	43	92%	0	35	Y	O;YC	2169	1174	385	212	610		S5	NC		
12/16/2009	42	33	48%	0	23	Y	O	2264	1255	393	208	616		S10	Y O; N C		
12/17/2009	38	27	50%	0	16	Y	O	2240	1213	399	209	628		S9	NC		
12/18/2009	35	27	86%	0.07	20	Y	O	2225	1167	401	216	657		B1S10T1	NC		
12/19/2009	29	28	88%	0.44	10	Y	O;YXC	2188	1129	400	217	659	V11	S10T1J2	NC		
12/20/2009	36	27	78%	Trace	16	Y	O;YXC	2244	1176	409	217	659		B3S10J2	NC		
12/21/2009	41	24	74%	0	18	Y	O	2369	1183	419	219	767		B1S10J2	NC		
12/22/2009	40	26	75%	0	18	Y	O	2340	1246	409	226	685		S9J2	NC		
12/23/2009	39	30	69%	0	24	Y	O	2283	1217	405	219	661		B2S9	NC		
12/24/2009	39	25	63%	0	13	Y	O	2151	1091	395	219	665			NC		
12/25/2009	46	29	92%	0.56	23	Y	O	2154	1091	399	219	664		B4T2	NC		
12/26/2009	54	42	93%	0.88	38	Y	O	2174	1111	398	219	665		S6	NC		
12/27/2009	49	34	92%	0	31	Y	O	2206	1132	409	222	665		B2S5T2J1	NC		
12/28/2009	40	34	72%	0	24	Y	O	2348	1256	414	218	678		B7S14J3	NC		

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12/29/2009	35	29	47%	0	14 Y	O	2353	1280	420	218	653	B8S12T1J2	NC
12/30/2009	33	23	54%	0	14 Y	O	2331	1272	407	220	652	B10S19T1	NC
12/31/2009	36	31	88%	0.31	24 Y	O	2151	1082	397	225	672	B3	NC
1/1/2010	44	32	93%	0.12	20 Y	O	2218	1134	407	227	677	V13	NC
1/2/2010	30	21	49%	0	8 Y	O	2287	1204	407	227	676	V10	NC
1/3/2010	28	16	46%	0	-1 Y	O	2346	1245	425	227	676	B2S9T1J3	NC
1/4/2010	34	23	50%	0	11 Y	O	2389	1278	417	228	694	F	NC
1/5/2010	37	27	55%	Trace	16 Y	O	2433	1298	428	233	707	F5	NC
1/6/2010	39	29	61%	Trace	18 Y	O	2461	1309	434	238	718	F10	NC
1/7/2010	39	29	61%	Trace	19 Y	O	2489	1317	444	240	728	F12	NC
1/8/2010	32	23	92%	0.03	12 Y	O	2405	1263	431	237	711	F9	NC
1/9/2010	36	23	59%	0	13 Y	O	2385	1244	430	238	711	F10	NC
1/10/2010	32	19	55%	0	6 Y	O	2400	1272	431	234	697	F6	NC
1/11/2010	36	20	82%	0	11 Y	O	2453	1305	441	237	707	F9	NC
1/12/2010	35	29	53%	0	18 Y	O	2466	1315	439	236	712	F8	NC
1/13/2010	44	27	63%	0	19 Y	O	2472	1316	442	237	714	F9	NC
1/14/2010	50	26	80%	0	25 Y	O	2458	1302	427	244	729	F16	NC
1/15/2010	57	28	85%	0	22 Y	O	2402	1255	426	242	721	F14	NC
1/16/2010	52	31	88%	0	25 Y	O	2325	1195	409	242	721	F14	NC
1/17/2010	44	37	93%	0.66	33 Y	O	2384	1239	419	245	726	F17	NC
1/18/2010	56	39	82%	0	32 Y	O	2433	1285	429	243	719	F15	NC
1/19/2010	60	33	89%	Trace	29 Y	O	2441	1297	422	240	722	F12	NC
1/20/2010	44	35	75%	0.03	27 Y	O	2474	1314	437	244	723	F16	NC
1/21/2010	44	31	81%	0.06	25 Y	O	2455	1301	431	243	723	F15	NC
1/22/2010	44	36	85%	0.09	27 Y	O	2566	1247	426	267	893	F15	NC
1/23/2010	47	31	75%	0	24 Y	O	2545	1234	422	268	889	F16	NC
1/24/2010	57	36	87%	0.08	32 Y	O	2557	1242	415	271	900	F19	NC
1/25/2010	68	46	90%	0.28	37 Y	O	2615	1302	417	269	896	F17	NC
1/26/2010	47	36	59%	Trace	29 Y	O	2634	1310	423	271	901	F19	NC
1/27/2010	45	31	58%	0	25 Y	O	2654	1318	437	282	899	F30	NC
1/28/2010	54	28	72%	0	18 Y	O	2639	1337	422	278	880	F26	NC
1/29/2010	27	20	45%	0	5 Y	O	2625	1313	417	277	895	F25	NC
1/30/2010	23	18	80%	0.13	2 Y	O	2596	1267	411	284	918	F32	NC
1/31/2010	33	15	73%	Trace	2 Y	O	2640	1307	413	285	920	F33	NC
2/1/2010	39	20	70%	0	12 Y	O	2658	1319	405	285	934	F33	NC
2/2/2010	41	27	92%	0.16	19 Y	O	2671	1323	407	290	941	F38	NC
2/3/2010	42	30	93%	0.1	24 Y	O	2658	1319	406	288	933	F36	NC

2/4/2010	41	31	58%	0	22 Y	O	2466	1311	410	288	745	F36	B16S11G39
2/5/2010	37	33	88%	0.22	17 Y	O	2628	1250	408	298	970	F46	B12S10T2G49
2/6/2010	32	26	92%	0.77	10 Y	O	2652	1260	416	301	976	F49	D2B12S15T7G51
2/7/2010	32	16	71%	0	5 Y	O	2622	1224	424	300	974	F48	D3B10S11T7G51
2/8/2010	35	21	60%	0	11 Y	O	2678	1280	414	302	984	F50	D5B11S20T9P1G51
2/9/2010	36	22	78%	0.01	18 Y	O	2737	1353	417	298	967	F46	D5B16S25T7G47
2/10/2010	31	20	88%	0.53	3 Y	O	2727	1334	418	300	975	F48	B25S24T6G49
2/11/2010	40	30	61%	Trace	16 Y	O	2668	1334	414	293	920	F41	D5B16S5T8G42
2/12/2010	38	29	58%	0	19 Y	O	2666	1275	419	297	972	F45	D4B15S12T3G46
2/13/2010	34	28	61%	0	14 Y	O	2645	1260	416	297	969	F45	D5B4S13G46
2/14/2010	41	21	62%	0	11 Y	O	2699	1298	422	299	979	F47	D5B17S14G47
2/15/2010	39	19	85%	0.03	18 Y	O	2735	1330	425	299	980	F47	D3B20S13G48
2/16/2010	37	28	72%	Trace	17 Y	O	2800	1382	425	302	993	F50	D5L8B15S20U1H1G51
2/17/2010	37	25	63%	0	16 Y	O	2766	1351	413	302	1002	F50	D5B7S8G51
2/18/2010	43	34	56%	0	24 Y	O	2795	1366	431	304	998	F52	L11B12S24U2T2G54
2/19/2010	45	36	59%	0	25 Y	O	2706	1287	418	307	1001	F55	L8B17S20G57
2/20/2010	44	35	54%	0	27 Y	O	2688	1273	417	307	998	F55	B3S16G58
2/21/2010	50	30	72%	0	27 Y	O	2730	1311	423	306	996	F54	L7B12S22G57
2/22/2010	43	36	93%	0.27	32 Y	O	2824	1383	433	311	1008	F59	L14B10S23U7P5G62
2/23/2010	45	37	88%	Trace	29 Y	O	2794	1361	427	312	1006	F49	B14S17U2G52
2/24/2010	47	37	64%	0	29 Y	O	2784	1356	422	312	1006	F49	B9S21G52
2/25/2010	43	35	86%	0.01	20 Y	O	2796	1370	426	312	1000	F49V14	B14S28U1G56
2/26/2010	39	30	54%	Trace	17 Y	O	2775	1341	418	314	1016	F51V19	B9S24U4G57
2/27/2010	47	31	82%	Trace	24 Y	O	2683	1257	405	316	1021	F53V11	B3S11G56
2/28/2010	47	36	52%	0	28 Y	O	2751	1311	418	317	1022	F54V11	B7S23U3G57
3/1/2010	50	37	66%	0	30 N	O	2735	1284	423	320	1028	F57	B12S29G60
3/2/2010	43	37	72%	Trace	27 Y	O	2770	1315	411	323	1044	F60V7	B12S24U4G61
3/3/2010	42	37	85%	0.06	27 Y	O	2803	1326	417	325	1060	F62V13	B9S21U7G63
3/4/2010	48	35	59%	0	26 Y	O	2816	1330	421	327	1065	F64V17	B8S24U5H3G65
3/5/2010	52	36	46%	0	27 Y	O	2781	1299	424	325	1058	F62V11	B2S21U2H3G63
3/6/2010	54	33	51%	0	24 N	C	2542	1083	407	325	1052	W7F62	L12P7R3G63
3/7/2010	59	38	35%	0	31 N	C	2543	1100	405	322	1038	W5F59	P5R2G63
3/8/2010	62	37	44%	0	32 N	C	2559	1112	398	323	1049	M6F60	E6G61
3/9/2010	64	39	57%	0	35 N	C	2546	1093	407	322	1046	W7F59	P8G60
3/10/2010	65	43	68%	0	40 N	C	2531	1101	406	313	1024	W6F45	P6G46
3/11/2010	65	46	85%	0	43 N	C	2404	1060	355	302	989	W3F34	P5G37
3/12/2010	55	51	89%	0.56	51 N	C	2399	1076	401	284	922	W1F16	P8G20

F CAP + 11

F CAP + 5
NZC
(NZ O)

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3/13/2010	55	48	93%	0.6	40	N	C	2202	1036	408	239	758	W8	P8
3/14/2010	52	49	93%	0.29	41	N	C	2246	1073	407	242	766	W7	P8
3/15/2010	50	46	87%	0.07	36	N	C	2289	1104	403	241	782	W3	P5
3/16/2010	64	46	73%	Trace	39	N	C	2290	1096	407	241	787	W7	P7
3/17/2010	68	41	76%	0	41	N	C	2279	1101	403	238	775	W3	P5
3/18/2010	71	41	72%	0	41	N	C	2277	1090	404	237	783	W4	P5
3/19/2010	73	44	79%	0	41	N	C	2227	1026	400	243	801	W	P3
3/20/2010	74	46	76%	0	46	N	C	2192	999	398	241	795		P2
3/21/2010	76	49	71%	0	47	N	C	2226	1033	403	240	790	W3	P4
3/22/2010	65	53	87%	0.53	54	N	C	2163	1070	403	240	690	W3	P5
3/23/2010	54	45	70%	0.01	40	N	C	2301	1107	404	240	790	M1W4	E2P7
3/24/2010	68	48	58%	0.01	44	N	C	2275	1080	401	241	794	W1	P2
3/25/2010	74	47	68%	0.01	44	N	C	2283	1091	396	243	796		
3/26/2010	56	43	89%	0.34	28	Y	O	2360	1151	416	242	793	V5	
3/27/2010	49	33	44%	0	23	Y	O	2333	1118	412	244	803	V5	
3/28/2010	62	38	82%	Trace	32	Y	O	2401	1178	416	244	807	V1	
3/29/2010	57	51	92%	0.56	51	N	C	2322	1105	400	248	817	W	P4
3/30/2010	56	45	77%	0.02	37	N	C	2322	1113	404	247	805	M7W4	E7P5
3/31/2010	71	49	50%	Trace	43	N	C	2185	1029	349	249	807		P4

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NZ C

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