

2010 NRPN Intraregional Production Zone

Entry	Selection No.	Pedigree	Source
1	Kharkof	Kharkof	check
2	Overland	Overland	check
3	Wesley	Wesley	check
4	Jerry	Jerry	check
5	NX05M4180-6	92201D5-2-29 X 99 waxy bulk	ARS-LNK
6	NE06469	UNK	UNL
7	NE06607	NE98466=(KS89H50-4/NE90518(=BRL//SXL/BENN))/WESLEY	UNL
8	NE07521	R-236 (CO970901) =(YUMA/T-57//LAMAR/3/4*YUMA/4/NEW516)/NI00436	UNL
9	NE07531	HBK0630-4-5=(HBA142A/HBZ623A//ALE)/NE98574=(CO850267/RAWHIDE	UNL
10	NW07534	KS920709-B-5-2/NW98S061	UNL
11	NE07627	KS96HW10-3=(KS91HW29// RIO BLANCO/KS91H184)/WAHOO//NE99585	UNL
12	NI07703	R-148 (G97343) =(919021/B725//K92)	UNL
13	BC01007-7	W99-331/97x0906-8	AGRIPRO NORTH
14	00X0100-51	W95-301/W98-151	AGRIPRO NORTH
15	HV9W04-1594R	KS89180B-2-1-1/CMBW91M02959T//JGR	WestBred Haven
16	HV9W05-1125R	00KSULR-73/G980039	WestBred Haven
17	CA9W06-788	Jerry/CDC Falcon	WestBred-Fargo
18	CA9W07-817	CDC Falcon/Jerry	WestBred-Fargo
19	CA9W08-856	Jerry/CDC Falcon	WestBred-Fargo
20	BZ9W05-2039	Vanguard/BZ9W96-895	WestBred-Bozeman
21	BZ9W05-2043	Rampart/Kestrel	WestBred-Bozeman
22	SD05085-1	SD92107-2/TX96D2845	SDSU
23	SD05118-1	Wesley/NE93613	SDSU
24	SD05W030	SD98W302/NW97S186	SDSU
25	SD06069	Harry/Wesley//Jerry	SDSU
26	SD06158	Wesley/CDC Falcon	SDSU
27	SD07056	CDC Falcon/SD97060//Jagalene	SDSU
28	SD07126	SD92107-2/SD99W042	SDSU
29	SD07165	SD97250/SD99W006//Avalanche	SDSU
30	SD07184	Expedition/SD97W650//KS00H10-32-1-1	SDSU
31	SD07W053	Wendy/SD00W073//KS01HW54-1	SDSU
32	MTS0532	L'Govskaya 167/Rampart//MT9409	MT State
33	MTS0713	93X312E14/NuHorizon	MT State
34	MTS0721	DMS/Rampart//Pronghorn/3/2*Rampart	MT State



Hard Winter Wheat Quality Report 2010 NRPN-NP

1 - Test weight	10	11 - Flour protein	8
2 - SKCS kernel weight	8	12 - Bake absorption	15
3 - Kernel weight SD	8	13 - Mixograph absorption	5
4 - SKCS kernel diameter	8	14 - Bake mix time	10
5 - Kernel diameter SD	8	15 - Mixograph mix time	5
6 - SKCS hardness	10	16 - Mixograph tolerance	5
7 - Hardness SD	8	17 - Dough weight	
8 - Flour yield	30	18 - Proof height	2
9 - Flour ash	10	19 - Loaf volume	20
10 - Milling score		20 - Volume regression	5
		21 - Crumb grain	25

ID	Milling Score	Rating	%	Baking Score	Rating	%	1RS	Trait Deficiencies
Kharkof	40.8	Very Poor	65.3	53.0	Very Good	100.0		8,10,
Overland	58.2	Average	93.1	39.1	Good	73.8		3,5,12,16,17,
Wesley	62.0	Very Good	99.1	46.1	Very Good	87.1		14,
Jerry	50.6	Very Poor	80.8	43.1	Good	81.3		4,14,15,
NX05M4180-6	30.5	Very Poor	48.7	31.5	Average	59.4	1AL	1,8,10,15,16,21,
NE06469	61.8	Very Good	98.8	42.1	Very Good	79.4		12,17,
NE06607	62.5	Very Good	99.9	34.7	Average	65.6		15,
NE07521	53.1	Very Poor	84.8	27.7	Very Poor	52.3		1,16,
NE07531	57.0	Average	91.1	32.3	Poor	61.0		
NW07534	59.9	Good	95.7	31.1	Poor	58.8		5,14,15,21,
NE07627	57.5	Average	91.9	29.5	Very Poor	55.8		4,
NI07703	56.0	Poor	89.5	35.1	Average	66.3		16,21,
Wolf	59.6	Good	95.3	27.6	Very Poor	52.1		9,16,
SY Gold	60.6	Good	96.8	31.3	Poor	59.0		16,
HV9W04-1594R	58.0	Average	92.7	26.7	Very Poor	50.3	1BL	6,9,10,11,13,16,19,21,
HV9W05-1125R	59.4	Good	94.9	42.4	Very Good	80.0		16,21,
CA9W06-788	54.5	Very Poor	87.1	36.4	Average	68.7		21,
CA9W07-817	54.9	Poor	87.8	37.5	Good	70.7		21,
CA9W08-856	57.5	Average	91.9	39.7	Good	75.0		19,20,
BZ9W05-2039	58.4	Average	93.4	29.2	Very Poor	55.1		14,15,
BZ9W05-2043	61.9	Very Good	98.9	30.9	Poor	58.4		2,15,16,
SD05085-1	60.7	Good	97.0	44.5	Very Good	83.9		
SD05118-1	60.0	Good	95.9	41.1	Good	77.7		14,15,
SD05W030	62.6	Very Good	100.0	29.6	Poor	55.9	1BL	16,
SD06069	55.4	Poor	88.5	47.2	Very Good	89.1		14,15,
SD06158	56.1	Poor	89.7	29.4	Very Poor	55.5		14,15,
SD07056	61.0	Very Good	97.5	29.7	Poor	56.0		11,13,16,
SD07126	59.1	Good	94.4	41.8	Good	79.0		21,
SD07165	55.8	Poor	89.2	35.3	Average	66.7		14,15,
SD07184	58.2	Average	93.1	38.2	Good	72.2		

Quality scores and ratings are calculated directly from the relative trait weightings (printed at the top of the page) and are applicable only to the nursery selected.



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10 - Milling score		20 - Volume regression	5
		21 - Crumb grain	25

ID	Milling Score	Rating	%	Baking Score	Rating	%	1RS	Trait Deficiencies
SD07W053	48.4	Very Poor	77.4	34.3	Average	64.7	1BL	16,17,21,
MTS0532	55.0	Poor	87.9	28.2	Very Poor	53.3		3,14,15,
MTS0713	50.2	Very Poor	80.3	36.8	Average	69.5		3,9,15,21,
MTS0721	54.6	Poor	87.2	31.4	Poor	59.2		2,20,

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LINE	Wt/Bu (lb)	SKCS Average Kernel						Hardness			
		Moisture		Weight		Diameter		SKCS	Class	Distribution	
		(%)	(sd)	(mg)	(sd)	(mm)	(sd)				
								(sd)			
Kharkof	59.1	11.3	0.4	26.5	7.5	2.44	0.31	52 21	MIXED	16--26--26--32--03	
Overland	61.1	13.4	0.6	31.5	10.3	2.58	0.38	69 16	HARD	01--08--18--73--01	
Wesley	60.4	13.3	0.4	32.0	9.4	2.63	0.35	67 15	HARD	01--08--19--72--01	
Jerry	58.3	13.1	0.5	27.9	9.3	2.38	0.34	64 17	HARD	03--13--25--59--01	
NX05M4180-6	56.2	14.5	0.6	28.4	7.9	2.48	0.31	40 17	MIXED	35--33--18--14--03	
NE06469	60.9	13.6	0.5	32.3	8.7	2.61	0.33	67 15	HARD	01--08--23--68--01	
NE06607	60.0	12.7	0.6	30.3	8.5	2.55	0.32	67 17	HARD	03--09--18--70--01	
NE07521	56.6	12.9	0.5	30.3	8.8	2.50	0.36	66 15	HARD	03--06--23--68--01	
NE07531	59.6	13.3	0.6	29.4	8.0	2.52	0.33	60 19	HARD	06--17--26--51--02	
NW07534	60.0	12.8	0.5	32.7	9.1	2.64	0.37	78 15	HARD	00--01--08--91--01	
NE07627	60.1	13.0	0.6	26.1	7.2	2.36	0.28	62 17	HARD	05--12--26--57--01	
NI07703	59.9	12.8	0.6	30.6	9.7	2.54	0.34	64 16	HARD	03--10--25--62--01	
BC01007-7	61.5	13.6	0.5	28.2	8.3	2.44	0.32	75 16	HARD	01--03--11--85--01	
00X0100-51	60.5	12.6	0.7	27.9	8.2	2.51	0.33	81 16	HARD	00--03--07--90--01	
HV9W04-1594R	60.3	13.3	0.5	27.6	7.0	2.49	0.28	89 17	HARD	00--01--03--96--01	
HV9W05-1125R	60.8	12.7	0.5	26.7	7.6	2.42	0.28	74 15	HARD	00--03--12--85--01	
CA9W06-788	59.5	12.4	0.5	27.7	8.1	2.45	0.33	68 15	HARD	01--06--20--73--01	
CA9W07-817	61.2	13.3	0.5	28.3	8.4	2.45	0.30	71 15	HARD	01--05--18--76--01	
CA9W08-856	61.9	12.4	0.5	28.7	8.4	2.45	0.30	69 15	HARD	00--08--17--75--01	
BZ9W05-2039	60.4	12.2	0.5	26.9	7.3	2.41	0.29	73 16	HARD	00--04--14--82--01	
BZ9W05-2043	60.0	12.6	0.5	25.7	8.0	2.43	0.29	71 16	HARD	01--06--18--75--01	
SD05085-1	61.7	12.5	0.6	30.7	9.0	2.52	0.33	61 16	HARD	04--13--25--58--01	
SD05118-1	61.1	12.5	0.6	28.3	8.3	2.49	0.34	71 16	HARD	01--06--13--80--01	
SD05W030	61.4	12.7	0.7	30.3	7.5	2.54	0.31	74 13	HARD	00--02--11--87--01	
SD06069	60.8	12.0	0.7	26.5	7.8	2.40	0.30	64 17	HARD	03--10--26--61--01	
SD06158	60.9	12.5	0.6	27.9	8.2	2.45	0.30	65 17	HARD	01--10--24--65--01	
SD07056	61.6	12.6	0.7	32.0	8.5	2.59	0.32	69 17	HARD	01--10--17--72--01	
SD07126	61.3	11.9	0.8	29.1	8.1	2.46	0.33	70 16	HARD	01--06--20--73--01	
SD07165	60.7	12.4	0.7	29.3	9.1	2.51	0.34	68 17	HARD	01--07--22--70--01	
SD07184	60.2	12.3	0.8	28.2	8.1	2.46	0.30	70 16	HARD	00--06--17--77--01	
SD07W053	58.8	12.7	0.7	27.7	8.9	2.46	0.32	69 18	HARD	02--08--17--73--01	
MTS0532	60.1	12.8	0.7	30.3	10.6	2.43	0.35	61 16	HARD	04--15--28--53--01	
MTS0713	60.4	12.5	0.8	29.4	9.9	2.57	0.35	76 17	HARD	02--04--11--83--01	
MTS0721	59.5	10.8	0.5	25.8	7.8	2.47	0.33	78 19	HARD	02--04--07--87--01	

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LINE	Wheat		Flour			Noodle Color					
	Protein	Milling Yield	Ash	Protein	PPO	L @ 0	a @ 0	b @ 0	Delta L 24 hrs	Delta a 24 hrs	Delta b 24 hrs
	(%)	(%)	(%)	(%)							
Kharkof	14.1	63.4	0.39	12.4	0.513	82.16	-2.21	22.71	-12.23	1.17	2.60
Overland	11.5	70.6	0.41	10.3	0.520	80.03	-1.94	23.46	-8.51	0.85	2.16
Wesley	12.4	71.4	0.39	11.5	0.628	82.21	-1.92	20.63	-11.36	1.04	3.63
Jerry	13.5	68.3	0.37	12.6	0.591	81.87	-2.41	25.20	-11.70	1.36	1.87
NX05M4180-6	11.7	56.3	0.41	10.6	0.542	85.76	-3.78	24.00	-12.50	1.68	6.26
NE06469	11.7	70.5	0.39	10.4	0.673	81.69	-2.54	23.50	-12.58	1.79	3.79
NE06607	12.5	71.9	0.35	11.6	0.605	81.96	-2.41	22.84	-12.27	1.62	1.99
NE07521	11.9	68.8	0.40	11.0	0.509	81.13	-2.06	23.87	-10.96	1.30	1.99
NE07531	11.4	70.5	0.36	10.3	0.564	82.05	-2.48	24.60	-9.96	1.39	1.71
NW07534	12.6	68.9	0.38	11.2	0.676	82.52	-2.24	22.97	-10.51	1.05	2.96
NE07627	11.9	70.3	0.39	10.8	0.590	81.62	-2.00	23.06	-12.12	1.29	3.98
NI07703	11.8	69.7	0.38	11.0	0.634	82.17	-2.10	23.32	-11.37	0.95	4.39
BC01007-7	11.9	70.1	0.43	10.8	0.692	81.56	-2.49	27.02	-11.35	1.26	1.05
00X0100-51	11.9	69.4	0.37	10.7	0.490	80.97	-2.02	23.39	-10.71	1.01	3.32
HV9W04-1594R	11.2	67.7	0.45	10.0	0.373	82.62	-2.28	23.60	-11.90	1.37	4.65
HV9W05-1125R	12.3	69.4	0.43	11.3	0.539	82.83	-2.10	21.21	-12.32	0.82	6.14
CA9W06-788	12.8	67.9	0.41	11.8	0.551	82.73	-1.90	21.94	-11.69	0.69	4.66
CA9W07-817	12.6	66.9	0.40	11.8	0.548	82.35	-2.48	24.25	-10.27	0.98	3.22
CA9W08-856	12.2	67.6	0.36	11.4	0.510	83.58	-2.49	22.72	-12.54	1.26	3.75
BZ9W05-2039	12.6	68.5	0.37	11.8	0.594	82.89	-1.87	21.70	-12.02	1.28	2.83
BZ9W05-2043	12.4	72.3	0.39	11.8	0.664	81.26	-2.00	23.83	-12.50	1.23	1.55
SD05085-1	11.9	71.7	0.40	10.9	0.441	82.49	-2.58	24.42	-10.58	1.16	1.60
SD05118-1	12.3	70.5	0.38	11.3	0.544	81.91	-2.79	24.65	-9.56	1.10	1.18
SD05W030	11.8	68.7	0.38	10.9	0.337	82.61	-2.73	25.54	-8.74	0.75	3.50
SD06069	12.9	68.1	0.36	12.0	0.603	82.65	-2.11	21.90	-11.12	1.01	1.40
SD06158	12.4	68.1	0.36	11.8	0.611	83.25	-1.64	17.91	-12.38	0.81	4.75
SD07056	11.0	70.3	0.40	10.0	0.478	82.01	-1.85	21.98	-8.57	0.35	2.50
SD07126	12.8	69.2	0.36	11.7	0.678	82.04	-2.22	23.82	-11.23	1.36	1.41
SD07165	11.8	68.8	0.38	10.9	0.578	83.21	-2.24	22.04	-11.23	0.98	4.17
SD07184	12.9	69.1	0.37	12.0	0.642	81.05	-2.38	23.52	-11.13	1.75	2.11
SD07W053	13.5	66.5	0.42	12.7	0.599	80.36	-2.52	27.66	-11.43	1.23	1.39
MTS0532	13.2	70.1	0.36	12.3	0.563	82.43	-2.68	25.31	-10.50	1.23	1.68
MTS0713	12.3	66.1	0.44	11.4	0.643	80.64	-1.88	24.53	-10.23	0.73	2.55
MTS0721	12.7	68.7	0.41	11.5	0.687	80.95	-2.31	24.09	-11.38	1.23	0.72

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	Flour Protein	Mixograph			
		Absorption	As-Is	Corrected	Tolerance
Line	(%)	(%)	(min)	(min)	
Kharkof	12.4	63.6	4.50	4.50	4
Overland	10.3	60.1	3.38	2.68	1
Wesley	11.5	62.6	5.00	4.71	4
Jerry	12.6	63.9	5.38	5.38	4
NX05M4180-6	10.6	60.7	2.00	1.68	2
NE06469	10.4	60.4	3.75	3.05	3
NE06607	11.6	62.7	5.38	5.10	4
NE07521	11.0	60.7	4.25	3.73	2
NE07531	10.3	60.2	4.50	3.61	3
NW07534	11.2	63.1	5.50	4.98	5
NE07627	10.8	61.0	4.88	4.19	4
NI07703	11.0	60.7	4.00	3.50	2
BC01007-7	10.8	59.9	5.13	4.38	2
00X0100-51	10.7	60.7	3.38	2.85	2
HV9W04-1594R	10.0	59.7	4.13	3.15	2
HV9W05-1125R	11.3	61.8	3.00	2.75	2
CA9W06-788	11.8	62.6	4.88	4.76	3
CA9W07-817	11.8	62.6	5.25	5.15	5
CA9W08-856	11.4	63.0	5.13	4.78	4
BZ9W05-2039	11.8	63.2	6.13	6.01	4
BZ9W05-2043	11.8	61.6	5.50	5.38	2
SD05085-1	10.9	61.1	4.50	3.89	3
SD05118-1	11.3	63.3	5.63	5.17	5
SD05W030	10.9	61.1	4.38	3.79	2
SD06069	12.0	63.4	6.75	6.72	4
SD06158	11.8	62.1	7.13	6.96	4
SD07056	10.0	59.7	3.13	2.40	2
SD07126	11.7	62.4	4.75	4.57	4
SD07165	10.9	61.1	6.50	5.65	5
SD07184	12.0	62.8	4.38	4.36	4
SD07W053	12.7	60.1	4.00	4.00	2
MTS0532	12.3	61.9	6.00	6.00	3
MTS0713	11.4	61.0	6.00	5.57	4
MTS0721	11.5	61.5	4.50	4.22	3

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Line	RVA							
	Stirring Number	Peak Viscosity	Trough Viscosity	Breakdown	Final Viscosity	Set back	Peak Time	Pasting Temp
	(RVU)	(RVU)	(RVU)	(RVU)	(RVU)	(RVU)	(min)	(Deg. C)
Kharkof	156.58	227.58	158.92	68.67	270.92	112.00	6.40	87.30
Overland	147.75	218.75	155.17	63.58	268.08	112.92	6.27	86.45
Wesley	138.17	221.25	156.08	65.17	272.92	116.83	6.27	86.40
Jerry	151.75	221.08	170.83	50.25	292.00	121.17	6.40	86.40
NX05M4180-6	79.25	109.33	62.83	46.50	101.08	38.25	4.20	69.45
NE06469	160.42	239.83	172.08	67.75	288.67	116.58	6.40	86.40
NE06607	139.92	263.92	167.83	96.08	261.25	93.42	6.47	86.55
NE07521	143.92	229.83	164.83	65.00	286.25	121.42	6.33	86.45
NE07531	149.58	262.58	188.83	73.75	312.25	123.42	6.40	86.60
NW07534	153.83	235.67	172.75	62.92	284.75	112.00	6.47	86.50
NE07627	134.33	225.67	158.92	66.75	274.92	116.00	6.33	86.45
NI07703	134.92	245.42	161.08	84.33	274.33	113.25	6.33	84.80
BC01007-7	120.42	203.75	138.42	65.33	249.08	110.67	6.20	84.90
00X0100-51	140.83	221.17	158.92	62.25	280.50	121.58	6.27	86.55
HV9W04-1594R	154.83	214.50	143.92	70.58	249.92	106.00	6.33	86.50
HV9W05-1125R	149.00	239.00	175.25	63.75	299.00	123.75	6.40	86.50
CA9W06-788	159.58	244.42	186.33	58.08	316.67	130.33	6.47	86.60
CA9W07-817	154.75	209.08	161.00	48.08	277.92	116.92	6.33	87.50
CA9W08-856	170.50	235.25	188.67	46.58	314.08	125.42	6.47	86.55
BZ9W05-2039	137.25	215.50	150.17	65.33	269.17	119.00	6.20	85.55
BZ9W05-2043	138.58	226.50	160.42	66.08	283.08	122.67	6.33	86.45
SD05085-1	138.17	223.92	157.42	66.50	280.75	123.33	6.27	86.50
SD05118-1	157.50	246.83	176.25	70.58	304.92	128.67	6.33	86.40
SD05W030	164.50	226.92	168.50	58.42	289.50	121.00	6.40	86.40
SD06069	163.25	220.00	173.92	46.08	294.00	120.08	6.47	86.55
SD06158	157.92	223.83	177.33	46.50	298.08	120.75	6.47	87.35
SD07056	150.50	225.83	162.75	63.08	282.25	119.50	6.33	86.50
SD07126	161.67	263.00	187.92	75.08	305.08	117.17	6.47	86.55
SD07165	152.83	230.50	169.92	60.58	297.08	127.17	6.33	86.45
SD07184	152.42	236.17	169.33	66.83	286.75	117.42	6.40	86.40
SD07W053	162.25	243.25	177.33	65.92	297.58	120.25	6.47	86.40
MTS0532	145.00	239.50	165.50	74.00	289.25	123.75	6.33	84.90
MTS0713	141.75	222.67	152.42	70.25	266.58	114.17	6.40	88.20
MTS0721	137.75	241.50	168.75	72.75	290.92	122.17	6.40	86.50

2010 NRPN Intraregional Production Zone

Northern Plains

Line	Flour		Mix Time		Dough					
	Protein	Water Abs.	As-is	Corrected	Weight	Proof Height	Crumb Grain	As-Rec'd.	Specific Volume	Loaf Volume Potential
	(%)	(%)	(min)	(min)	(g)	(cm)		(cc)	(cc/g)	(cc/%)
Kharkof	12.4	63.7	5.75	5.75	172.5	7.6	3.0	925	6.1	67
Overland	10.3	59.3	4.00	3.17	168.2	7.1	3.0	830	5.7	72
Wesley	11.5	62.3	7.50	7.07	171.0	7.1	4.0	880	5.9	68
Jerry	12.6	63.9	7.25	7.25	172.3	7.3	3.0	875	5.9	60
NX05M4180-6	10.6	60.9	3.50	2.93	170.3	7.1	0.0	910	6.1	79
NE06469	10.4	60.0	5.63	4.57	168.9	7.0	3.0	820	5.5	69
NE06607	11.6	62.6	7.00	6.63	171.2	7.1	3.5	930	6.2	73
NE07521	11.0	61.3	6.50	5.70	169.5	7.1	2.5	800	5.4	62
NE07531	10.3	61.6	7.00	5.61	170.1	7.3	3.5	900	6.1	81
NW07534	11.2	63.6	7.75	7.02	172.1	7.0	2.0	795	5.3	60
NE07627	10.8	61.2	6.25	5.37	169.7	7.0	2.5	810	5.5	65
NI07703	11.0	60.2	4.75	4.16	169.3	7.1	1.8	855	5.8	69
BC01007-7	10.8	61.2	6.13	5.23	169.8	7.2	2.5	820	5.5	66
00X0100-51	10.7	61.4	5.50	4.64	170.3	7.0	2.5	805	5.4	65
HV9W04-1594R	10.0	60.8	5.88	4.48	169.4	6.9	1.5	765	5.1	65
HV9W05-1125R	11.3	62.3	5.00	4.59	171.5	7.2	2.0	870	5.8	68
CA9W06-788	11.8	62.9	7.00	6.83	172.1	7.1	2.0	860	5.7	64
CA9W07-817	11.8	62.9	6.75	6.62	171.5	7.3	2.0	850	5.6	62
CA9W08-856	11.4	63.4	6.25	5.82	172.0	7.0	3.0	775	5.1	56
BZ9W05-2039	11.8	63.2	9.00	8.83	172.0	7.2	4.5	885	5.9	66
BZ9W05-2043	11.8	62.3	7.13	6.97	171.2	7.6	3.5	910	6.1	69
SD05085-1	10.9	63.4	6.63	5.74	170.0	7.2	3.0	880	5.9	73
SD05118-1	11.3	63.6	7.75	7.12	172.3	7.3	3.0	880	5.9	69
SD05W030	10.9	61.5	5.63	4.88	170.6	7.0	3.5	790	5.2	62
SD06069	12.0	63.5	8.63	8.59	171.5	7.3	4.0	935	6.3	71
SD06158	11.8	63.4	9.50	9.28	172.0	7.3	4.5	895	6.0	68
SD07056	10.0	61.3	4.50	3.44	170.5	6.9	3.5	790	5.2	68
SD07126	11.7	62.4	6.25	6.01	171.1	7.1	2.0	900	6.1	69
SD07165	10.9	61.9	11.00	9.55	169.8	7.1	3.0	845	5.7	68
SD07184	12.0	62.3	5.75	5.72	170.7	7.2	2.5	875	5.9	64
SD07W053	12.7	60.0	5.75	5.75	168.4	7.0	1.5	875	5.9	59
MTS0532	12.3	62.7	8.00	8.00	170.8	7.2	2.5	900	6.1	65
MTS0713	11.4	61.8	6.75	6.27	170.3	7.5	1.0	940	6.4	76
MTS0721	11.5	61.3	5.50	5.16	169.8	7.0	2.5	795	5.3	58