

*Institute of Paper Science
and Technology*

BASE-LINE
1st HALF, 1992

CONTINUOUS BASE-LINE STUDY (MODIFIED)
(MILL LINERBOARD DATA FOR JAN-FEB, MAR-APR, MAY-JUN, 1992)

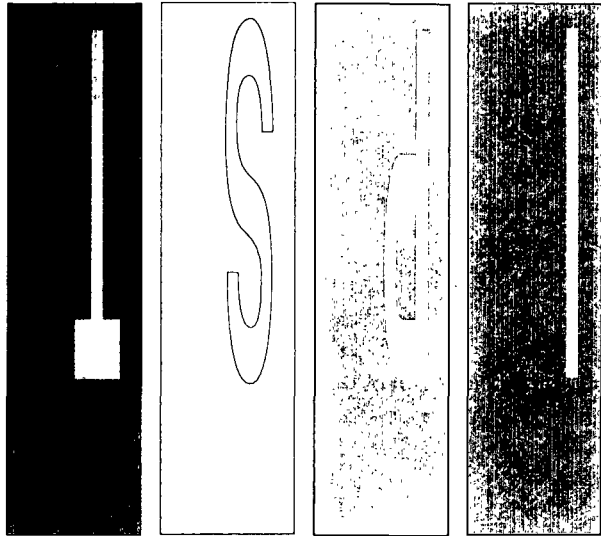
A Progress Report

to

THE CONTAINERBOARD & KRAFT PAPER GROUP

OF THE

AMERICAN PAPER INSTITUTE



Atlanta, Georgia

Project 2694-1

Report One-Hundred Eleven

September 1, 1992



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THE INSTITUTE OF PAPER SCIENCE AND TECHNOLOGY
Atlanta, Georgia

CONTINUOUS BASE—LINE STUDY (MODIFIED)
(MILL LINERBOARD DATA FOR JAN—FEB, MAR—APR, MAY—JUN, 1992)

SUMMARY

**PART I: SUMMARY OF MOISTURE CONTENT DATA
(JAN—JUN, 1992)**

MOISTURE CONTENT, %

Linerboard Grade Wt.		JAN—FEB		MAR—APR		MAY—JUN	
26 Lb.	Max.	7.2		7.2		7.2	
	Min.	4.8		4.7		4.8	
	Ave.	5.7	(15)	5.7	(15)	5.8	(15)
33 Lb.	Max.	7.1		7.1		7.2	
	Min.	4.1		4.8		4.2	
	Ave.	6.0	(24)	5.9	(28)	5.9	(27)
38 Lb.	Max.	6.7		6.7		6.7	
	Min.	5.4		5.8		5.6	
	Ave.	6.1	(14)	6.1	(14)	6.1	(15)
42 Lb.	Max.	7.1		7.1		7.2	
	Min.	4.7		5.0		4.8	
	Ave.	6.1	(42)	6.1	(40)	6.1	(43)
69 Lb.	Max.	7.6		7.6		7.6	
	Min.	5.6		5.7		4.8	
	Ave.	6.5	(27)	6.5	(27)	6.5	(27)
90 Lb.	Max.	8.0		7.9		8.0	
	Min.	6.0		5.9		5.9	
	Ave.	6.7	(12)	6.7	(11)	6.8	(11)

Max. and Min. values are current machine averages.

Ave. is current C.K.P.G. average, number of machines is indicated in parentheses.

**Part II: SUMMARY OF ADJUSTED BASIS WEIGHT DATA
(JAN-JUN, 1992)**

Adjusted Basis Weight, Lb/M sq ft

Linerboard Grade Wt.		JAN-FEB		MAR-APR		MAY-JUN	
26 Lb.	Max.	27.5		28.2		29.4	
	Min.	25.8		26.0		25.9	
	Ave.	26.6	(15)	26.7	(15)	26.8	(15)
33 Lb.	Max.	34.6		37.7		35.9	
	Min.	32.4		26.3		32.8	
	Ave.	33.6	(24)	33.5	(28)	33.7	(27)
38 Lb.	Max.	38.9		39.1		39.9	
	Min.	38.2		38.1		33.5	
	Ave.	38.5	(14)	38.6	(14)	38.3	(15)
42 Lb.	Max.	43.8		43.7		45.3	
	Min.	41.6		41.0		41.7	
	Ave.	42.6	(42)	42.5	(40)	42.6	(43)
69 Lb.	Max.	71.0		71.1		71.0	
	Min.	68.2		68.1		67.9	
	Ave.	69.6	(27)	69.5	(27)	69.5	(26)
90 Lb.	Max.	92.2		91.9		91.9	
	Min.	88.0		88.7		86.1	
	Ave.	90.3	(11)	90.5	(11)	90.3	(11)

Max. and Min. values are current machine averages.

Ave. is current C.K.P.G. average, number of machines is indicated in parentheses.

**Part III: SUMMARY OF CALIPER DATA
(JAN-JUN, 1992)**

Caliper, pt.

Linerboard Grade Wt.		JAN-FEB		MAR-APR		MAY-JUN	
26 Lb.	Max.	8.4		8.6		8.5	
	Min.	6.5		6.7		6.6	
	Ave.	7.5	(15)	7.7	(15)	7.6	(15)
33 Lb.	Max.	11.3		10.9		10.4	
	Min.	8.2		8.1		5.7	
	Ave.	9.4	(24)	9.3	(28)	9.1	(27)
38 Lb.	Max.	11.2		11.3		14.3	
	Min.	9.4		9.5		9.3	
	Ave.	10.4	(14)	10.4	(14)	10.5	(14)
42 Lb.	Max.	12.6		12.3		12.6	
	Min.	10.3		10.3		10.1	
	Ave.	11.4	(41)	11.4	(39)	11.4	(43)
69 Lb.	Max.	21.2		20.2		20.4	
	Min.	16.7		17.1		16.6	
	Ave.	18.6	(26)	18.7	(26)	18.4	(27)
90 Lb.	Max.	25.8		26.0		25.5	
	Min.	22.5		23.2		20.8	
	Ave.	24.6	(10)	24.7	(10)	24.0	(11)

Max. and Min. values are current machine averages.

Ave. is current C.K.P.G. average, number of machines is indicated in parentheses.

**Part IV: SUMMARY OF BURSTING STRENGTH DATA
(JAN-JUN, 1992)**

Bursting Strength, psig

Linerboard Grade Wt.		JAN-FEB		MAR-APR		MAY-JUN	
26 Lb.	Max.	84.0		79.2		91.8	
	Min.	65.5		65.3		63.8	
	Ave.	72.3	(15)	73.2	(15)	74.9	(15)
33 Lb.	Max.	110.0		106.2		109.4	
	Min.	77.5		72.7		76.7	
	Ave.	89.7	(24)	89.0	(28)	90.2	(27)
38 Lb.	Max.	115.1		120.3		118.5	
	Min.	91.5		91.5		82.1	
	Ave.	101.0	(14)	101.8	(14)	100.0	(16)
42 Lb.	Max.	128.5		127.8		130.9	
	Min.	91.5		91.5		100.0	
	Ave.	107.9	(42)	108.0	(40)	109.6	(43)
69 Lb.	Max.	179.4		177.3		179.6	
	Min.	130.5		132.0		132.5	
	Ave.	148.3	(27)	150.0	(27)	150.5	(27)
90 Lb.	Max.	193.6		188.0		196.1	
	Min.	160.0		164.0		162.0	
	Ave.	177.7	(11)	180.1	(11)	179.3	(11)

Max. and Min. values are current machine averages.

Ave. is current C.K.P.G. average, number of machines is indicated in parentheses.

**Part V: SUMMARY OF CD RING CRUSH DATA
(JAN-JUN, 1992)**

CD Ring Crush, lb

Linerboard Grade Wt.		JAN-FEB		MAR-APR		MAY-JUN	
26 Lb.	Max.	53.1		58.5		58.1	
	Min.	34.0		39.4		32.0	
	Ave.	41.8	(9)	46.3	(6)	43.4	(7)
33 Lb.	Max.	74.5		75.5		75.5	
	Min.	47.0		51.0		45.0	
	Ave.	63.2	(15)	63.5	(17)	64.9	(16)
38 Lb.	Max.	89.7		88.2		88.3	
	Min.	70.5		72.0		64.0	
	Ave.	79.0	(9)	80.7	(11)	76.8	(12)
42 Lb.	Max.	105.9		99.8		109.8	
	Min.	72.0		69.0		66.0	
	Ave.	85.8	(30)	86.0	(28)	84.7	(29)
69 Lb.	Max.	171.0		173.1		159.8	
	Min.	116.5		114.0		111.0	
	Ave.	134.6	(20)	136.5	(20)	134.7	(20)
90 Lb.	Max.	207.5		217.0		203.2	
	Min.	147.5		147.0		159.9	
	Ave.	168.9	(9)	174.5	(9)	174.8	(9)

Max. and Min. values are current machine averages.

Ave. is current C.K.P.G. average, number of machines is indicated in parentheses.

Part VI: SUMMARY OF STFI DATA
(JAN-JUN, 1992)

CD STFI, lb/in

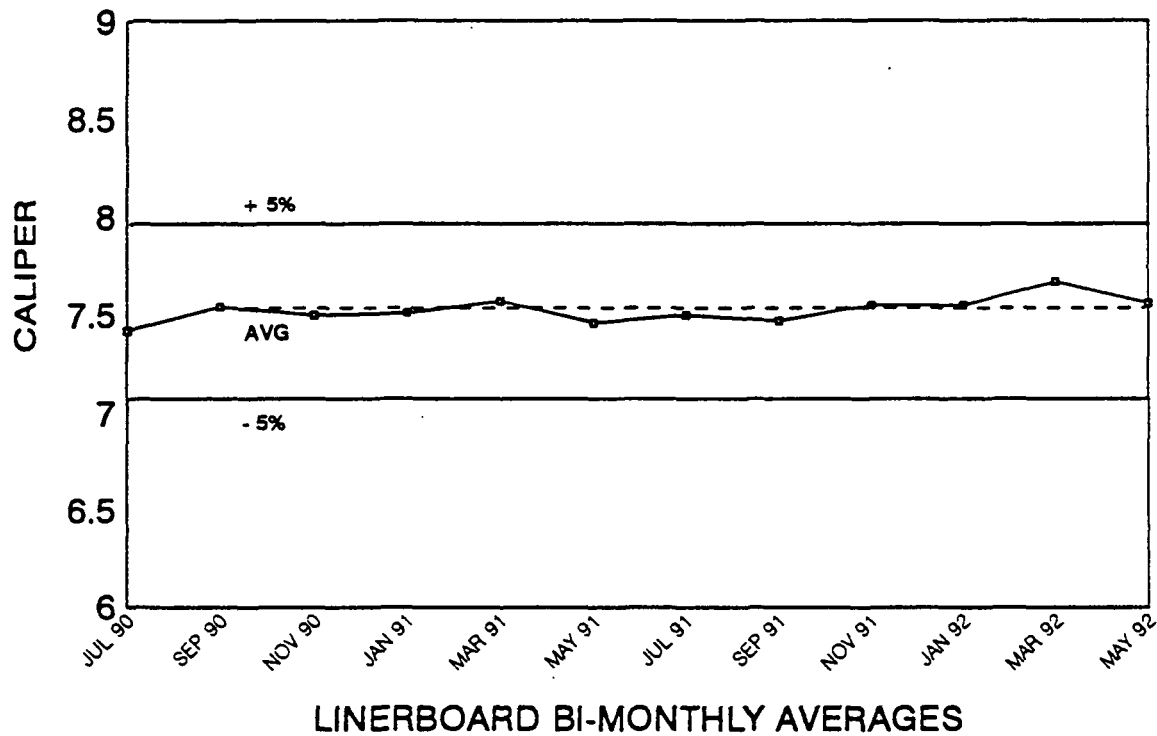
Linerboard Grade Wt.		JAN-FEB		MAR-APR		MAY-JUN	
26 Lb.	Max.	17.5		15.0		15.0	
	Min.	11.9		12.2		12.1	
	Ave.	13.3	(9)	12.9	(7)	13.0	(8)
33 Lb.	Max.	18.0		20.3		20.2	
	Min.	14.4		14.9		14.1	
	Ave.	16.5	(14)	16.9	(14)	16.7	(15)
38 Lb.	Max.	22.0		22.0		22.0	
	Min.	17.7		17.9		17.5	
	Ave.	19.5	(7)	19.6	(6)	19.4	(7)
42 Lb.	Max.	31.1		26.4		23.0	
	Min.	17.9		17.7		18.1	
	Ave.	20.9	(24)	21.0	(22)	20.5	(24)
69 Lb.	Max.	40.4		35.7		37.2	
	Min.	25.6		23.4		27.7	
	Ave.	32.1	(15)	32.1	(15)	32.3	(15)
90 Lb.	Max.	48.6		47.7		49.5	
	Min.	37.0		40.0		42.4	
	Ave.	43.0	(4)	43.8	(4)	45.2	(5)

Max. and Min. values are current machine averages.

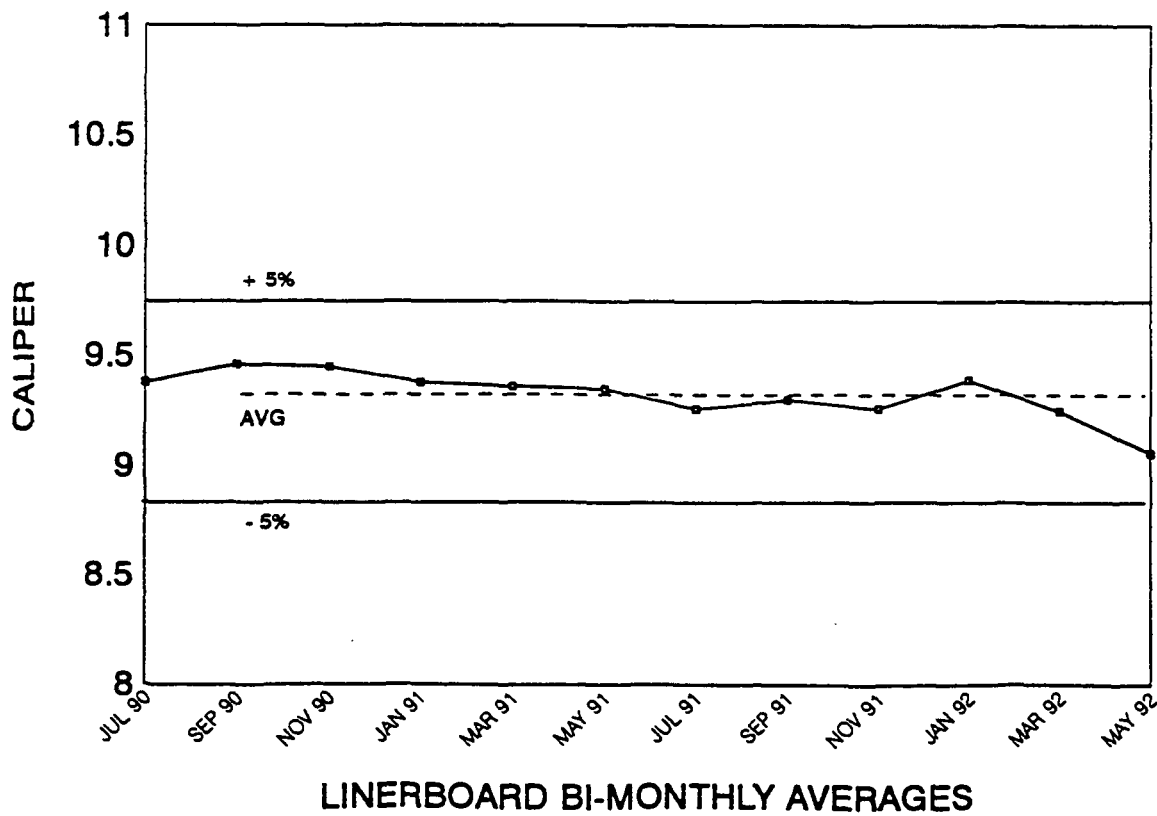
Ave. is current C.K.P.G. average, number of machines is indicated in parentheses.

2 YEAR TREND PLOT FOR CALIPER

→ 26 LB

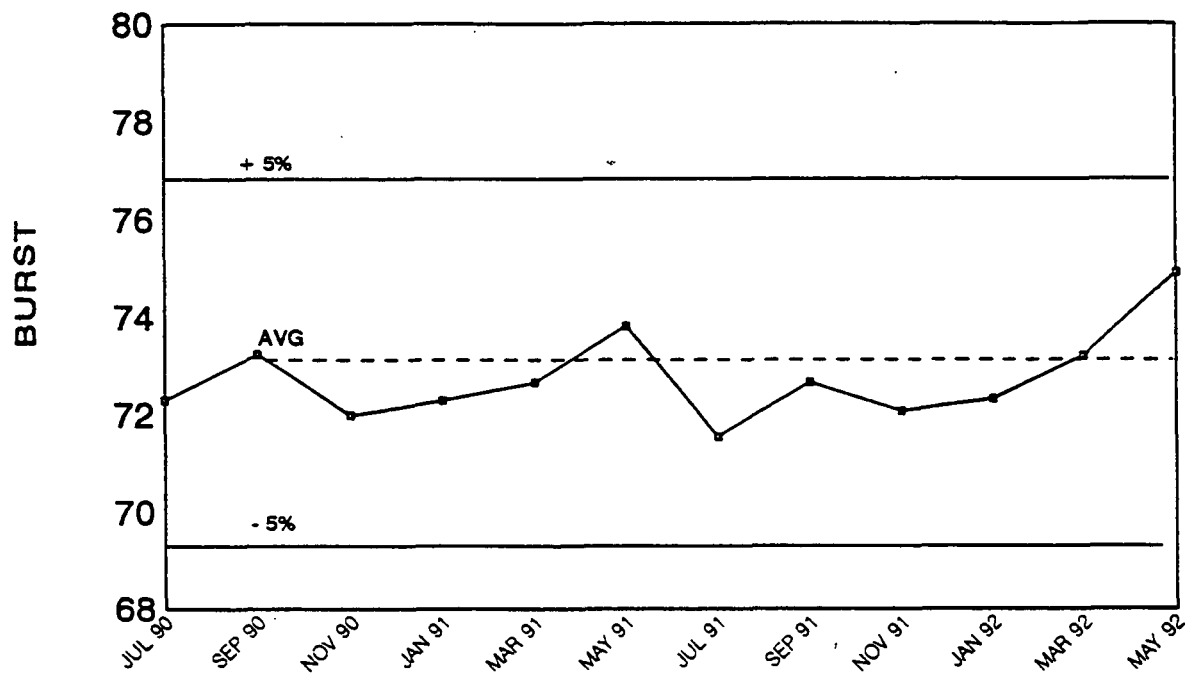


→ 33 LB



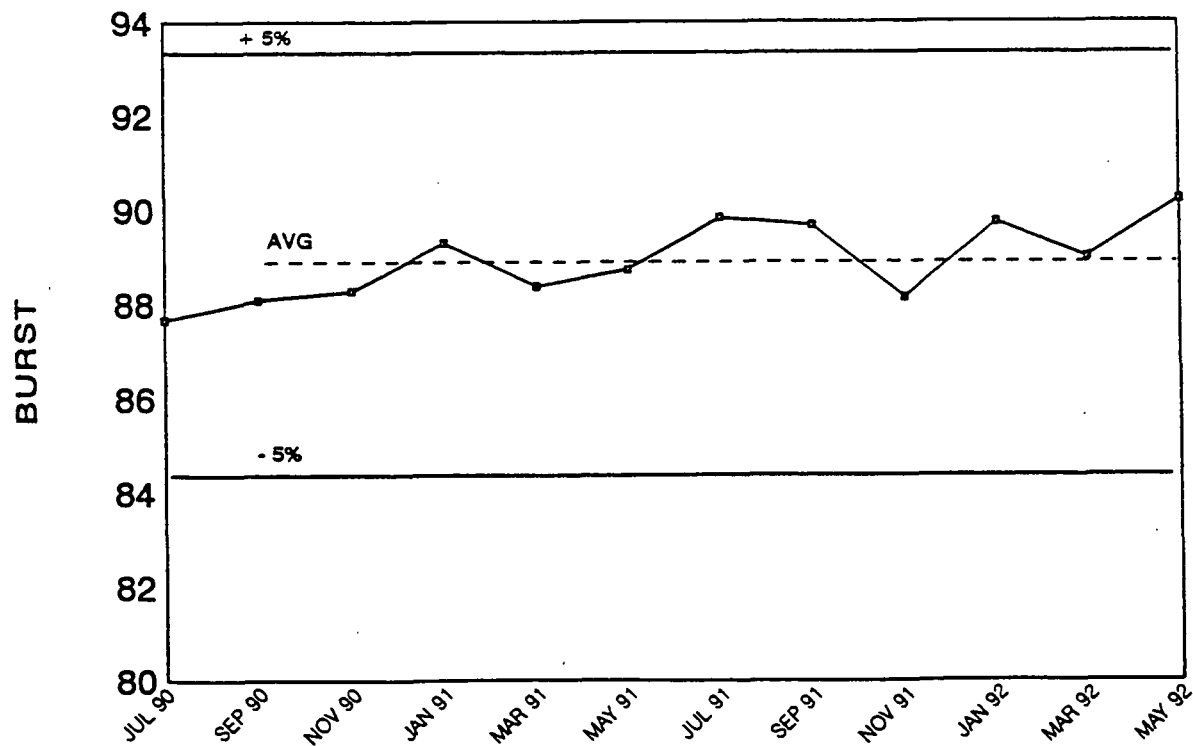
2 YEAR TREND PLOT FOR BURST

• 26 LB



LINERBOARD BI-MONTHLY AVERAGES

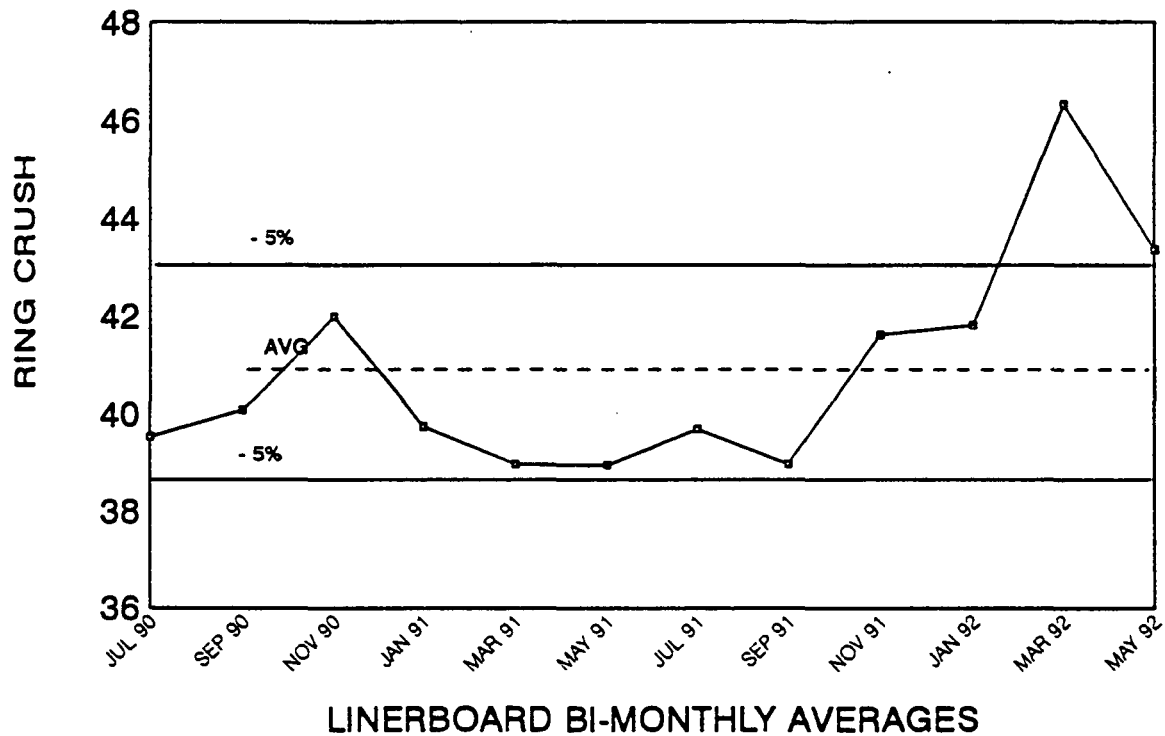
• 33 LB



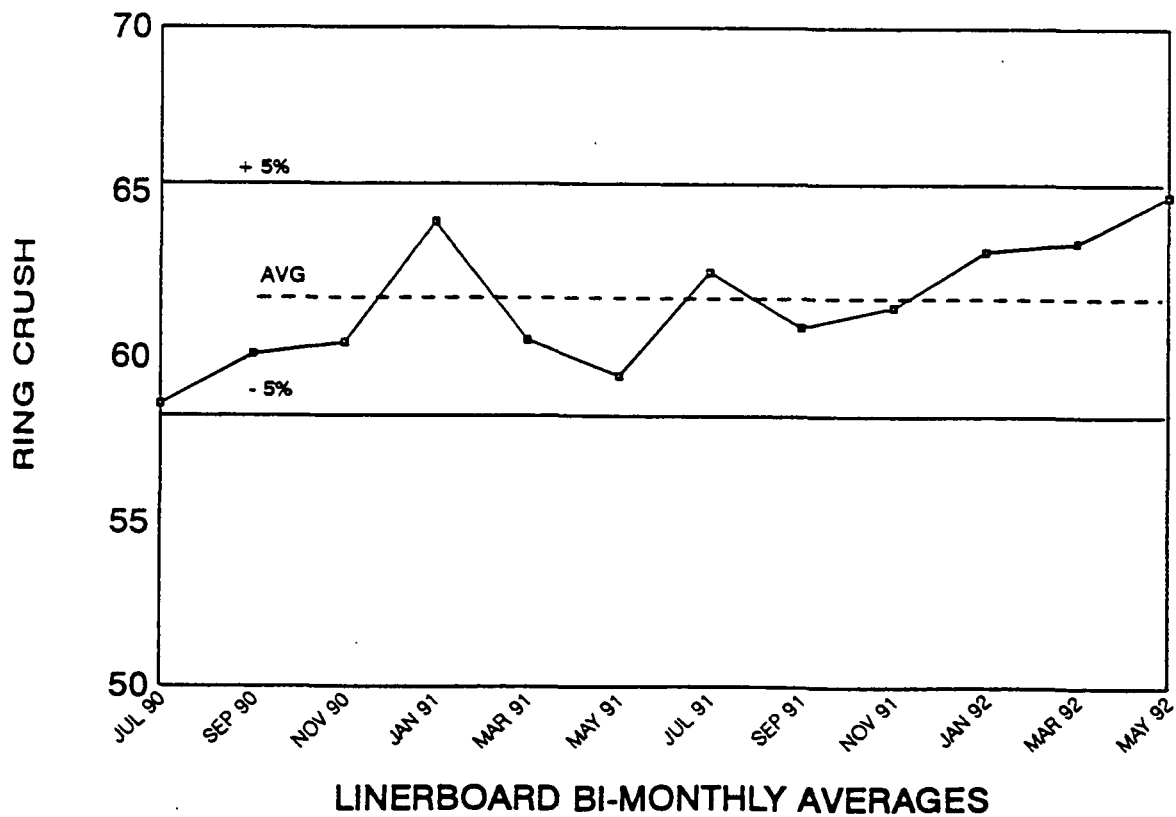
LINERBOARD BI-MONTHLY AVERAGES

2 YEAR TREND PLOT FOR RING CRUSH

+ 26 LB

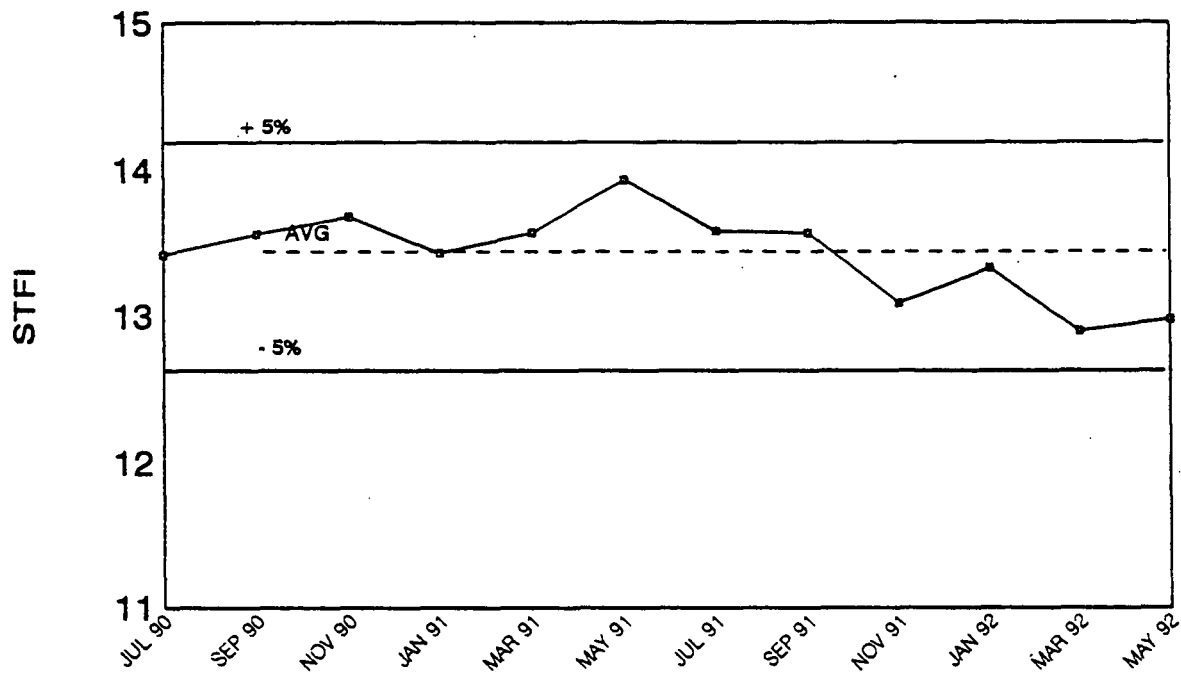


+ 33 LB

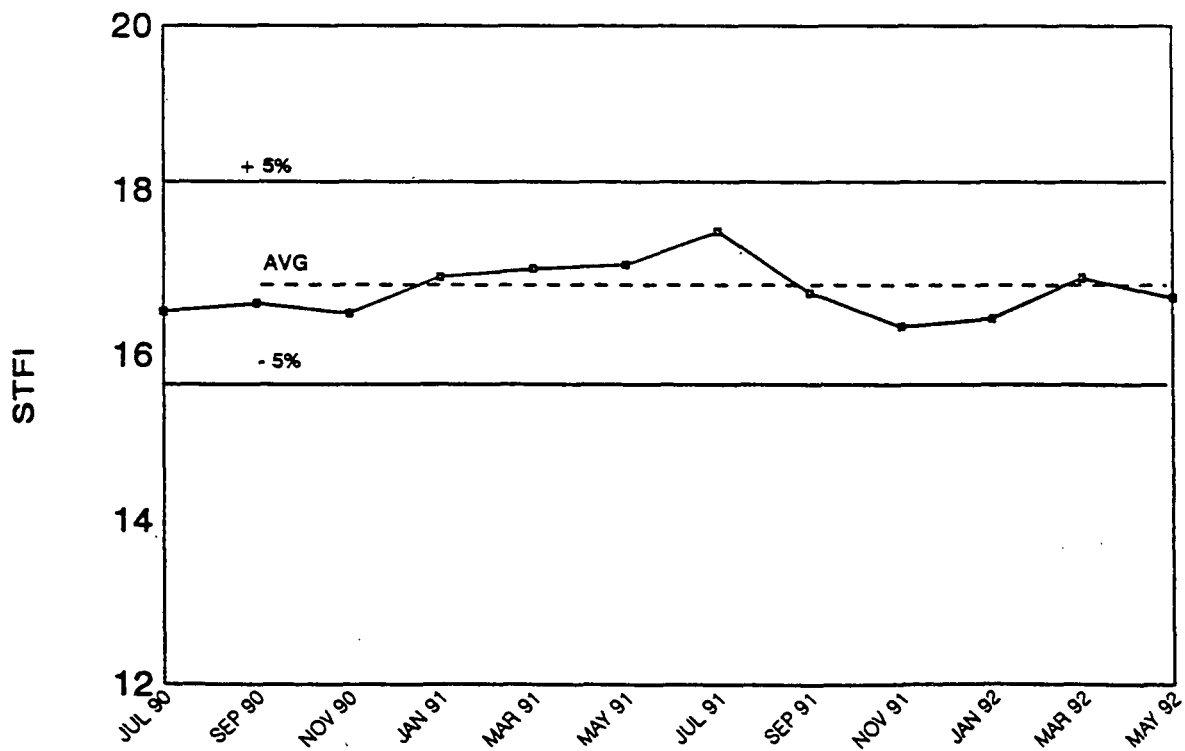


2 YEAR TREND PLOT FOR STFI

→ 26 LB

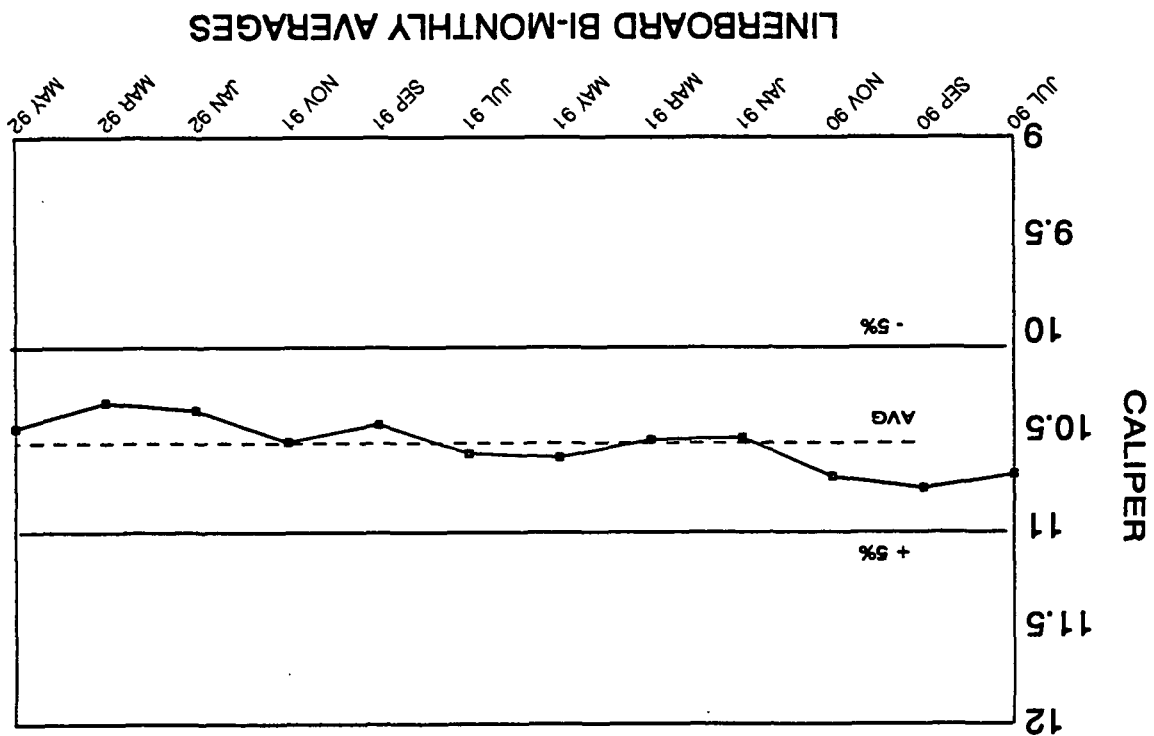
**LINERBOARD BI-MONTHLY AVERAGES**

→ 33 LB

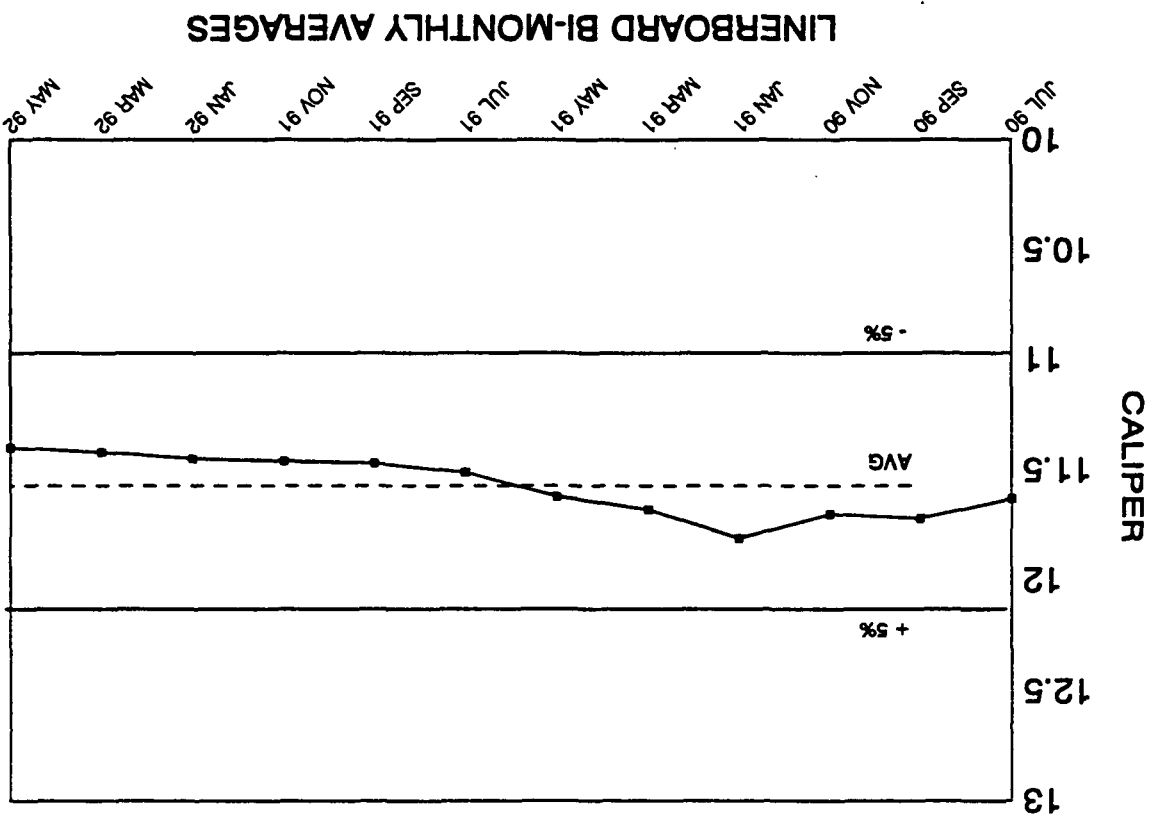
**LINERBOARD BI-MONTHLY AVERAGES**

2 YEAR TREND PLOT FOR CALIPER

→ 38 LB

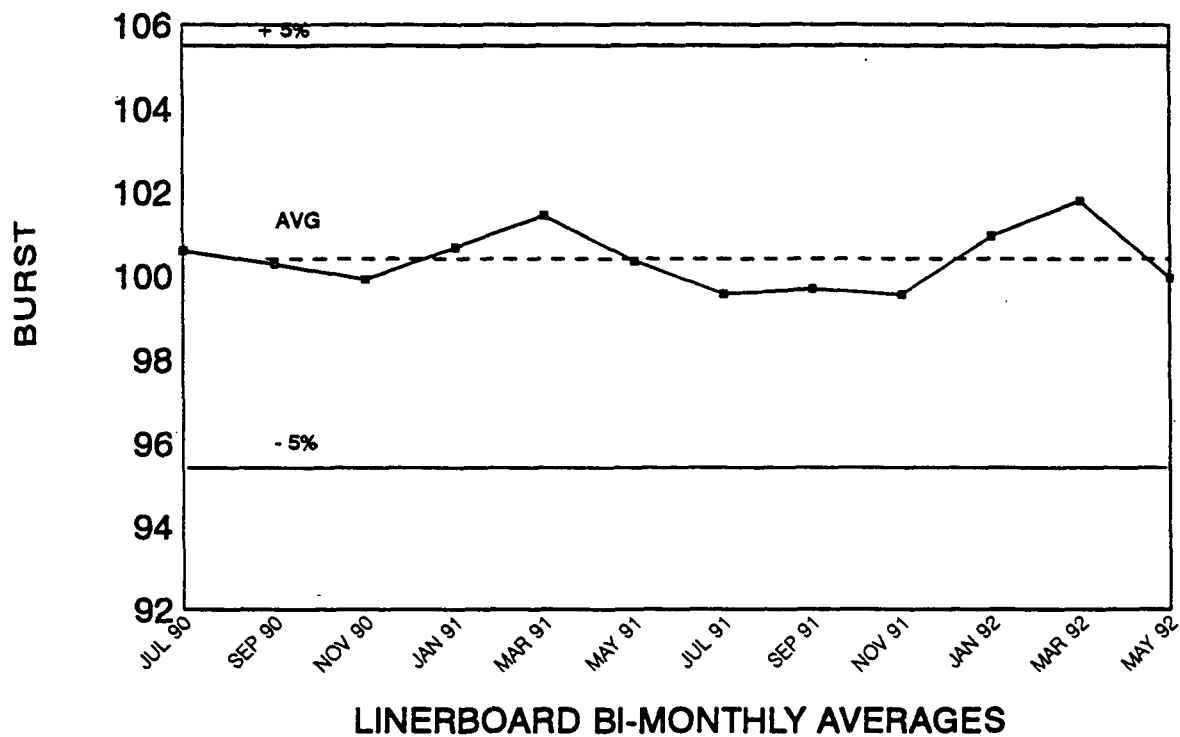


→ 42 LB

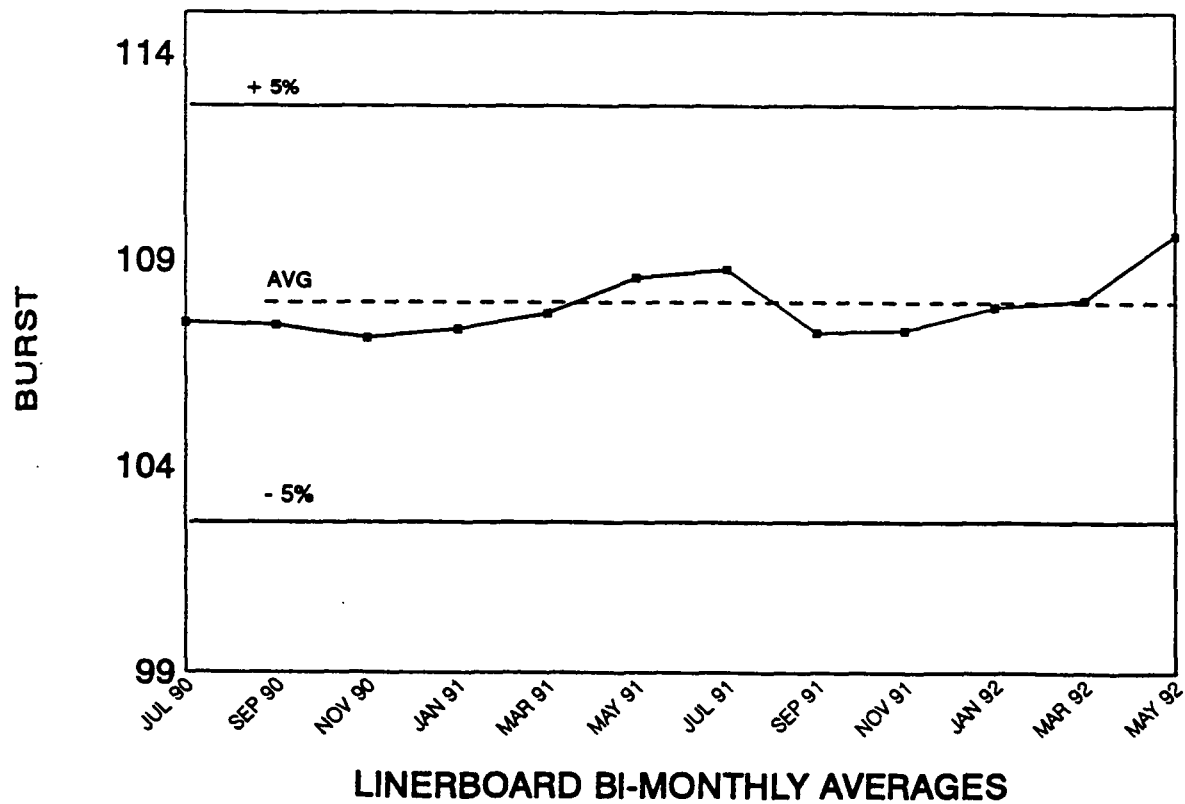


2 YEAR TREND PLOT FOR BURST

← 38 LB

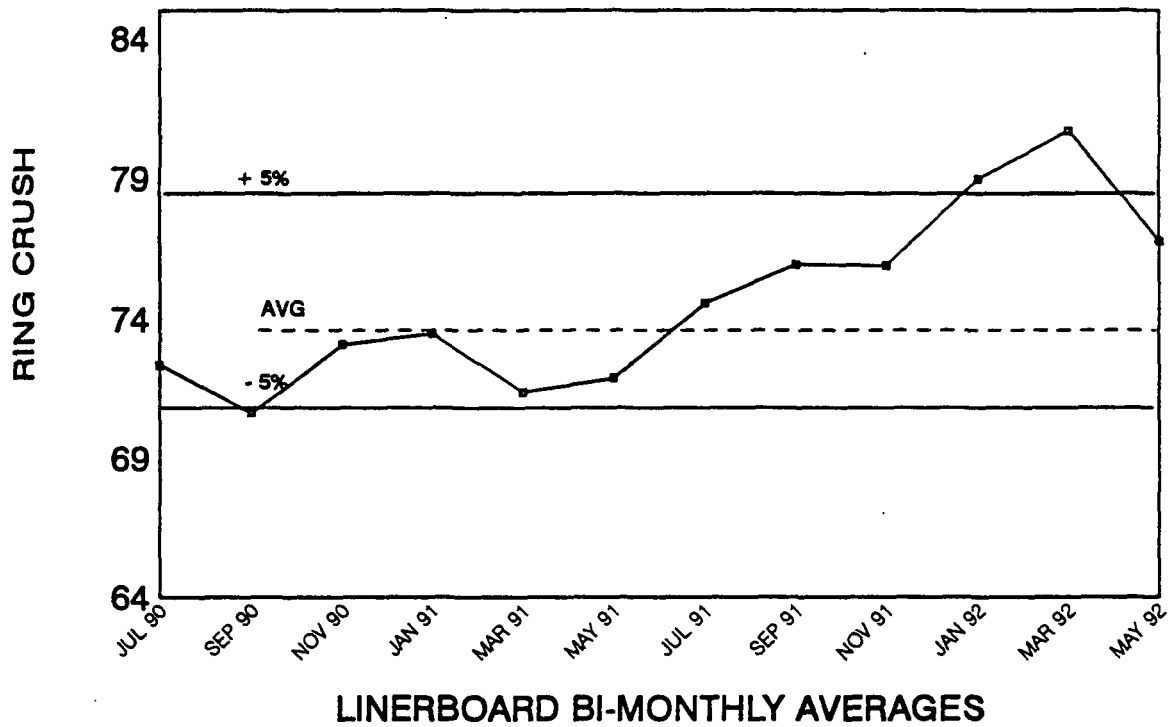


← 42 LB

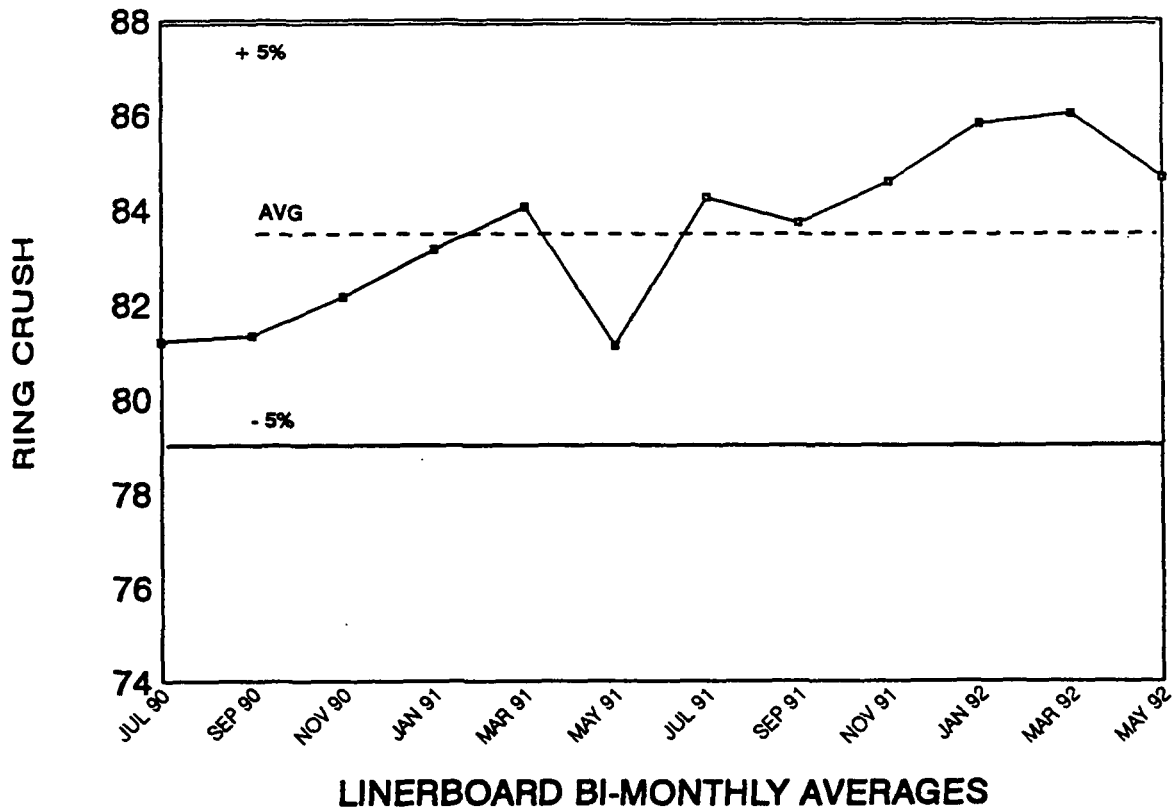


2 YEAR TREND PLOT FOR RING CRUSH

+ 38 LB

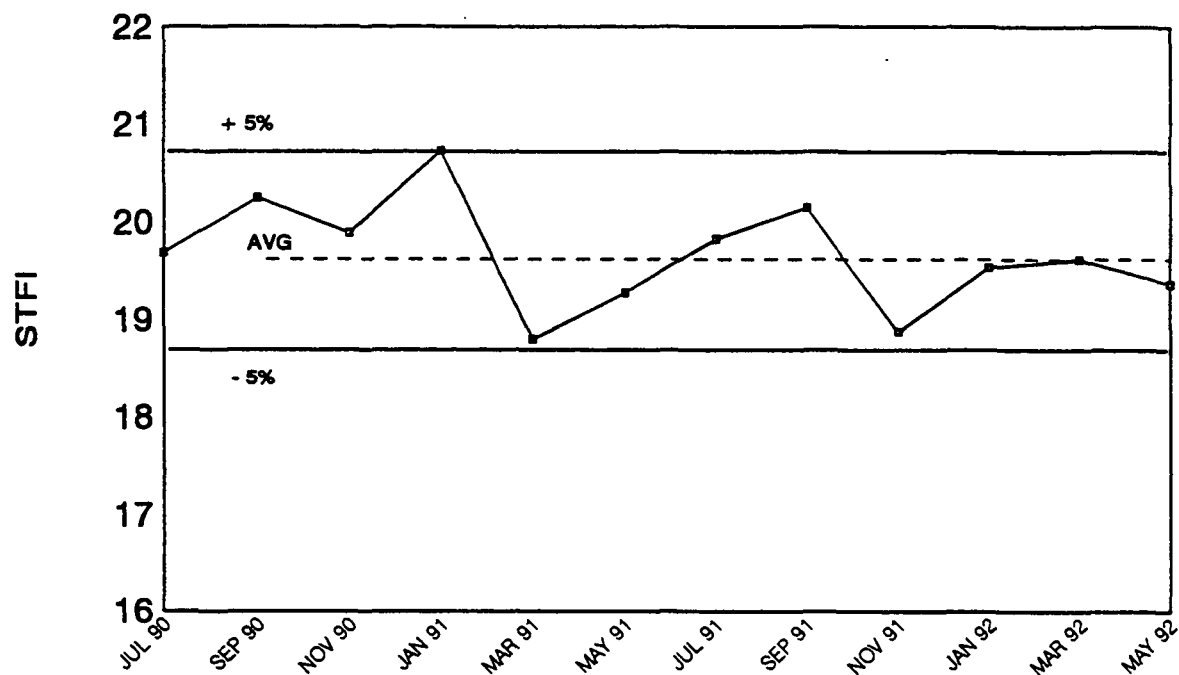


+ 42 LB

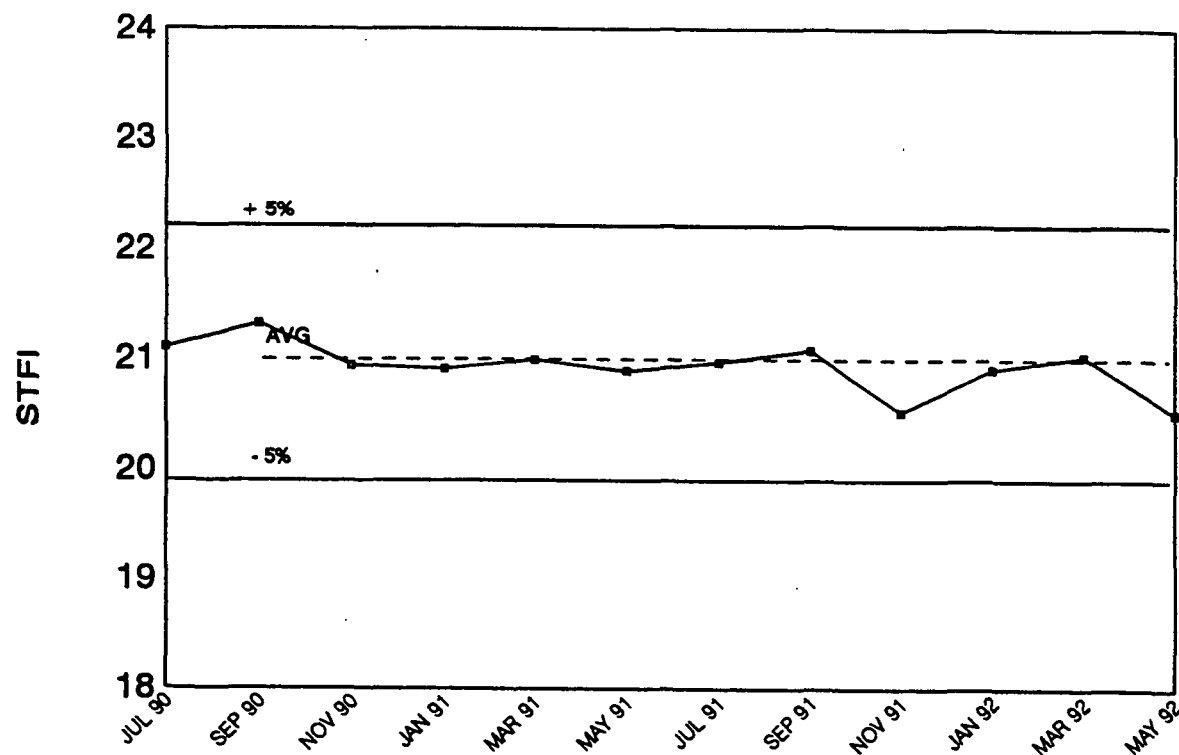


2 YEAR TREND PLOT FOR STFI

→ 38 LB

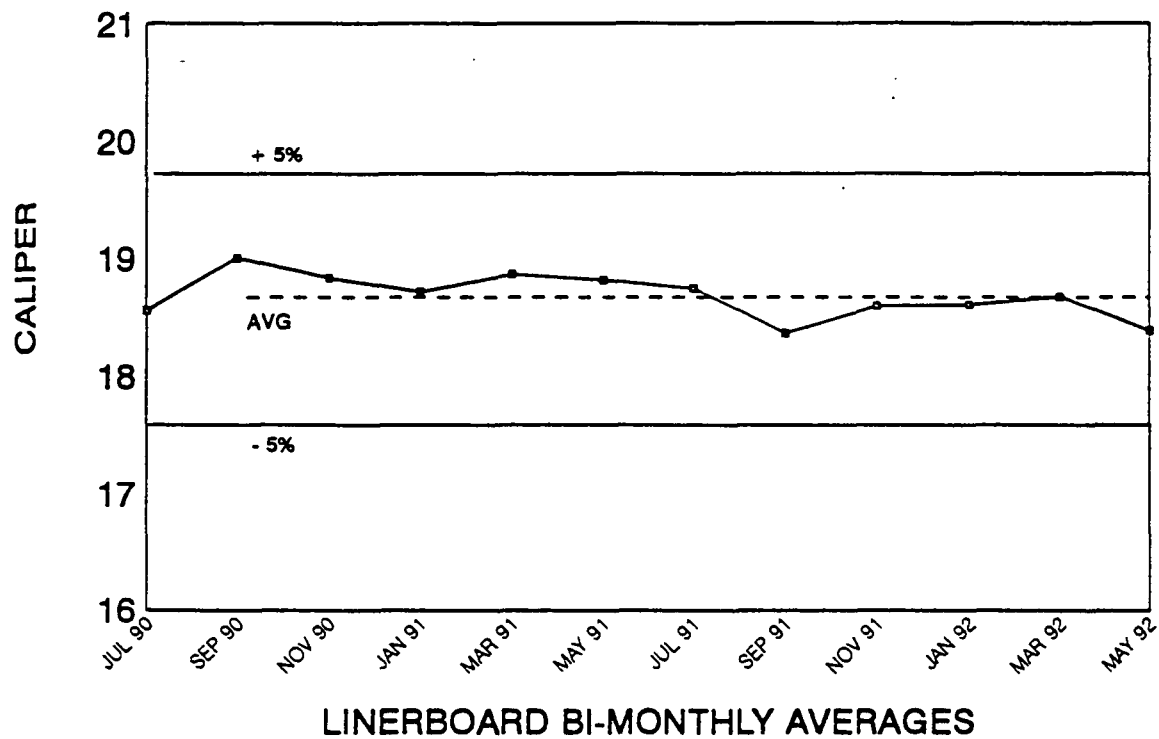
**LINERBOARD BI-MONTHLY AVERAGES**

→ 42 LB

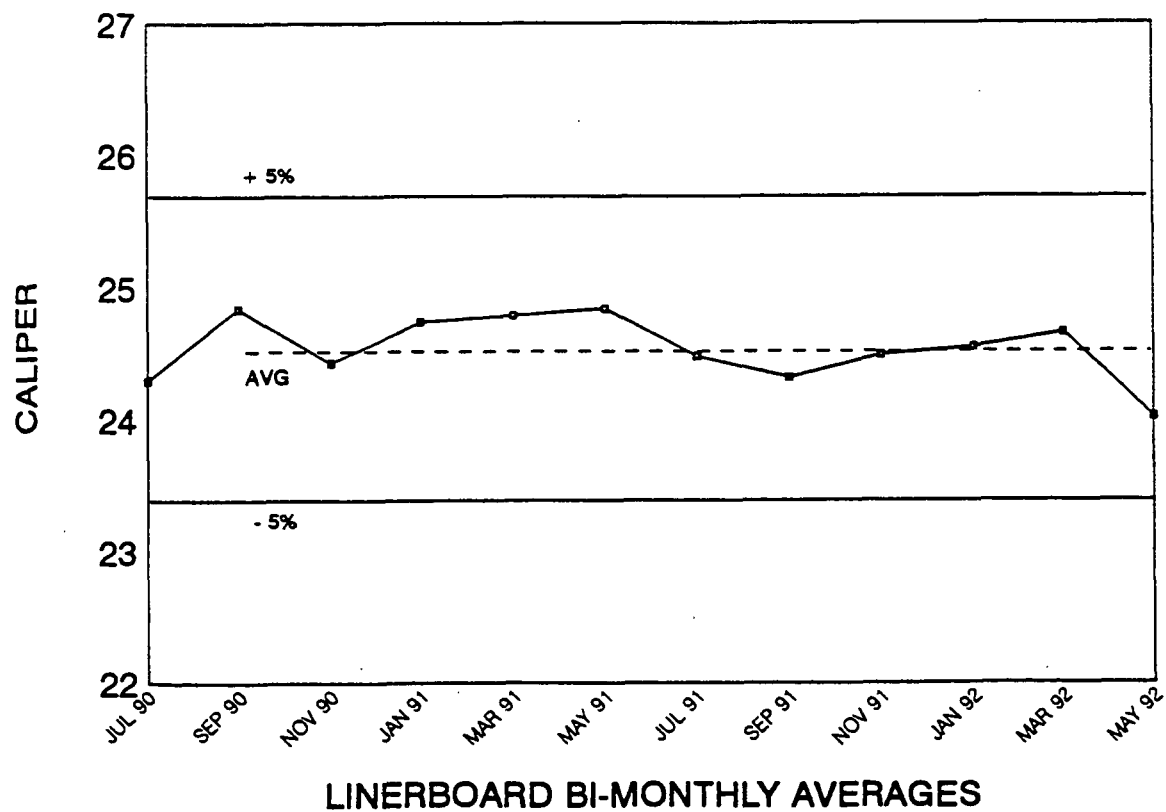
**LINERBOARD BI-MONTHLY AVERAGES**

2 YEAR TREND PLOT FOR CALIPER

→ 69 LB

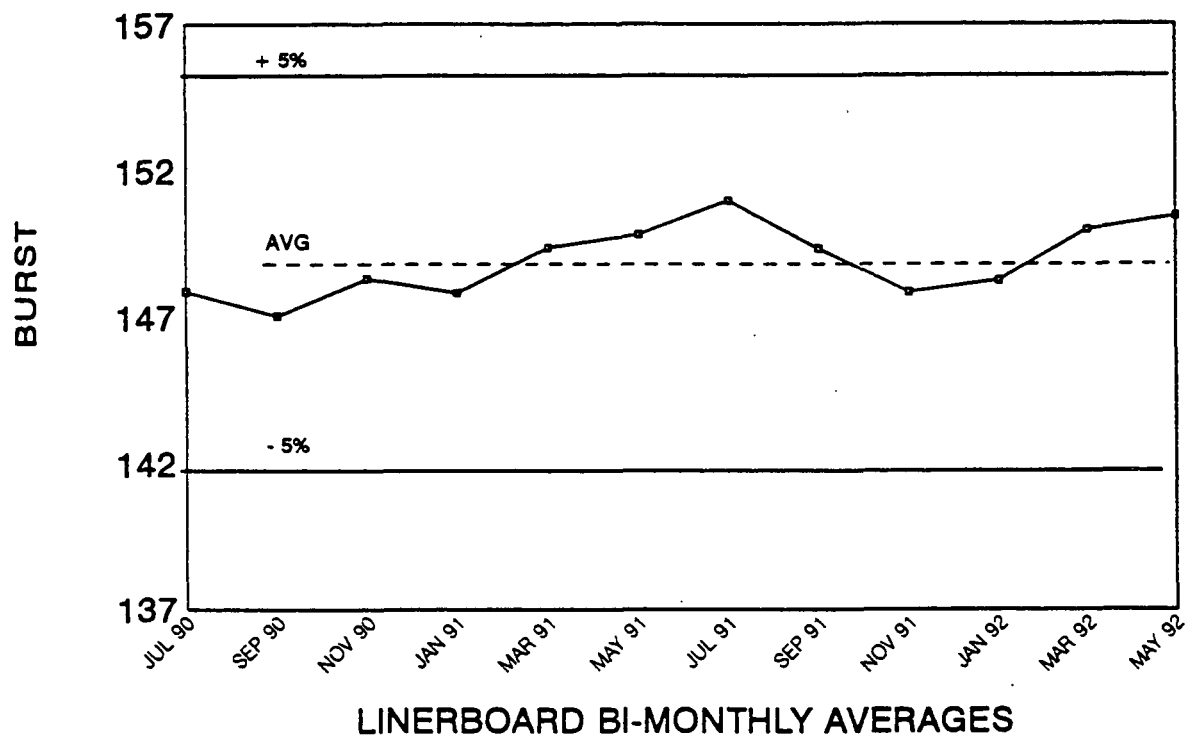


→ 90 LB

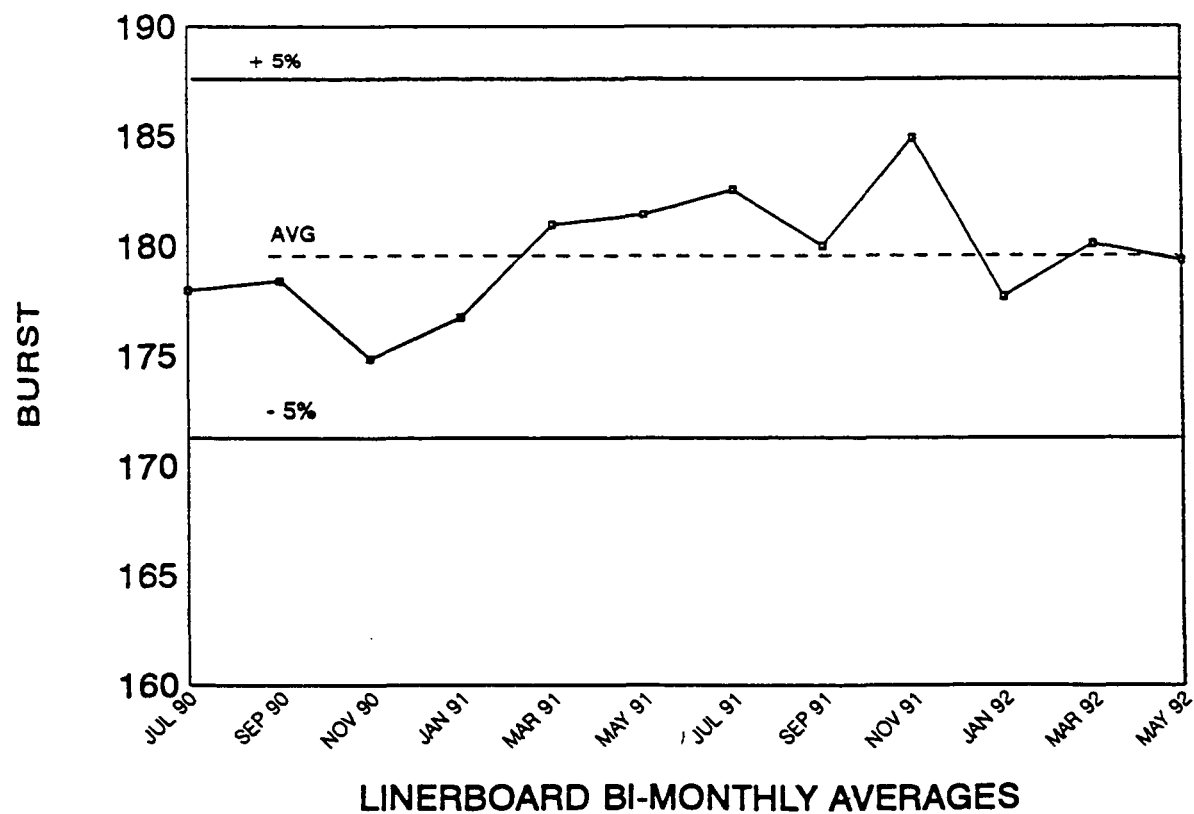


2 YEAR TREND PLOT FOR BURST

◆ 69 LB

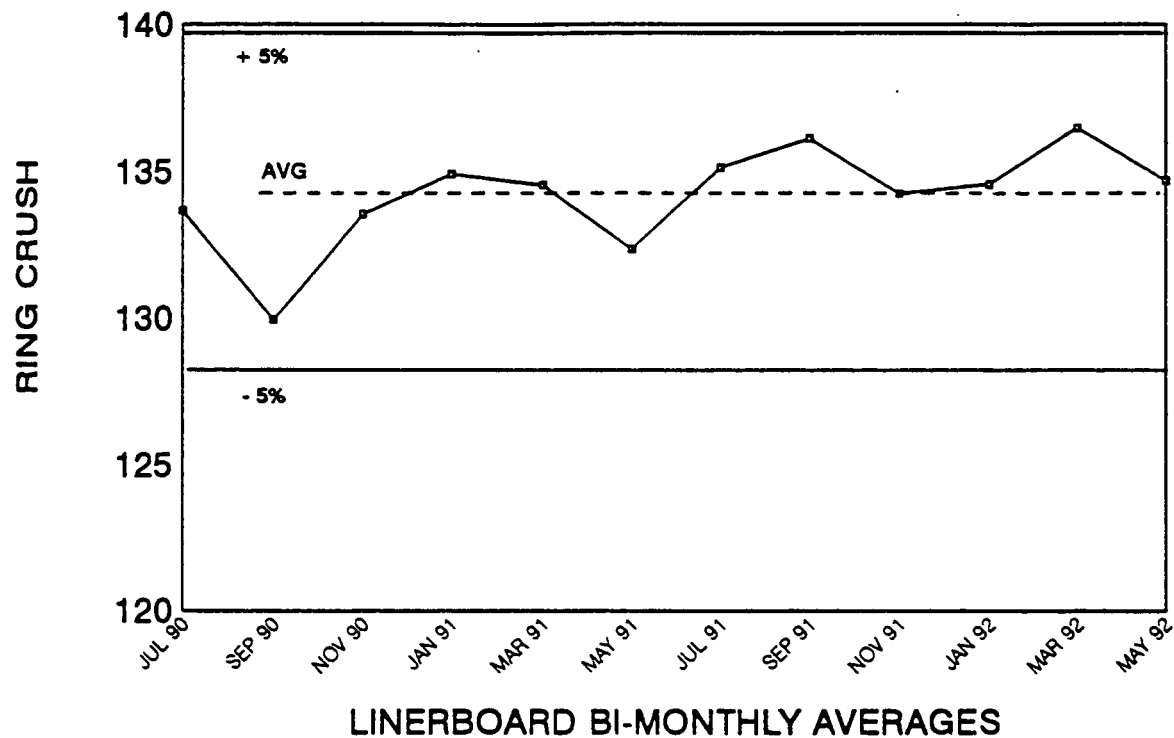


◆ 90 LB

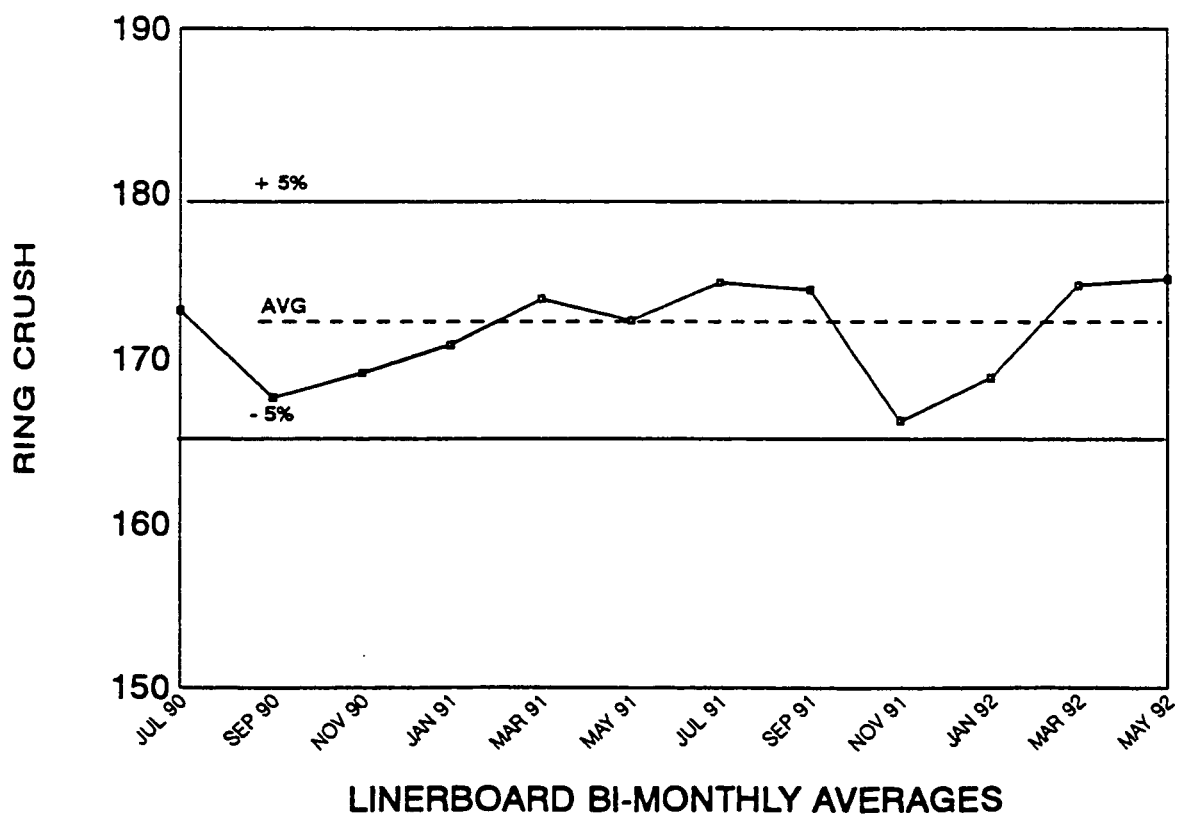


2 YEAR TREND PLOT FOR RING CRUSH

↑ 69 LB

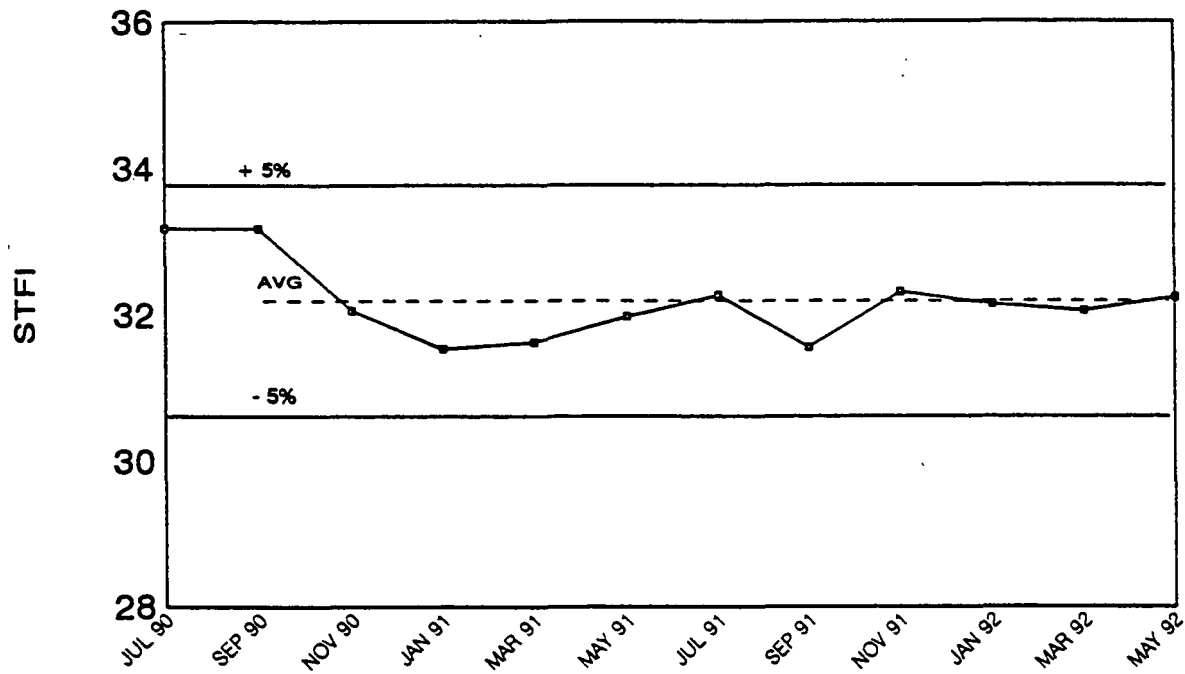


↑ 90 LB

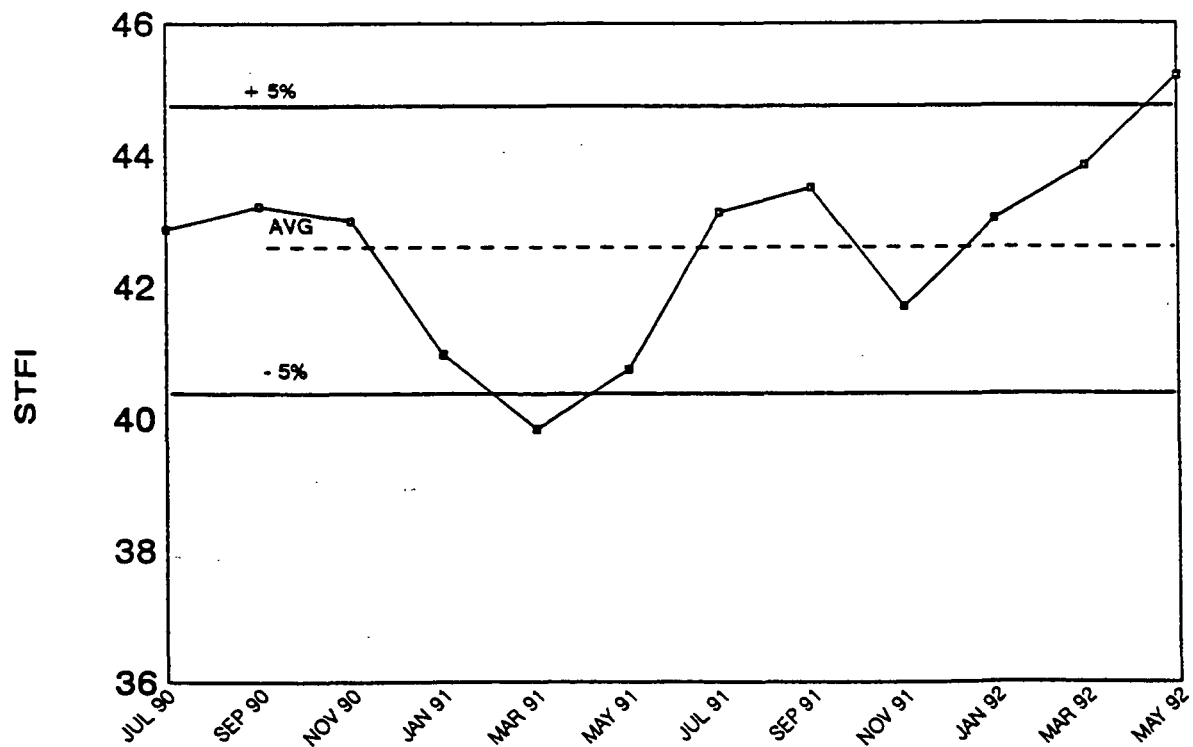


2 YEAR TREND PLOT FOR STFI

← 69 LB

**LINERBOARD BI-MONTHLY AVERAGES**

← 90 LB

**LINERBOARD BI-MONTHLY AVERAGES**

INTRODUCTION

The continuous base-line study (modified) is a compilation of bimonthly averages of mill test data obtained routinely on six major grade weights of linerboard manufactured in the member mills of C.K.P.G. Mill data are included for moisture content, basis weight, caliper, bursting strength, C.D. ring crush, and C.D. STFI tests made on the production of individual machines which produced at least 500 tons of one or more of the following six major grade weights during a given period: 26, 33, 38, 42, 69, and 90 lb.

Participating mills are asked to report reel moisture content, basis weight, and moisture content corresponding to the basis weight measurement. The latter two measurements are used to compute the adjusted basis weight corresponding to a moisture content of 7.8%. Only the reel moisture content and the adjusted basis weight are included in the report.

PRESENTATION OF DATA

For the six major grade weights of linerboard referred to earlier, data on conditioning and testing environments, mill test averages for moisture content, adjusted basis weight, caliper, bursting strength, C.D. ring crush, and C.D. STFI are compiled in the following tables.

Description	
I-II-III	Mill Test Averages on 26-lb Linerboard
IV-V-VI	Mill Test Averages on 33-lb Linerboard
VII-VIII-IX	Mill Test Averages on 38-lb Linerboard
X-XI-XII	Mill Test Averages on 42-lb Linerboard
XIII-XIV-XV	Mill Test Averages on 69-lb Linerboard
XVI-XVII-XVIII	Mill Test Averages on 90-lb Linerboard

The procedure used in calculating cumulative machine averages, machine indexes, and C.K.P.G. indexes are described in the appendix.

Table I

Averages of Mill Quality Data for JAN-FEB, 1992 26 LB Kraft Linerboard

Code	Moisture Content			Adj. Basis Wt. *A			Caliper		
	Curr.	Cum.	Ind.	Curr.	Cum.	Ind.	Curr.	Cum.	Ind.
	Percent			Lb/M Sq. Ft.			Mils		
	Av.			Av.			Av.		
	*B			*B			*B		
A2	7.0	7.0	122.5	26.2	26.2	99.9	8.4	8.3	111.3
B1	5.9	6.0	103.2	26.5	26.2	101.0	7.6	7.5	100.7
B2		5.9		26.5			7.2		
B5	4.6								
C2	5.9	5.7	103.2	27.5	27.1	104.9	8.1	7.6	107.3
C3		5.8		26.4			7.4		
D1	5.0	5.0	87.5	26.7	26.0	101.8	7.9	7.5	104.6
D3	5.0	4.9	87.5	26.8	26.1	102.2	8.1	8.1	107.3
E4	6.1		106.7	26.6		101.4	7.2		95.4
F1				26.1			7.1		
F4	7.2	7.1	126.0	26.2	26.0	99.9	7.2	7.8	95.4
G1				26.1				7.9	
G3	5.4		94.5	26.8		102.2	7.4		98.0
I2	5.1	5.6	89.2	26.8	27.0	102.2	7.2	7.2	95.4
I3	5.0			26.7			7.0		
I4	5.5	5.0	96.2	26.9	26.4	102.6	6.5	7.8	86.1
J3	4.8	4.8	84.0	26.6	26.0	101.4	7.8	7.7	103.3
J4	5.4	5.5	94.5	26.6	26.1	101.4	7.6	7.7	100.7
J5	5.8	5.6	101.5	26.6	26.0	101.4	7.6	7.9	100.7
K3		6.1		26.0			7.2		
K5	6.1	7.8	106.7	26.4	26.1	100.7	7.6	7.4	100.7
L1	5.7			26.2			7.9		
L2	5.5	5.5	96.2	25.8	25.3	98.4	7.0	6.8	92.7
CKPG	5.7	5.7	100.0	26.6	26.2	101.4	7.5	7.6	100.0

Notes A and B are given in the appendix.

Table I (Cont)

Averages of Mill Quality Data for JAN-FEB, 1992

26 LB Kraft Linerboard

Code	Burst			CD Ring Crush			CD STFI		
	Cur.	Cum.	Ind.	Cur.	Cum.	Ind.	Cur.	Cum.	Ind.
	PSIG		*B	Lb.		*B	Lb/in.		*B
A2	69.0	69.3	94.9		37.7		12.6	12.8	95.9
B1	72.0	75.5	99.0		43.5		11.9	12.2	90.6
B2		72.4			48.4				
B5	72.6	73.1	99.8	53.1	56.8	127.8			
C2					44.1				
C3	71.8	72.3	99.0		33.9		12.1	11.8	92.1
D1	72.0	72.0			36.0		12.9		98.2
D3	74.0	72.0	101.8						
E4	73.7		101.3	34.1			17.5		133.2
F1	79.0			39.0					
F4	75.0	69.3	103.1				12.2	12.6	92.9
G1	70.0						12.4		
G3	76.0		104.5	43.0		103.5			
I2	65.5	66.3	90.1	34.0	39.9	81.8			
I3	77.9			30.4			13.3		
I4	84.0	69.9	115.5	39.0	34.9	93.9	13.8	13.3	105.1
J3	70.0	72.4	96.3	47.0	47.2	113.1	14.5	15.2	110.4
J4	68.7	70.3	94.5	43.5	42.1	104.7			
J5	73.0	73.7	100.4	42.5	43.1	102.3			
K3	68.2			36.5					
K5	71.9	70.8	98.9						
L1	86.3			51.0					
L2	67.6	73.9	93.0	40.2	41.7	96.8	12.5	14.6	95.2
CKPG	72.3	72.7	99.5	41.8	41.5	100.7	13.3	13.1	101.5

Note B is given in the appendix.

Table II

Averages of Mill Quality Data for MAR-APR, 1992 26 LB Kraft Linerboard

Code	Moisture Content			Adj. Basis Wt. *A			Caliper		
	Cur.	Cum.	Ind.	Cur.	Cum.	Ind.	Cur.	Cum.	Ind.
	Percent			Lb/M Sq. Ft.			Mils		
	Av.	Av.	*B	Av.	Av.	*B	Av.	Av.	*B
A2	7.0	7.0	121.3	26.2	26.0	100.2	8.6	8.5	114.5
B1	5.9	6.0	102.3	26.6	26.0	101.7	7.6	7.5	101.2
B2	5.9	5.9		26.1			7.2		
C2	5.9	5.7	102.3	28.2	27.0	107.9	7.6	7.7	101.2
C3	5.8			26.4			7.4		
D1	5.0	5.0	86.7	26.8	26.0	102.5	7.8	7.6	103.9
D3	5.0	5.0	86.7	26.8	26.0	102.5	8.1	8.0	107.9
E4	5.6	6.1	97.1	26.6	26.1	101.7	7.5	7.2	99.9
F4	7.2	7.1	124.8	26.2	26.0	100.2	7.1	7.7	94.5
G3	5.2	5.4	90.1	26.3	26.1	100.6	8.1	7.4	107.9
I2	5.8	5.5	100.5	26.9	26.9	102.9	7.3	7.1	97.2
I3	5.0			26.7			7.0		
I4	5.1	5.1	88.4	27.2	26.4	104.0	6.7	7.4	89.2
J3	4.7	4.8	81.5	27.4	25.9	104.8	7.8	7.7	103.9
J4	5.3	5.5	91.9	26.7	26.0	102.1	7.9	7.7	105.2
J5	5.6	5.6	97.1	26.6	26.0	101.7	7.8	7.9	103.9
K3	6.2			25.8			7.1		
K5	7.5	7.5	105.7	26.5	26.0	101.4	8.0	7.4	106.5
L1	5.7			26.2			7.9		
L2	5.5	5.5	95.3	26.0	25.3	99.4	7.1	6.8	94.5
CKPG	5.7	5.8	98.1	26.7	26.1	102.3	7.7	7.5	102.1

Notes A and B are given in the appendix.

Table II (Cont)

Averages of Mill Quality Data for MAR-APR, 1992 26 LB Kraft Linerboard

Code	Burst				CD Ring Crush				CD STFI			
	Cur.	Cum.	Ind.	Av.	Cur.	Cum.	Ind.	Av.	Cur.	Cum.	Ind.	Av.
A2	68.5	68.6	93.9		40.5	55.5	58.5		12.7	12.7	93.7	
B1	78.0	76.5	107.0		43.5	55.5	143.5		12.2	12.1	90.0	
B2	71.2											
C2	74.9	72.9	102.7									
C3	71.8				44.1							
D1	77.0	72.3	105.6		33.9				12.4	12.0	91.5	
D3	75.5	74.0	103.5		36.0				13.1	12.9	96.7	
E4	75.3	73.7	103.3		34.1				17.5			
F4	71.0	70.3	97.4						12.2	12.5	90.0	
G3	74.0	76.0	101.5		43.0	107.9						
I2	65.3	65.4	89.6		38.4							
I3	77.9				30.4				13.3			
I4	74.5	72.9	102.2		34.4				13.4			
J3	70.0	72.0	96.0		47.2	120.2			15.0	15.1	110.7	
J4	79.2	70.1	108.6		46.0	112.8						
J5	71.0	74.3	97.4		41.0	100.5						
K3	68.3				35.3							
K5	72.9	70.6	100.0		51.0							
L1	86.3				39.4							
L2	71.1	73.2	97.5		41.0	96.6			12.7	14.0	93.7	
CKPG	73.2	72.9	100.4		46.3	40.8	113.6		12.9	13.6	95.2	

Note B is given in the appendix.

Table III

Averages of Mill Quality Data for MAY-JUN, 1992 26 LB Kraft Linerboard

Code	Moisture Content			Adj. Basis Wt. *A			Caliper		
	Cur.	Cum.	Ind.	Cur.	Cum.	Ind.	Cur.	Cum.	Ind.
A2	7.0	7.0	122.0	26.2	26.0	100.2	8.5	8.5	112.7
B1	5.9	6.0	102.8	26.5	26.0	101.4	7.6	7.6	100.8
B2	5.9			26.2			7.2		
C2	6.3	5.8	109.8	29.4	27.2	112.5	7.9	7.7	104.8
C3	5.8			26.4			7.4		
D1	5.0	5.0	87.1	26.8	26.0	102.5	7.9	7.6	104.8
D3	5.0	5.0	87.1	26.8	26.0	102.5	8.0	8.0	106.1
E4	6.1	5.9	106.3	26.6	26.1	101.8	7.5	7.4	99.5
F4	7.2	7.1	125.4	26.2	26.0	100.2	7.0	7.6	92.8
G3	5.3	5.3	92.3	26.2	25.9	100.2	7.3	7.8	96.8
I2	5.3	5.5	92.3	27.5	26.7	105.2	7.2	7.2	95.5
I3	5.0			26.6			6.9		
I4	5.1	5.1	88.9	28.3	26.4	108.3	7.1	7.1	94.2
J3	4.8	4.8	83.6	26.4	26.1	101.0	7.6	7.7	100.8
J4	5.3	5.5	92.3	26.6	26.0	101.8	7.8	7.7	103.4
J5	5.7	5.6	99.3	26.5	26.0	101.4	7.6	7.9	100.8
K3	6.1			25.7			7.1		
K5	7.2	7.2	118.5	26.3	26.0	100.6	7.8	7.6	103.4
L1	5.7			26.2			7.9		
L2	5.6	5.5	97.6	25.9	25.3	99.1	6.6	6.9	87.5
CKPG	5.8	5.7	100.3	26.8	26.1	102.6	7.6	7.5	100.3

Notes A and B are given in the appendix.

Notes A and B are given in the appendix.

Table III (Cont)

Averages of Mill Quality Data for MAY-JUN, 1992

26 LB Kraft Linerboard

Code	Burst			CD Ring Crush			CD STFI		
	Cur.	Cum.	Ind.	Cur.	Cum.	Ind.	Cur.	Cum.	Ind.
A2	68.0	68.8	93.2	34.5	44.2	58.1	12.6	12.7	92.8
B1	83.0	76.6	113.7				13.0	12.1	95.7
B2		71.4							
C2	91.8	73.4	125.8						
C3		71.8		44.1					
D1	68.0	72.8	93.2	33.4			12.2	12.1	89.8
D3	73.0	74.5	100.0	36.0			12.1	13.0	89.1
E4	76.6	74.5	105.0	34.1			17.5		
F4	72.5	70.4	99.4				13.5	12.6	99.4
G3	82.5	75.0	113.1	42.5	43.5	105.2			
I2	63.8	65.4	87.4						
I3		78.5		30.1			13.5		
I4	69.0	74.6	94.6	32.0	35.2	79.2	12.2	13.6	89.8
J3	77.0	71.7	105.5	43.0	47.3	106.5	15.0	15.0	110.5
J4	78.4	70.9	107.4	44.0	42.3	108.9			
J5	74.0	73.1	101.4	43.5	42.8	107.7			
K3		66.0		33.0					
K5	71.4	70.9	97.8						
L1		86.3		51.0					
L2	74.8	72.8	102.5	40.4	40.4	100.0	13.2	13.7	97.2
CKPG	74.9	73.0	102.7	43.4	40.4	107.4	13.0	13.6	95.5

Note B is given in the appendix.

Table IV

Averages of Mill Quality Data for JAN-FEB, 1992

33 LB Kraft Linerboard

Code	Moisture Content Percent			Adj. Basis Wt. *A Lb/M Sq. Ft.			Caliper Mils		
	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B
A1		6.3			32.7			9.1	
A2	7.1	7.1	119.3	33.3	33.0	100.7	9.5	9.3	102.4
A3	7.0	7.0	117.6	33.3	33.0	100.7	9.4	8.8	101.3
A4	6.3	6.4	105.9	33.7	33.2	101.9	9.4	9.3	101.3
B1	5.4	5.5	90.8	34.0	33.0	102.9	9.5	9.6	102.4
B2		5.7			33.3			8.8	
B5	6.1	5.9	102.5	34.3	33.1	103.8	10.0	9.8	107.8
C2	6.1	5.8	102.5	34.6	35.3	104.7	9.3	9.3	100.2
C3		5.3			33.4			8.4	
C5	6.5	6.6	109.2	33.5	33.0	101.3	9.6	9.9	103.5
D1		5.0			33.0			9.8	
D3	5.0	5.0	84.0	34.0	33.0	102.9	10.3	9.6	111.0
E1	4.1	4.2	68.9	33.1	31.8	100.1	10.0	10.3	107.8
F2	6.2	5.6	104.2	33.4	32.7	101.0	9.7	9.9	104.5
F4	6.7	6.9	112.6	33.4	33.0	101.0	9.3	9.9	100.2
F5	7.1	6.4	119.3	33.3	33.0	100.7	8.3	8.4	89.5
G1	6.4	6.4	107.6	33.5	33.0	101.3	9.4	9.0	101.3
G3	5.4	5.4	90.8	33.9	33.1	102.6	9.2	9.6	99.2
G5		5.7			33.1			9.3	
H3	5.7	5.8	95.8	33.8	33.0	102.2	9.0	9.3	97.0
I2	6.0	6.0	100.8	34.0	33.2	102.9	11.3	9.0	121.8
I3	5.2	5.3	87.4	34.3	33.4	103.8	8.7	9.0	93.8
I4		5.1			33.3			8.9	
I5		5.5			32.5			9.3	
J3	5.6	5.3	94.1	33.3	32.4	100.7	8.9	9.0	95.9
J4	5.2	5.5	87.4	33.5	32.8	101.3	9.5	9.7	102.4
J5	6.0	5.8	100.8	33.4	32.8	101.0	9.6	9.9	103.5
K3	5.9	6.0	99.2	33.2	32.7	100.4	9.6	9.5	103.5
K4	6.7	7.8	112.6	32.4	34.5	98.0	8.2	8.5	88.4
K5		7.8			33.2			8.9	
L1	6.5	6.3	109.2	33.9	33.2	102.6	9.2	9.5	99.2
L2	6.0	6.0	100.8	32.8	32.1	99.2	8.5	8.3	91.6
CKPG	6.0	6.0	101.0	33.6	33.1	101.6	9.4	9.3	101.2

Notes A and B are given in the appendix.

Table IV (Cont)

Averages of Mill Quality Data for JAN-FEB, 1992

33 LB Kraft Linerboard

Code	Burst PSIG			CD Ring Crush Lb.			CD STFI Lb./In.		
	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B
A1		85.7						16.5	
A2	82.0	81.2	91.9				16.8	17.1	100.8
A3	80.0	82.0	89.6				16.8	17.2	100.8
A4	88.3	84.6	98.9	65.3	65.8	106.1	17.5	17.4	105.0
B1	86.0	91.1	96.3		65.7		17.5	17.4	105.0
B2		91.6			67.7				
B5	87.8	89.2	98.3	67.6	68.0	109.8			
C2	96.5	97.1	108.1	74.5	77.3	121.0			
C3		96.3			65.2				
C5	86.8	87.6	97.2				15.9	16.9	95.4
D1		87.8			46.5			13.9	
D3	86.0	84.9	96.3	47.0	48.8	76.3	15.7	14.9	94.2
E1	92.5	84.8	103.6				14.4		86.4
F2	86.0	83.8	96.3		51.0				
F4	92.0	87.8	103.1				14.7	15.9	88.2
F5	100.5	101.3	112.6				17.1	17.0	102.6
G1	99.0	94.5	110.9				16.3	17.1	97.8
G3	92.0	86.5	103.1	61.5	62.0	99.9			
G5		88.2			60.2				
H3	96.2	98.8	107.8	61.1	64.5	99.2	18.0	18.1	108.0
I2	77.5	78.2	86.8	64.6	57.8	104.9			
I3	88.0	87.8	98.6	51.0	47.3	82.8	16.1	15.1	96.6
I4		85.8			52.0			16.5	
I5		95.7			59.9				
J3	85.0	89.3	95.2	66.5	67.7	108.0	18.0	18.6	108.0
J4	92.5	96.0	103.6	70.5	66.5	114.5			
J5	83.0	86.5	93.0	58.0	63.4	94.2			
K3	84.5	85.6	94.7	54.0	54.8	87.7			
K4	96.8	92.4	108.4	73.6		119.6			
K5		83.3							
L1	110	104	123.2	74.5	82.6	121.0			
L2	84.8	87.4	95.0	58.9	59.7	95.7	15.5	17.0	93.0
CKPG	89.7	89.3	100.5	63.2	61.6	102.7	16.5	16.7	98.7

Note B is given in the appendix.

Table V

Averages of Mill Quality Data for MAR-APR, 1992

33 LB Kraft Linerboard

Code	Moisture Content Percent			Adj. Basis Wt. *A Lb/M Sq. Ft.			Caliper Mils		
	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B
A1	6.3	6.3	105.6	33.7	32.7	102.0	8.3	9.1	89.5
A2	6.9	7.1	115.7	33.3	33.0	100.8	9.4	9.4	101.3
A3	7.0	7.0	117.3	33.3	33.0	100.8	9.3	9.1	100.2
A4	6.4	6.4	107.3	33.8	33.2	102.3	9.5	9.3	102.4
B1	5.5	5.5	92.2	33.8	33.0	102.3	9.6	9.6	103.5
B2		5.7			33.3			8.8	
B5	6.0	6.0	100.6	34.4	33.2	104.2	9.3	9.8	100.2
C2	6.1	5.9	102.3	33.3	35.0	100.8	8.7	9.3	93.8
C3	5.7	5.3	95.5	34.1	33.4	103.2	8.4	8.4	90.5
C5	6.5	6.6	109.0	33.6	33.0	101.7	9.4	9.8	101.3
D1		5.0			33.0			9.8	
D3	5.0	5.0	83.8	34.0	33.0	102.9	10.1	9.7	108.9
E1	4.8	4.1	80.5	37.7	31.8	114.1	10.9	10.2	117.5
E4	5.8		97.2	33.8		102.3	9.1		98.1
F2	6.1	5.7	102.3	33.0	32.7	99.9	9.7	9.9	104.5
F4	7.1	6.9	119.0	33.3	33.0	100.8	9.2	9.7	99.2
F5		6.7			32.9			8.2	
G1		6.4			33.0			9.4	
G3	5.2	5.4	87.2	33.2	33.1	100.5	9.2	9.4	99.2
G5	5.9	5.7	98.9	33.2	33.1	100.5	8.9	9.2	95.9
H3	5.9	5.8	98.9	33.7	32.9	102.0	9.7	9.2	104.5
I2	5.7	6.0	95.5	33.8	33.2	102.3	9.6	9.6	103.5
I3	5.3	5.3	88.8	34.2	33.4	103.5	8.8	8.9	94.8
I4		5.2			33.2			8.9	
I5	5.8	5.6	97.2	33.2	32.6	100.5	9.2	9.2	99.2
J3	5.1	5.3	85.5	33.3	32.4	100.8	9.6	8.9	103.5
J4	5.4	5.4	90.5	33.8	32.8	102.3	9.7	9.6	104.5
J5	5.9	5.8	98.9	33.5	32.8	101.4	9.7	9.8	104.5
K3	6.0	6.0	100.6	33.1	32.6	100.2	9.6	9.5	103.5
K4	6.2	7.6	103.9	35.1	34.1	106.3	8.4	8.4	90.5
K5	6.7	7.8	112.3	26.3	33.2	79.6	8.1	8.9	87.3
L1	6.2	6.4	103.9	33.9	33.2	102.6	9.0	9.5	97.0
L2	6.0	6.0	100.6	32.7	32.1	99.0	8.6	8.4	92.7
CKPG	5.9	6.0	99.7	33.5	33.0	101.4	9.3	9.3	99.7

Notes A and B are given in the appendix.

Table V (Cont)

Averages of Mill Quality Data for MAR-APR, 1992

33 LB Kraft Linerboard

Code	Burst PSIG			CD Ring Crush Lb.			CD STFI Lb/In.		
	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B
A1	90.6	86.3	101.2				15.9	16.5	96.5
A2	84.0	81.1	93.8				16.7	17.0	101.4
A3	81.0	81.3	90.4				17.2	17.0	104.4
A4	89.2	85.3	99.6	64.3	65.8	104.1	17.3	17.5	105.0
B1	92.5	90.3	103.3		65.5		17.9	17.4	108.6
B2		91.6			67.7				
B5	87.4	88.8	97.6	69.2	68.3	112.0			
C2	91.1	97.0	101.7	71.5	76.6	115.7			
C3	102.8	96.3	114.8	73.5	65.2	119.0			
C5	88.2	87.5	98.5				16.4	16.6	99.5
D1		87.8			46.5			13.9	
D3	90.5	84.9	101.1		48.7		15.9	15.3	96.5
E1	97.0	86.9	108.3				16.1	14.4	97.7
E4	94.3		105.3				20.3		123.2
F2	79.5	84.4	88.8		51.0				
F4	90.5	88.8	101.1				14.9	16.0	90.4
F5		103.8						17.3	
G1		99.0						16.3	
G3	90.0	89.3	100.5	60.0	61.8	97.1			
G5	79.0	88.3	88.2	57.0	60.8	92.3			
H3	94.6	97.5	105.6	61.7	63.7	99.9	18.6	18.0	112.9
I2	80.2	78.0	89.6	58.9	59.5	95.3			
I3	89.5	88.8	99.9	51.0	47.6	82.5	15.7	15.4	95.3
I4		85.3			51.5			16.5	
I5	95.4	95.1	106.5	57.0	59.1	92.3			
J3	87.5	88.7	97.7	67.5	67.3	109.2	19.0	18.4	115.3
J4	96.2	92.5	107.4	69.0	67.3	111.7			
J5	81.5	85.6	91.0	57.0	62.3	92.3			
K3	84.0	85.2	93.8	52.5	55.0	85.0			
K4	90.0	94.3	100.5	72.9	73.6	118.0			
K5	72.7	83.3	81.2						
L1	106.2	105.5	118.6	75.5	77.0	122.2			
L2	86.6	87.3	96.7	61.0	59.3	98.7	15.3	16.6	92.9
CKPG	89.0	89.6	99.4	63.5	61.8	102.8	16.9	16.5	102.8

Note B is given in the appendix.

Table VI

Averages of Mill Quality Data for MAY-JUN, 1992

33 LB Kraft Linerboard

Code	Moisture Content Percent			Adj. Basis Wt. *A Lb/M Sq. Ft.			Caliper Mils		
	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B
A1	6.4	6.4	107.2	33.4	32.8	101.2	8.0	8.9	86.4
A2	7.1	7.0	118.9	33.3	33.0	100.9	9.3	9.4	100.5
A3		7.0			33.0			9.2	
A4	6.4	6.4	107.2	33.8	33.2	102.5	9.5	9.3	102.6
B1	5.5	5.5	92.1	33.8	33.0	102.5	9.6	9.6	103.7
B2		5.7			33.3			8.8	
B5	6.0	6.0	100.5	34.4	33.4	104.3	9.3	9.7	100.5
C2	6.1	5.9	102.2	34.8	34.5	105.5	8.9	9.2	96.1
C3	5.9	5.5	98.8	33.7	33.4	102.2	8.5	8.4	91.8
C5	6.5	6.5	108.9	33.5	33.0	101.6	9.4	9.7	101.5
D1	5.0	5.0	83.8	34.0	33.0	103.1	9.6	9.9	103.7
D3	5.0	5.0	83.8	34.0	33.0	103.1	10.4	9.9	112.3
E1	4.2	4.2	70.4	33.2	32.6	100.6	9.7	10.2	104.8
E4	6.2	5.8	103.9	33.6	33.1	101.9	9.0	9.1	97.2
F2	6.0	5.9	100.5	33.0	32.8	100.0	9.6	9.8	103.7
F4	7.2	7.0	120.6	33.2	33.0	100.6	9.0	9.6	97.2
F5	6.8	6.9	113.9	33.4	33.1	101.2	8.3	8.4	89.7
G1		6.4			33.0			9.4	
G3	5.3	5.3	88.8	33.1	32.8	100.3	9.1	9.3	98.3
G5		5.7			32.9			9.0	
H3	6.0	5.8	100.5	33.4	32.9	101.2	9.5	9.3	102.6
I2	5.8	6.0	97.2	34.0	33.2	103.1	8.8	9.6	95.1
I3	5.3	5.3	88.8	35.9	33.4	108.8	5.7	8.9	61.6
I4		5.2			33.1			8.8	
I5	5.9	5.7	98.8	33.2	32.6	100.6	9.1	9.2	98.3
J3	5.4	5.3	90.5	33.1	32.4	100.3	9.3	9.0	100.5
J4	5.7	5.4	95.5	33.4	32.8	101.2	10.0	9.6	108.0
J5	5.8	5.9	97.2	33.5	32.8	101.6	9.5	9.8	102.6
K3	5.9	6.0	98.8	33.4	32.6	101.2	9.6	9.6	103.7
K4	6.7	7.4	112.2	35.1	34.1	106.4	8.4	8.4	90.7
K5		7.5			31.4			8.7	
L1	6.4	6.4	107.2	33.7	33.3	102.2	9.3	9.3	100.5
L2	6.0	6.0	100.5	32.8	32.1	99.4	8.3	8.5	89.7
CKPG	5.9	6.0	99.6	33.7	33.0	102.1	9.1	9.3	97.9

Notes A and B are given in the appendix.

Table VI (Cont)

Averages of Mill Quality Data for MAY-JUN, 1992

33 LB Kraft Linerboard

Code	Burst PSIG			CD Ring Crush Lb.			CD STFI Lb./In.		
	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B
A1	95.9	87.3	106.8				15.6	16.2	93.4
A2	83.0	81.8	92.4				16.5	16.9	98.7
A3		81.3						17.0	
A4	87.3	86.6	97.2	64.7	65.4	105.1	17.3	17.4	103.5
B1	95.4	90.6	106.2		66.0		17.7	17.5	105.9
B2		91.6			67.7				
B5	87.4	88.5	97.3	68.7	68.2	111.6			
C2	100.8	95.8	112.2	75.5	75.6	122.7			
C3	97.3	99.6	108.3	62.2	69.4	101.1			
C5	88.1	88.0	98.1				16.2	16.3	96.9
D1	90.0	87.3	100.2		46.6		16.0	13.9	95.7
D3	84.0	85.8	93.5		48.8		15.6	15.5	93.4
E1	88.0	89.3	98.0				14.1	15.3	84.4
E4	90.4	94.3	100.6				20.2	20.3	120.9
F2	79.0	83.6	88.0		48.0				
F4	89.0	89.7	99.1				16.3	15.9	97.5
F5	99.0	105.8	110.2				17.6	17.7	105.3
G1		99.0						16.3	
G3	99.0	89.5	110.2	62.5	61.2	101.5			
G5		86.3			60.1				
H3	89.0	96.0	99.1	61.5	62.9	99.9	17.9	18.1	107.1
I2	76.7	78.4	85.4	67.1	59.4	109.0			
I3	83.0	89.6	92.4	45.0	48.0	73.1	15.2	15.4	91.0
I4		84.3			50.7			16.4	
I5	88.6	95.2	98.6	56.5	58.0	91.8			
J3	94.5	88.5	105.2	68.0	67.0	110.5	19.0	18.5	113.7
J4	93.4	93.2	104.0	73.0	67.6	118.6			
J5	85.0	85.0	94.6	62.5	61.1	101.5			
K3	82.0	84.9	91.3	60.5	54.6	98.3			
K4	89.3	93.6	99.4	75.1	73.3	122.0			
K5		80.7							
L1	109.4	106.2	121.8	75.5	76.2	122.7			
L2	91.2	86.7	101.5	60.1	59.9	97.6	15.3	16.2	91.6
CKPG	90.2	89.8	100.4	64.9	61.6	105.4	16.7	16.7	99.9

Note B is given in the appendix.

Table VII

Averages of Mill Quality Data for JAN-FEB, 1992

38 LB Kraft Linerboard

Code	Moisture Content Percent			Adj. Basis Wt. *A Lb/M Sq. Ft.			Caliper Mils		
	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B
A1	6.5	6.4	107.4	38.3	37.7	100.6	9.8	10.5	92.5
A5		5.8			38.4			11.0	
B3		5.8			38.3			10.9	
B4		5.9			38.9			11.2	
B5	6.5	6.3	107.4	38.3	38.0	100.6	11.2	11.2	105.7
C2	6.2	5.9	102.4	38.7	38.5	101.7	10.1	10.4	95.3
D2	5.9	5.9	97.5	38.8	38.0	101.9	10.6	10.7	100.0
D3	6.0	5.9	99.1	38.6	37.9	101.4	10.8	10.7	101.9
D4		5.9			38.5			10.1	
D5	6.1	6.0	100.8	38.2	37.5	100.4	10.6	10.8	100.0
F2	6.1	5.9	100.8	38.9	39.6	102.2	11.0	11.1	103.8
F3	5.7	5.7	94.2	38.9	37.7	102.2	10.2	11.0	96.3
G5	5.8	5.6	95.8	38.8	38.0	101.9	10.2	10.4	96.3
H2		6.3			38.1			10.0	
H3	6.4	6.2	105.7	38.3	37.6	100.6	10.2	10.4	96.3
H4		6.3			38.1			11.1	
I2	6.4	6.3	105.7	38.4	38.5	100.9	11.1	10.2	104.8
I3		5.5			38.1			10.3	
I4		5.3			36.2			9.2	
J1		5.8			38.5			11.2	
J3	5.4	5.9	89.2	38.2	37.4	100.4	9.4	10.1	88.7
J5	6.0	6.1	99.1	38.6	37.7	101.4	11.0	11.4	103.8
K4	6.7	7.8	110.7	38.4	38.1	100.9	9.4	9.6	88.7
L1		6.8			38.2			10.8	
CKPG	6.1	6.1	101.1	38.5	38.1	101.2	10.4	10.6	98.2

Notes A and B are given in the appendix.

Table VII (Cont)

Averages of Mill Quality Data for JAN—FEB, 1992							38 LB Kraft Linerboard		
Code	Burst PSIG			CD Ring Crush Lb.			CD STFI Lb./In.		
	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B
A1	101.5	98.1	101.1				19.8	19.5	103.3
A5		99.7			66.8				
B3		97.3			85.1				
B4		98.3			80.6				
B5	97.9	97.2	97.5	81.4	78.8	111.3			
C2	103.8	105.5	103.4	84.8	86.3	116.0		16.7	
D2	104.0	98.5	103.6		68.0		19.2		100.2
D3	98.0	92.8	97.6		59.9		18.7	17.5	97.6
D4		102.9			65.2				
D5	98.8	100.1	98.4				17.7	18.6	92.4
F2	96.5	94.1	96.1		66.7				
F3	108.0	102.0	107.6	70.5	67.0	96.4	19.5	19.2	101.8
G5	91.5	97.6	91.1	75.5	73.1	103.3			
H2		116.6			76.0			22.1	
H3	115.1	111.0	114.7	75.5	83.2	103.3	19.9	21.7	103.9
H4		103.0			71.0				
I2	91.5	91.7	91.1	76.0	76.1	104.0			
I3		97.7			62.5			19.0	
I4		96.3			51.0			16.7	
J1		101.0			76.5				
J3	105.0	99.5	104.6	87.0	80.9	119.0	22.0	20.6	114.8
J5	93.5	93.6	93.1	70.5	72.4	96.4			
K4	108.4	103.1	108.0	89.7		122.7			
L1		111.8			88.2				
CKPG	101.0	100.4	100.6	79.0	73.1	108.0	19.5	19.2	102.0

Note B is given in the appendix.

Table VIII

Averages of Mill Quality Data for MAR-APR, 1992

38 LB Kraft Linerboard

Code	Moisture Content Percent			Adj. Basis Wt. *A Lb/M Sq. Ft.			Caliper Mils		
	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B
A1	6.5	6.4	106.9	38.6	37.7	101.6	9.6	10.4	90.7
A5		5.9			38.4			11.3	
B4		5.9			38.9			11.2	
B5	6.3	6.3	103.6	38.4	37.8	101.1	11.1	11.2	104.8
C2	6.1	6.0	100.4	38.8	38.4	102.1	9.6	10.3	90.7
D2	6.0	5.9	98.7	38.7	38.0	101.9	10.7	10.7	101.1
D3		5.9			37.9			10.7	
D4		6.0			38.3			10.1	
D5		6.0			37.5			10.7	
F2	6.2	5.9	102.0	38.6	39.2	101.6	11.3	11.3	106.7
F3	5.8	5.7	95.4	38.6	37.8	101.6	10.1	10.8	95.4
G5	5.8	5.6	95.4	38.1	38.0	100.3	10.6	10.3	100.1
H2	6.0	6.3	98.7	39.0	38.1	102.6	9.7	10.0	91.6
H3	6.5	6.2	106.9	38.4	37.7	101.1	10.3	10.3	97.3
H4		6.3			38.1			11.1	
I2	6.2	6.4	102.0	39.1	38.3	102.9	10.6	10.4	100.1
I3		5.7			38.1			10.1	
I4		5.3			36.2			9.2	
J1		5.8						11.6	
J3	5.8	5.8	95.4	38.3	37.4	100.8	10.0	10.0	94.5
J5	5.9	6.1	97.1	38.7	37.8	101.9	11.2	11.3	105.8
K4	6.1	7.6	100.4	38.9	38.0	102.4	9.5	9.6	89.7
L1	6.7	6.8	110.2	38.6	38.3	101.6	10.7	10.9	101.1
CKPG	6.1	6.1	100.9	38.6	38.0	101.7	10.4	10.6	97.8

Notes A and B are given in the appendix.

Table VIII (Cont)

Averages of Mill Quality Data for MAR-APR, 1992

38 LB Kraft Linerboard

Code	Burst PSIG			CD Ring Crush Lb.			CD STFI Lb/In.		
	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B
A1	97.5	98.7	97.0				18.1	19.6	91.6
A5		100.8			64.0				
B4		98.3			80.6				
B5	98.2	97.5	97.7	83.1	79.0	112.4			
C2	105.8	105.1	105.3	88.2	86.0	119.3			
D2	105.5	99.0	105.0		69.0		18.6	19.2	94.2
D3		93.4			60.2			18.1	
D4		101.6			65.5			20.9	
D5		99.8						18.4	
F2	94.0	94.7	93.6		65.8				
F3	102.0	102.0	101.5	72.0	67.7	97.4	19.9	19.3	100.8
G5	91.5	96.8	91.1	74.0	74.0	100.1			
H2	111.2	116.6	110.7	86.3	76.0	116.7	17.9	22.1	90.6
H3	108.9	112.0	108.4	77.8	82.3	105.2	21.2	21.5	107.3
H4		103.0			71.0				
I2	93.3	91.6	92.9	77.7	76.1	105.1			
I3		97.5			55.0			17.6	
I4		96.3							
J1		95.0			74.0				
J3	101.0	100.5	100.5	83.0	81.9	112.3	22.0	20.8	111.4
J5	93.0	93.6	92.6	74.5	72.1	100.8			
K4	103.0	104.6	102.5	86.2	89.7	116.6			
L1	120.3	112.6	119.7	85.0	88.6	115.0			
CKPG	101.8	100.5	101.3	80.7	73.9	109.2	19.6	19.8	99.3

Note B is given in the appendix.

Table IX

Averages of Mill Quality Data for MAY-JUN, 1992

38 LB Kraft Linerboard

Code	Moisture Content Percent			Adj. Basis Wt. *A Lb/M Sq. Ft.			Caliper Mils		
	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B
A1	6.5	6.5	106.7	38.3	37.8	100.7	9.3	10.2	88.3
A5		5.8						10.9	
B5	6.5	6.3	106.7	38.3	37.8	100.7	11.1	11.2	105.3
C2	6.2	6.0	101.8	38.9	38.3	102.3	9.8	10.2	93.0
D2	6.0	5.9	98.5	38.7	38.0	101.7	10.7	10.7	101.5
D3		5.9			37.9			10.7	
D5	6.1	6.1	100.2	38.3	37.6	100.7	14.3	10.6	135.7
F2	6.1	6.0	100.2	39.9	39.1	104.9	11.5	11.4	109.1
F3	5.9	5.7	96.9	38.8	37.8	102.0	10.5	10.6	99.6
G5	5.6	5.8	91.9	38.2	37.9	100.4	9.7	10.4	92.0
H2		6.2			38.2			9.9	
H3	6.5	6.3	106.7	38.3	37.7	100.7	10.6	10.3	100.6
H4	6.3	6.3	103.4	38.6	38.1	101.5	10.0	11.1	94.9
I2	6.3	6.3	103.4	39.2	38.3	103.0	10.5	10.4	99.6
I3		5.7			37.9			9.9	
I4		5.3			38.8			9.4	
J1		5.8						11.6	
J3	6.0	5.8	98.5	38.0	37.4	99.9	9.9	10.0	93.9
J4	5.7		93.6	33.5		88.1	9.8		93.0
J5	5.8	6.1	95.2	38.6	37.8	101.5	10.1	11.3	95.8
K4	6.7	7.3	110.0	38.6	38.2	101.5	9.5	9.6	90.1
L1		6.8			38.2			10.9	
CKPG	6.1	6.1	100.9	38.3	38.0	100.6	10.5	10.5	99.5

Notes A and B are given in the appendix.

Table IX (Cont)

Averages of Mill Quality Data for MAY-JUN, 1992

38 LB Kraft Linerboard

Code	Burst PSIG			CD Ring Crush Lb.			CD STFI Lb/In.		
	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B
A1	103.9	98.8	103.5				17.9	19.5	92.8
A5		100.0			60.0				
B5	90.9	97.2	90.5	74.2	79.4	100.3			
C2	118.5	105.2	118.0	86.8	86.4	117.4			
D2	107.0	100.4	106.6		71.0		17.5	18.9	90.7
D3		93.4			60.2			18.1	
D5	104.9	99.3	104.5				19.6	18.5	101.6
F2	94.0	94.7	93.6		66.5				
F3	106.0	101.9	105.6	64.0	69.1	86.5	17.7	19.4	91.8
G5	89.0	94.2	88.7	74.0	74.3	100.1			
H2		113.9			81.2			20.0	
H3	103.0	111.0	102.6	74.0	81.9	100.1	19.9	21.6	103.2
H4	113.0	103.0	112.6	81.0	71.0	109.5	21.0		108.9
I2	91.1	92.0	90.7	76.6	76.4	103.6			
I3		100.0							
I4		96.5			51.0			16.7	
J1		95.0			74.0				
J3	102.0	100.8	101.6	80.0	81.8	108.2	22.0	20.9	114.1
J4	82.1		81.8	67.0		90.6			
J5	96.0	92.9	95.6	78.5	71.5	106.2			
K4	97.9	105.4	97.5	88.3	88.0	119.4			
L1		112.6			87.4				
CKPG	100.0	100.4	99.6	76.8	74.0	103.8	19.4	19.3	100.4

Note B is given in the appendix.

Averages of Mill Quality Data for JAN -FEB, 1992 42 LB Kraft Linerboard

Code	Moisture Content Percent			Adj. Basis Wt. *A Lb/M Sq. Ft.			Caliper Mils		
	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B
A1	6.6	6.5	108.2	42.2	41.6	101.0	11.0	11.6	94.8
A2		7.0			42.0			11.6	
A3	7.1	7.1	116.4	42.3	42.0	101.2	11.2	11.0	96.5
A4	6.4	6.5	105.0	42.6	42.0	101.9	11.7	11.3	100.8
A5	6.1	6.0	100.0	43.0	42.2	102.9	12.5	12.2	107.7
B3		5.8			42.6			12.3	
B4	5.9	6.0	96.8	43.7	42.7	104.6	10.7	11.1	92.2
B5	6.5	6.4	106.6	43.3	41.9	103.6	12.6	12.7	108.6
C1	6.3	6.1	103.3	42.2	41.7	101.0	11.3	11.6	97.4
C2	6.3	6.0	103.3	43.0	42.5	102.9	11.2	11.2	96.5
C4	5.5	5.7	90.2	43.0	42.0	102.9	11.0	11.1	94.8
C5	6.6	6.6	108.2	42.5	42.0	101.7	12.0	12.2	103.4
D2	5.9	6.0	96.8	42.9	42.0	102.6	12.1	12.0	104.3
D3		6.0			42.0			11.8	
D4	6.0	6.0	98.4	42.8	42.0	102.4	11.9	11.5	102.6
D5	6.1	6.1	100.0	42.2	41.5	101.0	12.0	12.1	103.4
E1	5.2	5.2	85.3	42.2	41.0	101.0	12.2	12.6	105.2
E2	5.3	5.2	86.9	42.0	41.0	100.5	12.4	12.1	106.9
E3	5.2	5.2	85.3	42.2	41.0	101.0	12.1	12.0	104.3
E5		5.7			41.2			11.6	
F1		5.7			41.1			12.0	
F2	6.1	5.9	100.0	42.3	41.8	101.2	11.7	11.9	100.8
F3	6.0	6.0	98.4	42.4	41.3	101.4	11.3	12.2	97.4
F5	7.0	6.7	114.8	42.4	42.0	101.4	10.8	10.7	93.1
G1	6.7	6.5	109.9	42.5	42.1	101.7	11.6	11.7	100.0
G3	5.4	5.4	88.6	43.1	42.0	103.1	11.8	11.6	101.7
G4	6.3	5.7	103.3	41.8	41.3	100.0	10.5	11.2	90.5
G5	5.8	5.7	95.1	42.9	42.0	102.6	11.5	11.6	99.1
H1	5.7	5.6	93.5	43.0	42.0	102.9	11.9	12.0	102.6
H2	6.2	6.3	101.7	43.2	42.1	103.4	11.1	11.1	95.7
H3	6.6	6.6	108.2	42.1	41.6	100.7	11.1	11.4	95.7
H4	6.7	6.6	109.9	42.4	41.6	101.4	11.2	11.7	96.5
H5	6.6	6.6	108.2	42.6	42.0	101.9	12.1	12.2	104.3
I1	6.0	6.1	98.4	42.4	42.0	101.4	10.6	11.0	91.4
I2	6.4	6.5	105.0	42.6	42.2	101.9	11.7	11.4	100.8
I3	5.2	5.4	85.3	43.4	42.2	103.8	11.2	11.3	96.5
I4	4.7	4.9	77.1	43.8	42.2	104.8	10.5	11.1	90.5
I5	6.2	6.0	101.7	41.7	41.3	99.8	12.0	11.9	103.4
J1	5.8	5.9	95.1	42.8	42.0	102.4	11.2	11.5	96.5
J2	5.9	5.8	96.8	42.5	41.4	101.7	11.1	11.4	95.7
J3	6.0	6.0	98.4	42.2	41.4	101.0	11.1	11.3	95.7
J5	6.2	6.0	101.7	42.5	41.6	101.7	12.1	12.1	104.3
K2	6.0	5.9	98.4	41.6	41.3	99.5	10.8	10.8	93.1
K4	6.7	7.8	109.9	42.4	42.0	101.4	10.3	10.5	88.8
L1	6.8	6.9	111.5	42.6	41.9	101.9	11.6	11.7	100.0
L2	6.6	6.9	108.2	41.7	41.3	99.8	10.6	10.8	91.4
L3	5.7		93.5	43.1		103.1			
CKPG	6.1	6.1	100.1	42.6	41.8	101.9	11.4	11.6	98.7

Notes A and B are given in the appendix.

Averages of Mill Quality Data for JAN-FEB, 1992 42 LB Kraft Linerboard

Code	Burst PSIG			CD Ring Crush Lb.			CD STFI Lb./In.		
	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B
A1	108.8	104.8	100.8				21.0	20.7	100.9
A2		109.0						20.5	
A3	105.0	105.7	97.3				21.0	21.2	100.9
A4	104.0	105.1	96.4				20.1	20.6	96.6
A5	101.5	106.7	94.1	78.3	82.2	93.7	19.3	18.7	92.7
B3		105.2			90.2				
B4	106.5	108.0	98.7	92.8	92.7	111.0			
B5	103.8	104.4	96.2	94.6	89.2	113.2			
C1	106.8	106.2	99.0	91.8	93.0	109.8			
C2	112.2	116.4	104.0	96.0	95.0	114.9			
C4	115.5	111.8	107.0	99.4	96.8	118.9	23.3	21.3	112.0
C5	101.5	102.2	94.1				20.3	20.5	97.6
D2	102.0	102.7	94.5		69.4		18.3	19.0	87.9
D3		102.0			74.3				
D4	105.6	105.1	97.9	74.1	73.9	88.7	20.2		97.1
D5	108.7	106.1	100.7				18.7	19.5	89.9
E1	108.0	103.9	100.1				17.9		86.0
E2	107.5	112.3	99.6				19.2		92.3
E3	109.0	111.0	101.0				20.3		97.6
E5		103.0			74.0				
F1		102.0			81.0				
F2	101.0	102.5	93.6		75.5				
F3	117.0	108.6	108.4				19.9	20.9	95.6
F5	108.0	113.3	100.1	72.0	71.9	86.1	21.6	21.4	103.8
G1	110.5	112.1	102.4				20.5	20.1	98.5
G3	109.0	112.5	101.0						
G4	104.5	108.7	96.8						
G5	94.5	102.2	87.6	78.0	82.5	93.3			
H1	91.5	103.0	84.8	82.5	82.5	98.7			
H2	119.8	124.8	111.0	79.5	78.3	95.1			
H3	119.3	117.0	110.5	79.5	77.7	95.1	31.1	22.6	149.5
H4	110.0	114.8	101.9	105.9	93.4	126.7	22.1	22.8	106.2
H5	115.5	111.7	107.0	84.6	89.2	101.2	22.3	22.8	107.2
I1	106.0	102.6	98.2	86.0	86.2	102.9	21.5	20.3	103.3
I2	102.5	102.6	95.0	82.0	82.7	98.1			
I3	104.5	104.3	96.8	84.6	91.2	101.2			
I4	115.5	105.8	107.0	90.9	89.9	108.8			
I5	105.4	106.9	97.7	73.0	67.2	87.3	18.4	18.9	88.4
J1	103.0	104.8	95.4	83.0	67.5	99.3	21.3	21.1	102.4
J2	112.5	113.6	104.2	77.0	80.0	92.1			
J3	105.5	107.0	97.8	85.5	85.8	102.3			
J5	100.5	101.6	93.1	83.5	86.0	99.9	20.5	21.1	98.5
K2	112.5	111.7	104.2	92.0	88.8	110.1	23.0	21.9	110.5
K4	115.1	111.4	106.7	83.0	90.4	99.3			
L1	128.5	122.1	119.1	88.0	94.3	105.3			
L2	102.2	105.0	94.7	99.0		118.4			
L3	109.3		101.3	95.0	98.9	113.7	20.1	21.1	96.6
				80.9		96.8			
				81.8		97.9			
CKPG	107.9	107.9	99.9	85.8	83.6	102.7	20.9	20.8	100.5

Note B is given in the appendix.

Averages of Mill Quality Data for MAR-APR, 1992

42 LB Kraft Linerboard

Code	Moisture Content			Adj. Basis Wt. *A			Caliper		
	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B
A1	6.5	6.6	106.4	42.6	41.7	102.0	10.9	11.5	94.4
A2		7.0			42.0			11.6	
A3	7.0	7.1	114.6	42.4	42.0	101.5	11.3	11.1	97.8
A4	6.5	6.5	106.4	42.6	42.0	102.0	11.7	11.4	101.3
A5	6.0	6.0	98.3	43.0	42.2	102.9	12.3	12.3	106.5
B4	5.9	6.0	96.6	43.5	42.8	104.1	10.6	11.0	91.8
B5	6.5	6.4	106.4	43.3	42.0	103.6	12.3	12.7	106.5
C1	6.5	6.1	106.4	42.1	41.7	100.8	11.2	11.0	97.0
C2	6.2	6.0	101.5	42.4	42.5	101.5	10.8	11.2	93.5
C4	5.4	5.7	88.4	43.1	42.0	103.1	11.7	11.1	101.3
C5	6.7	6.6	109.7	42.5	42.0	101.7	12.2	12.1	105.6
D2	6.0	6.0	98.3	42.8	42.0	102.4	12.1	12.0	104.8
D3		6.0			42.0			11.8	
D4	6.0	6.0	98.3	42.8	42.0	102.4	11.2	11.6	97.0
D5	6.1	6.1	99.9	42.3	41.5	101.2	12.0	12.1	103.9
E1	5.3	5.2	86.8	42.2	41.0	101.0	12.1	12.5	104.8
E2		5.2			40.9			12.2	
E3	5.5	5.2	90.1	41.0	41.0	98.1	11.9	12.1	103.0
E5		5.7			41.2			11.6	
F1		5.7			41.1			12.0	
F2	6.3	6.0	103.2	42.1	41.6	100.8	12.0	11.9	103.9
F3	5.9	6.0	96.6	42.3	41.4	101.2	11.1	11.9	96.1
F5	7.1	6.7	116.3	42.3	42.0	101.2	11.0	10.6	95.2
G1	6.7	6.6	109.7	42.5	42.0	101.7	11.7	11.7	101.3
G3		5.4			42.0			11.7	
G4	6.0	5.9	98.3	41.5	41.3	99.3	10.8	11.1	93.5
G5	5.6	5.7	91.7	42.2	42.0	101.0	11.6	11.5	100.4
H1	5.7	5.6	93.3	42.1	42.0	100.8	11.7	11.8	101.3
H2	6.5	6.3	106.4	42.4	42.3	101.5	11.3	11.1	97.8
H3	6.6	6.6	108.1	42.2	41.6	101.0	11.1	11.3	96.1
H4	6.6	6.7	108.1	42.4	41.7	101.5	11.3	11.7	97.8
H5	6.6	6.6	108.1	42.6	42.0	102.0	11.8	12.1	102.2
I1	6.0	6.0	98.3	42.7	41.9	102.2	10.8	10.9	93.5
I2	6.4	6.5	104.8	42.4	42.2	101.5	11.8	11.5	102.2
I3	5.5	5.4	90.1	43.0	42.2	102.9	10.8	11.2	93.5
I4	5.0	4.9	81.9	43.7	42.3	104.6	10.3	11.0	89.2
I5	6.1	6.1	99.9	41.9	41.2	100.3	11.9	11.9	103.0
J1	5.7	5.9	93.3	43.1	42.0	103.1	11.8	11.4	102.2
J2	5.7	5.8	93.3	42.3	41.4	101.2	11.1	11.3	96.1
J3	6.0	6.0	98.3	42.2	41.4	101.0	11.3	11.3	97.8
J5	6.1	6.1	99.9	42.7	41.6	102.2	12.2	12.1	105.6
K2	6.1	6.0	99.9	41.7	41.2	99.8	11.0	10.8	95.2
K4	6.2	7.6	101.5	43.7	41.9	104.6	10.3	10.5	89.2
L1	6.8	6.9	111.4	42.5	41.9	101.7	11.7	11.7	101.3
L2	6.7	6.8	109.7	41.8	41.3	100.0	10.8	10.8	93.5
L3	5.8	5.7	95.0	43.0	42.1	102.9			

CKPG

6.1 6.1 100.6

42.5 41.8 101.7

11.4 11.5 98.9

Notes A and B are given in the appendix.

Averages of Mill Quality Data for MAR-APR, 1992 42 LB Kraft Linerboard

Code	Burst PSIG			CD Ring Crush Lb.			CD STFI Lb./In.		
	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B
A1	108.6	105.9	100.7				20.6	20.8	99.2
A2		109.0						20.5	
A3	105.5	105.6	97.8				21.2	21.1	102.1
A4	106.6	105.1	98.8				20.0	20.4	96.3
A5	105.0	105.5	97.3	77.8	81.5	93.0	20.4	18.8	98.3
B4	104.5	104.3	96.9		69.5				
B5	104.5	104.3	96.9	92.6	90.1	110.7			
C1	107.9	106.3	100.0	92.6	90.1	110.7			
C2	120.5	115.5	111.7	95.4	93.0	114.1			
C4	111.5	113.8	103.4	96.7	95.2	115.6			
C5	103.0	102.2	95.5	99.8	97.4	119.3	23.2	22.3	111.8
D2	104.0	102.5	96.4		69.5		20.6	20.3	99.2
D3		102.0			74.3		19.0	18.7	91.5
D4	108.0	105.4	100.1	74.5	73.9	89.1	20.4	20.2	98.3
D5	108.3	106.6	100.4				19.4	19.2	93.4
E1	106.0	104.9	98.3				17.7	17.9	85.3
E2		110.7					19.2	19.2	
E3	107.5	110.5	99.7				20.7	20.3	99.7
E5		103.0			74.0				
F1		102.0			81.0				
F2	100.0	101.7	92.7		74.8				
F3	115.5	110.1	107.1	73.0	72.1	87.3	20.3	20.7	97.8
F5	116.0	112.6	107.5				21.7	21.6	104.5
G1	109.5	112.4	101.5				20.1	20.2	96.8
G3		110.8			80.3				
G4	107.5	106.5	99.7	84.0	82.9	100.4			
G5	101.0	100.8	93.6	80.5	78.6	96.3			
H1	95.0	100.8	88.1	77.0	77.9	92.1			
H2	119.9	122.3	111.2	97.1	99.7	116.1	26.4	26.9	127.2
H3	119.1	117.3	110.4	88.3	88.2	105.6	23.0	22.7	110.8
H4	111.0	115.0	102.9	87.0	85.8	104.0	22.1	23.0	106.5
H5	109.5	112.6	101.5	87.5	83.0	104.6	24.0	20.5	115.6
I1	107.1	103.3	99.3	82.5	89.9	98.7			
I2	101.7	102.6	94.3	98.1	90.1	117.3			
I3	91.5	104.7	84.8	69.0	67.1	82.5	18.9	18.7	91.0
I4	104.0	107.4	96.4		70.6			21.2	
I5	104.5	106.8	96.9	77.5	79.1	92.7			
J1	106.5	104.5	98.7	87.5	85.8	104.6			
J2	116.0	113.3	107.5	85.0	85.3	101.6	21.0	20.9	101.2
J3	106.0	106.4	98.3	90.5	89.2	108.2	22.5	22.1	108.4
J5	101.5	101.1	94.1	81.0	88.4	96.9			
K2	118.5	112.8	109.9	83.5	93.3	99.8			
K4	110.5	112.9	102.4	96.3	99.0	115.2			
L1	127.8	123.7	118.5	91.0	97.3	108.8			
L2	105.6	104.7	97.9	85.2	80.9	101.9	19.5	20.8	93.9
L3	105.1	109.3	97.4	77.4	81.8	92.6			
CKPG	108.0	107.9	100.2	86.0	83.6	102.8	21.0	20.8	101.3

Note B is given in the appendix.

Averages of Mill Quality Data for MAY-JUN, 1992

42 LB Kraft Linerboard

Code	Moisture Content			Adj. Basis Wt. *A			Caliper		
	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B
A1	6.6	6.6	107.9	42.5	41.8	101.7	10.3	11.4	89.4
A2	7.2	7.0	117.7	42.3	42.0	101.2	11.8	11.6	102.4
A3	7.0	7.1	114.4	42.4	42.0	101.5	11.2	11.1	97.2
A4	6.4	6.5	104.6	42.7	42.0	102.2	11.6	11.5	100.6
A5	6.0	6.0	98.1	43.0	42.2	102.9	12.1	12.3	105.0
B4	6.0	6.0	98.1	43.6	42.7	104.3	10.5	10.8	91.1
B5	6.5	6.5	106.3	43.3	42.2	103.6	12.3	12.6	106.7
C1	6.3	6.2	103.0	42.2	41.7	101.0	11.2	11.1	97.2
C2	6.3	6.1	103.0	43.1	42.4	103.1	10.1	11.1	87.6
C4	5.4	5.7	88.3	43.2	42.0	103.4	11.7	11.3	101.5
C5	6.7	6.6	109.5	42.5	42.0	101.7	11.8	12.1	102.4
D2	6.0	6.0	98.1	42.8	42.0	102.4	12.2	12.1	105.8
D3	6.0	6.0	98.1	42.8	42.0	102.4	12.6	11.9	109.3
D4	6.0	6.0	98.1	42.8	42.0	102.4	11.3	11.6	98.0
D5	6.1	6.1	99.7	42.2	41.5	101.0	12.1	12.0	105.0
E1	5.1	5.2	83.4	42.1	41.0	100.8	12.2	12.3	105.8
E2	5.1	5.2	83.4	42.2	40.9	101.0	12.3	12.2	106.7
E3	4.8	5.2	78.5	42.5	41.0	101.7	11.8	12.0	102.4
E5	5.7	5.7		41.2			11.6		
F1	5.7	5.7		41.1			12.0		
F2	6.1	6.0	99.7	42.1	41.7	100.8	11.8	12.0	102.4
F3	6.0	6.0	98.1	42.3	41.4	101.2	11.6	11.7	100.6
F5	7.2	6.8	117.7	42.3	42.0	101.2	10.5	10.7	91.1
G1	6.5	6.6	106.3	42.7	42.0	102.2	11.2	11.7	97.2
G3	5.4	5.4		42.0			11.7		
G4	5.8	6.0	94.8	41.7	41.1	99.8	10.7	11.0	92.8
G5	5.7	5.8	93.2	42.1	41.9	100.8	11.4	11.4	98.9
H1	5.7	5.7	93.2	42.1	41.9	100.8	11.5	11.8	99.8
H2	6.3	6.3	103.0	42.6	42.1	102.0	11.4	11.2	98.9
H3	6.5	6.6	106.3	42.3	41.6	101.2	11.5	11.3	99.8
H4	6.8	6.7	111.2	42.4	41.8	101.5	11.1	11.5	96.3
H5	6.6	6.6	107.9	42.7	42.1	102.2	12.0	12.0	104.1
I1	6.3	6.0	103.0	42.7	41.9	102.2	10.4	10.9	90.2
I2	6.4	6.5	104.6	42.5	42.1	101.7	11.5	11.5	99.8
I3	5.1	5.4	83.4	45.3	42.2	108.4	11.5	11.1	99.8
I4	4.9	4.8	80.1	43.7	42.3	104.6	10.4	10.9	90.2
I5	6.1	6.2	99.7	41.7	41.2	99.8	11.8	11.9	102.4
J1	5.6	5.8	91.5	43.1	42.0	103.1	11.6	11.4	100.6
J2	5.9	5.8	96.4	42.3	41.5	101.2	11.3	11.2	98.0
J3	5.8	6.0	94.8	42.2	41.4	101.0	11.2	11.3	97.2
J5	6.1	6.1	99.7	42.6	41.7	102.0	12.0	12.1	104.1
K2	6.1	6.0	99.7	42.0	41.1	100.5	11.1	10.8	96.3
K4	6.7	7.4	109.5	42.4	42.1	101.5	10.6	10.5	92.0
L1	6.9	6.9	112.8	42.4	41.9	101.5	11.4	11.7	98.9
L2	6.8	6.8	111.2	41.7	41.3	99.8	10.5	10.8	91.1
L3	5.9	5.8	96.4	43.1	42.1	103.1	10.9		94.6

CKPG 6.1 6.1 100.1 42.6 41.8 101.9 11.4 11.5 98.9

Notes A and B are given in the appendix.

Averages of Mill Quality Data for MAY-JUN, 1992 42 LB Kraft Linerboard

Code	Burst PSIG			CD Ring Crush Lb.			CD STFI Lb./In.		
	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B
A1	116.2	107.0	107.7				20.1	20.7	96.6
A2	107.0	109.0	99.2				20.4	20.5	98.1
A3	104.0	105.4	96.4				20.9	21.1	100.5
A4	106.3	105.7	98.5	77.3	80.7	92.6	19.9	20.2	95.7
A5	112.0	104.8	103.8		65.5		19.9	19.1	95.7
B4	110.9	107.7	102.8	93.7	94.1	112.2			
B5	104.9	104.4	97.2	89.9	90.9	107.6			
C1	107.2	106.7	99.3	93.3	93.3	111.7			
C2	127.6	116.4	118.3	100.5	95.5	120.3			
C4	111.9	113.8	103.7	102.1	98.4	122.2	22.0	22.6	105.8
C5	104.5	102.7	96.8				20.6	20.4	99.0
D2	109.0	103.2	101.0		70.9		18.2	18.8	87.5
D3	106.0	101.3	98.2		76.0		20.2		97.1
D4	105.2	105.9	97.5	72.6	74.0	86.9	19.9	20.3	95.7
D5	108.5	107.2	100.5				20.4	19.2	98.1
E1	104.0	105.5	96.4				18.1	17.8	87.0
E2	111.0	110.7	102.9				19.6	19.2	94.2
E3	107.5	110.3	99.6				20.5	20.5	98.6
E5		103.0			74.0				
F1		102.0			81.0				
F2	100.0	101.6	92.7						
F3	112.0	111.3	103.8				18.3	20.6	88.0
F5	120.5	113.4	111.7	66.0	73.1	79.0	22.6	21.7	108.7
G1	109.0	112.2	101.0				21.0	20.3	101.0
G3		110.8							
G4	108.5	105.5	100.5		80.3				
G5	102.5	100.2	95.0	86.5	83.4	103.6			
H1	103.5	98.8	95.9	79.0	79.2	94.6			
H2	123.0	121.5	114.0	75.0	78.7	89.8			
H3	111.0	117.4	102.9	109.8	98.8	131.5	26.7		
H4	116.0	114.4	107.5	86.0	87.4	103.0	22.1	22.7	106.3
H5	110.0	111.8	101.9	82.0	85.3	98.2	21.7	23.2	104.3
I1	103.7	103.9	96.1	79.5	83.5	95.2	23.0	21.0	110.6
I2	102.4	102.5	94.9	68.1	88.7	81.5			
I3	108.0	102.7	100.1	94.3	91.5	112.9			
I4	113.0	108.4	104.7	69.0	66.8	82.6	20.2	18.8	97.1
I5	104.6	105.9	96.9	69.0	70.6	82.6		21.0	
J1	105.0	104.3	97.3	79.5	77.8	95.2			
J2	115.5	114.1	107.0	89.5	85.4	107.2			
J3	115.0	106.4	106.6	82.0	85.3	98.2	21.0	20.9	101.0
J5	101.5	101.2	94.1	90.0	89.4	107.8	22.0	22.2	105.8
K2	114.5	113.8	106.1	84.5	87.2	101.2			
K4	104.9	112.7	97.2	86.0	90.8	103.0			
L1	130.9	123.8	121.3	98.2	97.7	117.6			
L2	109.5	105.2	101.5	92.0	95.4	110.2			
L3	105.0	107.2	97.3	83.9	83.1	100.5	19.6	20.5	94.2
				75.9	79.6	90.9			

CKPG 109.6 107.9 101.6

84.7 83.5 101.4

20.5 20.8 98.6

Note B is given in the appendix.

Table XIII

Averages of Mill Quality Data for JAN-FEB, 1992 69 LB Kraft Linerboard

Code	Moisture Content Percent			Adj. Basis Wt. *A Lb/M Sq. Ft.			Caliper Mils		
	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B
A1	6.8	6.7	104.3	69.3	68.4	101.0	18.3	18.9	97.4
A3	6.9	7.1	105.8	69.6	69.0	101.4	17.4	16.6	92.6
A4	7.0	7.0	107.3	69.5	69.0	101.3	18.6	18.2	99.0
A5	6.0	5.9	92.0	70.8	69.4	103.2	19.2	18.9	102.2
B3		6.1			68.5			19.8	
B4	6.1	6.2	93.5	71.0	69.5	103.5	17.2	17.7	91.6
C1	6.5	6.3	99.7	69.7	68.2	101.6	18.5	18.0	98.5
C4	6.0	6.1	92.0	70.2	69.0	102.3	18.6	18.4	99.0
D4	7.0	7.0	107.3	69.7	69.0	101.6	19.6	19.3	104.4
D5	7.1	7.1	108.9	69.3	68.7	101.0	20.0	19.6	106.5
E2		5.7			67.6			19.5	
E3	5.7	5.7	87.4	69.2	67.7	100.8	19.5	19.5	103.8
E5		6.1			68.2			20.1	
F2	6.5	6.5	99.7	69.0	67.7	100.5	18.6	18.7	99.0
F3	6.3	6.2	96.6	69.7	68.0	101.6	16.7	18.7	88.9
F5		6.8			69.5			17.3	
G1		6.5			69.4			19.9	
G2	6.3	6.3	96.6	70.1	69.0	102.1	18.1	18.2	96.4
G4	6.7	6.6	102.7	68.6	67.8	100.0	17.2	17.5	91.6
H1	5.7	5.8	87.4	70.6	69.0	102.9	19.3	19.3	102.8
H4	7.0	6.8	107.3	69.5	68.6	101.3	21.2	20.1	112.9
H5	7.6	7.6	116.5	69.2	69.0	100.8	19.7	19.3	104.9
I1	6.8	6.5	104.3	69.7	69.2	101.6	17.8	18.2	94.8
I3	5.6	5.7	85.9	70.4	69.2	102.6	19.0	18.7	101.2
I5	6.6	6.2	101.2	68.2	67.5	99.4	19.0	19.3	101.2
J1	6.4	6.6	98.1	70.0	69.0	102.0	18.9	18.9	100.6
J2	6.9	6.8	105.8	69.0	68.2	100.5	18.2	18.6	96.9
K1	6.1	6.1	93.5	69.4	68.4	101.1	19.3	19.4	102.8
K4	6.7	7.8	102.7	69.8	69.0	101.7	17.8	18.4	94.8
L1	6.6	6.8	101.2	69.6	68.7	101.4	18.2	19.2	96.9
L2	7.5	7.6	115.0	68.4	68.1	99.7	18.0	18.0	95.8
L3	6.2		95.1	70.3		102.4			

CKPG	6.5	6.5	100.3	69.6	68.6	101.4	18.6	18.8	99.1
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Notes A and B are given in the appendix.

Table XIII (Cont)

Averages of Mill Quality Data for JAN-FEB, 1992										69 LB Kraft Linerboard			
Code	Burst PSIG			CD Ring Crush Lb.			CD STFI Lb./In.						
	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B				
A1	143.8	141.0	96.7							40.4	34.2	124.7	
A3	142.0	148.3	95.5							33.5	33.5	103.4	
A4	151.8	152.8	102.1	135.4	133.9	101.3				33.7	33.9	104.1	
A5	142.0	146.6	95.5		125.2					32.2	31.4	99.4	
B3					142.4								
B4	153.0	150.7	102.9	152.1	148.8	113.8							
C1	157.7	156.5	106.1	142.3	144.0	106.4							
C4	142.0	150.1	95.5	159.5	171.0	119.3				35.2	35.2	108.7	
D4	144.6	148.1	97.3	118.3	117.6	88.5				30.8		95.1	
D5	154.2	150.0	103.7							28.7	30.3	88.6	
E2	155.5												
E3	151.0	158.5	101.6								28.5		
E5	131.0				129.0								
F2	132.5	133.0	89.1										
F3	161.5	156.8	108.7	124.5	115.8	93.1				34.4	32.8	106.2	
F5													
G1	144.0										33.8		
G2	144.5	146.6	97.2							33.5	31.6	103.4	
G4	141.5	144.5	95.2										
H1	130.5	137.8	87.8	136.5	137.1	102.1							
H4	153.5	159.7	103.3	125.0	125.7	93.5							
H5	150.5	149.8	101.3	136.5	136.2	102.1				32.7	37.0	101.0	
I1	147.5	146.9	99.2	126.5	129.6	94.6				31.5	31.7	97.3	
I3	137.0	141.8	92.2	139.4	141.8	104.3							
I5	151.7	153.9	102.1	125.5	118.9	93.9				25.6	27.6	79.0	
J1	152.0	147.3	102.3	130.0	131.8	97.2							
J2	152.0	147.3	102.3	118.0	122.8	88.3				29.0	32.5	89.5	
K1	139.0	138.5	93.5	118.0	122.8	88.3				29.0	32.5	89.5	
K4	169.9	162.6	114.3	116.5	117.3	87.1							
L1	179.4	172.7	120.7	148.4		111.0							
L2	137.4	145.5	92.4	171.0	162.5	127.9				32.0	34.6	98.8	
L3	141.2	141.2	95.0	134.8		100.8							
				133.1		99.5							
CKPG	148.3	148.6	99.8	134.6	133.7	100.6				32.1	32.4	99.3	

Note B is given in the appendix.

Table XIV

Averages of Mill Quality Data for MAR-APR, 1992 69 LB Kraft Linerboard

Code	Moisture Content Percent			Adj. Basis Wt. *A Lb/M Sq. Ft.			Caliper Mils		
	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B
A1	6.4	6.7	98.1	69.3	68.4	101.0	18.5	18.8	98.5
A3	7.1	7.1	108.8	69.6	69.0	101.4	17.3	16.8	92.1
A4	7.0	7.0	107.3	69.6	69.0	101.4	18.8	18.2	100.1
A5	6.1	5.9	93.5	70.7	69.4	103.0	19.0	19.0	101.2
B4	6.0	6.2	91.9	71.1	69.7	103.6	17.2	17.7	91.6
C1	6.5	6.3	99.6	69.7	68.3	101.6	17.7	18.1	94.2
C4	6.1	6.1	93.5	70.2	69.0	102.3	18.6	18.4	99.0
D4	7.0	7.0	107.3	69.6	69.0	101.4	19.2	19.4	102.2
D5	7.1	7.1	108.8	69.3	68.7	101.0	20.2	19.7	107.5
E2	5.7	5.7	87.3	69.2	67.7	100.8	19.1	19.6	101.7
E3	5.7	5.7	87.3	69.2	67.7	100.8	19.1	19.6	101.7
E5	6.1	6.1		68.2	68.2		20.1	20.1	
F2	6.6	6.5	101.1	68.7	67.8	100.1	19.3	18.7	102.8
F3	6.2	6.2	95.0	69.3	68.1	101.0	17.1	18.1	91.0
G1	6.6	6.6		69.3	69.3		19.9	19.9	
G2	6.3	6.2	96.5	70.1	69.0	102.1	18.2	18.1	96.9
G4	6.2	6.8	95.0	68.2	68.0	99.4	17.7	17.5	94.2
H1	5.7	5.8	87.3	69.2	69.0	100.8	18.9	19.2	100.6
H4	7.1	6.9	108.8	69.6	68.6	101.4	19.4	20.4	103.3
H5	7.6	7.6	116.4	69.1	69.0	100.7	18.9	19.4	100.6
I1	6.4	6.6	98.1	69.5	69.1	101.3	18.0	18.1	95.8
I3	5.8	5.7	88.9	70.1	69.1	102.1	20.2	18.7	107.5
I5	6.6	6.4	101.1	68.1	67.5	99.2	19.2	19.2	102.2
J1	6.0	6.6	91.9	70.3	69.0	102.4	20.0	18.9	106.5
J2	6.8	6.8	104.2	68.9	68.2	100.4	18.6	18.5	99.0
K1	6.0	6.1	91.9	69.3	68.3	101.0	19.3	19.3	102.8
K4	6.3	7.6	96.5	70.2	69.0	102.3	18.1	18.3	96.4
L1	6.3	6.7	96.5	69.7	68.7	101.6	18.8	19.0	100.1
L2	7.5	7.6	114.9	68.8	68.2	100.2	18.3	18.1	97.4
L3	6.3	6.2	96.5	70.1	69.1	102.1	18.3	18.1	97.4
CKPG	6.5	6.5	99.1	69.5	68.6	101.3	18.7	18.8	99.4

Notes A and B are given in the appendix.

Table XIV (Cont)

Averages of Mill Quality Data for MAR-APR, 1992 69 LB Kraft Linerboard

Code	Burst PSIG			CD Ring Crush Lb.			CD STFI Lb/in.		
	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B
A1	150.2	143.0	101.1				35.7	35.4	110.7
A3	150.5	148.3	101.3				32.9	33.4	102.0
A4	157.1	153.5	105.7	135.9	134.6	101.0	33.7	33.8	104.5
A5	150.0	146.3	100.9		125.3		33.0	31.6	102.3
B4	156.6	151.5	105.4	147.7	149.4	109.8			
C1	162.4	157.4	109.3	145.4	144.0	108.0			
C4	150.1	149.3	101.0	173.1	170.3	128.6	34.9	35.2	108.2
D4	149.3	148.3	100.5	123.1	117.6	91.5	31.2	30.8	96.8
D5	148.9	150.2	100.2				30.2	29.7	93.7
E2	155.5								
E3	147.0	157.2	98.9				30.8	28.5	95.5
E5	131.0			129.0					
F2	132.0	133.1	88.8						
F3	161.5	158.4	108.7	127.0	116.4	94.4	35.1	33.2	108.9
G1	145.0							29.9	
G2	146.5	146.6	98.6				31.2	32.3	96.8
G4	134.5	142.4	90.5	134.5	139.0	99.9			
H1	140.0	137.7	94.2	133.0	125.8	98.8			
H4	156.0	159.2	105.0	139.0	135.3	103.3	32.6	36.9	101.1
H5	156.0	151.1	105.0	129.5	129.0	96.2	32.5	31.9	100.8
I1	150.1	147.5	101.0	142.0	141.2	105.5			
I3	146.5	143.2	98.6	114.0	118.0	84.7	23.4	27.0	72.6
I5	152.9	152.5	102.9	125.0	131.1	92.9			
J1	141.0	141.2	94.9	137.0	136.1	101.8			
J2	155.0	149.3	104.3	118.5	120.8	88.1	30.0	32.0	93.0
K1	138.5	138.9	93.2	121.0	117.4	89.9			
K4	155.1	162.0	104.4	147.3	148.4	109.5			
L1	177.3	173.1	119.3	161.5	164.1	120.0			
L2	144.6	144.5	97.3	146.2	134.8	108.6	33.7	34.3	104.5
L3	140.7	141.0	94.7	128.8	133.1	95.7			
CKPG	150.0	148.6	100.9	136.5	134.6	101.4	32.1	32.2	99.4

Note B is given in the appendix.

Table XV

Averages of Mill Quality Data for MAY-JUN, 1992 69 LB Kraft Linerboard

Code	Moisture Content			Adj. Basis Wt. *A			Caliper		
	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B
A1	6.4	6.7	98.1	69.5	68.5	101.3	17.3	18.7	92.2
A3	7.0	7.1	107.3	69.6	69.0	101.4	17.2	16.9	91.7
A4	7.0	7.0	107.3	69.6	69.0	101.4	18.7	18.3	99.7
A5	6.1	6.0	93.5	70.6	69.4	102.9	19.0	19.0	101.3
B4	6.1	6.2	93.5	71.0	69.7	103.5	17.2	17.2	91.7
C1	6.5	6.4	99.6	69.7	68.4	101.6	17.7	18.1	94.4
C4	6.2	6.1	95.0	70.1	69.0	102.2	18.7	18.4	99.7
D4	7.0	7.0	107.3	69.6	69.0	101.4	19.1	19.5	101.8
D5	7.1	7.1	108.8	69.3	68.8	101.0	19.3	19.7	102.9
E2	5.7	5.7	87.3	69.7	67.6	101.6	19.7	19.5	105.0
E3	5.7	5.7	87.3	69.7	67.7	101.6	19.7	19.6	105.0
E5	6.1	6.1		68.2			20.1		
F2	6.6	6.5	101.1	69.1	67.7	100.7	20.4	18.7	108.8
F3	6.1	6.2	93.5	68.8	68.1	100.3	18.0	17.7	96.0
G1	6.5	6.5		69.2			20.2		
G2	7.0	6.3	107.3	69.6	69.0	101.4	17.9	18.0	95.4
G4	6.1	6.7	93.5	68.3	67.8	99.5	16.6	17.3	88.5
H1	5.8	5.8	88.9	69.2	68.8	100.8	19.0	19.2	101.3
H4	7.0	7.0	107.3	69.4	68.8	101.1	19.0	20.4	101.3
H5	7.6	7.6	116.4	69.1	69.0	100.7	18.7	19.4	99.7
I1	6.5	6.6	99.6	69.7	69.0	101.6	17.4	18.1	92.8
I3	4.8	5.7	73.5	69.0			18.0	18.9	96.0
I5	6.7	6.5	102.7	67.9	67.5	99.0	18.4	19.1	98.1
J1	6.0	6.5	91.9	70.6	69.0	102.9	19.2	19.0	102.4
J2	6.8	6.8	104.2	69.0	68.2	100.6	19.1	18.5	101.8
K1	6.1	6.1	93.5	69.1	68.1	100.7	19.5	19.2	104.0
K4	6.7	7.4	102.7	69.8	69.0	101.7	17.9	18.2	95.4
L1	6.6	6.6	101.1	69.9	68.7	101.9	18.1	18.9	96.5
L2	7.5	7.6	114.9	68.6	68.3	100.0	18.2	18.2	97.0
L3	5.6	6.3	85.8	70.5	69.1	102.7	17.1		91.2

CKPG	6.5	6.5	99.1	69.5	68.6	101.3	18.4	18.8	98.0
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Notes A and B are given in the appendix.

Table XV (Cont)

Averages of Mill Quality Data for MAY-JUN, 1992										69 LB Kraft Linerboard			
Code	Burst PSIG			CD Ring Crush Lb.			CD STFI Lb/In.						
	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B				
A1	155.8	146.5	104.8							34.6	35.1	106.5	
A3	147.0	148.3	98.9							31.3	33.3	96.4	
A4	160.3	154.7	107.9							33.1	33.8	101.9	
A5	152.5	147.5	102.6	133.0	135.7	98.7				34.0	31.9	104.7	
B4	167.9	154.1	113.0		123.5								
C1	154.0	156.9	103.6	144.9	149.7	107.6							
C4	150.4	148.7	101.2	143.2	143.8	106.3							
D4	143.2	146.6	96.4	159.8	170.0	118.6				34.3	35.1	105.6	
D5	146.0	149.4	98.2	114.7	118.7	85.2				30.6	31.0	94.2	
E2										31.4	29.8	96.7	
E3	146.5	155.4	98.6							31.0	29.7	95.5	
E5		131.0			129.0								
F2	132.5	133.4	89.2										
F3	160.5	159.8	108.0	111.0	119.4	82.4				30.7	33.6	94.5	
G1													
G2	149.0	146.7	100.3							31.6	32.5	97.3	
G4	157.0	145.0	105.7										
H1	135.0	136.7	90.8	148.5	139.4	110.2							
H4	152.5	156.5	102.6	128.5	127.6	95.4							
H5	152.5	151.2	102.6	132.5	135.1	98.4				37.2	36.8	114.6	
I1	152.5	151.2	102.6	126.5	128.7	93.9				33.0	32.3	101.6	
I3	145.6	147.2	98.0	144.3	141.3	107.1							
I5	152.0	143.9	102.3	116.0	116.3	86.1				27.7	26.3	85.3	
J1	155.9	152.5	104.9	130.5	128.4	96.9							
J2	139.5	140.9	93.9	141.5	135.4	105.0							
K1	154.5	150.8	104.0	113.5	119.8	84.3				30.5	31.9	93.9	
K4	134.0	138.0	90.2	133.5	118.4	99.1							
L1	152.8	159.7	102.8	151.3	147.9	112.3							
L2	179.6	174.8	120.9	155.5	163.8	115.4							
L3	145.1	143.8	97.6	138.4	140.5	102.7				32.8	34.0	101.0	
	140.8	140.9	94.7	126.9	131.0	94.2							
CKPG	150.5	148.6	101.2	134.7	134.7	100.0				32.3	32.5	99.3	

Note B is given in the appendix.

Table XVI

Averages of Mill Quality Data for JAN—FEB, 1992										90 LB Kraft Linerboard			
Code	Moisture Content			Adj. Basis Wt. *A			Caliper						
	Percent			Lb/M Sq. Ft.			Mils						
	Cur.	Cum.	Ind.	Cur.	Cum.	Ind.	Cur.	Cum.	Ind.	Cur.	Cum.	Ind.	*B
	Av.	Av.	*B	Av.	Av.	*B	Av.	Av.	*B	Av.	Av.	*B	
A3		7.2		89.4	90.0		23.6	21.1		23.6	21.1		
C1	6.5	6.4	95.9	91.5	89.0	99.9	25.1	23.5	96.6	25.1	23.5	96.6	
C4	6.1	6.2	90.0	89.1	90.0	102.2	24.7	24.5	102.7	24.7	24.5	102.7	
F2	7.0	6.6	103.3		88.7	99.5		24.5	101.1		24.5	101.1	
F3	6.5	6.3	95.9										
G2	6.1	6.2	90.0	91.8	90.0	102.6	22.5	23.5	92.1	22.5	23.5	92.1	
H4	7.4	7.0	109.2	90.8	89.4	101.4	25.7	25.3	105.2	25.7	25.3	105.2	
H5	7.5	7.6	110.7	90.6	90.3	101.2	25.8	24.9	105.6	25.8	24.9	105.6	
I1	6.4	6.7	94.4	89.1	89.8	99.5	23.0	24.9	94.1	23.0	24.9	94.1	
I5	8.0	8.0	118.0	88.0	88.9	98.3	25.7	25.6	105.2	25.7	25.6	105.2	
J1		6.9			89.9			24.3			24.3		
J2	6.8	6.9	100.3	90.1	89.4	100.7	24.0	25.0	98.2	24.0	25.0	98.2	
K1	6.0	6.1	88.5	90.6	89.2	101.2	25.4	25.1	104.0	25.4	25.1	104.0	
L3	6.2		91.5	92.2		103.0							
CKPG	6.7	6.8	99.0	90.3	89.5	100.9	24.6	24.4	100.5	24.6	24.4	100.5	

Notes A and B are given in the appendix.

Table XVI (Cont)

Averages of Mill Quality Data for JAN-FEB, 1992										90 LB Kraft Linerboard			
Code	Burst			CD Ring Crush			CD STFI						
	Cur.	Cum.	Ind.	Cur.	Cum.	Ind.	Cur.	Cum.	Ind.	Cur.	Cum.	Ind.	
	Av.	Av.	*B	Av.	Av.	*B	Av.	Av.	*B	Av.	Av.	*B	
A3		189.0											
C1	193.6	189.2	107.3	181.5		106.3							
C4	180.0	188.2	99.8	207.5	218.7	121.5							
F2	160.0	163.4	88.7		170.0					48.6	46.8	114.4	
F3		187.7			149.3								
G2	181.0	181.0	100.3										
H4	190.5	186.1	105.6							44.0	39.8	103.5	
H5	173.0	187.1	95.9	168.5	172.8	98.7							
I1	168.5	161.0	93.4	156.0	168.0	91.4							
I5	180.7	193.0	100.2	162.5	176.3	95.2				37.0	38.3	87.1	
J1		182.0		157.5	163.4	92.2							
J2	183.5	169.9	101.7		174.0								
K1	168.0	167.7	93.1	159.5	160.3	93.4				42.5	43.1	100.0	
L3	175.9		97.5	147.5	154.7	86.4							
				179.2		104.9							
CKPG	177.7	180.4	98.5	168.9	170.8	98.9				43.0	42.5	101.2	

Note B is given in the appendix.

Table XVII

Averages of Mill Quality Data for MAR-APR, 1992										90 LB Kraft Linerboard			
Code	Moisture Content Percent			Adj. Basis Wt. *A Lb/M Sq. Ft.			Caliper Mils						
	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B				
A3		7.2			90.0			21.1					
C1	6.6	6.4	98.1	89.3	88.9	99.8	23.2	23.5	95.1				
C4	5.9	6.2	87.7	91.8	90.0	102.5	24.6	24.6	100.8				
F2	6.9	6.6	102.5	89.8	88.9	100.3	25.3	25.3	103.7				
F3		6.3			88.6			24.7					
G2	6.3	6.1	93.6	91.5	90.0	102.2	23.8	23.3	97.5				
H4	7.1	7.1	105.5	90.9	89.5	101.5	25.7	25.4	105.3				
H5	7.7	7.5	114.4	90.3	90.4	100.9	24.3	25.0	99.6				
I1	6.5	6.6	96.6	91.0	89.3	101.7	23.9	24.5	98.0				
I5	7.9	8.1	117.4	88.7	88.8	99.1	26.0	25.6	106.6				
J1		6.9			89.9			24.3					
J2	6.8	6.9	101.1	90.1	89.3	100.6	24.6	24.8	100.8				
K1	6.1	6.1	90.7	90.2	89.1	100.8	25.2	25.1	103.3				
L3	6.2	6.2	92.1	91.9	90.6	102.7							
CKPG	6.7	6.7	100.0	90.5	89.5	101.1	24.7	24.4	101.1				

Notes A and B are given in the appendix.

Table XVII (Cont)

Averages of Mill Quality Data for MAR-APR, 1992										90 LB Kraft Linerboard			
Code	Burst PSIG			CD Ring Crush			CD STFI						
	Cur.	Cum.	Ind.	Cur.	Cum.	Ind.	Cur.	Cum.	Ind.	Cur.	Cum.	Ind.	
	Av.	Av.	*B	Av.	Av.	*B	Av.	Av.	*B	Av.	Av.	*B	
A3		189.0											
C1	188.0	192.4	103.9	191.7	182.2	111.7					43.4		
C4	182.5	186.8	100.9	217.0	218.5	126.5				47.7	47.7	111.6	
F2	180.5	164.7	99.8		170.0								
F3		190.5			148.8								
G2	184.0	181.2	101.7								41.0		
H4	183.0	188.8	101.2	171.5	170.6	99.9				44.1	40.5	103.2	
H5	185.5	185.3	102.6	171.5	167.9	99.9					45.5		
I1	164.0	162.9	90.7	183.0	172.9	106.6				40.0	38.3	93.6	
I5	187.2	192.6	103.5	147.0	162.3	85.7							
J1		182.0			174.0								
J2	186.0	172.2	102.8	159.0	159.2	92.7				43.5	42.8	101.8	
K1	168.0	167.8	92.9	155.5	153.6	90.6							
L3	172.5	175.9	95.4	173.9	179.2	101.3							
CKPG	180.1	180.9	99.6	174.5	171.6	101.7				43.8	42.7	102.5	

Note B is given in the appendix.

Table XVIII

Averages of Mill Quality Data for MAY-JUN, 1992										90 LB Kraft Linerboard			
Code	Moisture Content Percent			Adj. Basis Wt. *A Lb/M Sq. Ft.						Caliper Mils			
	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Cur. Av.	Ind. *B
A3	7.0	7.2	103.9	90.8	90.0	101.4				20.8	21.1	85.3	
C1	6.5	6.4	96.5	89.4	88.8	99.8				23.2	23.5	95.2	
C4	5.9	6.1	87.6	91.9	89.9	102.6				24.9	24.5	102.2	
F2	6.8	6.7	100.9	90.8	89.5	101.4				25.5	25.3	104.6	
F3		6.4			88.6						24.5		
G2		6.2			90.0						23.3		
H4	7.6	7.2	112.8	91.0	90.0	101.6				25.4	25.4	104.2	
H5	7.8	7.6	115.8	90.0	90.4	100.5				24.9	25.1	102.2	
I1	6.5	6.6	96.5	91.7	89.4	102.4				23.0	24.3	94.4	
I5	8.0	8.1	118.7	86.1	88.8	96.2				24.3	25.7	99.7	
J2	6.8	6.9	100.9	89.9	89.3	100.4				24.1	24.7	98.9	
K1	6.1	6.0	90.5	89.9	88.9	100.4				25.0	25.1	102.6	
L3	6.2	6.2	92.0	91.4	90.5	102.1				23.1		94.8	
CKPG	6.8	6.7	101.5	90.3	89.5	100.8				24.0	24.4	98.5	

Notes A and B are given in the appendix.

Table XVIII (Cont)

Averages of Mill Quality Data for MAY-JUN, 1992										90 LB Kraft Linerboard			
Code	Burst PSIG			CD Ring Crush Lb.			CD STFI Lb./ln.						
	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B	Cur. Av.	Cum. Av.	Ind. *B				
A3	192.0	189.0	106.0							42.4	43.4	98.3	
C1	176.6	191.8	97.5	181.8	184.3	106.4							
C4	184.4	186.0	101.8	203.2	217.3	118.9				43.6	47.7	101.1	
F2	162.0	170.1	89.4		170.0								
F3		194.7			148.7						41.0		
G2		181.6								41.4			
H4	178.5	187.6	98.5	167.5	169.2	98.0				49.5	46.8	114.8	
H5	185.0	184.3	102.1	168.0	169.5	98.3				45.0	38.8	104.3	
I1	164.2	163.1	90.6	192.6	174.9	112.7							
I5	196.1	189.4	108.2	164.0	157.3	95.9							
J2	195.5	175.6	107.9	168.0	157.9	98.3				45.5	42.8	105.5	
K1	165.0	168.4	91.1	168.5	154.6	98.6							
L3	173.4	174.2	95.7	159.9	176.6	93.5							
CKPG	179.3	181.2	99.0	174.8	170.9	102.3				45.2	43.1	104.8	

Note B is given in the appendix.

Data submitted by the participating mills relative to conditioning and testing environments are summarized in Table XIX. The procedures used in calculating adjusted basis weight, cumulative machine averages, machine indexes, and C.K.P.G. indexes are described in the Appendix.

It should be explained that the number of machines for which data are compiled in each table for a specified period varies for these reasons: a machine must have (a) produced at least 500 tons of the pertinent grade weight during the specified period, or (b) produced 500 tons of pertinent grade weight during ANY ONE OR MORE of the 12 months prior to the specified period (so that a cumulative average is available), to be included in a given table.

Data on Conditioning and Testing Environments

JAN-FEB, MAR-APR, MAY-JUN, 1992

Code	Conditioned Before Testing?	Testing Environment		
		Temp. C°	RH. %	Time, min
A1	NO	-	-	-
A2	NO	-	-	-
A3	NO	-	-	-
A4	NO	-	-	-
A5	NO	-	-	-
B1	NO	-	-	-
B2	YES	22.8	50	0
B3	YES	22.8	50	0
B4	YES	22.8	50	0
B5	YES	22.8	50	0
C1	YES	22.8	50	0
C2	YES	22.8	50	0
C3	YES	22.8	50	0
C4	YES	21.1	50	60
C5	YES	22.8	50	10
D1	YES	21.0	50	0
D2	YES	21.0	50	0
D3	YES	21.0	50	0
D4	NO	-	-	-
D5	YES	22.2	50	7
E1	YES	21.1	50	0
E2	YES	21.1	50	0
E3	YES	21.1	50	0
E4	YES	24.0	50	0
E5	NO	-	-	-
F1	NO	-	-	-
F2	YES	23.0	50	0
F3	YES	23.0	50	0
F4	NO	-	-	-
F5	NO	-	-	-
G1	NO	-	-	-
G2	NO	-	-	-
G3	NO	-	-	-
G4	NO	-	-	-
G5	NO	-	-	-
H1	NO	-	-	-
H2	YES	22.8	50	60
H3	YES	22.8	50	60
H4	YES	22.8	50	60
H5	YES	22.8	50	60
I1	NO	-	-	-
I2	NO	-	-	-
I3	NO	-	-	-
I4	NO	-	-	-
I5	YES	23.0	50	0
J1	YES	22.2	50	0
J2	YES	23.0	50	0
J3	YES	23.0	50	0
J4	YES	23.0	50	0
J5	YES	22.2	50	0
K1	YES	22.0	50	10
K2	YES	22.0	50	10
K3	YES	22.2	50	10
K4	YES	22.5	50	0
K5	YES	22.8	50	0
L1	NO	-	-	-
L2	NO	-	-	15
L3	YES	23.0	50	10

APPENDIX

NOTES A AND B USED IN TABULATIONS OF MILL DATA

Notes A and B used in the tables of mill data are given below; these notes define the procedure used in calculating adjusted basis weight, machine index, and C.K.P.G. index. It should be stressed that each formula is applicable only to a specific physical property of a specific grade weight of linerboard.

NOTE A: Adjusted basis weight (ABW) = reported weight (RBW) adjusted to moisture content 7.8%:

$$ABW = RBW [(100 - \text{reported moisture content, \%}) / (100 - 7.8)]$$

NOTE B: Machine index (%) =

$$[(\text{current machine average} / \text{cumulative C.K.P.G. average}) * 100]$$

Where Cumulative C.K.P.G. average =

$$[\text{Average CCKPG for previous six periods, excluding current CCKPG}]$$

C.K.P.G. index (%) =

$$[(\text{current C.K.P.G. average} / \text{cumulative C.K.P.G. average}) * 100]$$

Where Current C.K.P.G. average =

$$[\text{CMA's for current period for all machines} / \text{number of machines}]$$

Cumulative Machine average =

$$[\text{Average CMA for previous six periods, excluding current CMA}]$$

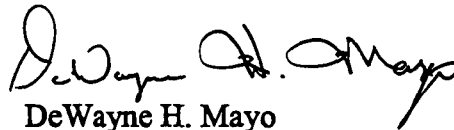
CMA = current machine average for a specific physical property of a specific linerboard grade weight obtained during a given period on a specific machine.

CCKPG = current C.K.P.G. average for a specific physical property of a specific linerboard grade weight obtained during a given period.

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