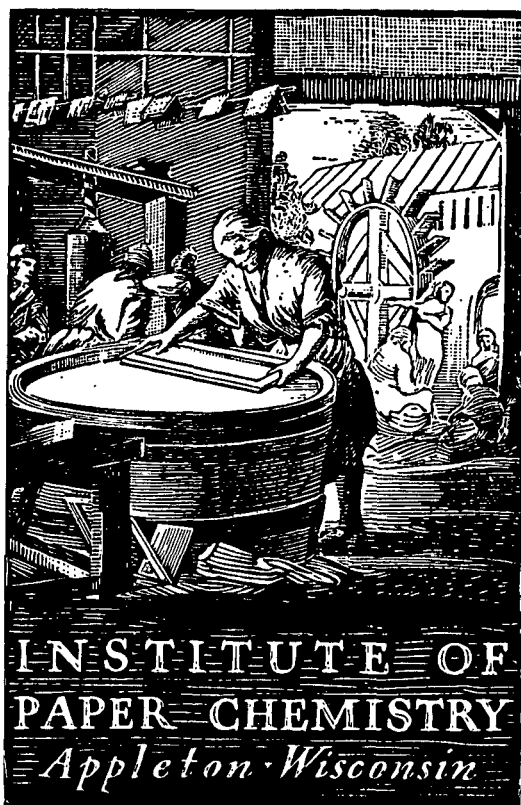


BASE-LINE
1st Half, 1987



**CONTINUOUS BASE-LINE STUDY (MODIFIED)
(MILL LINERBOARD DATA FOR
JAN-FEB, MAR-APR, MAY-JUN, 1987)**

Project 2694-1

**Report One-Hundred One
A Progress Report
to**

**FOURDRINIER KRAFT BOARD GROUP
OF THE
AMERICAN PAPER INSTITUTE**

September 1, 1987

MAC MILLAN BLOEDEL
Your machine is identified
in this report by the
following code.

Pine Hill Machine #1 G3

BASE-LINE
1st HALF, 1987

THE INSTITUTE OF PAPER CHEMISTRY

Appleton, Wisconsin

CONTINUOUS BASE-LINE STUDY (MODIFIED)
(MILL LINERBOARD DATA FOR JAN-FEB, MAR-APR, MAY-JUN, 1987)

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September 1, 1987

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THE INSTITUTE OF PAPER CHEMISTRY

Appleton, Wisconsin

CONTINUOUS BASE-LINE STUDY (MODIFIED)
 (MILL LINERBOARD DATA FOR JAN-FEB, MAR-APR, MAY-JUN, 1987)

SUMMARY

PART I: SUMMARY OF MOISTURE CONTENT DATA
 (JAN-JUN, 1987)

Linerboard Grade Wt.	Moisture Content		
	JAN-FEB	MAR-APR	MAY-JUN
26 Lb	Max.	7.0	6.9
	Min.	3.5	3.6
	Ave.	5.5(15)	5.4(17)
33 Lb	Max.	7.0	7.1
	Min.	4.2	4.1
	Ave.	5.6(26)	5.5(24)
38 Lb	Max.	6.6	6.4
	Min.	5.2	5.3
	Ave.	5.9(19)	5.9(20)
42 Lb	Max.	6.7	6.6
	Min.	5.0	5.2
	Ave.	5.9(39)	5.9(39)
69 Lb	Max.	7.0	7.2
	Min.	5.4	5.5
	Ave.	6.3(28)	6.4(28)
90 Lb	Max.	8.9	8.0
	Min.	5.5	5.7
	Ave.	6.7(11)	6.6(11)

 Max. and Min. values are current machine averages.

Ave. value is current F.K.B.G. average, number of machines is indicated in parentheses.

**PART II: SUMMARY OF ADJUSTED BASIS WEIGHT DATA
(JAN-JUN, 1987)**

Linerboard Grade Wt.	Adjusted Basis Weight, lb/M sq ft			
	JAN-FEB	MAR-APR	MAY-JUN	
26 Lb	Max.	27.4	26.9	27.8
	Min.	25.8	25.7	25.7
	Ave.	26.3(15)	26.3(17)	26.4(16)
33 Lb	Max.	33.9	34.1	34.3
	Min.	32.5	32.5	32.6
	Ave.	33.2(26)	33.2(24)	33.3(28)
38 Lb	Max.	40.8	42.0	41.6
	Min.	37.7	38.0	37.8
	Ave.	38.4(19)	38.6(20)	38.6(18)
42 Lb	Max.	42.8	43.0	42.9
	Min.	41.6	41.6	41.6
	Ave.	42.2(39)	42.2(39)	42.2(42)
69 Lb	Max.	70.2	70.2	70.5
	Min.	67.7	68.2	67.9
	Ave.	69.3(28)	69.4(28)	69.4(28)
90 Lb	Max.	91.8	91.0	91.4
	Min.	89.8	89.8	89.8
	Ave.	90.5(11)	90.4(13)	90.3(11)

Max. and Min. values are current machine averages.

Ave. value is current F.K.B.G. average, number of machines is indicated in parentheses.

**PART III: SUMMARY OF CALIPER DATA
(JAN-JUN, 1987)**

Linerboard Grade Wt.	Caliper, pt.		
	JAN-FEB	MAR-APR	MAY-JUN
26 Lb	Max.	8.3	9.1
	Min.	7.4	6.8
	Ave.	7.9(15)	7.7(16)
33 Lb	Max.	10.8	10.5
	Min.	8.5	8.8
	Ave.	9.7(25)	9.6(27)
38 Lb	Max.	11.6	11.6
	Min.	9.8	9.2
	Ave.	10.7(18)	10.7(17)
42 Lb	Max.	13.1	13.0
	Min.	10.7	10.4
	Ave.	11.8(38)	11.7(41)
69 Lb	Max.	20.8	20.6
	Min.	17.7	17.4
	Ave.	19.3(26)	19.2(27)
90 Lb	Max.	27.5	26.6
	Min.	23.5	23.6
	Ave.	25.2(11)	24.6(11)

 Max. and Min. values are current machine averages.
 Ave. value is current F.K.B.G. average, number of machines is indicated in parentheses.

**PART IV: SUMMARY OF BURSTING STRENGTH DATA
(JAN-JUN, 1987)**

Linerboard Grade Wt.	Bursting Strength, psig		
	JAN-FEB	MAR-APR	MAY-JUN
26 Lb	Max.	84	81
	Min.	65	63
	Ave.	72(15)	71(16)
33 Lb	Max.	108	100
	Min.	79	76
	Ave.	87(26)	87(28)
38 Lb	Max.	116	110
	Min.	92	90
	Ave.	99(18)	101(18)
42 Lb	Max.	122	122
	Min.	97	97
	Ave.	106(39)	108(42)
69 Lb	Max.	178	167
	Min.	136	134
	Ave.	144(28)	144(28)
90 Lb	Max.	189	191
	Min.	158	154
	Ave.	172(11)	173(11)

Max. and Min. values are current machine averages.

Ave. value is current F.K.B.G. average, number of machines is indicated in parentheses.

**PART V: SUMMARY OF CD RING CRUSH DATA
(JAN-JUN, 1987)**

Linerboard Grade Wt.	CD Ring Crush, lb		
	JAN-FEB	MAR-APR	MAY-JUN
26 lb	Max.	50.6	53.1
	Min.	32.0	33.0
	Ave.	39.8(10)	40.2(10)
33 lb	Max.	68.4	70.5
	Min.	46.0	42.0
	Ave.	57.3(16)	57.2(15)
38 lb	Max.	85.0	79.4
	Min.	57.6	58.4
	Ave.	70.5(13)	69.6(16)
42 lb	Max.	99.0	94.6
	Min.	66.0	61.0
	Ave.	77.5(27)	77.4(28)
69 lb	Max.	139.1	142.2
	Min.	109.0	104.0
	Ave.	122.2(18)	122.1(18)
90 lb	Max.	178.3	184.7
	Min.	144.0	154.0
	Ave.	157.8(7)	160.4(8)

Max. and Min. values are current machine averages.

Ave. value is current F.K.S.G. average, number of machines is indicated in parentheses.

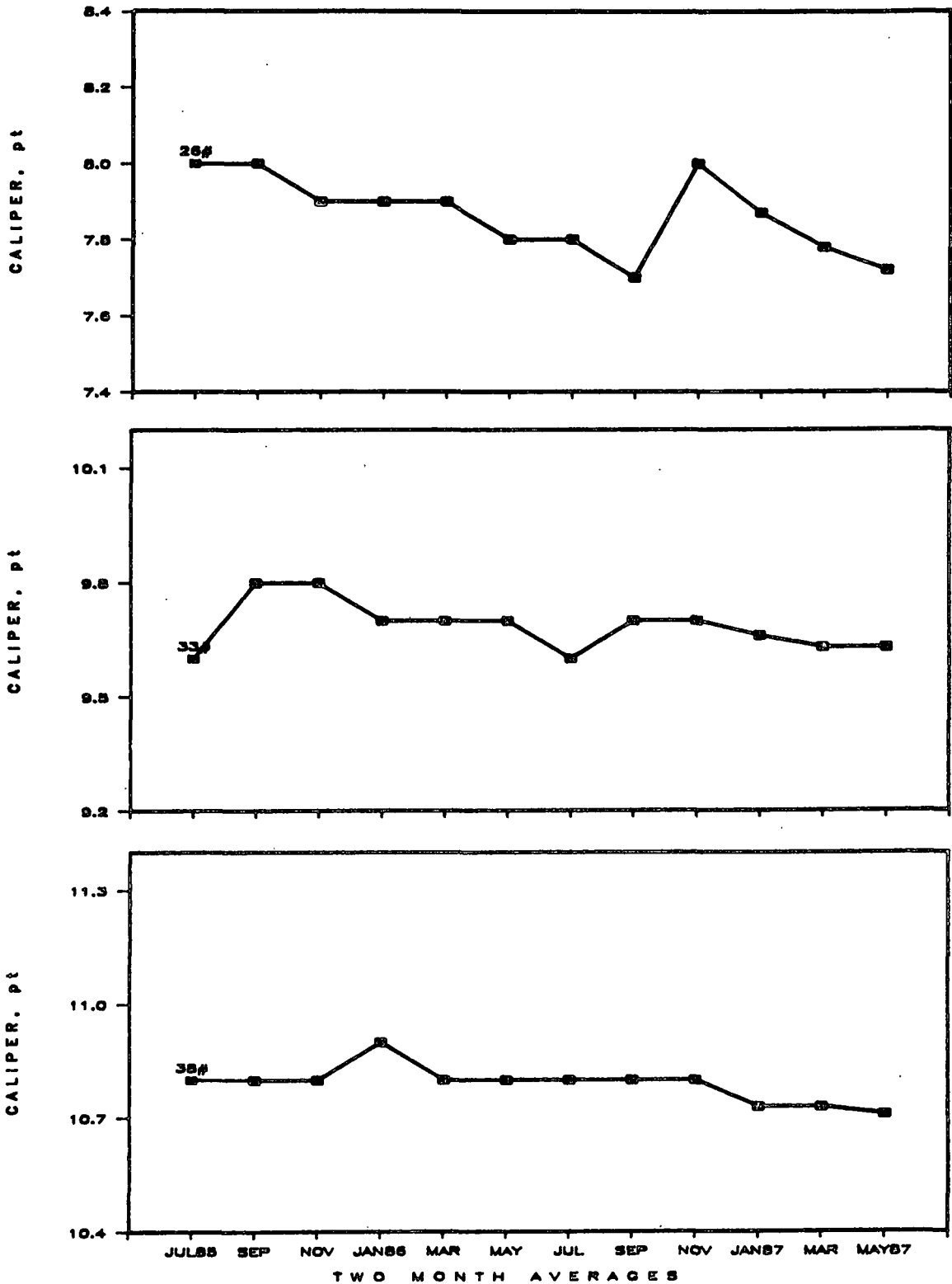
**PART VI: SUMMARY OF STFI DATA
(JAN-JUN, 1987)**

Linerboard Grade Mt.	STFI, lb/in			
	JAN-FEB	MAR-APR	MAY-JUN	
26 lb	Max.	16.2	18.2	17.8
	Min.	11.3	10.7	11.8
	Ave.	13.7(6)	13.6(8)	13.7(8)
33 lb	Max.	19.9	21.4	21.8
	Min.	13.3	13.3	13.4
	Ave.	16.3(12)	16.3(10)	16.2(12)
38 lb	Max.	22.5	22.2	22.6
	Min.	16.1	15.8	17.4
	Ave.	19.3(10)	19.0(8)	20.5(6)
42 lb	Max.	24.0	24.9	27.1
	Min.	16.7	15.9	16.3
	Ave.	20.1(22)	20.4(21)	20.4(23)
69 lb	Max.	37.4	33.6	35.2
	Min.	25.4	24.1	25.5
	Ave.	31.1(14)	30.5(13)	30.9(14)
90 lb	Max.	45.0	45.6	46.5
	Min.	38.4	37.0	40.2
	Ave.	42.6(8)	41.1(9)	42.7(8)

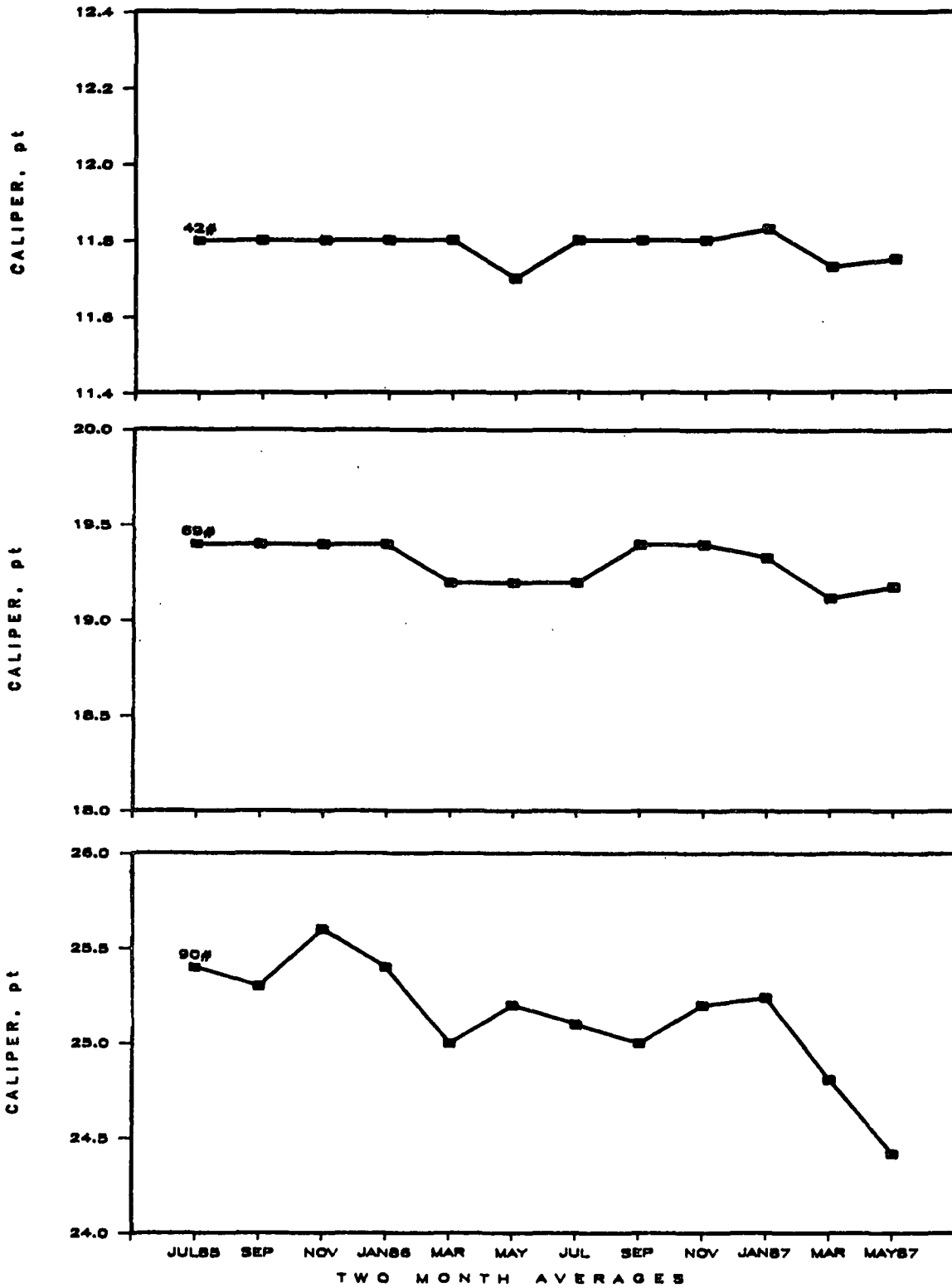
Max. and Min. values are current machine averages.

Ave. value is current F.K.B.G. average, number of machines is indicated in parentheses.

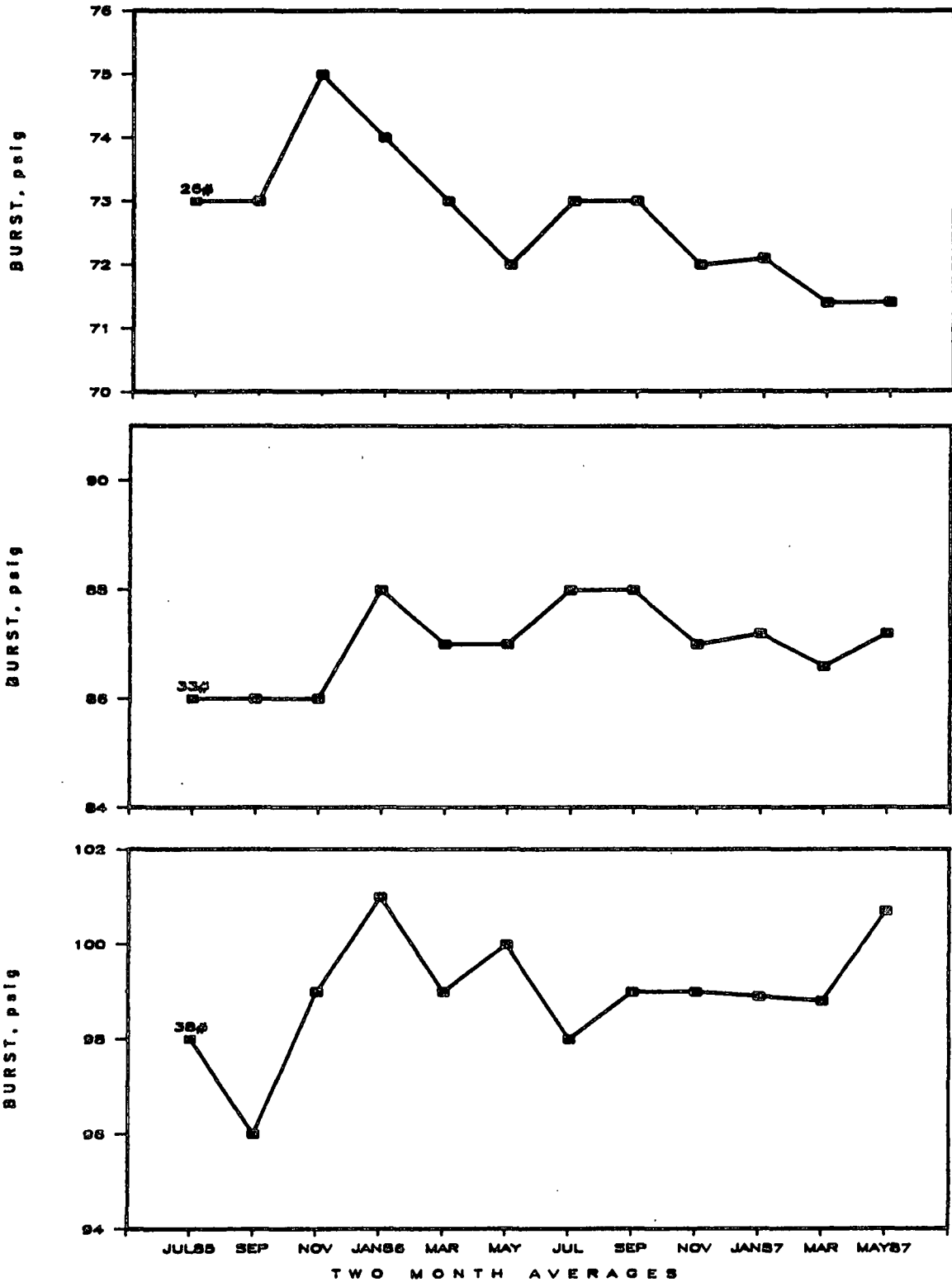
TWO YEAR TREND PLOT FOR CALIPER



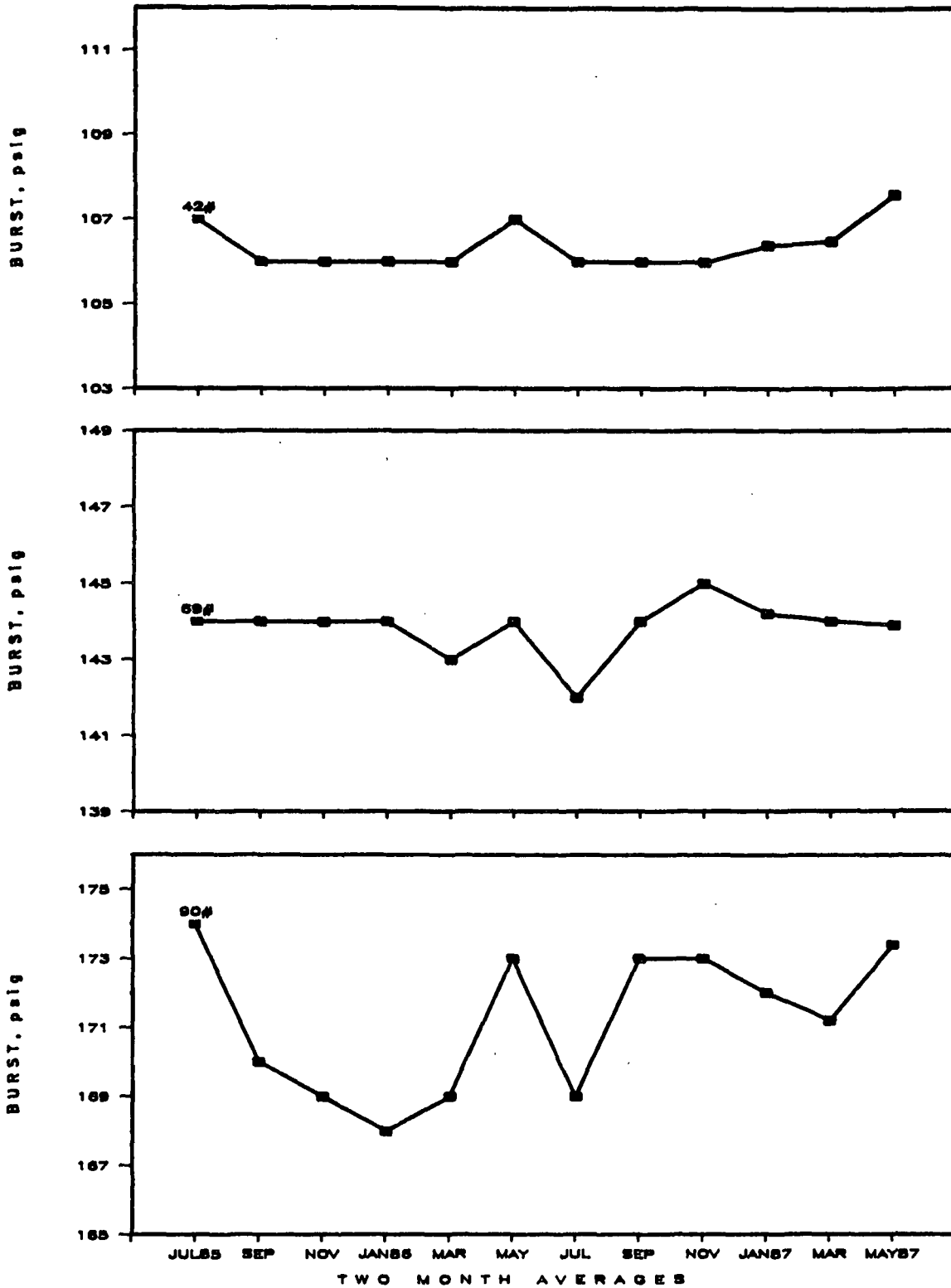
TWO YEAR TREND PLOT FOR CALIPER



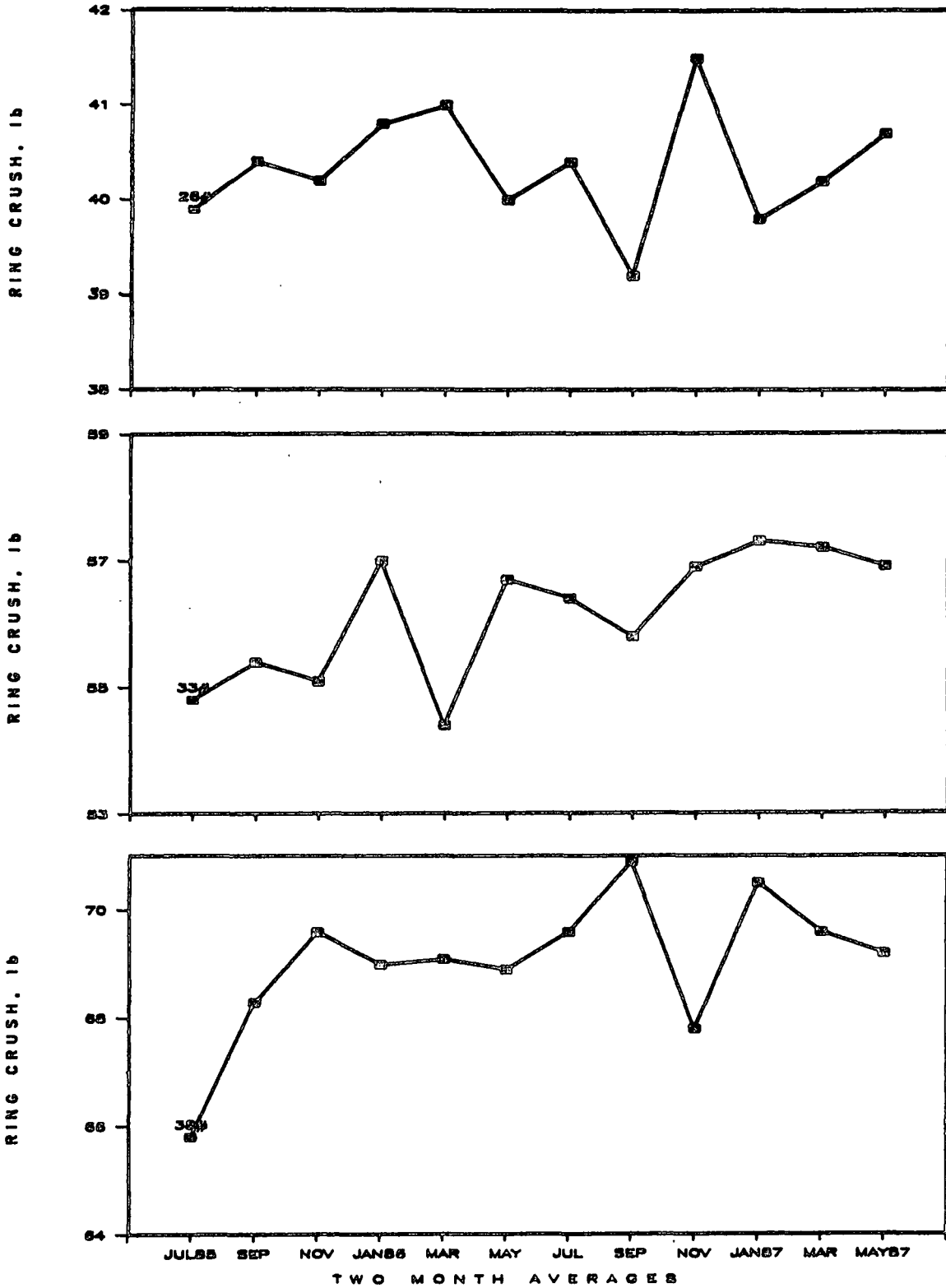
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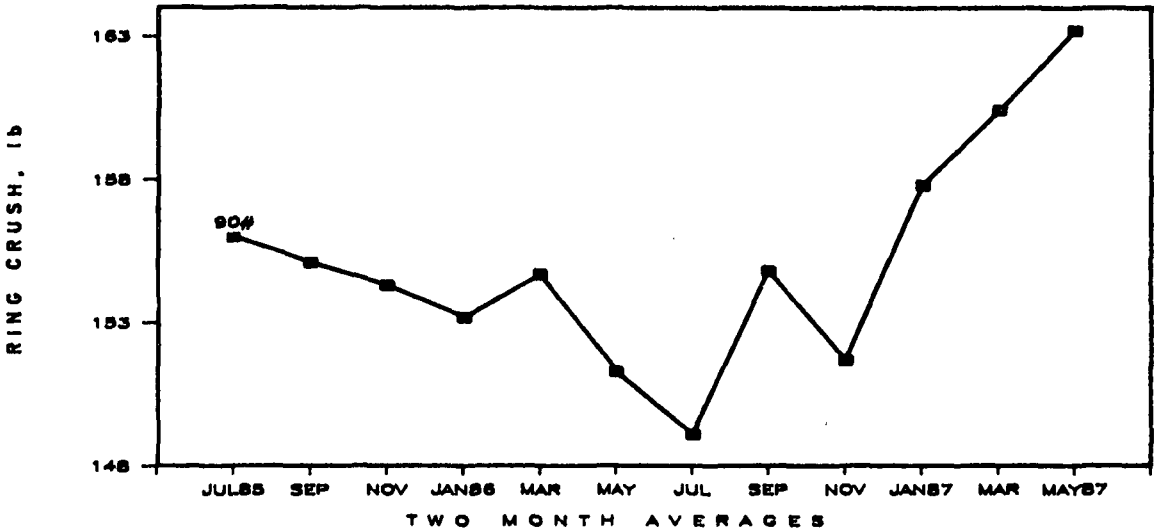
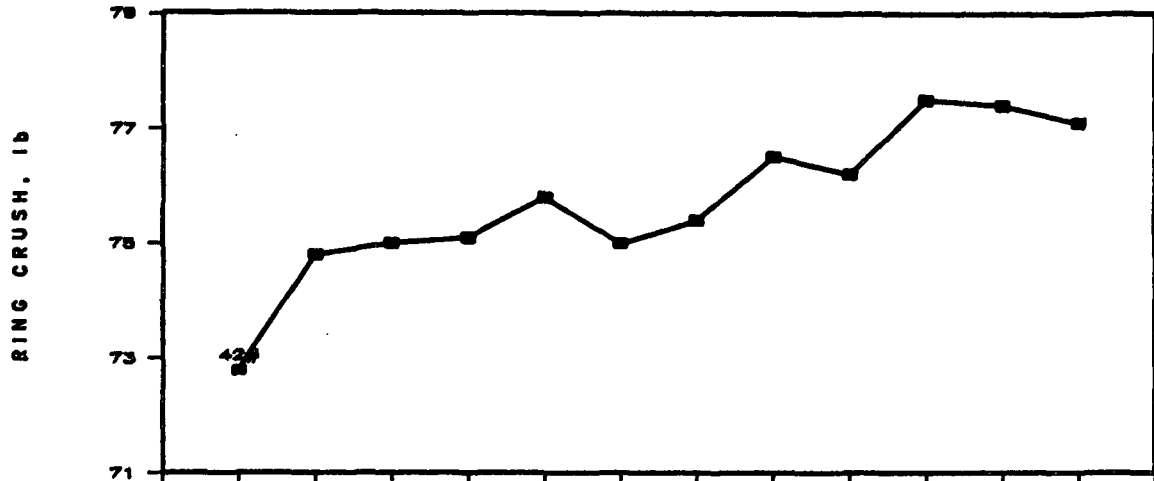
TWO YEAR TREND PLOT FOR BURST



TWO YEAR TREND PLOT FOR CD RING CRUSH



TWO YEAR TREND PLOT FOR CD RING CRUSH



JUL 55 SEP NOV JAN 56 MAR MAY JUL SEP NOV JAN 57 MAR MAY 57
TWO MONTH 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 F.K.B.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, 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.

Table Number	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

TABLE I

AVERAGES OF MILL QUALITY DATA FOR JAN-FEB, 1987 - 26 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		5.4			27.4			7.8	
K1		3.4			26.6			8.4	
M1	4.1	3.9	77.4	27.4	27.1	103.8	7.6	7.4	97.4
O1	5.4	5.5	101.9	26.0	26.0	98.5	8.3	8.3	106.4
P1	5.0	5.0	94.3	26.1	26.1	98.9	7.9	7.9	101.3
S1	4.9	4.9	92.4	26.6	26.2	100.8	8.2	7.9	105.1
D2		4.5			26.0			8.2	
U2	5.9	5.9	111.3	26.0	26.1	98.5	7.8	7.8	100.0
W2	6.2	5.8	117.0	26.6	26.8	100.8	7.9	7.8	101.3
K3		4.9			26.0			7.8	
P3		6.2			26.0			7.0	
Q3	5.9	5.5	111.3	25.8	25.8	97.7	7.6	7.8	97.4
U3	4.4	5.0	83.0	26.3	26.2	99.6	7.4	7.4	94.9
W3	6.0	5.7	113.2	26.3	26.4	99.6	7.7	7.0	98.7
X3	6.1	5.8	115.1	26.3	26.4	99.6	7.9	8.1	101.3
Y3	7.0	6.7	132.1	25.9	25.9	98.1	7.9	7.7	101.3
D4	6.2	6.1	117.0	26.4	26.4	100.0	7.9	8.0	101.3
L4		4.6			26.8			7.9	
O4		5.7			26.6			7.9	
Q4	6.3	6.4	118.9	26.0	26.1	98.5	7.8	8.0	100.0
R4	5.4	5.2	101.9	26.6	26.8	100.8	8.1	8.2	103.8
T4	3.5	3.7	66.0	26.4	26.3	100.0	8.0	8.1	102.6
FKBG	5.5	5.3	103.8	26.3	26.4	99.6	7.9	7.8	101.3

NOTES A AND B ARE GIVEN IN APPENDIX.

TABLE I (CONT)

AVERAGES OF MILL QUALITY DATA FOR JAN-FEB, 1987 - 26 LB KRAET LINERBOARD

CODE	BURST PSIG			RING LB			STFI LB/IN		
	CUR. AV.	CUM. AV.	IND. *B	CUR. AV.	CUM. AV.	IND. *B	CUR. AV.	CUM. AV.	IND. *B
A1		68							
K1		72			37.8				
M1	79	76	108.2	50.6	51.1	124.9	16.2		
O1	67	69	91.8	38.0	35.5	93.8			
P1	68	71	93.2	32.0	33.0	79.0	13.0		
S1	68	70	93.2						
D2		81			51.0				
U2	84	81	115.1	45.0	43.3	111.1			
W2	69	73	94.5	36.0	39.5	88.9			
K3		71			34.5				
P3		66							
O3	78	78	106.8						
U3	73	70	100.0	42.4	38.9	104.7	15.2		
W3	71	72	97.3						
X3	67	72	91.8	43.3	43.1	106.9			
Y3	65	66	89.0				11.3		
D4	79	76	108.2	38.0	39.2	93.8	14.5		
L4		70			46.2				
O4		73							
Q4	70	70	95.9	36.0	37.4	88.9			
R4	77	83	105.5						
T4	67	70	91.8	37.0	37.3	91.4	11.8		
FKBG	72	73	98.6	39.8	40.5	98.3	13.7		

NOTE B IS GIVEN IN APPENDIX.

TABLE II

AVERAGES OF MILL QUALITY DATA FOR MAR-APR, 1987 - 26 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	5.1	5.4	94.4	26.8	27.3	101.5	7.7	7.8	98.7
K1		3.3			26.6			8.3	
M1	4.2	4.0	77.8	26.9	27.1	101.9	7.6	7.4	97.4
O1	5.8	5.5	107.4	26.0	26.0	98.5	8.3	8.3	106.4
P1	5.0	5.0	92.6	26.1	26.1	98.9	8.0	7.9	102.6
S1	5.0	5.0	92.6	26.4	26.3	100.0	8.1	8.0	103.8
D2		4.4			26.1			8.3	
U2	5.8	5.9	107.4	26.0	26.0	98.5	7.8	7.8	100.0
W2	6.0	5.9	111.1	26.8	26.8	101.5	7.9	7.8	101.3
K3	4.9	4.9	90.7	26.0	26.0	98.5	8.2	7.8	105.1
P3	6.0	6.2	111.1	26.1	26.0	98.9	7.1	7.0	91.0
Q3	5.7	5.6	105.6	25.7	25.8	97.3	7.7	7.7	98.7
U3	4.9	4.8	90.7	26.2	26.2	99.2	7.2	7.4	92.3
W3		5.7			26.4			7.2	
X3	6.0	5.9	111.1	26.1	26.4	98.9	7.7	8.2	98.7
Y3	7.0	6.7	129.6	26.1	25.9	98.9	7.7	7.7	98.7
D4	6.2	6.1	114.8	26.4	26.4	100.0	7.6	8.0	97.4
L4		4.5			26.7			7.9	
O4		5.7			26.6			7.9	
Q4	6.2	6.4	114.8	26.1	26.1	98.9	8.2	7.9	105.1
R4	5.0	5.2	92.6	26.8	26.7	101.5	7.6	8.2	97.4
T4	3.6	3.6	66.7	26.6	26.4	100.8	7.8	8.1	100.0
FK8G	5.4	5.4	100.0	26.3	26.4	99.6	7.8	7.8	100.0

NOTES A AND B ARE GIVEN IN APPENDIX.

TABLE II (CONT)

AVERAGES OF MILL QUALITY DATA FOR MAR-APR, 1987 - 26 LB KRAET LINERBOARD

CODE	BURST PSIG			RING LB			STFI LB/IN		
	CUR. AV.	CUM. AV.	IND. *B	CUR. AV.	CUM. AV.	IND. *B	CUR. AV.	CUM. AV.	IND. *B
A1	64	68	88.9						
K1		71			37.3				
M1	79	77	109.7	50.6	50.9	125.6	18.2	16.2	132.8
O1	67	68	93.0	37.0	36.0	91.8			
P1	68	70	94.4	33.0	32.8	81.9	12.6	13.0	92.0
S1	68	69	94.4						
D2		80			54.0				
U2	87	82	120.8	44.0	43.7	109.2			
W2	74	73	102.8	38.0	38.8	94.3			
K3	66	71	91.7	35.0	34.5	86.8	12.4		90.5
P3	68	66	94.4				10.7		78.1
Q3	72	78	100.0						
U3	75	71	104.2	43.9	40.8	108.9	15.8	15.2	115.3
W3		72							
X3	65	71	90.3	45.0	43.3	111.7			
Y3	63	66	87.5				12.7	11.3	92.7
O4	79	76	109.7	38.0	38.3	94.3	14.7	14.5	107.3
L4		68			45.8				
O4		73							
Q4	70	70	97.2	37.0	36.8	91.8			
R4	82	81	113.9						
T4	67	69	93.0		37.2		11.5	11.8	83.9
FKBG	71	72	98.6	40.2	40.3	99.8	13.6	13.7	99.3

NOTE B IS GIVEN IN APPENDIX.

TABLE III

AVERAGES OF MILL QUALITY DATA FOR MAY-JUN, 1987 - 26 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		5.3			27.1			7.8	
K1		3.4			26.6			8.2	
M1	4.3	4.0	79.6	27.8	27.1	105.7	7.2	7.4	92.3
O1	5.7	5.5	105.6	25.9	26.0	98.5	8.0	8.3	102.6
P1		5.0			26.1			8.0	
S1	5.1	5.0	94.4	26.4	26.3	100.4	8.0	8.0	102.6
D2		4.4			26.1			8.2	
K2	4.4		81.5	26.3		100.0	8.3		106.4
U2	5.7	5.9	105.6	26.1	26.0	99.2	7.9	7.8	101.3
W2	5.7	5.9	105.6	26.8	26.8	101.9	8.1	7.8	103.8
K3	5.0	4.9	92.6	26.1	26.0	99.2	7.8	7.9	100.0
P3	6.1	6.1	113.0	26.2	26.0	99.6	6.8	7.0	87.2
Q3	6.0	5.6	111.1	25.7	25.7	97.7	7.6	7.7	97.4
U3	4.7	4.8	87.0	26.2	26.2	99.6	7.4	7.4	94.9
W3		5.9			26.4			7.3	
X3	5.5	5.9	101.8	26.2	26.4	99.6	7.6	8.1	97.4
Y3	6.9	6.8	127.8	26.0	26.0	98.8	7.6	7.7	97.4
D4	6.1	6.1	113.0	26.4	26.4	100.4	7.8	7.9	100.0
L4		4.6			26.7			7.9	
O4		5.7			26.5			7.8	
Q4		6.4			26.1			8.0	
R4	5.5	5.2	101.8	26.6	26.8	101.1	7.2	8.2	92.3
T4	3.6	3.6	66.7	26.9	26.4	102.3	9.1	8.0	116.7
V4	5.9		109.2	26.6		101.1	7.2		92.3
FKBG	5.4	5.4	100.0	26.4	26.3	100.4	7.7	7.8	98.7

NOTES A AND B ARE GIVEN IN APPENDIX.

TABLE III (CONT)

AVERAGES OF MILL QUALITY DATA FOR MAY-JUN, 1987 - 26 LB KRAFT LINERBOARD

CODE	BURST PSIG			RING LB			STFI LB/IN		
	CUR. AV.	CUM. AV.	IND. *B	CUR. AV.	CUM. AV.	IND. *B	CUR. AV.	CUM. AV.	IND. *B
A1		66							
K1		70			36.5				
M1	75	77	104.2	53.1	51.0	132.1	17.8	17.2	130.9
O1	69	68	95.8	36.0	36.7	89.6			
P1		70			32.8			12.8	
S1	70	69	97.2						
D2		81			55.0				
K2	72		100.0				13.3		97.8
U2	81	83	112.5	42.0	43.7	104.5			
W2	68	74	94.4	40.0	38.8	99.5			
K3	70	70	97.2	33.0	34.6	82.1	12.0	12.4	88.2
P3	68	67	94.4				12.0	10.7	88.2
Q3	77	76	106.9						
U3	72	71	100.0	41.9	41.8	104.2	15.2	15.5	111.8
W3		72							
X3	68	70	94.4		43.6				
Y3	63	65	87.5				12.4	12.0	91.2
O4	77	77	106.9	39.0	38.0	97.0	15.0	14.6	110.3
L4		69			46.7				
O4		73							
Q4		70			36.5				
R4	75	80	104.2						
T4	68	69	94.4		37.2		11.8	11.6	86.8
V4	69		95.8						
FRBG	71	72	98.6	40.7	40.2	101.2	13.7	13.6	100.7

NOTE B IS GIVEN IN APPENDIX.

TABLE IV

AVERAGES OF MILL QUALITY DATA FOR JAN-FEB, 1987 - 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	5.8	5.6	105.4	33.7	33.6	101.2	8.9	9.3	91.8
D1		5.6			34.0			10.2	
H1	6.5	6.2	118.2	33.3	33.1	100.0			
K1	4.2	4.0	76.4	33.0	33.6	99.1	10.3	10.2	106.2
M1	4.7	4.7	85.4	33.5	33.5	100.6	9.4	9.2	96.9
Q1		5.3			33.0			10.3	
P1	5.0	5.0	90.9	33.1	33.1	99.4	10.0	10.2	103.1
Q1	4.9	5.4	89.1	33.3	33.2	100.0	10.8	9.8	111.3
S1	5.2	5.1	94.5	33.5	33.2	100.6	9.9	10.0	102.1
Z1		4.9			33.5			9.5	
D2	5.3	5.4	96.4	33.3	33.2	100.0	9.2	9.8	94.8
K2	5.5	5.2	100.0	33.2	33.4	99.7	10.1	9.9	104.1
S2	5.6	5.5	101.8	33.1	33.1	99.4	8.8	8.9	90.7
T2	6.0	5.4	109.1	33.3	33.2	100.0	9.3	9.3	95.9
U2	6.0	6.0	109.1	33.1	33.0	99.4	9.8	9.8	101.0
W2	6.4	6.1	116.4	33.1	33.4	99.4	9.7	9.6	100.0
X2		4.8			33.2			8.9	
K3		5.0			33.1			10.1	
Q3	5.0	4.9	90.9	32.5	32.7	97.6	9.7	9.8	100.0
P3	6.1	6.3	110.9	33.1	33.1	99.4	9.6	9.2	99.0
Q3	6.0	5.9	109.1	32.7	32.7	98.2	9.2	9.5	94.8
U3	5.0	5.3	90.9	33.2	33.2	99.7	9.2	9.3	94.8
W3	5.9	5.9	107.3	33.4	33.7	100.3	8.5	9.0	87.6
X3	6.3	6.2	114.5	33.4	33.3	100.3	10.2	9.8	105.2
Y3	7.0	6.7	127.3	33.1	33.0	99.4	9.9	10.0	102.1
C4	5.6	5.5	101.8	33.3	33.2	100.0	9.7	9.8	100.0
D4	6.4	6.3	116.4	33.4	33.4	100.3	10.1	10.0	104.1
L4	4.9	5.1	89.1	33.6	33.8	100.9	9.1	9.9	93.8
O4		5.5			33.7			9.7	
Q4	6.1	6.5	110.9	32.7	32.8	98.2	9.3	9.4	95.9
R4	5.4	5.1	98.2	33.9	33.9	101.8	10.6	10.3	109.3
T4	4.2	4.4	76.4	33.0	33.2	99.1	10.3	10.4	106.2
FKBG	5.6	5.5	101.8	33.2	33.3	99.7	9.7	9.7	100.0

NOTES A AND B ARE GIVEN IN APPENDIX.

TABLE IV (CONT)

AVERAGES OF MILL QUALITY DATA FOR JAN-FEB, 1987 - 33 LB KRAET LINERBOARD

CODE	BURST PSIG			RING LB			STFI LB/IN		
	CUR. AV.	CUM. AV.	IND. *B	CUR. AV.	CUM. AV.	IND. *B	CUR. AV.	CUM. AV.	IND. *B
A1	82	80	93.2		49.5				
D1		90							
H1	82	82	93.2	55.5	54.8	98.8			
K1	84	87	95.4		52.5		14.5		
M1	92	89	104.5	67.6	68.8	120.3	19.0		
O1		92			52.7				
P1	82	84	93.2	47.0	50.2	83.6	15.7		
Q1	98	99	111.4	63.0	60.4	112.1			
S1	84	84	95.4						
Z1		86							
O2	108	100	122.7		68.8		19.9		
K2	81	82	92.0				15.6		
S2	86	86	97.7				15.8		
T2	80	83	90.9	57.0	49.6	101.4			
U2	99	94	112.5	65.0	63.2	115.6			
M2	82	85	93.2	50.0	51.0	89.0			
X2		86							
K3		87			49.0				
O3	83	88	94.3	55.0	50.5	97.9			
P3	85	86	96.6				14.8		
Q3	88	94	100.0						
U3	91	88	103.4	61.4	58.7	109.2	18.3		
W3	91	88	103.4	66.0	67.0	117.4			
X3	79	84	89.8	68.4	58.8	121.7			
Y3	85	85	96.6				13.3		
C4	88	86	100.0	53.5	48.7	95.2			
D4	95	91	108.0	57.0	58.3	101.4	17.7		
L4	84	84	95.4	57.0	60.0	101.4	17.6		
O4		96							
Q4	80	80	90.9	44.0	45.2	78.3			
R4	94	95	106.8						
T4	83	86	94.3	49.0	51.4	87.2	13.9		
FKBG	87	88	98.9	57.3	56.2	102.0	16.3		

NOTE B IS GIVEN IN APPENDIX.

TABLE V

AVERAGES OF MILL QUALITY DATA FOR MAR-APR, 1987 - 33 LB KRAET 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	5.4	5.7	98.2	33.7	33.7	101.5	9.4	9.2	96.9
D1	5.9	5.5	107.3	33.9	33.9	102.1	9.9	10.2	102.1
H1	6.4	6.3	116.4	33.3	33.2	100.3			
K1		4.0			33.4			10.3	
M1	5.2	4.8	94.5	33.4	33.5	100.6	9.2	9.2	94.8
O1		5.4			32.9			10.4	
P1	5.0	5.0	90.9	33.1	33.1	99.7	9.7	10.2	100.0
Q1	5.2	5.3	94.5	33.2	33.2	100.0	10.5	10.0	108.2
S1	5.4	5.2	98.2	33.5	33.2	100.9	10.0	10.0	103.1
Z1		4.9			33.5			9.5	
D2		5.4			33.2			9.7	
K2	5.2	5.2	94.5	33.2	33.3	100.0	10.3	9.9	106.2
S2	5.7	5.5	103.6	33.1	33.1	99.7	8.6	8.9	88.6
T2	5.8	5.5	105.4	33.1	33.2	99.7	8.9	9.3	91.8
U2	6.0	6.0	109.1	33.1	33.0	99.7	10.2	9.8	105.2
W2	6.1	6.1	110.9	33.2	33.4	100.0	9.8	9.6	101.0
X2		4.6			33.3			8.9	
K3	5.0	5.0	90.9	33.1	33.1	99.7	10.2	10.1	105.2
O3	5.0	4.9	90.9	32.5	32.6	97.9	9.4	9.8	96.9
P3	6.1	6.3	110.9	33.1	33.1	99.7	9.0	9.2	92.8
Q3	5.9	5.9	107.3	32.7	32.7	98.5	9.3	9.4	95.9
U3	5.0	5.2	90.9	33.2	33.2	100.0	9.1	9.2	93.8
W3		5.9			33.6			9.0	
X3	6.3	6.3	114.5	33.2	33.3	100.0	10.0	10.0	103.1
Y3		6.7			33.0			9.9	
C4	5.7	5.5	103.6	33.2	33.2	100.0	9.6	9.7	99.0
D4	6.4	6.3	116.4	33.4	33.4	100.6	9.8	10.0	101.0
L4	4.9	5.0	89.1	33.5	33.7	100.9	9.7	9.8	100.0
O4		5.6			33.7			9.6	
Q4	6.0	6.4	109.1	32.8	32.8	98.8	9.6	9.4	99.0
R4	5.3	5.2	96.4	34.1	33.9	102.7	9.3	10.4	95.9
T4	4.2	4.4	76.4	33.2	33.1	100.0	10.1	10.4	104.1
FKBG	5.5	5.5	100.0	33.2	33.2	100.0	9.6	9.7	99.0

NOTES A AND B ARE GIVEN IN APPENDIX.

TABLE V (CONT)

AVERAGES OF MILL QUALITY DATA FOR MAR-APR, 1987 - 33 LB KRAET LINERBOARD

CODE	BURST PSIG			RING LB			STFI LB/IN		
	CUR. AV.	CUP. AV.	IND. #B	CUR. AV.	CUM. AV.	IND. #B	CUR. AV.	CUM. AV.	IND. #B
A1	78	81	89.6		49.5				
D1	88	90	101.1						
M1	82	82	94.2	52.5	54.6	93.4			
K1		86			52.5			14.5	
M1	89	89	102.3	69.0	69.0	122.8	21.4	19.0	131.3
O1		90			51.5				
P1	83	83	95.4	47.0	49.8	83.6	15.5	15.7	95.1
Q1	98	98	112.6	61.0	61.0	108.5			
S1	82	84	94.2						
Z1		86							
D2		102			69.2			19.9	
K2	81	82	93.1				15.0	15.6	92.0
S2	87	86	100.0				15.0	15.8	92.0
T2	91	82	104.6	54.0	51.1	96.1			
U2	100	96	114.9	71.0	63.2	126.3			
W2	82	84	94.2	51.0	50.8	90.7			
X2		86							
K3	83	87	95.4	45.0	49.0	80.1	15.1		92.6
Q3	84	88	96.6	51.0	51.5	90.7			
P3	86	86	98.8				13.3	14.8	81.6
Q3	88	92	101.1						
U3	93	88	106.9	68.4	60.6	121.7	19.4	18.3	119.0
W3		89			66.1				
X3	77	83	88.5	70.5	60.2	125.4			
Y3		85						13.3	
C4	86	86	98.8	57.0	49.2	101.4			
D4	91	92	104.6	57.0	57.0	101.4	17.4	17.7	106.7
L4	85	83	97.7	60.0	59.0	106.8	16.3	17.6	100.0
O4		96							
Q4	81	80	93.1	44.0	45.2	78.3			
R4	97	95	111.5						
T4	86	85	98.8		50.6		14.4	13.9	88.3
FK86	87	87	100.0	57.2	56.2	101.8	16.3	16.3	100.0

NOTE B IS GIVEN IN APPENDIX.

TABLE VI

AVERAGES OF MILL QUALITY DATA FOR MAY-JUN, 1987 - 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	5.0	5.6	90.9	33.4	33.7	100.6	9.8	9.3	101.0
D1	5.6	5.6	101.8	34.3	33.8	103.3	9.9	10.2	102.1
H1	6.4	6.4	116.4	33.6	33.2	101.2			
K1	4.1	4.0	74.5	33.2	33.4	100.0	10.1	10.3	104.1
M1	5.0	4.8	90.9	33.5	33.5	100.9	9.0	9.2	92.8
O1	5.6	5.5	101.8	32.8	32.9	98.8	10.1	10.5	104.1
P1	5.0	5.0	90.9	33.1	33.1	99.7	9.7	10.1	100.0
Q1	4.5	5.3	81.8	33.2	33.2	100.0	10.5	10.2	108.2
S1	4.8	5.2	87.3	33.6	33.3	101.2	9.8	10.0	101.0
Z1	5.4	4.9	98.2	33.8	33.5	101.8	10.2	9.5	105.2
D2		5.4			33.2			9.6	
K2	5.0	5.2	90.9	33.3	33.3	100.3	9.8	10.0	101.0
S2	5.9	5.6	107.3	33.1	33.1	99.7	9.0	8.9	92.8
T2	5.3	5.6	96.4	33.2	33.2	100.0	9.2	9.2	94.8
U2	5.9	6.0	107.3	33.1	33.0	99.7	9.9	9.9	102.1
M2	5.8	6.2	105.4	33.1	33.3	99.7	9.7	9.6	100.0
X2		4.6			33.3			8.9	
K3	5.0	5.0	90.9	33.1	33.1	99.7	9.9	10.2	102.1
O3		4.9			32.6			9.7	
P3	6.0	6.2	109.1	33.3	33.1	100.3	9.0	9.2	92.8
Q3	6.1	6.0	110.9	32.6	32.6	98.2	8.9	9.4	91.8
U3	5.4	5.1	98.2	33.0	33.2	99.4	9.3	9.2	95.9
W3		5.9			33.6			9.0	
X3	6.0	6.3	109.1	33.2	33.3	100.0	9.8	10.0	101.0
Y3	7.1	6.7	129.1	33.1	33.0	99.7	10.0	9.9	103.1
C4	5.5	5.5	100.0	33.3	33.2	100.3	9.2	9.7	94.8
D4	6.4	6.3	116.4	33.4	33.4	100.6	10.0	10.0	103.1
L4	4.9	5.0	89.1	33.5	33.7	100.9	9.9	9.8	102.1
O4		5.6			33.6			9.4	
Q4	6.2	6.3	112.7	32.7	32.8	98.5	9.3	9.4	95.9
R4	5.4	5.2	98.2	33.9	33.9	102.1	9.1	10.4	93.8
T4	4.2	4.4	76.4	33.1	33.1	99.7	10.1	10.3	104.1
V4	6.1		110.9	33.7		101.5	8.8		90.7
FKBG	5.5	5.5	100.0	33.3	33.2	100.3	9.6	9.7	99.0

NOTES A AND B ARE GIVEN IN APPENDIX.

TABLE VI (CONT)

AVERAGES OF MILL QUALITY DATA FOR MAY-JUN, 1987 - 33 LB KRAET LINERBOARD

CODE	BURST PSIG			RING LB			STFI LB/IN		
	CUR. AV.	CUM. AV.	IND. ±B	CUR. AV.	CUM. AV.	IND. ±B	CUR. AV.	CUM. AV.	IND. ±B
A1	76	80	87.4		49.0				
D1	99	90	113.8						
H1	83	82	95.4	53.0	54.2	93.5			
K1	85	86	97.7		52.5		14.4	14.5	88.3
M1	92	90	105.7	70.5	69.1	124.3	21.8	20.2	133.7
O1	88	94	101.1	55.0	54.0	97.0			
P1	87	83	100.0	47.0	49.3	82.9	15.7	15.6	96.3
Q1	100	97	114.9	64.0	61.0	112.9			
S1	86	84	98.8						
Z1	89	86	102.3						
D2		102			73.7			19.9	
K2	83	82	95.4				14.9	15.3	91.4
S2	89	86	102.3				15.5	15.4	95.1
T2	82	85	94.2	56.0	52.8	98.8			
U2	96	97	110.3	59.0	64.7	104.0			
W2	82	84	94.2	53.0	50.7	93.5			
X2		86							
K3	85	85	97.7	48.0	47.0	84.6	14.8	15.1	90.8
O3		86			51.8				
P3	85	86	97.7				14.6	14.0	89.6
Q3	92	90	105.7						
U3	90	89	103.4	63.9	62.2	112.7	18.9	18.8	116.0
W3		89			66.1				
X3	79	82	90.8	69.9	61.6	123.3			
Y3	84	85	96.6				13.4	13.3	82.2
C4	89	87	102.3	51.5	50.6	90.8			
D4	89	92	102.3	58.0	56.7	102.3	18.2	17.6	111.6
L4	89	83	102.3	58.0	59.8	102.3	17.6	17.0	108.0
O4		99							
Q4	82	80	94.2	42.0	44.8	74.1			
R4	90	95	103.4						
T4	88	85	101.1		50.1		14.4	14.2	88.3
V4	83		95.4	62.2		109.7			
FKBG	87	87	100.0	56.9	56.7	100.4	16.2	16.3	99.4

NOTE B IS GIVEN IN APPENDIX.

TABLE VII

AVERAGES OF MILL QUALITY DATA FOR JAN-FEB, 1987 - 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	5.5	5.7	94.8	40.8	41.1	106.0	10.8	11.4	100.0
C1	5.8	5.8	100.0	38.2	38.3	99.2	10.1	10.1	93.5
D1		5.7			38.9			11.4	
M1	6.5	6.1	112.1	38.5	38.4	100.0			
M1	5.6	5.7	96.6	38.5	38.5	100.0	9.8	9.4	90.7
P1	5.9	6.0	101.7	38.1	38.1	99.0	10.3	11.2	95.4
U1		5.4			38.1			10.8	
Z1	5.2	5.1	89.6	38.1	38.4	99.0	10.9	10.6	100.9
D2	6.1	5.9	105.2	37.7	38.2	97.9	10.1	10.6	93.5
K2	5.7	5.6	98.3	38.2	38.3	99.2	10.8	11.2	100.0
T2	6.5	5.7	112.1	38.2	38.2	99.2	10.5	10.8	97.2
U2	6.0	6.1	103.4	38.1	38.1	99.0	11.1	11.2	102.8
V2	6.1	5.6	105.2	38.7	39.1	100.5	10.8	10.9	100.0
B3	5.8	5.5	100.0	39.4	38.8	102.3	10.6	10.4	98.1
G3	5.8	5.6	100.0	38.4	38.3	99.7	11.3	11.0	104.6
I3	6.0	5.9	103.4	38.2	38.2	99.2	10.5	10.5	97.2
P3		6.4			38.5			10.4	
Q3		5.8			37.8			11.2	
T3	5.9	6.0	101.7	38.3	38.3	99.5	11.1	10.6	102.8
U3	5.6	5.6	96.6	38.1	38.3	99.0	10.5	10.7	97.2
X3	6.6	6.6	113.8	38.4	38.2	99.7	11.6	11.4	107.4
C4		6.3			38.2			10.2	
P4	5.7	5.9	98.3	38.3	38.6	99.5	11.5	11.6	106.5
U4	5.9	6.0	101.7	38.3	38.3	99.5	10.9	10.7	100.9
FKBG	5.9	5.8	101.7	38.4	38.5	99.7	10.7	10.8	99.1

NOTES A AND B ARE GIVEN IN APPENDIX.

TABLE VII
(CONT)

AVERAGES OF MILL QUALITY DATA FOR JAN-FEB, 1967 - 38 LB KRAFT LINERBOARD

CODE	CUM. AV.	PSIG	CUM. AV.	IND. *B	RING LB	CUM. AV.	IND. *B	CUM. LB/IN	AV.	STFI	IND. *B
A1	92	92	92.9	85.0	82.6	122.8	83.2	122.8	83.2		
C1	101	97	102.0	57.6	58.8						
D1	100										
H1	92	95	92.9	68.5	70.2	99.0		99.0			
M1	99	100	100.0	78.4	77.9	113.3		113.3			
N1	95	95	96.0	59.0	59.0	85.3		85.3			
P1	97	98	98.0	63.0	63.0						
Z1	105	105		78.0	78.0						
D2	95	98	96.0								
K2	101	100	102.0	68.0	66.2	98.3		98.3			
G3	93	97	93.9	61.0	61.4	88.2		88.2			
I3	102	104	103.0	72.8	71.2	105.2		105.2			
Q3	93	96	93.9	69.9	69.9	114.4		114.4			
P3	93	96	93.9	69.9	69.9	114.4		114.4			
U3	93	96	93.9	69.9	69.9	114.4		114.4			
T3	106	104	103.0	72.8	71.2	105.2		105.2			
Q3	93	96	93.9	69.9	69.9	114.4		114.4			
C4	94	94	93.9	69.9	69.9	114.4		114.4			
P4	106	108	107.1	67.0	70.8	96.8		96.8			
U4	98	98	99.0	65.6	65.6						
FMBG	99	99	100.0	70.5	69.2	101.9		101.9			

NOTE B IS GIVEN IN APPENDIX.

TABLE VIII

AVERAGES OF MILL QUALITY DATA FOR MAR-APR, 1987 - 38 LB KRAFT LINERBOARD

CODE	MOISTURE CONTENT PERCENT			ADJ. BASIS LB/M SQ		WT. *A FT	CALIPER MILS		
	CUR. AV.	CUM. AV.	IND. *B	CUR. AV.	CUM. AV.		CUR. AV.	CUM. AV.	IND. *B
A1	5.6	5.7	96.6	42.0	41.0	109.1	11.1	11.2	102.8
C1	5.7	5.8	98.3	38.6	38.3	100.2	10.2	10.1	94.4
D1	5.6	5.7	96.6	39.4	38.8	102.3	10.9	11.4	100.9
H1	6.4	6.2	110.3	38.5	38.4	100.0			
M1	6.0	5.7	103.4	38.5	38.5	100.0	9.5	9.5	88.0
P1	6.0	6.0	103.4	38.1	38.1	99.0	10.3	10.9	95.4
U1		5.4			38.1			10.8	
Z1	5.0	5.1	86.2	38.3	38.3	99.5	10.8	10.6	100.0
D2	6.1	5.9	105.2	38.7	38.1	100.5	9.6	10.5	88.9
K2		5.6			38.3			11.1	
T2	6.2	5.8	106.9	38.2	38.1	99.2	10.2	10.7	94.4
U2	6.1	6.1	105.2	38.1	38.1	99.0	10.9	11.1	100.9
V2	5.8	5.7	100.0	38.8	39.0	100.8	10.9	10.9	100.9
B3	5.9	5.6	101.7	39.1	38.9	101.6	10.4	10.5	96.3
G3	5.6	5.6	96.6	38.2	38.3	99.2	11.1	11.1	102.8
I3	5.9	5.9	101.7	38.1	38.2	99.0	10.7	10.5	99.1
P3		6.4			38.5			10.4	
Q3		6.2			37.8			11.3	
T3	6.0	6.0	103.4	38.2	38.3	99.2	11.3	10.7	104.6
U3	5.7	5.6	98.3	38.0	38.3	98.7	10.5	10.7	97.2
X3	6.7	6.6	115.5	38.2	38.2	99.2	11.5	11.5	106.5
C4	6.2	6.3	106.9	38.1	38.2	99.0	11.1	10.2	102.8
L4	5.1		87.9	38.8		100.8	11.5		106.5
P4	5.7	5.9	98.3	38.5	38.5	100.0	11.3	11.6	104.6
U4		5.9			38.4			10.7	
FKBG	5.9	5.8	101.7	38.6	38.5	100.2	10.7	10.8	99.1

NOTES A AND B ARE GIVEN IN APPENDIX.

TABLE VIII (CONT)

AVERAGES OF MILL QUALITY DATA FOR MAR-APR, 1967 - 36 LB KRAFT LINERBOARD

CODE	BURST PSIG			RING LB			STFI LB/IN		
	CUR. AV.	CUM. AV.	IND. *B	CUR. AV.	CUM. AV.	IND. *B	CUR. AV.	CUM. AV.	IND. *B
A1	91	92	91.9		83.1				
C1	103	98	104.0	64.9	58.3	93.4			
D1	99	100	100.0						
H1	93	94	93.9	66.0	69.7	95.0			
M1	98	100	99.0	78.2	77.8	112.5	19.1	21.8	99.0
P1	92	95	92.9	56.0	58.7	80.6	17.9	19.0	92.7
U1		108							
Z1	97	98	98.0		63.0				
D2	112	105	113.1		79.5			22.5	
K2		97						18.3	
T2	97	90	98.0	63.0	62.2	90.6			
U2	113	106	114.1	78.0	77.2	112.2			
V2	101	105	102.0						
B3	94	98	94.9	78.5	78.8	112.9			
G3	103	100	104.0	67.0	66.6	96.4	18.2	18.4	94.3
I3	92	96	92.9	64.0	61.2	92.1	18.1	17.7	93.8
P3		93							
Q3		104							
T3	111	104	112.1				21.7	20.0	112.4
U3	102	97	103.0	79.9	73.4	115.0	22.2	21.1	115.0
X3	91	95	91.9	80.5	71.0	115.8			
C4	94	94	94.9	65.0	62.0	93.5			
L4	89		89.9	70.0		100.7	18.7		96.9
P4	104	107	105.0	63.0	69.2	90.6	15.8	16.1	81.9
U4		97			66.2			18.1	
FKBG	99	99	100.0	69.6	69.5	100.1	19.0	19.3	98.4

NOTE B IS GIVEN IN APPENDIX.

TABLE IX

AVERAGES OF MILL QUALITY DATA FOR MAY-JUN, 1987 - 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	5.6	5.6	96.6	41.6	41.1	108.0	11.4	11.2	105.6
C1	5.9	5.8	101.7	38.3	38.4	99.5	10.0	10.1	92.6
D1	5.8	5.6	100.0	39.1	38.9	101.6	11.6	11.3	107.4
H1	6.3	6.3	108.6	38.5	38.4	100.0			
M1	5.8	5.7	100.0	38.4	38.5	99.7	9.2	9.5	85.2
P1	5.9	6.0	101.7	38.1	38.1	99.0	11.3	10.8	104.6
U1		5.4			38.1			10.8	
Z1	5.4	5.1	93.1	38.7	38.3	100.5	10.9	10.7	100.9
D2	6.1	5.9	105.2	38.7	38.2	100.5	9.8	10.3	90.7
K2		5.6			38.3			11.1	
T2	5.9	5.8	101.7	38.2	38.1	99.2	10.4	10.6	96.3
U2	5.9	6.1	101.7	38.0	38.1	98.7	11.2	11.1	103.7
V2	5.9	5.8	101.7	38.8	38.9	100.8	10.8	10.9	100.0
B3	6.1	5.7	105.2	38.7	39.0	100.5	10.5	10.4	97.2
G3	5.7	5.6	98.3	38.4	38.3	99.7	11.0	11.1	101.8
I3		5.9			38.2			10.5	
P3		6.4			38.5			10.4	
Q3	6.0	6.1	103.4	37.8	37.7	98.2	10.5	10.9	97.2
T3	5.8	6.0	100.0	38.3	38.2	99.5	11.5	10.8	106.5
U3	5.7	5.6	98.3	38.1	38.2	99.0	10.6	10.6	98.1
X3	6.4	6.6	110.3	38.2	38.2	99.2	11.0	11.6	101.8
C4	5.3	6.2	91.4	38.9	38.2	101.0	10.4	10.6	96.3
L4		5.1			38.8			11.5	
P4		5.9			38.5			11.6	
U4		5.9			38.4			10.7	
FKBG	5.9	5.8	101.7	38.6	38.5	100.2	10.7	10.8	99.1

NOTES A AND B ARE GIVEN IN APPENDIX.

TABLE IX (CONT)

AVERAGES OF MILL QUALITY DATA FOR MAY-JUN, 1967 - 38 LB KRAET LINERBOARD

CODE	BURST PSIG			RING LB			STFI LB/IN		
	CUR. AV.	CUM. AV.	IND. #B	CUR. AV.	CUM. AV.	IND. #B	CUR. AV.	CUM. AV.	IND. #B
A1	90	92	90.9		82.9				
C1	103	99	104.0	58.4	58.5	83.9			
D1	101	99	102.0						
H1	94	96	94.9	66.0	68.8	94.8			
M1	99	100	100.0	79.4	78.8	114.1	22.6	20.4	117.7
P1	98	96	99.0	59.0	58.3	84.8	18.1	18.4	94.3
U1		100							
Z1	102	97	103.0		63.0				
D2	109	108	110.1		79.5		21.9	22.5	114.1
K2		97						18.3	
T2	95	92	96.0	63.0	63.0	90.5			
U2	110	107	111.1	76.5	77.3	109.9			
V2	104	104	105.0						
B3	98	97	99.0	78.4	78.8	112.6			
G3	103	101	104.0	64.0	66.9	92.0	17.4	18.3	90.6
I3		95			62.4			17.9	
P3		93							
Q3	105	105	106.1						
T3	110	105	111.1				21.4	20.8	111.4
U3	99	98	100.0	78.5	74.4	112.8	21.6	21.6	112.5
X3	94	94	94.9	73.5	72.9	105.6			
C4	98	94	99.0	64.0	63.5	92.0			
L4		89			70.0			18.7	
P4		106			68.5			16.0	
U4		97			66.2			18.1	
FKBG	101	99	102.0	69.2	69.6	99.4	20.5	19.2	106.8

NOTE B IS GIVEN IN APPENDIX.

TABLE X

AVERAGES OF MILL QUALITY DATA FOR JAN-FEB, 1987 - 42 LB KRAET LINERBOARD

CODE	MOISTURE CONTENT		ADJ. BASIS WT. %A LB/M SQ FT		CALIPER MILS		IND. #B
	CUR. AV.	IND. #B	CUR. AV.	IND. #B	CUR. AV.	IND. #B	
A1	5.9	100.0	42.2	100.0	11.4	11.7	96.6
C1	5.9	100.0	42.3	100.2	11.1	11.2	94.1
D1	6.0		42.6			12.5	
H1	6.4	108.5	42.2	100.0			
I1	6.0	101.7	42.7	101.2	11.7	12.1	99.2
K1	5.2	88.1	42.4	100.5	12.1	12.1	102.5
L1	5.2	88.1	42.1	99.8	12.1	11.9	102.5
M1	5.9	100.0	42.4	100.5	10.7	10.7	90.7
N1	6.1	103.4	42.1	99.8	12.1	12.0	102.5
P1	6.1	103.4	42.1	99.8	11.7	11.3	99.2
Q1	5.6	94.9	42.2	100.0	12.7	12.4	107.6
S1		5.6	41.9				
U1		5.6	42.8			12.3	
Z1	5.0	84.7	42.0	99.5	12.0	11.6	101.7
O2	5.9	100.0	42.0	99.5	11.3	11.8	95.8
K2	6.2	105.1	42.2	100.0	13.1	12.1	111.0
S2	6.3	106.8	42.1	99.8	11.2	11.2	94.9
T2	6.3	106.8	42.2	100.0	11.7	11.9	99.2
U2	5.9	100.0	42.1	99.8	12.0	12.1	101.7
V2	6.0	101.7	42.8	101.4	11.6	12.2	98.3
X2	5.9	100.0	42.4	100.5	11.1	11.2	94.1
Y2	5.7	96.6	42.2	100.0	11.0	10.8	93.2
B3	6.0	101.7	42.7	101.2	11.4	11.8	96.6
F3	6.0	101.7	42.2	100.0	11.7	11.6	99.2
G3	6.0	101.7	42.2	100.0	12.2	12.2	103.4
I3	5.9	100.0	42.1	99.8	11.6	11.7	98.3
J3	5.4	91.5	42.6	100.9	10.9	11.1	92.4
O3	5.4	91.5	41.7	98.8	12.6	12.4	106.8
P3	6.2	105.1	42.1	99.8	12.2	11.6	103.4
Q3	6.5	110.2	41.6	98.6	12.0	12.0	101.7
R3	6.3	106.9	42.7	101.2	11.0	10.7	93.2
T3	6.0	101.7	42.2	100.0	12.6	11.8	106.8
U3	5.6	94.9	42.1	99.8	11.5	11.8	97.4
V3	6.0	101.7	42.2	100.0	12.1	11.9	102.5
X3	6.7	113.6	42.3	100.2	13.0	12.4	110.2
C4	6.4	108.5	42.2	100.0	12.1	11.8	102.5
I4		5.6	42.2			11.8	
J4	6.3	106.8	42.2	100.0	12.0	11.4	101.7
L4	5.5	93.2	42.5	100.7	11.5	12.2	97.4
P4	5.6	94.9	42.3	100.2	12.4	12.5	105.1
Q4	6.2	105.1	41.6	98.6	12.1	12.2	102.5
T4	5.2	88.1	42.1	99.8	12.2	12.3	103.4
U4	6.1	103.4	42.1	99.8	11.8	11.8	100.0
FK8G	5.9	100.0	42.2	100.0	11.8	11.8	100.0

NOTES A AND B ARE GIVEN IN APPENDIX.

TABLE X (CONT)

AVERAGES OF MILL QUALITY DATA FOR JAN-FEB, 1987 - 42 LB KRAFT LINERBOARD

CODE	CUR- AV.	BURST PSIG CUM- AV.	IND- *B	CUR- AV.	RING LB CUM- AV.	IND- *B	CUR- AV.	STFI LB/IN CUM- AV.	IND- *B
A1	98	98	92.4	99.0	90.8	130.8			
C1	105	104	99.0	68.1	66.4	90.0			
D1		104							
H1	103	103	97.2	77.5	75.6	102.4			20.2
I1	102	103	95.2	74.0	78.2	97.8			
K1	104	103	98.1	68.0	67.6	89.8			17.8
L1	104	104	98.1	64.0	67.0	84.5			17.1
M1	108	108	101.9	86.7	88.2	114.5			23.8
N1	116	118	109.4						24.0
P1	104	102	98.1	72.0	71.0	95.1			20.3
Q1	111	112	106.6	74.0	76.3	97.8			
S1		105			73.0				
U1	108	107	101.9	70.0	75.8	92.5			22.1
Z1	122	114	115.1		83.4				
D2									
K2	97	102	91.5						18.0
S2	105	104	99.0	73.0	70.4	96.4			18.4
T2	98	100	92.4						
U2	118	118	111.3	93.0	85.0	122.8			
W2	115	114	108.5						
X2	107	105	100.9	82.8	81.6	109.4			20.4
Y2	109	107	102.8						22.7
B3	104	105	98.1	88.8	88.2	116.4			
F3	103	107	97.2	87.1	80.6	115.0			
G3	108	106	101.9	70.0	69.5	92.5			19.0
I3	103	103	97.2	72.0	71.8	95.1			20.4
J3	105	106	99.0	89.2	90.2	117.8			24.0
O3	101	104	95.3	75.0	68.8	99.1			
P3	107	106	100.9						16.7
Q3	106	112	100.0						
R3	112	110	105.7	88.2	90.3	116.5			
T3	108	108	101.9						22.4
U3	106	103	100.0	83.7	80.2	110.6			23.1
V3	108	106	101.9	72.0	69.3	95.1			
X3	104	105	98.1	82.5	76.2	109.0			
C4	104	104	98.1	71.5	66.0	94.4			
E4		101			70.0				
J4	117	115	110.4		59.4				18.0
L4	99	99	93.4	77.0	78.3	101.7			19.5
P4	107	110	100.9	70.0	73.9	92.5			17.1
Q4	102	102	96.2	65.0	65.8	85.9			
T4	103	103	97.2		68.1				17.4
U4	107	105	100.9		71.4				30.2
FN8G	106	106	100.0	77.5	75.7	102.4			20.1

NOTE B IS GIVEN IN APPENDIX-

TABLE XI

AVERAGES OF MILL QUALITY DATA FOR MAR-APR, 1987 - 42 LB KRAFT LINERBOARD

CODE	MOISTURE CONTENT		ADJ. BASIS WT. *A LB/M SQ FT		CALIPER MILS		IND. *B
	CUR. AV.	IND. *B	CUR. AV.	IND. *B	CUR. AV.	IND. *B	
A1	5.8	98.3	42.1	42.3	11.2	11.6	94.9
C1	6.0	101.7	42.3	42.4	11.2	11.2	94.9
D1	5.9	100.0	43.0	42.5	13.0	12.5	110.2
M1	6.4	108.5	42.3	42.2			
I1	5.7	96.6	42.8	42.6	12.5	12.0	105.9
K1	5.2	88.1	42.3	42.2	12.0	12.1	101.7
L1	5.2	88.1	42.1	42.1	11.7	11.9	99.2
M1	6.2	105.1	42.3	42.4	10.8	10.8	91.5
N1	6.1	103.4	42.2	42.2	11.7	12.0	99.2
P1	6.0	101.7	42.1	42.0	11.4	11.5	96.6
Q1	5.5	93.2	42.2	42.2	12.6	12.4	106.8
S1	5.6		41.9			11.8	
U1	5.6		42.8			12.3	
Z1	4.8	81.4	42.3	42.2	11.8	11.6	100.0
D2	6.2	105.1	42.0	42.2	11.2	11.7	94.9
K2	6.1	103.4	42.2	42.2	12.2	12.2	103.4
S2	6.3	106.8	42.1	42.1	11.5	11.2	97.4
T2	6.2	105.1	42.2	42.1	11.3	11.8	95.8
U2	5.9		42.1			12.0	
V2	6.0	101.7	42.8	42.9	12.2	12.1	103.4
X2	6.0	101.7	42.4	42.3	10.8	11.2	91.5
Y2	5.8	98.3	42.2	42.3	10.9	10.8	92.4
B3	6.2	105.1	42.6	42.7	11.5	11.7	97.4
F3	6.0	101.7	42.2	42.2	11.2	11.6	94.9
G3	6.1	103.4	42.0	42.2	12.3	12.2	104.2
I3	5.9	100.0	42.1	42.1	11.6	11.6	98.3
J3	5.4	91.5	42.6	42.6	10.8	11.1	91.5
O3	5.5	93.2	41.7	41.6	12.2	12.4	103.4
P3	6.2	105.1	42.1	42.1	11.9	11.7	100.8
Q3	6.5	110.2	41.6	41.6	11.7	12.0	99.2
R3	6.1	103.4	42.7	42.7	11.0	10.6	93.2
T3	6.0	101.7	42.2	42.2	12.2	11.9	103.4
U3	5.8	98.3	42.1	42.1	11.6	11.7	98.3
V3	6.1	103.4	42.3	42.4	11.8	12.0	100.0
X3	6.7	113.6	42.2	42.2	12.7	12.6	107.6
C4	6.5	110.2	42.3	42.2	11.9	11.8	100.8
I4	5.6		42.2			11.8	
J4	6.0	101.7	42.2	42.2	10.3	11.5	87.3
L4	5.2	88.1	42.7	42.6	12.3	12.2	104.2
P4	5.7	96.6	42.3	42.3	12.3	12.4	104.2
Q4	6.2	105.1	41.8	41.7	12.5	12.2	105.9
T4	5.2	88.1	42.1	42.1	12.1	12.3	102.5
U4	6.0	101.7	42.1	42.1	12.0	11.7	101.7
FK8G	5.9	100.0	42.2	42.2	11.7	11.8	99.2

NOTES A AND B ARE GIVEN IN APPENDIX.

TABLE XI (CONT)

AVERAGES OF MILL QUALITY DATA FOR MAR-APR, 1967 - 42 LB KRAFT LINERBOARD

CODE	CUR. AV.	BURST		IND. #B	CUR. AV.	RING LB		IND. #B	CUR. AV.	STFI LB/IN		IND. #B
		PSIG CUP.	AV.			CUM. AV.	CUM. AV.					
A1	97	98	91.5	69.0	91.8	90.7	21.6	20.2	107.5			
C1	107	104	100.9	69.0	66.8	90.7						
D1	105	104	99.0	77.5	76.0	101.8						
H1	104	103	98.1	77.0	78.0	101.2			21.6	20.2	107.5	
I1	106	103	100.0									
K1	104	103	98.1		67.1				17.5	17.8	87.1	
L1	103	104	97.2		65.8				16.7	17.1	83.1	
M1	108	109	101.9	87.6	88.7	115.1			24.9	23.8	123.9	
N1	120	117	113.2						23.0	24.0	114.4	
P1	107	103	100.9	69.0	71.5	90.7			20.2	20.3	100.5	
Q1	114	112	107.5	76.0	75.5	99.9						
S1		105			73.0							
U1		111										
Z1	105	107	99.0		75.0							
D2	116	116	109.4		84.2					22.1		
K2	100	101	94.3						18.5	18.0	92.0	
S2	107	104	100.9						17.9	18.4	89.0	
T2	101	100	95.3	72.0	71.7	94.6						
U2		118			87.0							
V2	115	114	108.5									
X2	107	105	100.9						20.9	20.4	104.0	
Y2	112	108	105.7	89.7	83.5	117.9			23.7	22.7	117.9	
B3	104	105	98.1	88.3	87.6	116.0						
F3	106	106	100.0	89.8	81.1	118.0						
G3	107	106	100.9	70.0	69.5	92.0			18.8	19.0	93.5	
I3	103	103	97.2	71.0	72.3	93.3			21.1	20.4	105.0	
J3	108	106	101.9	89.9	90.3	118.1			24.7	24.0	122.9	
O3	102	104	96.2	72.0	69.8	94.6						
P3	107	106	100.9						15.9	16.7	79.1	
Q3	108	110	101.9									
R3	110	111	103.8	86.2	89.8	113.3						
T3	109	108	102.8						23.1	22.4	114.9	
U3	108	104	101.9	92.9	82.6	122.1			24.1	23.1	119.9	
V3	106	108	100.0	69.0	69.7	90.7						
X3	104	105	98.1	92.4	76.6	121.4						
C4	105	104	99.0	70.5	67.0	92.6						
I4		101			70.0							
J4	113	115	106.6	57.0	58.8	74.9			30.7	18.0	103.0	
L4	100	99	94.3	77.0	78.2	101.2			20.8	19.5	103.5	
P4	107	109	100.9	71.0	72.2	93.3			16.8	17.1	83.6	
Q4	102	102	96.2	65.0	65.7	85.4						
T4	103	103	97.2		67.5				17.1	17.4	85.1	
U4	102	105	96.2		73.0				20.6	20.2	102.5	
FKBG	106	106	100.0	77.4	76.1	101.7			20.4	20.1	101.5	

NOTE B IS GIVEN IN APPENDIX.

TABLE XII

AVERAGES OF MILL QUALITY DATA FOR MAY-JUN, 1987 - 42 LB KRAET LINERBOARD

CODE	MOISTURE CONTENT		ADJ. BASIS WT. %A		CALIPER		IND. %B
	CUR. AV.	IND. %B	CUR. AV.	IND. %B	CUR. AV.	IND. %B	
A1	5.8	5.8	98.3	100.0	42.2	42.3	100.0
C1	5.9	6.0	100.0	100.2	42.3	42.4	100.2
D1	5.8	6.0	98.3	101.6	42.9	42.6	101.6
H1	6.3	6.3	106.8	99.8	42.1	42.2	99.8
I1	5.9	5.8	100.0	100.9	42.6	42.7	100.9
K1	5.2	5.3	88.1	99.8	42.1	42.2	99.8
L1	5.2	5.2	88.1	99.8	42.1	42.1	99.8
M1	6.1	6.0	103.4	100.2	42.3	42.4	100.2
N1	6.0	6.1	101.7	99.8	42.1	42.2	99.8
P1	6.0	6.0	101.7	99.8	42.1	42.1	99.8
Q1	5.3	5.7	89.8	100.0	42.2	42.2	100.0
S1		5.6			41.9		
U1		5.6			42.8		
Z1	5.8	5.0	98.3	100.7	42.5	42.2	100.7
D2	5.9	6.0	100.0	100.7	42.5	42.2	100.7
K2	6.0	6.0	101.7	100.5	42.4	42.2	100.5
S2	6.2	6.1	105.1	99.5	42.0	42.1	99.5
T2	6.2	5.9	105.1	100.0	42.2	42.1	100.0
U2	6.0	5.9	101.7	99.5	42.0	42.1	99.5
V2	5.9	5.9	100.0	101.6	42.9	42.9	101.6
X2	5.9	6.0	100.0	100.9	42.6	42.4	100.9
Y2	5.8	5.8	98.3	100.2	42.3	42.2	100.2
B3	6.1	6.1	103.6	101.2	42.7	42.7	101.2
F3	6.0	6.0	101.7	100.0	42.2	42.2	100.0
G3	6.3	5.9	106.8	99.8	42.1	42.1	99.8
I3	6.0	5.9	101.7	99.8	42.1	42.1	99.8
J3	5.2	5.3	88.1	100.9	42.6	42.6	100.9
K3	6.0	6.0	101.7	99.8	42.1	42.1	99.8
O3	5.4	5.4	91.5	98.8	41.7	41.6	98.8
P3	6.2	6.2	105.1	100.0	42.2	42.1	100.0
Q3	6.3	6.4	106.8	98.6	41.6	41.6	98.6
R3	6.3	6.1	106.8	100.9	42.6	42.7	100.9
T3	6.0	6.0	101.7	100.0	42.2	42.2	100.0
U3	5.8	5.6	98.3	99.8	42.1	42.1	99.8
V3	5.9	6.0	100.0	100.7	42.5	42.3	100.7
X3	6.6	6.7	111.9	100.0	42.2	42.2	100.0
C4	6.3	6.3	106.8	100.2	42.3	42.2	100.2
I4	5.9	5.2	100.0	100.5	42.6	42.1	100.5
J4	6.1	6.1	103.4	100.0	42.2	42.2	100.0
L4	5.3	5.5	89.8	100.5	42.4	42.6	100.5
P4	5.7	5.8	96.6	100.2	42.3	42.3	100.2
Q4	6.2	6.3	105.1	98.8	41.7	41.7	98.8
T4	5.2	5.2	88.1	99.8	42.1	42.1	99.8
U4	6.0	6.0	101.7	99.8	42.1	42.1	99.8
FK86	5.9	5.9	100.0	100.0	42.2	42.2	100.0

NOTES A AND B ARE GIVEN IN APPENDIX.

TABLE XII
 AVERAGES OF HILL QUALITY DATA FOR MAY-JUN 1967 - 42 LB KRAET LINERBOARD

CODE	BURST PSIG		IND. #B	RING LB		IND. #B	CUR. AV.		IND. #B	STFI LB/IN		IND. #B
	CUR. AV.	CUP. AV.		CUR. AV.	CUP. AV.		CUR. AV.	CUP. AV.		CUR. AV.	CUP. AV.	
A1	97	98	91.5	93.0	93.0		69.4	66.9	91.0	20.6	20.9	103.0
C1	105	104	99.0	66.9	66.9					17.6	17.6	87.1
D1	106	109	100.0	66.9	66.9					16.3	16.9	80.7
H1	104	104	98.1	76.2	76.2		92.4	88.8	121.1	27.1	24.4	134.2
I1	106	104	100.0	77.0	77.0		75.5	76.2	99.0	23.0	23.5	113.9
							75.0	77.0	98.3	19.9	20.2	98.5
K1	105	104	99.0	66.5	66.5							
L1	105	104	99.0	64.6	64.6							
M1	110	108	103.8	88.8	88.8							
N1	122	117	115.1									
PA	109	104	102.8	70.7	70.7		68.0	70.7	89.1			
Q1	116	111	109.4	75.2	75.2		74.0	73.0	97.0			
SA		105										
U1		111										
Z1	106	107	100.0	74.6	74.6							
D2	110	116	103.8	82.3	82.3		88.0	82.3	115.3	22.9	22.1	113.4
K2	103	101	97.2									
S2	107	105	100.9									
V2	102	100	96.2	72.3	72.3		71.0	72.3	93.0	18.2	18.2	90.1
U2	111	118	104.7	87.0	87.0		81.0	87.0	106.2	19.1	18.2	94.6
V2	111	114	104.7									
X2	109	105	102.8									
V2	112	108	105.7	84.5	84.5		86.1	84.5	112.8	19.8	20.6	98.0
B3	105	104	99.0	87.7	87.7		86.6	87.7	113.5	22.9	23.2	113.4
F3	106	106	100.0	81.8	81.8		92.4	81.8	121.1			
G3	108	107	101.9	69.5	69.5		67.0	69.5	87.8	18.3	18.9	90.6
I3	104	103	98.1									
J3	108	106	101.9	72.5	72.5		70.0	72.5	91.7	21.0	20.8	104.0
K3	114	105	107.5	90.6	90.6		94.6	90.6	124.0	25.2	24.4	124.8
O3	103	103	97.2	70.8	70.8		71.0	71.0	93.0	19.8		98.0
P3	109	106	102.8				72.0	70.8	94.4			
Q3	110	109	103.8							17.8	16.3	88.1
R3	106	111	100.0	89.7	89.7		87.3	89.7	114.4			
T3	112	108	105.7									
U3	107	105	100.9	84.5	84.5		88.0	84.5	115.3	22.5	22.8	111.4
V3	107	108	100.9	69.5	69.5		77.0	69.5	100.9	23.1	23.6	114.4
X3	104	105	98.1	79.3	79.3							
C4	107	104	100.9	67.8	67.8							
I4	107	102	100.9	71.0	71.0							
J4	121	115	114.2	58.0	58.0							
L4	101	99	95.3	78.0	78.0							
P4	111	108	104.7	71.9	71.9		70.0	71.9	91.7	17.5	17.0	86.6
Q4	101	102	95.3	65.3	65.3		63.0	65.3	82.6			
T4	108	103	101.9	66.9	66.9							
U4	103	105	97.2	74.6	74.6							
FK8G	108	106	101.9	77.1	76.3		77.1	76.3	101.0	20.4	20.2	101.0

NOTE B IS GIVEN IN APPENDIX.

TABLE XIII

AVERAGES OF MILL QUALITY DATA FOR JAN-FEB, 1987 - 69 LB KRAET LINERBOARD

CODE	MOISTURE CONTENT PERCENT			ADJ. BASIS LB/M SQ FT			WT. %A CALIPER MILS		
	CUR. AV.	CUM. AV.	IND. *B	CUR. AV.	CUM. AV.	IND. *B	CUR. AV.	CUM. AV.	IND. *B
A1	6.5	6.2	103.2	69.6	69.5	100.3	19.2	19.2	99.5
C1	6.6	6.8	104.8	69.5	69.8	100.1	18.9	18.4	97.9
H1	6.4	6.2	101.6	69.3	69.3	99.8			
I1	6.5	6.9	103.2	69.5	69.6	100.1	18.5	19.4	95.8
L1	5.7	5.8	90.5	69.5	69.3	100.1	18.8	18.9	97.4
N1	6.8	6.7	107.9	69.2	69.2	99.7	18.7	18.9	96.9
Q1	5.8	6.0	92.1	69.5	69.4	100.1	20.5	20.1	106.2
U1		6.5			69.7			19.7	
Z1	5.4	5.6	85.7	69.3	69.7	99.8	19.8	19.5	102.6
A2	5.6	6.4	88.9	70.2	69.5	101.2	18.9	18.7	97.9
D2	6.3	6.6	100.0	69.2	69.2	99.7	19.3	19.2	100.0
K2		6.4			69.6			20.2	
S2	6.4	6.2	101.6	69.3	69.4	99.8	19.6	19.7	101.6
V2	6.9	6.5	109.5	69.8	69.9	100.6	18.2	18.1	94.3
X2	6.4	6.8	101.6	69.3	69.6	99.8	19.2	19.4	99.5
Y2	6.9	6.9	109.5	68.8	69.0	99.1	17.7	17.7	91.7
F3	6.3	6.6	100.0	69.3	69.4	99.8	19.3	19.2	100.0
G3	6.1	6.3	96.8	69.2	69.3	99.7	19.5	19.5	101.0
J3	5.9	5.7	93.6	69.4	69.4	100.0	17.7	18.0	91.7
O3	5.8	5.8	92.1	68.3	68.3	98.4	20.3	20.3	105.2
P3	6.2	6.1	98.4	69.8	69.8	100.6	20.8	19.9	107.8
Q3	6.5	6.6	103.2	68.2	68.5	98.3	20.4	20.5	105.7
R3	6.7	6.3	106.3	69.9	69.9	100.7	18.4	18.7	95.3
V3	6.8	6.5	107.9	69.1	69.5	99.6	20.0	20.0	103.6
X3		6.6			69.3			21.1	
C4	5.6	5.7	88.9	69.4	69.4	100.0	18.9	19.0	97.9
I4	6.6	6.0	104.8	69.3	69.2	99.8	18.9	19.0	97.9
J4	6.4	6.0	101.6	69.3	69.5	99.8		19.2	
P4	5.8	5.9	92.1	69.4	69.5	100.0	20.0	20.0	103.6
Q4	6.2	6.5	98.4	67.7	68.2	97.6	20.5	20.0	106.2
U4	7.0	7.0	111.1	69.0	69.4	99.4	20.7	19.6	107.2
FKBG	6.3	6.3	100.0	69.3	69.4	99.8	19.3	19.3	100.0

NOTES A AND B ARE GIVEN IN APPENDIX.

TABLE XIII (CONT)

AVERAGES OF MILL QUALITY DATA FOR JAN-FEB, 1987 - 69 LB KRAFT LINERBOARD

CODE	BURST PSIG			RING LB			STFI LB/IN		
	CUR. AV.	CUM. AV.	IND. #B	CUR. AV.	CUM. AV.	IND. #B	CUR. AV.	CUM. AV.	IND. #B
A1	136	138	94.4	136.0	132.4	112.8			
C1	146	144	101.4	113.9	111.4	94.4			
H1	148	142	102.8	133.5	126.8	110.7			
I1	137	139	95.1	115.0	120.8	95.4	29.8		
L1	145	142	100.7	129.0	119.5	107.0	30.9		
N1	153	152	106.2				35.0		
O1	141	143	97.9	109.0	114.3	90.4			
U1		136							
Z1	138	139	95.8	117.0	123.2	97.0			
A2	148	144	102.8				27.8		
O2	145	144	100.7		138.0		37.4		
K2		136							
S2	140	139	97.2				31.0		
V2	178	170	123.6						
X2	141	138	97.9				30.7		
Y2	146	145	101.4	117.3	113.4	97.3	32.5		
F3	142	143	98.6	138.5	127.7	114.8			
G3	147	146	102.1	117.0	115.2	97.0	31.4		
J3	143	148	99.3	137.0	138.7	113.6	34.0		
O3	145	145	100.7	123.0	110.2	102.0			
P3	137	140	95.1				28.6		
Q3	146	146	101.4						
R3	150	152	104.2	139.1	144.6	115.3			
V3	136	135	94.6	109.0	112.3	90.4			
X3		139			122.0				
C4	139	136	96.5	125.0	115.3	103.6			
I4	138	138	95.8	113.0	113.5	93.7			
J4	143	150	99.3		99.6		28.9		
P4	154	154	106.9	110.0	114.6	91.2	25.4		
Q4	140	140	97.2	118.0	113.8	97.8			
U4	136	147	94.4		122.2		31.6		
FKBG	144	144	100.0	122.2	120.6	101.3	31.1		

NOTE B IS GIVEN IN APPENDIX.

TABLE XIV

AVERAGES OF MILL QUALITY DATA FOR MAR-APR, 1987 - 69 LB KRAET 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	6.2	100.0	69.7	69.5	100.6	18.7	19.2	96.9
C1	6.7	6.8	106.3	69.4	69.8	100.1	18.6	18.5	96.4
H1	6.4	6.2	101.6	69.8	69.3	100.7			
I1	6.3	6.8	100.0	69.4	69.6	100.1	19.2	19.2	99.5
L1	5.6	5.8	88.9	69.5	69.2	100.3	18.4	18.9	95.3
M1	6.7	6.8	106.3	69.2	69.2	99.8	18.6	18.8	96.4
Q1	5.7	5.9	90.5	69.3	69.4	100.0	20.2	20.2	104.7
U1		6.4			69.6			19.4	
Z1	5.6	5.5	88.9	69.5	69.6	100.3	20.1	19.6	104.1
A2	5.8	6.3	92.1	70.2	69.7	101.3	18.7	18.7	96.9
D2	6.8	6.5	107.9	70.0	69.3	101.0	19.4	19.2	100.5
K2		6.4			69.6			20.2	
S2	6.6	6.3	104.8	69.5	69.4	100.3	19.9	19.7	103.1
V2	6.7	6.6	106.3	69.8	69.9	100.7	18.3	18.1	94.8
X2	6.7	6.7	106.3	69.6	69.5	100.4	19.2	19.5	99.5
Y2	6.9	6.9	109.5	68.8	68.9	99.3	17.9	17.7	92.7
F3	6.3	6.5	100.0	69.3	69.3	100.0	19.0	19.3	98.4
G3	6.5	6.2	103.2	69.2	69.3	99.8	18.6	19.4	96.4
J3	5.7	5.7	90.5	69.5	69.4	100.3	18.0	18.1	93.3
O3	5.9	5.8	93.6	68.2	68.2	98.4	19.9	20.3	103.1
P3	6.2	6.0	98.4	70.0	69.8	101.0	19.3	20.1	100.0
Q3	6.8	6.6	107.9	68.5	68.4	98.8	20.3	20.5	105.2
R3	6.6	6.5	104.8	69.8	69.9	100.7	18.1	18.4	93.8
V3	6.6	6.6	104.8	69.4	69.4	100.1	19.9	20.1	103.1
X3		6.6			69.3			21.1	
C4	6.2	5.6	98.4	69.5	69.5	100.3	18.9	19.0	97.9
I4	6.3	6.1	100.0	69.2	69.1	99.8	19.4	18.9	100.5
J4	6.4	6.1	101.6	69.2	69.5	99.8	17.2	19.1	89.1
P4	5.8	5.9	92.1	69.5	69.5	100.3	20.4	20.0	105.7
Q4	6.4	6.5	101.6	68.3	68.1	98.6	20.7	20.1	107.2
U4	6.9	7.0	109.5	69.1	69.3	99.7	19.5	19.8	101.0
FKBG	6.3	6.3	100.0	69.4	69.3	100.1	19.1	19.3	99.0

NOTES A AND B ARE GIVEN IN APPENDIX.

TABLE XIV (CONT)

AVERAGES OF MILL QUALITY DATA FOR MAR-APR, 1987 - 69 LB KRAFT LINERBOARD

CODE	BURST			RING			STFI		
	CUR. AV.	PSIG CUM. AV.	IND. °B	CUR. AV.	LB CUM. AV.	IND. °B	CUR. AV.	LB/IN CUM. AV.	IND. °B
A1	138	137	95.8	137.0	133.2	113.5			
C1	145	144	100.7	116.3	112.0	96.4			
H1	148	143	102.8	133.0	127.1	110.2			
I1	138	138	95.8	117.0	120.8	96.9	28.2	29.8	90.7
L1	139	143	96.5		121.0		30.3	30.9	97.4
N1	149	151	103.5				33.0	35.0	106.1
Q1	146	140	101.4	115.0	111.5	95.3			
U1		136							
Z1	137	139	95.1		120.4				
A2	147	144	102.1				29.5	27.8	94.8
D2	147	143	102.1	131.0	135.5	108.5		37.4	
K2		136							
S2	140	139	97.2				27.8	31.0	89.4
V2	170	172	118.0						
X2	143	139	99.3				30.2	30.7	97.1
Y2	149	145	103.5	120.8	116.5	100.1	32.4	32.5	104.2
F3	145	143	100.7	138.6	129.2	114.8			
G3	144	146	100.0	112.0	115.4	92.8	30.0	31.4	96.5
J3	148	148	102.8	141.0	139.4	116.8	33.4	34.0	107.4
O3	145	145	100.7	120.0	112.5	99.4			
P3	139	138	96.5				33.6	28.6	108.0
Q3	135	144	93.8						
R3	153	150	106.2	138.4	143.3	114.7			
V3	133	136	92.4	113.0	111.2	93.6			
X3		139			122.0				
C4	138	136	95.8	130.0	116.8	107.7			
I4	137	138	95.1	118.0	113.8	97.8			
J4	149	148	103.5	99.0	99.8	82.0	32.3	28.9	103.8
P4	151	154	104.9	110.0	113.4	91.1	24.1	25.4	77.5
Q4	138	140	95.8	108.0	114.8	89.5			
U4	142	146	98.6		124.6		31.4	31.6	101.0
FKBG	144	144	100.0	122.1	120.7	101.2	30.5	31.1	98.1

NOTE B IS GIVEN IN APPENDIX.

TABLE XV

AVERAGES OF MILL QUALITY DATA FOR MAY-JUN, 1987 - 69 LB KRAET LINERBOARD

CODE	MOISTURE CONTENT PERCENT			ADJ. BASIS LB/M SQ FT			WT. *A CALIPER MILS		
	CUR. AV.	CUM. AV.	IND. *B	CUR. AV.	CUM. AV.	IND. *B	CUR. AV.	CUM. AV.	IND. *B
A1	6.4	6.2	101.6	69.5	69.6	100.3	18.9	19.1	97.9
C1	7.2	6.8	114.3	69.3	69.8	100.0	18.9	18.6	97.9
H1	6.4	6.3	101.6	69.4	69.4	100.1			
I1	6.5	6.7	103.2	69.2	69.6	99.8	20.0	19.2	103.6
L1	5.7	5.8	90.5	69.3	69.2	100.0	18.7	18.8	96.9
N1	7.0	6.8	111.1	69.2	69.2	99.8	18.7	18.7	96.9
Q1	5.5	5.9	87.3	69.3	69.4	100.0	20.6	20.2	106.7
U1		6.5			69.6			19.2	
Z1	6.0	5.5	95.2	70.0	69.5	101.0	20.1	19.6	104.1
A2	5.8	6.2	92.1	70.5	69.7	101.7	18.8	18.6	97.4
D2	6.5	6.5	103.2	69.6	69.4	100.4	19.6	19.4	101.6
K2		6.4			69.6			20.2	
S2	6.5	6.4	103.2	69.8	69.4	100.7	19.4	19.7	100.5
V2	6.6	6.6	104.8	69.9	69.9	100.9	18.5	18.2	95.8
X2	6.7	6.7	106.3	69.5	69.5	100.3	19.0	19.4	98.4
Y2	6.8	6.9	107.9	69.0	68.8	99.6	17.9	17.8	92.7
F3	6.5	6.5	103.2	69.3	69.3	100.0	18.9	19.2	97.9
G3	6.7	6.2	106.3	69.3	69.3	100.0	19.1	19.2	99.0
J3	5.7	5.7	90.5	69.4	69.4	100.1	17.7	18.2	91.7
O3	5.9	5.9	93.6	68.4	68.2	98.7	20.0	20.2	103.6
P3	6.2	6.1	98.4	70.0	69.9	101.0	19.8	20.0	102.6
Q3	6.4	6.7	101.6	68.4	68.4	98.7	19.7	20.8	102.1
R3	6.6	6.6	104.8	69.9	69.9	100.9	18.5	18.2	95.8
V3	6.6	6.6	104.8	69.4	69.3	100.1	19.4	20.1	100.5
X3		6.6			69.3			21.1	
C4	6.3	5.7	100.0	69.4	69.4	100.1	19.3	19.0	100.0
I4	6.4	6.2	101.6	69.3	69.1	100.0	19.2	18.9	99.5
J4	6.3	6.2	100.0	69.2	69.4	99.8	17.4	18.6	90.2
P4	5.8	5.9	92.1	69.5	69.5	100.3	20.0	20.1	103.6
Q4	6.4	6.5	101.6	67.9	68.1	98.0	20.2	20.2	104.7
U4	6.8	7.0	107.9	69.1	69.3	99.7	19.5	19.8	101.0
FKBG	6.4	6.3	101.6	69.4	69.3	100.1	19.2	19.3	99.5

NOTES A AND B ARE GIVEN IN APPENDIX.

TABLE XV (CONT)

AVERAGES OF MILL QUALITY DATA FOR MAY-JUN, 1987 - 69 LB KRAFT LINERBOARD

CODE	BURST PSIG			RING LB			STFI LB/IN		
	CUR. AV.	CUM. AV.	IND. ±B	CUR. AV.	CUM. AV.	IND. ±B	CUR. AV.	CUM. AV.	IND. ±B
A1	135	137	93.8	128.5	134.1	106.6			
C1	145	145	100.7	117.4	112.7	97.3			
H1	144	144	100.0	124.5	128.2	103.2			
I1	139	138	96.5	107.0	120.0	88.7	27.7	29.0	89.9
L1	141	143	97.9		120.0		30.0	30.6	97.4
N1	151	150	104.9				35.0	34.0	113.6
O1	143	141	99.3	109.0	111.8	90.4			
U1		137							
Z1	142	139	98.6	118.0	118.0	97.8			
A2	148	144	102.8				28.6	28.6	92.8
O2	140	144	97.2		132.2		34.9	37.4	113.3
K2		136							
S2	139	140	96.5				30.4	29.4	98.7
V2	167	172	116.0						
X2	145	140	100.7				30.1	30.4	97.7
Y2	148	145	102.8	117.6	116.7	97.5	32.1	32.4	104.2
F3	141	144	97.9	140.7	130.2	116.7			
G3	147	146	102.1	108.0	114.8	89.6	28.9	30.7	93.8
J3	149	148	103.5	142.2	139.9	117.9	35.2	33.7	114.3
O3	145	145	100.7	120.0	114.5	99.5			
P3	139	138	96.5				30.7	31.1	99.7
Q3	145	142	100.7						
R3	151	151	104.9	137.0	142.6	113.6			
V3	134	136	93.0	125.0	109.8	103.6			
X3		139			122.0				
C4	138	137	95.8	118.5	119.2	98.2			
I4	140	138	97.2	112.0	115.0	92.9			
J4	150	147	104.2	122.0	99.5	101.2	32.3	30.6	104.9
P4	149	152	103.5	104.0	112.6	86.2	25.5	24.8	82.8
Q4	138	140	95.8	108.0	112.8	89.6			
U4	137	147	95.1		127.8		31.0	31.5	100.6
FKBG	144	144	100.0	120.0	120.6	99.5	30.9	30.8	100.3

NOTE B IS GIVEN IN APPENDIX.

TABLE XVI

AVERAGES OF MILL QUALITY DATA FOR JAN-FEB, 1987 - 90 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		
A1	6.7	6.7	101.5	90.6	90.4	100.2	25.4	25.9	100.8
L1	6.2	6.2	93.9	90.3	90.4	99.9	24.0	24.3	95.2
N1	6.9	6.8	104.5	90.3	90.4	99.9	24.3	24.4	96.4
Q1	6.0	6.0	83.3	90.7	90.7	101.1	25.8	25.8	97.6
A2	5.5	6.4	83.3	91.4	90.8	101.1	24.6	24.0	97.6
X2	7.1	7.1	107.6	90.5	90.4	100.1	25.9	25.9	102.8
Y2	6.9	6.9	104.5	89.9	90.1	99.4	23.5	23.6	93.2
F3	6.7	6.7	90.2	90.2	90.2	99.8	24.9	25.1	98.8
G3	6.3	6.7	95.4	90.2	90.2	99.8	24.9	24.9	98.8
J3	5.8	5.8	87.9	90.7	90.6	100.3	23.9	23.8	94.8
O3	8.9	8.2	134.8	89.8	89.8	99.3	27.1	26.9	107.5
V3	6.8	6.3	103.0	90.2	90.9	99.8	26.6	26.4	105.6
J4	6.0	6.0	90.9	90.9	90.9	99.8	24.9	24.9	109.1
U4	6.9	6.9	104.5	91.8	90.2	101.5	27.5	26.2	109.1
FKB6	6.7	6.6	101.5	90.5	90.4	100.1	25.2	25.2	100.0

NOTES A AND B ARE GIVEN IN APPENDIX.

TABLE XVI (CONT)

AVERAGES OF MILL QUALITY DATA FOR JAN-FEB, 1987 - 90 LB KRAET LINERBOARD

CODE	BURST PSIG			RING LB			STFI LB/IN		
	CUR. AV.	CUM. AV.	IND. *B	CUR. AV.	CUM. AV.	IND. *B	CUR. AV.	CUM. AV.	IND. *B
A1	158	156	92.4	178.0	175.9	116.7			
L1	167	163	97.7	145.0	147.3	95.1	44.4		
N1	184	182	107.6				45.0		
Q1		168			142.5				
A2	189	185	110.5				43.5		
X2	166	158	97.1				38.4		
Y2	178	177	104.1	158.3	154.9	103.8	41.2		
F3		162			134.0				
G3	179	176	104.7	149.0	148.2	97.7	39.8		
J3	167	172	97.7	178.3	181.7	116.9	44.8		
O3	172	176	100.6	152.0	138.7	99.7			
V3	166	166	97.1	144.0	146.3	94.4			
J4		174			126.6				
U4	166	172	97.1		154.0		43.6		
FK8G	172	171	100.6	157.8	152.5	103.5	42.6		

NOTE B IS GIVEN IN APPENDIX.

TABLE XVII

AVERAGES OF MILL QUALITY DATA FOR MAR-APR, 1987 - 90 LB KRAFT LINERBOARD

CODE	MOISTURE CONTENT PERCENT			ADJ. BASIS 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	6.6	103.0	90.6	90.6	100.2	25.2	25.7	100.4
L1	6.0	6.2	90.9	90.2	90.2	99.8	24.1	24.2	96.0
N1	7.0	6.9	106.1	90.4	90.4	100.0	25.0	24.2	99.6
Q1		6.0			90.7			25.8	
A2	5.8	6.2	87.9	91.0	90.9	100.7	24.3	24.1	96.8
X2	7.2	7.0	109.1	91.0	90.4	100.7	25.9	25.7	103.2
Y2	6.9	6.9	104.5	90.0	90.0	99.6	23.8	23.6	94.8
F3	7.0	6.7	106.1	90.7	90.2	100.3	25.1	25.1	100.0
G3	6.6	6.6	100.0	90.1	90.2	99.7	24.4	24.9	97.2
J3	5.8	5.7	87.9	90.7	90.6	100.3	22.9	23.8	91.2
O3	8.2	8.4	124.2	89.8	89.8	99.3	26.4	27.0	105.2
V3	6.4	6.4	97.0	90.7	90.8	100.3	26.1	26.5	104.0
J4	6.7	6.1	101.5	90.4	90.7	100.0	23.8	24.7	94.8
U4	6.9	6.9	104.5	90.3	90.5	99.9	25.5	26.6	101.6
FKBG	6.7	6.6	101.5	90.4	90.4	100.0	24.8	25.1	98.8

NOTES A AND B ARE GIVEN IN APPENDIX.

TABLE XVII (CONT)

AVERAGES OF MILL QUALITY DATA FOR MAR-APR, 1987 - 90 LB KRAFT LINERBOARD

CODE	BURST PSIG			RING LB			STFI LB/IN		
	CUR. AV.	CUM. AV.	IND. #B	CUR. AV.	CUM. AV.	IND. #B	CUR. AV.	CUM. AV.	IND. #B
A1	154	157	89.5	184.5	176.6	120.4			
L1	162	165	94.2		145.5		44.8	44.4	105.2
N1	164	184	95.3				42.0	45.0	98.6
O1		168			142.5				
A2	196	186	114.0				41.0	43.5	96.2
X2	161	160	93.6				40.0	38.4	93.9
Y2	177	177	102.9	157.4	158.0	102.7	39.5	41.2	92.7
F3	188	162	109.3	194.0	134.0	126.6			
G3	175	177	101.7	143.0	147.8	93.3	38.3	39.8	89.9
J3	168	172	97.7	182.2	182.6	118.9	45.6	44.8	107.0
O3	181	175	105.2	149.0	140.7	97.2			
V3	163	166	94.8	152.0	144.5	99.2			
J4	173	173	100.6	121.0	123.2	79.0	37.0		86.8
U4	163	173	94.8		155.8		42.0	43.6	98.6
FKBG	171	172	99.4	160.4	153.2	104.7	41.1	42.6	96.5

NOTE B IS GIVEN IN APPENDIX.

TABLE XVIII

AVERAGES OF MILL QUALITY DATA FOR MAY-JUN, 1987 - 90 LB KRAET LINERBOARD

CODE	MOISTURE CONTENT			ADJ. BASIS WT. *A			CALIPER		
	CUR.	CUM.	IND.	CUR.	CUM.	IND.	CUR.	CUM.	IND.
	PERCENT			LB/M SQ FT			MILS		
A1	6.7	6.7	100.0	90.0	90.6	99.6	24.8	25.5	98.8
L1	6.0	6.2	89.6	90.3	90.2	99.9	24.0	24.1	95.6
N1	6.9	6.9	103.0	90.3	90.4	99.9	23.8	24.4	94.8
Q1	6.0	6.0	85.1	91.4	90.7	101.1	24.3	25.8	96.8
A2	5.7	6.1	85.1	90.5	90.8	100.3	25.1	24.0	100.0
X2	6.9	7.2	103.0	90.7	90.5	100.3	23.7	25.9	95.6
Y2	6.9	6.9	103.0	90.0	90.0	99.6	24.0	23.7	94.4
F3	6.8	6.8	98.5	90.2	90.4	99.8	23.7	25.1	94.4
G3	6.6	6.6	98.5	90.2	90.2	100.2	23.6	24.8	94.0
J3	5.7	5.7	85.1	90.6	90.7	100.2	26.6	23.8	106.0
O3	8.0	8.4	119.4	89.8	89.8	99.3	26.6	26.8	99.6
V3	7.0	6.4	104.5	89.9	90.6	99.4	25.0	26.5	94.4
J4	6.6	6.3	98.5	90.5	90.6	100.1	23.7	24.5	94.4
U4	7.0	7.0	90.5	90.5	90.5	99.9	24.4	26.7	97.2
FKBG	6.6	6.7	98.5	90.3	90.4	99.9	24.4	25.1	97.2

NOTES A AND B ARE GIVEN IN APPENDIX.

TABLE XVIII (CONT)

AVERAGES OF MILL QUALITY DATA FOR MAY-JUN, 1987 - 90 LB KRAFT LINERBOARD

CODE	BURST PSIG			RING LB			STFI LB/IN		
	CUR. AV.	CUM. AV.	IND. =B	CUR. AV.	CUM. AV.	IND. =B	CUR. AV.	CUM. AV.	IND. =B
A1	154	157	89.5	171.5	177.3	111.2			
L1	165	165	95.9		143.2		44.6	44.6	106.7
N1	188	180	109.3				46.0	43.5	110.0
Q1		168			142.5				
A2	191	188	111.0				40.2	42.2	96.2
X2	169	160	98.2				40.8	39.2	97.6
Y2	178	177	103.5	159.2	156.6	103.2	40.8	40.6	97.6
F3		175			164.0				
G3	177	177	102.9	156.0	146.5	101.2	41.6	39.0	99.5
J3	172	172	100.0	184.7	183.5	119.8	46.5	45.2	111.2
O3	178	175	103.5	157.0	143.5	101.8			
V3	165	166	95.9	160.0	145.2	103.8			
J4	170	173	98.8	154.0	121.2	99.9	41.1	37.0	98.3
U4		173			159.0			42.8	
FK8G	173	172	100.6	163.2	154.2	105.8	42.7	41.8	102.2

NOTE B IS GIVEN IN 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 factors, machine indexes, and F.K.B.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 the 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.


TABLE XIX

DATA ON CONDITIONING AND TESTING ENVIRONMENTS

JAN-FEB, MAR-APR, MAY-JUN, 1986


Code	Conditioning Environment			RH, %	Testing Environment	
	Are Quality Samples Conditioned Before Testing?	Time	Procedure Temp., °F		Are Quality Samples Tested Under Controlled Conditions of Temperature & Humidity?	
A1	No	--	--	--	No	
C1	No	--	--	--	No	
D1	No	--	--	--	Yes: 73 ± 3°F; 50 ± 1% RH	
H1	No	--	--	--	No	
I1	No	--	--	--	Yes: 72 ± 3°F; 50 ± 2% RH	
K1	Yes	10 min	70	50	Yes: 70 ± 4°F; 50 ± 5% RH	
L1	Yes	10 min	70	50	Yes: 70 ± 4°F; 50 ± 5% RH	
M1	No	10 min	--	--	Yes: 73 ± 3°F; 50 ± 3% RH	
N1	No	--	--	--	Yes: 73°F; 50% RH	
O1	No	--	--	--	Yes: 70 ± 2°F; 50 ± 2% RH	
P1	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH	
Q1	No	--	--	--	Yes: 72 ± 3°F; 50 ± 2% RH	
S1	No	--	--	--	Yes: 72 ± 2°F; 50 ± 2% RH	
U1	No data was submitted for this period	--	--	--	Yes: 72 ± 2°F; 50 ± 2% RH	
Z1	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH	
A2	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH	
D2	No	--	--	--	Yes: 73°F; 50% RH	
K2	No	--	--	--	Yes: 72 ± 5°F; 50 ± 5% RH	
S2	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH	
Z2	No	--	--	--	No	
U2	No	--	--	--	Yes: 72 ± 3°F; 50 ± 2% RH	
V2	Yes	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH	
W2	Yes	10 min	--	--	Yes: 72 ± 2°F; 50 ± 2% RH	
X2	No	--	--	--	Yes: 72 ± 5°F; 50 ± 5% RH	
Y2	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH	
B3	No	--	--	--	Yes: 73 ± 3.5°F; 50 ± 2% RH	
F3	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH	
G3	No	--	--	--	Yes: 72 ± 2°F; 50 ± 1% RH	
I3	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH	
J3	No	10 min	--	--	Yes: 73 ± 3°F; 50 ± 3% RH	
K3	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH	
O3	No	--	--	--	Yes: 70 ± 2°F; 50 ± 2% RH	
P3	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH	
Q3	Yes	15 min	--	--	Yes: 73 ± 2°F; 50 ± 1% RH	
R3	No	--	--	--	Yes: 73 ± 3.5°F; 50 ± 2% RH	
T3	No	--	--	--	Yes: 73°F; 50% RH	
U3	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH	
V3	Yes	10 min	--	--	Yes: 72 ± 2°F; 50 ± 2% RH	
W3	No	--	--	--	Yes: 73 ± 3.5°F; 50 ± 2% RH	
X3	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH	
Y3	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH	
C4	No	--	--	--	No	
D4	No	--	--	--	No	
I4	No	--	--	--	No	
J4	No	--	--	--	Yes: 73°F; 50% RH	
L4	No	--	--	--	Yes: 72 ± 3°F; 50 ± 2% RH	
O4	No data submitted for this period	--	--	--	No	
P4	No	--	--	--	Yes: 75 ± 2°F; 50 ± 2% RH	
Q4	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH	
R4	Yes	--	--	--		
T4	Yes	10 min	70	50	Yes: 70 ± 4°F; 50 ± 5% RH	
U4	Yes	7 min	--	--	Yes: 73 ± 2°F; 50 ± 2% RH	
V4	No	--	--	--	Yes: 73 ± 3.5°F; 50 ± 2% RH	

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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 F.K.B.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 of 7.8%:

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

Note B: Machine index (%) = $\left[\frac{\text{Current machine average}}{\text{Cumulative F.K.B.G. average}} \right] \cdot 100$ where

$$\text{Cumulative F.K.B.G. average} = \sum \frac{\text{CFKBGA's}^b \text{ for previous 6 periods} \\ \text{excluding CFKBGA for current period}}{6}$$

F.K.B.G. index (%) = $\left[\frac{\text{Current F.K.B.G. average}}{\text{Cumulative F.K.B.G. average}} \right] \cdot 100$ where

$$\text{Current F.K.B.G. average} = \sum \frac{\text{CMA's}^a \text{ for current period} \\ \text{for all machines}}{\text{Number of machines}}$$

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

^bCFKBGA = current F.K.B.G. average for a specific physical property of a specific linerboard grade weight obtained during a given period.

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