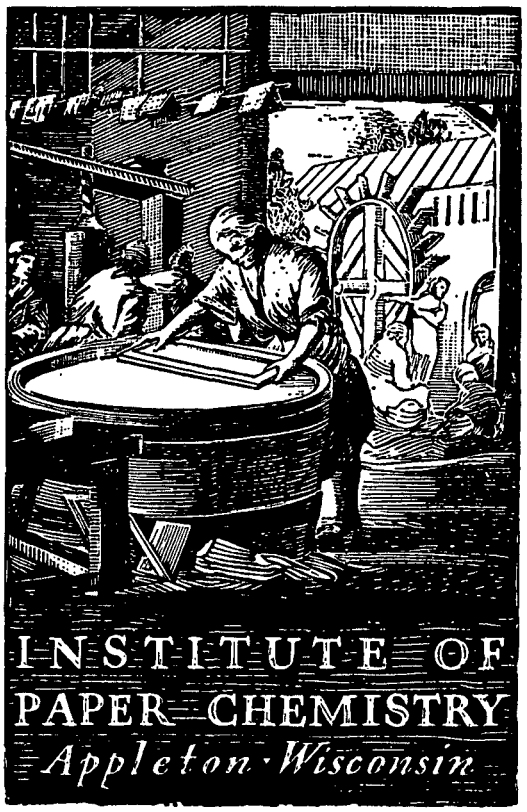

BASE-LINE

2nd Quarter, 1985

CONTINUOUS BASE-LINE STUDY (MODIFIED)
(MILL LINERBOARD DATA FOR APRIL, MAY, JUNE, 1985)

Project 2694-1

Report Ninety-Six
A Progress Report
to
FOURDRINIER KRAFT BOARD GROUP
OF THE
AMERICAN PAPER INSTITUTE

September 1, 1985

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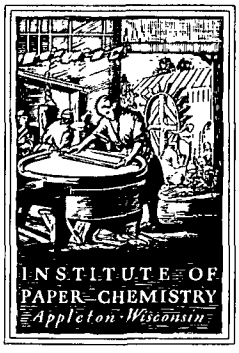

THE INSTITUTE OF PAPER CHEMISTRY
Post Office Box 1039
Appleton, Wisconsin 54912
Phone: 414/734-9251
Telex: 469289

September 1, 1985

Project 2694-1

Dear Sir:

We are enclosing a copy of the following report to the Fourdrinier Kraft Board Group of the American Paper Institute:

Report Ninety-Six, Project 2694-1 a progress report entitled, "Continuous Baseline Study (Modified); Mill Linerboard Data for April, May, June, 1985" dated September 1, 1985

The code identities for paper machines in your company from which data were submitted for evaluation are given on the inside of the front cover of this report.

Sincerely,

Roger H. Van Eperen

Roger H. Van Eperen
Manager, Materials Testing Laboratory
Paper Materials Division

RHV/les
Enclosure

THE INSTITUTE OF PAPER CHEMISTRY

Appleton, Wisconsin

CONTINUOUS BASE-LINE STUDY (MODIFIED)
(MILL LINERBOARD DATA FOR APRIL, MAY, JUNE, 1985)

Project 2694-1

Report Ninety-Six

A Progress Report

to

FOURDRINIER KRAFT BOARD GROUP

OF THE

AMERICAN PAPER INSTITUTE

September 1, 1985

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THE INSTITUTE OF PAPER CHEMISTRY

Appleton, Wisconsin

CONTINUOUS BASE-LINE STUDY (MODIFIED)
(MILL LINERBOARD DATA FOR APRIL, MAY, JUNE, 1985)

SUMMARY

PART I: SUMMARY OF MOISTURE CONTENT DATA (MAR-JUN, 1985)

Linerboard Grade Wt.		Moisture Content MAR	APR	MAY	JUN
26 Lb	Max.	6.3	6.5	6.6	6.7
	Min.	3.3	3.6	3.5	3.6
	Ave.	5.2(17)	5.3(20)	5.2(20)	5.2(17)
33 Lb	Max.	6.4	6.3	6.8	6.9
	Min.	4.4	4.3	4.4	3.7
	Ave.	5.6(23)	5.4(26)	5.5(24)	5.4(24)
38 Lb	Max.	6.6	6.5	6.4	6.4
	Min.	4.9	4.9	5.1	3.7
	Ave.	5.7(17)	5.8(16)	5.6(16)	5.4(16)
42 Lb	Max.	6.6	6.6	6.6	6.6
	Min.	4.8	4.7	4.7	4.5
	Ave.	5.8(38)	5.8(39)	5.8(38)	5.8(38)
69 Lb	Max.	7.4	7.1	7.0	7.2
	Min.	5.0	5.5	4.9	4.5
	Ave.	6.2(31)	6.2(29)	6.2(29)	6.1(27)
90 Lb	Max.	7.3	7.2	8.5	8.3
	Min.	5.5	5.6	5.3	5.6
	Ave.	6.3(13)	6.4(12)	6.6(12)	6.5(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 (MAR-JUN, 1985)

Linerboard Grade Wt.		Adjusted Basis Weight, lb/M sq ft			
		MAR	APR	MAY	JUN
26 Lb	Max.	26.5	27.3	27.5	28.4
	Min.	26.1	25.9	25.7	25.7
	Ave.	26.5(17)	26.4(20)	26.4(20)	26.4(17)
33 Lb	Max.	34.2	34.0	34.0	34.7
	Min.	32.5	32.6	32.7	32.5
	Ave.	33.3(23)	33.3(26)	33.3(24)	33.4(24)
38 Lb	Max.	40.6	39.4	39.4	41.9
	Min.	37.8	38.0	38.0	37.8
	Ave.	38.6(17)	38.4(16)	38.5(16)	38.5(16)
42 Lb	Max.	43.0	43.0	43.1	43.2
	Min.	41.6	41.5	41.6	41.5
	Ave.	42.3(38)	42.3(39)	42.3(38)	42.3(38)
69 Lb	Max.	71.1	70.7	69.9	70.1
	Min.	67.6	68.0	68.5	67.9
	Ave.	69.4(31)	69.4(29)	69.4(29)	69.4(27)
90 Lb	Max.	93.3	91.9	91.5	91.2
	Min.	89.8	89.7	90.1	89.6
	Ave.	90.6(13)	90.5(12)	90.7(12)	90.5(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 (MAR-JUN, 1985)

Linerboard Grade Wt.		Caliper, pt. MAR	APR	MAY	JUN
26 Lb	Max.	9.2	9.0	9.0	9.0
	Min.	7.4	7.5	7.3	6.9
	Ave.	8.0(17)	8.0(20)	8.0(20)	7.9(17)
33 Lb	Max.	11.0	11.9	10.8	11.0
	Min.	8.1	8.8	8.8	8.6
	Ave.	9.8(22)	10.0(25)	9.9(23)	9.8(23)
38 Lb	Max.	12.5	12.6	11.7	11.9
	Min.	9.2	9.6	9.0	9.2
	Ave.	11.0(14)	11.0(15)	10.9(15)	10.9(14)
42 Lb	Max.	13.9	13.4	12.9	13.5
	Min.	10.3	10.4	10.4	10.4
	Ave.	11.9(37)	11.9(38)	11.8(37)	11.8(37)
69 Lb	Max.	21.5	21.6	21.3	20.4
	Min.	17.1	17.1	17.0	16.9
	Ave.	19.5(30)	19.4(28)	19.4(28)	19.2(26)
90 Lb	Max.	28.1	27.3	26.6	27.2
	Min.	21.4	23.2	22.6	22.2
	Ave.	25.3(13)	24.8(12)	25.1(12)	25.4(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 (MAR-JUN, 1985)

Linerboard Grade Wt.		Bursting Strength, psig			
		MAR	APR	MAY	JUN
26 Lb	Max.	91	83	88	85
	Min.	66	66	66	62
	Ave.	74(17)	72(20)	72(20)	72(17)
33 Lb	Max.	100	101	101	98
	Min.	79	77	78	77
	Ave.	86(23)	87(26)	86(24)	87(24)
38 Lb	Max.	108	112	110	108
	Min.	89	91	92	91
	Ave.	98(17)	99(16)	100(16)	100(16)
42 Lb	Max.	123	127	119	122
	Min.	99	97	98	98
	Ave.	106(38)	107(39)	106(38)	106(38)
69 Lb	Max.	159	173	166	163
	Min.	133	136	133	131
	Ave.	143(31)	144(29)	144(29)	144(27)
90 Lb	Max.	196	201	191	193
	Min.	153	158	153	154
	Ave.	170(13)	175(12)	170(12)	172(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
(MAR-JUN, 1985)

Linerboard Grade Wt.		CD Ring Crush, lb MAR	APR	MAY	JUN
26 Lb	Max.	48.0	52.0	61.0	55.0
	Min.	30.0	29.0	29.0	28.0
	Ave.	38.6(10)	39.2(14)	40.4(15)	37.8(12)
33 Lb	Max.	64.0	68.0	68.0	66.0
	Min.	35.0	41.0	41.0	44.0
	Ave.	54.2(14)	54.5(19)	55.7(17)	54.6(16)
38 Lb	Max.	74.0	76.0	80.0	79.0
	Min.	54.0	56.0	55.0	56.0
	Ave.	66.1(12)	68.1(12)	66.6(14)	65.2(14)
42 Lb	Max.	82.0	94.0	93.0	89.0
	Min.	52.0	60.0	62.0	57.0
	Ave.	72.8(25)	73.7(31)	74.4(31)	73.0(30)
69 Lb	Max.	139.0	130.0	133.0	137.0
	Min.	97.0	100.7	93.0	107.0
	Ave.	118.1(22)	116.7(23)	118.3(23)	117.4(23)
90 Lb	Max.	174.0	171.0	174.0	176.0
	Min.	136.0	139.0	129.0	138.0
	Ave.	155.0(10)	151.9(10)	154.5(10)	158.3(10)

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

INTRODUCTION

The continuous base-line study (modified) is a compilation of monthly 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, and CD ring crush 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 month: 26, 33, 38, 42, 69, and 90 lb. At the Institute, the as-reported basis weight, corresponding to the as-reported moisture content, is adjusted to a moisture content of 7.8%. Both the as-reported and the adjusted basis weight averages are included in the report. Note that the moisture content at the as-reported basis weight (not shown in Tables) does not necessarily agree with the moisture content indicated in the report as measured at the reel. This is because some mills measure their basis weight at other than reel or standard conditions. The as-reported basis weight is included in the tables for reference only and should not be used for comparison purposes.

PRESENTATION OF DATA

For the six major grade weights of linerboard referred to earlier, mill test averages for moisture content, basis weight (reported and adjusted), caliper, bursting strength, and CD ring crush are compiled in the following tables.

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

TABLE I

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 26 LB FOURDRINIER KRAFT LINERBOARD

APRIL, 1985

	MOISTURE CONTENT, PERCENT				BASIS WT., LB / M SQ FT				ADJ. BASIS WT.,*A LB / M SQ FT				CALIPER, PT				BURSTING STRENGTH, P S I G			
	MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA			
CODE	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
H1	6.3	6.0	105.0	126.0	25.5	25.6	99.6	97.7	25.9	26.1	99.2	97.4	7.7	8.0	96.2	97.5	72	70	102.8	100.0
J1	5.3	4.9	108.2	106.0	26.4	26.3	100.4	101.1	26.5	26.4	100.4	99.6	8.2	8.0	102.5	103.8	67	67	100.0	93.0
L1	4.7	5.0	94.0	94.0	25.6	25.5	100.4	98.1	26.5	26.3	100.8	99.6	8.3	8.0	103.8	105.1	82	79	103.8	113.9
N1	3.8	3.5	108.6	76.0	25.4	25.5	99.6	97.3	26.5	26.7	99.2	99.6	8.7	8.7	100.0	110.1	70	69	101.4	97.2
O1		5.3				25.8				26.5				7.4				78		
Y1	6.1	6.0	101.7	122.0	26.3	26.2	100.4	100.8	26.4	26.2	100.8	99.2	8.2	8.0	102.5	103.8	68	72	94.4	94.4
F2	6.0	5.9	101.7	120.0	26.0	26.1	99.6	99.6	26.1	26.2	99.6	98.1	8.0	7.6	105.3	101.3	69	68	101.5	95.8
L2	3.6	3.4	105.9	72.0	26.1	27.1	96.3	100.0	27.3	28.4	96.1	102.6	7.5	7.4	101.4	94.9	76	76	97.4	102.8
N2	5.4			108.0	25.7			98.5	25.9			97.4	8.4			106.3	68			94.4
S2	3.6	3.9	92.3	72.0	26.5	26.4	100.4	101.5	26.6	26.6	100.0	100.0	8.5	8.4	101.2	107.6	83	84	98.8	115.3
W2	5.6	5.8	96.6	112.0	26.1	26.0	100.4	100.0	26.3	26.2	100.4	98.9	9.0	8.6	104.6	113.9	66	66	100.0	91.7
Y2	6.5	6.5	100.0	130.0	26.0	26.0	100.0	99.6	26.1	26.0	100.4	98.1	8.0	7.6	105.3	101.3	70	66	106.1	97.2
E3	5.6	5.1	109.8	112.0	25.7	26.4	97.3	98.5	26.3	27.1	97.0	98.9	8.0	7.9	101.3	101.3	77	86	89.5	106.9
I3	5.8	5.9	98.3	116.0	26.0	26.0	100.0	99.6	26.1	26.1	100.0	98.1	7.9	7.7	102.6	100.0	75	76	98.7	104.2
R3	3.8	4.0	95.0	76.0	25.5	25.8	98.8	97.7	26.6	26.8	99.2	100.0	7.7	7.7	100.0	97.5	72	71	101.4	100.0
S3	5.0	5.0	100.0	100.0	26.0	26.0	100.0	99.6	26.1	26.1	100.0	98.1	7.8	8.0	97.5	98.7	67	70	95.7	93.0
U3		5.2				26.0				26.8				8.1				76		
W3	6.5	6.0	108.3	130.0	26.0	26.0	100.0	99.6	26.1	26.1	100.0	98.1	7.9	7.8	101.3	100.0	66	64	103.1	91.7
B4	5.0	4.6	108.7	100.0	26.0	26.3	98.8	99.6	26.8	27.2	98.5	100.8	7.9	8.2	96.3	100.0	74	76	97.4	102.8
E4	5.7	5.4	105.6	114.0	25.7	25.9	99.2	98.5	26.3	26.6	98.9	98.9	7.6	7.7	98.7	96.2	68	68	100.0	94.4
H4	6.1	5.9	103.4	122.0	26.3	25.9	101.5	100.8	26.8	26.5	101.1	100.8	7.7	7.7	100.0	97.5	75	68	110.3	104.2
I4	5.0	5.0	100.0	100.0	26.0	26.0	100.0	99.6	26.1	26.2	99.6	98.1	7.9	7.9	100.0	100.0	68	72	94.4	94.4
M4		5.2				25.7				26.4				7.2				72		
O4		4.4				25.3				26.2				7.8				80		

FKBG DATA																
CUR. AV.	5.3				25.9				26.4				8.0			
CUM. AV.	5.0				26.1				26.6				7.9			
IND. *D	106.0				99.2				99.2				101.3			

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE II

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 26 LB FOURDRINIER KRAFT LINERBOARD

MAY, 1985

	MOISTURE CONTENT, PERCENT				BASIS WT., LB / M SQ FT				ADJ. BASIS WT.,*A LB / M SQ FT				CALIPER, PT				BURSTING STRENGTH, P S I G			
	MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA			
CODE	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
H1	6.2	6.0	103.3	121.6	25.3	25.6	98.8	96.9	25.7	26.0	98.8	96.6	8.0	8.0	100.0	101.3	72	71	101.4	100.0
J1	5.2	5.0	104.0	102.0	26.1	26.3	99.2	100.0	26.2	26.4	99.2	98.5	7.9	8.0	98.8	100.0	69	67	103.0	95.8
L1	4.8	4.9	98.0	94.1	25.1	25.5	98.4	96.2	25.9	26.3	98.5	97.4	7.6	8.0	95.0	96.2	79	79	100.0	109.7
N1	3.5	3.5	100.0	68.6	25.3	25.4	99.6	96.9	26.5	26.6	99.6	99.6	8.4	8.6	97.7	106.3	70	69	101.4	97.2
O1		5.3				25.8				26.5				7.4				78		
Y1	6.1	6.0	101.7	119.6	26.2	26.2	100.0	100.4	26.3	26.3	100.0	98.9	8.0	8.1	98.8	101.3	69	71	97.2	95.8
F2	6.2	5.9	105.1	121.6	26.1	26.1	100.0	100.0	26.2	26.2	100.0	98.5	8.5	7.7	110.4	107.6	67	68	98.5	93.0
L2	3.9	3.5	111.4	76.5	26.4	27.1	97.4	101.1	27.5	28.3	97.2	103.4	7.3	7.4	98.6	92.4	72	76	94.7	100.0
N2	5.5	5.4	101.8	107.8	25.8	25.7	100.4	98.8	26.0	25.9	100.4	97.7	8.4	8.4	100.0	106.3	68	68	100.0	96.4
S2	3.6	3.9	92.3	70.6	26.3	26.4	99.6	100.8	26.4	26.5	99.6	99.2	8.4	8.4	100.0	106.3	88	84	104.8	122.2
H2	5.8	5.8	100.0	113.7	26.0	26.0	100.0	99.6	26.2	26.2	100.0	98.5	9.0	8.7	103.4	113.9	66	66	100.0	91.7
Y2	6.6	6.4	103.1	129.4	26.0	26.0	100.0	99.6	26.1	26.0	100.4	98.1	7.7	7.6	101.3	97.5	66	66	100.0	91.7
E3	4.4	5.1	86.3	86.3	25.8	26.3	98.1	98.8	26.8	27.1	98.9	100.8	8.2	7.9	103.8	103.8	78	85	91.8	108.3
I3	5.9	5.9	100.0	115.7	26.0	26.0	100.0	99.6	26.1	26.1	100.0	98.1	7.7	7.8	98.7	97.5	76	76	100.0	105.6
R3	3.9	4.0	97.5	76.5	25.6	25.7	99.6	98.1	26.7	26.8	99.6	100.4	7.5	7.7	97.4	94.9	73	72	101.4	101.4
S3	5.0	5.0	100.0	98.0	26.0	26.0	100.0	99.6	26.1	26.1	100.0	98.1	7.8	8.0	97.5	98.7	67	69	97.1	93.0
U3		5.3				26.1				26.8				8.2				76		
H3		6.2				26.0				26.1				7.8				65		
B4	5.0	4.7	106.4	98.0	26.1	26.2	99.6	100.0	26.9	27.1	99.3	101.1	7.4	8.1	91.4	93.7	74	76	97.4	102.8
E4	5.9	5.4	109.2	115.7	26.2	25.9	101.2	100.4	26.8	26.5	101.1	100.8	7.7	7.7	100.0	97.5	66	68	97.0	91.7
H4	6.2	5.9	105.1	121.6	26.2	26.0	100.8	100.4	26.6	26.6	100.0	100.0	7.6	7.7	98.7	96.2	75	68	110.3	104.2
I4	5.0	5.0	100.0	98.0	26.0	26.0	100.0	99.6	26.1	26.2	99.6	98.1	7.9	8.0	98.8	100.0	68	72	94.4	94.4
M4		5.2				25.7				26.4				7.3				73		
O4	4.5	4.4	102.3	88.2	25.2	25.3	99.6	96.6	26.1	26.2	99.6	98.1	9.0	7.8	115.4	113.9	76	80	95.0	105.6
FKBG DATA																				
CUR. AV.	5.2				25.9				26.4				8.0				72			
CUM. AV.	5.1				26.1				26.6				7.9				72			
IND. *D	102.0				99.2				99.2				101.3				100.0			

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE III

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 26 LB FOURDRINIER KRAFT LINERBOARD

JUNE, 1965

	MOISTURE CONTENT, PERCENT				BASIS WT., LB / M SQ FT				ADJ. BASIS WT., *A LB / M SQ FT				CALIPER, PT				BURSTING STRENGTH, P S I G			
	MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA			
CODE	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
H1	5.9	6.1	96.7	115.7	25.4	25.6	99.2	97.7	25.9	26.0	99.6	97.4	8.0	8.0	100.0	100.0	69	71	97.2	95.8
J1	5.0	5.0	100.0	98.0	26.3	26.3	100.0	101.2	26.4	26.4	100.0	99.2	8.2	8.0	102.5	102.5	68	67	101.5	94.4
L1	5.2	4.9	106.1	102.0	25.6	25.5	100.4	98.5	26.3	26.3	100.0	98.9	8.0	8.1	98.8	100.0	80	79	101.3	111.1
N1		3.5				25.4				26.6				8.6				70		
O1		5.3				25.8				26.5				7.4				78		
Y1	6.1	6.0	101.7	119.6	26.3	26.2	100.4	101.2	26.4	26.3	100.4	99.2	8.2	8.1	101.2	102.5	71	71	100.0	98.6
F2	5.2	5.9	88.1	102.0	26.1	26.1	100.0	100.4	26.2	26.2	100.0	98.5	8.0	7.8	102.6	100.0	67	68	98.5	93.0
L2	3.9	3.6	108.3	76.5	27.3	27.0	101.1	105.0	28.4	28.2	100.7	106.8	6.9	7.4	93.2	86.2	77	76	101.3	106.9
N2	5.2	5.4	96.3	102.0	25.5	25.8	98.8	98.1	25.7	26.0	98.8	96.6	6.6	8.4	102.4	107.5	71	68	104.4	98.6
S2	3.6	3.9	92.3	70.6	26.3	26.4	99.6	101.2	26.4	26.5	99.6	99.2	8.5	8.4	101.2	106.2	85	85	100.0	118.0
W2	5.7	5.8	98.3	111.8	26.0	26.0	100.0	100.0	26.2	26.2	100.0	98.5	9.0	8.8	102.3	112.5	62	66	93.9	86.1
Y2	6.7	6.4	104.7	131.4	25.9	26.0	99.6	99.6	26.0	26.0	100.0	97.7	7.7	7.6	101.3	96.2	64	66	97.0	88.9
E3	5.0	5.0	100.0	98.0	26.0	26.3	98.8	100.0	26.8	27.0	99.2	100.8	7.9	8.0	98.8	98.8	76	84	90.5	105.6
I3	5.8	5.9	98.3	113.7	25.9	26.0	99.6	99.6	26.0	26.1	99.6	97.7	7.7	7.8	98.7	96.2	78	76	102.6	108.3
R3	4.1	4.0	102.5	80.4	25.5	25.7	99.2	98.1	26.5	26.8	98.9	99.6	7.6	7.7	98.7	95.0	75	72	104.2	104.2
S3		5.0				26.0				26.1				7.9				69		
U3		5.2				26.0				26.8				8.0				76		
W3		6.2				26.0				26.1				7.8				65		
B4		4.8				26.2				27.1				8.0				76		
E4	5.5	5.5	100.0	107.8	25.7	25.9	99.2	98.8	26.3	26.5	99.2	98.9	7.4	7.7	96.1	92.5	70	67	104.5	97.2
H4	6.2	5.9	105.1	121.6	26.0	26.1	99.6	100.0	26.4	26.6	99.2	99.2	7.5	7.7	97.4	93.8	70	69	101.4	97.2
I4	5.0	5.0	100.0	98.0	26.0	26.0	100.0	100.0	26.1	26.2	99.6	98.1	7.7	8.0	96.2	96.2	70	72	97.2	97.2
M4		5.2				25.7				26.4				7.3				73		
O4		4.4				25.2				26.2				8.4				78		
R4	4.4			86.3	25.3			97.3	26.2			98.5	7.6			95.0	78			108.3
FKBG DATA																				
CUR. AV.	5.2				25.9				26.4				7.9				72			
CUM. AV.	5.1				26.0				26.6				8.0				72			
IND. *D	102.0				99.6				99.2				98.8				100.0			

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE IV

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 26 LB FOURDRINIER KRAFT LINERBOARD

RING COMPRESSION, LBS.

	APRIL, 1985				MAY, 1985				JUNE, 1985			
	MACHINE DATA				MACHINE DATA				MACHINE DATA			
	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
H1	35.0	34.0	102.9	93.1	36.0	34.0	105.9	95.2	34.0	34.3	99.1	89.2
J1												
L1												
N1	39.0	37.6	103.7	103.7	39.0	37.8	103.2	103.2		38.0		
O1		36.0				36.0				36.0		
Y1	44.0	43.0	102.3	117.0	43.0	43.8	98.2	113.8	45.0	44.4	101.4	118.1
F2	40.0			106.4	36.0	40.0	90.0	95.2	39.0	38.0	102.6	102.4
L2	52.0	48.8	106.6	138.3	49.0	49.0	100.0	129.6	55.0	48.9	112.5	144.6
N2	38.0			101.1	40.0	38.0	105.3	105.8	34.0	39.0	87.2	89.2
S2	40.0	36.0	111.1	106.4	39.0	36.6	106.6	103.2	40.0	37.1	107.8	105.0
W2	35.0	37.4	93.6	93.1	38.0	37.0	102.7	100.5	33.0	36.8	89.7	86.6
Y2												
E3												
I3	42.0	41.0	102.4	111.7	40.0	41.3	96.8	105.8	39.0	41.0	95.1	102.4
R3	36.4	35.4	102.8	96.8	37.1	35.6	104.2	98.1	38.3	35.7	107.3	100.5
S3	29.0	31.2	92.9	77.1	29.0	30.8	94.2	76.7		30.2		
U3		45.0				45.0				45.0		
W3												
B4	51.0			135.6	53.0	51.0	103.9	140.2		52.0		
E4		49.0				49.0				49.0		
H4	38.0	36.2	105.0	101.1	37.0	37.0	100.0	97.9	38.0	37.0	102.7	99.7
I4	29.0	30.4	95.4	77.1	29.0	30.3	95.7	76.7	28.0	30.2	92.7	73.5
M4		31.1				30.1				30.1		
O4		34.0			61.0	34.0	179.4	161.4		47.5		
R4									31.0			81.4

FKBG DATA

CUR. AV.	39.2				40.4				37.8			
CUM. AV.	37.6				37.8				38.1			
IND. *D	104.2				106.9				99.2			

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE V

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 33 LB FOURDRINIER KRAFT LINERBOARD

APRIL, 1985

	MOISTURE CONTENT, PERCENT				BASIS WT., LB / M SQ FT				ADJ. BASIS WT., *A LB / M SQ FT				CALIPER, PT				BURSTING STRENGTH, P S I G			
	MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA			
CODE	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
D1	4.6			85.2	32.0			97.6	33.1			99.1	11.0			111.1	85			98.8
H1	6.1	6.0	101.7	113.0	32.1	31.9	100.6	97.9	32.7	32.5	100.6	97.9	9.8	9.9	99.0	99.0	79	82	96.3	91.9
J1	5.8	5.4	107.4	107.4	33.3	33.3	100.0	101.5	33.4	33.4	100.0	100.0	10.3	9.9	104.0	104.0	80	82	97.6	93.0
K1	5.8	5.8	100.0	107.4	33.0	33.1	99.7	100.6	33.1	33.2	99.7	99.1					85	81	104.9	98.8
L1	5.6	5.6	100.0	103.7	32.3	32.2	100.3	98.5	33.1	33.0	100.3	99.1	10.1	10.4	97.1	102.0	99	98	101.0	115.1
M1		4.6				32.3				33.4				9.5				83		
N1		4.4				32.4				33.6				10.7				88		
O1	5.5	5.5	100.0	101.8	32.5	32.4	100.3	99.1	33.3	33.2	100.3	99.7	9.2	9.4	97.9	92.9	89	88	101.1	103.5
T1		4.6				32.5				32.8				9.9				83		
Y1	6.0	6.0	100.0	111.1	33.3	33.2	100.3	101.5	33.4	33.2	100.6	100.0	10.4	10.2	102.0	105.0	84	85	98.8	97.7
Z1	4.6			85.2	32.4			98.8	33.5			100.3	10.3			104.0	92			107.0
F2	6.2	6.0	103.3	114.8	33.0	33.1	99.7	100.6	33.2	33.3	99.7	99.4	10.1	9.8	103.1	102.0	83	83	100.0	96.5
L2	4.3	4.1	104.9	79.6	32.4	33.0	98.2	98.8	33.6	34.3	98.0	100.6	8.8	9.0	97.8	88.9	66	86	100.0	100.0
M2		5.4				33.0				33.3				10.0				81		
N2	5.3	5.0	106.0	98.1	32.3	32.6	99.1	98.5	32.6	32.9	99.1	97.6	10.5	10.4	101.0	106.1	92	87	105.7	107.0
U2	4.5	4.6	97.8	83.3	32.4	32.4	100.0	98.8	33.6	33.6	100.0	100.6	10.8	11.2	96.4	109.1	85	87	97.7	98.8
W2	5.9	5.8	101.7	109.2	33.0	32.9	100.3	100.6	33.3	33.2	100.3	99.7	10.9	10.4	104.8	110.1	79	80	98.8	91.9
X2	4.9	4.9	100.0	90.7	33.2	33.1	100.3	101.2	33.3	33.2	100.3	99.7	9.9	10.1	98.0	100.0	94	91	103.3	109.3
Y2	6.2	6.5	95.4	114.8	33.0	32.9	100.3	100.6	33.1	33.0	100.3	99.1	10.2	10.0	102.0	103.0	86	87	98.8	100.0
E3	6.0	5.1	117.6	111.1	32.6	33.2	98.2	99.4	33.3	34.2	97.4	99.7	9.8	9.8	100.0	99.0	97	102	95.1	112.8
I3	5.8	5.8	100.0	107.4	33.0	33.0	100.0	100.6	33.1	33.1	100.0	99.1	9.6	9.7	99.0	97.0	93	94	98.9	108.1
R3	4.6	4.5	102.2	85.2	32.3	32.5	99.4	98.5	33.4	33.7	99.1	100.0	9.5	9.6	99.0	96.0	88	86	102.3	102.3
S3	5.0	5.0	100.0	92.6	33.0	33.0	100.0	100.6	33.1	33.1	100.0	99.1	9.3	9.8	94.9	93.9	80	84	95.2	93.0
U3		5.4				33.0				33.9				9.9				85		
V3		5.8				33.0				33.0				8.8				89		
W3	6.1	6.2	98.4	113.0	33.0	33.0	100.0	100.6	33.1	33.1	100.0	99.1	9.3	9.2	101.1	93.9	88	88	100.0	102.3
Z3		5.0				32.5				33.5				9.7				82		
B4	5.5	5.2	105.8	101.8	33.2	33.2	100.0	101.2	34.0	34.1	99.7	101.8	10.1	10.0	101.0	102.0	88	86	102.3	102.3
E4	5.3	5.7	93.0	98.1	32.9	32.8	100.3	100.3	33.8	33.5	100.9	101.2	9.9	10.0	99.0	100.0	77	81	95.1	89.5
H4	6.3	6.0	105.0	116.7	32.8	32.6	100.6	100.0	33.3	33.2	100.3	99.7	9.4	9.7	96.9	94.9	88	82	107.3	102.3
I4	5.0	5.0	100.0	92.6	33.0	33.0	100.0	100.6	33.1	33.1	100.0	99.1	10.2	10.1	101.0	103.0	82	84	97.6	95.3
M4		5.5				32.7				33.6				9.3				84		
O4	5.3	4.9	108.2	98.1	32.4	32.7	99.1	98.8	33.3	33.2	100.3	99.7	9.8	9.1	107.7	99.0	101	90	112.2	117.4
R4	5.2	5.5	94.5	96.3	32.2	32.7	98.5	98.2	33.1	33.5	98.8	99.1	9.6	9.5	101.0	97.0	83	92	90.2	96.5
FKBG DATA																				
CUR. AV.	5.4				32.7				33.3				10.0				87			
CUM. AV.	5.4				32.8				33.4				9.9				86			
IND. *D	100.0				99.7				99.7				101.0				101.2			

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE VI

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 33 LB FOURDRINIER KRAFT LINERBOARD

MAY, 1985

	MOISTURE CONTENT, PERCENT				BASIS WT., LB / M SQ FT				ADJ. BASIS WT.,*A LB / M SQ FT				CALIPER, PT				BURSTING STRENGTH, P S I G			
	MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA			
CODE	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
D1		4.6				32.0				33.1				11.0				85		
H1	6.0	6.0	100.0	111.1	32.1	32.0	100.3	97.9	32.7	32.6	100.3	97.9	10.1	9.9	102.0	102.0	82	81	101.2	95.3
J1	5.5	5.4	101.8	101.8	33.3	33.3	100.0	101.5	33.4	33.4	100.0	100.0	10.2	10.0	102.0	103.0	83	82	101.2	96.5
K1	5.8	5.8	100.0	107.4	33.0	33.1	99.7	100.6	33.1	33.2	99.7	99.1					80	82	97.6	93.0
L1	5.4	5.6	96.4	100.0	32.0	32.2	99.4	97.6	32.8	33.0	99.4	98.2	10.2	10.3	99.0	103.0	96	98	98.0	111.6
M1	6.4	4.6	139.1	118.5	32.7	32.3	101.2	99.7	33.2	33.4	99.4	99.4	9.0	9.5	94.7	90.9	87	83	104.8	101.2
N1		4.4				32.4				33.6				10.8				88		
O1	5.6	5.4	103.7	103.7	32.5	32.4	100.3	99.1	33.3	33.3	100.0	99.7	9.5	9.3	102.2	96.0	89	88	101.1	103.5
T1		4.6				32.5				32.8				9.9				83		
Y1	6.1	6.0	101.7	113.0	33.3	33.2	100.3	101.5	33.4	33.3	100.3	100.0	10.3	10.2	101.0	104.0	85	85	100.0	98.8
Z1		4.6				32.4				33.5				10.3				92		
F2	6.2	6.1	101.6	114.8	33.1	33.0	100.3	100.9	33.3	33.2	100.3	99.7	10.1	9.8	103.1	102.0	85	83	102.4	98.8
L2	4.6	4.2	109.5	85.2	32.0	32.9	97.3	97.6	33.1	34.2	96.8	99.1	8.8	9.0	97.8	88.9	85	86	98.8	98.8
M2		5.4				33.0				33.3				10.0				81		
N2	5.4	5.1	105.9	100.0	33.1	32.5	101.8	100.9	33.4	32.8	101.8	100.0	10.5	10.4	101.0	106.1	92	89	103.4	107.0
U2	4.4	4.5	97.8	81.5	32.3	32.4	99.7	98.5	33.5	33.6	99.7	100.3	10.7	11.2	95.5	108.1	85	86	98.8	98.8
W2	5.8	5.8	100.0	107.4	32.9	32.9	100.0	100.3	33.2	33.2	100.0	99.4	10.8	10.4	103.8	109.1	81	79	102.5	94.2
X2	4.9	4.9	100.0	90.7	33.3	33.1	100.6	101.5	33.4	33.2	100.6	100.0	9.9	10.1	98.0	100.0	95	92	103.3	110.5
Y2	6.8	6.4	106.2	125.9	32.9	32.9	100.0	100.3	33.0	33.0	100.0	98.8	10.2	10.0	102.0	103.0	85	87	97.7	98.8
E3		5.2				33.2				34.2				9.8				102		
I3		5.8				33.0				33.1				9.7				94		
J3	5.0			92.6	32.8			100.0	33.8			101.2	9.1			91.9	81			94.2
R3	4.7	4.6	102.2	87.0	32.6	32.5	100.3	99.4	33.7	33.7	100.0	100.9	9.6	9.6	100.0	97.0	89	86	103.5	103.5
S3	5.0	5.0	100.0	92.6	33.0	33.0	100.0	100.6	33.1	33.1	100.0	99.1	9.3	9.7	95.9	93.9	80	83	96.4	93.0
U3	5.5	5.4	101.8	101.8	33.0	33.0	100.0	100.6	33.8	33.9	99.7	101.2	9.9	9.9	100.0	100.0	81	86	94.2	94.2
V3		5.9				33.0				33.0				8.8				89		
W3		6.2				33.0				33.1				9.1				88		
Z3		5.0				32.5				33.5				9.7				82		
B4	5.2	5.2	100.0	96.3	33.1	33.2	99.7	100.9	34.0	34.1	99.7	101.8	10.2	10.0	102.0	103.0	84	86	97.7	97.7
E4	5.9	5.6	105.4	109.2	32.9	32.8	100.3	100.3	33.6	33.5	100.3	100.6	10.0	9.9	101.0	101.0	78	80	97.5	90.7
H4	6.4	6.0	106.7	118.5	32.6	32.6	100.0	99.4	33.1	33.2	99.7	99.1	9.3	9.7	95.9	93.9	89	83	107.2	103.5
I4	5.0	5.0	100.0	92.6	33.0	33.0	100.0	100.6	33.1	33.1	100.0	99.1	10.2	10.1	101.0	103.0	82	84	97.6	95.3
M4		5.4				32.8				33.6				9.3				85		
O4	5.0	5.0	100.0	92.6	31.8	32.6	97.5	97.0	32.8	33.2	98.8	98.2	9.8	9.1	107.7	99.0	99	93	106.4	115.1
R4	5.3	5.4	98.1	98.1	32.3	32.6	99.1	98.5	33.2	33.5	99.1	99.4	9.7	9.5	102.1	98.0	101	90	112.2	117.6
FKBG DATA																				
CUR. AV.	5.5				32.7				33.3				9.9				86			
CUM. AV.	5.4				32.8				33.4				9.9				86			
IND. *D	101.8				99.7				99.7				100.0				100.0			

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE VII

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 33 LB FOURDRINIER KRAFT LINERBOARD

JUNE, 1985

	MOISTURE CONTENT, PERCENT				BASIS WT., LB / M SQ FT				ADJ. BASIS WT.,*A LB / M SQ FT				CALIPER, PT				BURSTING STRENGTH, P S I G			
	MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA			
CODE	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
D1	3.7	4.6	80.4	68.5	33.2	32.0	103.8	101.2	34.7	33.1	104.8	103.9	9.8	11.0	89.1	99.0	87	85	102.4	101.2
H1	6.2	6.0	103.3	114.8	32.0	32.0	100.0	97.6	32.5	32.7	99.4	97.3	9.9	9.9	100.0	100.0	82	81	101.2	95.3
J1	5.4	5.4	100.0	100.0	33.2	33.3	99.7	101.2	33.3	33.4	99.7	99.7	10.1	10.0	101.0	102.0	81	82	98.8	94.2
K1	5.8	5.8	100.0	107.4	33.0	33.1	99.7	100.6	33.1	33.2	99.7	99.1					84	81	103.7	97.7
L1	5.4	5.5	98.2	100.0	32.0	32.2	99.4	97.6	32.8	33.0	99.4	98.2	10.1	10.3	98.0	102.0	97	97	100.0	112.8
M1	5.7	5.5	103.6	105.6	32.8	32.5	100.9	100.0	33.6	33.3	100.9	100.6	9.8	9.2	106.5	99.0	86	85	101.2	100.0
N1		4.4				32.4				33.6				10.8				88		
O1	5.9	5.4	109.2	109.2	32.5	32.4	100.3	99.1	33.2	33.3	99.7	99.4	9.6	9.3	103.2	97.0	93	88	105.7	108.1
T1		4.6				32.5				32.8				9.9				83		
Y1	6.2	6.0	103.3	114.8	33.3	33.2	100.3	101.5	33.4	33.3	100.3	100.0	10.1	10.3	98.0	102.0	86	85	101.2	100.0
Z1		4.6				32.4				33.5				10.3				92		
F2	6.0	6.1	98.4	111.1	33.1	33.1	100.0	100.9	33.3	33.3	100.0	99.7	9.7	9.8	99.0	98.0	84	84	100.0	97.7
L2	4.5	4.2	107.1	83.3	32.5	32.8	99.1	99.1	33.7	34.0	99.1	100.9	8.7	9.0	96.7	87.9	86	86	100.0	100.0
M2		5.4				33.0				33.3				10.0				81		
N2	5.3	5.2	101.9	98.1	32.6	32.6	100.0	99.4	32.9	32.9	100.0	98.5	10.6	10.5	101.0	107.1	92	92	100.0	107.0
T2	5.3			98.1	32.2			98.2	33.1			99.1	8.6			86.9	77			89.5
U2	4.1	4.5	91.1	75.9	32.4	32.4	100.0	98.8	33.7	33.5	100.6	100.9	11.0	11.1	99.1	111.1	83	86	96.5	96.5
W2	5.6	5.8	96.6	103.7	33.0	32.9	100.3	100.6	33.3	33.2	100.3	99.7	10.7	10.5	101.9	108.1	77	80	96.2	89.5
X2	5.1	4.9	104.1	94.4	33.2	33.1	100.3	101.2	33.3	33.2	100.3	99.7	9.7	10.0	97.0	98.0	98	93	105.4	114.0
Y2	6.9	6.4	107.8	127.8	33.0	32.9	100.3	100.6	33.1	33.0	100.3	99.1	10.3	10.0	103.0	104.0	85	87	97.7	98.8
E3	4.8	5.2	92.3	88.9	32.9	33.2	99.1	100.3	34.0	34.2	99.4	101.8	9.7	9.9	98.0	98.0	97	101	96.0	112.8
I3		5.8				33.0				33.1				9.7				94		
J3		5.0				32.8				33.8				9.1				81		
R3	4.5	4.6	97.8	83.3	32.5	32.5	100.0	99.1	33.7	33.6	100.3	100.9	9.5	9.6	99.0	96.0	89	86	103.5	103.5
S3		5.0				33.0				33.1				9.6				83		
U3	5.5	5.4	101.8	101.8	32.9	33.0	99.7	100.3	33.7	33.9	99.4	100.9	9.7	9.9	98.0	98.0	84	85	98.8	97.7
V3		5.9				32.9				33.0				8.8				89		
W3		6.2				33.0				33.1				9.1				88		
Z3		5.0				32.5				33.5				9.7				82		
B4	5.5	5.2	105.8	101.8	32.8	33.2	98.8	100.0	33.6	34.1	98.5	100.6	9.7	10.0	97.0	98.0	89	86	103.5	103.5
E4	5.6	5.7	98.2	103.7	32.8	32.8	100.0	100.0	33.6	33.6	100.0	100.6	10.2	10.0	102.0	103.0	80	80	100.0	93.0
H4	6.3	6.0	105.0	116.7	32.8	32.6	100.6	100.0	33.3	33.2	100.3	99.7	9.5	9.6	99.0	96.0	85	83	102.4	98.8
I4	5.0	5.0	100.0	92.6	33.0	33.0	100.0	100.6	33.1	33.1	100.0	99.1	9.9	10.2	97.0	100.0	86	84	102.4	100.0
M4		5.4				32.8				33.6				9.3				85		
O4		5.0				32.3				33.2				9.3				94		
R4	4.7	5.4	87.0	87.0	32.3	32.6	99.1	98.5	33.4	33.4	100.0	100.0	9.4	9.5	98.9	94.9	98	92	106.5	114.0
FKBG DATA																				
CUR. AV.	5.4				32.8				33.4				9.8				87			
CUM. AV.	5.4				32.8				33.4				9.9				86			
IND. *D	100.0				100.0				100.0				99.0				101.2			

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE VIII

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 33 LB FOURDRINIER KRAFT LINERBOARD

RING COMPRESSION, LBS.

	APRIL, 1985				MAY, 1985				JUNE, 1985			
		MACHINE DATA				MACHINE DATA				MACHINE DATA		
	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
D1	54.0			100.0		54.0			53.0	54.0	98.1	97.6
H1	43.0	46.3	92.9	79.6	49.0	45.6	107.4	90.7	49.0	46.3	105.8	90.2
J1												
K1	57.0	54.5	104.6	105.6	54.0	54.8	98.5	100.0	50.0	54.8	91.2	92.1
L1												
M1												
N1		58.0				58.0				57.2		
O1	48.0	47.6	100.8	88.9	47.0	46.8	100.4	87.0	46.0	46.0	100.0	84.7
T1		51.4				51.4				51.4		
Y1	68.0	63.3	107.4	125.9	68.0	64.4	105.6	125.9	65.0	65.7	98.9	119.7
Z1	49.8			92.2		49.8				49.8		
F2	57.0			105.6	56.0	57.0	98.2	103.7	59.0	56.5	104.4	108.6
L2	62.0	60.2	103.0	114.8	64.0	60.6	105.6	118.5	66.0	61.2	107.8	121.5
M2		51.0				51.0				51.0		
N2	56.0	56.0	100.0	103.7	65.0	56.0	116.1	120.4	51.0	59.0	86.4	93.9
T2												
U2	53.0	53.5	99.1	98.1	53.0	53.5	99.1	98.1	55.0	53.2	103.4	101.3
W2	51.0	51.5	99.0	94.4	51.0	51.1	99.8	94.4	49.0	50.8	96.4	90.2
X2	61.0	62.4	97.8	113.0	62.0	62.4	99.4	114.8	60.0	62.4	96.2	110.5
Y2												
E3												
I3	60.0	56.0	107.1	111.1		57.3				57.3		
J3												
K3	54.2	52.5	103.2	100.4	56.5	52.9	106.8	104.6	56.8	53.2	106.8	104.6
S3	41.0	44.6	91.9	75.9	41.0	44.0	93.2	75.9		43.3		
U3		60.1			59.9	60.1	99.7	110.9	55.4	60.1	92.2	102.0
V3												
W3												
Z3												
B4	67.0			124.1	67.0	67.0	100.0	124.1	65.0	67.0	97.0	119.7
E4		62.0				62.0				62.0		
H4	51.0	51.2	99.6	94.4	50.0	51.1	97.8	92.6	50.0	51.4	97.3	92.1
I4	45.0	45.1	99.8	83.3	45.0	45.2	99.6	83.3	44.0	45.2	97.3	81.0
M4		54.5				56.3				57.8		
U4	58.0	62.6	92.6	107.4	58.0	60.0	96.7	107.4		60.0		
R4												
FKBG DATA												
CUR. AV.	54.5				55.7				54.6			
CUM. AV.	54.0				54.0				54.3			
IND. *D	100.9				103.1				100.6			

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE IX

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 38 LB FOURDRINIER KRAFT LINERBOARD

APRIL, 1985

	MOISTURE CONTENT, PERCENT				BASIS WT., LB / M SQ FT				ADJ. BASIS WT.,*A LB / M SQ FT				CALIPER, PT				BURSTING STRENGTH, P S I G			
	MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA			
CODE	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
C1	5.5	5.5	100.0	98.2	37.9	37.6	100.8	99.7	38.8	38.6	100.5	100.8	10.9	11.0	99.1	100.0	99	96	103.1	102.1
D1		4.8				37.6				38.8				11.2				105		
J1		5.4				38.2				38.4				10.9				96		
K1		5.8				38.3				38.4								93		
L1	5.9	6.0	98.3	105.4	37.2	37.4	99.5	97.9	38.0	38.1	99.7	98.7	10.9	11.8	92.4	100.0	112	108	103.7	115.5
M1	6.5	6.2	104.8	116.1	38.2	37.6	101.6	100.5	38.7	38.3	101.0	100.5	10.4	10.6	98.1	95.4	102	100	102.0	105.2
N1		4.9				37.8				39.0				11.3				98		
O1		6.1				37.6				38.3				10.0				96		
Z1	4.9	5.4	90.7	87.5	37.3	37.8	98.7	98.2	38.5	38.8	99.2	100.0	10.9	10.6	102.8	100.0	102	96	106.2	105.2
F2	6.4	6.4	100.0	114.3	38.0	38.0	100.0	100.0	38.2	38.2	100.0	99.2	11.5	11.1	103.6	105.5	96	94	102.1	99.0
L2	5.8	5.5	105.4	103.6	37.5	38.0	98.7	98.7	38.3	39.0	98.2	99.5	9.6	9.6	100.0	86.1	98	96	102.1	101.0
M2	5.6	5.6	100.0	100.0	38.1	38.3	99.5	100.3	38.4	38.6	99.5	99.7	11.0	11.2	98.2	100.9	105	98	107.1	108.2
Q2		5.6				37.8				38.8				10.7				103		
S2		5.1				38.3				38.4				11.8				104		
X2	5.4	5.4	100.0	96.4	38.3	38.1	100.5	100.8	38.4	38.2	100.5	99.7	11.2	11.3	99.1	102.8	99	99	100.0	102.1
H3	6.0	5.9	101.7	107.1	38.8	38.4	101.0	102.1	38.9	38.5	101.0	101.0	12.6	11.4	110.5	115.6	104	96	108.3	107.2
I3	5.9	6.0	98.3	105.4	37.9	38.0	99.7	99.7	38.0	38.1	99.7	98.7	11.1	11.2	99.1	101.8	102	106	96.2	105.2
G3	6.0	5.7	105.3	107.1	38.0	37.8	100.5	100.0	38.1	37.9	100.5	99.0		10.6			92	99	92.9	94.8
P3		5.6				38.2				38.3				10.9				97		
R3	5.3	5.2	101.9	94.6	37.4	37.6	99.5	98.4	38.4	38.7	99.2	99.7	10.8	10.7	100.9	99.1	98	97	101.0	101.0
T3		5.4				39.5				40.6								98		
U3	5.8	5.6	103.6	103.6	37.9	38.4	98.7	99.7	38.7	39.4	98.2	100.5	11.5	11.5	100.0	105.5	91	94	96.8	93.8
X3		5.8				38.4				38.5				10.8				95		
A4		5.8				38.0				38.8				10.7				97		
B4	5.7	5.7	100.0	101.8	38.5	38.5	100.0	101.3	39.4	39.4	100.0	102.3	11.5	11.3	101.8	105.5	94	93	101.1	96.9
I4	6.0	6.0	100.0	107.1	38.0	38.0	100.0	100.0	38.1	38.1	100.0	99.0	11.0	11.1	99.1	100.9	95	95	100.0	97.9
M4		5.6				37.6				38.4				10.6				96		
R4	5.3	5.6	94.6	94.6	37.1	37.6	98.7	97.6	38.1	38.5	99.0	99.0	10.8	11.0	98.2	99.1	98	100	98.0	101.0
S4		5.6				37.9				38.8				10.6				102		

FKBG DATA												
CUR. AV.	5.8			37.9			38.4			11.0			99		
CUM. AV.	5.6			38.0			38.5			10.9			97		
IND. *D	103.6			99.7			99.7			100.9			102.1		

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE X

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 38 LB FOURDRINIER KRAFT LINERBOARD

MAY, 1985

	MOISTURE CONTENT, PERCENT				BASIS WT., LB / M SQ FT				ADJ. BASIS WT.,*A LB / M SQ FT				CALIPER, PT				BURSTING STRENGTH, P S I G			
	MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA			
CODE	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
C1	5.6	5.4	103.7	98.2	37.6	37.6	100.0	98.9	38.5	38.6	99.7	100.0	11.1	10.9	101.8	101.8	96	96	100.0	99.0
D1		5.0				37.7				38.8				11.4				106		
J1		5.4				38.2				38.4				10.9				96		
K1		5.8				38.3				38.4								94		
L1		6.0				37.4				38.1				11.7				108		
M1	6.4	6.2	103.2	112.3	37.5	37.7	99.5	98.7	38.1	38.3	99.5	99.0	10.0	10.5	95.2	91.7	99	100	99.0	102.1
N1		4.9				37.8				39.0				11.3				98		
O1		6.1				37.6				38.3				10.0				96		
Z1	5.4	5.3	101.9	94.7	37.5	37.7	99.5	98.7	38.5	38.7	99.5	100.0	10.6	10.7	99.1	97.2	101	96	105.2	104.1
F2	6.2	6.4	96.9	108.8	38.1	38.0	100.3	100.3	38.3	38.2	100.3	99.5	11.1	11.1	100.0	101.8	94	94	100.0	96.9
L2	5.5	5.5	100.0	96.5	37.9	37.9	100.0	99.7	38.8	38.9	99.7	100.8	9.0	9.5	94.7	82.6	101	96	105.2	104.1
M2	5.5	5.6	98.2	96.5	38.1	38.2	99.7	100.3	38.4	38.6	99.5	99.7	11.3	11.2	100.9	103.7	103	99	104.0	106.2
Q2		5.5				37.8				38.8				10.6				105		
S2	5.2	5.2	100.0	91.2	38.3	38.3	100.0	100.8	38.4	38.4	100.0	99.7	11.7	11.9	98.3	107.3	110	104	105.8	113.4
X2	5.3	5.4	98.1	93.0	38.2	38.1	100.3	100.5	38.3	38.2	100.3	99.5	11.2	11.3	99.1	102.8	104	99	105.0	107.2
H3	5.7	5.9	96.6	100.0	39.0	38.4	101.6	102.6	39.1	38.6	101.3	101.6	11.3	11.5	98.3	103.7	103	97	106.2	106.2
I3		6.0				38.0				38.0				11.2				104		
O3	5.6	5.7	98.2	98.2	37.9	37.8	100.3	99.7	38.0	37.9	100.3	98.7		10.6			97	98	99.0	100.0
P3		5.6				38.2				38.3				10.9				97		
R3	5.3	5.2	101.9	93.0	37.8	37.6	100.5	99.5	38.8	38.6	100.5	100.8	10.6	10.7	99.1	97.2	97	97	100.0	100.0
T3		5.4				39.5				40.6								98		
U3	5.8	5.6	103.6	101.8	38.0	38.4	99.0	100.0	38.8	39.3	98.7	100.8	11.1	11.5	96.5	101.8	92	94	97.9	94.8
X3		5.8				38.4				38.5				10.8				95		
A4		5.8				38.0				38.8				10.7				97		
B4	5.9	5.7	103.5	103.5	38.6	38.5	100.2	101.6	39.4	39.4	100.0	102.3	11.5	11.3	101.8	105.5	92	93	98.9	94.8
I4	6.0	6.0	100.0	105.3	38.0	38.0	100.0	100.0	38.1	38.1	100.0	99.0	11.0	11.1	99.1	100.9	95	96	99.0	97.9
M4		5.6				37.6				38.4				10.6				96		
R4	5.1	5.7	89.5	89.5	37.3	37.6	99.2	98.2	38.4	38.4	100.0	99.7	10.5	10.9	96.3	96.3	104	100	104.0	107.2
S4	5.5	5.6	98.2	96.5	37.4	38.0	98.4	98.4	38.3	38.9	98.4	99.5	10.9	10.6	102.8	100.0	106	102	103.9	109.3
FKBG DATA																				
CUR. AV.	5.6				38.0				38.5				10.9				100			
CUM. AV.	5.7				38.0				38.5				10.9				97			
IND. *D	98.2				100.0				100.0				100.0				103.1			

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE XI

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 38 LB FOURDRINIER KRAFT LINERBOARD

JUNE, 1985

	MOISTURE CONTENT, PERCENT				BASIS WT., LB / M SQ FT				ADJ. BASIS WT., *A LB / M SQ FT				CALIPER, PT				BURSTING STRENGTH, P S I G			
	MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA			
CODE	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
C1	5.4	5.4	100.0	96.4	37.3	37.6	99.2	98.2	38.3	38.6	99.2	99.5	11.0	10.9	100.9	100.9	103	96	107.3	105.1
D1		5.0				37.7				38.8				11.4				106		
J1		5.4				38.2				38.4				10.9				96		
K1	5.7	5.8	98.3	101.8	38.4	38.3	100.3	101.0	38.5	38.4	100.3	100.0					104	94	110.6	106.1
L1		5.9				37.3				38.1				11.7				107		
M1	6.4	6.2	103.2	114.3	37.6	37.7	99.7	98.9	38.2	38.3	99.7	99.2	10.3	10.5	98.1	94.5	97	100	97.0	99.0
N1		4.9				37.8				39.0				11.3				98		
O1		6.1				37.6				38.3				10.0				96		
Z1		5.3				37.6				38.7				10.7				96		
F2	6.4	6.4	100.0	114.3	38.0	38.0	100.0	100.0	38.2	38.2	100.0	99.2	10.9	11.1	98.2	100.0	95	94	101.1	96.9
L2	5.7	5.5	103.6	101.8	37.1	37.9	97.9	97.6	38.0	38.8	97.9	98.7	9.2	9.5	96.8	84.4	96	97	99.0	98.0
M2	5.1	5.5	92.7	91.1	38.1	38.2	99.7	100.3	38.4	38.5	99.7	99.7	11.6	11.2	103.6	106.4	106	99	107.1	108.2
Q2		5.5				37.8				38.8				10.6				105		
S2	3.7	5.2	71.2	66.1	38.3	38.3	100.0	100.8	38.4	38.4	100.0	99.7	11.9	11.9	100.0	109.2	106	104	101.9	108.2
T2	5.3			94.6	40.8			107.4	41.9			108.8	11.0			100.9	91			92.8
X2	5.7	5.4	105.6	101.8	38.3	38.1	100.5	100.8	38.4	38.2	100.5	99.7	11.2	11.2	100.0	102.8	104	100	104.0	106.1
H3	5.8	5.9	98.3	103.6	38.6	38.5	100.2	101.6	38.7	38.6	100.2	100.5	11.6	11.5	100.9	106.4	108	98	110.2	110.2
I3		6.0				38.0				38.0				11.2				104		
O3	5.8	5.7	101.8	103.6	37.7	37.8	99.7	99.2	37.8	37.9	99.7	98.2		10.6			100	98	102.0	102.0
P3	5.0	5.6	89.3	89.3	38.1	38.2	99.7	100.3	38.2	38.3	99.7	99.2	10.8	10.9	99.1	99.1	97	97	100.0	99.0
R3	5.1	5.2	98.1	91.1	37.4	37.6	99.5	98.4	38.5	38.6	99.7	100.0	10.7	10.7	100.0	98.2	98	97	101.0	100.0
T3		5.4				39.5				40.6								98		
U3		5.6				38.4				39.2				11.4				93		
X3		5.8				38.4				38.5				10.9				95		
A4		5.9				38.0				38.8				10.7				102		
B4		5.7				38.5				39.4				11.4				93		
I4	6.0	6.0	100.0	107.1	38.0	38.0	100.0	100.0	38.1	38.1	100.0	99.0	11.4	11.1	102.7	104.6	97	95	102.1	99.0
M4		5.6				37.6				38.5				10.5				96		
R4	4.7	5.6	83.9	83.9	37.0	37.6	98.4	97.4	38.3	38.4	99.7	99.5	10.5	10.9	96.3	96.3	107	100	107.0	109.2
S4	5.5	5.6	98.2	98.2	37.8	37.9	99.7	99.5	38.7	38.8	99.7	100.5	10.5	10.6	99.0	96.3	99	103	96.1	101.0
FKBG DATA																				
CUR. AV.	5.4				38.0				38.5				10.9				100			
CUM. AV.	5.6				38.0				38.5				10.9				98			
IND. *D	96.4				100.0				100.0				100.0				102.0			

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE XII

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 38 LB FOURDRINIER KRAFT LINERBOARD

RING COMPRESSION, LBS.

	APRIL, 1985				MAY, 1985				JUNE, 1985			
		MACHINE DATA				MACHINE DATA				MACHINE DATA		
	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
C1												
D1		62.0				62.0				62.0		
J1		66.2				66.2				66.2		
K1		67.1				67.3			71.0	67.2	105.6	108.2
L1												
M1												
N1		68.5				68.5				68.5		
O1		61.0				61.0				61.0		
Z1	73.2	70.4	104.0	112.8	60.2	70.5	85.4	92.2		69.4		
F2	69.0			106.3	70.0	69.0	101.4	107.2	65.0	69.5	93.5	99.1
L2	71.0	66.9	106.1	109.4	74.0	67.3	110.0	113.3	73.0	68.2	107.0	111.3
M2	59.0	64.3	91.8	90.9	68.0	62.9	108.1	104.1	65.0	63.4	102.5	99.1
Q2		74.8				72.8				72.8		
S2		51.6			55.0	51.2	107.4	84.2	56.0	52.2	107.3	85.4
T2									65.0			99.1
X2	71.0	69.5	102.2	109.4	66.0	70.1	94.2	101.1	68.0	69.9	97.3	103.6
H3	74.0	72.6	101.9	114.0	76.0	73.8	103.0	116.4	79.0	75.0	105.3	120.4
I3	74.0	68.0	108.8	114.0		71.0				71.0		
G3	58.3	56.2	103.7	89.8	58.0	56.3	103.0	88.8	63.7	56.4	112.9	97.1
P3		57.0				57.0			60.0	57.0	105.3	91.5
R3	66.3	64.3	103.1	102.2	68.4	64.8	105.6	104.7	69.9	65.0	107.5	106.6
T3		74.5				74.5				74.5		
U3	69.8	71.9	97.1	107.6	72.4	71.6	101.1	110.9		71.7		
X3		62.9				62.9				63.0		
A4		59.5				59.5				60.0		
B4	76.0			117.1	80.0	76.0	105.3	122.5		78.0		
I4	56.0	53.4	104.9	86.3	56.0	53.8	104.1	85.8	56.0	54.1	103.5	85.4
M4		68.8				68.8				68.1		
R4					64.0			98.0	62.0	64.0	96.9	94.5
S4		65.8			65.0	67.7	96.0	99.5	60.0	67.0	89.6	91.5

FKBG DATA			
CUR. AV.	68.1	66.6	65.2
CUM. AV.	64.9	65.3	65.6
IND. *D	104.9	102.0	99.4

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE XIII

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 42 LB FOURDRINIER KRAFT LINERBOARD

APRIL, 1985

	MOISTURE CONTENT, PERCENT				BASIS WT., LB / M SQ FT				ADJ. BASIS WT.,*A LB / M SQ FT				CALIPER, PT				BURSTING STRENGTH, P S I G			
	MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA			
CODE	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
C1	5.9	5.6	105.4	101.7	41.6	41.5	100.2	99.8	42.5	42.4	100.2	100.2	12.2	12.2	100.0	102.5	101	103	98.0	95.3
D1	5.0	5.1	98.0	86.2	41.4	41.3	100.2	99.3	42.6	42.5	100.2	100.5	12.2	12.5	97.6	102.5	104	106	98.1	98.1
H1	6.3	6.0	105.0	108.6	40.8	40.8	100.0	97.8	41.5	41.6	99.8	97.9	12.5	12.6	99.2	105.0	105	104	101.0	99.0
K1	5.8	5.8	100.0	100.0	42.0	42.0	100.0	100.7	42.1	42.1	100.0	99.3					104	102	102.0	98.1
L1	6.3	6.3	100.0	108.6	41.2	41.2	100.0	98.8	41.9	41.9	100.0	98.8	12.8	12.8	100.0	107.6	116	114	101.8	109.4
M1	6.6	6.2	106.4	113.8	41.8	41.8	100.0	100.2	42.3	42.5	99.5	99.8	12.0	12.2	98.4	100.8	104	106	98.1	98.1
N1	5.4	5.6	96.4	93.1	41.5	41.6	99.8	99.5	42.6	42.6	100.0	100.5	12.9	12.8	100.8	108.4	104	105	99.0	98.1
O1	6.1	6.2	98.4	105.2	41.5	41.5	100.0	99.5	42.2	42.2	100.0	99.5	10.8	11.0	98.2	90.8	107	107	100.0	100.9
R1	5.9	6.0	98.3	101.7	42.0	42.0	100.0	100.7	42.1	42.2	99.8	99.3	11.2	11.4	98.2	94.1	106	104	101.9	100.0
T1	5.3	5.3	100.0	91.4	41.4	41.2	100.5	99.3	41.8	41.6	100.5	98.6	12.5	12.6	99.2	105.0	104	103	101.0	98.1
Z1	5.6	5.8	96.6	96.6	41.4	41.9	98.8	99.3	42.4	42.8	99.1	100.0	11.8	11.7	100.8	99.2	108	106	101.9	101.9
D2	6.3	6.0	105.0	108.6	41.4	41.5	99.8	99.3	42.1	42.3	99.5	99.3	12.6	12.4	101.6	105.9	100	100	100.0	94.3
E2	5.7	5.8	98.3	98.3	42.1	42.0	100.2	101.0	42.3	42.2	100.2	99.8	11.5	11.2	102.7	96.6	113	109	103.7	106.6
F2	6.6	6.5	101.5	113.8	42.1	42.0	100.2	101.0	42.3	42.2	100.2	99.8	12.4	12.1	102.5	104.2	105	105	100.0	99.0
L2	5.9	5.8	101.7	101.7	41.5	41.7	99.5	99.5	42.4	42.7	99.3	100.0	10.5	10.6	99.0	88.2	104	106	98.1	98.1
M2	5.7	5.7	100.0	98.3	42.1	42.1	100.0	101.0	42.5	42.5	100.0	100.2	12.7	12.3	103.2	106.7	108	104	103.8	101.9
P2	5.5	6.0	91.7	94.8	42.2	42.2	100.0	101.2	42.3	42.2	100.2	99.8	12.1	12.1	100.0	101.7	127	123	103.2	119.8
Q2	5.5	5.7	96.5	94.8	41.3	41.5	99.5	99.0	42.3	42.5	99.5	99.8	11.4	11.7	97.4	95.8	106	108	98.1	100.0
S2		5.7				42.5				42.6				13.0				111		
U2	4.8	5.4	88.9	82.8	41.0	41.2	99.5	98.3	42.4	42.3	100.2	100.0	12.3	13.4	91.8	103.4	101	105	96.2	95.3
X2	5.5	5.5	100.0	94.8	42.2	42.1	100.2	101.2	42.3	42.2	100.2	99.8	12.4	12.6	98.4	104.2	107	106	100.9	100.9
Y2		6.4				42.0				42.1				12.6				104		
H3	5.8	5.8	100.0	100.0	42.3	42.3	100.0	101.4	42.4	42.4	100.0	100.0	12.8	12.4	103.2	107.6	104	102	102.0	98.1
J3	6.1	6.0	101.7	105.2	41.4	41.5	99.8	99.3	42.1	42.2	99.8	99.3	11.0	11.3	97.3	92.4	104	103	101.0	98.1
O3	5.9	5.8	101.7	101.7	42.1	42.1	100.0	101.0	42.2	42.2	100.0	99.5	11.7	11.6	100.9	98.3	104	105	99.0	98.1
P3	5.2	5.3	98.1	89.6	42.0	42.2	99.5	100.7	42.1	42.3	99.5	99.3	11.6	11.8	98.3	97.5	105	105	100.0	99.0
R3	5.4	5.3	101.9	93.1	41.4	41.6	99.5	99.3	42.5	42.7	99.5	100.2	12.0	12.2	98.4	100.8	106	104	101.9	100.0
T3	5.4	5.7	94.7	93.1	41.9	41.9	100.0	100.5	43.0	42.9	100.2	101.4	10.4	10.6	98.1	87.4	111	105	105.7	104.7
U3	6.1	5.6	108.9	105.2	41.8	41.8	100.0	100.2	42.6	42.7	99.8	100.5	12.2	12.5	97.6	102.5	103	103	100.0	97.2
V3	6.2	6.2	100.0	106.9	42.0	42.0	100.0	100.7	42.1	42.1	100.0	99.3	11.1	11.0	100.9	93.3	107	106	100.9	100.9
W3	6.4	6.3	101.6	110.3	42.0	42.0	100.0	100.7	42.1	42.1	100.0	99.3	11.7	11.8	99.2	98.3	110	107	102.8	103.8
X3	6.0	5.8	103.4	103.4	42.7	42.1	101.4	102.4	42.8	42.2	101.4	100.9	13.4	11.9	112.6	112.6	97	105	92.4	91.5
Z3	6.1	6.1	100.0	105.2	41.5	41.5	100.0	99.5	42.2	42.3	99.8	99.5	11.5	11.8	97.4	96.6	102	100	102.0	96.2
A4	5.8	5.9	98.3	100.0	41.4	41.8	99.0	99.3	42.3	42.6	99.3	99.8	11.4	11.8	96.6	95.8	112	104	107.7	105.7
B4	6.1	5.9	103.4	105.2	42.1	41.8	100.7	101.0	42.9	42.7	100.5	101.2	12.7	12.0	105.8	106.7	100	100	100.0	94.3
F4	5.4	5.3	101.9	93.1	41.3	41.1	100.5	99.0	42.4	42.2	100.5	100.0	11.6	11.7	99.1	97.5	119	118	100.8	112.3
G4		5.8				42.3				42.4				10.9				122		
I4	6.0	6.0	100.0	103.4	42.0	42.0	100.0	100.7	42.1	42.1	100.0	99.3	11.6	11.9	97.5	97.5	104	104	100.0	98.1
N4	4.7	4.8	97.9	81.0	41.3	41.5	99.5	99.0	42.7	42.8	99.8	100.7	11.1	11.1	100.0	93.3	109	108	100.9	102.8
O4	6.4	6.4	100.0	110.3	41.6	42.1	98.8	99.8	42.2	42.4	99.5	99.5	11.6	12.0	96.7	97.5	110	109	100.9	103.8
R4	5.7	5.8	98.3	98.3	41.6	41.7	99.8	99.8	42.6	42.6	100.0	100.5	11.7	12.2	95.9	98.3	107	106	100.9	100.9
S4	5.8	5.7	101.8	100.0	41.2	41.3	99.8	98.8	42.1	42.2	99.8	99.3	11.6	11.6	100.0	97.5	111	108	102.8	104.7
FKBG DATA																				
CUR. AV.	5.8				41.7				42.3				11.9				107			
CUM. AV.	5.8				41.7				42.4				11.9				106			
IND. *D	100.0				100.0				99.8				100.0				100.9			

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE XIV

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 42 LB FOURDRINIER KRAFT LINERBOARD

MAY, 1985

	MOISTURE CONTENT, PERCENT				BASIS WT.,* LB / M SQ FT				ADJ. BASIS WT.,*A LB / M SQ FT				CALIPER, PT				BURSTING STRENGTH, P S I G			
	MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA			
CODE	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
C1	5.8	5.6	103.6	100.0	41.5	41.5	100.0	99.5	42.4	42.4	100.0	100.0	12.0	12.2	98.4	100.8	104	102	102.0	98.1
D1	5.0	5.1	98.0	86.2	41.5	41.3	100.5	99.5	42.7	42.5	100.5	100.7	12.2	12.4	98.4	102.5	102	106	96.2	96.2
H1	5.9	6.1	96.7	101.7	40.8	40.9	99.8	97.8	41.7	41.6	100.2	98.3	12.5	12.6	99.2	105.0	103	104	99.0	97.2
K1	5.8	5.8	100.0	100.0	42.0	42.0	100.0	100.7	42.1	42.1	100.0	99.3					105	102	102.9	99.0
L1	6.3	6.3	100.0	108.6	41.3	41.2	100.2	99.0	42.0	41.9	100.2	99.0	12.6	12.7	99.2	105.9	118	114	103.5	111.3
M1	6.4	6.3	101.6	110.3	41.7	41.8	99.8	100.0	42.3	42.5	99.5	99.8	11.9	12.2	97.5	100.0	106	105	101.0	100.0
N1	5.8	5.6	103.6	100.0	41.7	41.6	100.2	100.0	42.6	42.6	100.0	100.5	12.4	12.8	96.9	104.2	102	105	97.1	96.2
O1	6.1	6.2	98.4	105.2	41.5	41.5	100.0	99.5	42.2	42.2	100.0	99.5	10.9	11.0	99.1	91.6	107	107	100.0	100.9
R1	5.9	6.0	98.3	101.7	42.0	42.0	100.0	100.7	42.1	42.2	99.8	99.3	11.2	11.3	99.1	94.1	106	104	101.9	100.0
T1	5.3	5.3	100.0	91.4	41.2	41.2	100.0	98.8	41.6	41.6	100.0	98.1	12.4	12.6	98.4	104.2	103	103	100.0	97.2
Z1	5.8	5.8	100.0	100.0	41.6	41.9	99.3	99.8	42.5	42.8	99.3	100.2	11.9	11.7	101.7	100.0	109	106	102.8	102.8
D2	6.3	6.0	105.0	106.6	41.6	41.5	100.2	99.8	42.3	42.3	100.0	99.8	12.6	12.4	101.6	105.9	100	100	100.0	94.3
E2	5.9	5.8	101.7	101.7	42.2	42.0	100.5	101.2	42.4	42.2	100.5	100.0	11.4	11.2	101.8	95.8	112	109	102.8	105.7
F2	6.6	6.5	101.5	113.8	42.0	42.0	100.0	100.7	42.2	42.2	100.0	99.5	12.4	12.2	101.6	104.2	105	105	100.0	99.0
L2	5.9	5.8	101.7	101.7	41.3	41.7	99.0	99.0	42.2	42.7	98.8	99.5	10.4	10.6	98.1	87.4	108	105	102.8	101.9
M2	5.6	5.7	98.2	96.6	42.1	42.1	100.0	101.0	42.5	42.5	100.0	100.2	12.7	12.3	103.2	106.7	107	104	102.9	100.9
P2	5.7	5.9	96.6	98.3	42.2	42.2	100.0	101.2	42.3	42.2	100.2	99.8	11.8	12.0	98.3	99.2	119	123	96.7	112.3
Q2	5.8	5.7	101.8	100.0	41.6	41.5	100.2	99.8	42.5	42.5	100.0	100.2	11.2	11.6	96.6	94.1	108	108	100.0	101.9
S2		5.7				42.5				42.6				13.0				111		
U2	5.2	5.3	98.1	89.6	41.1	41.2	99.8	98.6	42.3	42.3	100.0	99.8	12.5	13.2	94.7	105.0	102	104	98.1	96.2
X2	5.5	5.5	100.0	94.8	42.3	42.1	100.5	101.4	42.4	42.2	100.5	100.0	12.5	12.6	99.2	105.0	108	106	101.9	101.9
Y2		6.4				42.0				42.1				12.6				104		
H3	5.9	5.8	101.7	101.7	42.4	42.3	100.2	101.7	42.5	42.4	100.2	100.2	12.3	12.5	98.4	103.4	103	102	101.0	97.2
J3	6.3	6.0	105.0	108.6	41.6	41.5	100.2	99.8	42.3	42.2	100.2	99.8	11.5	11.2	102.7	96.6	100	104	96.2	94.3
O3	5.7	5.8	98.3	98.3	42.1	42.1	100.0	101.0	42.2	42.2	100.0	99.5	11.6	11.6	100.0	97.5	109	105	103.8	102.8
P3	5.1	5.3	96.2	87.9	42.0	42.2	99.5	100.7	42.1	42.3	99.5	99.3	11.3	11.8	95.8	95.0	107	105	101.9	100.9
R3	5.3	5.3	100.0	91.4	41.5	41.6	99.8	99.5	42.6	42.7	99.8	100.5	12.0	12.1	99.2	100.8	106	104	101.9	100.9
T3	5.2	5.6	92.8	89.6	41.8	42.0	99.5	100.2	43.0	42.9	100.2	101.4	10.7	10.6	100.9	89.9	107	105	101.9	100.9
U3	5.9	5.7	103.5	101.7	41.9	41.8	100.2	100.5	42.8	42.7	100.2	100.9	11.9	12.4	96.0	100.0	102	103	99.0	96.2
V3	6.1	6.2	98.4	105.2	41.9	42.0	99.8	100.5	42.0	42.1	99.8	99.0	11.2	11.8	100.9	96.1	110	106	103.8	103.8
W3	6.3	6.4	98.4	108.6	42.0	42.0	100.0	100.7	42.1	42.1	100.0	99.3	11.9	11.8	100.8	100.0	108	108	100.0	101.9
X3	6.0	5.9	101.7	103.4	42.3	42.1	100.5	101.4	42.4	42.2	100.5	100.0	12.9	12.0	107.5	108.4	98	104	94.2	92.6
Z3		6.1				41.5				42.3				11.8				100		
A4	6.0	5.9	101.7	103.4	42.1	41.7	101.0	101.0	42.9	42.6	100.7	101.2	11.3	11.8	95.8	95.0	105	105	100.0	99.0
B4	6.3	5.9	106.8	108.6	42.0	41.8	100.5	100.7	42.7	42.7	100.0	100.7	12.3	12.1	101.6	103.6	99	100	99.0	93.6
F4	5.3	5.3	100.0	91.4	41.0	41.2	99.5	98.3	42.1	42.2	99.8	99.3	11.7	11.7	100.0	98.3	119	118	100.8	112.3
G4		5.8				42.4				42.5				10.9				123		
I4	6.0	6.0	100.0	103.4	42.0	42.0	100.0	100.7	42.1	42.1	100.0	99.3	11.6	11.9	97.5	97.5	104	104	100.0	98.1
N4	4.7	4.8	97.9	81.0	41.7	41.5	100.5	100.0	43.1	42.8	100.7	101.6	11.0	11.0	100.0	92.4	108	108	100.0	101.9
O4	5.9	6.4	92.2	101.7	41.5	42.0	98.8	99.5	42.4	42.4	100.0	100.0	12.5	12.0	104.2	105.0	111	110	100.9	104.7
R4	5.3	5.8	91.4	91.4	41.1	41.7	98.6	98.6	42.2	42.6	99.1	99.5	11.6	12.1	95.9	97.5	110	107	102.8	103.8
S4	5.8	5.7	101.8	100.0	41.2	41.3	99.8	98.8	42.1	42.2	99.8	99.3	11.8	11.5	102.6	99.2	106	108	98.1	100.0
FKSG DATA																				
CUR. AV.	5.8				41.7				42.3				11.8				106			
CUM. AV.	5.8				41.7				42.4				11.9				106			
IND. *D	100.0				100.0				99.8				99.2				100.0			

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE XV

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 42 LB FOURDRINIER KRAFT LINERBOARD

JUNE, 1985

	MOISTURE CONTENT, PERCENT				BASIS WT., LB / M SQ FT				ADJ. BASIS WT., *A LB / M SQ FT				CALIPER, PT				BURSTING STRENGTH, P S I G			
	MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA			
CODE	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
C1	5.9	5.6	105.4	101.7	41.5	41.4	100.2	99.5	42.4	42.4	100.0	100.0	12.1	12.2	99.2	101.7	103	102	101.0	97.2
D1	5.0	5.1	98.0	86.2	41.6	41.4	100.5	99.8	42.8	42.6	100.5	100.9	12.3	12.4	99.2	103.6	106	106	100.0	100.0
H1	6.1	6.0	101.7	105.2	40.8	40.9	99.8	97.8	41.5	41.7	99.5	97.9	12.5	12.7	98.4	105.0	103	104	99.0	97.2
K1	5.7	5.8	98.3	98.3	42.0	42.0	100.0	100.7	42.1	42.1	100.0	99.3					104	103	101.0	98.1
L1	6.0	6.3	95.2	103.4	41.4	41.2	100.5	99.3	42.2	41.9	100.7	99.5	12.7	12.7	100.0	106.7	120	114	105.3	113.2
M1	6.2	6.3	98.4	106.9	41.5	41.8	99.3	99.5	42.2	42.5	99.3	99.5	11.9	12.2	97.5	100.0	108	105	102.8	101.9
N1	5.4	5.6	96.4	93.1	41.5	41.6	99.8	99.5	42.6	42.6	100.0	100.5	12.5	12.8	97.6	105.0	102	104	98.1	96.2
O1	6.2	6.2	100.0	106.9	41.6	41.5	100.2	99.8	42.3	42.2	100.2	99.8	10.8	11.0	98.2	90.8	108	107	100.9	101.9
R1	5.9	6.0	98.3	101.7	42.0	42.0	100.0	100.7	42.1	42.1	100.0	99.3	10.9	11.3	96.5	91.6	108	104	103.8	101.9
T1	5.3	5.3	100.0	91.4	41.3	41.2	100.2	99.0	41.7	41.6	100.2	98.3	12.0	12.6	95.2	100.8	100	104	96.2	94.3
Z1		5.8				41.8				42.8				11.7				107		
D2	6.4	6.0	106.7	110.3	41.5	41.5	100.0	99.5	42.1	42.3	99.5	99.3	12.6	12.4	101.6	105.9	101	100	101.0	95.3
E2	6.2	5.8	106.9	106.9	42.0	42.1	99.8	100.7	42.2	42.3	99.8	99.5	11.5	11.3	101.8	96.6	111	110	100.9	104.7
F2	6.6	6.5	101.5	113.8	42.0	42.0	100.0	100.7	42.2	42.2	100.0	99.5	12.5	12.2	102.4	105.0	106	105	101.0	100.0
L2	5.5	5.8	94.8	94.8	41.4	41.6	99.5	99.3	42.4	42.6	99.5	100.0	10.4	10.6	98.1	87.4	104	105	99.0	98.1
M2	5.6	5.7	98.2	96.6	42.2	42.1	100.2	101.2	42.6	42.5	100.2	100.5	12.8	12.4	103.2	107.6	107	105	101.9	100.9
P2	5.8	5.9	98.3	100.0	42.2	42.2	100.0	101.2	42.3	42.3	100.0	99.8	11.8	12.0	98.3	99.2	122	122	100.0	115.1
Q2	5.4	5.7	94.7	93.1	41.6	41.5	100.2	99.8	42.7	42.5	100.5	100.7	11.6	11.6	100.0	97.5	115	108	106.5	108.5
S2		5.7				42.5				42.6				13.0				111		
T2	5.3			91.4	40.9			98.1	42.0			99.0	11.0			92.4	99			93.4
U2		5.3				41.2				42.3				13.1				104		
X2	5.6	5.5	101.8	98.6	42.3	42.2	100.2	101.4	42.4	42.2	100.5	100.0	12.4	12.5	99.2	104.2	110	107	102.8	103.8
Y2	6.1	6.4	95.3	105.2	41.9	42.0	99.8	100.5	42.0	42.1	99.8	99.0	13.5	12.6	107.1	113.4	104	104	100.0	98.1
H3	5.8	5.8	100.0	100.0	42.4	42.3	100.2	101.7	42.5	42.4	100.2	100.2	12.2	12.5	97.6	102.5	104	102	102.0	98.1
J3	5.9	6.0	98.3	101.7	41.4	41.5	99.8	99.3	42.3	42.2	100.2	99.8	11.2	11.2	100.0	96.1	98	104	94.2	92.4
O3	5.9	5.8	101.7	101.7	42.1	42.1	100.0	101.0	42.2	42.2	100.0	99.5	11.4	11.7	97.4	95.8	106	105	101.0	100.0
P3	5.3	5.2	101.9	91.4	42.0	42.2	99.5	100.7	42.1	42.3	99.5	99.3	11.6	11.7	99.1	97.5	105	106	99.0	99.0
R3	5.3	5.3	100.0	91.4	41.6	41.5	100.2	99.8	42.7	42.6	100.2	100.7	11.7	12.1	96.7	98.3	107	104	102.9	100.9
T3	5.2	5.6	92.8	89.6	41.4	42.0	98.6	99.3	42.6	43.0	99.1	100.5	10.4	10.7	97.2	87.4	107	105	101.9	100.9
U3	5.6	5.7	98.2	96.6	41.8	41.8	100.0	100.2	42.8	42.7	100.2	100.9	12.0	12.4	96.8	100.8	102	103	99.0	96.2
V3	6.2	6.2	100.0	106.9	42.0	42.0	100.0	100.7	42.1	42.1	100.0	99.3	11.1	11.0	100.9	93.3	107	106	100.9	100.9
W3	6.2	6.4	96.9	106.9	42.1	42.0	100.2	101.0	42.2	42.1	100.2	99.5	11.7	11.7	100.0	98.3	106	108	98.1	100.0
X3	6.0	5.9	101.7	103.4	42.3	42.1	100.5	101.4	42.4	42.2	100.5	100.0	12.5	12.1	103.3	105.0	100	103	97.1	94.3
Z3	6.3	6.1	103.3	108.6	41.6	41.5	100.2	99.8	42.3	42.3	100.0	99.8	11.9	11.8	100.8	100.0	101	100	101.0	95.3
A4	6.0	5.9	101.7	103.4	41.8	41.7	100.2	100.2	42.6	42.6	100.0	100.5	11.6	11.7	99.1	97.5	106	105	101.0	100.0
B4	5.9	6.0	98.3	101.7	41.3	41.8	98.8	99.0	42.2	42.7	98.8	99.5	12.3	12.1	101.6	103.4	101	100	101.0	95.3
F4	5.3	5.3	100.0	91.4	41.1	41.1	100.0	98.6	42.2	42.2	100.0	99.5	11.7	11.7	100.0	98.3	117	117	100.0	110.4
G4		5.9				42.5				42.6				10.8				122		
I4	6.0	6.0	100.0	103.4	42.0	42.0	100.0	100.7	42.1	42.1	100.0	99.3	12.4	11.8	105.1	104.2	104	104	100.0	98.1
N4	4.5	4.8	93.8	77.6	41.7	41.5	100.5	100.0	43.2	42.8	100.9	101.9	11.2	11.0	101.8	94.1	107	108	99.1	100.9
O4		6.3				42.0				42.4				12.0				110		
R4	5.1	5.8	87.9	87.9	41.0	41.7	98.3	98.3	42.2	42.6	99.1	99.5	11.9	12.1	98.3	100.0	114	107	106.5	107.5
S4	6.0	5.8	103.4	103.4	41.2	41.3	99.8	98.8	42.0	42.2	99.5	99.0	11.4	11.5	99.1	95.8	110	108	101.8	103.8
FKBG DATA																				
CUR. AV.	5.8				41.7				42.3				11.8				106			
CUM. AV.	5.8				41.7				42.4				11.9				106			
IND. *D	100.0				100.0				99.8				99.2				100.0			

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE XVI

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 42 LB FOURDRINIER KRAFT LINERBOARD

RING COMPRESSION, LBS.

	APRIL, 1985				MAY, 1985				JUNE, 1985			
	MACHINE DATA				MACHINE DATA				MACHINE DATA			
	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
C1												
D1	71.0	70.0	101.4	98.6	73.0	70.2	104.0	101.0	69.0	70.2	98.3	95.3
H1	69.0	65.3	105.7	95.8	67.0	66.3	101.0	92.7	67.0	66.8	100.3	92.5
K1	73.0	75.3	96.9	101.4	70.0	75.3	93.0	96.8	69.0	74.4	92.7	95.3
L1												
M1		74.0										
N1	71.0	75.1	94.5	98.6	72.0	74.8	96.2	99.6	72.0	74.6	96.5	99.4
O1	61.0	65.0	93.8	84.7	62.0	63.6	97.5	85.8	57.0	62.6	91.0	78.7
R1	67.0	66.5	100.8	93.0	67.0	66.5	100.8	92.7	67.0	66.3	101.0	92.5
T1	71.0	71.1	99.8	98.6	74.0	71.7	103.2	102.6	73.0	71.2	102.5	100.8
Z1	77.3	85.0	90.9	107.4	84.8	84.1	100.8	117.3		80.8		
D2	77.0			106.9	74.0	77.0	96.1	102.4	75.0	75.5	99.3	103.6
E2	73.0			101.4	71.0	73.0	97.3	98.2	73.0	72.0	101.4	100.8
F2	76.0			105.6	76.0	76.0	100.0	105.1	74.0	76.0	97.4	102.2
L2	81.0	73.9	109.6	112.5	86.0	75.8	113.4	118.9	89.0	77.3	115.1	122.9
M2	71.0	72.4	98.1	98.6	72.0	72.1	99.9	99.6	71.0	71.8	98.9	98.1
P2	60.0	70.2	85.5	83.3	80.0	69.2	115.6	110.6	86.0	70.2	122.5	118.8
Q2	82.6	85.4	97.0	115.0	81.0	85.2	95.1	112.0	83.6	84.8	98.6	115.5
S2		60.0				60.0				60.0		
T2									75.0			103.6
U2	72.0	71.0	101.4	100.0	70.0	71.1	98.4	96.6		71.1		
X2	76.0	76.2	99.7	105.6	76.0	76.5	99.3	105.1	75.0	76.4	98.2	103.6
Y2												
H3	76.0	79.6	95.5	105.6	76.0	80.1	94.9	105.1	75.0	80.3	93.4	103.6
J3												
O3	65.9	61.1	107.8	91.5	65.7	61.3	107.2	90.9	65.4	61.4	106.5	90.3
P3	74.0	69.2	106.9	102.8	70.0	69.8	100.3	96.8	68.0	70.3	96.7	93.9
R3	76.6	73.4	104.4	106.4	76.6	73.9	103.6	105.9	79.6	74.0	107.6	109.9
T3	85.0	76.6	111.0	118.0	88.0	77.8	113.1	121.7	89.0	79.5	111.9	122.9
U3	73.4	78.8	93.1	101.9	78.9	78.0	101.2	109.1	76.1	78.1	97.4	105.1
V3												
W3												
X3	78.3	71.9	108.9	108.8	72.7	72.2	100.7	100.6	72.2	72.1	100.1	99.7
Z3												
A4	71.0	67.8	104.7	98.6	70.0	67.8	103.2	96.8	71.0	67.9	104.6	98.1
B4	84.0			116.7	80.0	84.0	95.2	110.6	77.0	82.0	93.9	106.4
F4	65.0	65.1	99.8	90.3	64.0	64.6	99.1	88.5	62.0	66.0	96.9	85.6
G4												
I4	66.0	67.3	98.1	91.7	66.0	67.1	98.4	91.3	68.0	67.1	101.3	93.9
N4	75.5	70.1	107.7	104.9	80.0	71.2	112.4	110.6	76.3	72.0	106.0	105.4
O4	94.0	81.7	115.0	130.6	93.0	82.8	112.3	128.6		83.3		
R4									70.0			96.7
S4	72.0	70.5	102.1	100.0	69.0	71.1	97.0	95.4	66.0	71.2	92.7	91.2
FKBG DATA												
CUR. AV.	73.7				74.4				73.0			
CUM. AV.	72.0				72.3				72.4			
IND. *D	102.4				102.9				100.8			

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE XVII

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 69 LB FOURDRINIER KRAFT LINERBOARD

APRIL, 1965

	MOISTURE CONTENT, PERCENT				BASIS WT., LB / M SQ FT				ADJ. BASIS WT., *A LB / M SQ FT				CALIPER, PT				BURSTING STRENGTH, P S I G			
	MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA			
CODE	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
C1	7.0	6.9	101.4	111.1	69.0	68.8	100.3	100.4	69.6	69.5	100.1	100.3	19.0	19.4	97.9	97.9	137	137	100.0	95.8
D1	5.8	5.9	98.3	92.1	68.3	68.2	100.1	99.4	69.8	69.6	100.3	100.6	18.6	19.6	94.9	95.9	141	146	96.6	98.6
H1	6.0			95.2	66.7			97.1	68.0			98.0	19.7			101.5	145			101.4
K1	5.9	5.8	101.7	93.6	69.0	69.0	100.0	100.4	69.2	69.2	100.0	99.7					142	142	100.0	99.3
L1	6.7	6.5	103.1	106.3	68.3	68.0	100.4	99.4	69.1	69.0	100.1	99.6	21.6	21.3	101.4	111.3	142	148	95.9	99.3
O1	5.5	5.8	94.8	87.3	67.9	68.0	99.8	98.8	69.6	69.5	100.1	100.3	18.0	18.4	97.8	92.8	138	139	99.3	96.5
R1	6.9	7.0	98.6	109.5	69.1	69.0	100.1	100.6	69.3	69.2	100.1	99.8	19.4	19.3	100.5	100.0	138	137	100.7	96.5
T1	5.8	6.0	96.7	92.1	67.7	67.7	100.0	98.5	68.3	68.3	100.0	98.4	20.7	20.4	101.5	106.7	157	152	103.3	109.8
Z1	6.1	6.4	95.3	96.8	68.6	68.8	99.7	99.8	69.8	69.8	100.0	100.6	20.5	19.8	103.5	105.7	137	137	100.0	95.8
D2	7.1	7.0	101.4	112.7	68.5	68.7	99.7	99.7	69.0	69.4	99.4	99.4	19.8	19.4	102.1	102.1	137	140	97.8	95.8
E2	6.4	6.5	98.5	101.6	69.4	69.0	100.6	101.0	69.7	69.4	100.4	100.4	19.3	18.6	103.8	99.5	143	141	101.4	100.0
M2		5.8				69.2				69.8				21.6				139		
P2	6.5	6.7	97.0	103.2	69.2	69.2	100.0	100.7	69.4	69.4	100.0	100.0	19.0	19.2	99.0	97.9	173	158	109.5	121.0
Q2	6.1	5.6	108.9	96.8	68.5	68.0	100.7	99.7	69.7	69.7	100.0	100.4	18.5	19.9	93.0	95.4	152	146	104.1	106.3
S2	5.7	5.9	96.6	90.5	69.5	69.4	100.1	101.2	69.7	69.6	100.1	100.4	20.8	21.0	99.0	107.2	159	154	103.2	111.2
T2	6.0	6.4	93.8	95.2	69.3	69.5	99.7	100.9	70.7	70.5	100.3	101.9	19.9	19.7	101.0	102.6	138	140	98.6	96.5
X2	5.9	5.8	101.7	93.6	69.2	69.2	100.0	100.7	69.4	69.4	100.0	100.0	20.4	20.5	99.5	105.2	141	136	102.2	98.6
H3	6.0	5.9	101.7	95.2	69.4	69.4	100.0	101.0	69.6	69.6	100.0	100.3	20.1	20.4	98.5	103.6	144	142	101.4	100.7
J3	6.9	6.7	103.0	109.5	68.7	68.6	100.1	100.0	69.4	69.4	100.0	100.0	18.8	18.8	100.0	96.9	139	138	100.7	97.2
O3	6.5	6.3	103.2	103.2	69.0	69.1	99.8	100.4	69.2	69.3	99.8	99.7	19.5	19.2	101.6	100.5	146	145	100.7	102.1
P3	6.4	5.8	110.3	101.6	69.0	69.3	99.6	100.4	69.2	69.5	99.6	99.7	20.0	19.7	101.5	103.1	136	138	98.6	95.1
T3	5.8	6.0	96.7	92.1	67.6	68.2	99.1	98.4	69.1	69.6	99.3	99.6	17.1	17.3	98.8	88.1	141	140	100.7	98.6
V3	6.2	6.3	98.4	98.4	69.3	68.9	100.6	100.9	69.5	69.1	100.6	100.1	19.0	18.7	101.6	97.9	137	140	97.8	95.8
W3		6.4				69.2				69.4				19.8				141		
X3		6.6				69.0				69.2				18.5				141		
Y3	5.9	6.7	88.0	93.6	68.9	68.9	100.0	100.3	69.5	69.5	100.0	100.1	19.6	19.4	100.0	100.0	142	141	100.7	99.3
A4	6.6	6.3	104.8	106.8	68.4	68.4	100.0	99.6	69.3	69.4	99.8	99.8	19.8	20.2	98.0	102.1	140	137	102.2	97.9
B4		6.7				66.6				67.6				19.7				142		
F4	5.5	5.4	101.8	87.3	67.9	67.6	100.4	98.8	69.6	69.4	100.3	100.3	19.5	20.0	97.5	100.5	164	156	105.1	114.7
G4	6.4	6.6	97.0	101.6	69.9	69.6	100.4	101.7	70.1	69.8	100.4	101.0	18.9	19.0	99.5	97.4	152	147	103.4	106.3
N4	6.7	6.7	100.0	106.3	68.4	68.4	100.0	99.6	69.2	69.2	100.0	99.7	17.5	17.7	98.9	90.2	151	151	100.0	105.6
O4		6.9				69.0				69.5				19.8				141		
R4	6.0	6.0	100.0	95.2	68.0	68.4	99.4	99.0	69.4	69.7	99.6	100.0	19.6	20.0	98.0	101.0	138	141	97.9	96.5
S4	6.2	6.2	100.0	98.4	68.1	68.2	99.8	99.1	69.3	69.4	99.8	99.8	19.6	19.4	101.0	101.0	143	144	99.3	100.0
FKBG DATA																				
CUR. AV.	6.2				68.6				69.4				19.4				144			
CUM. AV.	6.3				68.7				69.4				19.4				143			
IND. *D	98.4				99.8				100.0				100.0				100.7			

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE XVIII

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 69 LB FOURDRINIER KRAFT LINERBOARD

MAY, 1985

	MOISTURE CONTENT, PERCENT				BASIS WT., LB / M SQ FT				ADJ. BASIS WT.,*A LB / M SQ FT				CALIPER, PT				BURSTING STRENGTH, P S I G			
	MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA			
CODE	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
C1	6.9	6.9	100.0	109.5	68.6	68.8	99.7	99.8	69.3	69.5	99.7	99.8	19.9	19.3	103.1	102.6	137	137	100.0	95.8
D1	5.7	6.0	95.0	90.5	68.3	68.3	100.0	99.4	69.9	69.6	100.4	100.7	19.1	19.4	98.4	98.4	140	145	96.6	97.9
H1		6.0				66.7				68.0				19.7				145		
K1	5.8	5.8	100.0	92.1	69.1	69.0	100.1	100.6	69.3	69.2	100.1	99.8					145	142	102.1	101.4
L1	6.7	6.5	103.1	106.3	68.1	68.0	100.1	99.1	68.9	69.0	99.8	99.3	21.3	21.4	99.5	109.8	149	147	101.4	104.2
O1	4.9	5.7	86.0	77.8	67.5	67.9	99.4	98.2	69.6	69.5	100.1	100.3	18.3	18.4	99.4	94.3	143	139	102.9	100.0
R1	6.9	7.0	98.6	109.5	69.1	69.1	100.0	100.6	69.3	69.3	100.0	99.8	19.4	19.3	100.5	100.0	138	137	100.7	96.5
T1	6.0	6.0	100.0	95.2	67.9	67.7	100.3	98.8	68.5	68.3	100.3	98.7	20.2	20.4	99.0	104.1	148	154	96.1	103.5
Z1	6.0	6.4	93.8	95.2	68.5	68.7	99.7	99.7	69.9	69.8	100.1	100.7	20.2	19.8	102.0	104.1	138	137	100.7	96.5
D2	7.0	7.0	100.0	111.1	68.8	68.7	100.1	100.1	69.4	69.4	100.0	100.0	20.3	19.4	104.6	104.6	143	140	102.1	100.0
E2	6.6	6.4	103.1	104.8	69.1	69.1	100.0	100.6	69.4	69.4	100.0	100.0	19.0	18.7	101.6	97.9	142	141	100.7	99.3
M2		5.8				69.2				69.8				21.6				139		
P2	6.5	6.7	97.0	103.2	69.1	69.2	99.8	100.6	69.3	69.4	99.8	99.8	18.4	19.1	96.3	94.8	166	158	105.1	116.1
Q2	5.9	5.6	105.4	93.6	68.3	68.1	100.3	99.4	69.7	69.7	100.0	100.4	18.6	19.8	93.9	95.9	166	146	113.7	116.1
S2		5.9				69.4				69.6				21.0				155		
T2	6.2	6.4	96.9	98.4	68.2	69.4	98.3	99.3	69.4	70.4	98.6	100.0	19.6	19.7	99.5	101.0	139	140	99.3	97.2
X2	5.8	5.8	100.0	92.1	69.3	69.2	100.1	100.9	69.5	69.4	100.1	100.1	20.5	20.5	100.0	105.7	138	139	99.3	96.5
H3	5.8	5.9	98.3	92.1	69.4	69.4	100.0	101.0	69.6	69.6	100.0	100.3	20.1	20.5	98.0	103.6	143	142	100.7	100.0
J3	6.9	6.7	103.0	109.5	68.9	68.6	100.4	100.3	69.6	69.4	100.3	100.3	19.1	18.8	101.6	98.4	135	139	97.1	94.4
Q3	6.6	6.3	104.8	104.8	69.0	69.1	99.8	100.4	69.2	69.3	99.8	99.7	18.8	19.1	98.4	96.9	156	145	107.6	109.1
P3	5.1	5.8	87.9	81.0	69.4	69.3	100.1	101.0	69.6	69.5	100.1	100.3	19.9	19.8	100.5	102.6	139	138	100.7	97.2
T3	5.9	6.0	98.3	93.6	68.0	68.2	99.7	99.0	69.4	69.6	99.7	100.0	17.0	17.4	97.7	87.6	142	140	101.4	99.3
V3	6.1	6.3	96.8	96.8	69.3	68.9	100.6	100.9	69.5	69.1	100.6	100.1	20.1	18.8	106.9	103.6	137	139	98.6	95.8
W3	6.2	6.3	98.4	98.4	68.8	69.2	99.4	100.1	69.0	69.4	99.4	99.4	19.7	19.8	99.5	101.5	141	140	100.7	98.6
X3	7.0	6.7	104.5	111.1	68.9	69.0	99.8	100.3	69.1	69.2	99.8	99.6	20.1	18.6	108.1	103.6	136	140	97.1	95.1
Y3	5.9	6.6	89.4	93.6	69.1	68.9	100.3	100.6	69.7	69.5	100.3	100.4	19.5	19.4	100.5	100.5	143	141	101.4	100.0
A4	6.7	6.4	104.7	106.3	68.9	68.4	100.7	100.3	69.7	69.4	100.4	100.4	19.6	20.2	97.0	101.0	133	137	97.1	93.0
B4		6.7				66.8				67.6				19.7				142		
F4	5.5	5.4	101.8	87.3	67.5	67.6	99.8	98.2	69.2	69.4	99.7	99.7	19.9	20.0	99.5	102.6	159	157	101.3	111.2
G4	6.3	6.6	95.4	100.0	69.3	69.6	99.6	100.9	69.5	69.8	99.6	100.1	19.1	19.0	100.5	98.4	151	147	102.7	105.6
N4	6.7	6.7	100.0	106.3	68.6	68.4	100.3	99.8	69.4	69.2	100.3	100.0	17.5	17.6	99.4	90.2	150	151	99.3	104.9
O4		6.9				69.0				69.5				19.8				141		
R4	5.8	6.0	96.7	92.1	67.9	68.3	99.4	98.8	69.4	69.6	99.7	100.0	18.5	19.8	93.4	95.6	146	140	104.3	102.1
S4	6.3	6.2	101.6	100.0	68.1	68.2	99.8	99.1	69.2	69.4	99.7	99.7	18.5	19.4	95.4	95.4	146	144	101.4	102.1
FKBG DATA																				
CUR. AV.	6.2				68.6				69.4				19.4				144			
CUM. AV.	6.3				68.7				69.4				19.4				143			
IND. *D	98.4				99.8				100.0				100.0				100.7			

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE XIX

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 69 LB FOURDRINIER KRAFT LINERBOARD

JUNE, 1985

	MOISTURE CONTENT, PERCENT				BASIS WT., LB / M SQ FT				ADJ. BASIS WT.,*A LB / M SQ FT				CALIPER, PT				BURSTING STRENGTH, P S I G			
	MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA			
CODE	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
C1	7.1	6.9	102.9	114.5	69.0	68.8	100.3	100.4	69.6	69.4	100.3	100.3	19.1	19.3	99.0	98.4	136	137	99.3	95.1
D1	5.8	6.0	96.7	93.5	68.6	68.3	100.4	99.8	70.1	69.6	100.7	101.0	19.1	19.3	99.0	98.4	143	144	99.3	100.0
H1	6.3	6.0	105.0	101.6	66.8	66.7	100.1	97.2	67.9	68.0	99.8	97.8	20.4	19.7	103.6	105.2	145	145	100.0	101.4
K1	5.9	5.8	101.7	95.2	69.0	69.1	99.8	100.4	69.2	69.3	99.8	99.7					147	143	102.8	102.8
L1		6.6				68.0				69.0				21.3				148		
O1	5.2	5.6	92.8	83.9	67.5	67.9	99.4	98.2	69.4	69.5	99.8	100.0	18.2	18.4	98.9	93.8	143	140	102.1	100.0
R1	6.9	7.0	98.6	111.3	69.1	69.0	100.1	100.6	69.3	69.2	100.1	99.8	19.2	19.3	99.5	99.0	136	137	99.3	95.1
T1	5.9	6.0	98.3	95.2	67.7	67.8	99.8	98.5	68.3	68.4	99.8	98.4	20.0	20.4	98.0	103.1	144	154	93.5	100.7
Z1	5.9	6.3	93.6	95.2	68.2	68.7	99.3	99.3	69.6	69.8	99.7	100.3	19.3	19.9	97.0	99.5	133	137	97.1	93.0
D2	7.2	7.0	102.8	116.1	68.8	68.7	100.1	100.1	69.3	69.3	100.0	99.8	19.6	19.5	100.5	101.0	146	140	104.3	102.1
E2	6.9	6.4	107.8	111.3	69.8	69.1	101.0	101.6	70.1	69.4	101.0	101.0	18.9	18.8	100.5	97.4	141	141	100.0	98.6
M2		5.8				69.2				69.8				21.6				139		
P2	6.7	6.7	100.0	108.1	69.1	69.2	99.8	100.6	69.3	69.4	99.8	99.8	19.0	19.1	99.5	97.9	161	159	101.2	112.6
Q2	5.7	5.7	100.0	91.9	68.1	68.2	99.8	99.1	69.7	69.7	100.0	100.4	18.7	19.7	94.9	96.4	145	150	96.7	101.4
S2	4.5	5.9	76.3	72.6	69.4	69.4	100.0	101.0	69.6	69.6	100.0	100.3	20.0	21.0	95.2	103.1	147	155	94.8	102.8
T2	6.3	6.4	98.4	101.6	68.6	69.3	99.0	99.8	69.7	70.4	99.0	100.4	19.6	19.7	99.5	101.0	139	140	99.3	97.2
X2	5.8	5.8	100.0	93.5	69.3	69.2	100.1	100.9	69.5	69.4	100.1	100.1	20.2	20.5	98.5	104.1	142	139	102.2	99.3
H3	5.7	5.9	96.6	91.9	69.6	69.4	100.3	101.3	69.8	69.6	100.3	100.6	20.1	20.4	98.5	103.6	143	142	100.7	100.0
J3		6.8				68.6				69.4				18.8				139		
D3	6.7	6.3	106.3	108.1	69.0	69.1	99.8	100.4	69.2	69.3	99.8	99.7	18.6	19.1	97.4	95.9	152	146	104.1	106.3
P3	5.2	5.7	91.2	83.9	69.3	69.3	100.0	100.9	69.5	69.5	100.0	100.1	20.0	19.8	101.0	103.1	137	138	99.3	95.8
T3	5.5	5.9	93.2	88.7	67.5	68.2	99.0	98.2	69.2	69.6	99.4	99.7	16.9	17.4	97.1	87.1	143	140	102.1	100.0
V3		6.3				69.0				69.2				18.9				138		
W3		6.3				69.1				69.3				19.8				140		
X3	6.9	6.7	103.0	111.3	69.0	69.0	100.0	100.4	69.2	69.2	100.0	99.7	19.7	18.6	105.9	101.5	131	139	94.2	91.6
Y3	5.9	6.6	89.4	95.2	69.0	68.9	100.1	100.4	69.6	69.5	100.1	100.3	19.4	19.4	100.0	100.0	135	141	95.7	94.4
A4	6.5	6.4	101.6	104.8	68.4	68.4	100.0	99.6	69.4	69.4	100.0	100.0	20.3	20.1	101.0	104.6	136	137	99.3	95.1
B4		6.7				66.8				67.6				19.7				142		
F4	5.1	5.4	94.4	82.2	67.7	67.6	100.1	98.5	69.7	69.4	100.4	100.4	20.0	20.0	100.0	103.1	163	156	104.5	114.0
G4	6.6	6.5	101.5	106.4	69.8	69.6	100.3	101.6	70.0	69.8	100.3	100.9	19.2	19.0	101.0	99.0	146	148	98.6	102.1
N4	6.7	6.7	100.0	108.1	68.6	68.4	100.3	99.8	69.4	69.2	100.3	100.0	17.6	17.6	100.0	90.7	149	151	98.7	104.2
O4		6.9				69.0				69.5				19.9				141		
R4	5.6	5.9	94.9	90.3	67.7	68.3	99.1	98.5	69.3	69.6	99.6	99.8	18.8	19.8	94.9	96.9	153	141	108.5	107.0
S4	6.2	6.1	101.6	100.0	68.2	68.1	100.1	99.3	69.4	69.4	100.0	100.0	18.3	19.3	94.8	94.3	145	144	100.7	101.4
FKBG DATA																				
CUR. AV.	6.1				68.6				69.4				19.2				144			
CUM. AV.	6.2				68.7				69.4				19.4				143			
IND. *D	98.4				99.8				100.0				99.0				100.7			

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE XX

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 69 LB FOURDRINIER KRAFT LINERBOARD

RING COMPRESSION, LBS.

	APRIL, 1985				MAY, 1985				JUNE, 1985			
	MACHINE DATA				MACHINE DATA				MACHINE DATA			
	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
C1												
D1	115.0	111.2	103.4	99.2	118.0	111.2	106.1	101.7	116.0	111.4	104.1	100.0
H1	127.0			109.6		127.0			118.0	127.0	92.9	101.7
K1	120.0	119.7	100.2	103.5	120.0	120.3	99.8	103.4	115.0	121.0	95.0	99.1
L1												
O1	110.0	111.9	98.3	94.9	109.0	110.3	98.8	94.0	108.0	110.2	98.0	93.1
R1	129.0	127.4	101.2	111.3	129.0	127.8	100.9	111.2		127.3		
T1	125.0	119.5	104.6	107.8	119.0	119.8	99.3	102.6	124.0	119.4	103.8	106.9
Z1	100.7	115.9	86.9	86.9	120.5	114.9	104.9	103.9	114.3	115.5	99.0	98.5
D2	121.0			104.4	112.0	121.0	92.6	96.6	116.0	116.5	99.6	100.0
E2	130.0			112.2	118.0	130.0	90.8	101.7	121.0	124.0	97.6	104.3
H2		111.0				111.0				111.0		
P2	114.0	116.3	98.0	98.4	126.0	116.6	108.1	108.6	137.0	117.8	116.3	118.1
Q2	115.9	122.2	94.8	100.0	132.1	120.9	109.3	113.9	129.6	122.3	106.0	111.7
S2	103.0	98.6	104.5	88.9		99.3			108.0	99.3	108.8	93.1
T2	130.0	129.7	100.2	112.2	130.0	129.9	100.1	112.1	124.0	130.4	95.1	106.9
X2	112.0	113.4	98.8	96.6	116.0	113.8	100.2	98.3	112.0	113.7	98.5	96.6
H3	112.0	121.6	92.1	96.6	110.0	120.8	91.0	94.8	115.0	119.6	96.2	99.1
J3												
O3	118.2	108.1	109.3	102.0	113.8	109.0	104.4	98.1	110.9	109.7	101.1	95.6
P3	120.0	123.0	97.6	103.5	129.0	122.6	105.2	111.2	116.0	123.8	93.7	100.0
T3	129.0	115.8	111.4	111.3	128.0	117.5	108.9	110.3	136.0	118.8	114.5	117.2
V3												
W3												
X3		121.0			119.1	120.0	99.2	102.7	118.8	119.0	99.8	102.4
Y3	122.0	118.5	103.0	105.3	119.0	119.0	100.0	102.6	118.0	118.9	99.2	101.7
A4	114.0	110.8	102.9	98.4	121.0	110.8	109.2	104.3	117.0	111.3	105.1	100.9
B4												
F4	102.0	104.2	97.9	88.0	93.0	103.6	89.8	80.2	107.0	102.1	104.8	92.2
G4												
N4	106.0	99.6	106.4	91.4	103.5	100.8	102.7	89.2	109.4	101.1	108.2	94.3
O4		137.5				137.5				136.0		
R4					133.0			114.6		133.0		
S4	108.0	116.1	93.0	93.2	104.0	115.4	90.1	89.6	109.0	116.2	95.4	94.0

FKBG DATA			
CUR. AV.	116.7	118.3	117.4
CUM. AV.	115.9	116.0	116.0
IND. *D	100.7	102.0	101.2

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE XXI

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 90 LB FOURDRINIER KRAFT LINERBOARD

APRIL, 1985

	MOISTURE CONTENT, PERCENT				BASIS WT., LB / M SQ FT				ADJ. BASIS WT., *A LB / M SQ FT				CALIPER, PT				BURSTING STRENGTH, P S I G			
	MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA			
CODE	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
D1	6.4	6.2	103.2	100.0	89.5	89.4	100.1	99.9	90.8	90.9	99.9	100.1	24.2	25.4	95.3	95.6	175	177	98.9	101.2
T1		8.9				89.5				90.3				26.8				177		
E2		7.0				90.2				90.6				25.6				188		
P2	6.7	6.6	101.5	104.7	90.0	90.4	99.6	100.4	90.3	90.6	99.7	99.6	23.9	25.1	95.2	94.5	201	188	106.9	116.2
T2	6.6	6.4	103.1	103.1	90.7	90.8	99.9	101.2	91.9	92.1	99.8	101.3	26.4	26.4	100.0	104.3	163	155	105.2	94.2
X2	6.0	5.7	105.3	93.8	90.2	90.3	99.9	100.7	90.5	90.6	99.9	99.8	25.4	26.3	96.6	100.4	168	163	103.1	97.1
H3		5.9				90.1				90.4				26.0				170		
J3	7.2	7.6	94.7	112.5	89.7	90.1	99.6	100.1	90.3	90.2	100.1	99.6	24.2	25.6	94.5	95.6	158	158	100.0	91.3
O3	6.0			93.8	90.0			100.4	90.3			99.6	25.1			99.2	174			100.6
T3	5.6	6.0	93.3	87.5	88.4	89.2	99.1	98.7	90.5	91.0	99.4	99.8	23.3	23.1	100.9	92.1	165	170	97.0	95.4
X3		6.6				89.9				90.2				24.2				168		
Z3		6.9				89.8				90.7				28.1				159		
A4	5.8	6.0	96.7	90.6	88.0	89.1	98.8	98.2	89.9	90.9	98.9	99.1	25.4	26.4	96.2	100.4	178	165	107.9	102.9
F4	5.6	5.4	103.7	87.5	89.0	88.2	100.9	99.3	91.1	90.5	100.7	100.4	27.3	26.3	103.8	107.9	172	176	97.7	99.4
G4	6.6	6.4	103.1	103.1	89.4	90.4	98.9	99.8	89.7	90.8	98.8	98.9	24.7	24.9	99.2	97.6	181	186	97.3	104.6
N4	6.9	6.9	100.0	107.8	89.5	89.4	100.1	99.9	90.4	90.4	100.0	99.7	23.2	23.1	100.4	91.7	169	189	100.0	109.2
R4		6.0				89.9				91.7				26.5				159		
S4	6.8	6.1	111.5	106.2	89.3	88.7	100.7	99.7	90.3	90.3	100.0	99.6	25.1	25.2	99.6	99.2	179	173	103.5	103.5
FKBG DATA																				
CUR. AV.	6.4				89.5				90.5				24.8				175			
CUM. AV.	6.4				89.6				90.7				25.3				173			
IND. *D	100.0				99.9				99.8				98.0				101.2			

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE XXII

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 90 LB FOURDRINIER KRAFT LINERBOARD

MAY, 1985

	MOISTURE CONTENT, PERCENT				BASIS WT., LB / M SQ FT				ADJ. BASIS WT.,,*A LB / M SQ FT				CALIPER, PT				BURSTING STRENGTH, P S I G			
	MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA			
CODE	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
D1		6.3				89.4				90.9				25.3				177		
T1	6.5	6.9	95.5	132.8	89.3	89.5	99.8	99.7	90.1	90.3	99.8	99.3	26.6	26.7	99.6	105.6	173	178	97.2	100.0
E2		7.0				90.2				90.6				25.6				188		
P2	6.6	6.6	100.0	103.1	90.0	90.3	99.7	100.4	90.3	90.6	99.7	99.6	24.5	25.0	98.0	97.2	182	190	95.8	105.2
T2	6.4	6.4	100.0	100.0	89.8	90.6	99.1	100.2	91.1	91.9	99.1	100.4	26.2	26.3	99.6	104.0	153	156	98.1	88.4
X2	5.7	5.7	100.0	89.1	90.3	90.3	100.0	100.8	90.6	90.6	100.0	99.9	25.4	26.2	96.9	100.8	164	164	100.0	96.8
H3		6.0				90.1				90.4				26.3				167		
J3	7.0	7.5	93.3	109.4	89.8	90.0	99.8	100.2	90.6	90.3	100.3	99.9	26.0	25.1	103.6	103.2	159	158	100.6	91.9
Q3		6.0				90.0				90.3				25.1				174		
T3	5.8	5.9	98.3	90.6	89.5	89.1	100.4	99.9	91.5	91.0	100.5	100.9	23.9	23.2	103.0	94.8	180	170	105.9	104.0
X3	7.0	6.6	106.1	109.4	90.0	89.9	100.1	100.4	90.3	90.2	100.1	99.6	26.6	24.3	109.5	105.6	159	168	94.6	91.9
Z3		6.9				89.8				90.7				26.1				159		
A4	6.6	6.0	110.0	103.1	89.2	89.0	100.2	99.6	90.4	90.8	99.6	99.7	25.7	26.4	97.3	102.0	161	166	97.0	93.1
F4	5.3	5.5	96.4	82.8	89.0	88.3	100.8	99.3	91.4	90.5	101.0	100.8	22.6	26.4	85.6	89.7	164	175	93.7	94.8
G4	6.7	6.4	104.7	104.7	90.9	90.4	100.6	101.4	91.2	90.7	100.6	100.6	24.9	24.9	100.0	98.8	178	186	95.7	102.9
N4	6.7	6.9	97.1	104.7	89.5	89.5	100.0	99.9	90.6	90.4	100.2	99.9	22.9	23.2	98.7	90.9	191	189	101.0	110.6
R4		6.0				89.9				91.7				26.5				159		
S4	6.7	6.2	108.1	104.7	89.2	88.7	100.6	99.6	90.3	90.3	100.0	99.6	25.7	25.2	102.0	102.0	174	174	100.0	100.6
FKBG DATA																				
CUR. AV.	6.6				89.7				90.7				25.1				170			
CUM. AV.	6.4				89.6				90.7				25.2				173			
IND. *D	103.1				100.1				100.0				99.6				98.3			

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE XXIII

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 90 LB FOURDRINIER KRAFT LINERBOARD

JUNE, 1985

	MOISTURE CONTENT, PERCENT				BASIS WT., LB / M SQ FT				ADJ. BASIS WT.,*A LB / M SQ FT				CALIPER, PT				BURSTING STRENGTH, P S I G			
		MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA		
CODE	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
D1		6.3				89.5				90.9				25.3				176		
T1	8.3	8.8	94.3	129.7	88.8	89.5	99.2	99.1	89.6	90.3	99.2	98.8	25.7	26.7	96.2	102.0	181	177	102.2	104.6
E2		7.0				90.2				90.6				25.6				188		
P2	6.9	6.6	104.5	107.8	90.0	90.3	99.7	100.4	90.3	90.6	99.7	99.6	25.0	24.9	100.4	99.2	186	189	98.4	107.5
T2	6.3	6.4	98.4	98.4	89.5	90.5	98.9	99.9	90.9	91.9	98.9	100.2	26.3	26.3	100.0	104.4	155	155	100.0	89.6
X2	5.6	5.7	98.2	87.5	90.3	90.3	100.0	100.8	90.6	90.6	100.0	99.9	26.3	26.0	101.2	104.4	167	164	101.8	96.5
H3		6.0				90.1				90.4				26.4				168		
J3		7.4				89.9				90.4				25.4				158		
O3		6.0				90.0				90.3				25.1				174		
T3	5.8	5.9	98.3	90.6	88.4	89.2	99.1	98.7	90.3	91.0	99.2	99.6	22.2	23.3	95.3	88.1	164	170	96.5	94.8
X3	6.8	6.7	101.5	106.2	89.8	89.9	99.9	100.2	90.1	90.2	99.9	99.3	26.5	24.5	108.2	105.2	154	167	92.2	89.0
Z3		6.9				89.8				90.7				28.1				159		
A4	6.6	6.0	110.0	103.1	89.4	89.0	100.4	99.8	90.6	90.6	100.0	99.9	26.5	26.2	101.1	105.2	164	166	98.8	94.8
F4	6.0	5.4	111.1	93.8	88.9	88.3	100.7	99.2	90.7	90.5	100.2	100.0	27.2	26.0	104.6	107.9	175	174	100.6	101.2
G4	6.5	6.4	101.6	101.6	90.9	90.4	100.6	101.4	91.2	90.7	100.6	100.6	24.5	24.9	98.4	97.2	178	185	96.2	102.9
N4	6.3	6.9	91.3	98.4	89.6	89.4	100.2	100.0	91.0	90.4	100.7	100.3	23.0	23.1	99.6	91.3	193	188	102.6	111.6
R4		6.0				89.9				91.7				26.5				159		
S4	6.7	6.2	108.1	104.7	89.2	88.8	100.4	99.6	90.3	90.3	100.0	99.6	25.7	25.2	102.0	102.0	174	174	100.0	100.6
FKBG DATA																				
CUR. AV.	6.5				89.5				90.5				25.4				172			
CUM. AV.	6.4				89.6				90.7				25.2				173			
IND. *D	101.6				99.9				99.8				100.8				99.4			

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE XXIV

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 90 LB FOURDRINIER KRAFT LINERBOARD

RING COMPRESSION, LBS.

	APRIL, 1985				MAY, 1985				JUNE, 1985			
	MACHINE DATA				MACHINE DATA				MACHINE DATA			
	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
D1	156.0	151.8	102.8	103.3		152.2				152.1		
T1		144.7			149.0	144.4	103.2	98.7	156.0	145.2	107.4	103.2
E2												
P2	154.0	150.4	102.4	102.0	174.0	150.8	115.4	115.2	174.0	152.8	113.9	115.1
T2	161.0	150.4	107.0	106.6	165.0	150.8	109.4	109.3	167.0	152.5	109.5	110.4
X2	145.0	147.0	98.6	96.0	163.0	145.9	111.7	107.9	155.0	148.0	104.7	102.5
H3		164.1				166.3				169.5		
J3												
O3	139.0			92.0		139.0				139.0		
T3	171.0	168.0	101.8	113.2	168.0	169.4	99.2	111.2	176.0	169.7	103.7	116.4
X3		155.1			155.8	155.0	100.5	103.2	155.7	153.9	101.2	103.0
Z3												
A4	155.0	151.5	102.3	102.6	150.0	151.9	98.7	99.3	163.0	151.8	107.4	107.8
F4	153.0	141.6	108.0	101.3	129.0	140.7	91.7	85.4	138.0	138.2	99.8	91.3
G4												
N4	146.3	139.2	105.1	96.9	152.3	140.5	108.4	100.9	158.9	141.2	112.5	105.1
R4												
S4	139.0	151.9	91.5	92.0	139.0	150.6	92.3	92.0	139.0	150.3	92.5	91.9
FK8G DATA												
CUR. AV.	151.9				154.5				158.3			
CUM. AV.	151.0				151.0				151.2			
IND. *D	100.6				102.3				104.7			

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

Data submitted by the participating mills relative to conditioning and testing environments are summarized in Table XXV. 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 month varies for these reasons: a machine must have (a) produced at least 500 tons of the pertinent grade weight during the specified month, or (b) produced 500 tons of the pertinent grade weight during any one or more of the 12 months prior to the specified month (so that a cumulative average is available), to be included in a given table.

TABLE XXV

DATA ON CONDITIONING AND TESTING ENVIRONMENTS

APRIL, MAY, JUNE, 1985

	Conditioning Environment				Testing Environment
	Are Quality Samples	Procedure			Are Quality Samples Tested
Code	Conditioned Before Testing?	Time	Temp., °F	RH, %	Under Controlled Conditions of Temperature & Humidity?
C1	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH
D1	Yes	10 min	70	50	Yes: 70 ± 4°F; 50 ± 5% RH
H1	Yes	20 min	--	--	Yes: 72 ± 3.5°F; 50 ± 2% RH
J1	No	--	--	--	Yes: 72 ± 2°F; 50 ± 2% RH
K1	No	--	--	--	No
L1	Yes	15 min	--	--	Yes: 73 ± 2°F; 50 ± 1% RH
M1	No	--	--	--	Yes: 73°F; 50% RH
N1	Yes	10 min	70	50	Yes: 70 ± 4°F; 50 ± 5% RH
O1	No	--	--	--	No
R1	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH
T1	No	--	--	--	Yes: 70 ± 2°F; 50 ± 2% RH
Y1	No	--	--	--	No
Z1	No	--	--	--	Yes: 73 ± 3.5°F; 50 ± 2% RH
D2	No	--	--	--	Yes: 72 ± 3°F; 50 ± 2% RH
E2	No	--	--	--	Yes: 73 ± 3°F; 50 ± 2% RH
F2	No	--	--	--	Yes: 73 ± 3°F; 50 ± 2% RH
L2	No	--	--	--	Yes: 73 ± 3°F; 50 ± 3% RH
M2	No	--	--	--	No
N2	No	--	--	--	Yes: 70 ± 2°F; 50 ± 2% RH
P2	No	--	--	--	Yes: 73°F; 50% RH
Q2	No	--	--	--	Yes: 73 ± 3.5°F; 50 ± 2% RH
S2	Yes	15 min	--	--	Yes: 73 ± 3.5°F; 50 ± 3% RH
T2	No	--	--	--	No
U2	Yes	10 min	70	50	Yes: 70 ± 4°F; 50 ± 5% RH
W2	No	--	--	--	No
X2	No	--	--	--	Yes: 73 ± 3°F; 50 ± 2% RH
Y2	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH
E3	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH
H3	No	--	--	--	No
I3	No	--	--	--	Yes: 73 ± 3°F; 50 ± 2% RH
J3	No	--	--	--	Yes: 72 ± 5°F; 50 ± 5% RH
O3	No	--	--	--	No
P3	No	--	--	--	Yes: 72 ± 2°F; 50 ± 2% RH
R3	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH
S3	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH
T3	No	--	--	--	Yes: 73 ± 3°F; 50 ± 3% RH
U3	No	--	--	--	Yes: 73 ± 3°F; 50 ± 1% RH
V3	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH
W3	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH
X3	Yes	7 min	--	--	Yes: 73 ± 2°F; 50 ± 2% RH
Y3	No	--	--	--	No
Z3	No	--	--	--	Yes: 72 ± 5°F; 50 ± 5% RH
A4	Yes	10 min	--	--	Yes: 72 ± 2°F; 50 ± 2% RH
B4	No	--	--	--	Yes: 72 ± 3°F; 50 ± 2% RH
E4	No	--	--	--	Yes: 73 ± 3°F; 50 ± 1% RH
F4	No	--	--	--	Yes: 73°F; 50% RH
G4	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH
H4	Yes	10 min	--	--	Yes: 72 ± 2°F; 50 ± 2% RH
I4	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH
M4	No data was submitted for this quarter				
N4	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH
O4	No	--	--	--	Yes: 73°F; 50% RH
R4	Yes	--	73	50	Yes: 73 ± 2°F; 50 ± 2% RH
S4	No	--	--	--	Yes: 72 ± 2°F; 50 ± 1% RH

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APPENDIX

NOTES A, B, C, AND D, USED IN TABULATIONS OF MILL DATA

Notes A, B, C, and D, used in the tables of mill data are given below; these notes define the procedure used in calculating adjusted basis weight, machine factor, 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 factor (%) $= \left[\frac{\text{Current machine average}}{\text{Cumulative machine average}}\right] \cdot 100$ where

$$\text{Cumulative machine average} = \sum \frac{\text{CMA's}^a \text{ for previous 12 months exluding CMA for current month}}{12}$$

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

$$\text{Cumulative F.K.B.G. average} = \sum \frac{\text{CFKBGA's}^b \text{ for previous 12 months excluding CFKBGA for current month}}{12}$$

Note D: 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

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

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

[b] CFKBGA = current F.K.B.G. average for a specific physical property of a specific linerboard grade weight obtained during a given month.