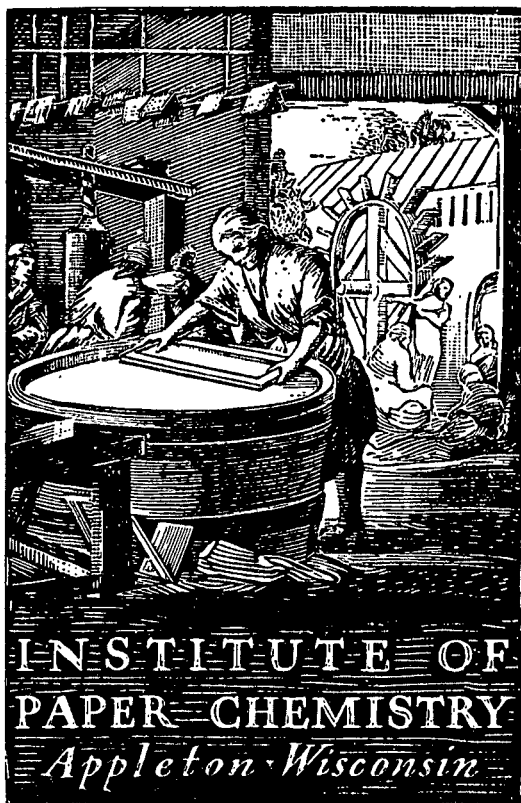




BASE-LINE

2nd QUARTER, 1978

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for 3 weeks*

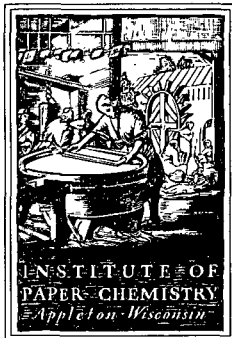
**CONTINUOUS BASE-LINE STUDY (MODIFIED)
(MILL LINERBOARD DATA FOR
APRIL, MAY, JUNE, 1978)**

Project 2694-1

**Report Sixty-eight
A Progress Report
to**

**FOURDRINIER KRAFT BOARD GROUP
of The
AMERICAN PAPER INSTITUTE**

August 31, 1978



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

August 31, 1978

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 Sixty-Eight, Project 2694-1, a progress report entitled "Continuous Baseline Study (Modified); Mill Linerboard Data for April, May and June, 1978" dated August 31, 1978.

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.

Very truly yours,

Gerald R. Kloth
Research Fellow
Engineering Division

GRK/pb
Enclosure

Georgia-Pacific

Your paper machine is identified by the
following code letter in this report

Toledo

No. 1

A3

BASE-LINE
2nd Quarter, 1978

THE INSTITUTE OF PAPER-CHEMISTRY

Appleton, Wisconsin

CONTINUOUS BASE-LINE STUDY (MODIFIED)
(MILL LINERBOARD DATA FOR APRIL, MAY, JUNE, 1978)

Project 2694-1

Report Sixty-eight

A Progress Report

to

FOURDRINIER KRAFT BOARD GROUP

of The

AMERICAN PAPER INSTITUTE

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August 31, 1978

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THE INSTITUTE OF PAPER CHEMISTRY

Appleton, Wisconsin

CONTINUOUS BASE-LINE STUDY (MODIFIED)
(MILL LINERBOARD DATA FOR APRIL, MAY, AND JUNE, 1978)

SUMMARY

PART I: SUMMARY OF MOISTURE CONTENT DATA
(MARCH-JUNE, 1978)

Linerboard Grade Wt.		Moisture Content			
		March	April	May	June
26 Lb	Max. ^a	6.4	5.9	6.4	7.2
	Min. ^a	2.4	2.3	2.5	2.0
	Av. ^b	4.6 (16)	4.5 (18)	4.9 (21)	4.8 (18)
33 Lb	Max. ^a	6.1	6.4	6.4	6.2
	Min. ^a	2.1	2.2	2.2	2.3
	Av. ^b	4.8 (24)	4.9 (24)	4.9 (23)	4.9 (27)
38 Lb	Max. ^a	6.3	6.6	7.5	6.6
	Min. ^a	3.2	3.0	2.7	2.5
	Av. ^b	5.0 (22)	5.1 (23)	5.2 (17)	4.9 (24)
42 Lb	Max. ^a	7.1	7.2	7.0	6.9
	Min. ^a	3.4	3.5	3.4	3.6
	Av. ^b	5.3 (42)	5.4 (40)	5.5 (41)	5.3 (42)
69 Lb	Max. ^a	8.0	7.9	7.9	7.9
	Min. ^a	3.7	3.9	3.4	2.5
	Av. ^b	6.0 (31)	6.0 (31)	6.1 (30)	5.9 (32)
90 Lb	Max. ^a	7.4	7.6	7.3	7.2
	Min. ^a	3.6	3.2	5.5	5.5
	Av. ^b	5.9 (16)	5.9 (13)	6.2 (13)	6.4 (11)

^aCurrent machine average.

^bCurrent FKBG average, number of machines is indicated in parentheses.

PART II: SUMMARY OF ADJUSTED BASIS WEIGHT DATA
(MARCH-JUNE, 1978)

Linerboard Grade Wt.		Adjusted Basis Weight, lb/M ft ²			
		March	April	May	June
26 Lb	Max. ^a	27.8	27.5	28.4	27.3
	Min. ^a	26.1	26.1	25.9	25.7
	Av. ^b	26.6 (16)	26.6 (18)	26.6 (21)	26.4 (18)
33 Lb	Max. ^a	34.8	34.7	35.0	35.0
	Min. ^a	33.0	33.0	33.1	33.1
	Av. ^b	33.6 (24)	33.6 (24)	33.6 (23)	33.6 (27)
38 Lb	Max. ^a	40.3	41.2	40.1	40.4
	Min. ^a	38.0	37.9	37.9	38.1
	Av. ^b	38.7 (22)	38.6 (23)	38.5 (17)	38.6 (24)
42 Lb	Max. ^a	43.9	43.7	44.5	43.9
	Min. ^a	41.8	41.7	42.0	42.0
	Av. ^b	42.5 (42)	42.4 (40)	42.5 (41)	42.5 (42)
69 Lb	Max. ^a	71.5	71.0	70.7	71.1
	Min. ^a	68.4	68.0	68.7	68.8
	Av. ^b	69.5 (31)	69.5 (31)	69.4 (30)	69.6 (32)
90 Lb	Max. ^a	92.9	92.4	95.1	91.8
	Min. ^a	88.6	89.5	89.5	89.7
	Av. ^b	90.6 (16)	90.7 (13)	90.8 (13)	90.6 (11)

^aCurrent machine average.

^bCurrent FKBG average, number of machines is indicated in parentheses.

PART III: SUMMARY OF CALIPER DATA
(MARCH-JUNE, 1978)

Linerboard Grade Wt.		Caliper, pt.			
		March	April	May	June
26 Lb	Max. ^a	9.2	8.8	9.3	9.0
	Min. ^a	6.8	7.1	7.2	7.1
	Av. ^b	7.9 (16)	7.9 (17)	8.0 (21)	7.9 (18)
33 Lb	Max. ^a	11.1	11.3	12.0	11.8
	Min. ^a	8.7	9.1	9.0	8.9
	Av. ^b	9.9 (23)	9.9 (23)	10.0 (22)	10.0 (26)
38 Lb	Max. ^a	12.0	11.8	11.9	11.7
	Min. ^a	9.9	10.1	10.4	10.0
	Av. ^b	10.9 (21)	10.9 (22)	11.0 (16)	11.0 (23)
42 Lb	Max. ^a	14.2	13.9	14.4	14.0
	Min. ^a	11.1	11.2	11.1	10.8
	Av. ^b	12.1 (41)	12.0 (39)	12.1 (40)	12.1 (41)
69 Lb	Max. ^a	23.0	22.6	22.5	23.1
	Min. ^a	18.0	18.0	17.2	17.9
	Av. ^b	19.7 (30)	19.6 (31)	19.6 (29)	19.8 (32)
90 Lb	Max. ^a	26.8	27.7	27.4	26.9
	Min. ^a	24.1	24.1	24.3	23.1
	Av. ^b	25.4 (16)	25.6 (13)	25.4 (13)	25.2 (11)

^aCurrent machine average.

^bCurrent FKBG average, number of machines is indicated in parentheses.

PART IV: SUMMARY OF BURSTING STRENGTH DATA
(MARCH-JUNE, 1978)

Linerboard Grade Wt.		Bursting Strength, psig			
		March	April	May	June
26 Lb	Max. ^a	82	86	82	80
	Min. ^a	62	62	64	61
	Av. ^b	72 (16)	74 (18)	73 (21)	73 (18)
33 Lb	Max. ^a	100	103	103	99
	Min. ^a	79	79	79	78
	Av. ^b	86 (24)	87 (24)	87 (23)	87 (27)
38 Lb	Max. ^a	108	111	112	114
	Min. ^a	88	88	92	92
	Av. ^b	97 (22)	98 (23)	98 (17)	98 (24)
42 Lb	Max. ^a	116	115	117	118
	Min. ^a	97	97	98	98
	Av. ^b	105 (42)	105 (40)	105 (41)	105 (42)
69 Lb	Max. ^a	150	162	160	162
	Min. ^a	132	129	133	128
	Av. ^b	140 (31)	142 (31)	141 (30)	143 (32)
90 Lb	Max. ^a	189	184	190	187
	Min. ^a	158	157	156	157
	Av. ^b	171 (16)	170 (13)	170 (13)	169 (11)

^aCurrent machine average.

^bCurrent FKBG 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, and bursting strength 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, and bursting strength 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 ROUTINE MILL QUALITY CONTROL DATA FOR 26 LB FOURDRINIER KRAFT LINERBOARD
APRIL, 1978

CODE	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							
	CUR. AV.	CUM. FACT. #8	IND. #C	CUR. AV.	CUM. FACT. #8	IND. #C	CUR. AV.	CUM. FACT. #8	IND. #C	CUR. AV.	CUM. FACT. #8	IND. #C	CUR. AV.	CUM. FACT. #8	IND. #C					
C1	5.1		26.8	27.6			27.6			8.8			62							
E1	3.8		26.3	27.4			27.4			7.3			76							
F1	3.8	100.0	84.4	27.1	100.4	104.2	27.2	100.4	102.2	8.6	8.2	104.9	108.9	74	72	102.8	102.8			
G1	4.3	4.4	97.7	95.6	25.3	25.4	99.6	97.3	26.3	26.4	99.6	98.9	86	79	108.9	119.4				
J1	4.1	3.8	107.9	91.1	25.6	25.5	100.4	98.5	26.6	26.6	100.0	100.0	7.8	7.8	100.0	98.7	77	78	98.7	106.9
K1	5.0		26.1	26.8			26.8			8.4			70							
L1	5.3		26.2	27.3			27.3			8.2			69							
M1	4.0	3.7	108.1	88.9	26.5	27.0	98.1	101.9	26.6	27.1	98.2	100.0	7.8	7.5	104.0	98.7	66	70	94.3	91.7
N1	4.7		25.9	26.7			26.7			7.8			71							
P1	5.9	4.5	131.1	131.1	25.9	25.6	101.2	99.6	26.4	26.5	99.6	99.2	7.3	7.4	98.6	92.4	68	67	101.5	94.4
Q1	6.3		26.0	26.2			26.2			7.1			77							
R1	5.0	5.1	98.0	111.1	26.2	26.1	130.4	102.8	26.3	26.3	100.0	98.9	8.4	8.3	101.2	106.3	68	68	100.0	94.4
S1	1.4		26.2	28.0			28.0			8.3			66							
T1	5.6		25.8	26.4			26.4			7.9			65							
U1	3.9	4.0	97.5	86.7	26.2	26.4	99.2	100.8	27.3	27.4	99.6	102.6	7.7	7.7	100.0	97.5	84	75	112.0	116.7
X1	4.8	100.0	106.7	26.5	26.3	100.8	101.9	26.6	26.4	103.8	100.0	8.1	8.1	100.0	102.5	69	72	95.8	95.8	
A2	3.0	3.0	100.0	66.7	26.0	26.1	99.6	100.0	26.1	26.2	99.6	98.1	7.3	7.8	93.6	92.4	78	75	104.0	108.3
C2	2.3	2.7	85.2	51.1	25.2	25.3	99.6	96.9	26.7	26.7	100.0	100.4	7.7	8.3	92.8	97.5	78	74	105.4	108.3
F2	5.4	5.3	101.9	120.0	25.9	25.5	101.6	99.6	26.6	26.2	101.5	100.0	8.5	8.2	103.6	107.6	84	82	102.4	116.7
H2	4.9	4.8	102.1	108.9	25.7	25.6	100.4	98.8	26.5	26.4	100.4	99.6	8.1	8.1	100.0	102.5	70	73	95.9	97.2
J2	5.3	5.9	89.8	117.8	26.3	26.0	101.2	101.2	26.4	26.1	101.1	99.2					80	70	114.3	111.1
K2	4.6		27.4	27.6			27.6			8.0			66							
M2	6.4		26.0	26.1			26.1			7.1			65							
P2	5.6		26.1	26.7			26.7			8.0			70							
Q2	5.5	4.8	114.6	122.2	25.5	25.1	101.6	98.1	26.1	26.0	103.4	98.1	7.6	7.7	98.7	96.2	76	72	105.6	105.6
V2	3.8	3.3	115.2	84.4	25.1	25.1	100.0	96.5	26.2	26.3	99.6	98.5	7.1	6.3	112.7	89.9	70	73	95.9	97.2
X2	5.1	5.0	102.0	113.3	26.7	26.8	99.6	102.7	27.5	27.6	99.6	103.4	8.8	8.4	134.8	111.4	67	67	100.0	93.0
Y2	4.1	4.4	91.2	91.1	26.0	25.9	100.4	100.0	27.0	26.7	100.4	101.5	7.8	7.7	101.3	98.7	75	71	135.6	134.2
B3	5.0		26.0	26.8			26.8			9.2			72							
C3	6.5		26.0	26.2			26.2			7.3			78							
E3	5.9	5.7	103.5	131.1	26.0	26.0	100.0	100.0	26.1	26.1	100.0	98.1	7.7	7.3	105.5	97.5	62	63	98.4	86.1

FKBG DATA

CUR.	4.5	26.0	26.6	7.8	74
CUM.	4.5	26.0	26.6	7.9	72
IND.	100.0	100.0	98.7	102.8	

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, 1978																				
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												
CUR. AV.	FACT. #B	IND. #C	CUR. AV.	FACT. #B	IND. #C	CUR. AV.	FACT. #B	IND. #C	CUR. AV.	FACT. #B	IND. #C									
G4	6.0	5.7	105.3	133.3	26.9	26.9	100.0	103.5	27.4	27.5	99.6	103.0	9.3	8.8	105.7	117.7	64	62	103.2	88.9
E1	3.8	3.8	110.5	93.3	26.7	27.0	98.9	102.7	26.8	27.1	98.9	100.8	8.8	8.3	106.0	111.4	75	72	104.2	104.2
F1	4.2	4.4	95.4	93.3	25.4	25.4	100.0	97.7	26.4	26.4	100.0	99.2	7.7	7.6	101.3	97.5	81	80	101.2	112.5
G1	4.0	3.9	102.6	88.9	25.6	25.5	100.4	98.5	26.6	26.6	100.0	100.0	8.0	7.8	102.6	101.3	80	78	102.6	111.1
K1	5.1	5.1			26.1	26.1			26.8	26.8			8.4	8.4			70	70		
L1	5.3	5.3			26.2	26.2			27.0	27.0			8.2	8.2			69	69		
M1	4.2	3.7	113.5	93.3	26.3	27.0	97.4	101.2	26.4	27.0	97.8	99.2	7.9	7.5	105.3	100.0	74	70	105.7	102.8
N1	4.7	4.6	121.7	124.4	25.9	25.6	101.2	99.6	26.5	26.5	100.0	99.6	7.4	7.4	100.0	93.7	67	67	100.0	93.0
P1	5.6	4.6	121.7	124.4	25.9	25.6	101.2	99.6	26.5	26.5	100.0	99.6	7.4	7.4	100.0	93.7	67	67	100.0	93.0
Q1	6.2	6.3	98.4	137.8	26.4	26.0	101.5	101.5	26.5	26.2	101.1	99.6	7.2	7.1	101.4	91.1	70	77	90.9	97.2
R1	5.0	5.2	96.2	111.1	26.2	26.1	100.4	100.8	26.3	26.2	100.4	98.9	8.3	8.3	100.0	105.1	70	68	102.9	97.2
S1	1.4	1.4			26.2	26.2			28.0	28.0			8.3	8.3			66	66		
T1	5.3	5.6	94.6	117.8	27.7	25.8	107.4	106.5	28.4	26.5	107.2	106.8	8.3	7.9	105.1	105.1	69	65	106.2	95.8
U1	4.2	4.0	105.0	93.3	25.7	26.4	97.3	98.8	26.7	27.5	97.1	100.4	7.6	7.7	98.7	96.2	82	77	106.5	113.9
W1	6.4	6.4	142.2	25.5	25.5	25.5		98.1	25.9	97.4	8.0		8.2	8.1	101.2	103.8	67	72	93.0	93.0
X1	5.1	4.8	106.2	113.3	26.3	26.4	99.6	101.2	26.4	26.5	99.6	99.2	8.2	8.1	101.2	103.8	67	72	93.0	93.0
A2	3.1	3.0	103.3	68.9	26.2	26.1	100.4	100.8	26.3	26.2	100.4	98.9	7.7	7.8	98.7	97.5	71	75	94.7	98.6
C2	2.5	2.6	96.2	55.6	25.1	25.3	99.2	96.5	26.5	26.7	99.2	99.6	7.6	8.2	92.7	96.2	80	74	108.1	111.1
F2	5.4	5.3	101.9	120.0	25.7	25.5	100.8	98.8	26.4	26.2	100.8	99.2	8.6	8.2	104.9	108.9	81	82	98.8	112.5
H2	4.9	4.9			25.6	25.6			26.4	26.4			8.1	8.1			72	72		
J2	5.8	5.8			26.1	26.1			26.2	26.2			8.0	8.0			66	66		
K2	4.6	4.6			27.4	27.4			27.6	27.6			7.2	7.1	101.4	91.1	65	65	100.0	90.3
M2	6.2	6.4	96.9	137.8	26.0	26.0	100.0	100.0	26.1	26.1	100.0	98.1	7.2	7.1	101.4	91.1	65	65	100.0	90.3
P2	5.6	5.6			26.1	26.1			26.7	26.7			8.0	8.0			70	70		
Q2	5.4	4.9	110.2	120.0	25.5	25.2	101.2	98.1	26.2	26.0	100.8	98.5	7.8	7.7	101.3	98.7	77	72	106.9	106.9
V2	3.6	3.6			25.1	25.1			26.2	26.2			6.7	6.7			72	72		
X2	5.2	5.0	104.0	115.6	26.3	26.8	98.1	101.2	27.0	27.6	97.8	101.5	8.5	8.5	100.0	107.6	68	67	101.5	94.4
Y2	4.0	4.3	93.0	88.9	25.9	25.9	100.0	99.6	27.0	26.9	100.4	101.5	7.8	7.7	101.3	98.7	78	71	109.8	108.3
B3	5.0	5.0	100.0	111.1	25.9	26.0	99.6	99.6	26.7	26.8	99.6	100.4	9.0	9.2	97.8	113.9	68	71	95.8	94.4
C3	6.5	6.5			26.1	26.1			26.3	26.3			7.1	7.1			77	77		
E3	5.8	5.8	100.0	128.9	26.0	26.0	100.0	100.0	26.1	26.1	100.0	98.1	7.3	7.4	98.6	92.4	64	63	101.6	88.9

FK8G DATA

CUR.																				
AV.	4.9																			
CUM.																				
AV.																				
IND.																				
*D 108.9																				

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

JUNE, 1978

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		MACHINE DATA		MACHINE DATA		MACHINE DATA		MACHINE DATA			
CUR. AV.	FAC. #B	IND. #C	CUR. AV.	FAC. #B	IND. #C	CUR. AV.	FAC. #B	IND. #C	CUR. AV.	FAC. #B	IND. #C	CUR. AV.	FAC. #B	IND. #C	CUR. AV.	FAC. #B	IND. #C		
1C1	5-8		26-9			27-4			27-4			9-0			63				
1E1	3-8		26-3			27-4			27-4			7-3			76				
1F1	3-7	3-8	80-4	27-2	27-0	100-7	104-6	27-3	27-1	100-7	102-6	8-8	8-4	104-8	111-4	70	73		
1G1	4-0	4-4	90-9	87-0	25-2	25-4	99-2	96-9	26-2	26-4	99-2	98-5	7-6	7-6	100-0	96-2	77		
1J1	4-0			25-6				26-6				7-9			78				
1K1	5-1			26-1				26-8				8-4			70				
1L1	5-3			26-2				27-0				8-2			69				
1M1	4-3	3-7	116-2	93-5	26-6	26-9	98-9	102-3	26-7	27-0	98-9	100-4	7-7	7-6	101-3	97-5	69		
1N1	4-7			25-9				26-8				7-8			71				
1O1	5-6	4-7	119-1	92-5	25-9	25-6	101-2	99-6	26-5	26-5	100-0	99-6	7-3	7-4	98-6	92-4	68		
1P1	6-0	6-3	95-2	130-4	26-3	26-2	100-4	101-2	26-4	26-2	100-8	99-2	7-1	7-1	100-0	85-9	76		
1Q1	5-2	5-2	100-0	113-0	26-0	26-1	99-6	100-0	26-1	26-2	99-6	98-1	8-1	8-3	97-6	102-5	74		
1R1	1-5			26-3				26-1				8-3			66				
1S1	5-5			26-1				26-8				8-0			65				
1T1	3-6	4-1	87-8	78-3	25-5	25-3	97-0	98-1	26-7	27-4	97-4	100-4	8-1	7-7	105-2	102-5	80		
1U1	7-2	6-4	112-5	156-5	25-5	25-5	100-0	98-1	25-7	25-9	99-2	96-6	8-3	8-0	103-8	105-1	79		
1V1	4-8	4-8	100-0	104-3	26-3	26-4	99-6	101-2	26-4	26-5	99-6	99-2	8-0	8-1	98-8	101-3	70		
1W1	3-5	3-0	116-7	76-1	26-2	26-1	100-4	100-8	26-3	26-2	100-4	98-9	7-9	7-8	101-3	100-0	73		
1X1	2-0	2-6	76-9	43-5	25-0	25-2	99-2	98-2	26-6	26-6	100-0	100-0	7-9	8-1	97-5	100-0	77		
1Y1	5-2	5-3	98-1	113-0	25-5	25-6	99-6	98-1	26-2	26-2	100-0	98-5	8-3	8-3	100-0	105-1	80		
1Z1	4-9	4-9	100-0	106-5	25-6	25-6	100-0	98-5	26-4	26-4	100-0	99-2	8-3	8-1	102-5	105-1	72		
201	5-8			26-1				26-2				7-2			73				
211	4-6			27-4				27-6				8-0			66				
221	6-3			26-0				26-1				7-1			65				
231	5-6			26-1				26-7				8-0			70				
241	4-9			25-2				26-0				7-7			73				
251	3-6			25-1				26-2				6-7			72				
261	5-1	5-1	100-0	110-9	25-9	26-7	97-0	99-6	26-7	27-5	97-1	100-4	8-2	8-5	96-5	103-8	68		
271	4-2	4-3	97-7	91-3	25-8	25-9	99-6	99-2	26-8	26-9	99-6	100-8	7-8	7-7	101-3	98-7	73		
281	5-1	5-1	103-9	115-2	26-0	26-0	100-0	100-0	26-7	26-8	99-6	100-4	9-0	9-2	97-8	113-9	68		
291	6-3	6-6	95-4	137-0	26-0	26-1	99-6	100-0	26-1	26-4	98-9	98-1	7-1	7-2	98-6	89-9	76		
301	5-6	5-8	96-6	121-7	26-0	26-0	100-0	100-0	26-1	26-1	100-0	98-1	7-3	7-4	98-6	92-4	61		
FKBG DATA																			
CUR.	4-8		25-9		26-4				7-9						73				
CUM.	4-6		26-0		26-6				7-9						72				
IND.			99-6		99-2				100-0						101-4				

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

APRIL, 1978

EXERCISE DATA

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
MAY, 1978

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								
CODE	MACHINE DATA			MACHINE DATA			MACHINE DATA			MACHINE DATA			MACHINE DATA							
	CUR. AV.	CUM. AV.	IND. *C	CUR. AV.	CUM. AV.	IND. *C	CUR. AV.	CUM. AV.	IND. *C	CUR. AV.	CUM. AV.	IND. *C	CUR. AV.	CUM. AV.	IND. *C					
G1	6.2	5.7	108.8	131.9	33.2	33.7	98.5	101.2	33.8	34.4	98.2	100.9	12.0	11.0	109.1	122.4	79	79	100.0	91.9
E1	4.8	4.7	97.9	97.9	33.4	33.5	99.7	101.8	33.5	33.6	99.7	100.0	10.8	10.4	103.8	110.2	81	83	97.6	94.2
G1	5.1	4.8	106.2	108.5	32.2	32.3	99.7	98.2	33.1	33.3	99.4	98.8	9.0	9.2	97.8	91.8	101	100	101.0	117.4
I1	6.0	6.0	100.0	127.6	33.1	33.1	100.0	100.9	33.2	33.2	100.0	99.1	9.2	9.1	101.1	93.9	85	84	101.2	98.8
J1	4.5	4.1	109.8	95.7	32.1	32.0	100.3	97.9	33.3	33.3	100.0	99.4	9.8	9.7	101.0	100.0	93	86	108.1	108.1
K1	5.2	5.2			32.8	32.8			33.7	33.7			11.2				82	82		
L1	5.0	5.4	92.6	106.4	32.7	32.8	99.7	99.7	33.7	33.7	100.0	100.6	10.7	10.7	100.0	109.2	80	80	100.0	93.0
M1	4.5	4.4	102.3	95.7	33.1	33.1	100.0	100.9	33.3	33.3	100.0	99.4	9.6	9.2	104.3	98.0	82	83	98.8	95.3
N1	5.0	5.0			32.5	32.5			33.5	33.5			10.0				86	86		
P1	5.7	5.4	105.6	121.3	32.8	32.7	100.3	100.0	33.6	33.6	100.0	100.3	9.5	9.7	97.9	96.9	82	82	100.0	95.3
Q1	6.4	6.4	100.0	136.2	33.1	32.8	100.9	100.9	33.2	33.0	100.6	99.1	9.2	8.9	103.4	93.9	88	96	91.7	102.3
R1	6.0	6.0	100.0	127.6	33.0	33.0	100.0	100.6	33.1	33.2	99.7	98.8	9.8	10.1	97.0	100.0	84	81	103.7	97.7
S1	2.2	2.2	100.0	46.8	31.5	31.8	92.4	96.3	33.5	33.7	99.4	100.0	10.1	10.5	96.2	103.1	82	83	98.8	95.3
T1	5.6	5.6	100.0	119.1	34.2	33.0	103.6	104.3	35.0	33.8	103.6	104.5	10.5	10.1	104.0	107.1	82	78	105.1	95.3
U1	4.2	4.1	102.4	89.4	32.2	32.6	98.8	98.2	33.5	34.0	98.5	100.0	9.7	9.7	100.0	99.0	10	91	11.3	12.0
V1	5.0	5.0			32.2	32.2			33.2	33.2			10.1				91	91		
X1	5.2	4.8	108.3	110.6	33.2	33.2	100.0	101.2	33.3	33.3	100.0	99.4	9.8	9.9	99.0	100.0	82	88	93.2	95.3
A2	3.8	3.8			33.0	33.0			33.1	33.1			10.0				89	89		
C2	2.7	3.0	90.0	57.4	32.0	32.1	99.7	97.6	33.8	33.8	100.0	100.9	9.6	10.2	94.1	98.0	94	88	106.8	109.3
F2	5.6	5.4	103.7	119.1	32.4	32.4	100.0	98.8	33.2	33.2	100.0	99.1	10.2	10.4	98.1	104.1	92	100	92.0	107.0
H2	4.8	4.8	100.0	102.1	32.5	32.6	99.7	99.1	33.6	33.6	100.0	100.3	10.3	10.1	102.0	105.1	87	85	102.4	101.2
I2	5.0	5.0			32.8	32.8			33.8	33.8			8.9				90	90		
J2	5.7	5.8	98.3	121.3	33.4	33.0	101.2	101.8	33.5	33.1	101.2	100.0					89	87	102.3	103.5
K2	4.9	4.9			33.3	33.3			33.4	33.4			9.2				86	86		
P2	5.7	5.7			33.1	33.1			33.9	33.9			10.0				80	80		
Q2	5.2	5.2			32.0	32.0			32.9	32.9			9.5				88	88		
V2	4.9	3.5	140.0	104.2	32.1	31.7	101.3	97.9	33.1	33.2	99.7	98.8	9.1	8.8	103.4	92.8	87	89	97.8	101.2
Y2	4.6	4.6	100.0	97.9	32.5	32.6	99.7	99.1	33.6	33.8	99.4	100.3	9.8	9.9	99.0	100.0	92	86	107.0	107.0
Z2	4.5	4.5			32.2	32.2			33.4	33.4			9.0				82	82		
A3	2.9	2.9			33.3	33.3			33.6	33.6			9.2				81	81		
B3	4.9	4.9	100.0	104.2	32.9	33.0	99.7	100.3	33.9	34.0	99.7	101.2	10.8	10.2	103.9	110.2	84	92	91.3	97.7
D3	5.7	6.0	95.0	121.3	33.7	33.7	100.0	102.7	34.0	34.0	100.0	101.5	10.9	10.4	104.8	111.2	92	91	101.1	107.0
G3	3.2	2.7	118.5	68.1	32.2	32.0	100.6	98.2	33.8	33.8	100.0	100.9	10.1	10.1	100.0	103.1	89	84	106.0	103.5
FK8G DATA																				
CUR.																				
AV.	4.9																			
CUM.																				
AV.	4.7																			
IND.																				
*D	104.2																			
							</													

FK8G DATA

CUR.	4.9	32.8	33.5	10.0	83
AV.	4.9				
CUM.	4.7	32.8	33.5	9.8	86
IND.					
*D 104.2		100.0	102.0	96.5	

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

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TABLE VI
AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 33 LB FOURDRINIER KRAFT LINERBOARD
JUNE, 1978

CODE	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		MACHINE DATA		MACHINE DATA		MACHINE DATA		MACHINE DATA			
	CUR. AV.	FACT. #B	IND. #C	IND. #B	CUR. AV.	FACT. #B	IND. #C	IND. #B	CUR. AV.	FACT. #B	IND. #C	IND. #B	CUR. AV.	FACT. #B	IND. #C	IND. #B	CUR. AV.	FACT. #B		
C1	6.1	5.8	105.2	127.1	33.1	33.6	98.5	100.9	33.7	34.4	98.0	100.6	11.8	11.1	106.3	120.4	79	79	100.0	91.0
E1	4.8	4.8			32.6	32.6			33.6	33.6			9.3	9.3			87	87		
F1	4.3	4.7	91.5	89.6	33.7	33.5	100.6	102.7	33.8	33.6	100.6	100.9	11.0	10.4	105.8	112.2	81	83	97.6	94.2
G1	4.6	4.9	93.9	95.8	32.2	32.3	99.7	98.2	33.3	33.3	100.0	99.4	8.9	9.2	96.7	90.8	91	100	99.0	115.1
I1	6.1	6.0	101.7	127.1	33.2	33.1	100.3	101.2	33.3	33.2	100.3	99.4	9.1	9.1	100.0	92.8	84	84	100.0	97.7
J1	4.9	4.1	119.5	102.1	32.6	32.0	101.9	99.4	33.6	33.3	100.9	100.3	10.1	9.7	104.1	103.1	90	87	103.4	104.6
K1	5.2	5.2			32.8	32.8			33.7	33.7			11.2	11.2			82	82		
L1	4.9	5.4	90.7	102.1	32.7	32.8	99.7	99.7	33.7	33.7	100.0	100.6	10.5	10.7	98.1	107.1	82	81	101.2	95.3
M1	4.9	4.4	111.4	102.1	33.1	33.1	100.0	100.9	33.3	33.3	100.0	99.4	9.7	9.2	105.4	95.0	79	83	95.2	91.0
N1	5.0	5.0			32.5	32.5			33.5	33.5			10.0	10.0			87	87		
P1	5.9	5.4	109.2	122.9	32.8	32.7	100.3	100.0	33.5	33.6	99.7	100.0	9.2	9.7	94.8	93.9	83	81	102.5	96.5
Q1	6.2	6.4	96.9	129.2	33.0	33.0	100.0	100.6	33.1	33.2	99.7	98.8	8.9	9.1	97.8	90.8	94	90	104.4	109.3
R1	6.1	6.0	101.7	127.1	33.0	33.0	100.0	100.6	33.1	33.1	100.0	98.8	9.8	10.0	98.0	100.0	86	81	106.2	100.0
S1	2.3	2.2	104.5	47.9	32.2	31.8	101.2	98.2	34.1	33.7	101.2	101.8	10.4	10.4	100.0	106.1	78	83	94.0	90.7
T1	5.8	5.6	103.6	120.8	34.2	33.2	103.0	104.3	35.0	34.0	102.9	104.5	10.1	10.1	100.0	103.1	83	79	105.1	96.5
U1	3.7	4.1	90.2	77.1	31.8	32.6	97.5	97.0	33.2	33.9	97.9	99.1	10.0	9.7	103.1	102.0	98	84	116.7	114.0
V1	6.0	5.0	120.0	125.0	32.6	32.2	101.2	99.4	33.3	33.2	100.3	99.4	10.6	10.1	105.0	108.2	95	91	104.4	110.5
X1	5.0	4.9	102.0	104.2	33.2	33.2	100.0	101.2	33.3	33.3	100.0	99.4	10.0	9.9	101.0	102.0	84	87	96.6	97.7
A2	3.8	3.8	100.0	79.2	33.2	33.0	100.6	101.2	33.3	33.1	100.6	99.4	9.8	10.0	98.0	100.0	86	89	96.6	100.0
C2	2.5	3.0	83.3	52.1	31.8	32.1	99.1	97.0	33.6	33.8	99.4	100.3	9.9	10.0	99.0	101.0	90	89	101.1	104.6
F2	5.5	5.4	101.8	114.6	32.3	32.4	99.7	98.5	33.1	33.2	99.7	98.8	10.8	10.3	104.8	110.2	92	100	92.0	107.0
H2	4.8	4.8	100.0	100.0	32.4	32.6	99.4	98.8	33.5	33.6	99.7	100.0	9.9	10.1	98.0	101.0	82	85	96.5	95.3
I2	5.0	5.0			32.8	32.8			33.8	33.8			8.9	8.9			90	90		
J2	5.7	5.8	98.3	118.8	33.0	33.0	100.0	100.6	33.1	33.2	99.7	98.8	9.7	9.2	105.4	95.0	79	83	95.2	91.0
K2	4.9	5.0	98.0	102.1	33.4	33.2	100.6	101.8	33.5	33.4	100.3	100.0	9.5	9.3	102.2	96.9	86	87	98.8	100.0
P2	5.7	5.7			33.1	33.1			33.9	33.9			10.0	10.0			80	80		
Q2	5.1	5.2	98.1	106.2	32.3	32.1	100.6	98.5	33.2	33.0	100.6	99.1	9.7	9.6	101.0	99.0	95	88	108.0	110.5
T2	5.0	5.0			33.6	33.6			34.6	34.6			10.9	10.9			85	88		
V2	4.0	3.7	108.1	83.3	31.9	31.8	100.3	97.2	33.2	33.2	100.0	99.1	9.4	8.8	106.8	95.9	87	89	97.8	101.2
Y2	4.6	4.6	100.0	95.8	32.7	32.6	100.3	99.7	33.8	33.8	100.0	100.9	10.1	9.9	102.0	103.1	89	87	102.3	103.5
Z2	4.5	4.5			32.2	32.2			33.4	33.4			9.0	9.0			82	82		
A3	3.1	2.9	106.9	64.6	33.6	33.3	100.9	102.4	33.9	33.6	100.9	101.2	9.8	9.2	106.5	100.0	80	80	100.0	93.0
B3	4.7	4.7			33.0	33.0			34.0	34.0			10.4	10.4			89	89		
D3	5.5	5.9	93.2	114.6	33.7	33.8	99.7	102.7	34.0	34.1	99.7	101.5	10.7	10.5	101.5	109.2	91	91	100.0	105.8
G3	2.8	2.8			32.1	32.1			33.8	33.8			10.1	10.1			85	85		

FRBG DATA

CUR. AV.	4.9	32.9	33.6	10.0	87
CUM. AV.	4.8	32.8	33.5	9.8	86
IND. #D	102.1	100.3	100.3	102.0	101.2

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

TABLE VII
AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 38 LB FOURDRINIER KRAFT LINERBOARD
APRIL, 1978

CODE	MOISTURE CONTENT, PERCENT			BASIS WT., LB / M SQ FT			ADJ. BASIS WT.,*A LB / M SQ FT			CALIPER, PT			BURSTING STRENGTH, PSI G		
	MACHINE DATA			MACHINE DATA			MACHINE DATA			MACHINE DATA			MACHINE DATA		
	CUR. AV.	CUM. AV.	IND. #B	CUR. AV.	CUM. AV.	IND. #B	CUR. AV.	CUM. AV.	IND. #B	CUR. AV.	CUM. AV.	IND. #B	CUR. AV.	CUM. AV.	IND. #B
B1	5.6	5.6	100.0	38.1	38.2	99.7	38.2	38.3	99.7	99.0	11.5	12.1	95.0	104.5	104
E1	5.5	5.0	110.0	37.3	37.7	98.9	38.2	38.8	98.4	99.0	10.8	10.6	101.9	98.2	100
F1	6.6	5.3	124.5	38.5	38.7	99.5	38.6	38.8	99.5	102.0	11.0	11.2	98.2	100.0	94
G1	5.2	5.0	104.0	37.2	37.2	100.0	38.2	38.3	99.7	99.0	10.1	10.4	97.1	91.8	109
H1	4.8	4.8	100.0	37.6	37.6	100.0	38.2	38.8	99.7	99.0	10.1	10.4	97.1	91.8	109
I1	6.1	4.3	109.3	37.7	37.7	99.7	37.8	38.3	99.7	99.0	11.5	12.1	95.0	104.5	104
J1	4.7	4.3	109.3	37.7	37.7	99.7	37.8	38.3	99.7	99.0	11.5	12.1	95.0	104.5	104
L1	5.0	5.4	92.6	37.6	37.7	99.7	38.7	38.7	100.0	100.2	11.8	11.6	101.7	107.3	94
M1	4.8	4.8	100.0	38.2	38.2	100.0	38.4	38.4	100.0	99.5	10.6	10.5	101.0	96.4	97
N1	4.7	4.7	100.0	37.3	37.3	100.0	38.5	38.5	100.0	99.5	10.6	10.5	101.0	96.4	97
P1	6.2	5.4	114.8	37.8	37.8	100.5	38.4	38.6	99.5	99.5	10.9	11.0	99.1	99.1	92
R1	6.2	6.4	96.9	38.0	38.0	100.0	38.1	38.1	100.0	98.7	11.0	10.8	101.8	100.0	88
U1	4.1	4.4	93.2	37.3	37.3	100.0	38.8	38.7	100.2	100.5	10.1	10.9	92.7	91.8	111
M1	5.3	5.3	100.0	37.2	37.2	100.0	38.2	38.2	100.0	99.5	11.2	11.2	99.1	101.8	94
X1	5.1	5.0	102.0	38.3	38.5	99.5	38.4	38.6	99.5	99.5	11.2	11.3	99.1	101.8	94
Y1	6.2	4.1	107.3	38.0	38.1	99.7	37.7	38.2	99.7	98.7	10.7	11.3	94.7	97.3	100
A2	4.4	3.0	93.8	36.6	36.9	99.2	38.1	38.7	99.5	99.7	11.1	11.2	99.1	100.9	106
C2	3.0	3.2	93.8	36.6	36.9	99.2	38.1	38.7	99.5	99.7	11.1	11.2	99.1	100.9	106
E2	5.6	5.6	100.0	37.3	37.6	99.7	38.4	38.5	99.7	99.5	11.1	11.2	99.1	100.9	97
H2	5.0	5.0	100.0	37.3	37.4	99.7	38.4	38.5	99.7	99.5	11.5	11.3	101.8	104.5	92
J2	5.8	5.8	100.0	38.7	38.2	101.3	38.8	38.3	101.3	100.5	10.2	10.6	96.2	92.7	102
K2	4.9	5.7	86.0	38.3	38.3	100.0	38.4	38.4	100.0	99.5	10.2	10.6	96.2	92.7	102
L2	6.3	5.9	93.2	37.9	37.9	99.5	38.0	38.0	99.7	98.2	11.4	11.2	101.8	103.6	101
Q2	5.5	5.9	93.2	37.9	37.9	99.5	38.0	38.0	99.7	98.2	11.4	11.2	101.8	103.6	101
R2	3.2	3.2	100.0	39.2	38.0	103.2	41.2	39.9	103.2	106.7	10.6	10.6	100.0	96.4	93
W2	4.9	5.0	98.0	38.5	39.1	98.5	38.5	39.2	98.5	100.0	11.0	11.1	99.1	100.0	97
Y2	4.8	4.8	100.0	37.6	37.7	99.7	38.8	38.9	99.7	100.5	11.0	11.3	97.3	100.0	99
D3	5.8	5.8	100.0	38.8	38.6	100.5	39.1	38.9	100.5	101.3	10.5	11.1	94.6	95.4	98
F3	4.7	4.9	95.9	37.3	37.5	99.5	38.6	38.7	99.7	100.0	11.1	10.6	104.7	100.9	102

FKBG DATA
CUR. AV. 5.1 37.9 38.6 10.9 98
CUM. AV. 5.1 37.8 38.6 11.0 96
IND. #D 100.0 100.0 100.0 99.1 102.1

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

TABLE VIII
AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 38 LB FOURDRINIER KRAFT LINERBOARD
MAY, 1978

CODE	MOISTURE CONTENT, PERCENT		BASIS WT., LB / M SQ FT		ADJ. BASIS WT., LB / M SQ FT		CALIPER, PT		BURSTING STRENGTH, P S I G	
	MACHINE DATA CUR. AV. #8	MACHINE DATA FACT. #8	MACHINE DATA IND. #8	MACHINE DATA CUR. AV. #8	MACHINE DATA FACT. #8	MACHINE DATA IND. #8	MACHINE DATA CUR. AV. #8	MACHINE DATA FACT. #8	MACHINE DATA IND. #8	MACHINE DATA CUR. AV. #8
B4	5.6	38.2	38.3	38.3	38.3	38.3	12.1	98	98	98
E1	5.1	37.6	38.7	38.7	38.7	38.7	10.6	97	97	97
F1	6.2	5.4	114.8	121.6	38.4	38.6	99.5	101.6	38.5	38.7
G1	5.3	5.0	106.0	103.9	37.2	37.2	100.0	98.4	38.2	38.3
H1	4.8	37.5	37.5	37.5	37.5	37.5	10.3	91	91	91
I1	6.1	37.7	37.7	37.7	37.7	37.7	10.0	91	91	91
J1	4.6	4.3	107.0	90.2	37.2	36.9	100.8	98.4	38.5	38.3
L1	4.9	5.4	90.7	96.1	37.6	37.7	99.7	99.5	38.8	38.7
M1	4.6	4.9	93.9	90.2	38.0	38.1	99.7	100.5	38.2	38.3
N1	4.7	37.3	37.3	37.3	37.3	37.3	11.0	92	92	92
P1	5.4	5.4	100.0	105.9	37.5	37.6	99.7	99.7	38.5	38.6
R1	6.3	6.4	98.4	123.5	38.0	38.0	100.0	100.5	38.1	38.1
U1	4.2	4.3	97.7	82.4	37.0	37.4	98.9	97.9	38.4	38.8
V1	7.5	5.3	141.5	147.0	37.8	37.2	101.6	100.0	37.9	38.2
X1	5.1	5.0	102.0	100.0	38.2	38.5	99.2	101.0	38.3	38.6
Y1	6.2	37.1	37.1	37.1	37.1	37.1	10.4	91	91	91
A2	4.1	38.1	38.1	38.1	38.1	38.1	11.3	102	102	102
C2	3.2	36.8	36.8	36.8	36.8	36.8	11.2	100	100	100
E2	5.0	5.6	103.6	113.7	37.5	37.6	99.7	99.2	38.3	38.5
H2	4.7	5.0	94.0	92.2	37.3	37.4	99.7	98.7	38.6	38.5
J2	5.8	5.8	100.0	113.7	38.6	38.3	100.8	102.1	38.7	38.4
K2	5.5	5.7	96.5	107.8	38.7	38.3	101.0	102.4	38.8	38.4
L2	6.3	37.9	37.9	37.9	37.9	37.9	10.5	89	89	89
Q2	5.8	37.3	37.3	37.3	37.3	37.3	11.3	98	98	98
R2	2.7	3.2	84.4	52.9	38.0	38.2	99.5	100.5	40.1	40.1
W2	5.0	39.1	39.1	39.1	39.1	39.1	11.2	96	96	96
Y2	5.2	4.8	108.3	102.0	37.5	37.7	99.5	99.2	38.6	38.9
D3	5.8	38.6	38.6	38.6	38.6	38.6	11.1	98	98	98
F3	4.7	4.8	97.9	92.2	37.2	37.5	99.2	98.4	38.5	38.7

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

FK8G DATA
CUR. AV. 5.2 37.7 38.5 11.0 98
CUM. AV. 5.1 37.8 38.6 11.0 96
IND. #D 102.0 99.7 100.0 102.1

TABLE IX
AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 38 LB FOURDRINIER KRAFT LINERBOARD
JUNE, 1978

CODE	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		
	CUR. AV.	CUM. AV.	IND. *B	CUR. AV.	CUM. AV.	IND. *B	CUR. AV.	CUM. AV.	IND. *B	CUR. AV.	CUM. AV.	IND. *B	CUR. AV.	CUM. AV.	IND. *B
B1	5.5	5.6	98.2	107.8	38.2	38.2	100.0	101.0	38.3	38.3	100.0	99.2	10.4	12.4	83.9
E1	4.6	5.1	90.2	90.2	37.5	37.6	99.7	99.2	38.8	38.7	100.2	100.5	10.5	10.6	99.0
F1	5.6	5.5	101.8	109.8	38.8	38.6	100.5	102.6	38.9	38.7	100.5	100.8	11.4	11.2	101.8
G1	5.2	5.1	102.0	102.0	37.2	37.2	100.0	98.4	38.2	38.3	99.7	99.0	10.5	10.4	101.0
H1	2.9	4.7	61.7	56.9	38.4	37.6	102.1	101.6	40.4	38.8	104.1	104.7	10.0	10.2	98.0
I1	6.1	4.1	118.6	100.0	37.5	36.9	101.6	99.2	38.6	38.3	100.8	100.0	11.3	11.1	101.8
J1	5.1	4.3	90.7	96.1	37.6	37.7	99.7	99.5	38.8	38.7	100.2	100.5	11.3	11.6	97.4
L1	4.9	5.4	112.5	105.9	38.1	38.1	100.0	100.8	38.3	38.3	100.0	99.2	11.3	10.6	106.6
M1	5.4	4.8	109.2	115.7	37.7	37.6	100.3	99.7	38.5	38.6	99.7	99.7	10.3	11.0	93.6
N1	5.9	5.4	109.2	115.7	37.7	37.6	100.3	99.7	38.5	38.6	99.7	99.7	10.3	11.0	93.6
P1	6.6	6.4	103.1	129.4	38.0	38.0	100.0	100.5	38.1	38.1	100.0	98.7	10.6	10.8	98.1
R1	3.6	4.3	83.7	70.6	36.6	37.3	98.1	96.8	38.3	38.8	98.7	99.2	10.8	10.8	100.0
U1	6.4	6.4	104.0	102.0	38.2	38.5	99.2	101.0	38.3	38.6	99.2	99.2	11.1	11.3	98.2
V1	6.2	6.2	100.0	80.4	38.1	38.1	100.0	100.8	38.2	38.2	100.0	99.0	11.2	11.3	99.1
A2	4.1	4.1	100.0	80.4	38.1	38.1	100.0	100.8	38.2	38.2	100.0	99.0	11.2	11.3	99.1
C2	2.5	3.2	78.1	49.0	36.6	36.8	99.4	96.8	38.7	38.6	100.2	100.2	11.0	11.2	98.2
E2	5.5	5.6	98.2	107.8	37.4	37.6	99.5	98.9	38.3	38.5	99.5	99.2	11.5	11.2	102.7
H2	5.0	4.9	102.0	98.0	37.2	37.4	99.5	98.4	38.3	38.5	99.5	99.2	11.4	11.3	100.9
J2	5.7	5.8	98.3	111.8	38.0	38.3	98.2	100.5	38.1	38.4	98.2	98.7	10.9	10.6	102.8
K2	5.5	5.7	96.5	107.8	38.5	38.3	100.5	101.8	38.6	38.4	100.5	100.0	10.9	10.6	102.8
L2	6.3	6.3	100.0	100.0	37.9	37.9	100.0	100.0	38.0	38.0	100.0	100.0	10.5	10.5	98.8
Q2	5.8	5.8	100.0	100.0	37.4	37.4	100.0	100.0	38.2	38.2	100.0	100.0	11.4	11.4	98.8
R2	2.7	3.1	87.1	52.9	38.0	38.2	99.5	100.5	40.1	40.2	99.8	103.9	10.4	10.6	98.1
W2	5.1	5.0	102.0	100.0	38.3	39.1	98.0	101.3	38.4	39.2	98.0	99.5	10.9	11.2	97.3
Y2	5.1	4.9	104.1	100.0	37.4	37.6	99.5	98.9	38.5	38.8	99.2	99.7	11.0	11.2	98.2
B3	5.0	5.0	98.0	98.0	37.5	37.5	99.2	99.2	38.6	38.6	100.0	100.0	11.6	11.6	105.4
D3	5.6	5.8	96.6	109.8	38.7	38.6	100.2	102.4	39.0	38.9	100.2	101.0	11.2	11.2	100.0
F3	5.0	4.8	104.2	98.0	37.4	37.4	100.0	98.9	38.5	38.6	99.7	99.7	11.7	10.7	109.3

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

~~TABLE~~

APRIL, 1978

MOISTURE CONTENT, PERCENT	BASIS WT., LB / M SQ FT
100	1.00
90	1.11
80	1.25
70	1.43
60	1.67
50	2.00
40	2.50
30	3.33
20	5.00
10	10.00
0	∞

~~ADJ. BASIS WT., #A
LB. / M. SQ. FT.~~

CALIPER, PT

BURSTING STRENGTH,
P S I G

CODE	MACHINE DATA			MACHINE DATA			MACHINE DATA			MACHINE DATA			MACHINE DATA			MACHINE DATA			
	CUR.	AV.	IND.	CUR.	AV.	IND.	CUR.	AV.	IND.	CUR.	AV.	IND.	CUR.	AV.	IND.	CUR.	AV.	IND.	
5.4	5.4	100.0	105.1	41.9	41.7	100.2	100.5	42.9	42.8	100.2	100.9	11.3	12.1	93.4	93.4	106	106	100.0	101.0
5.5	5.5	100.0	107.8	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.8	12.5	12.8	97.6	101.9	107	104	102.9	101.9
5.6	5.6	100.0	107.8	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.8	12.5	12.8	97.6	101.9	107	104	102.9	101.9
5.7	5.7	100.0	107.8	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.8	12.5	12.8	97.6	101.9	107	104	102.9	101.9
5.8	5.8	100.0	107.8	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.8	12.5	12.8	97.6	101.9	107	104	102.9	101.9
5.9	5.9	100.0	107.8	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.8	12.5	12.8	97.6	101.9	107	104	102.9	101.9
6.0	6.0	100.0	107.8	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.8	12.5	12.8	97.6	101.9	107	104	102.9	101.9
6.1	6.1	100.0	107.8	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.8	12.5	12.8	97.6	101.9	107	104	102.9	101.9
6.2	6.2	100.0	107.8	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.8	12.5	12.8	97.6	101.9	107	104	102.9	101.9
6.3	6.3	100.0	107.8	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.8	12.5	12.8	97.6	101.9	107	104	102.9	101.9
6.4	6.4	100.0	107.8	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.8	12.5	12.8	97.6	101.9	107	104	102.9	101.9
6.5	6.5	100.0	107.8	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.8	12.5	12.8	97.6	101.9	107	104	102.9	101.9
6.6	6.6	100.0	107.8	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.8	12.5	12.8	97.6	101.9	107	104	102.9	101.9
6.7	6.7	100.0	107.8	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.8	12.5	12.8	97.6	101.9	107	104	102.9	101.9
6.8	6.8	100.0	107.8	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.8	12.5	12.8	97.6	101.9	107	104	102.9	101.9
6.9	6.9	100.0	107.8	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.8	12.5	12.8	97.6	101.9	107	104	102.9	101.9
7.0	7.0	100.0	107.8	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.8	12.5	12.8	97.6	101.9	107	104	102.9	101.9
7.1	7.1	100.0	107.8	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.8	12.5	12.8	97.6	101.9	107	104	102.9	101.9
7.2	7.2	100.0	107.8	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.8	12.5	12.8	97.6	101.9	107	104	102.9	101.9
7.3	7.3	100.0	107.8	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.8	12.5	12.8	97.6	101.9	107	104	102.9	101.9
7.4	7.4	100.0	107.8	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.8	12.5	12.8	97.6	101.9	107	104	102.9	101.9
7.5	7.5	100.0	107.8	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.8	12.5	12.8	97.6	101.9	107	104	102.9	101.9
7.6	7.6	100.0	107.8	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.8	12.5	12.8	97.6	101.9	107	104	102.9	101.9
7.7	7.7	100.0	107.8	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.8	12.5	12.8	97.6	101.9	107	104	102.9	101.9
7.8	7.8	100.0	107.8	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.8	12.5	12.8	97.6	101.9	107	104	102.9	101.9
7.9	7.9	100.0	107.8	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.8	12.5	12.8	97.6	101.9	107	104	102.9	101.9
8.0	8.0	100.0	107.8	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.8	12.5	12.8	97.6	101.9	107	104	102.9	101.9
8.1	8.1	100.0	107.8	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.8	12.5	12.8	97.6	101.9	107	104	102.9	101.9
8.2	8.2	100.0	107.8	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.8	12.5	12.8	97.6	101.9	107	104	102.9	101.9
8.3	8.3	100.0	107.8	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.8	12.5	12.8	97.6	101.9	107	104	102.9	101.9
8.4	8.4	100.0	107.8	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.8	12.5	12.8	97.6	101.9	107	104	102.9	101.9
8.5	8.5	100.0	107.8	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.8	12.5	12.8	97.6	101.9	107	104	102.9	101.9
8.6	8.6	100.0	107.8	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.8	12.5	12.8	97.6	101.9	107	104	102.9	101.9
8.7	8.7	100.0	107.8	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.8	12.5	12.8	97.6	101.9	107	104	102.9	101.9
8.8	8.8	100.0	107.8	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.8	12.5	12.8	97.6	101.9	107	104	102.9	101.9
8.9	8.9	100.0	107.8	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.8	12.5	12.8	97.6	101.9	107	104	102.9	101.9
9.0	9.0	100.0	107.8	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.8	12.5	12.8	97.6	101.9	107	104	102.9	101.9
9.1	9.1	100.0	107.8	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.8	12.5	12.8	97.6	101.9	107	104	102.9	101.9
9.2	9.2	100.0	107.8	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.8	12.5	12.8	97.6	101.9	107	104	102.9	101.9
9.3	9.3	100.0	107.8	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.8	12.5	12.8	97.6	101.9	107	104	102.9	101.9
9.4	9.4	100.0	107.8	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.8	12.5	12.8	97.6	101.9	107	104	102.9	101.9
9.5	9.5	100.0	107.8	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.8	12.5	12.8	97.6	101.9	107	104	102.9	101.9
9.6	9.6	100.0	107.8	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.8	12.5	12.8	97.6	101.9	107	104	102.9	101.9
9.7	9.7	100.0	107.8	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.8	12.5	12.8	97.6	101.9	107	104	102.9	101.9
9.8	9.8	100.0	107.8	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.8	12.5	12.8	97.6	101.9	107	104	102.9	101.9
9.9	9.9	100.0	107.8	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.8	12.5	12.8	97.6	101.9	107	104	102.9	101.9
10.0	10.0	100.0	107.8	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.8	12.5	12.8	97.6	101.9	107	104	102.9	101.9

FKBG DATA		
CUR.	AV.	IND.
5.4	41.7	12.0
5.1	41.6	12.1
5.0	100.2	99.2
5.0	99.8	100.0
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.2	99.2
5.0	100.	

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

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

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													
CUR. CUM. FACT. IND. %C										CUR. CUM. FACT. IND. %C										CUR. CUM. FACT. IND. %C										CUR. CUM. FACT. IND. %C										CUR. CUM. FACT. IND. %C													
CODE	AV.	AV.	AV.	AV.	AV.	AV.	AV.	AV.	AV.	CODE	AV.	AV.	AV.	AV.	AV.	AV.	AV.	AV.	AV.	CODE	AV.	AV.	AV.	AV.	AV.	AV.	AV.	AV.	AV.	CODE	AV.	AV.	AV.	AV.	AV.	AV.	AV.	AV.	AV.	CODE	AV.	AV.	AV.	AV.	AV.	AV.	AV.	AV.	AV.				
A1	5.5	5.4	101.8	105.8	41.8	41.7	100.2	100.5	42.8	42.8	100.0	100.7	11.4	12.0	95.0	94.2	108	106	101.9	102.8	108	106	101.9	102.8	108	106	101.9	102.8	108	106	101.9	102.8	108	106	101.9	102.8	108	106	101.9	102.8	108	106	101.9	102.8	108	106	101.9	102.8	108	106	101.9	102.8	
B1	5.5	5.5	100.0	105.8	42.1	42.1	100.0	101.2	42.2	42.2	100.0	99.3	12.1	12.9	93.8	100.0	108	105	102.8	102.8	108	105	102.8	102.8	108	105	102.8	102.8	108	105	102.8	102.8	108	105	102.8	102.8	108	105	102.8	102.8	108	105	102.8	102.8	108	105	102.8	102.8	108	105	102.8	102.8	
C1	6.1	6.1	100.0	117.3	43.7	43.2	101.2	105.0	44.5	44.0	101.1	104.7	14.4	13.8	104.3	119.0	98	100	98.0	93.3	102	102	100.0	97.1	102	102	100.0	97.1	102	102	100.0	97.1	102	102	100.0	97.1	102	102	100.0	97.1	102	102	100.0	97.1	102	102	100.0	97.1	102	102	100.0	97.1	
E1	5.5	5.4	101.8	105.8	41.2	41.3	99.8	99.0	42.2	42.4	99.5	99.3	12.0	11.4	105.3	99.2	102	102	100.0	97.1	102	102	100.0	97.1	102	102	100.0	97.1	102	102	100.0	97.1	102	102	100.0	97.1	102	102	100.0	97.1	102	102	100.0	97.1	102	102	100.0	97.1	102	102	100.0	97.1	
F1	6.3	5.4	116.7	121.2	41.9	42.3	99.0	100.7	42.0	42.4	99.0	98.8	12.1	12.2	99.2	100.0	103	104	99.0	98.1	103	104	99.0	98.1	103	104	99.0	98.1	103	104	99.0	98.1	103	104	99.0	98.1	103	104	99.0	98.1	103	104	99.0	98.1	103	104	99.0	98.1	103	104	99.0	98.1	
G1	5.2	5.0	104.0	100.0	41.1	41.2	99.8	99.8	42.3	42.4	99.8	99.5	11.4	11.7	97.4	94.2	114	115	99.1	108.6	114	115	99.1	108.6	114	115	99.1	108.6	114	115	99.1	108.6	114	115	99.1	108.6	114	115	99.1	108.6	114	115	99.1	108.6	114	115	99.1	108.6	114	115	99.1	108.6	
H1	5.4	5.2	103.8	103.8	41.5	41.4	100.2	99.8	42.6	42.6	100.0	100.2	11.2	11.6	96.6	92.6	102	101	101.0	97.1	102	101	101.0	97.1	102	101	101.0	97.1	102	101	101.0	97.1	102	101	101.0	97.1	102	101	101.0	97.1	102	101	101.0	97.1	102	101	101.0	97.1	102	101	101.0	97.1	
I1	6.4	6.1	104.9	123.1	42.0	42.0	100.0	101.0	42.1	42.1	100.0	99.0	11.7	11.5	101.7	96.7	103	103	100.0	98.1	103	103	100.0	98.1	103	103	100.0	98.1	103	103	100.0	98.1	103	103	100.0	98.1	103	103	100.0	98.1	103	103	100.0	98.1	103	103	100.0	98.1	103	103	100.0	98.1	
J1	5.3	4.3	123.2	101.9	41.3	40.9	101.0	99.3	42.4	42.4	100.0	99.8	12.4	12.2	101.6	102.5	107	105	101.9	101.9	107	105	101.9	101.9	107	105	101.9	101.9	107	105	101.9	101.9	107	105	101.9	101.9	107	105	101.9	101.9	107	105	101.9	101.9	107	105	101.9	101.9	107	105	101.9	101.9	
L1	5.0	5.5	90.9	96.2	41.5	41.6	99.8	99.8	42.7	42.7	100.0	100.5	12.8	13.0	98.5	105.8	99	99	100.0	94.3	99	99	100.0	94.3	99	99	100.0	94.3	99	99	100.0	94.3	99	99	100.0	94.3	99	99	100.0	94.3	99	99	100.0	94.3	99	99	100.0	94.3	99	99	100.0	94.3	
M1	5.6	5.1	109.8	107.7	42.0	42.1	99.8	101.0	42.2	42.3	99.8	99.3	12.0	11.7	102.6	99.2	105	104	101.0	100.0	105	104	101.0	100.0	105	104	101.0	100.0	105	104	101.0	100.0	105	104	101.0	100.0	105	104	101.0	100.0	105	104	101.0	100.0	105	104	101.0	100.0	105	104	101.0	100.0	
N1	5.3				41.5				42.6				12.3				105								105																												
O1					41.2				42.4				12.1				114								114																												
P1	5.1				41.4				42.7				12.0				103								103																												
R1	6.7	6.8	98.5	128.8	42.0	41.9	100.2	101.0	42.1	42.0	100.2	99.0	11.9	11.6	102.6	98.3	101	103	98.0	96.2	101	103	98.0	96.2	101	103	98.0	96.2	101	103	98.0	96.2	101	103	98.0	96.2	101	103	98.0	96.2	101	103	98.0	96.2	101	103	98.0	96.2	101	103	98.0	96.2	
S1	5.5	5.6	98.2	105.8	41.5	41.5	100.0	99.8	42.5	42.5	100.0	100.0	13.0	13.2	98.5	107.4	103	103	100.0	98.1	103	103	100.0	98.1	103	103	100.0	98.1	103	103	100.0	98.1	103	103	100.0	98.1	103	103	100.0	98.1	103	103	100.0	98.1	103	103	100.0	98.1	103	103	100.0	98.1	
U1	4.6	4.6			41.3				42.8				12.1				108								108																												
V1	6.1	6.5	93.8	117.3	41.3	41.3	100.0	99.3	42.0	41.9	100.2	98.8	11.4	11.4	100.0	94.2	106	106	100.0	101.0	106	106	100.0	101.0	106	106	100.0	101.0	106	106	100.0	101.0	106	106	100.0	101.0	106	106	100.0	101.0	106	106	100.0	101.0	106	106	100.0	101.0	106	106	100.0	101.0	
X1	6.3	5.3	118.9	121.2	41.4	41.0	101.0	99.5	42.1	42.1	100.0	99.0	12.7	12.6	100.8	105.0	112	108	103.7	108.7	112	108	103.7	108.7	112	108	103.7	108.7	112	108	103.7	108.7	112	108	103.7	108.7	112	108	103.7	108.7	112	108	103.7	108.7	112	108	103.7	108.7	112	108	103.7	108.7	
Y1	5.4	5.1	105.9	103.8	42.1	42.2	99.8	101.2	42.2	42.3	99.8	99.3	12.5	12.4	100.8	103.3	104	106	98.1	99.0	104	106	98.1	99.0	104	106	98.1	99.0	104	106	98.1	99.0	104	106	98.1	99.0	104	106	98.1	99.0	104	106	98.1	99.0	104	106	98.1	99.0	104	106	98.1	99.0	
Z1	5.2	5.8	89.6	100.0	42.1	41.2	102.2	101.2	42.1	42.0	100.2	99.0	11.7	11.5	101.7	96.7	104	103	101.0	96.2	104	103	101.0	96.2	104	103	101.0	96.2	104	103	101.0	96.2	104	103	101.0	96.2	104	103	101.0	96.2	104	103	101.0	96.2	104	103	101.0	96.2	104	103	101.0	96.2	
A2	5.9	4.5	131.1	113.5	42.0	41.6	101.0	101.0	42.9	43.0	99.8	100.9	12.0	12.3	97.6	99.2	101	100	101.0	96.2	101	100	101.0	96.2	101	100	101.0	96.2	101	100	101.0	96.2	101	100	101.0	96.2	101	100	101.0	96.2	101	100	101.0	96.2	101	100	101.0	96.2	101	100	101.0	96.2	
B2	4.1				42.2				42.3				12.6				107								107																												
C2	5.4	5.5	98.2	103.8	41.2	41.5	99.3	99.0	42.3	42.5	99.5	99.5	11.7	12.0	97.5	96.7	103	104	99.0	98.1	103	104	99.0	98.1	103	104	99.0	98.1	103	104	99.0	98.1	103	104	99.0	98.1	103	104	99.0	98.1	103	104	99.0	98.1	103	104	99.0	98.1	103	104	99.0	98.1	
D2	4.3	3.5	122.8	82.7	41.2	40.9	100.7	99.0	42.8	42.8	100.0	100.7	11.6	12.4	93.5	95.9	117	110	106.4	111.4	117	110	106.4	111.4	117																												

TABLE XII
AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 42 LB FOURDRINIER KRAFT LINERBOARD
JUNE, 1978

TABLE XII

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

JUNE, 1978

MOISTURE CONTENT,
PERCENT

BASIS WT.,
LB / M SQ FT

ADJ. BASIS WT.,
LB / M SQ FT

CALIPER, PI

BURSTING STRENGTH,
PSI G

CODE	MACHINE DATA		MACHINE DATA		MACHINE DATA		MACHINE DATA		MACHINE DATA		MACHINE DATA		MACHINE DATA		MACHINE DATA		MACHINE DATA		MACHINE DATA	
	CUR. AV.	FAC. IND.	CUR. AV.	FAC. IND.	CUR. AV.	FAC. IND.	CUR. AV.	FAC. IND.	CUR. AV.	FAC. IND.	CUR. AV.	FAC. IND.	CUR. AV.	FAC. IND.	CUR. AV.	FAC. IND.	CUR. AV.	FAC. IND.	CUR. AV.	FAC. IND.
A1	5.4	100.0	103.8	41.7	41.7	100.0	100.2	42.8	42.8	100.0	100.7	11.3	11.9	95.0	93.4	106	107	99.1	101.0	
B1	5.5	100.0	105.8	42.2	42.2	100.2	101.4	42.3	42.2	100.2	99.5	11.7	13.0	90.0	96.7	111	105	105.7	105.7	
C1	6.1	100.0	117.3	43.1	43.3	99.5	103.6	43.9	44.1	99.5	103.3	14.0	13.8	101.4	115.7	98	100	98.0	93.3	
E1	5.2	5.4	96.3	100.0	41.3	41.3	100.0	99.3	42.5	42.4	100.2	100.0	11.7	11.4	102.6	96.7	104	102	102.0	99.0
F1	5.2	5.5	94.5	100.0	42.1	42.2	99.8	101.2	42.2	42.4	99.5	99.3	12.3	12.2	100.8	101.6	104	104	100.0	99.0
G1	5.1	5.1	100.0	98.1	41.1	41.2	99.8	98.8	42.3	42.4	99.8	99.5	11.5	11.6	99.1	95.0	110	115	95.6	104.8
H1	4.5	5.2	86.5	86.5	41.4	41.4	100.0	99.5	42.9	42.6	100.7	100.9	11.3	11.5	98.3	93.4	101	101	100.0	96.2
I1	6.3	6.1	103.3	121.2	41.9	42.0	99.8	100.7	42.0	42.1	99.8	98.8	11.5	11.5	100.0	95.0	102	103	99.0	97.1
J1	5.1	4.4	115.9	98.1	41.5	41.0	101.2	99.8	42.7	42.5	100.5	100.5	12.4	12.2	101.6	102.5	107	105	101.9	101.9
L1	5.0	5.4	92.6	96.2	41.6	41.6	100.0	100.0	42.8	42.7	100.2	100.7	12.7	13.0	97.7	105.0	98	99	99.0	93.3
M1	5.7	5.1	111.8	109.6	42.1	42.0	100.2	101.2	42.3	42.2	100.2	99.5	12.4	11.7	106.0	102.5	106	105	101.0	101.0
N1	5.3	5.3	88.7	90.4	41.4	41.6			42.7	42.7			12.4	12.4			105	102	101.0	101.0
O1	4.7	5.0	88.7	90.4	41.4	41.2	100.5	99.5	42.8	42.4	100.9	100.7	12.6	12.2	103.3	104.1	118	114	103.5	112.4
P1	5.0	5.0			41.4	41.4			42.7	42.7			12.0	12.0			103			
R1	6.5	6.8	95.6	125.0	42.0	41.9	100.2	101.0	42.1	42.0	100.2	99.0	11.9	11.7	101.7	98.3	107	102	104.9	101.9
S1	5.5	5.5	100.0	105.8	41.4	41.5	99.8	99.5	42.4	42.5	99.8	99.8	12.9	13.2	97.7	106.6	103	103	100.0	98.1
U1	4.3	4.6	93.5	82.7	41.0	41.3	99.3	98.6	42.6	42.8	99.5	100.2	12.0	12.1	99.2	95.2	110	108	101.8	104.8
V1	6.4	6.4			41.3	41.3			41.9	41.9			11.4	11.4			106			
W1	5.9	5.4	109.2	113.5	41.4	41.0	101.0	99.5	42.3	42.0	100.7	99.5	12.1	12.7	95.3	100.0	118	108	109.2	112.4
X1	5.4	5.1	105.9	103.8	42.2	42.2	100.0	101.4	42.3	42.3	100.0	99.5	12.3	12.5	98.4	101.6	105	106	99.0	100.0
Y1	5.5	5.7	96.5	105.8	42.1	41.3	101.9	101.2	42.1	42.0	100.2	99.0	11.6	11.5	100.9	95.9	103	103	100.0	98.1
Z1	5.4	4.6	117.4	103.8	41.9	41.6	100.7	100.7	43.0	43.0	100.0	101.2	12.1	12.2	99.2	100.0	100	100	100.0	95.2
A2	4.5	4.1	109.8	86.5	42.2	42.2	100.0	101.4	42.3	42.3	100.0	99.5	12.5	12.6	99.2	103.3	100	107	93.4	95.2
B2	5.1	5.4	94.4	98.1	41.3	41.4	99.8	99.3	42.5	42.5	100.0	100.0	11.7	12.0	97.5	96.7	101	104	97.1	96.2
C2	4.2	3.6	116.7	80.8	41.3	41.0	100.7	99.3	42.9	42.8	100.2	100.9	11.8	12.3	95.9	97.5	113	111	101.8	107.6
D2	5.2	4.7	110.6	100.0	41.0	41.0	100.0	98.6	42.1	42.4	99.3	99.0	10.8	11.3	95.6	85.2	104	104	100.0	99.0
E2	5.7	5.6	101.8	109.6	41.3	41.4	99.8	99.3	42.2	42.4	99.5	99.3	12.7	12.6	100.8	105.0	103	105	98.1	98.1
F2	5.7	5.6	101.8	109.6	41.2	41.3	99.8	99.0	42.1	42.3	99.5	99.0	12.4	12.6	98.4	102.5	110	111	99.1	104.8
G2	5.8	5.8	100.0	111.5	41.8	41.7	100.2	100.5	42.7	42.6	100.2	100.5	11.8	11.9	99.2	97.5	110	108	101.8	104.8
H2	5.5	5.0	110.0	105.8	41.2	41.2	100.0	99.0	42.2	42.4	99.5	99.3	12.4	12.5	99.2	102.5	102	102	100.0	97.1
I2	5.6	5.6			41.6	41.6			42.7	42.7			11.6	11.6			104			
J2	5.7	5.8	98.3	109.6	42.0	42.0	100.0	101.0	42.1	42.2	99.8	99.0	12.2	12.0	101.7	100.8	106	107	98.0	95.2
K2	5.9	6.1	96.7	113.5	42.2	42.1	100.2	101.4	42.3	42.2	100.2	99.5	12.2	12.0	101.7	100.8	106	107	99.1	101.0
L2	6.9	7.1	97.2	132.7	42.0	42.0	103.0	101.0	42.1	42.1	100.0	99.0	12.0	11.6	103.4	99.2	101	100	101.0	96.2
M2	4.9	4.2	116.7	94.2	42.1	42.1	100.0	101.2	42.3	42.3	100.0	99.5	11.8	11.2	105.4	97.5	109	107	101.9	103.8
N2	3.1	3.1			41.1	41.1			43.2	43.2			12.1	12.1			107			
O2	5.8	5.6	103.6	111.5	41.3	40.9	101.0	99.3	42.2	41.9	100.7	99.3	12.2	11.8	103.4	100.8	106	108	98.1	101.0
Q2	3.6	3.4	105.9	69.2	40.5	40.8	99.3	97.4	42.4	42.8	99.1	99.8	11.1	11.2	99.1	91.7	105	104	101.0	100.0
R2	5.8	5.8			42.8	42.8			43.2	43.2			12.3	12.3			106			
T2	5.0	4.2	92.6	96.2	41.8	42.0	99.5	100.5	43.1	43.2	99.8	101.4	12.7	13.1	96.9	105.0	98	98	100.0	93.3
U2	5.4	5.2	103.8	103.8	42.2	42.2	100.0	101.4	42.3	42.3	100.0	99.5	11.3	11.7	96.6	93.4	103	103	100.0	98.1
V2	5.8	4.9	118.4	111.5	41.3	41.0	100.7	99.3	42.2	42.2	100.0	99.3	11.7	11.3	103.5	96.7	102	104	98.1	97.1
W2	5.1	5.1	100.0	98.1	42.0	42.3	99.3	101.0	42.1	42.4	99.3	99.0	11.7	12.0	97.5	96.7	108	104	103.8	102.8
Y2	5.2	5.2	100.0	100.0	41.6	41.6	100.0	100.0	42.8	42.8	100.0	100.0	12.3	12.3	98.4	101.6	107	107	100.0	101.9
Z3	3.6	3.6	100.0	69.2	42.2	42.5	99.3	101.4	42.6	42.9	99.3	100.2	12.6	12.1	104.1	104.1	100	101	99.0	95.2
A3	5.7	6.0	95.0	109.6	42.6	42.6	100.0	102.4	43.0	43.0	100.0	101.2	12.2	11.9	102.5	100.8	107	108	99.1	101.9
F3	5.1	4.8	106.2	98.1	41.3	41.4	99.8	99.3	42.5	42.7	99.5	100.0	13.0	11.8	110.2	107.4	107	112	95.5	101.9
G3	5.6	5.6	100.0	107.7	41.4	41.5	99.8	99.5	42.4	42.5	99.8	99.8	12.2	12.4	98.4	100.8	103	104	99.0	98.1

FRBG DATA

CUR. AV. 5.3
CUR. AV. 5.2
IND. 101.9
100.0

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

TABLE XIII
AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 69 LB FOURDRINIER KRAFT LINERBOARD
APRIL, 1978

CODE	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		
	AV.	CUM.	IND.	AV.	CUM.	IND.	AV.	CUM.	IND.	AV.	CUM.	IND.	AV.	CUM.	IND.
A1	7.5	135.6	127.1	68.5	68.6	99.8	100.0	68.7	69.2	99.3	98.7	18.7	19.7	94.9	151
B1	5.6	100.0	94.9	69.1	69.1	100.0	100.0	69.3	69.3	99.3	98.6	19.3	19.8	97.5	149
C1	6.4	6.6	97.0	108.5	68.9	68.6	100.4	69.9	69.6	100.4	100.4	21.2	20.9	101.4	162
D1	5.8	5.6	103.6	98.3	68.4	68.0	100.6	69.9	69.7	100.3	100.4	18.9	18.9	100.0	129
E1	6.0	6.8	88.2	101.7	68.0	68.7	99.0	69.4	69.5	99.8	99.7	19.2	18.6	103.2	153
F1	6.8	6.1	111.5	115.2	69.8	69.6	100.3	70.0	69.8	100.3	100.6	19.6	19.6	100.0	141
G1	4.7	4.7			66.9			69.2				19.2			137
H1	6.8	6.2	109.7	115.2	67.3	68.1	98.8	68.0	68.3	98.1	97.7	18.3	19.4	94.3	135
J1	4.7	4.9	95.9	79.7	67.4	67.4	100.0	69.7	69.6	100.1	100.1	18.9	19.6	96.0	136
K1	6.1	6.1			68.4			69.6				19.6			142
L1	5.5	5.4	101.8	93.2	68.1	68.1	100.0	69.4	69.8	99.9	99.8	19.7	19.7	100.0	145
M1	5.5	5.5			68.0			69.7				20.0			142
N1	6.5	6.6	98.5	110.2	67.8	67.7	100.1	69.0	68.7	68.6	100.1	19.9	19.5	102.0	144
O1	5.7	5.5	103.6	96.6	69.3	69.2	100.1	101.2	69.5	69.4	100.1	20.5	19.9	103.0	144
P1	6.8	7.0	97.1	115.2	68.6	68.3	100.4	100.1	68.6	68.9	99.6	19.1	19.2	99.5	138
Q1	5.7	5.7	100.0	96.6	68.8	68.3	100.7	100.4	70.4	69.9	100.7	20.9	21.0	99.5	136
R1	4.3	3.8	113.2	72.9	67.7	67.6	100.1	98.8	70.3	70.5	99.7	20.0	20.1	99.5	145
S1	5.8	4.8	120.8	98.3	67.7	67.3	100.6	98.8	69.2	69.5	99.6	19.2	18.8	102.1	145
T1	6.7	6.7	100.0	113.6	68.8	68.6	100.3	100.4	69.6	69.4	100.3	20.6	20.8	99.0	140
U1	6.2	6.1	101.6	105.1	68.9	69.1	99.7	100.6	70.1	70.2	99.8	19.2	19.8	97.0	137
V1	6.5	6.5			68.8			69.8				20.6			142
W1	5.8	5.8			69.1			69.3				20.6			141
X1	6.7	6.7	100.0	113.6	69.0	69.0	100.0	100.7	69.2	69.2	100.0	19.3	19.4	99.5	136
Y1	7.9	8.0	98.8	133.9	69.0	69.0	100.0	100.7	69.2	69.1	100.1	19.7	20.0	98.5	146
Z1	5.0	5.2	96.2	84.7	69.1	69.2	99.8	100.9	69.4	69.4	100.0	19.0	18.8	101.1	134
A2	3.9	3.8	102.6	66.1	68.0	67.6	100.6	98.3	70.9	70.6	101.9	20.2	20.0	101.0	142
B2	6.5	6.1	106.6	110.2	67.7	67.6	100.1	98.8	68.6	68.8	99.7	20.0	19.4	103.1	143
C2	6.5	5.9	110.2	110.2	68.5	68.2	100.4	100.0	69.5	69.6	99.8	18.7	18.2	102.7	142
D2	6.3	6.4	98.4	106.8	68.8	68.8	100.0	101.9	70.4	70.4	100.0	20.5	20.7	99.0	143
E2	6.4	6.6	97.0	108.5	70.3	69.5	100.7	102.2	71.0	70.3	101.0	22.6	22.1	102.3	143
F2	5.4	5.3	101.9	91.5	69.0	69.1	99.8	100.7	69.2	69.3	99.8	18.0	18.3	98.4	135
G2	5.7	4.7	121.3	96.6	67.7	67.0	101.0	98.8	69.3	69.3	100.0	19.4	18.8	103.2	145
H2	6.4	6.2	103.2	108.5	69.0	69.2	99.7	100.7	69.2	69.4	99.7	20.2	20.2	100.0	137
I2	4.8	4.6	104.3	81.4	68.9	69.1	99.7	100.6	69.5	69.7	99.7	19.8	19.6	101.0	139
J2	6.0	6.0			69.7			70.3				20.0			142
K2	5.1	5.4	94.4	86.4	67.9	68.0	99.8	99.1	69.9	69.8	100.1	19.4	19.8	98.0	145
L2	6.2	6.3	98.4	105.1	68.2	68.4	99.7	99.6	69.4	69.6	99.7	19.3	20.1	96.0	139
M2															144

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

TABLE XIV
AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 69 LB FOURDRINIER KRAFT LINERBOARD
MAY, 1978

CODE	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		
	CUR. AV.	FACT. #B	IND. #C	CUR. AV.	FACT. #B	IND. #C	CUR. AV.	FACT. #B	IND. #C	CUR. AV.	FACT. #B	IND. #C	CUR. AV.	FACT. #B	IND. #C
A1	7.4	7.2	102.8	125.4	68.4	68.6	99.7	99.8	99.4	98.7	19.1	19.6	97.4	97.0	147
B1	5.6	5.6	100.0	94.9	69.2	69.1	100.1	101.0	69.4	98.7	19.4	19.9	97.5	98.5	144
C1	6.5	6.5	100.0	94.9	67.9	68.0	99.8	99.1	69.5	99.7	19.4	19.9	97.5	98.5	144
D1	5.6	5.6	100.0	94.9	67.9	68.0	99.8	99.1	69.5	99.7	19.4	19.9	97.5	98.5	144
E1	6.9	6.7	103.0	116.9	68.3	68.7	99.4	99.7	69.0	99.5	18.9	18.6	97.9	93.9	148
F1	7.7	6.2	124.2	130.5	68.6	69.6	98.6	100.1	68.8	98.6	19.4	19.6	99.0	98.5	134
G1	4.7	4.7	100.0	94.9	67.9	68.0	99.8	99.1	69.5	99.7	19.4	19.9	97.5	98.5	144
H1	6.4	6.2	103.2	108.5	67.8	68.1	99.6	99.0	68.8	99.2	18.3	19.2	95.3	92.9	136
J1	4.8	4.8	100.0	81.4	67.7	67.4	100.4	98.8	69.9	69.6	100.4	100.4	99.5	98.5	142
N1	6.1	6.1	103.7	94.9	67.7	68.1	99.4	98.8	69.3	69.9	99.1	99.6	19.9	19.8	147
O1	5.6	5.4	103.7	94.9	67.7	68.1	99.4	98.8	69.3	69.9	99.1	99.6	19.9	19.8	147
U1	5.5	5.5	105.4	106.8	67.6	67.7	99.8	98.7	68.7	68.6	100.1	98.7	19.6	19.6	143
V1	6.3	6.6	95.4	106.8	67.6	67.7	99.8	98.7	68.7	68.6	100.1	98.7	19.6	19.6	143
X1	5.8	5.5	105.4	98.3	69.2	69.2	100.0	101.0	69.4	69.4	100.0	99.5	100.0	99.5	145
Y1	6.5	7.0	92.8	110.2	68.9	68.3	100.9	100.6	68.9	68.8	100.1	98.0	19.7	19.2	141
Z1	6.6	5.6	117.8	111.9	68.6	68.4	100.3	100.1	69.5	70.0	99.3	98.8	21.4	21.0	133
C2	4.0	4.0	100.0	94.9	67.9	68.0	99.8	99.1	69.5	99.7	19.4	19.9	97.5	98.5	144
D2	5.8	4.9	118.4	98.3	67.7	67.4	100.4	98.8	69.2	69.5	99.6	99.4	19.1	18.8	140
E2	6.8	6.7	101.5	115.2	68.7	68.6	100.1	100.3	69.5	69.4	100.1	99.8	20.8	20.8	137
G2	5.8	6.2	93.5	98.3	68.7	69.1	99.4	100.3	70.2	70.2	100.0	100.9	19.4	19.8	144
I2	6.5	6.5	100.0	98.3	68.7	68.7	99.7	100.6	69.1	69.3	99.7	99.3	19.2	19.3	141
J2	5.8	5.8	100.0	98.3	68.9	69.1	99.7	100.6	69.1	69.3	99.7	99.3	19.2	19.3	138
K2	6.6	6.7	98.5	111.9	69.0	69.0	100.0	100.7	69.2	69.2	100.0	99.4	19.7	20.0	151
L2	7.9	8.0	98.8	133.9	69.0	69.0	100.0	100.7	69.2	69.1	100.1	99.4	19.7	20.0	135
N2	5.3	5.2	101.9	89.8	69.0	69.2	99.7	100.7	69.3	69.5	99.7	99.6	19.1	18.8	141
O2	3.4	3.8	89.5	57.6	67.4	67.7	99.6	98.4	70.6	70.6	100.0	101.4	19.7	20.0	141
Q2	6.4	6.1	104.9	108.5	68.3	67.6	101.0	99.7	69.3	68.8	100.7	99.6	19.9	19.5	141
R2	6.8	5.9	115.2	115.2	68.8	68.2	100.9	100.4	69.6	69.6	100.0	100.0	18.9	18.2	148
S2	6.2	6.4	96.9	105.1	70.0	69.8	100.3	102.2	70.6	70.4	100.3	101.4	21.0	20.7	142
T2	6.5	6.6	98.5	110.2	69.7	69.5	100.3	101.8	70.7	70.4	100.4	101.6	22.5	22.2	136
U2	5.4	5.3	101.9	91.5	69.1	69.1	100.0	100.9	69.3	69.3	100.0	99.6	17.2	18.3	139
V2	5.4	4.8	112.5	91.5	67.6	67.1	100.7	98.7	69.4	69.3	100.1	99.7	19.7	18.8	138
W2	6.6	6.2	106.4	111.9	69.0	69.2	99.7	100.7	69.2	69.4	99.7	99.4	20.3	20.2	140
A3	4.5	4.6	97.8	76.3	69.6	69.1	100.7	101.6	70.2	69.7	100.7	100.9	20.4	19.6	143
B3	6.0	6.0	100.0	94.9	67.9	68.0	99.8	99.1	69.5	69.6	100.0	99.6	19.2	19.7	145
F3	5.2	5.3	98.1	88.1	67.8	68.0	99.7	99.0	69.7	69.8	99.8	100.1	19.2	19.7	139
G3	6.1	6.3	96.8	103.4	68.2	68.4	99.7	99.6	69.4	69.6	99.7	99.7	19.1	20.0	145

FKBG DATA

CUR. AV.	6.0	68.5	69.4	19.6	141
CUM. AV.	5.9	68.5	69.6	19.7	141
IND. #D	101.7	100.0	99.7	99.5	100.0

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

TABLE XV
AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 69 LB FOURDRINIER KRAFT LINERBOARD
JUNE, 1978

CODE	MOISTURE CONTENT, PERCENT			BASIS WT., LB / M SQ FT			ADJ. BASIS WT., LB / M SQ FT			CALIPER, PT			BURSTING STRENGTH, P S I G		
	MACHINE DATA			MACHINE DATA			MACHINE DATA			MACHINE DATA			MACHINE DATA		
	CUR. AV.	CUM. AV.	IND. #C	CUR. AV.	CUM. AV.	IND. #C	CUR. AV.	CUM. AV.	IND. #C	CUR. AV.	CUM. AV.	IND. #C	CUR. AV.	CUM. AV.	IND. #C
A1	7.4	7.2	102.8	125.4	68.5	68.6	99.8	100.0	68.8	69.1	99.6	98.8	18.7	19.5	95.9
B1	5.6	5.6	100.0	94.9	69.3	69.1	100.3	101.2	69.5	69.3	100.3	99.8	19.1	20.0	95.5
C1	6.5	6.5	100.0	110.2	68.9	68.7	100.3	100.6	69.9	69.7	100.3	100.4	23.1	21.0	110.0
D1	5.7	5.6	101.8	96.6	68.5	68.0	100.7	100.0	70.1	69.6	100.7	100.7	18.9	18.9	100.0
E1	6.2	6.7	92.5	105.1	68.2	68.6	99.4	99.6	69.4	69.5	99.8	99.8	18.9	18.7	101.1
F1	6.2	6.3	98.4	105.1	69.5	69.6	99.8	101.4	69.7	69.8	99.8	100.1	19.8	19.6	101.0
G1	4.7	4.7			66.9				69.2				19.2		
H1	6.1	6.2	98.4	103.4	67.9	68.0	99.8	99.1	69.1	69.2	99.8	99.3	19.1	19.0	100.5
J1	5.4	4.8	112.5	91.5	67.7	67.5	100.3	98.8	69.5	69.7	99.7	99.8	20.2	19.5	103.6
N1	6.1				68.4				69.6				19.6		
O1	5.7	5.4	105.6	96.6	67.8	68.1	99.6	99.0	69.4	69.9	99.3	99.7	20.0	19.8	101.0
U1	5.5	5.5	100.0	93.2	67.5	68.0	99.3	98.5	69.2	69.6	99.4	99.4	19.9	19.9	100.0
V1	6.3	6.5	96.9	106.8	68.0	67.7	100.4	99.3	69.1	68.6	100.7	99.3	19.8	19.6	101.0
X1	5.7	5.6	101.8	96.6	69.2	69.2	100.0	101.0	69.4	69.4	100.0	99.7	20.2	19.9	101.5
Y1	6.4	7.0	91.4	108.5	68.9	68.4	100.7	100.6	68.9	68.8	100.1	99.0	19.4	19.2	101.0
Z1	6.8	5.3	117.2	115.2	68.6	68.4	100.3	100.1	69.4	69.9	99.3	99.7	20.9	21.0	99.5
C2	3.7	4.0	92.5	62.7	67.1	67.6	99.3	98.0	70.1	70.3	99.7	100.7	20.0	20.2	99.0
D2	5.6	5.0	112.0	94.9	67.6	67.4	100.3	98.7	69.2	69.5	99.6	99.4	18.2	18.9	96.3
E2	6.8	6.7	101.5	115.2	68.6	68.5	100.1	100.1	69.4	69.4	100.0	99.7	22.2	20.8	106.7
G2	5.8	6.2	93.5	98.3	69.1	69.1	100.0	100.9	70.6	70.2	100.6	101.4	20.0	19.6	102.0
I2	6.5				68.8				69.8				20.4		
J2	5.8				69.0				69.2						
K2	6.6	6.7	98.5	111.9	69.0	69.0	100.0	100.7	69.2	69.2	100.0	99.4	19.2	19.4	99.0
L2	7.9	8.0	98.8	133.9	69.0	69.0	100.0	100.7	69.2	69.2	100.0	99.4	20.2	20.0	101.0
M2	5.1	5.2	98.1	86.4	69.0	69.2	99.7	100.7	69.3	69.5	99.7	99.6	18.8	18.8	100.0
N2	2.5	3.7	67.6	42.4	67.3	67.7	99.4	98.2	71.1	70.7	100.6	102.2	19.6	19.9	98.5
O2	6.3	6.1	103.3	106.8	68.1	67.8	100.4	99.4	69.2	69.6	100.3	99.4	19.7	19.6	100.5
R2	6.9	6.0	115.0	116.9	69.2	68.3	101.3	101.0	69.9	69.6	100.4	100.4	18.2	18.2	100.0
S2	6.2	6.3	98.4	105.1	69.9	69.8	100.1	102.0	70.5	70.4	100.1	101.3	20.8	20.8	100.0
T2	6.4	6.6	97.0	108.5	69.7	69.5	100.3	101.8	70.7	70.4	100.4	101.6	22.0	22.2	99.1
U2	5.6	5.3	105.7	94.9	69.2	69.1	100.1	101.0	69.4	69.3	100.1	99.7	17.9	18.2	98.4
V2	5.6	4.8	116.7	94.9	67.7	67.1	100.9	98.8	69.3	69.3	100.0	99.6	19.0	18.9	100.5
W2	6.6	6.2	106.4	111.9	69.0	69.2	99.7	100.7	69.2	69.4	99.7	99.6	19.9	20.3	98.0
X2	4.1	4.6	89.1	69.5	69.0	69.1	99.8	100.7	69.6	69.7	99.8	100.0	20.7	19.7	105.1
Y2	6.0				69.8				70.4				20.0		
Z2	5.1	5.3	96.2	86.4	68.0	68.0	100.0	99.3	70.0	69.8	100.3	100.6	20.6	19.7	104.6
G3	6.4	6.3	101.6	108.5	68.6	68.4	100.3	100.1	69.6	69.5	100.1	100.0	19.3	20.0	96.5

FRBG DATA

CUR. AV.	5.9														
CUM. AV.	5.9	68.6											19.8		143
IND. #D	100.0	68.5											19.7		141
IND. #D	100.0	100.1											100.5		101.4

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

TABLE XVI
AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 90 LB FOURDRINIER KRAFT LINERBOARD
APRIL, 1978

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				
CODE	MACHINE DATA		IND. *C	MACHINE DATA		IND. *C	MACHINE DATA		IND. *C	MACHINE DATA		IND. *C	MACHINE DATA		IND. *C	MACHINE DATA		IND. *C		
	CUR. AV.	FACT. #B		CUR. AV.	FACT. #B		CUR. AV.	FACT. #B		CUR. AV.	FACT. #B		CUR. AV.	FACT. #B		CUR. AV.	FACT. #B		CUR. AV.	FACT. #B
7-6	7.2	105.6	128.8	89.3	89.4	99.9	100.0	89.5	89.9	99.6	98.7	25.0	25.3	98.8	98.4	183	184	99.4	107.6	
A1	5.7	5.7	100.0	96.6	90.0	89.7	100.3	100.8	90.3	90.0	100.3	99.6	25.1	25.2	99.6	98.8	181	180	100.6	106.5
B1	6.4	6.6	97.0	108.5	88.9	89.9	98.9	99.6	90.2	91.1	99.0	99.4	24.6	24.4	100.8	96.8	157	166	94.6	92.4
D1	7.2	6.7	107.5	122.0	89.5	89.4	100.1	100.2	90.1	90.5	99.6	99.3	25.0	24.3	102.9	98.4	169	172	98.2	99.4
E1	6.3				88.2				89.6				25.3				163			
H1	4.7	5.3	88.7	79.7	87.8	88.2	99.5	98.3	90.8	90.6	100.2	100.1	24.9	25.5	97.6	98.0	167	166	100.6	98.2
J1	5.7	5.5	103.6	96.6	89.7	89.2	100.6	100.4	91.8	91.4	100.4	101.2	26.5	26.1	101.5	104.3	169	171	98.8	99.4
V1	6.4	6.6	97.0	108.5	88.7	88.5	100.2	99.3	90.0	89.6	100.4	99.2	26.5	25.9	102.3	104.3	184	182	101.1	108.2
Z1	5.8				89.4				91.4				26.9				162			
C2	3.5				88.0				92.1				25.8				183			
G2	6.4				89.6				90.8				26.4				161			
K2	6.7				89.3				89.6				24.3				186			
N2	5.4				90.7				91.2				23.4				167			
O2	3.2	3.9	82.0	54.2	88.0	88.6	99.3	98.5	92.4	92.3	100.1	101.9	26.2	26.1	100.4	103.1	177	176	100.6	104.1
R2	6.6	5.7	115.8	111.9	89.5	89.1	100.4	100.2	90.7	91.1	99.6	100.0	24.6	23.9	102.9	96.8	166	164	101.2	97.6
S2	6.1	6.5	93.8	103.4	91.0	90.9	100.1	101.9	91.8	91.7	100.1	101.2	27.7	27.4	101.1	109.0	170	169	100.6	100.0
U2	5.4	5.3	101.9	91.5	90.2	90.2	100.0	101.0	90.5	90.5	100.0	99.8	24.1	24.1	100.0	94.9	163	168	97.0	95.9
V2	5.6	4.7	119.1	94.9	88.3	87.4	101.0	98.9	90.4	90.3	100.1	99.7	25.8	25.1	102.8	101.6	160	159	100.6	94.1
W2	6.3	6.1	103.3	106.8	90.0	90.3	99.7	100.8	90.3	90.6	99.7	99.6	26.2	25.7	101.9	103.1	167	167	100.0	98.2
G3	6.6				89.8				91.0				26.3				172			
FRBG DATA																				
CUR.																				
AV.	5.9			89.3				90.7				25.6				170				
CUM.																				
AV.	5.9			89.3				90.7				25.4				170				
IND.																				
#D	100.0			100.0				100.0				100.8				100.0				

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

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

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

MAY, 1978																				
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				
CODE		MACHINE DATA		MACHINE DATA		MACHINE DATA		MACHINE DATA		MACHINE DATA		MACHINE DATA		MACHINE DATA		MACHINE DATA				
		CUR. AV.	FACT. IND. #C	CUR. AV.	FACT. IND. #C	CUR. AV.	FACT. IND. #C	CUR. AV.	FACT. IND. #C	CUR. AV.	FACT. IND. #C	CUR. AV.	FACT. IND. #C	CUR. AV.	FACT. IND. #C	CUR. AV.	FACT. IND. #C			
A1	7.3	7.2	101.4	123.7	89.3	89.3	100.0	100.0	89.7	89.9	99.8	98.9	24.5	25.1	97.6	96.4	190	185	102.7	111.8
B1	5.8	5.7	101.8	98.3	90.0	89.8	100.2	100.8	90.3	90.1	100.2	99.6	24.7	25.2	98.0	97.2	162	180	90.0	95.3
D1	5.9	6.5	90.8	100.0	89.0	89.8	99.1	99.7	90.9	91.1	99.8	100.2	24.3	24.4	99.6	95.7	164	165	99.4	96.5
E1	6.8	6.7	101.5	115.2	89.1	89.4	99.7	99.8	90.1	90.5	99.6	99.3	25.3	24.4	103.7	99.6	175	172	101.7	102.9
H1	6.3				88.2				89.7				25.3				163			
J1	6.1	5.2	117.3	103.4	88.8	88.2	100.7	99.4	90.4	90.6	99.8	99.7	25.7	25.4	101.2	101.2	165	166	99.4	97.0
O1	5.8	5.5	105.4	98.3	93.1	89.3	104.2	104.2	93.1	91.5	103.9	104.8	27.1	26.2	103.4	106.7	167	170	98.2	98.2
V1	6.4	6.6	97.0	108.5	88.2	88.5	99.7	98.8	89.5	89.7	99.8	98.7	26.2	26.0	100.8	103.1	188	182	103.3	110.6
Z1		5.8			89.4				91.4				26.9				162			
G2	3.5				88.0				92.1				25.8				183			
K2	6.4				89.6				90.8				26.4				161			
N2	6.7				89.3				89.6				24.3				186			
R2	5.4				90.7				91.2				23.4				167			
Q2	3.9				88.6				92.4				26.1				176			
S2	6.2	6.0	103.3	105.1	89.2	89.1	100.1	99.9	90.7	90.9	99.8	100.0	24.8	23.9	103.8	97.6	173	164	105.5	101.8
U2	6.4	6.5	98.5	108.5	91.2	91.0	100.2	102.1	92.0	91.8	100.2	101.4	27.4	27.5	99.6	107.9	167	169	98.8	98.2
V2	5.5	5.3	103.6	93.2	90.0	90.2	99.8	100.8	90.3	90.5	99.8	99.6	24.4	24.1	101.2	96.1	158	167	94.6	92.9
W2	5.5	4.8	114.6	93.2	88.2	87.5	100.8	98.8	90.4	90.4	100.0	99.7	25.1	25.2	99.6	98.8	156	158	98.7	91.8
X2	6.1	6.1	100.0	103.4	90.2	90.2	100.0	101.0	90.5	90.6	99.9	99.8	25.8	25.6	100.0	101.6	174	167	104.2	102.4
Y2	6.2	6.6	93.5	105.1	89.3	89.8	99.4	100.0	90.8	91.0	99.8	100.1	25.5	25.4	96.6	100.4	171	172	99.4	100.6
FKBG DATA																				
CUR.																				
AV.		6.2																		
CUM.		90.8																		
AV.		25.4																		
IND.		170																		
AV.		90.7																		
CUM.		25.4																		
IND.		170																		
AV.		100.0																		
IND.		100.0																		

FRBG DATA
CUR. AV. 6.2
CUM. AV. 5.9
IND. *D 105.1
NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

170
170
100.0

TABLE XVIII
AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 90 LB FOURDRINIER KRAFT LINERBOARD
JUNE, 1978

CODE	MOISTURE CONTENT, PERCENT			BASIS WT., LB / M SQ FT			ADJ. BASIS WT.,*A LB / M SQ FT			CALIPER, PT			BURSTING STRENGTH, PSI G		
	MACHINE DATA			MACHINE DATA			MACHINE DATA			MACHINE DATA			MACHINE DATA		
	CUR. AV.	CUM. AV.	IND. *C	CUR. AV.	CUM. AV.	IND. *C	CUR. AV.	CUM. AV.	IND. *C	CUR. AV.	CUM. AV.	IND. *C	CUR. AV.	CUM. AV.	IND. *C
A1	7.2	100.0	122.0	89.8	89.3	100.6	100.6	90.4	89.9	100.6	99.7	24.6	25.0	98.4	96.8
B1	5.7	6.4	107.8	116.9	89.7	89.7	100.0	100.4	90.6	91.0	99.6	99.9	24.6	24.6	100.0
D1	6.9	6.4	107.8	116.9	89.7	89.7	100.0	100.4	90.6	91.0	99.6	99.9	24.6	24.6	100.0
E1	7.1	6.8	104.4	120.3	89.0	89.4	99.6	99.7	89.7	90.4	99.2	98.9	24.9	24.5	101.6
H1	6.3	5.3	120.8	108.5	89.3	88.2	101.2	100.0	90.6	90.6	100.0	99.9	25.1	25.4	98.8
J1	6.4	5.8	103.6	98.3	88.6	89.8	98.7	99.2	90.5	91.9	98.5	99.8	26.9	26.2	102.7
V1	6.3	6.5	96.9	106.8	89.0	88.5	100.6	99.7	90.4	89.7	100.8	99.7	26.4	26.0	101.5
Z1	5.8	3.8	111.5	115.2	90.2	90.2	100.0	101.0	90.5	90.5	100.0	99.8	25.8	25.8	100.0
G2	6.4	6.4	103.3	105.1	89.3	89.1	100.2	100.0	90.8	90.9	99.9	100.1	23.9	23.9	100.0
K2	6.7	5.4	108.5	108.5	91.0	91.0	100.0	101.9	91.8	91.8	100.0	101.2	26.9	27.3	97.8
N2	3.9	6.5	98.5	108.5	91.0	91.0	100.0	101.9	91.8	91.8	100.0	101.2	26.9	27.3	97.8
R2	6.2	6.0	103.3	105.1	89.3	89.1	100.2	100.0	90.8	90.9	99.9	100.1	23.9	23.9	100.0
S2	6.4	6.5	98.5	108.5	91.0	91.0	100.0	101.9	91.8	91.8	100.0	101.2	26.9	27.3	97.8
U2	5.5	5.3	103.6	93.2	90.4	90.2	100.2	101.2	90.7	90.5	100.2	100.0	23.1	24.1	95.8
V2	5.5	4.8	114.6	93.2	88.2	87.5	100.8	98.8	90.4	90.4	100.0	99.7	25.1	25.2	99.6
W2	6.8	6.1	111.5	115.2	90.2	90.2	100.0	101.0	90.5	90.5	100.0	99.8	25.8	25.8	100.0
G3	6.5	6.5	103.3	105.1	89.3	89.1	100.2	100.0	90.8	90.9	99.9	100.1	23.9	23.9	100.0

FKBG DATA

CUR. AV.	6.4	89.5	90.6	25.2	169
CUM. AV.	5.9	89.3	90.7	25.4	170
IND. *D	108.5	100.2	99.9	99.2	99.4

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 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 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 XIX
DATA ON CONDITIONING AND TESTING ENVIRONMENTS
APRIL, MAY, AND JUNE, 1978

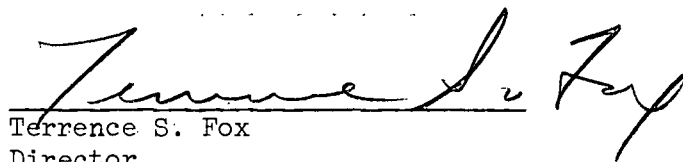
Code	Conditioning Environment				Testing Environment
	Are Quality Samples Conditioned Before Testing?	Time	Temp., °F	RH, %	Are Quality Samples Tested Under Controlled Conditions of Temperature & Humidity?
A1	No	--	--	--	No
B1	No	--	--	--	No
C1	Yes	20 min	--	--	Yes: $72 \pm 3.5^{\circ}\text{F}$; $50 \pm 2\%$ RH
D1	No	--	--	--	No
E1	No	--	--	--	Yes: $72 \pm 2^{\circ}\text{F}$; $50 \pm 1\%$ RH
F1	No	--	--	--	Yes: $70 \pm 2^{\circ}\text{F}$; $50 \pm 2\%$ RH
G1	No	--	--	--	No
H1	No	--	--	--	No
I1	No	--	--	--	Yes: $73 \pm 2^{\circ}\text{F}$; $50 \pm 2\%$ RH
J1	No	--	--	--	Yes: $73 \pm 2^{\circ}\text{F}$; $50 \pm 2\%$ RH
K1	Insufficient tonnage for this period				
L1	No	--	--	--	Yes: $72 \pm 3^{\circ}\text{F}$; $50 \pm 2\%$ RH
M1	No	--	--	--	Yes: $73 \pm 3^{\circ}\text{F}$; $50 \pm 2\%$ RH
N1	No data submitted for this period				
O1	No	--	--	--	No
P1	No	--	--	--	No
Q1	Yes	20 min	--	--	Yes: $70 \pm 2^{\circ}\text{F}$; $50 \pm 2\%$ RH
R1	No	--	--	--	Yes: $73 \pm 2^{\circ}\text{F}$; $50 \pm 2\%$ RH
S1	No	--	--	--	No
T1	Yes	10 min	--	--	Yes: $73 \pm 2^{\circ}\text{F}$; $50 \pm 2\%$ RH
U1	No	--	--	--	Yes: $73 \pm 3.5^{\circ}\text{F}$; $50 \pm 2\%$ RH
V1	No	--	--	--	Yes: $73 \pm 2^{\circ}\text{F}$; $50 \pm 2\%$ RH
W1	No	--	--	--	No
X1	No	--	--	--	Yes: $73 \pm 3^{\circ}\text{F}$; $50 \pm 2\%$ RH
Y1	No	--	--	--	No
Z1	Yes	10 min	--	--	Yes: $73 \pm 2^{\circ}\text{F}$; $50 \pm 2\%$ RH
A2	No	--	--	--	Yes: $73 \pm 3.5^{\circ}\text{F}$; $50 \pm 3\%$ RH
B2	No	--	--	--	No
C2	No	--	--	--	No
D2	No	--	--	--	No
E2	No	--	--	--	Yes: $73 \pm 2^{\circ}\text{F}$; $50 \pm 2\%$ RH
F2	No	--	--	--	No
G2	No	--	--	--	No
H2	No	--	--	--	Yes: $73 \pm 3^{\circ}\text{F}$; 50% RH
I2	No data submitted for this period				
J2	No	--	--	--	No
K2	No	--	--	--	No
L2	No	--	--	--	Yes: $73 \pm 2^{\circ}\text{F}$; $50 \pm 2\%$ RH
M2	No	--	--	--	Yes: $73 \pm 2^{\circ}\text{F}$; $50 \pm 2\%$ RH
N2	No	--	--	--	Yes: $73 \pm 3^{\circ}\text{F}$; $50 \pm 2\%$ RH
O2	No	--	--	--	No
P2	No data submitted for this period				
Q2	Yes	15 min	--	--	Yes: $73 \pm 2^{\circ}\text{F}$; $50 \pm 1\%$ RH
R2	No	--	--	--	Yes: $70 \pm 2^{\circ}\text{F}$; $50 \pm 5\%$ RH
S2	No	--	--	--	No
T2	No	--	--	--	Yes: $72 \pm 3^{\circ}\text{F}$; $50 \pm 2\%$ RH
U2	No	--	--	--	No
V2	No	--	--	--	No
W2	No	--	--	--	Yes: $75 \pm 5^{\circ}\text{F}$; $50 \pm 5\%$ RH
X2	Yes	10 min	--	--	Yes: $73 \pm 2^{\circ}\text{F}$; $50 \pm 2\%$ RH
Y2	No	--	--	--	No
Z2	No data submitted for this period				
A3	No	--	--	--	Yes: $70 \pm 2^{\circ}\text{F}$; $50 \pm 2\%$ RH
B3	No	--	--	--	Yes: $73 \pm 2^{\circ}\text{F}$; $50 \pm 2\%$ RH
C3	Yes	20 min	--	--	Yes: $70 \pm 2^{\circ}\text{F}$; $50 \pm 2\%$ RH
D3	No	--	--	--	No
E3	No	--	--	--	Yes: $73 \pm 2^{\circ}\text{F}$; $50 \pm 2\%$ RH
F3	No	--	--	--	Yes: $73 \pm 3.5^{\circ}\text{F}$; $50 \pm 2\%$ RH
G3	No	--	--	--	No

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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

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

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

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

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

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