

BASE-LINE
3rd Quarter, 1984

**CONTINUOUS BASE-LINE STUDY (MODIFIED)
(MILL LINERBOARD DATA FOR
JULY, AUGUST, SEPTEMBER, 1984)**

Project 2694-1

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

December 1, 1984

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BASE-LINE
3rd QUARTER, 1984

THE INSTITUTE OF PAPER CHEMISTRY

Appleton, Wisconsin

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Report Ninety-Three

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Appleton, Wisconsin

CONTINUOUS BASE-LINE STUDY (MODIFIED)
 (MILL LINERBOARD DATA FOR JULY, AUGUST, SEPTEMBER, 1984)

SUMMARY

PART I: SUMMARY OF MOISTURE CONTENT DATA
 (JUN-SEP, 1984)

Linerboard Grade Wt.		Moisture Content			
		JUN	JUL	AUG	SEP
26 Lb	Max.	6.4	6.4	6.7	6.2
	Min.	3.3	3.2	3.5	3.4
	Ave.	5.0(15)	4.8(14)	5.1(15)	5.0(15)
33 Lb	Max.	6.1	6.4	6.9	6.3
	Min.	3.9	3.5	4.2	4.4
	Ave.	5.3(23)	5.3(21)	5.4(24)	5.3(24)
38 Lb	Max.	6.1	6.4	6.3	6.3
	Min.	5.1	4.9	5.2	5.1
	Ave.	5.6(17)	5.6(16)	5.7(21)	5.7(19)
42 Lb	Max.	6.4	6.6	6.5	6.6
	Min.	4.8	5.1	4.9	4.8
	Ave.	5.8(39)	5.8(37)	5.8(39)	5.8(39)
69 Lb	Max.	7.1	7.1	7.1	7.1
	Min.	5.0	5.4	5.3	5.3
	Ave.	6.3(26)	6.2(27)	6.3(28)	6.3(27)
90 Lb	Max.	9.4	9.2	7.3	6.9
	Min.	5.0	5.3	5.5	5.7
	Ave.	6.5(12)	6.5(12)	6.2(11)	6.3(11)

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

PART II: SUMMARY OF ADJUSTED BASIS WEIGHT DATA
(JUN-SEP, 1984)

Linerboard Grade Wt.	Adjusted Basis Weight, lb/M sq ft				
		JUN	JUL	AUG	SEP
26 Lb	Max.	29.1	28.2	28.3	28.3
	Min.	26.0	26.0	26.1	26.0
	Ave.	26.6(15)	26.6(14)	26.6(15)	26.5(15)
33 Lb	Max.	34.8	35.7	34.4	34.7
	Min.	32.8	32.4	32.9	32.9
	Ave.	33.4(23)	33.5(21)	33.4(24)	33.5(24)
38 Lb	Max.	39.4	39.0	39.5	39.8
	Min.	37.7	37.9	37.9	37.8
	Ave.	38.5(17)	38.5(16)	38.5(21)	38.6(19)
42 Lb	Max.	43.3	43.4	43.0	43.2
	Min.	41.4	41.7	41.7	41.6
	Ave.	42.4(39)	42.4(37)	42.4(39)	42.4(39)
69 Lb	Max.	70.3	70.4	70.5	70.3
	Min.	68.3	68.6	67.9	68.2
	Ave.	69.5(26)	69.5(27)	69.4(28)	69.5(27)
90 Lb	Max.	91.7	92.5	92.0	92.5
	Min.	89.6	90.3	90.1	89.0
	Ave.	90.7(12)	90.9(12)	90.6(11)	91.0(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
(JUN-SEP, 1984)

Linerboard Grade Wt.		Caliper, pt.			
		JUN	JUL	AUG	SEP
26 Lb	Max.	8.8	8.9	8.7	8.6
	Min.	7.1	7.1	7.4	7.1
	Ave.	8.0(15)	7.9(14)	8.0(15)	7.9(15)
33 Lb	Max.	11.5	11.1	11.6	11.3
	Min.	7.5	8.5	8.9	8.3
	Ave.	9.9(22)	9.9(20)	9.8(23)	9.8(23)
38 Lb	Max.	12.6	11.9	12.0	11.7
	Min.	9.2	9.8	9.7	9.8
	Ave.	11.0(16)	10.9(15)	11.0(20)	10.8(18)
42 Lb	Max.	13.8	13.6	13.7	13.4
	Min.	10.6	10.8	10.7	10.7
	Ave.	12.0(38)	11.9(36)	11.9(38)	11.8(38)
69 Lb	Max.	20.9	21.0	20.7	21.3
	Min.	17.3	17.8	17.7	17.6
	Ave.	19.3(25)	19.2(26)	19.2(27)	19.3(26)
90 Lb	Max.	26.4	26.7	26.7	26.8
	Min.	21.8	22.9	22.8	23.1
	Ave.	25.2(12)	25.3(12)	25.0(11)	25.0(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
(JUN-SEP, 1984)

Linerboard Grade Wt.	Bursting Strength, psig				
	JUN	JUL	AUG	SEP	
26 Lb	Max.	88	85	86	92
	Min.	64	63	66	66
	Ave.	73(15)	72(14)	72(15)	72(15)
33 Lb	Max.	98	96	103	102
	Min.	78	77	80	79
	Ave.	86(23)	86(21)	86(24)	86(24)
38 Lb	Max.	108	106	104	106
	Min.	91	89	92	91
	Ave.	97(17)	98(16)	97(21)	97(19)
42 Lb	Max.	120	126	129	131
	Min.	98	98	99	100
	Ave.	106(39)	106(37)	106(39)	106(39)
69 Lb	Max.	162	166	164	165
	Min.	135	136	135	135
	Ave.	142(26)	144(27)	143(28)	144(27)
90 Lb	Max.	192	194	185	193
	Min.	155	154	155	154
	Ave.	173(12)	177(12)	174(11)	174(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
(JUN-SEP, 1984)

Linerboard Grade Wt.	CD Ring Crush, lb				
	JUN	JUL	AUG	SEP	
26 Lb	Max.	49.0	47.0	44.0	43.0
	Min.	29.0	27.6	30.0	26.0
	Ave.	36.2(11)	36.2(7)	36.6(8)	36.1(9)
33 Lb	Max.	70.0	61.0	63.0	65.0
	Min.	42.0	46.0	43.0	45.0
	Ave.	55.5(16)	52.4(12)	51.7(13)	54.3(13)
38 Lb	Max.	76.6	75.9	71.0	78.0
	Min.	52.0	49.0	53.0	49.0
	Ave.	64.4(14)	62.6(10)	62.6(12)	65.5(13)
42 Lb	Max.	119.0	92.9	83.0	84.6
	Min.	59.0	62.7	62.0	61.0
	Ave.	72.5(26)	72.9(23)	70.8(22)	72.1(25)
69 Lb	Max.	133.0	154.1	129.0	133.0
	Min.	96.2	100.6	96.2	93.0
	Ave.	116.0(19)	119.9(20)	114.1(18)	114.9(20)
90 Lb	Max.	179.0	174.0	162.0	168.0
	Min.	134.9	134.4	118.0	142.0
	Ave.	152.1(11)	155.7(11)	144.7(10)	152.9(9)

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
 JULY, 1984

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.	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
A1			5.8				25.9				26.5				7.7					67
C1	4.9	4.9	100.0	98.0	25.5	25.5	100.0	98.1	26.3	26.3	100.0	98.9	7.8	8.0	97.5	98.7	76	76	100.0	105.6
F1			4.5				25.4				26.3				7.8					70
K1			5.0				26.0				26.1				7.9					73
M1	5.0	5.0	100.0	100.0	26.0	26.0	100.0	100.0	26.1	26.2	99.6	98.1	7.7	7.8	98.7	97.5	73	70	104.3	101.4
N1	3.3	3.4	97.0	66.0	26.9	26.9	100.0	103.5	28.2	28.2	100.0	106.0	7.1	7.0	101.4	89.9	81	74	109.4	112.5
U1	5.8	5.8	100.0	116.0	26.0	26.1	99.6	100.0	26.2	26.3	99.6	98.5	8.5	8.5	100.0	107.6	63	65	96.9	87.5
X1			5.1				26.0				26.7				8.1					77
H2			5.7				25.3				25.9				7.8					69
L2			5.7				26.1				26.2				7.8					68
O2	4.0	3.6	111.1	80.0	26.4	26.5	99.6	101.5	26.5	26.6	99.6	99.6	8.9	8.4	106.0	112.6	80	80	100.0	111.1
T2	3.9	3.9	100.0	78.0	25.9	25.9	100.0	99.6	27.0	27.0	100.0	101.5	7.8	7.8	100.0	98.7	70	70	100.0	97.2
Z2	5.2	5.2	100.0	104.0	26.4	25.8	102.3	101.5	27.1	26.6	101.9	101.9	8.4	8.3	101.2	106.3	85	82	103.6	118.0
A3	5.1	5.1	100.0	102.0	26.3	26.4	99.6	101.2	26.4	26.5	99.6	99.2	8.0	8.0	100.0	101.3	67	68	98.5	93.0
Q3	3.2	3.5	91.4	64.0	25.3	26.0	97.3	97.3	26.6	27.2	97.8	100.0	8.9	8.9	100.0	112.6	68	70	97.1	94.4
V3	4.3	4.8	89.6	86.0	26.0	26.1	99.6	100.0	27.0	27.0	100.0	101.5	7.3	8.0	91.2	92.4	74	72	102.8	102.8
G4			5.0				25.6				26.4				7.9					72
J4	5.3	5.2	101.9	106.0	25.6	25.8	99.2	98.5	26.3	26.6	98.9	98.9	7.5	7.6	98.7	94.9	69	69	100.0	95.8
K4	5.9	5.8	101.7	118.0	26.0	25.9	100.4	100.0	26.1	26.0	100.4	98.1	8.1	8.1	100.0	102.5	69	69	100.0	95.8
N4			5.8				26.1				26.2				6.8					65
O4	5.4	5.2	103.8	108.0	25.7	25.7	100.0	98.8	26.4	26.5	99.6	99.2	7.6	7.2	105.6	96.2	71	71	100.0	98.6
S4	6.4	6.2	103.2	128.0	25.9	26.0	99.6	99.6	26.0	26.0	100.0	97.7	7.6	7.6	100.0	96.2	63	65	96.9	87.5
FKBG DATA																				
CUR.																				
AV.	4.8				26.0				26.6				7.9				72			
CUM.																				
AV.	5.0				26.0				26.6				7.9				72			
IND.																				
*D	96.0				100.0				100.0				100.0				100.0			

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
AUGUST, 1984

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.	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
A1	6.1	5.8	105.2	122.0	26.1	25.9	100.8	100.4	26.6	26.4	100.8	100.4	7.6	7.7	98.7	96.2	68	66	103.0	94.4
C1	4.7	4.9	95.9	94.0	25.8	25.6	100.8	99.2	26.7	26.4	101.1	100.8	8.1	7.9	102.5	102.5	79	77	102.6	109.7
F1		4.5				25.4				26.3				7.8				70		
K1	5.1	5.0	102.0	102.0	26.0	26.0	100.0	100.0	26.1	26.1	100.0	98.5	8.0	7.9	101.3	101.3	70	73	95.9	97.2
M1	5.0	5.0	100.0	100.0	26.1	26.0	100.4	100.4	26.2	26.1	100.4	98.9	7.9	7.8	101.3	100.0	71	71	100.0	98.6
N1	3.5	3.4	102.9	70.0	27.0	26.9	100.4	103.8	28.3	28.2	100.4	106.8	7.4	7.0	105.7	93.7	79	74	106.8	109.7
U1	5.7	5.8	98.3	114.0	26.0	26.1	99.6	100.0	26.2	26.3	99.6	98.9	8.3	8.5	97.6	105.1	67	65	103.1	93.0
X1		5.2				26.0				26.7				8.2				77		
B2		5.7				25.2				25.8				7.8				69		
L2	5.9	5.7	103.5	118.0	26.0	26.1	99.6	100.0	26.1	26.2	99.6	98.5	7.8	7.8	100.0	98.7	70	68	102.9	97.2
O2	4.3	3.7	116.2	86.0	26.5	26.5	100.0	101.9	26.6	26.6	100.0	100.4	8.4	8.4	100.0	106.3	86	80	107.5	119.4
T2	4.3	4.0	107.5	86.0	26.0	25.9	100.4	100.0	27.0	27.0	100.0	101.9	7.8	7.8	100.0	98.7	69	70	98.6	95.8
Z2	5.1	5.2	98.1	102.0	26.4	25.9	101.9	101.5	27.2	26.6	102.2	102.6	8.2	8.3	98.8	103.8	77	82	93.9	106.9
A3	4.8	5.1	94.1	96.0	26.3	26.4	99.6	101.2	26.4	26.5	99.6	99.6	8.2	8.0	102.5	103.8	69	67	103.0	95.8
O3	3.8	3.5	108.6	76.0	26.2	25.9	101.2	100.8	27.3	27.1	100.7	103.0	8.7	8.9	97.8	110.1	72	69	104.3	100.0
V3		4.7				26.1				27.0				7.8				72		
G4		5.0				25.6				26.4				8.0				73		
J4	5.2	5.2	100.0	104.0	26.0	25.7	101.2	100.0	26.7	26.5	100.8	100.8	8.0	7.6	105.3	101.3	70	69	101.4	97.2
K4	6.1	5.8	105.2	122.0	26.0	26.0	100.0	100.0	26.1	26.0	100.4	98.5	8.0	8.1	98.8	101.3	68	69	98.6	94.4
N4		5.8				26.1				26.2				6.8				65		
O4		5.3				25.7				26.4				7.2				71		
S4	6.7	6.3	106.3	134.0	26.0	26.0	100.0	100.0	26.1	26.0	100.4	98.5	7.6	7.6	100.0	96.2	66	65	101.5	91.7
FKBG DATA																				
CUR.																				
AV. 5.1																				
26.2																				
26.6																				
8.0																				
72																				
CUM.																				
AV. 5.0																				
26.0																				
26.5																				
7.9																				
72																				
IND.																				
*D 102.0																				
100.8																				
100.4																				
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
SEPTEMBER, 1984

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.	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
A1	5.9	5.9	100.0	118.0	25.8	25.9	99.6	99.2	26.3	26.5	99.2	98.9	7.5	7.7	97.4	94.9	68	67	101.5	95.8
C1	4.9	4.9	100.0	98.0	25.6	25.6	100.0	98.5	26.4	26.4	100.0	99.2	8.0	7.8	102.6	101.3	80	78	102.6	112.7
F1		4.5				25.4				26.3				7.8				70		
K1	5.0	5.0	100.0	100.0	26.1	26.0	100.4	100.4	26.2	26.1	100.4	98.5	8.1	7.9	102.5	102.5	69	72	95.8	97.2
M1		5.0				26.0				26.2				7.8				71		
N1	3.9	3.4	114.7	78.0	27.2	26.9	101.1	104.6	28.3	28.2	100.4	106.4	7.5	7.0	107.1	94.9	76	75	101.3	107.0
U1	5.7	5.8	98.3	114.0	26.0	26.0	100.0	100.0	26.2	26.2	100.0	98.5	8.5	8.5	100.0	107.6	66	65	101.5	93.0
X1		5.1				26.0				26.7				8.2				77		
B2		5.7				25.2				25.8				7.8				69		
L2	5.8	5.7	101.8	116.0	26.4	26.1	101.1	101.5	26.5	26.2	101.1	99.6	7.9	7.8	101.3	100.0	67	68	98.5	94.4
O2	4.3	3.7	116.2	86.0	26.4	26.5	99.6	101.5	26.5	26.6	99.6	99.6	8.6	8.4	102.4	108.9	84	81	103.7	118.3
T2	4.1	4.0	102.5	82.0	25.9	25.9	100.0	99.6	26.9	27.0	99.6	101.1	7.6	7.8	97.4	96.2	71	70	101.4	100.0
Z2	5.0	5.2	96.2	100.0	25.6	26.0	98.5	98.5	26.4	26.7	98.9	99.2	7.9	8.3	95.2	100.0	92	82	112.2	129.6
A3	5.2	5.0	104.0	104.0	26.4	26.4	100.0	101.5	26.5	26.5	100.0	99.6	8.0	8.0	100.0	101.3	67	68	98.5	94.4
Q3	3.4	3.5	97.1	68.0	25.3	25.9	97.7	97.3	26.5	27.1	97.8	99.6	8.5	8.9	95.5	107.6	69	70	98.6	97.2
V3		4.7				26.1				27.0				7.8				72		
G4		5.0				25.6				26.4				8.0				73		
J4	5.1	5.2	98.1	102.0	25.8	25.8	100.0	99.2	26.5	26.5	100.0	99.6	7.5	7.7	97.4	94.9	68	69	98.6	95.8
K4	6.1	5.8	105.2	122.0	25.9	26.0	99.6	99.6	26.0	26.0	100.0	97.7	8.0	6.1	98.8	101.3	71	69	102.9	100.0
N4		5.8				26.1				26.2				6.8				65		
O4	5.1	5.4	94.4	102.0	25.6	25.7	99.6	98.5	26.3	26.4	99.6	98.9	7.4	7.4	100.0	93.7	72	71	101.4	101.4
S4	6.2	6.3	98.4	124.0	26.1	26.0	100.4	100.4	26.2	26.0	100.8	98.5	7.1	7.6	93.4	89.9	67	65	103.1	94.4
FKBG DATA																				
CUR.																				
AV. 5.0																				
CUM.																				
AV. 5.0																				
IND.																				
*D 100.0																				
26.0																				
26.0																				
100.0																				
99.6																				
100.0																				
72																				
71																				
101.4																				

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.

	JULY, 1984				AUGUST, 1984				SEPTEMBER, 1984			
	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
A1		32.6			35.0	32.6	107.4	95.9	36.0	32.9	109.4	99.4
C1												
F1												
K1		34.7			30.0	34.7	86.4	82.2	26.0	33.5	77.6	71.8
M1	33.0	33.0	100.0	89.7	33.0	32.9	100.3	90.4		32.5		
N1	47.0	47.1	99.8	127.7	44.0	47.5	92.6	120.5	43.0	47.6	90.3	118.8
U1	37.0	37.0	100.0	100.5	38.0	37.0	102.7	104.1	38.0	37.1	102.4	105.0
X1												
B2		30.9				30.7				30.7		
L2												
D2	34.0	34.5	98.6	92.4	37.0	34.5	107.2	101.4	36.0	34.7	103.7	99.4
T2	30.9	37.2	83.1	84.0	34.9	36.5	95.6	95.6	36.7	36.2	101.4	101.4
Z2												
A3												
O3		36.5				36.5			37.0	36.5	101.4	102.2
V3												
G4		34.9				34.0				34.0		
J4												
K4	44.0	37.1	118.6	119.6	41.0	37.9	108.2	112.3	43.0	38.2	112.6	118.8
N4												
O4	27.6	35.9	76.9	75.0		34.0			29.6	33.1	89.4	81.8
S4												
FKBG DATA												
CUR.												
AV.	36.2				36.6				36.1			
CUM.												
AV.	36.8				36.5				36.2			
IND.												
*D	98.4				100.3				99.7			

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
 JULY, 1964

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 C			
	MACHINE DATA				MACHINE DATA				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	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
A1	5.7	5.7	100.0	109.6	31.7	32.7	96.9	96.9	32.4	33.4	97.0	97.0	9.5	9.7	97.9	96.0	83	81	102.5	96.5
C1	5.6	5.5	101.8	107.7	32.4	32.1	100.9	99.1	33.2	32.9	100.9	99.4	10.9	10.3	105.8	110.1	96	94	102.1	111.6
F1		5.2				32.5				33.4				9.8				83		
I1	4.6	4.6	100.0	88.5	32.3	32.3	100.0	98.8	32.6	32.6	100.0	97.6	9.7	9.9	98.0	98.0	82	80	102.5	95.3
K1		5.0				33.0				33.2				9.9				82		
M1	5.1	5.0	102.0	98.1	33.1	33.0	100.3	101.2	33.2	33.1	100.3	99.4	10.1	9.9	102.0	102.0	86	85	101.2	100.0
N1	3.5	4.0	87.5	67.3	32.7	32.6	100.3	100.0	34.2	34.0	100.6	102.4	9.1	8.5	107.0	91.9	90	86	104.6	104.6
I1	5.6	5.6	100.0	107.7	32.5	32.4	100.3	99.4	33.3	33.1	100.6	99.7	9.6	9.6	100.0	97.0	88	91	96.7	102.3
U1	6.0	5.9	101.7	115.4	32.9	33.0	99.7	100.6	33.2	33.4	99.4	99.4	10.2	10.4	98.1	103.0	77	78	98.7	89.5
X1	5.5	5.4	101.8	105.8	33.3	32.8	101.5	101.8	34.1	33.7	101.2	102.1	10.2	10.2	100.0	103.0	94	83	113.2	109.3
B2		5.9				31.8				32.4				9.6				82		
L2	6.2	6.0	103.3	119.2	33.2	33.0	100.6	101.5	33.4	33.2	100.6	100.0	10.1	9.8	103.1	102.0	80	81	98.8	93.0
I2	4.6	4.4	104.5	88.5	32.7	32.7	100.0	100.0	33.8	33.9	99.7	101.2	9.3	9.8	94.9	93.9	84	86	97.7	97.7
Z2	5.5	5.0	110.0	105.8	34.8	32.6	106.7	106.4	35.7	33.6	106.2	106.9	10.5	9.7	108.2	106.1	94	98	95.9	109.3
A3	5.3	5.5	96.4	101.9	33.2	33.3	99.7	101.5	33.3	33.4	99.7	99.7	9.8	9.9	99.0	99.0	84	81	103.7	97.7
E3	5.8	5.8	100.0	111.5	33.1	33.1	100.0	101.2	33.2	33.2	100.0	99.4					79	82	96.3	91.9
I3		5.1				32.8				33.4				9.8				90		
K3		5.2				32.7				33.0				10.3				82		
O3	4.0	4.3	93.0	76.9	32.4	32.5	99.7	99.1	33.7	33.8	99.7	100.9	10.5	10.9	96.3	106.1	93	87	106.9	108.1
V3	5.1	5.4	94.4	98.1	33.2	33.1	100.3	101.5	34.2	34.0	100.6	102.4	9.2	9.8	93.9	92.9	85	82	103.6	98.8
Z3	4.6	3.9	117.9	88.5	32.5	32.4	100.3	99.4	33.6	33.8	99.4	100.6	11.1	11.7	94.9	112.1	90	86	104.6	104.6
C4		4.9				33.1				33.2				10.2				92		
G4		5.1				32.5				33.4				9.6				88		
J4	5.9	5.4	109.2	113.5	32.7	32.7	100.0	100.0	33.4	33.5	99.7	100.0	9.6	10.0	96.0	97.0	86	81	106.2	100.0
K4	6.0	5.8	103.4	115.4	33.0	32.8	100.6	100.9	33.1	32.9	100.6	99.1	10.2	10.2	100.0	103.0	82	83	98.8	95.3
M4		2.7				32.1				33.9				9.9				90		
N4	5.7	6.0	95.0	109.6	33.0	33.0	100.0	100.9	33.1	33.1	100.0	99.1	8.5	6.8	96.6	85.8	88	88	100.0	102.3
O4	5.6	5.4	103.7	107.7	32.6	32.6	100.0	99.7	33.4	33.5	99.7	100.0	9.9	9.2	107.6	100.0	78	83	94.0	90.7
S4	6.4	6.5	98.5	123.1	32.9	32.9	100.0	100.6	33.0	33.0	100.0	98.8	10.0	10.2	98.0	101.0	84	85	98.8	97.7
T4		6.3				33.0				33.1				9.4				88		

FKBG DATA

CUR. AV.	5.3	32.9	33.5	9.9	86
CUM. AV.	5.2	32.7	33.4	9.9	86
IND. *D	101.9	100.6	100.3	100.0	100.0

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

AUGUST, 1984

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.	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
A1	5.9	5.7	103.5	113.5	32.7	32.6	100.3	100.0	33.4	33.3	100.3	100.0	9.7	9.7	100.0	98.0	84	81	103.7	97.7
C1	5.6	5.5	101.8	107.7	32.5	32.1	101.2	99.4	33.3	32.9	101.2	99.7	10.3	10.4	99.0	104.0	100	94	106.4	116.3
F1		5.4				32.5				33.4				9.6				83		
I1	4.5	4.6	97.8	86.5	32.6	32.3	100.9	99.7	32.9	32.6	100.9	98.5	9.9	9.9	100.0	100.0	85	80	106.2	98.8
K1	5.0	5.0	100.0	96.2	33.0	33.0	100.0	100.9	33.1	33.2	99.7	99.1	10.1	9.9	102.0	102.0	82	82	100.0	95.3
M1	5.0	5.0	100.0	96.2	33.0	33.0	100.0	100.9	33.1	33.1	100.0	99.1	9.8	10.0	98.0	99.0	85	85	100.0	98.8
N1	4.2	4.0	105.0	80.8	33.1	32.6	101.5	101.2	34.4	33.9	101.5	103.0	9.3	8.6	108.1	93.9	88	86	102.3	102.3
T1	5.3	5.6	94.6	101.9	32.4	32.4	100.0	99.1	33.3	33.2	100.3	99.7	9.8	9.6	102.1	99.0	92	91	101.1	107.0
X1	5.8	6.0	96.7	111.5	32.9	33.0	99.7	100.6	33.2	33.3	99.7	99.4	10.1	10.4	97.1	102.0	80	78	102.6	93.0
J1	5.3	5.4	98.1	101.9	32.8	32.9	99.7	100.3	33.7	33.8	99.7	100.9	9.4	10.2	92.2	94.9	86	84	102.4	100.0
B2		5.9				31.7				32.4				9.6				82		
H2	5.4			103.8	33.0			100.9	33.3			99.7	10.0			101.0	81			94.2
L2	6.0	6.0	100.0	115.4	33.1	33.1	100.0	101.2	33.3	33.3	100.0	99.7	10.0	9.8	102.0	101.0	81	81	100.0	94.2
T2	4.7	4.4	106.8	90.4	32.9	32.7	100.6	100.6	34.0	33.9	100.3	101.8	9.8	9.8	100.0	99.0	85	86	98.8	98.8
Z2	5.0	5.0	100.0	96.2	33.0	32.8	100.6	100.9	34.0	33.8	100.6	101.8	9.7	9.7	100.0	98.0	103	99	104.0	119.8
A3	5.7	5.5	103.6	109.6	33.2	33.3	99.7	101.5	33.3	33.4	99.7	99.7	10.1	9.9	102.0	102.0	82	81	101.2	95.3
E3	5.8	5.8	100.0	111.5	33.1	33.1	100.0	101.2	33.2	33.2	100.0	99.4					81	82	98.8	94.2
I3		5.0				32.8				33.4				9.8				89		
K3		5.2				32.7				33.0				10.3				82		
O3		4.4				32.5				33.7				10.9				88		
V3	5.1	5.4	94.4	98.1	33.3	33.1	100.6	101.8	34.3	34.0	100.9	102.7	9.0	9.8	91.8	90.9	89	82	108.5	103.5
Z3	4.6	4.1	112.2	88.5	32.4	32.4	100.0	99.1	33.5	33.7	99.4	100.3	11.6	11.7	99.1	117.2	87	87	100.0	101.2
C4	4.9	4.9	100.0	94.2	33.0	33.1	99.7	100.9	33.1	33.2	99.7	99.1	10.3	10.2	101.0	104.0	89	92	96.7	103.5
G4	5.6	5.0	112.0	107.7	33.2	32.5	102.2	101.5	34.0	33.5	101.5	101.8	9.4	9.6	97.9	94.9	87	87	100.0	101.2
J4	5.1	5.6	91.1	98.1	32.4	32.7	99.1	99.1	33.3	33.5	99.4	99.7	10.2	9.9	103.0	103.0	85	82	103.6	98.8
K4	6.1	5.9	103.4	117.3	33.0	32.8	100.6	100.9	33.1	32.9	100.6	99.1	10.0	10.2	98.0	101.0	83	83	100.0	96.5
M4		2.8				32.1				33.8				9.9				91		
N4	6.0	5.9	101.7	115.4	33.0	33.0	100.0	100.9	33.1	33.1	100.0	99.1	8.9	8.7	102.3	89.9	88	88	100.0	102.3
O4		5.4				32.6				33.4				9.3				83		
S4	6.9	6.6	104.5	132.7	33.0	33.0	100.0	100.9	33.1	33.0	100.3	99.1	9.7	10.2	95.1	98.0	86	85	101.2	100.0
T4	6.4	6.3	101.6	123.1	33.0	33.0	100.0	100.9	33.1	33.1	100.0	99.1	9.1	9.4	96.8	91.9	86	88	97.7	100.0

FKBG DATA

CUR. AV.	5.4		32.9		33.4		9.8		86
CUM. AV.	5.2		32.7		33.4		9.9		86
IND. *D	103.8		100.6		100.0		99.0		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

SEPTEMBER, 1984

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.	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
A1	6.0	5.8	103.4	115.4	32.0	32.6	100.6	100.3	33.5	33.3	100.6	100.3	9.8	9.7	101.0	99.0	83	82	101.2	96.5
C1	5.4	5.5	98.2	103.8	32.1	32.1	100.0	98.2	32.9	32.9	100.0	98.5	10.6	10.4	101.9	107.1	96	95	101.0	111.6
F1	4.8	5.3	90.6	92.3	32.7	32.5	100.6	100.0	33.8	33.4	101.2	101.2	9.6	10.0	96.0	97.0	81	84	96.4	94.2
I1		4.6				32.3				32.6				9.9				81		
K1	5.0	5.0	100.0	96.2	33.0	33.0	100.0	100.9	33.1	33.1	100.0	99.1	9.5	10.0	95.0	96.0	87	82	106.1	101.2
M1	5.0	5.0	100.0	96.2	33.0	33.0	100.0	100.9	33.1	33.1	100.0	99.1	10.7	10.0	107.0	108.1	84	85	98.8	97.7
N1	4.4	4.0	110.0	84.6	32.8	32.6	100.6	100.3	34.0	34.0	100.0	101.8	9.2	8.6	107.0	92.9	86	86	100.0	100.0
T1	5.5	5.6	98.2	105.8	32.4	32.4	100.0	99.1	33.2	33.2	100.0	99.4	8.3	9.6	86.4	83.8	92	90	102.2	107.0
U1	5.8	5.9	98.3	111.5	32.9	33.0	99.7	100.6	33.2	33.3	99.7	99.4	10.0	10.4	96.2	101.0	79	78	101.3	91.9
X1	5.3	5.4	98.1	101.9	33.3	32.9	101.2	101.8	34.2	33.8	101.2	102.4	10.2	10.1	101.0	103.0	91	84	108.3	105.8
B2		5.9				31.7				32.4				9.7				82		
H2		5.4				33.0				33.3				10.0				81		
L2	5.9	6.0	98.3	113.5	33.1	33.1	100.0	101.2	33.3	33.3	100.0	99.7	9.7	9.8	99.0	98.0	79	81	97.5	91.9
T2	4.7	4.5	104.4	90.4	32.8	32.7	100.3	100.3	33.9	33.9	100.0	101.5	9.5	9.8	96.9	96.0	84	86	97.7	97.7
Z2	4.8	5.0	96.0	92.3	33.6	32.8	102.4	102.8	34.7	33.8	102.7	103.9	10.4	9.7	107.2	105.0	102	100	102.0	118.6
A3	5.4	5.4	100.0	103.8	33.3	33.3	100.0	101.8	33.4	33.4	100.0	100.0	9.8	9.9	99.0	99.0	80	81	98.8	93.0
E3	5.8	5.8	100.0	111.5	33.0	33.1	99.7	100.9	33.1	33.2	99.7	99.1					82	82	100.0	95.3
I3		5.0				32.8				33.3				9.7				90		
K3		5.2				32.7				33.0				10.3				82		
U3	4.8	4.3	111.6	92.3	32.7	32.5	100.6	100.0	33.8	33.7	100.3	101.2	10.9	10.9	100.0	110.1	89	88	101.1	103.5
V3	5.3	5.3	100.0	101.9	33.5	33.1	101.2	102.4	34.4	34.0	101.2	103.0	9.6	9.7	99.0	97.0	85	83	102.4	98.8
Z3	4.6	4.2	109.5	88.5	32.4	32.4	100.0	99.1	33.5	33.7	99.4	100.3	11.3	11.7	96.6	114.1	85	87	97.7	98.8
C4	4.9	4.9	100.0	94.2	33.0	33.1	99.7	100.9	33.1	33.2	99.7	99.1	10.0	10.2	98.0	101.0	95	91	104.4	110.5
G4		5.2				32.7				33.6				9.6				87		
J4	5.6	5.5	101.8	107.7	32.8	32.6	100.6	100.3	33.6	33.4	100.6	100.6	10.1	9.9	102.0	102.0	81	83	97.6	94.2
K4	5.9	5.9	100.0	113.5	32.9	32.8	100.3	100.6	33.0	32.9	100.3	98.8	10.0	10.2	98.0	101.0	83	83	100.0	96.5
M4		2.8				32.0				33.8				10.0				91		
N4	6.0	5.9	101.7	115.4	32.8	33.0	99.4	100.3	32.9	33.1	99.4	98.5	8.9	8.7	102.3	89.9	87	88	98.9	101.2
O4	5.1	5.5	92.7	98.1	32.5	32.7	99.4	99.4	33.4	33.5	99.7	100.0	9.2	9.3	98.9	92.9	82	83	98.8	95.3
S4	5.8	6.6	87.9	111.5	33.0	33.0	100.0	100.9	33.1	33.0	100.3	99.1	9.7	10.1	96.0	98.0	85	85	100.0	98.8
T4	6.3	6.3	100.0	121.2	33.0	33.0	100.0	100.9	33.1	33.1	100.0	99.1	8.9	9.3	95.7	89.9	88	87	101.1	102.3

FKBG DATA

CUR.																				
AV.	5.3				32.9				33.5				9.8					86		
CUM.																				
AV.	5.2				32.7				33.4				9.9					86		
IND.																				
*D	101.9				100.6				100.3				99.0					100.0		

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.

	JULY, 1984				AUGUST, 1984				SEPTEMBER, 1984			
	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
A1	49.8	50.4	98.8	93.4	50.0	50.3	99.4	93.6	50.0	50.3	99.4	93.8
C1		57.4				57.4				57.4		
F1												
I1	49.0	51.0	96.1	91.9	53.0	51.0	103.9	99.2		51.5		
K1		43.5			43.0	43.5	98.8	80.5	52.0	43.3	120.1	97.6
M1	48.0	46.9	102.3	90.0	55.0	47.0	117.0	103.0	45.0	47.3	95.1	84.4
N1	57.0	58.4	97.6	106.9	54.0	58.6	92.2	101.1	56.0	58.7	95.4	105.1
T1	51.0	55.9	91.2	95.7	47.0	56.0	83.9	88.0	52.0	55.0	94.5	97.6
U1	46.0	50.9	90.4	86.3	51.0	50.4	101.2	95.5	56.0	50.4	111.1	105.1
X1												
H2		41.0				41.4				41.6		
H2					51.0			95.5		51.0		
L2												
T2	47.4	55.9	84.8	88.9	51.6	54.8	94.2	96.6	53.4	54.0	98.9	100.2
Z2												
A3												
E3	54.0	51.6	104.6	101.3	49.0	52.5	93.3	91.8	50.0	52.5	95.2	93.8
I3		61.7				62.2				63.3		
K3		56.0				56.0				56.0		
O3	57.0	59.1	96.4	106.9		58.9			55.0	58.4	94.2	103.2
V3												
Z3	58.0	57.6	100.7	108.8	45.0	57.6	78.1	84.3	51.0	56.1	90.9	95.7
C4		59.7			60.0	59.6	100.7	112.4	63.0	59.8	105.4	118.2
G4		49.0				48.5				47.7		
J4												
K4	61.0	53.1	114.9	114.4	63.0	54.0	116.7	118.0	65.0	54.9	118.4	122.0
M4		57.7				57.7				56.8		
N4												
O4	50.0	50.0	100.0	93.8		49.6			57.4	49.7	115.5	107.7
S4												
T4												
FK8G DATA												
CUR. AV.	52.4				51.7				54.3			
CUM. AV.	53.3				53.4				53.3			
IND. *D	98.3				96.8				101.9			

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
 JULY, 1984

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.	CUM.	FACT.	IND.	CUR.	CUM.	FACT.	IND.	CUR.	CUM.	FACT.	IND.	CUR.	CUM.	FACT.	IND.	CUR.	CUM.	FACT.	IND.
AV.	AV.	*B	*C	AV.	AV.	*B	*C	AV.	AV.	*B	*C	AV.	AV.	*B	*C	AV.	AV.	*B	*C	
C1		5.8				37.2				38.0				11.6				114		
M1	6.1	6.0	101.7	108.9	37.9	38.0	99.7	99.7	38.0	38.1	99.7	98.7	11.3	11.2	100.9	103.7	94	93	101.1	95.9
N1	5.1	5.3	96.2	91.1	37.6	38.3	98.2	98.9	38.7	39.4	98.2	100.5	9.8	9.5	103.2	89.9	98	97	101.0	100.0
Q1	4.9	5.5	89.1	87.5	37.8	37.7	100.3	99.5	39.0	38.7	100.8	101.3	10.8	11.2	96.4	99.1	99	98	101.0	101.0
W1	5.4	5.5	98.2	96.4	37.4	37.8	98.9	98.4	38.4	38.7	99.2	99.7	11.1	11.0	100.9	101.8	106	100	106.0	108.2
X1	5.7	6.1	93.4	101.8	38.1	38.0	100.3	100.3	39.0	38.7	100.8	101.3	11.6	11.7	99.1	106.4	95	96	99.0	96.9
H2		5.5				38.2				38.5				11.1				96		
I2		5.4				38.6				38.6				10.8				98		
J2	6.2	5.8	106.9	110.7	37.5	37.5	100.0	98.7	38.1	38.4	99.2	99.0	10.6	10.6	100.0	97.2	103	101	102.0	105.1
L2	6.4	6.2	103.2	114.3	38.0	38.1	99.7	100.0	38.2	38.3	99.7	99.2	10.9	11.0	99.1	100.0	93	94	98.9	94.9
O2	5.0	5.0	100.0	89.3	38.3	38.3	100.0	100.8	38.4	38.4	100.0	99.7	11.9	11.7	101.7	109.2	102	105	97.1	104.1
Q2		5.8				38.2				38.2				11.4				91		
I2	5.0	5.1	98.0	89.3	37.8	37.8	100.0	99.5	38.9	38.9	100.0	101.0	10.7	10.8	99.1	98.2	98	97	101.0	100.0
U2		5.7				38.0				38.0				10.9				102		
X2	5.3	5.7	93.0	94.6	37.8	38.1	99.2	99.5	37.9	38.2	99.2	98.4	10.1	10.4	97.1	92.7	98	98	100.0	100.0
Z2		5.1				37.2				38.3				11.6				103		
A3		5.4				38.3				38.4				10.9				95		
F3	5.8	5.9	98.3	103.6	38.4	38.2	100.5	101.0	38.5	38.3	100.5	100.0					93	92	101.1	94.9
H3	5.8	5.6	103.6	103.6	37.8	37.7	100.3	99.5	38.6	38.6	100.0	100.2	11.3	10.6	106.6	103.7	89	99	89.9	90.8
I3		6.2				37.9				38.1				10.3				103		
S3		5.9				38.0				38.8				10.6				91		
Z3		5.1				37.7				38.9				12.5				98		
C4	5.6	5.4	103.7	100.0	38.0	38.2	99.5	100.0	38.1	38.2	99.7	99.0	11.3	11.4	99.1	103.7	99	99	100.0	101.0
G4	6.2	5.3	117.0	110.7	37.5	37.4	100.3	98.7	38.1	38.5	99.0	99.0	11.1	11.1	100.0	101.8	97	98	99.0	99.0
I4	5.9	5.6	105.4	105.4	38.7	38.2	101.3	101.8	38.8	38.3	101.3	100.8	10.0	10.2	98.0	91.7	99	99	100.0	101.0
K4		5.6				38.0				38.1				11.6				96		
M4	5.0	4.4	113.6	89.3	37.7	37.4	100.8	99.2	38.8	38.8	100.0	100.8	11.4	11.0	103.6	104.6	106	103	102.9	108.2
D4		5.7				37.4				38.3				11.4				96		
FKBG DATA																				
CUR.																				
AV. 5.6																				
CUM.																				
AV. 5.6																				
IND.																				
*D 100.0																				

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
AUGUST, 1984

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.	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	6.3	5.7	110.5	112.5	37.6	37.3	100.8	98.9	38.2	38.2	100.0	99.2	12.0	11.6	103.4	110.1	104	116	89.6	106.1
M1	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	11.2	96.2	100.9	97	93	104.3	99.0
N1	5.7	5.3	107.5	101.8	37.9	38.2	99.2	99.7	38.8	39.3	98.7	100.8	9.7	9.5	102.1	89.0	98	97	101.0	100.0
O1	5.8	5.5	105.4	103.6	37.8	37.7	100.3	99.5	38.6	38.7	99.7	100.2	11.1	11.2	99.1	101.8	93	99	93.9	94.9
M1		5.5				37.7				38.7				11.1				101		
X1	5.6	5.9	94.9	100.0	38.1	38.0	100.3	100.3	39.0	38.8	100.5	101.3	11.6	11.6	100.0	106.4	93	96	96.9	94.9
H2	5.5	5.5	100.0	98.2	38.1	38.2	99.7	100.3	38.4	38.5	99.7	99.7	10.8	11.1	97.3	99.1	97	96	101.0	99.0
I2		5.5				38.4				38.5				10.8				98		
J2	6.2	5.8	106.9	110.7	37.7	37.5	100.5	99.2	38.3	38.3	100.0	99.5	10.7	10.6	100.9	98.2	97	101	96.0	99.0
L2	6.2	6.2	100.0	110.7	38.0	38.1	99.7	100.6	38.2	38.3	99.7	99.2	11.2	10.9	102.8	102.8	92	94	97.9	93.9
O2	5.2	5.0	104.0	92.8	38.3	38.3	100.0	100.8	38.4	38.4	100.0	99.7	12.0	11.7	102.6	110.1	102	104	98.1	104.1
Q2	5.9	5.8	101.7	105.4	38.3	38.2	100.3	100.8	38.4	38.2	100.5	99.7	11.7	11.4	102.6	107.3	92	91	101.1	93.9
I2	5.4	5.1	105.9	96.4	37.9	37.8	100.3	99.7	38.9	38.9	100.0	101.0	10.9	10.8	100.9	100.0	96	97	99.0	98.0
U2	5.5	5.7	96.5	98.2	37.8	38.0	99.5	99.5	38.7	38.9	99.5	100.5	10.7	10.9	98.2	98.2	101	102	99.0	103.1
X2	5.4	5.6	96.4	96.4	37.8	38.0	99.5	99.5	37.9	38.1	99.5	98.4	10.5	10.4	101.0	96.3	99	98	101.0	101.0
Z2		5.1				37.2				38.3				11.6				103		
A3	5.9	5.4	109.2	105.4	38.3	38.3	100.0	100.8	38.4	38.4	100.0	99.7	10.9	10.9	100.0	100.0	97	95	102.1	99.0
E3	5.8	5.9	98.3	103.6	38.1	38.3	99.5	100.3	38.2	38.4	99.5	99.2					93	93	100.0	94.9
H3	5.7	5.6	101.8	101.8	37.8	37.7	100.3	99.5	38.7	38.6	100.2	100.5	10.2	10.7	95.3	93.6	95	96	99.0	96.9
I3		6.2				37.9				38.1				10.3				103		
S3		5.9				38.0				38.8				10.6				91		
V3	5.5		98.2		38.5			101.3	39.5			102.6	10.2			93.6	95			96.9
Z3		5.1				37.7				38.9				12.5				98		
C4	5.4	5.4	100.0	96.4	38.2	38.1	100.3	100.5	38.3	38.2	100.3	99.5	11.8	11.4	103.5	108.2	99	99	100.0	101.0
G4	6.1	5.4	113.0	108.9	38.2	37.5	101.9	100.5	38.9	38.5	101.0	101.0	11.4	11.2	101.8	104.6	98	98	100.0	100.0
I4	5.5	5.6	98.2	98.2	38.4	38.3	100.3	101.0	38.5	38.4	100.3	100.0	10.7	10.2	104.9	98.2	97	99	98.0	99.0
K4		5.6				38.0				38.1				11.6				96		
M4		4.5				37.4				38.8				11.1				104		
O4	5.9	5.7	103.5	105.4	37.7	37.4	100.8	99.2	38.5	38.3	100.5	100.0	10.2	11.4	89.5	93.6	100	96	104.2	102.0
FKBG DATA																				
CUR.																				
AV. 5.7																				
CUM.																				
AV. 5.6																				
IND.																				
*D 101.8																				

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
 SEPTEMBER, 1984

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.	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	6.0	5.9	101.7	107.1	37.4	37.4	100.0	98.4	38.1	38.2	99.7	99.0	11.7	11.7	100.0	107.3	106	113	93.8	108.2
M1	6.0	6.0	100.0	107.1	38.0	38.0	100.0	100.0	38.1	38.1	100.0	99.0	10.5	11.2	93.8	96.3	95	94	101.1	96.9
N1	5.6	5.4	103.7	100.0	38.9	38.2	101.8	102.4	39.8	39.2	101.5	103.4	9.8	9.5	103.2	89.9	94	97	96.9	95.9
O1	5.2	5.5	94.5	92.8	37.4	37.7	99.2	98.4	38.4	38.6	99.5	99.7	10.9	11.1	98.2	100.0	97	98	99.0	99.0
T1	6.1			108.9	37.6			98.9	38.3			99.5	10.0			91.7	96			98.0
H1		5.5			37.7				38.7				11.0				100			
X1	5.3	5.8	91.4	94.6	38.6	38.1	101.3	101.6	39.6	38.9	101.8	102.8	11.5	11.6	99.1	105.5	97	95	102.1	99.0
H2	5.3	5.5	96.4	94.6	38.5	38.2	100.8	101.3	38.8	38.5	100.8	100.8	10.9	11.0	99.1	100.0	100	96	104.2	102.0
I2		5.5			38.4				38.5				10.8				98			
J2	6.1	5.9	103.4	108.9	37.7	37.6	100.3	99.2	38.4	38.3	100.3	99.7	10.3	10.6	97.2	94.5	96	101	95.0	98.0
L2	6.3	6.2	101.6	112.5	38.1	38.0	100.3	100.3	38.3	38.2	100.3	99.5	11.1	10.9	101.8	101.8	94	93	101.1	95.9
O2		5.1			38.3				38.4				11.8				104			
G2	5.8	5.8	100.0	103.6	38.2	38.2	100.0	100.5	38.3	38.3	100.0	99.5	11.7	11.4	102.6	107.3	92	91	101.1	93.9
T2	5.2	5.1	102.0	92.8	37.8	37.8	100.0	99.5	38.9	38.9	100.0	101.0	10.6	10.8	98.1	97.2	95	97	97.9	96.9
U2		5.7			38.0				38.9				10.8				101			
X2	5.4	5.6	96.4	96.4	37.7	38.0	99.2	99.2	37.8	38.0	99.5	98.2	10.6	10.4	101.9	97.2	97	98	99.0	99.0
Z2		5.1			37.2				38.3				11.6				103			
A3		5.5			38.3				38.4				11.0				96			
E3	5.8	5.9	98.3	103.6	38.4	38.3	100.3	101.0	38.5	38.4	100.3	100.0					93	93	100.0	94.9
H3	5.7	5.7	100.0	101.8	37.8	37.8	100.0	99.5	38.7	38.7	100.0	100.5	11.0	10.6	103.8	100.9	91	96	94.8	92.8
I3		6.2			37.9				38.1				10.3				103			
Q3	5.1			91.1	37.5			98.7	38.6			100.2	11.3			103.7	99			101.0
S3	5.9	5.9	100.0	105.4	38.0	38.0	100.0	100.0	38.8	38.8	100.0	100.8	10.7	10.6	100.9	98.2	102	91	112.1	104.1
V3		5.5			38.5				39.5				10.2				95			
Z3		5.3			37.9				39.0				12.6				98			
C4	5.4	5.4	100.0	96.4	38.0	38.1	99.7	100.0	38.1	38.2	99.7	99.0	11.5	11.4	100.9	105.5	102	98	104.1	104.1
G4	5.7	5.4	105.6	101.8	38.1	37.6	101.3	100.3	39.0	38.5	101.3	101.3	10.8	11.2	96.4	99.1	100	98	102.0	102.0
I4		5.6			38.3				38.4				10.2				98			
K4		5.6			38.0				38.1				11.6				96			
M4		4.6			37.6				38.9				11.2				104			
O4	5.7	5.8	98.3	101.8	37.6	37.5	100.3	98.9	38.5	38.4	100.3	100.0	10.0	11.0	96.9	91.7	96	97	99.0	98.0
FKBG DATA																				
CUR.																				
AV. 5.7																				
CUM.																				
AV. 5.6																				
IND.																				
*D 101.8																				
38.0																				
38.5																				
100.2																				
38.6																				
38.5																				
10.8																				
10.9																				
99.1																				
97																				
98																				
99.0																				

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.

	JULY, 1984				AUGUST, 1984				SEPTEMBER, 1984			
	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												
M1	56.0	54.8	102.2	87.4	59.0	54.8	107.7	92.3	49.0	55.3	88.6	76.9
N1	61.0	64.1	95.2	95.2	60.0	63.8	94.0	93.9	73.0	63.9	114.2	114.6
O1												
T1									61.0			95.8
W1	75.9	73.8	102.8	118.4	73.2				73.2			
X1												
H2		70.9			61.0	70.9	86.0	95.5	71.0	69.3	102.4	111.4
I2		60.0				60.0				60.0		
J2		68.2				68.4				68.2		
L2												
O2	49.0	52.6	93.2	76.4	53.0	52.0	101.9	82.9		51.5		
Q2		65.1			68.0	65.1	104.4	106.4	73.0	65.4	111.6	114.6
T2	57.4	67.3	85.3	89.5	62.7	66.0	95.0	98.1	66.0	65.6	100.6	103.6
U2		60.5			70.0	60.6	115.5	109.5		61.0		
X2	57.6	59.3	97.1	89.8	57.1	58.8	97.1	89.4	56.6	58.6	96.6	88.8
Z2												
A3		59.0			61.0	59.0	103.4	95.5		60.0		
E3	67.0	65.1	102.9	104.5	64.0	66.4	96.4	100.2	63.0	66.2	95.2	98.9
H3		70.0				69.2			72.0	68.4	105.3	113.0
I3		78.0				78.0				78.0		
O3									66.0			103.6
S3		56.5				56.5			60.0	56.5	106.2	94.2
V3												
Z3		62.5				62.5				64.0		
C4	71.0	65.3	108.7	110.8	71.0	65.6	108.2	111.1	78.0	65.9	118.4	122.4
G4		63.6				63.6				64.0		
I4	69.5	65.6	105.9	108.4	64.3	66.0	97.4	100.6		65.8		
K4		61.3				61.3				61.3		
M4	62.0	68.0	91.2	96.7		66.5				63.7		
O4		74.5				74.5			62.5	74.5	83.9	98.1
FKBG DATA												
CUR. AV.	62.6				62.6				65.5			
CUM. AV.	64.1				63.9				63.7			
IND. *D	97.6				98.0				102.8			

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
 JULY, 1984

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.	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
G1	6.1	6.1	100.0	105.2	41.1	41.1	100.0	98.6	41.8	41.9	99.8	98.6	12.8	12.7	100.8	106.7	112	113	99.1	105.7
D1	5.9	6.1	96.7	101.7	41.6	41.6	100.0	99.8	42.5	42.4	100.2	100.2	11.8	12.4	95.2	98.3	98	100	98.0	92.4
F1	5.6	6.0	93.3	96.6	41.6	41.4	100.5	99.8	42.6	42.2	100.9	100.5	12.0	11.9	100.8	100.0	99	100	99.0	93.4
I1	5.1	5.2	98.1	87.9	41.5	41.2	100.7	99.5	41.9	41.6	100.7	98.8	12.6	12.7	99.2	105.0	101	100	101.0	95.3
J1	5.9	6.0	98.3	101.7	42.0	42.1	99.8	100.7	42.1	42.2	99.8	99.3	11.3	11.6	97.4	94.2	104	104	100.0	98.1
H1		6.0				42.0				42.1				11.8				104		
N1	5.6	5.5	105.4	100.0	41.8	41.6	100.5	100.2	42.7	42.6	100.2	100.7	10.9	10.4	104.8	90.8	106	108	98.1	100.0
O1	5.6	5.7	98.2	96.6	41.3	41.6	99.3	99.0	42.3	42.5	99.5	99.8	12.4	12.0	103.3	103.3	103	106	97.2	97.2
T1	6.2	6.2	100.0	106.9	41.6	41.4	100.5	99.8	42.3	42.1	100.5	99.8	11.0	11.3	97.3	91.7	107	106	100.9	100.9
W1	5.6	5.5	101.8	96.6	41.4	41.5	99.8	99.3	42.4	42.5	99.8	100.0	12.2	12.0	101.7	101.7	109	108	100.9	102.8
X1	5.7	5.6	101.8	98.3	41.8	41.7	100.2	100.2	42.8	42.7	100.2	100.9	12.8	12.6	101.6	106.7	105	104	101.0	99.0
Y2		5.7				40.7				41.6				12.3				102		
F2	5.1	4.9	104.1	87.9	41.7	41.7	100.0	100.0	42.9	43.0	99.8	101.2	11.0	11.2	98.2	91.7	106	108	98.1	100.0
H2	5.8	5.7	101.8	100.0	42.1	42.1	100.0	101.0	42.5	42.5	100.0	100.2	12.1	12.2	99.2	100.8	104	104	100.0	98.1
I2	5.5	5.6	98.2	94.8	42.0	42.4	99.0	100.7	42.1	42.5	99.0	99.3	11.7	11.8	99.2	97.5	106	105	101.0	100.0
J2	6.1	6.0	101.7	105.2	41.6	41.5	100.2	99.8	42.3	42.3	100.0	99.8	12.4	12.0	103.3	103.3	106	108	98.1	100.0
L2	6.6	6.4	103.1	113.8	42.0	42.1	99.8	100.7	42.2	42.3	99.8	99.5	12.0	12.0	100.0	100.0	104	104	100.0	98.1
O2		5.4				42.4				42.5				12.8				110		
Q2	5.8	5.7	101.8	100.0	42.4	42.0	101.0	101.7	42.5	42.1	101.0	100.2	12.3	12.3	100.0	102.5	101	101	100.0	95.3
S2	5.7	5.9	96.6	98.3	42.2	42.1	100.2	101.2	42.4	42.3	100.2	100.0	11.2	11.0	101.8	93.3	104	107	97.2	98.1
T2	5.2	5.3	98.1	89.6	41.8	41.8	100.0	100.2	43.0	42.9	100.2	101.4	12.1	12.2	99.2	100.8	107	104	102.9	100.9
U2	5.4	5.8	93.1	93.1	41.2	41.4	99.5	98.8	42.3	42.3	100.0	99.8	11.4	11.8	96.6	95.0	110	108	101.8	103.8
V2	6.0	5.7	105.3	103.4	42.5	41.6	102.2	101.9	43.4	42.6	101.9	102.4	10.9	10.1	107.9	90.8	105	106	99.0	99.0
X2	5.4	5.9	91.5	93.1	42.2	42.0	100.5	101.2	42.3	42.1	100.5	99.8	11.4	11.6	98.3	95.0	105	106	99.0	99.0
A3		5.4				42.3				42.4				12.2				104		
E3	5.8	5.8	100.0	100.0	42.0	42.0	100.0	100.7	42.1	42.1	100.0	99.3					102	102	100.0	96.2
H3	6.1	6.1	100.0	105.2	42.0	42.0	100.0	100.7	42.8	42.8	100.0	100.9	11.9	12.0	99.2	99.2	105	108	97.2	99.0
I3	6.6	6.5	101.5	113.8	42.7	42.1	101.4	102.4	42.8	42.4	100.9	100.9	12.2	12.2	100.0	101.7	107	106	100.9	100.9
M3		5.2				41.1				42.2				11.7				118		
O3	5.5	5.5	100.0	94.8	41.5	41.5	100.0	99.5	42.5	42.6	99.8	100.2	12.7	12.9	98.4	105.8	105	106	99.0	99.0
Q3	5.8	5.9	98.3	100.0	43.1	42.4	101.6	103.4	43.2	42.5	101.6	101.9	10.8	11.0	98.2	90.0	121	118	102.5	114.2
S3	5.9	5.8	101.7	101.7	41.9	41.9	100.0	100.5	42.8	42.8	100.0	100.9	11.8	12.0	98.3	98.3	111	103	107.8	104.7
V3	5.6	5.9	94.9	96.6	41.8	41.8	100.0	100.2	42.8	42.8	100.0	100.9	11.2	12.1	92.6	93.3	101	100	101.0	95.3
Z3	5.2	5.2	100.0	89.6	41.2	41.3	99.8	98.8	42.4	42.5	99.8	100.0	13.6	14.0	97.1	113.3	106	104	101.9	100.0
B4	6.1	5.8	105.2	105.2	42.1	42.2	99.8	101.0	42.2	42.8	98.6	99.5	12.9	12.2	105.7	107.5	126	121	104.1	118.9
C4	5.6	5.6	100.0	96.6	42.1	42.1	100.0	101.0	42.2	42.2	100.0	99.5	12.7	12.7	100.0	105.8	107	106	100.9	100.9
G4	6.4	5.5	116.4	110.3	41.6	41.4	100.5	99.8	42.2	42.5	99.3	99.5	12.2	12.4	98.4	101.7	105	104	101.0	99.0
H4	6.1	6.1	100.0	105.2	41.6	41.6	100.0	99.8	42.3	42.4	99.8	99.8	11.6	11.6	100.0	96.7	108	101	106.9	101.9
I4	5.9	5.6	105.4	101.7	42.1	42.2	99.8	101.0	42.2	42.3	99.8	99.5	11.3	11.4	99.1	94.2	104	107	97.2	98.1
M4	5.3	4.7	112.8	91.4	41.5	41.3	100.5	99.5	42.6	42.7	99.8	100.5	12.7	12.4	102.4	105.8	108	107	100.9	101.9
N4	6.3	6.3	100.0	108.6	42.0	42.0	100.0	100.7	42.1	42.1	100.0	99.3	10.8	11.2	96.4	90.0	104	106	98.1	98.1
S4		6.2				42.1				42.2				12.4				105		
T4	6.5	6.4	101.6	112.1	41.6	42.0	99.0	99.8	41.7	42.1	99.0	98.3	11.4	12.2	93.4	95.0	109	107	101.9	102.8
FKBG DATA																				
CUR. AV. 5.8																				
CUM. AV. 5.8																				
IND. *D 100.0																				
NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.																				

Fourdrinier Kraft Board Group
 of The American Paper Institute
 Project 2694-1

TABLE XV
 AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 42 LB FOURDRINIER KRAFT LINERBOARD
 SEPTEMBER, 1984.

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.	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	6.2	6.2	100.0	106.9	41.2	41.1	100.2	98.8	41.9	41.8	100.2	98.8	12.6	12.7	99.2	105.9	118	114	103.5	111.3
D1	6.0	6.1	98.4	103.4	41.7	41.6	100.2	100.0	42.5	42.4	100.2	100.2	12.1	12.3	98.4	101.7	100	100	100.0	94.3
F1	6.1	6.0	101.7	105.2	41.6	41.4	100.5	99.8	42.3	42.2	100.2	99.8	11.8	12.0	98.3	99.2	100	100	100.0	94.3
I1	5.5	5.2	105.8	94.8	41.2	41.2	100.0	98.8	41.6	41.6	100.0	98.1	12.4	12.8	96.9	104.2	103	101	102.0	97.2
J1	6.0	6.0	100.0	103.4	42.1	42.1	100.0	101.0	42.2	42.2	100.0	99.5	11.5	11.6	99.1	96.6	104	104	100.0	98.1
M1	6.0	6.0	100.0	103.4	42.0	42.0	100.0	100.7	42.1	42.1	100.0	99.3	11.3	11.9	95.0	95.0	104	104	100.0	98.1
N1	5.6	5.6	100.0	96.6	41.8	41.6	100.5	100.2	42.8	42.6	100.5	100.9	10.8	10.2	105.9	90.8	104	102	96.3	98.1
O1	5.5	5.7	96.5	94.8	41.4	41.6	99.5	99.3	42.4	42.5	99.8	100.0	12.6	12.1	104.1	105.9	100	105	95.2	94.3
P1	6.1	6.2	98.4	105.2	41.5	41.4	100.2	99.5	42.2	42.1	100.2	99.5	10.8	11.2	96.4	90.8	110	106	103.8	103.8
H1	5.7	5.6	101.8	98.3	41.5	41.4	100.2	99.5	42.5	42.5	100.0	100.2	11.8	12.0	98.3	99.2	108	108	100.0	101.9
X1	5.5	5.6	98.2	94.8	41.8	41.8	100.0	100.2	42.8	42.7	100.2	100.9	12.4	12.7	97.6	104.2	105	104	101.0	99.0
B2		5.8				40.7				41.6				12.2			103			
F2	4.8	4.9	98.0	82.8	41.7	41.7	100.0	100.0	43.1	43.0	100.2	101.6	11.0	11.1	99.1	92.4	107	108	99.1	100.9
H2	5.7	5.7	100.0	98.3	42.1	42.1	100.0	101.0	42.5	42.5	100.0	100.2	12.0	12.1	99.2	100.8	104	104	100.0	98.1
I2	5.2	5.6	92.8	89.6	42.2	42.2	100.0	101.2	42.3	42.3	100.0	99.8	11.5	11.8	97.4	96.6	105	105	100.0	99.0
J2	6.3	6.0	105.0	108.6	41.8	41.5	100.7	100.2	42.5	42.3	100.5	100.2	12.1	12.0	100.8	101.7	105	108	97.2	99.0
L2	6.6	6.5	101.5	113.8	42.0	42.1	99.8	100.7	42.2	42.3	99.8	99.5	12.0	12.0	100.0	100.8	104	104	100.0	98.1
O2	4.9	5.0	98.0	84.5	42.3	42.5	99.5	101.4	42.4	42.6	99.5	100.0	12.6	12.9	97.7	105.9	113	110	102.7	106.6
Q2	5.8	5.8	100.0	100.0	42.3	42.0	100.7	101.4	42.4	42.1	100.7	100.0	12.5	12.3	101.6	105.0	100	101	99.0	94.3
S2	5.7	5.9	96.6	98.3	42.0	42.1	99.8	100.7	42.2	42.3	99.8	99.5	11.1	11.0	100.9	93.3	108	107	100.9	101.9
T2	5.4	5.3	101.9	93.1	41.8	41.8	100.0	100.2	42.9	43.0	99.8	101.2	12.1	12.2	99.2	101.7	103	104	99.0	97.2
U2	5.7	5.8	98.3	98.3	41.3	41.4	99.8	99.0	42.2	42.3	99.8	99.5	11.7	11.8	99.2	98.3	104	108	96.3	98.1
V2	5.8	5.8	100.0	100.0	41.9	41.7	100.5	100.5	42.8	42.7	100.2	100.9	10.7	10.2	104.9	89.9	104	106	98.1	98.1
X2	5.6	5.8	96.6	96.6	42.1	42.1	100.0	101.0	42.2	42.2	100.0	99.5	11.3	11.6	97.4	95.0	104	106	98.1	98.1
A3		5.3				42.3				42.4				12.2			104			
E3	5.8	5.8	100.0	100.0	42.0	42.0	100.0	100.7	42.1	42.1	100.0	99.3					102	102	100.0	96.2
H3	6.0	6.1	98.4	103.4	42.0	42.0	100.0	100.7	42.8	42.8	100.0	100.9	11.5	11.8	97.4	96.6	111	106	104.7	104.7
I3	6.0	6.5	92.3	103.4	42.3	42.2	100.2	101.4	42.4	42.4	100.0	100.0	11.1	12.3	90.2	93.3	105	106	99.0	99.0
M3	5.1	5.3	96.2	87.9	41.1	41.1	100.0	98.6	42.3	42.2	100.2	99.8	11.7	11.7	100.0	98.3	120	119	100.8	113.2
O3	5.8	5.5	105.4	100.0	41.7	41.5	100.5	100.0	42.6	42.6	100.0	100.5	12.9	12.9	100.0	108.4	104	106	98.1	98.1
Q3		5.9				42.4				42.5				11.0			119			
S3	5.8	5.9	98.3	100.0	41.7	41.9	99.5	100.0	42.6	42.8	99.5	100.5	11.9	12.0	99.2	100.0	103	104	99.0	97.2
V3	5.8	5.8	100.0	100.0	41.5	41.8	99.3	99.5	42.4	42.7	99.3	100.0	11.4	11.9	95.8	95.8	101	100	101.0	95.3
Z3	5.4	5.2	103.8	93.1	41.2	41.3	99.8	98.8	42.3	42.4	99.8	99.8	13.4	13.9	96.4	112.6	102	104	98.1	96.2
B4	6.1	5.9	103.4	105.2	42.3	42.2	100.2	101.4	42.4	42.6	99.5	100.0	12.0	12.2	98.4	100.8	131	122	107.4	123.6
C4	5.5	5.6	98.2	94.8	42.1	42.1	100.0	101.0	42.2	42.2	100.0	99.5	12.8	12.7	100.8	107.6	110	106	103.8	103.8
G4	5.9	5.6	105.4	101.7	42.3	41.6	101.7	101.4	43.2	42.5	101.6	101.9	12.0	12.4	96.8	100.8	105	104	101.0	99.0
H4	6.3	6.0	105.0	108.6	41.5	41.6	99.8	99.5	42.2	42.4	99.5	99.5	11.2	11.5	97.4	94.1	101	101	100.0	95.3
I4	5.8	5.6	103.6	100.0	42.0	42.1	99.8	100.7	42.1	42.2	99.8	99.3	12.0	11.4	105.3	100.8	104	106	98.1	98.1
M4	5.0	4.8	104.2	86.2	41.4	41.3	100.2	99.3	42.6	42.6	100.0	100.5	12.5	12.5	100.0	105.0	105	107	98.1	99.0
N4	6.3	6.3	100.0	108.6	42.0	42.0	100.0	100.7	42.1	42.1	100.0	99.3	11.4	11.1	102.7	95.8	105	106	99.0	99.0
S4		6.3				42.0				42.2				12.2			105			
T4	6.3	6.4	98.4	108.6	42.0	42.0	100.0	100.7	42.1	42.0	100.2	99.3	11.7	12.0	97.5	98.3	108	107	100.9	101.9
FKBG DATA																				
CUR.																				
AV. 5.8																				
CUM.																				
AV. 5.8																				
IND.																				
*D 100.0																				
100.2																				
100.0																				
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.

	JULY, 1984				AUGUST, 1984				SEPTEMBER, 1984			
	CUR. AV.	MACHINE DATA CUM. AV.	FACT. *B	IND. *C	CUR. AV.	MACHINE DATA CUM. AV.	FACT. *B	IND. *C	CUR. AV.	MACHINE DATA CUM. AV.	FACT. *B	IND. *C
C1		77.0				74.6				74.6		
O1												
F1												
I1	73.0	72.6	100.6	103.1	74.0	73.0	101.4	104.2	75.0	73.2	102.4	105.5
J1	69.0	66.6	103.6	97.4	68.0	66.8	101.8	95.8	66.0	66.7	99.0	92.8
M1		64.8			67.0	64.8	103.4	94.4	74.0	64.8	114.2	104.1
N1	68.0	69.2	98.3	96.0	70.0	69.1	101.3	98.6	81.0	69.3	116.9	113.9
O1												
Y1	74.0	73.0	101.4	104.5	64.0	73.4	87.2	90.1	65.0	72.8	89.3	91.4
M1	80.8	84.8	95.3	114.1		84.6			84.6	84.4	100.2	119.0
X1												
B2		60.8				60.6				60.2		
F2	62.7	70.6	88.8	88.6	69.5	69.5	100.0	97.9	71.1	69.3	102.6	100.0
H2	69.0	73.0	94.5	97.4	72.0	72.6	99.2	101.4	76.0	72.6	104.7	106.9
I2	72.0	66.3	108.6	101.7	72.0	66.8	107.8	101.4	71.0	67.4	105.3	99.6
J2		74.1				74.0				73.9		
L2												
O2		58.0				58.0			61.0	57.5	106.1	85.8
Q2	80.0	74.5	107.4	113.0	79.0	75.1	105.2	111.3	80.0	75.4	106.1	112.5
S2												
T2	65.8	76.3	86.2	92.9	68.6	74.8	91.7	96.6	75.4	74.0	101.9	106.0
U2	74.0	65.6	112.8	104.5	71.0	66.2	107.2	100.0	70.0	66.6	105.1	98.4
V2	74.0	66.4	111.4	104.5	73.0	67.4	108.3	102.8	77.0	68.8	111.9	108.3
X2	62.9	66.4	94.7	88.8	62.6	65.9	95.0	88.2	62.6	65.6	95.4	88.0
A3		71.0				71.0				71.7		
E3	72.0	72.2	99.7	101.7	71.0	72.8	97.5	100.0	69.0	73.0	94.5	97.0
H3	92.9	84.4	110.1	131.2		86.5				86.5		
I3	81.0	81.1	99.9	114.4	83.0	81.1	102.3	116.9	81.0	81.4	99.5	113.9
M3		66.9			66.0	67.1	98.4	93.0	61.0	66.7	91.4	85.8
U3	74.0	70.9	104.4	104.5	68.0	71.2	95.5	95.8	73.0	71.3	102.4	102.7
Q3												
S3	66.0	69.2	95.4	93.2	62.0	68.9	90.0	87.3	68.0	68.2	99.7	95.6
V3												
Z3	73.0	69.3	105.3	103.1		69.7			68.0	70.0	97.1	95.6
B4	74.0	69.2	106.9	104.5	77.0	69.2	111.3	108.4	73.0	69.5	105.0	102.7
C4	78.0	73.3	106.4	110.2	78.0	73.8	105.7	109.8	78.0	74.3	105.0	109.7
G4		68.3				68.1				67.8		
H4												
I4	72.0	73.0	98.6	101.7	73.9	72.9	101.4	104.1	75.4	72.7	103.7	106.0
M4	68.0	70.2	96.9	96.0	67.0	70.0	95.7	94.4	67.0	69.7	96.1	94.2
N4												
S4												
T4												
FKBG DATA												
CUR. AV.	72.9				70.8				72.1			
CUM. AV.	70.8				71.0				71.1			
IND. *D	103.0				99.7				101.4			

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

JULY, 1984

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 C			
	MACHINE DATA				MACHINE DATA				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	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
C1	6.4	6.4	100.0	101.6	68.0	68.0	100.0	99.1	69.0	69.1	99.8	99.4	21.0	21.4	98.1	107.7	147	148	99.3	103.5
D1	7.0	7.0	100.0	111.1	68.9	68.8	100.8	100.4	69.5	69.4	100.1	100.1	18.8	19.1	98.4	96.4	136	138	98.6	95.8
F1		5.9				68.0				69.4				19.8			137			
I1	6.0	6.0	100.0	95.2	68.0	67.5	100.7	99.1	68.6	68.1	100.7	98.8	20.2	20.5	98.5	103.6	153	146	104.8	107.7
J1	7.1	7.0	101.4	112.7	69.0	69.1	99.8	100.6	69.2	69.3	99.8	99.7	19.3	19.7	98.0	99.0	138	138	100.0	97.2
O1	6.8	6.8	100.0	107.9	68.6	68.8	99.7	100.0	69.4	69.6	99.7	100.0	19.5	19.4	100.5	100.0	136	138	98.6	95.8
I1	5.6	6.3	88.9	88.9	67.6	68.3	99.0	98.5	69.2	69.4	99.7	99.7	18.6	19.0	97.9	95.4	138	138	100.0	97.2
W1	5.5	5.6	98.2	87.3	68.0	68.0	100.0	99.1	69.7	69.6	100.1	100.4	19.6	20.9	93.8	100.5	145	139	104.3	102.1
B2		5.8				67.2				68.6				21.2			146			
F2	6.6	6.7	98.5	104.8	68.5	68.6	99.8	99.8	69.4	69.4	100.0	100.0	17.8	17.9	99.4	91.3	156	147	106.1	109.8
H2		5.8				69.1				69.7				20.0			140			
I2	6.1	5.8	105.2	96.8	69.0	69.2	99.7	100.6	69.2	69.4	99.7	99.7	18.7	19.3	96.9	95.9	139	139	100.0	97.9
O2		6.2				69.4				69.6				20.9			150			
Q2	5.8	5.8	100.0	92.1	69.4	69.0	100.6	101.2	69.6	69.2	100.6	100.3	20.2	19.9	101.5	103.6	140	140	100.0	98.6
S2	6.7	6.5	103.1	106.3	69.1	68.9	100.3	100.7	69.4	69.2	100.3	100.0	18.5	18.6	99.5	94.9	140	140	100.0	98.6
U2	6.0	6.2	96.8	95.2	68.2	68.3	99.8	99.4	69.6	69.4	100.3	100.3	19.3	19.5	99.0	99.0	140	144	97.2	98.6
V2	6.2	5.9	105.1	98.4	69.2	68.2	101.5	100.9	70.4	69.6	101.1	101.4	18.2	16.6	109.6	93.3	142	140	101.4	100.0
X2	5.6	6.0	93.3	88.9	69.5	69.0	100.7	101.3	69.7	69.2	100.7	100.4	18.7	18.8	99.5	95.9	158	145	109.0	111.3
E3	5.9	5.8	101.7	93.6	69.1	69.1	100.0	100.7	69.3	69.3	100.0	99.8					137	140	97.8	96.5
H3	6.5	6.4	101.6	103.2	68.8	68.8	100.0	100.3	69.8	69.8	100.0	100.6	19.2	20.4	94.1	98.5	136	138	98.6	95.8
I3		7.2				68.8				69.2				18.8			142			
L3	6.3	6.5	96.9	100.0	69.0	69.3	99.6	100.6	70.1	70.2	99.8	101.0	19.5	19.4	100.5	100.0	138	138	100.0	97.2
M3	5.4	5.4	100.0	85.7	67.9	67.5	100.6	99.0	69.7	69.3	100.6	100.4	19.5	19.7	99.0	100.0	166	155	107.1	116.9
Q3	6.6	6.6	100.0	104.8	70.0	68.8	101.7	102.0	70.2	69.4	101.2	101.2	19.0	19.0	100.0	97.4	147	142	103.5	103.5
S3	6.1	6.2	98.4	96.8	68.4	68.5	99.8	99.7	69.6	69.6	100.0	100.3	20.3	20.3	100.0	104.1	143	135	105.9	100.7
A4	6.9	6.5	106.2	109.5	68.9	69.0	99.8	100.4	69.5	69.5	99.8	100.1	19.2	19.6	98.0	98.5	141	141	100.0	99.3
B4	6.7	6.8	98.5	106.3	69.1	69.2	99.8	100.7	69.3	69.7	99.4	99.8	18.9	19.6	96.4	96.9	158	158	100.0	111.3
C4	5.8	5.9	98.3	92.1	69.3	69.2	100.1	101.0	69.5	69.4	100.1	100.1	20.9	20.7	101.0	107.2	141	139	101.4	99.3
G4	6.1	6.0	101.7	96.8	68.0	68.2	99.7	99.1	69.2	69.5	99.6	99.7	19.5	20.3	96.0	100.0	138	140	98.6	97.2
H4	6.0	6.7	89.6	95.2	67.9	68.6	99.0	99.0	69.3	69.4	99.8	99.8	18.6	19.4	95.9	95.4	144	133	108.3	101.4
I4	6.7	6.5	103.1	106.3	69.0	69.1	99.8	100.6	69.2	69.3	99.8	99.7	18.0	18.1	99.4	92.3	137	144	95.1	96.5
M4	5.8	5.3	109.4	92.1	68.2	68.2	100.0	99.4	69.7	70.0	99.6	100.4	19.6	20.2	97.0	100.5	145	146	99.3	102.1
N4		6.4				69.0				69.2				19.0			140			
T4		6.7				69.4				69.6				20.1			141			
FKBG DATA																				
CUR.																				
AV.	6.2				68.7				69.5				19.2				144			
CUM.																				
AV.	6.3				68.6				69.4				19.5				142			
IND.																				
*D	98.4				100.1				100.1				98.5				101.4			

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

AUGUST, 1984

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.	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	6.2	6.4	96.9	98.4	67.8	68.0	99.7	98.8	69.0	69.1	99.8	99.4	19.2	21.4	89.7	99.0	151	148	102.0	106.3
D1	7.0	7.0	100.0	111.1	68.8	68.8	100.0	100.3	69.4	69.4	100.0	100.0	18.7	19.1	97.9	96.4	137	138	99.3	96.5
F1		5.9				68.0				69.4				19.8			137			
I1	6.2	6.0	103.3	98.4	67.3	67.6	99.6	98.1	67.9	68.2	99.6	97.8	20.2	20.5	98.5	104.1	161	147	109.5	113.4
J1	7.1	7.0	101.4	112.7	69.0	69.1	99.8	100.6	69.2	69.3	99.8	99.7	18.9	19.7	95.9	97.4	135	138	97.8	95.1
O1	6.9	6.8	101.5	109.5	68.3	68.8	99.3	99.6	69.0	69.5	99.3	99.4	19.7	19.4	101.5	101.5	138	138	100.0	97.2
T1	6.2	6.2	100.0	98.4	68.1	68.2	99.8	99.3	69.3	69.4	99.8	99.8	19.2	18.9	101.6	99.0	140	138	101.4	98.6
M1		5.6				68.0				69.6				20.7			140			
B2		5.8				67.2				68.6				21.2			146			
F2	6.9	6.7	103.0	109.5	68.4	68.5	99.7	99.7	69.1	69.4	99.6	99.6	17.7	17.9	98.9	91.2	146	148	98.6	102.8
H2		5.8				69.1				69.7				20.0			140			
I2	5.7	5.9	96.6	90.5	69.6	69.1	100.7	101.4	69.8	69.3	100.7	100.6	19.6	19.2	102.1	101.0	140	140	100.0	98.6
O2		6.2				69.4				69.6				20.9			150			
Q2	5.9	5.8	101.7	93.6	69.2	69.0	100.3	100.9	69.4	69.2	100.3	100.0	20.4	19.9	102.5	105.2	144	140	102.8	101.4
S2	6.5	6.5	100.0	103.2	69.0	69.0	100.0	100.6	69.3	69.3	100.0	99.8	18.6	18.5	100.5	95.9	139	140	99.3	97.9
U2	6.0	6.2	96.8	95.2	68.3	68.3	100.0	99.6	69.7	69.4	100.4	100.4	19.5	19.5	100.0	100.5	140	144	97.2	98.6
V2	6.0	5.9	101.7	95.2	68.0	68.2	99.7	99.1	69.4	69.6	99.7	100.0	17.8	16.7	106.6	91.8	141	140	100.7	99.3
X2	5.9	6.0	98.3	93.6	69.2	69.1	100.1	100.9	69.4	69.3	100.1	100.0	19.2	18.8	102.1	99.0	140	145	96.6	98.6
E3	5.8	5.8	100.0	92.1	69.0	69.1	99.8	100.6	69.2	69.3	99.8	99.7					139	140	99.3	97.9
H3	6.5	6.4	101.6	103.2	69.0	68.8	100.3	100.6	70.0	69.8	100.3	100.9	18.6	20.2	92.1	95.9	140	138	101.4	98.6
I3	6.7	7.1	94.4	106.3	69.4	69.0	100.6	101.2	69.6	69.4	100.3	100.3	18.9	18.8	100.5	97.4	143	142	100.7	100.7
L3	6.5	6.5	100.0	103.2	69.5	69.2	100.4	101.3	70.5	70.2	100.4	101.6	19.8	19.4	102.1	102.1	138	138	100.0	97.2
M3	5.3	5.4	98.1	84.1	67.5	67.5	100.0	98.4	69.3	69.3	100.0	99.8	19.7	19.6	100.5	101.5	164	155	105.8	115.5
Q3	6.4	6.6	97.0	101.6	69.8	69.0	101.2	101.7	70.0	69.4	100.9	100.9	18.8	19.0	98.9	96.9	150	143	104.9	105.6
S3	6.3	6.2	101.6	100.0	68.4	68.5	99.8	99.7	69.5	69.6	99.8	100.1	20.6	20.2	102.0	106.2	137	136	100.7	96.5
A4	6.8	6.6	103.0	107.9	68.9	69.0	99.8	100.4	69.5	69.6	99.8	100.1	19.3	19.5	99.0	99.5	141	141	100.0	99.3
B4	6.5	6.8	95.6	103.2	69.5	69.1	100.6	101.3	69.7	69.6	100.1	100.4	19.1	19.5	97.9	98.4	153	158	96.8	107.7
C4	5.7	5.8	98.3	90.5	69.1	69.2	99.8	100.7	69.3	69.4	99.8	99.8	20.7	20.7	100.0	106.7	143	139	102.9	100.7
G4	6.1	6.1	100.0	96.8	69.1	68.3	101.2	100.7	70.3	69.5	101.2	101.3	20.5	20.2	101.5	105.7	139	140	99.3	97.9
H4	6.6	6.6	100.0	104.8	68.4	68.5	99.8	99.7	69.3	69.4	99.8	99.8	18.6	19.3	96.4	95.9	138	134	103.0	97.2
I4	6.2	6.6	93.9	98.4	69.1	69.1	100.0	100.7	69.3	69.3	100.0	99.8	18.5	18.1	102.2	95.4	138	143	96.5	97.2
M4	6.1	5.4	113.0	96.8	68.3	68.1	100.3	99.6	69.5	69.8	99.6	100.1	19.4	20.2	96.0	100.0	144	146	98.6	101.4
N4	6.5	6.4	101.6	103.2	69.1	69.1	100.0	100.7	69.3	69.3	100.0	99.8	18.1	19.0	95.3	93.3	148	141	105.0	104.2
T4		6.7				69.4				69.6				20.1			141			
FKBG DATA																				
CUR.																				
AV. 6.3																				
CUM.																				
AV. 6.3																				
IND.																				
*D 100.0																				
100.3																				
100.0																				
99.0																				
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

SEPTEMBER, 1984

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.	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	6.5	6.3	103.2	103.2	67.9	68.0	99.8	98.8	68.9	69.1	99.7	99.3	21.3	21.0	101.4	109.8	151	149	101.3	106.3
D1	7.1	7.0	101.4	112.7	69.1	68.8	100.4	100.6	69.7	69.4	100.4	100.4	19.0	19.1	99.5	97.9	140	138	101.4	98.6
F1		5.9				68.0				69.4				19.8			137			
I1	6.0	6.0	100.0	95.2	67.6	67.5	100.1	98.4	68.2	68.1	100.1	98.3	20.0	20.5	97.6	103.1	155	148	104.7	109.2
J1	7.0	7.0	100.0	111.1	69.0	69.1	99.8	100.4	69.2	69.3	99.8	99.7	19.4	19.7	98.5	100.0	137	138	99.3	96.5
Q1	7.0	6.9	101.4	111.1	68.7	68.7	100.0	100.0	69.3	69.4	99.8	99.8	19.6	19.5	100.5	101.0	137	137	100.0	96.5
T1	5.8	6.2	93.5	92.1	68.2	68.2	100.0	99.3	69.7	69.4	100.4	100.4	18.2	18.9	96.3	93.8	141	138	102.2	99.3
H1	5.6	5.6	100.0	88.9	68.2	67.9	100.4	99.3	69.8	69.6	100.3	100.6	19.0	20.5	92.7	97.9	165	139	118.7	116.2
B2		5.8				67.2				68.6				21.2			146			
F2	6.7	6.7	100.0	106.3	68.4	68.5	99.7	99.6	69.2	69.4	99.7	99.7	17.6	17.9	98.3	90.7	148	148	100.0	104.2
M2		5.8				69.1				69.7				20.0			140			
I2	5.6	5.9	94.9	88.9	69.5	69.2	100.4	101.2	69.7	69.4	100.4	100.4	18.7	19.2	97.4	96.4	137	140	97.8	96.5
Q2		6.2				69.4				69.6				20.9			150			
Q2	6.0	5.8	103.4	95.2	69.3	69.0	100.4	100.9	69.5	69.2	100.4	100.1	19.9	20.0	99.5	102.6	143	141	101.4	100.7
S2	6.6	6.5	101.5	104.8	69.0	69.0	100.0	100.4	69.3	69.3	100.0	99.8	18.8	18.5	101.6	96.9	140	140	100.0	98.6
U2	6.0	6.2	96.8	95.2	68.0	68.3	99.6	99.0	69.4	69.4	100.0	100.0	19.6	19.5	100.5	101.0	145	143	101.4	102.1
V2	6.1	6.0	101.7	96.8	68.0	68.2	99.7	99.0	69.2	69.6	99.4	99.7	17.8	16.8	106.0	91.8	136	140	97.1	95.8
X2	6.0	6.0	100.0	95.2	69.1	69.1	100.0	100.6	69.3	69.3	100.0	99.8	18.5	18.9	97.9	95.4	144	145	99.3	101.4
E3	5.8	5.8	100.0	92.1	69.4	69.0	100.6	101.0	69.6	69.2	100.6	100.3					139	140	99.3	97.9
H3	6.6	6.5	101.5	104.8	68.9	68.8	100.1	100.3	69.8	69.8	100.0	100.6	19.4	20.1	96.5	100.0	139	138	100.7	97.9
I3		7.0				69.0				69.4				18.7			142			
L3	6.4	6.5	98.5	101.6	69.3	69.3	100.0	100.9	70.3	70.2	100.1	101.3	19.7	19.4	101.5	101.5	140	138	101.4	98.6
M3	5.3	5.4	98.1	84.1	67.4	67.5	99.8	98.1	69.2	69.3	99.8	99.7	20.2	19.6	103.1	104.1	157	156	100.6	110.6
Q3	6.4	6.6	97.0	101.6	70.1	69.1	101.4	102.0	70.3	69.5	101.2	101.3	19.0	19.0	100.0	97.9	154	143	107.7	108.4
S3	6.1	6.2	98.4	96.8	68.2	68.5	99.6	99.3	69.4	69.6	99.7	100.0	20.8	20.2	103.0	107.2	136	136	100.0	95.8
A4	6.9	6.6	104.5	109.5	68.9	69.0	99.8	100.3	69.5	69.6	99.8	100.1	19.4	19.5	99.5	100.0	141	141	100.0	99.3
B4	6.5	6.7	97.0	103.2	69.3	69.2	100.1	100.9	69.5	69.6	99.8	100.1	19.5	19.5	100.0	100.5	157	158	99.4	110.6
C4	6.0	5.8	103.4	95.2	69.1	69.2	99.8	100.6	69.3	69.4	99.8	99.8	20.5	20.8	96.6	105.7	140	140	100.0	98.6
G4	6.1	6.2	98.4	96.8	69.1	68.4	101.0	100.6	70.3	69.6	101.0	101.3	20.4	20.2	101.0	105.2	139	139	100.0	97.9
H4	6.9	6.6	104.5	109.5	68.6	68.5	100.1	99.8	69.3	69.4	99.8	99.8	18.1	19.3	93.8	93.3	135	135	100.0	95.1
I4	6.6	6.5	101.5	104.8	69.1	69.1	100.0	100.6	69.3	69.3	100.0	99.8	17.8	18.1	98.3	91.8	146	142	102.8	102.8
M4	6.2	5.5	112.7	98.4	68.3	68.1	100.3	99.4	69.5	69.8	99.6	100.1	19.7	20.2	97.5	101.5	142	146	97.3	100.0
N4		6.4				69.1				69.3				18.9			141			
T4		6.7				69.4				69.6				20.1			141			
FKBG DATA																				
CUR.																				
AV. 6.3																				
CUM.																				
AV. 6.3																				
IND.																				
*D 100.0																				

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 LINEBOARD
RING COMPRESSION, LBS.

	JULY, 1984				AUGUST, 1984				SEPTEMBER, 1984			
	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												
F1												
I1	127.0	118.6	107.1	108.7	118.0	120.6	97.8	100.8	117.0	121.1	96.6	100.2
J1	132.0	123.8	106.6	113.0	116.0	124.0	93.5	99.1	131.0	123.3	106.2	112.2
O1												
T1	119.0	119.3	99.7	101.9	97.0	119.3	81.3	82.9	114.0	117.4	97.1	97.6
W1	154.1	126.2	122.1	131.9		130.2			110.6	131.8	83.9	94.7
B2		112.5				112.5				112.5		
F2	100.6	103.0	97.7	86.1	96.2	101.2	95.0	82.2	100.0	100.7	99.3	85.6
H2		121.3				121.3				121.3		
I2	128.0	120.0	106.7	109.6	125.0	121.2	103.1	106.8	132.0	121.7	108.5	113.0
O2		104.7				104.7				104.7		
Q2	129.0	115.8	111.4	110.4	126.0	117.3	107.4	107.7	118.0	118.2	99.8	101.0
S2												
U2	123.0	113.0	108.8	105.3	119.0	114.1	104.3	101.7	114.0	115.2	99.0	97.6
V2	106.0	112.2	94.5	90.8	110.0	112.9	97.4	94.0	118.0	113.3	104.1	101.0
X2	117.0	111.4	105.0	100.2	108.6	111.5	97.4	92.8	106.1	111.3	95.3	90.8
E3	110.0	116.2	94.7	94.2	113.0	115.6	97.8	96.6	122.0	115.5	105.6	104.4
H3	114.6	113.0	101.4	98.1		113.3			112.6	114.1	98.7	96.4
I3		132.6			129.0	132.2	97.6	110.2		132.5		
L3	128.0	131.9	97.0	109.6	128.0	131.4	97.4	109.4	133.0	129.9	102.4	113.9
M3	106.0	110.4	96.0	90.8	105.0	109.3	96.1	89.7	93.0	108.3	85.9	79.6
Q3												
S3	111.0	115.8	95.8	95.0	101.0	115.2	87.7	86.3	107.0	113.8	94.0	91.6
A4	112.0	121.8	92.0	95.9	114.0	120.4	94.7	97.4	115.0	119.6	96.2	98.4
B4	122.0	114.2	106.8	104.4	107.0	115.2	92.9	91.4	111.0	114.2	97.2	95.0
C4	116.0	113.0	102.6	99.3	117.0	113.6	103.0	100.0	112.0	114.2	98.1	95.9
G4		113.6				113.5				114.0		
H4												
I4	130.2	121.9	106.8	111.5	123.3	122.3	106.8	105.4	121.4	122.0	99.5	103.9
M4	112.0	116.5	96.1	95.9		116.1			110.0	115.7	95.1	94.2
N4												
I4												
FKBG DATA												
CUR.												
AV.	119.9				114.1				114.9			
CUM.												
AV.	116.8				117.0				116.8			
IND.												
*D	102.6				97.5				98.4			

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
 JULY, 1984

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.	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
I1	9.2	8.6	107.0	146.0	89.9	89.4	100.6	100.3	90.7	90.2	100.6	100.0	26.7	27.1	98.5	105.1	191	177	107.9	109.8
F2	6.9	6.8	101.5	109.5	89.8	89.5	100.3	100.2	90.7	90.5	100.2	100.0	22.9	23.2	98.7	90.2	194	185	104.9	111.5
Q2	6.1	5.8	105.2	96.8	90.9	89.6	101.4	101.4	91.2	89.9	101.4	100.6	26.6	26.1	101.9	104.7	170	169	100.6	97.7
S2		7.8				90.0				90.4				26.8				171		
U2		6.6				89.2				90.3				25.2				172		
V2	5.9	5.9	100.0	93.6	90.6	89.3	101.4	101.1	92.5	91.2	101.4	102.0	23.5	22.9	102.6	92.5	178	169	105.3	102.3
X2		5.3				89.8				90.2				24.2				170		
H3		6.8				89.7				90.7				27.9				174		
L3	6.3	6.6	95.4	100.0	90.2	90.6	99.6	100.7	91.6	91.9	99.7	101.0	26.4	26.2	100.8	103.9	154	155	99.4	88.5
M3	5.3	5.4	98.1	84.1	87.9	88.2	99.6	98.1	90.3	90.5	99.8	99.6	25.6	26.0	98.5	100.8	177	177	100.0	101.7
D3		6.0				89.5				91.3				27.3				183		
Q3	6.8	6.5	104.6	107.9	90.0	89.9	100.1	100.4	90.3	90.6	99.7	99.6	24.6	25.2	97.6	96.8	185	180	102.8	106.3
S3	5.8	5.8	100.0	92.1	89.5	89.2	100.3	99.9	91.5	91.2	100.3	100.9	26.2	26.7	98.1	103.1	171	164	104.3	98.3
B4	7.0	6.6	106.1	111.1	90.4	90.3	100.1	100.9	90.7	91.0	99.7	100.0	24.9	25.4	98.0	98.0	190	190	100.0	109.2
C4	5.7	5.8	98.3	90.5	90.1	90.3	99.8	100.6	90.4	90.6	99.8	99.7	26.5	26.4	100.4	104.3	166	165	100.6	95.4
G4		6.0				88.8				90.5				26.4				167		
I4	6.5	6.4	101.6	103.2	90.0	90.1	99.9	100.4	90.3	90.4	99.9	99.6	23.5	24.1	97.5	92.5	174	169	103.0	100.0
M4	6.4	6.0	106.7	101.6	89.6	88.9	100.8	100.0	90.9	90.7	100.2	100.2	26.1	26.3	99.2	102.8	177	176	100.6	101.7
FKBG DATA																				
CUR.																				
AV.	6.5				89.9				90.9				25.3				177			
CUM.																				
AV.	6.3				89.6				90.7				25.4				174			
IND.																				
*D	103.2				100.3				100.2				99.6				101.7			

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

AUGUST, 1984

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.	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
I1		8.8				89.5				90.3				27.1				180		
F2	7.0	6.8	102.9	111.1	89.5	89.6	99.9	99.9	90.3	90.5	99.8	99.6	23.3	23.2	100.4	91.7	184	186	98.9	105.7
Q2		5.9				89.8				90.1				26.1				169		
S2		7.8				90.0				90.4				26.8				171		
U2	6.1	6.6	92.4	96.8	88.8	89.3	99.4	99.1	90.4	90.4	100.0	99.7	25.2	25.2	100.0	99.2	170	172	98.8	97.7
V2	6.0	5.9	101.7	95.2	88.8	89.3	99.4	99.1	90.6	91.2	99.3	99.9	22.8	22.9	99.6	89.8	173	170	101.8	99.4
X2		5.5				89.4				89.7				24.3				177		
H3		6.8				89.7				90.7				27.9				174		
L3	6.4	6.6	97.0	101.6	90.6	90.7	99.9	101.1	92.0	91.9	100.1	101.4	26.3	26.2	100.4	103.5	155	155	100.0	89.1
M3	5.5	5.4	101.8	87.3	87.9	88.2	99.6	98.1	90.1	90.5	99.6	99.3	25.6	26.0	98.5	100.8	181	176	102.8	104.0
O3		6.0				89.4				91.1				27.4				182		
Q3	6.1	6.5	93.8	96.8	89.8	89.9	99.9	100.2	90.1	90.5	99.6	99.3	24.2	25.1	96.4	95.3	185	180	102.8	106.3
S3	5.8	5.8	100.0	92.1	89.5	89.3	100.2	99.9	91.5	91.2	100.3	100.9	26.7	26.6	100.4	105.1	169	165	102.4	97.1
B4	7.3	6.7	109.0	115.9	90.1	90.3	99.8	100.6	90.4	90.9	99.4	99.7	24.7	25.4	97.2	97.2	183	190	96.3	105.2
C4	5.9	5.8	101.7	93.6	90.2	90.3	99.9	100.7	90.5	90.6	99.9	99.8	26.7	26.4	101.1	105.1	165	165	100.0	94.8
G4		6.2				89.0				90.5				26.5				166		
I4	6.2	6.4	96.9	98.4	90.0	90.1	99.9	100.4	90.3	90.4	99.9	99.6	24.1	24.0	100.4	94.9	174	169	103.0	100.0
M4	6.4	6.0	106.7	101.6	89.5	89.0	100.6	99.9	90.8	90.7	100.1	100.1	25.6	26.2	97.7	100.8	177	176	100.6	101.7
FKBG DATA																				
CUR.																				
AV. 6.2																				
CUM.																				
AV. 6.3																				
IND.																				
*D 98.4																				

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
 SEPTEMBER, 1984

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.	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
I1		9.0				89.4				90.2				26.9				181		
F2	6.9	6.8	101.5	109.5	89.5	89.6	99.9	99.9	90.4	90.5	99.9	99.7	23.1	23.2	99.6	91.3	188	187	100.5	108.0
Q2		5.9				89.8				90.1				26.1				169		
S2		7.8				90.0				90.4				26.8				171		
U2	6.3	6.5	96.9	100.0	87.6	89.2	98.2	97.8	89.0	90.4	98.4	98.1	24.4	25.2	96.8	96.4	175	172	101.7	100.6
V2	5.9	6.0	98.3	93.6	89.0	89.2	99.8	99.3	90.9	91.0	99.9	100.2	23.6	22.9	103.0	93.3	169	170	99.4	97.1
X2		5.5				89.4				89.7				24.3				177		
H3		6.8				89.7				90.7				27.9				174		
L3	6.4	6.6	97.0	101.6	90.6	90.7	99.9	101.1	92.0	91.9	100.1	101.4	26.2	26.3	99.6	103.6	154	154	100.0	88.5
M3		5.4				88.2				90.5				25.9				176		
O3		6.1				89.4				91.1				27.3				181		
Q3	6.7	6.5	103.1	106.3	91.9	89.9	102.2	102.6	92.2	90.4	102.0	101.6	24.3	25.0	97.2	96.0	193	181	106.6	110.9
S3	5.9	5.8	101.7	93.6	89.5	89.3	100.2	99.9	91.4	91.3	100.1	100.8	26.4	26.6	99.2	104.3	163	165	98.8	93.7
B4	6.8	6.7	101.5	107.9	90.3	90.3	100.0	100.8	90.6	90.8	99.8	99.9	25.6	25.3	101.2	101.2	185	190	97.4	106.3
C4	6.1	5.8	105.2	96.8	90.2	90.2	100.0	100.7	90.5	90.6	99.9	99.8	26.6	26.5	100.4	105.1	167	165	101.2	96.0
G4	5.7	6.2	91.9	90.5	90.4	89.0	101.6	100.9	92.5	90.5	102.2	102.0	26.8	26.5	101.1	105.9	159	166	95.8	91.4
I4	6.5	6.4	101.6	103.2	89.9	90.1	99.8	100.3	90.2	90.4	99.8	99.4	23.5	24.0	97.9	92.9	182	170	107.0	104.6
M4	6.0	6.1	98.4	95.2	89.3	89.1	100.2	99.7	91.1	90.7	100.4	100.4	25.0	26.2	95.4	98.8	176	176	100.0	101.1
FKBG DATA																				
CUR.																				
AV. 6.3																				
CUM.																				
AV. 6.3																				
IND.																				
*D 100.0																				

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.

	JULY, 1984				AUGUST, 1984				SEPTEMBER, 1984			
	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
I1	161.0	135.3	119.0	106.1		143.8				147.0		
F2	134.4	142.5	94.3	88.6	133.9	140.4	95.4	87.7	148.7	139.8	106.4	98.2
Q2	160.0	157.8	101.4	105.5		158.1				158.1		
S2												
U2		142.0			145.0	142.8	101.5	95.0	158.0	143.0	110.5	104.3
V2	174.0	166.0	104.8	114.7	162.0	166.2	97.5	106.2	168.0	166.2	101.1	110.9
X2		162.4				164.3				164.3		
H3		168.7				168.7				168.7		
L3	148.0	163.7	90.4	97.6	148.0	162.4	91.1	97.0	150.0	158.7	94.5	99.0
M3	144.0	149.1	96.6	94.9	118.0	148.1	79.7	77.3		144.8		
O3		156.8				156.8				155.0		
Q3												
S3	157.0	156.8	100.1	103.5	152.0	156.9	96.9	99.6	149.0	156.3	95.3	98.3
B4	160.0	147.8	108.2	105.5	145.0	148.6	97.6	95.0	150.0	147.1	102.0	99.0
C4	156.0	143.4	108.8	102.8	157.0	146.0	107.5	102.9	142.0	147.2	96.5	93.7
G4		139.8				140.8				140.8		
I4	159.9	159.5	100.2	105.4	158.0	159.6	99.0	103.5	155.1	159.6	97.2	102.4
M4	158.0	149.6	105.6	104.2	128.0	151.0	84.8	83.9	155.0	147.7	104.9	102.3
FKBG DATA												
CUR. AV.	155.7				144.7				152.9			
CUM. AV.	151.7				152.6				151.5			
IND. *D	102.6				94.8				100.9			

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

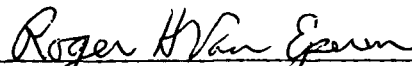
Data submitted by the participating mills relative to conditioning and testing environments are summarized in Table XXV. The procedures used in calculating adjusted basis weight, cumulative machine averages, machine factors, machine indexes, and F.K.B.G. indexes are described in the Appendix.

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
JULY, AUGUST, SEPTEMBER, 1984

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	Yes	10 min	--	--	Yes: 72 ± 2°F; 50 ± 2% RH
C1	Yes	15 min	--	--	Yes: 73 ± 2°F; 50 ± 1% RH
D1	No	--	--	--	Yes: 72 ± 3°F; 50 ± 2% RH
F1	No	--	--	--	Yes: 72 ± 5°F; 50 ± 5% RH
I1	No	--	--	--	Yes: 70 ± 2°F; 50 ± 2% RH
J1	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH
K1	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH
M1	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH
N1	Yes	10 min	--	--	Yes: 73 ± 3°F; 50 ± 3% RH
O1	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH
T1	No	--	--	--	No
U1	No	--	--	--	No
W1	No	--	--	--	Yes: 73 ± 3.5°F; 50 ± 2% RH
X1	No	--	--	--	Yes: 73 ± 3°F; 50 ± 1% RH
B2	No data was submitted for this quarter				
F2	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH
H2	No	--	--	--	No
I2	No	--	--	--	Yes: 72 ± 2°F; 50 ± 2% RH
J2	No	--	--	--	Yes: 73°F; 50% RH
L2	No	--	--	--	Yes: 73 ± 3°F; 50 ± 2% RH
O2	Yes	15 min	--	--	Yes: 73 ± 3.5°F; 50 ± 3% RH
Q2	No	--	--	--	No
S2	No	--	--	--	Yes: 73 ± 3°F; 50 ± 2% RH
T2	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH
U2	No	--	--	--	Yes: 72 ± 2°F; 50 ± 1% RH
V2	Yes	10 min	--	--	Yes: 73 ± 3°F; 50 ± 3% RH
X2	No	--	--	--	No
Z2	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH
A3	No	--	--	--	Yes: 72 ± 2°F; 50 ± 2% RH
E3	No	--	--	--	No
H3	No	--	--	--	Yes: 73 ± 3.5°F; 50 ± 2% RH
I3	No	--	--	--	Yes: 73°F; 50% RH
K3	No data was submitted for this quarter				
L3	No	--	--	--	No
M3	No	--	--	--	Yes: 73°F; 50% RH
O3	No	--	--	--	Yes: 70 ± 4°F; 50 ± 5% RH
Q3	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH
S3	Yes	10 min	--	--	Yes: 72 ± 2°F; 50 ± 2% RH
V3	No	--	--	--	Yes: 72 ± 3°F; 50 ± 2% RH
Z3	No	--	--	--	Yes: 70 ± 4°F; 50 ± 5% RH
A4	No	--	--	--	No
B4	No	--	--	--	Yes: 73°F; 50% RH
C4	No	--	--	--	Yes: 73 ± 3°F; 50 ± 2% RH
G4	Yes	--	73	50	Yes: 73 ± 2°F; 50 ± 2% RH
H4	No	--	--	--	Yes: 72 ± 5°F; 50 ± 5% RH
I4	Yes	7 min	--	--	Yes: 73 ± 2°F; 50 ± 2% RH
J4	No	--	--	--	Yes: 73 ± 3°F; 50 ± 1% RH
K4	No	--	--	--	No
M4	No	--	--	--	Yes: 70 ± 4°F; 50 ± 5% RH
N4	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH
O4	No	--	--	--	Yes: 73 ± 3.5°F; 50 ± 2% RH
S4	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH
T4	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH

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Roger H. Van Eperen
Research Associate
Paper Materials Division

Approved by



Gary A. Baum
Director
Paper Materials Division

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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