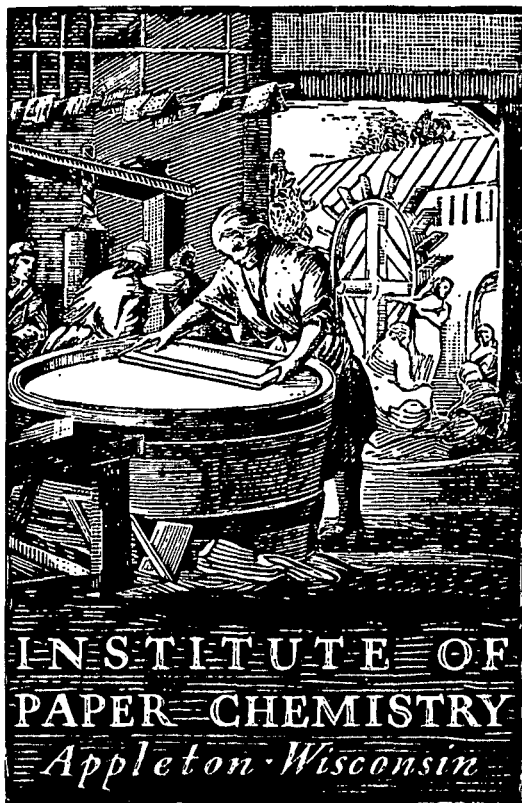




BASE-LINE

4th Quarter, 1978

CONTINUOUS BASE-LINE STUDY (MODIFIED)
(MILL LINERBOARD DATA FOR OCTOBER,
NOVEMBER, DECEMBER, 1978

Project 2694-1

Report Seventy
A Progress Report

to

FOURDRINIER KRAFT BOARD GROUP

of the

AMERICAN PAPER INSTITUTE

February 28, 1979

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4TH QUARTER, 1978

THE INSTITUTE OF PAPER CHEMISTRY

Appleton, Wisconsin

CONTINUOUS BASE-LINE STUDY (MODIFIED)
(MILL LINERBOARD DATA FOR OCTOBER, NOVEMBER, DECEMBER, 1978)

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February 28, 1979

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THE INSTITUTE OF PAPER CHEMISTRY

Appleton, Wisconsin

CONTINUOUS BASE-LINE STUDY (MODIFIED) (MILL LINERBOARD DATA FOR OCTOBER, NOVEMBER, DECEMBER, 1978)

SUMMARY

PART I: SUMMARY OF MOISTURE CONTENT DATA (SEPTEMBER-DECEMBER, 1978)

Linerboard Grade Wt.		Moisture Content			
		September	October	November	December
26 Lb	Max. ^a	5.7	6.6	5.7	6.8
	Min. ^a	2.3	2.6	2.7	1.3
	Av. ^b	4.5 (14)	4.8 (16)	4.6 (17)	4.6 (22)
33 Lb	Max. ^a	6.4	6.2	6.1	6.4
	Min. ^a	2.2	2.7	2.1	2.1
	Av. ^b	4.8 (20)	4.8 (23)	4.9 (23)	4.7 (22)
38 Lb	Max. ^a	6.6	6.7	6.6	6.5
	Min. ^a	4.0	2.8	3.6	4.0
	Av. ^b	5.3 (19)	5.1 (21)	5.3 (24)	5.2 (21)
42 Lb	Max. ^a	7.3	7.2	7.3	7.3
	Min. ^a	3.0	3.4	3.9	3.3
	Av. ^b	5.3 (37)	5.3 (36)	5.4 (39)	5.5 (39)
69 Lb	Max. ^a	8.2	8.2	8.2	8.1
	Min. ^a	3.5	4.0	4.1	3.7
	Av. ^b	5.9 (29)	6.0 (30)	6.1 (30)	6.1 (29)
90 Lb	Max. ^a	7.0	7.1	7.1	7.4
	Min. ^a	3.6	3.5	3.2	4.6
	Av. ^b	5.8 (12)	5.7 (14)	5.9 (14)	6.0 (12)

^aCurrent machine average.

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

PART II: SUMMARY OF ADJUSTED BASIS WEIGHT DATA
(SEPTEMBER-DECEMBER, 1978)

Linerboard Grade Wt.		Adjusted Basis Weight, lb/M ft ²			
		September	October	November	December
26 Lb	Max. ^a	27.7	27.4	28.2	27.9
	Min. ^a	26.1	26.1	26.1	25.8
	Av. ^b	26.6 (14)	26.6 (16)	26.7 (17)	26.6 (22)
33 Lb	Max. ^a	34.7	34.4	34.8	34.9
	Min. ^a	32.9	33.1	32.8	33.0
	Av. ^b	33.5 (20)	33.5 (23)	33.5 (23)	33.5 (22)
38 Lb	Max. ^a	39.0	39.7	39.2	39.3
	Min. ^a	37.5	37.0	37.9	38.0
	Av. ^b	38.3 (19)	38.6 (21)	38.5 (24)	38.5 (21)
42 Lb	Max. ^a	43.9	43.4	43.4	43.2
	Min. ^a	41.8	41.9	41.9	42.0
	Av. ^b	42.5 (37)	42.5 (35)	42.5 (39)	42.4 (39)
69 Lb	Max. ^a	70.7	71.3	70.6	70.4
	Min. ^a	68.1	68.8	68.9	68.8
	Av. ^b	69.5 (29)	69.6 (30)	69.5 (30)	69.4 (29)
90 Lb	Max. ^a	91.9	92.2	92.2	91.6
	Min. ^a	90.1	90.1	89.9	89.7
	Av. ^b	90.7 (12)	90.8 (14)	90.9 (14)	90.7 (12)

^aCurrent machine average.

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

PART III: SUMMARY OF CALIPER DATA
(SEPTEMBER-DECEMBER, 1978)

Linerboard Grade Wt.		Caliper, pt			
		September	October	November	December
26 Lb	Max. ^a	9.2	9.3	9.0	9.4
	Min. ^a	7.3	7.5	7.6	7.2
	Av. ^b	8.1 (14)	8.2 (16)	8.1 (17)	8.0 (21)
33 Lb	Max. ^a	10.6	10.9	11.0	11.0
	Min. ^a	8.9	9.2	9.1	9.4
	Av. ^b	9.9 (19)	10.0 (21)	9.9 (21)	10.0 (20)
38 Lb	Max. ^a	11.7	11.7	12.4	12.2
	Min. ^a	10.2	10.2	9.8	10.3
	Av. ^b	11.0 (18)	10.9 (20)	11.0 (22)	11.0 (19)
42 Lb	Max. ^a	13.2	13.6	13.5	13.1
	Min. ^a	11.0	11.1	10.8	11.1
	Av. ^b	12.1 (36)	12.0 (34)	12.1 (37)	12.0 (37)
69 Lb	Max. ^a	21.3	21.6	21.7	21.3
	Min. ^a	17.8	17.6	17.9	17.8
	Av. ^b	19.6 (28)	19.6 (28)	19.7 (28)	19.6 (27)
90 Lb	Max. ^a	27.4	27.1	27.7	27.0
	Min. ^a	24.1	21.9	23.4	23.6
	Av. ^b	25.7 (12)	25.3 (13)	25.4 (13)	25.3 (11)

^aCurrent machine average.

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

PART IV: SUMMARY OF BURSTING STRENGTH DATA
(SEPTEMBER-DECEMBER, 1978)

Linerboard Grade Wt.		Bursting Strength, psig			
		September	October	November	December
26 Lb	Max. ^a	80	88	87	81
	Min. ^a	65	66	64	62
	Av. ^b	71 (14)	74 (16)	71 (17)	72 (22)
33 Lb	Max. ^a	112	99	102	99
	Min. ^a	79	77	80	78
	Av. ^b	87 (20)	87 (23)	87 (23)	86 (22)
38 Lb	Max. ^a	105	117	115	116
	Min. ^a	87	87	88	90
	Av. ^b	96 (19)	98 (21)	98 (24)	97 (21)
42 Lb	Max. ^a	121	116	120	118
	Min. ^a	98	97	97	97
	Av. ^b	106 (37)	105 (36)	105 (39)	105 (39)
69 Lb	Max. ^a	163	157	152	164
	Min. ^a	134	133	129	129
	Av. ^b	143 (29)	142 (30)	142 (30)	141 (29)
90 Lb	Max. ^a	183	189	176	180
	Min. ^a	153	154	159	161
	Av. ^b	167 (12)	169 (14)	168 (14)	170 (12)

^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
OCTOBER, 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.	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	5.3	107.5	123.9	25.5	25.5	100.0	98.1	26.1	26.2	99.6	98.1	8.0	8.3	96.4	101.3	74	80	92.5	102.8
B1	2.6	2.5	104.0	56.5	25.2	25.2	100.0	96.9	26.6	26.7	99.6	100.0	7.6	7.8	97.4	96.2	78	76	102.6	108.3
D1		5.4				26.8				27.5				8.1				67		
E1	6.6	6.8	97.0	143.5	25.8	25.5	101.2	99.2	26.1	25.8	101.2	98.1	8.1	8.2	98.8	102.5	77	78	98.7	106.9
G1		5.3				26.1				26.8				8.5				71		
I1		4.4				26.0				27.0				7.8				78		
J1	5.1	5.1	100.0	110.9	26.6	26.5	100.4	102.3	27.4	27.3	100.4	103.0	8.2	8.5	96.5	103.8	68	67	101.5	94.4
K1		4.2				25.6				26.6				7.9				77		
L1	3.9	4.2	92.8	84.8	25.5	25.6	99.6	98.1	26.6	26.6	100.0	100.0	8.8	8.2	107.3	111.4	88	83	106.0	122.2
M1		3.9				26.7				26.8				7.6				71		
N1	3.9	3.9	100.0	84.8	27.0	27.1	99.6	103.8	27.1	27.2	99.6	101.9	9.0	8.6	104.6	113.9	72	72	100.0	100.0
S1		3.1				26.1				26.2				7.6				73		
V1	4.1	4.2	97.6	89.1	25.9	25.9	100.0	99.6	26.9	26.9	100.0	101.1	7.9	7.7	102.6	100.0	75	72	104.2	104.2
W1		5.7				26.0				26.1				7.4				63		
Y1	4.4	4.8	91.7	95.6	26.8	27.6	97.1	103.1	26.9	27.7	97.1	101.1	8.3	8.0	103.8	105.1	66	65	101.5	91.7
Z1	5.2	5.2	100.0	113.0	25.5	25.4	100.4	98.1	26.2	26.1	100.4	98.5	7.9	7.8	101.3	100.0	72	74	97.3	100.0
A2		5.6				26.2				26.3								76		
C2	5.9	5.2	113.5	128.3	25.8	25.8	100.0	99.2	26.3	26.5	99.2	98.9	7.7	7.4	104.0	97.5	69	67	103.0	95.8
D2		6.3				26.0				26.1				7.1				76		
E2	5.9	5.4	109.2	128.3	26.1	26.1	100.0	100.4	26.2	26.2	100.0	98.5	8.2	8.2	100.0	103.8	68	68	100.0	94.4
F2	4.0	3.9	102.6	87.0	25.6	26.1	98.1	98.5	26.6	27.2	97.8	100.0	8.1	7.9	102.5	102.5	75	79	94.9	104.2
G2	4.5	4.2	107.1	97.8	25.4	25.3	100.4	97.7	26.3	26.4	99.6	98.9	7.5	7.6	98.7	94.9	80	78	102.6	111.1
H2	4.8	4.9	98.0	104.3	25.6	25.6	100.0	98.5	26.4	26.4	100.0	99.2	8.1	8.1	100.0	102.5	71	71	100.0	98.6
J2		6.3				26.2				26.3				7.0				76		
P2		6.3				26.0				26.1				7.2				65		
V2		5.6				26.1				26.7				8.0				70		
Z2		3.8				26.4				27.5				7.3				77		
A3	4.5	4.8	93.8	97.8	26.2	26.4	99.2	100.8	26.3	26.5	99.2	98.9	8.1	8.1	100.0	102.5	74	70	105.7	102.8
C3	5.1	5.1	100.0	110.9	26.2	26.0	100.8	100.8	27.0	26.8	100.7	101.5	9.3	9.0	103.3	117.7	69	69	100.0	95.8
F3		3.5				25.1				26.2				6.9				71		
G3		4.6				25.9				26.8				7.7				73		
H3		5.8				26.9				27.4				9.0				63		
FKBG DATA																				
CUR.																				
AV. 4.8																				
CUM.																				
AV. 4.6																				
IND.																				
*D 104.3																				
99.6																				
100.0																				
103.8																				
102.8																				

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

TABLE 11
AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 26 LB FOURDRINIER KRAFT LINERBOARD
NOVEMBER, 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.	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	5.4	105.6	123.9	25.5	25.6	99.6	98.1	26.1	26.2	99.6	98.1	8.1	8.3	97.6	101.2	74	80	92.5	102.3
B1	2.7	2.5	108.0	58.7	25.2	25.2	100.0	96.9	26.6	26.6	100.0	100.0	7.8	7.7	101.3	97.5	78	76	102.6	108.3
D1		5.4				26.8				27.5				8.1				67		
E1		6.7				25.6				25.9				8.1				78		
G1	5.4	5.3	101.9	117.4	25.9	26.1	99.2	99.6	26.6	26.8	99.2	100.0	8.6	8.5	101.2	107.5	70	71	98.6	97.2
I1	4.4	4.4	100.0	95.6	26.0	26.0	100.0	100.0	27.0	27.0	100.0	101.5	7.6	7.8	97.4	95.0	71	78	91.0	98.6
J1	5.4	5.1	105.9	117.4	26.2	26.5	98.9	100.8	26.9	27.3	98.5	101.1	8.7	8.4	103.6	108.8	68	67	101.5	94.4
K1	5.1	4.2	121.4	110.9	25.6	25.6	100.0	98.5	26.3	26.6	98.9	98.9	8.0	7.9	101.3	100.0	64	77	83.1	88.9
L1	4.0	4.1	97.6	87.0	25.5	25.6	99.6	98.1	26.5	26.6	99.6	99.6	8.2	8.4	97.6	102.5	87	84	103.6	120.8
M1	3.6	3.9	92.3	78.3	27.3	26.6	102.6	105.0	27.4	26.6	103.0	103.0	7.8	7.6	102.6	97.5	71	71	100.0	98.6
N1	3.8	3.9	97.4	82.6	28.1	27.1	103.7	108.1	28.2	27.2	103.7	106.0	9.0	8.8	102.3	112.5	66	72	91.7	91.7
S1		3.1				26.1				26.2				7.6				73		
V1	4.5	4.2	107.1	97.8	25.8	25.9	99.6	99.2	26.7	26.9	99.2	100.4	7.8	7.7	101.3	97.5	74	73	101.4	102.8
W1		5.7				26.0				26.1				7.5				62		
Y1		4.6				27.2				27.3				8.2				66		
Z1		5.2				25.5				26.2				7.8				74		
A2		5.6				26.2				26.3								76		
C2	5.7	5.2	109.6	123.9	25.8	25.8	100.0	99.2	26.4	26.5	99.6	99.2	7.6	7.4	102.7	95.0	68	67	101.5	94.4
D2		6.3				26.0				26.1				7.1				76		
E2	5.7	5.4	105.6	123.9	26.0	26.1	99.6	100.0	26.1	26.2	99.6	98.1	8.2	8.2	100.0	102.5	69	68	101.5	95.8
F2		3.9				26.0				27.1				7.9				79		
G2	3.8	4.1	92.7	82.6	25.0	25.3	98.8	96.2	26.1	26.4	98.9	98.1	8.1	7.6	106.6	101.2	73	78	93.6	101.4
H2	4.9	4.8	102.1	106.5	25.7	25.6	100.4	98.8	26.5	26.4	100.4	99.6	8.3	8.1	102.5	103.8	71	71	100.0	98.6
J2		6.3				26.3				26.4				7.0				76		
P2		6.3				26.0				26.1				7.2				65		
V2		5.6				26.2				26.9				8.2				72		
Z2		3.8				26.4				27.5				7.3				77		
A3	4.7	4.8	97.9	102.2	26.2	26.4	99.2	100.8	26.3	26.5	99.2	98.9	8.0	8.1	98.8	100.0	69	70	98.6	95.8
C3	4.9	5.1	96.1	106.5	26.1	26.0	100.4	100.4	26.9	26.8	100.4	101.1	8.6	9.0	95.6	107.5	69	69	100.0	95.8
F3		3.5				25.1				26.2				6.9				71		
G3	4.6	4.7	97.9	100.0	25.8	25.9	99.6	99.2	26.7	26.8	99.6	100.4	8.0	7.6	105.3	100.0	70	74	94.6	97.2
H3		6.0				26.9				27.4				9.3				64		
FKRG DATA																				
CUR.																				
AV. 4.6																				
CUM.																				
AV. 4.6																				
IND.																				
*C 100.0																				
100.0																				
100.4																				
101.2																				
98.6																				

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
DECEMBER, 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.	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	5.4	111.1	130.4	25.6	25.6	100.0	98.5	26.1	26.2	99.6	98.1	8.1	8.3	97.6	101.2	78	79	98.7	108.3
B1	2.8	2.5	112.0	60.9	25.4	25.2	100.8	97.7	26.8	26.6	100.8	100.8	7.7	7.6	101.3	96.2	75	76	98.7	104.2
D1	5.9	5.3	111.3	128.3	26.6	27.0	98.5	102.3	27.2	27.7	98.2	102.2	8.1	8.2	98.8	101.2	66	68	97.0	91.7
E1	6.8	6.7	101.5	147.8	25.5	25.6	99.6	98.1	25.8	25.9	99.6	97.0	8.1	8.1	100.0	101.2	77	78	98.7	106.9
G1	6.2	5.3	117.0	134.8	26.0	26.0	100.0	100.0	26.4	26.7	98.9	99.2	9.0	8.5	105.9	112.5	69	70	98.6	95.8
I1	4.4	4.4	100.0	95.6	26.1	26.0	100.4	100.4	27.1	27.0	100.4	101.9	7.2	7.7	93.5	90.0	72	74	97.3	100.0
J1	5.0	5.1	98.0	108.7	26.6	26.5	100.4	102.3	27.4	27.3	100.4	103.0	9.4	8.5	110.6	117.5	68	68	100.0	94.4
K1	4.8	4.3	111.6	104.3	25.3	25.6	98.8	97.3	26.1	26.5	98.5	98.1	7.9	7.9	100.0	98.8	77	75	102.7	106.9
L1	3.8	4.1	92.7	82.6	25.5	25.6	99.6	98.1	26.6	26.6	100.0	100.0	8.4	8.3	101.2	105.0	81	85	95.3	112.5
M1	4.5	3.9	115.4	97.8	26.0	26.6	97.7	100.0	26.1	26.7	97.8	98.1	7.8	7.6	102.6	97.5	71	71	100.0	98.6
N1	4.0	3.9	102.6	87.0	27.1	27.2	99.6	104.2	27.2	27.3	99.6	102.2	8.3	8.8	94.3	103.8	73	71	102.8	101.4
P1	1.3	0.9	144.4	28.3	26.1	25.7	101.6	100.4	27.9	27.6	101.1	104.9	8.6	8.0	107.5	107.5	62	64	96.9	86.1
S1	3.6	3.1	116.1	78.3	26.0	26.1	99.6	100.0	26.1	26.2	99.6	98.1	7.8	7.6	102.6	97.5	65	73	89.0	90.3
V1	4.4	4.2	104.8	95.6	26.1	25.9	100.8	100.4	27.1	26.9	100.7	101.9	7.7	7.7	100.0	96.2	72	73	98.6	100.0
W1		5.7				26.0				26.1				7.5				62		
Y1		4.4				26.8				26.9				8.3				66		
Z1	5.3	5.1	103.9	115.2	25.6	25.5	100.4	98.5	26.3	26.2	100.4	98.9	7.9	7.8	101.3	98.8	74	75	98.7	102.8
A2		5.6				26.2				26.3								76		
C2	5.9	5.4	109.2	128.3	25.8	25.8	100.0	99.2	26.3	26.5	99.2	98.9	7.6	7.4	102.7	95.0	67	67	100.0	93.0
D2		6.3				26.0				26.1				7.1				76		
E2	5.0	5.4	92.6	108.7	26.0	26.1	99.6	100.0	26.1	26.2	99.6	98.1	8.3	8.2	101.2	103.8	68	69	98.6	94.4
F2		3.9				26.0				27.1				7.9				79		
G2	4.1	4.1	100.0	89.1	25.4	25.3	100.4	97.7	26.4	26.3	100.4	99.2	7.6	7.6	100.0	95.0	75	77	97.4	104.2
H2	4.9	4.8	100.0	104.3	25.5	25.6	99.6	98.1	26.3	26.4	99.6	98.9	8.0	8.1	98.8	100.0	71	71	100.0	98.6
J2		6.3				26.3				26.4				7.0				76		
P2		6.3				26.0				26.1				7.1				65		
V2		5.6				26.2				26.9				8.2				72		
Z2		3.8				26.4				27.5				7.3				77		
A3	4.9	4.8	102.1	106.5	26.2	26.4	99.2	100.8	26.3	26.5	99.2	98.9	7.8	8.1	96.3	97.5	73	70	104.3	101.4
C3		5.1				26.0				26.8				9.0				69		
F3	2.1	3.5	60.0	45.6	25.0	25.1	99.6	96.2	26.6	26.2	101.5	100.0		6.9			79	71	111.3	109.7
G3	4.8	4.6	104.3	104.3	26.0	25.8	100.8	100.0	26.9	26.7	100.7	101.1	7.9	8.0	98.8	98.8	72	70	102.8	100.0
H3		6.0				26.9				27.4				9.3				64		
FKBG DATA																				
CUR.																				
AV. 4.6																				
CUM.																				
AV. 4.6																				
IND.																				
*D 100.0																				

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

TABLE IV
AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 33 LB FOURDRINIER KRAFT LINERBOARD
OCTOBER, 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.	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	5.5	105.4	120.8	32.5	32.3	100.6	99.1	33.2	33.2	100.0	99.1	9.8	10.3	95.1	99.0	91	97	93.8	105.8
B1	2.8	2.9	96.6	58.3	31.9	32.1	99.4	97.2	33.6	33.8	99.4	100.3	10.0	9.7	103.1	101.0	99	90	110.0	115.1
D1	5.5	5.6	98.2	114.6	33.0	33.8	97.6	100.6	33.8	34.6	97.7	100.9	9.9	10.2	97.0	100.0	77	80	96.2	89.5
E1	4.8	5.6	85.7	100.0	32.8	32.4	101.2	100.0	33.9	33.2	102.1	101.2	10.4	10.5	99.0	105.0	96	91	105.5	111.6
G1		5.2				32.8				33.7				11.2			82			
I1	4.9	5.1	96.1	102.1	32.6	32.8	99.4	99.4	33.6	33.7	99.7	100.3	10.1	10.7	94.4	102.0	78	81	96.3	90.7
K1	4.6	4.4	104.5	95.8	32.1	32.1	100.0	97.9	33.2	33.3	99.7	99.1	10.0	9.7	103.1	101.0	84	89	94.4	97.7
L1	4.7	4.7	100.0	97.9	32.4	32.3	100.3	98.8	33.5	33.4	100.3	100.0	10.7	10.5	101.9	108.1	96	97	99.0	111.6
M1	4.4	4.5	97.8	91.7	33.2	33.1	100.3	101.2	33.4	33.3	100.3	99.7	9.4	9.4	100.0	94.9	78	82	95.1	90.7
N1	4.4	4.6	95.6	91.7	33.4	33.5	99.7	101.8	33.5	33.6	99.7	100.0	10.1	10.6	95.3	102.0	82	82	100.0	95.3
P1	2.7	2.2	122.7	56.2	32.6	31.9	102.2	99.4	34.4	33.9	101.5	102.7	10.9	10.4	104.8	110.1	80	82	97.6	93.0
S1		3.8				33.1				33.2				10.0			88			
U1		5.0				32.4				33.4				9.1			82			
V1	4.4	4.5	97.8	91.7	32.5	32.6	99.7	99.1	33.7	33.8	99.7	100.6	9.8	9.9	99.0	99.0	89	88	101.1	103.5
X1		6.0				33.1				33.2				9.1			84			
Y1	5.3	4.9	108.2	110.4	33.3	33.3	100.0	101.5	33.4	33.4	100.0	99.7	9.4	9.5	98.9	94.9	88	86	102.3	102.3
Z1	5.9	5.4	109.2	122.9	32.6	32.2	101.2	99.4	33.3	33.1	100.6	99.4	10.1	9.7	104.1	102.0	86	90	95.6	100.0
A2	5.7	5.8	98.3	118.8	33.0	33.1	99.7	100.6	33.1	33.2	99.7	98.8					84	87	96.6	97.7
C2	6.2	5.7	108.8	129.2	32.8	32.8	100.0	100.0	33.4	33.5	99.7	99.7	9.6	9.5	101.0	97.0	84	82	102.4	97.7
E2	6.1	6.2	98.4	127.1	33.0	33.0	100.0	100.6	33.1	33.1	100.0	98.8	10.0	9.8	102.0	101.0	80	82	97.6	93.0
F2	3.3	3.9	84.6	68.8	31.9	32.5	98.2	97.2	33.5	33.8	99.1	100.0	10.2	9.9	103.0	103.0	86	93	92.5	100.0
G2	4.9	4.8	102.1	102.1	32.2	32.2	100.0	98.2	33.2	33.3	99.7	99.1	9.2	9.1	101.1	92.9	97	97	100.0	112.8
H2	4.8	4.8	100.0	100.0	32.5	32.5	100.0	99.1	33.6	33.6	100.0	100.3	9.9	10.1	98.0	100.0	83	84	98.8	96.5
I2		5.1				32.7				33.6				8.8			90			
J2		6.4				33.1				33.2				9.1			90			
O2		5.0				33.6				34.6				10.9			85			
S2		2.9				33.3				33.6				9.4			80			
V2		5.7				33.1				33.9				10.0			80			
Y2		2.9				32.1				33.8				10.2			85			
Z2		4.9				32.6				33.6				9.4			88			
A3	4.9	4.9	100.0	102.1	33.1	33.2	99.7	100.9	33.2	33.3	99.7	99.1	9.9	10.0	99.0	100.0	85	86	98.8	98.8
C3	5.2	4.9	106.1	108.3	32.9	33.0	99.7	100.3	33.8	34.0	99.4	100.9	10.1	10.4	97.1	102.0	83	89	93.2	96.5
E3	5.5	5.8	94.8	114.6	33.6	33.7	99.7	102.4	33.9	34.0	99.7	101.2	10.6	10.5	101.0	107.1	92	90	102.2	107.0
F3	3.5	4.0	87.5	72.9	31.8	31.8	100.0	97.0	33.3	33.2	100.3	99.4					95	91	104.4	110.5
G3		4.9				32.4				33.5				9.8			89			
H3		6.0				33.6				34.2				11.2			79			

FKBG DATA

CUR.																				
AV.	4.8				32.7				33.5				10.0				87			
CUM.																				
AV.	4.8				32.8				33.5				9.9				86			
IND.																				
*D	100.0				99.7				100.0				101.0				101.2			

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

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

NOVEMBER, 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.	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	5.6	103.6	120.8	32.3	32.4	99.7	98.5	33.0	33.2	99.4	98.5	9.8	10.2	96.1	99.0	91	96	94.2	105.8
B1	2.8	2.9	96.6	58.3	31.9	32.1	99.4	47.2	33.6	33.8	99.4	100.3	9.4	9.6	97.9	94.9	89	91	97.8	103.5
D1	6.0	5.6	107.1	125.0	34.1	33.8	100.9	104.0	34.8	34.6	100.6	103.9	10.3	10.2	101.0	104.0	80	80	100.0	93.0
E1		5.5				32.6				33.4				10.5				74		
G1		5.2				32.8				33.7				11.2				82		
I1	5.0	5.0	100.0	104.2	32.7	32.7	100.0	99.7	33.7	33.7	100.0	100.6	10.0	10.6	94.3	101.0	80	81	98.8	93.0
K1	5.5	4.4	125.0	114.6	32.0	32.1	99.7	97.6	33.3	33.3	98.5	97.9	9.8	9.8	100.0	99.0	89	86	101.1	103.5
L1	5.3	4.7	112.8	110.4	32.5	32.3	100.6	99.1	33.4	33.4	100.0	99.7	10.7	10.6	100.9	108.1	102	97	105.2	118.6
M1	4.2	4.6	91.3	87.5	33.1	33.1	100.0	100.9	33.3	33.3	100.0	99.4	9.3	9.4	98.9	93.9	80	82	97.6	93.0
N1	4.8	4.6	104.3	100.0	33.4	33.4	100.0	101.8	33.5	33.6	99.7	100.0	10.1	10.5	96.2	102.0	80	82	97.6	93.0
P1	2.1	2.2	95.4	43.8	32.8	32.0	102.5	100.0	34.8	34.0	102.4	103.9	11.0	10.5	104.8	111.1	80	81	98.8	93.0
S1		3.8				33.1				33.2				9.8				87		
U1		5.0				32.4				33.4				9.1				82		
V1	4.2	4.5	93.3	87.5	32.4	32.6	99.4	98.8	33.7	33.8	99.7	100.6	9.4	9.8	95.9	94.9	89	88	101.1	103.5
X1		6.1				33.1				33.2				9.2				84		
Y1	4.6	5.0	92.0	95.8	33.0	33.3	99.1	100.6	33.1	33.4	99.1	98.8	9.1	9.5	95.2	91.9	87	87	100.0	101.2
Z1	5.6	5.4	103.7	116.7	32.5	32.3	100.6	99.1	33.3	33.1	100.6	99.4	9.7	9.7	100.0	98.0	91	90	101.1	105.8
A2	5.7	5.8	98.3	118.8	33.2	33.1	100.3	101.2	33.3	33.2	100.3	99.4					88	86	102.3	102.3
C2	6.1	5.7	107.0	127.1	32.8	32.8	100.0	100.0	33.4	33.5	99.7	99.7	9.8	9.5	103.2	99.0	82	82	100.0	95.3
E2	6.1	6.2	98.4	127.1	32.9	33.0	99.7	100.3	33.0	33.1	99.7	98.5	9.7	9.8	99.0	98.0	81	82	98.8	44.2
F2	4.1	3.8	107.9	85.4	32.2	32.4	99.4	98.2	33.5	33.8	99.1	100.0	10.5	9.9	106.1	106.1	89	93	95.7	103.5
G2	4.8	4.8	100.0	100.0	32.4	32.2	100.6	98.8	33.5	33.3	100.6	100.0	9.3	9.1	102.2	93.9	90	97	92.8	104.6
H2	4.8	4.8	100.0	100.0	32.5	32.5	100.0	99.1	33.6	33.6	100.0	100.3	9.6	10.1	95.0	97.0	81	84	96.4	94.2
I2	5.6		116.7		33.2			101.2	34.0			101.5	9.3			93.9	92			107.0
J2		6.4				33.1				33.2				9.2				89		
O2		5.0				33.6				34.6				10.9				85		
S2		2.9				33.3				33.6				9.4				80		
V2		5.6				33.4				34.1				10.0				80		
Y2		2.9				32.1				33.8				10.2				85		
Z2		4.8				32.6				33.7				9.4				87		
A3	4.9	4.9	100.0	102.1	33.1	33.2	99.7	100.9	33.2	33.3	99.7	99.1	9.9	10.0	99.0	100.0	85	86	98.8	98.8
C3		5.0				32.9				33.9				10.4				85		
E3	5.7	5.8	98.3	118.8	33.5	33.7	99.4	102.1	33.8	34.0	99.4	100.9	10.1	10.5	96.2	102.0	95	91	104.4	110.5
F3	3.4	4.0	85.0	70.8	31.6	31.8	99.4	96.3	33.1	33.2	99.7	98.8		9.0			94	91	103.3	109.3
G3	5.4	5.0	108.0	112.5	32.7	32.5	100.6	99.7	33.6	33.5	100.3	100.3	10.4	9.7	107.2	105.0	85	91	93.4	98.8
H3		6.0				33.5				34.1				11.2				79		

FKBG DATA

CUR.																				
AV.	4.9				32.7				33.5				9.9				87			
CUM.																				
AV.	4.8				32.8				33.5				9.9				86			
IND.																				
*C	102.1				99.7				100.0				100.0				101.2			

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

TABLE VI

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

DECEMBER, 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.	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	6.4	5.6	114.3	133.3	32.5	32.4	100.3	99.1	33.0	33.2	99.4	98.5	9.9	10.2	97.0	100.0	93	94	98.9	108.1
B1	2.9	2.9	100.0	60.4	32.3	32.0	100.9	98.5	34.0	33.7	100.9	101.5	9.4	9.6	97.9	94.9	90	91	98.9	104.6
O1	5.8	5.6	103.6	120.8	34.1	33.9	100.6	104.0	34.9	34.7	100.6	104.2	10.8	10.2	105.9	109.1	80	80	100.0	93.0
E1		5.6				32.6				33.5				10.5				94		
G1		5.2				32.8				33.7				11.2				82		
I1	4.8	5.0	96.0	100.0	32.8	32.7	100.3	100.0	33.9	33.7	100.6	101.2	9.9	10.6	93.4	100.0	79	81	97.5	91.9
K1	4.6	4.5	102.2	95.8	32.2	32.1	100.3	98.2	33.3	33.3	100.0	99.4	9.7	9.7	100.0	98.0	89	89	100.0	103.5
L1	5.0	4.8	104.2	104.2	32.4	32.4	100.0	98.8	33.4	33.4	100.0	99.7	10.6	10.6	100.0	107.1	99	98	101.0	115.1
M1	4.2	4.6	91.3	87.5	33.1	33.1	100.0	100.9	33.3	33.3	100.0	99.4	9.7	9.4	103.2	98.0	78	82	95.1	90.7
N1	4.9	4.6	106.5	102.1	33.8	33.4	101.2	103.0	33.9	33.5	101.2	101.2	10.3	10.5	98.1	104.0	83	82	101.2	96.5
P1	2.1	2.2	95.4	43.8	32.4	32.1	100.9	98.8	34.4	34.1	100.9	102.7	11.0	10.5	104.8	111.1	79	81	97.5	91.9
S1	3.9	3.8	102.6	81.2	33.1	33.1	100.0	100.9	33.2	33.2	100.0	99.1	9.7	9.7	100.0	98.0	82	87	94.2	95.3
U1		5.0				32.4				33.4				9.1				82		
V1	5.0	4.4	113.6	104.2	32.5	32.6	99.7	99.1	33.5	33.8	99.1	100.0	9.4	9.8	95.9	94.9	85	88	96.6	98.8
X1		6.0				33.1				33.2				9.2				84		
Y1		4.9				33.2				33.4				9.4				87		
Z1	5.1	5.4	94.4	106.2	32.2	32.4	99.4	98.2	33.1	33.2	99.7	98.8	9.4	9.7	96.9	94.9	90	90	100.0	104.6
A2	5.5	5.7	96.5	114.6	33.1	33.1	100.0	100.9	33.2	33.2	100.0	99.1					87	86	101.2	101.2
C2	6.2	5.8	106.9	129.2	32.8	32.8	100.0	100.0	33.4	33.5	99.7	99.7	9.8	9.5	103.2	99.0	80	82	97.6	93.0
E2	6.3	6.2	101.6	131.2	32.9	33.0	99.7	100.3	33.0	33.0	100.0	98.5	9.6	9.8	98.0	97.0	82	82	100.0	95.3
F2	4.0	3.9	102.6	83.3	32.0	32.4	98.8	97.6	33.3	33.8	98.5	99.4	9.8	10.0	98.0	99.0	91	92	98.9	105.8
G2	4.8	4.8	100.0	100.0	32.2	32.2	100.0	98.2	33.3	33.3	100.0	99.4	10.4	9.1	114.3	105.0	92	96	95.8	107.0
H2	4.7	4.8	97.9	97.9	32.4	32.5	99.7	98.8	33.5	33.6	99.7	100.0	10.1	10.0	101.0	102.0	80	84	95.2	93.0
I2		5.6				33.2				34.0				9.3				92		
J2		6.4				33.1				33.2				9.2				89		
O2		5.0				33.6				34.6				10.9				85		
S2		2.9				33.4				33.7				9.5				80		
V2		5.5				33.4				34.2				10.0				81		
Y2		3.0				32.2				33.8				10.4				86		
Z2		4.8				32.6				33.7				9.4				87		
A3	4.7	4.9	95.9	97.9	33.2	33.2	100.0	101.2	33.3	33.3	100.0	99.4	9.8	10.0	98.0	99.0	86	85	101.2	100.0
C3		5.0				32.9				33.9				10.4				85		
E3	5.7	5.8	98.3	118.8	33.4	33.7	99.1	101.8	33.7	34.0	99.1	100.6	10.0	10.5	95.2	101.0	86	91	94.5	100.0
F3	2.8	4.0	70.0	58.3	31.7	31.8	99.7	96.6	33.4	33.2	100.6	99.7		8.9			93	91	102.2	108.1
G3	4.9	5.4	90.7	102.1	32.5	32.7	99.4	99.1	33.5	33.6	99.7	100.0	9.9	10.4	95.2	100.0	83	85	97.6	96.5
H3		6.0				33.6				34.2				11.3				79		
FKBG DATA																				
CUR.																				
	AV.	4.7				32.7				33.5				10.0				86		
CUM.																				
	AV.	4.8				32.8				33.5				9.9				86		
IND.																				
	*C	97.9				99.7				100.0				101.0				100.0		

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

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
B1	2.8	2.9	96.6	54.9	35.1	36.6	95.9	92.8	37.0	38.5	96.1	95.8	10.9	10.8	100.9	99.1	117	101	115.8	120.6
E1		6.0				37.6				38.3				11.7				98		
F1	5.6	5.6	100.0	109.8	38.0	37.5	101.3	100.5	38.9	38.4	101.3	100.8	11.7	11.3	103.5	106.4	93	96	96.9	95.9
I1	4.9	5.1	96.1	96.1	37.6	37.7	99.7	99.5	38.8	38.8	100.0	100.5	11.2	11.6	96.6	101.8	89	91	97.8	91.8
K1		4.5				97.0				38.4				11.1				98		
L1	5.5	6.1	90.2	107.8	38.2	37.7	101.3	101.0	39.2	38.4	102.1	101.6	11.1	11.1	100.0	100.9	111	107	103.7	114.4
M1	4.6	5.0	92.0	90.2	38.2	38.1	100.3	101.0	38.4	38.3	100.3	99.5	10.4	10.7	97.2	94.5	95	95	100.0	97.9
N1	5.7	5.5	103.6	111.8	38.3	38.4	99.7	101.3	38.4	38.5	99.7	99.5	11.1	11.2	99.1	100.9	94	95	98.9	96.9
S1		4.2				38.1				38.2				11.2				102		
T1	2.8	3.0	93.3	54.9	37.7	38.4	98.2	99.7	39.7	40.4	98.3	102.8	10.2	10.6	96.2	92.7	99	97	102.1	102.1
V1	5.1	4.9	104.1	100.0	37.5	37.6	99.7	99.2	38.6	38.8	99.5	100.0	11.2	11.2	100.0	101.8	100	99	101.0	103.1
Y1	5.4	5.7	94.7	105.9	38.4	38.4	100.0	101.6	38.5	38.5	100.0	99.7	10.6	10.6	100.0	96.4	99	99	100.0	102.1
Z1		5.6				37.2				38.0				11.3				99		
A2	5.7	5.7	100.0	111.8	38.1	38.3	99.5	100.8	38.2	38.4	99.5	99.0					94	94	100.0	96.9
C2	5.8	5.6	103.6	113.7	37.5	37.6	99.7	99.2	38.3	38.5	99.5	99.2	11.1	10.8	102.8	100.9	91	92	98.9	93.8
E2	6.7	6.6	101.5	131.4	37.9	38.0	99.7	100.3	38.0	38.0	100.0	98.4	10.4	10.7	97.2	94.5	95	91	104.4	97.9
F2		4.0				37.2				38.7				10.8				102		
G2	5.1	5.0	102.0	100.0	37.0	37.1	99.7	97.9	38.1	38.2	99.7	98.7	10.5	10.4	101.0	95.4	102	106	96.2	105.2
H2	4.9	4.9	100.0	96.1	37.3	37.4	99.7	98.7	38.5	38.6	99.7	99.7	11.3	11.3	100.0	102.7	92	93	98.9	94.8
K2	4.8	4.0	120.0	94.1	37.9	37.6	100.8	100.3	39.2	39.2	100.0	101.6	10.6	9.8	108.2	96.4	87	93	93.5	89.7
M2	4.5	5.0	90.0	88.2	38.9	38.8	100.2	102.9	39.0	38.8	100.5	101.0	11.1	11.0	100.9	100.9	99	98	101.0	102.1
U2	5.6	5.1	109.8	109.8	37.6	37.5	100.3	99.5	38.5	38.6	99.7	99.7	10.8	11.1	97.3	98.2	104	102	102.0	107.2
X2	5.5	5.5	100.0	107.8	38.2	38.2	100.0	101.0	38.3	38.3	100.0	99.2	11.2	12.0	93.3	101.8	98	101	97.0	101.0
Z2	5.0	5.1	98.0	98.0	37.7	37.5	100.5	99.7	38.8	38.6	100.5	100.5	10.8	10.6	101.9	98.2	96	96	100.0	99.0
A3	5.4	5.1	105.9	105.9	38.2	38.5	99.2	101.0	38.3	38.6	99.2	99.2	11.3	11.3	100.0	102.7	93	96	96.9	95.9
C3		5.1				37.7				38.8				11.6				96		
E3	5.8	5.7	101.8	113.7	38.7	38.8	99.7	102.4	39.0	39.1	99.7	101.0	10.7	11.1	96.4	97.3	100	98	102.0	103.1
FKBG DATA																				
CUR.																				
AV. 5.1																				
CUM.																				
AV. 5.1																				
IND.																				
*D 100.0																				
100.0																				
100.0																				
100.0																				
99.1																				
101.0																				

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
NOVEMBER, 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.	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
B1		2.9				36.4				38.4				10.8				103		
E1		6.0				37.6				38.3				11.7				98		
F1	6.4	5.6	114.3	125.5	38.5	37.5	102.7	101.8	39.1	38.4	101.8	101.3	12.4	11.3	109.7	112.7	92	95	96.8	94.8
I1	5.0	5.0	100.0	98.0	37.7	37.7	100.0	99.7	38.8	38.8	100.0	100.5	11.4	11.6	98.3	103.6	90	91	98.9	92.8
K1	4.8	4.5	106.7	94.1	37.1	37.0	100.3	98.1	38.3	38.3	100.0	99.2	11.1	11.1	100.0	100.9	101	99	102.0	104.1
L1	5.4	5.9	91.5	105.9	37.5	37.8	99.2	99.2	38.5	38.6	99.7	99.7	11.3	11.1	101.8	102.7	115	108	106.5	118.6
M1	4.9	4.9	100.0	96.1	38.0	38.1	99.7	100.5	38.2	38.3	99.7	99.0	10.8	10.7	100.9	98.2	93	95	97.9	95.9
N1	5.8	5.5	105.4	113.7	38.5	38.4	100.3	101.8	38.6	38.5	100.2	100.0	11.3	11.2	100.9	102.7	96	94	102.1	99.0
S1		4.3				38.1				38.2				11.2				101		
T1	3.6	3.0	120.0	70.6	36.9	38.3	96.3	97.6	38.6	40.3	95.8	100.0	10.2	10.6	96.2	92.7	100	98	102.0	103.1
V1	5.1	4.9	104.1	100.0	37.3	37.6	99.2	98.7	38.4	38.8	99.0	99.5	11.4	11.2	101.8	103.6	101	95	102.0	104.1
Y1	5.3	5.6	94.6	103.9	38.5	38.4	100.3	101.8	38.6	38.5	100.2	100.0	10.8	10.5	102.8	98.2	100	99	101.0	103.1
Z1	6.1	5.7	107.0	119.6	37.2	37.2	100.0	98.4	37.9	38.1	99.5	98.2	11.5	11.3	101.8	104.5	98	99	99.0	101.0
A2	5.6	5.7	98.2	109.8	38.1	38.3	99.5	100.8	38.2	38.4	99.5	99.0					93	94	98.9	95.9
C2	6.2	5.6	110.7	121.6	37.6	37.6	100.0	99.5	38.2	38.5	99.2	99.0	11.0	10.8	101.8	100.0	91	92	98.9	93.8
E2	6.6	6.6	100.0	129.4	37.9	38.0	99.7	100.3	38.0	38.0	100.0	98.4	9.8	10.7	91.6	89.1	89	91	97.8	91.8
F2		4.0				37.2				38.7				10.7				103		
G2	5.0	5.0	100.0	98.0	37.1	37.2	99.7	98.1	38.2	38.3	99.7	99.0	10.3	10.4	99.0	93.6	97	105	92.4	100.0
H2	4.8	4.9	98.0	94.1	37.3	37.4	99.7	98.7	38.5	38.5	100.0	99.7	11.2	11.3	99.1	101.8	92	92	100.0	94.8
K2	4.6	4.0	115.0	90.2	37.9	37.8	100.3	100.3	39.2	39.3	99.7	101.6	10.4	10.1	103.0	94.5	88	92	95.6	90.7
M2	4.8	4.9	98.0	94.1	38.4	38.8	99.0	101.6	38.5	38.9	99.0	99.7	10.8	11.0	98.2	98.2	104	98	106.1	107.2
U2	5.5	5.2	105.8	107.8	37.6	37.5	100.3	99.5	38.5	38.6	99.7	99.7	10.7	11.1	96.4	97.3	110	102	107.8	113.4
X2	5.4	5.5	98.2	105.9	38.4	38.2	100.5	101.6	38.5	38.3	100.5	99.7	11.5	11.9	96.6	104.5	100	101	99.0	103.1
Z2	5.0	5.1	98.0	98.0	37.4	37.5	99.7	98.9	38.5	38.6	99.7	99.7	10.8	10.7	100.9	98.2	105	96	109.4	108.2
A3	5.0	5.1	98.0	98.0	38.3	38.5	99.5	101.3	38.4	38.6	99.5	99.5	11.4	11.3	100.9	103.6	101	96	105.2	104.1
C3	5.1	5.1	100.0	100.0	38.0	37.7	100.8	100.5	39.1	38.8	100.8	101.3	11.3	11.6	97.4	102.7	93	96	96.9	95.9
E3	5.7	5.7	100.0	111.8	38.5	38.8	99.2	101.8	38.8	39.1	99.2	100.5	10.9	11.1	98.2	99.1	98	98	100.0	101.0
F3	4.8		94.1		37.0			97.9	38.2			99.0					110			113.4
FKBG DATA																				
CUR.																				
AV.	5.3				37.8				38.5				11.0				98			
CUM.																				
AV.	5.1				37.8				38.6				11.0				97			
IND.																				
*D	103.9				100.0				99.7				100.0				101.0			

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
DECEMBER, 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.	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
B1		2.9				36.4				38.3				10.6				105		
E1		6.0				37.6				38.3				11.7				98		
F1	6.2	5.6	110.7	121.6	38.6	37.6	102.6	102.1	39.3	38.5	102.1	101.8	12.2	11.4	107.0	110.9	92	95	96.8	94.8
I1	4.7	4.9	95.9	92.2	37.6	37.6	100.0	99.5	38.9	38.8	100.2	100.8	11.1	11.6	95.7	100.9	90	91	98.9	92.8
K1	4.8	4.6	104.3	94.1	37.1	37.0	100.3	98.1	38.3	38.3	100.0	99.2	11.2	11.1	100.9	101.8	96	99	97.0	99.0
L1	5.8	5.8	100.0	113.7	37.7	37.7	100.0	99.7	38.5	38.6	99.7	99.7	11.0	11.2	98.2	100.0	116	109	106.4	119.6
M1	4.8	5.0	96.0	94.1	38.3	38.1	100.5	101.3	38.5	38.3	100.5	99.7	11.0	10.8	101.8	100.0	93	95	97.9	95.9
N1	4.4	5.5	80.0	86.3	39.2	38.4	102.1	103.7	39.3	38.5	102.1	101.8	10.9	11.2	97.3	99.1	96	95	101.0	99.0
S1	5.4	4.4	122.7	105.9	38.0	38.1	99.7	100.5	38.1	38.2	99.7	98.7	11.2	11.0	101.8	101.8	105	101	104.0	108.2
T1		3.0				38.2				40.2				10.5				98		
V1	5.2	4.9	106.1	102.0	37.7	37.6	100.3	99.7	38.8	38.7	100.2	100.5	11.1	11.2	99.1	100.9	100	99	101.0	103.1
Y1	5.6	5.6	100.0	109.8	38.4	38.4	100.0	101.6	38.5	38.5	100.0	99.7	10.3	10.5	98.1	93.6	96	100	96.0	99.0
Z1	6.0	5.7	105.3	117.6	37.4	37.3	100.3	98.9	38.1	38.1	100.0	98.7	11.2	11.3	99.1	101.8	93	99	93.9	95.9
A2	5.7	5.7	100.0	111.8	38.0	38.3	99.2	100.5	38.1	38.4	99.2	98.7					94	94	100.0	96.9
C2	6.4	5.7	112.3	125.5	37.7	37.6	100.3	99.7	38.3	38.5	99.5	99.2	10.7	10.8	99.1	97.3	91	92	98.9	93.8
E2	6.5	6.6	98.5	127.4	37.9	38.0	99.7	100.3	38.0	38.0	100.0	98.4	10.5	10.6	99.0	95.4	91	91	100.0	93.8
F2	4.2	3.9	107.7	82.4	36.9	37.1	99.5	97.6	38.3	38.7	99.0	99.2	10.5	10.7	98.1	95.4	97	103	94.2	100.0
G2	5.0	5.0	100.0	98.0	37.2	37.2	100.0	98.4	38.3	38.2	100.3	99.2	10.4	10.4	100.0	94.5	99	104	95.2	102.1
H2	4.8	4.8	100.0	94.1	37.1	37.3	99.5	98.1	38.3	38.5	99.5	99.2	11.2	11.3	99.1	101.8	92	93	98.9	94.8
K2		4.1				37.8				39.3				10.1				91		
M2	4.8	4.9	98.0	94.1	38.4	38.7	99.2	101.6	38.5	38.8	99.2	99.7	10.8	10.9	99.1	98.2	100	99	101.0	103.1
U2		5.2				37.5				38.6				11.0				103		
X2		5.5				38.2				38.3				11.8				101		
Z2		5.1				37.5				38.6				10.7				96		
A3	5.1	5.1	100.0	100.0	38.2	38.5	99.2	101.0	38.3	38.6	99.2	99.2	11.1	11.4	97.4	100.9	102	96	106.2	105.2
C3	5.0	5.1	98.0	98.0	38.0	37.8	100.5	100.5	39.1	38.9	100.5	101.3	11.7	11.5	101.7	106.4	99	95	104.2	102.1
E3	5.4	5.7	94.7	105.9	38.4	38.8	99.0	101.6	38.7	39.1	99.0	100.2	10.8	11.0	98.2	98.2	92	98	93.9	94.8
F3	4.0	4.8	83.3	78.4	36.8	37.0	99.4	97.4	38.3	38.2	100.3	99.2					101	110	91.8	104.1
FKBG DATA																				
CUR.																				
AV.	5.2				37.8				38.5				11.0				97			
CUM.																				
AV.	5.1				37.8				38.6				11.0				97			
IND.																				
*D	102.0				100.0				99.7				100.0				100.0			

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

TABLE X
AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 42 LB FOURDRINIER KRAFT LINERBOARD
OCTOBER, 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.	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	6.5	5.8	112.1	125.0	41.4	41.3	100.2	99.5	42.0	42.2	99.5	98.8	12.2	12.5	97.6	100.8	105	110	95.4	100.0	
B1		3.8				41.0				42.8				11.9			114				
C1	3.8	4.4	86.4	73.1	42.2	42.1	100.2	101.4	42.4	42.3	100.2	99.8	11.6	11.5	100.9	95.9	105	108	97.2	100.0	
E1	6.0	5.6	107.1	115.4	41.4	41.2	100.5	99.5	42.2	42.2	100.0	99.3	12.4	12.7	97.6	102.5	112	109	102.8	106.7	
F1	5.8	5.6	103.6	111.5	41.5	41.2	100.7	99.8	42.4	42.2	100.5	99.8	12.8	12.6	101.6	105.8	101	104	97.1	96.2	
H1		6.0				41.8				42.6				11.9			108				
I1	5.0	5.2	96.2	96.2	41.4	41.5	99.8	99.5	42.6	42.7	99.8	100.2	12.3	12.9	95.3	101.6	98	99	99.0	93.3	
K1	5.6	4.6	121.7	107.7	41.4	41.0	101.0	99.5	42.4	42.5	99.8	99.8	12.2	12.2	100.0	100.8	104	106	98.1	99.0	
L1	6.7	6.8	98.5	128.8	41.9	41.8	100.2	100.7	42.4	42.3	100.2	99.8	12.3	12.4	99.2	101.6	116	116	100.0	110.5	
M1	4.7	5.3	88.7	90.4	42.2	42.0	100.5	101.4	42.4	42.2	100.5	99.8	11.2	11.9	94.1	92.6	106	105	101.0	101.0	
N1	5.9	5.5	107.3	113.5	42.3	42.2	100.2	101.7	42.4	42.4	100.0	99.8	12.3	12.2	100.8	101.6	103	104	99.0	98.1	
O1	5.3	4.9	108.2	101.9	41.0	41.0	100.0	98.6	42.1	42.2	99.8	99.0	11.4	11.1	102.7	94.2	104	104	100.0	99.0	
P1	5.6	5.5	101.8	107.7	41.6	41.5	100.2	100.0	42.6	42.5	100.2	100.2	13.6	13.1	103.8	112.4	101	102	99.0	96.2	
Q1	5.1	5.3	96.2	98.1	41.6	41.7	99.8	100.0	42.8	42.8	100.0	100.7	11.7	11.5	101.7	96.7	106	106	100.0	101.0	
R1	3.5	3.3	106.1	67.3	41.3	41.2	100.2	99.3	43.2	43.2	100.0	101.6	12.2	12.2	100.0	100.8	108	107	100.9	102.8	
S1		4.3				42.2				42.3				12.8			107				
T1	3.4	3.5	97.1	65.4	40.6	40.8	99.5	97.6	42.5	42.7	99.5	100.0	11.1	11.2	99.1	91.7	105	103	101.9	100.0	
V1	5.2	5.2	100.0	100.0	41.3	41.5	99.5	99.3	42.5	42.7	99.5	100.0	12.0	12.3	97.6	99.2	112	107	104.7	106.7	
X1		6.2				42.0				42.1				11.5			103				
Y1	5.6	6.1	91.8	107.7	42.1	42.1	100.0	101.2	42.2	42.2	100.0	99.3	11.9	12.0	99.2	98.3	107	106	100.9	101.9	
Z1	3.5	5.8	60.3	67.3	41.2	41.2	100.0	99.0	43.1	42.0	102.6	101.4	12.2	12.0	101.7	100.8	107	109	98.2	101.9	
A2	5.7	5.8	98.3	109.6	42.0	42.0	100.0	101.0	42.1	42.1	100.0	99.0					100	102	98.0	95.2	
B2	5.9	5.4	109.2	113.5	41.8	41.4	101.0	100.5	42.7	42.4	100.7	100.5	12.3	11.9	103.4	101.6	102	103	99.0	97.1	
C2		4.8				41.4				42.7				12.1			104				
E2	6.8	6.7	101.5	130.8	41.8	42.0	99.5	100.5	41.9	42.0	99.8	98.6	11.5	11.7	98.3	95.0	101	103	98.0	96.2	
F2	4.3	4.4	97.7	82.7	41.0	41.2	99.5	98.6	42.6	42.8	99.5	100.2	12.2	12.0	101.7	100.8	107	111	96.4	101.9	
G2	5.1	5.0	102.0	98.1		41.1				42.4				11.6	11.6	100.0	95.9	110	113	97.3	104.8
H2	5.0	5.0	100.0	96.2	41.2	41.2	100.0	99.0	42.4	42.4	100.0	99.8	12.3	12.4	99.2	101.6	101	102	99.0	96.2	
I2		5.5				41.8				42.8				11.8			104				
K2	5.0	5.0	100.0	96.2	41.4	41.4	100.0	99.5	42.6	42.7	99.8	100.2	11.1	11.3	98.2	91.7	99	101	98.0	94.3	
L2		5.3				41.2				42.4				12.4			114				
M2	4.8	5.0	96.0	92.3	42.1	42.2	99.8	101.2	42.2	42.3	99.8	99.3	11.8	12.0	98.3	97.5	106	106	100.0	101.0	
N2		5.7				42.7				43.1				12.4			106				
O2	5.1	5.1	100.0	98.1	42.2	42.0	100.5	101.4	43.4	43.3	100.2	102.1	12.4	13.1	94.6	102.5	97	98	99.0	92.4	
R2	7.2	7.1	101.4	138.5	41.8	42.0	99.5	100.5	41.9	42.1	99.5	98.6	11.8	11.7	100.8	97.5	101	100	101.0	96.2	
S2		3.6				42.4				42.8				12.3			100				
T2		5.5				41.5				42.1				11.4			104				
U2	5.7	5.1	111.8	109.6	41.5	41.4	100.2	99.8	42.5	42.6	99.8	100.0	12.0	12.3	97.6	99.2	111	110	100.9	105.7	
W2	5.2	5.2	100.0	100.0	42.3	42.4	99.8	101.7	42.4	42.4	100.0	99.8	11.2	11.4	98.2	92.6	103	104	99.0	98.1	
X2	5.5	5.5	100.0	105.8	42.2	42.1	100.2	101.4	42.3	42.2	100.2	99.5	12.3	12.7	96.8	101.6	104	106	98.1	99.0	
Y2	6.1	5.7	107.0	117.3	41.6	41.5	100.2	100.0	42.3	42.5	99.5	99.5	12.5	12.3	101.6	103.3	104	104	100.0	99.0	
Z2	5.7	5.4	105.6	109.6	41.3	41.2	100.2	99.3	42.2	42.3	99.8	99.3	11.9	11.6	102.6	98.3	102	102	100.0	97.1	
A3	5.3	5.2	101.9	101.9	42.1	42.2	99.8	101.2	42.2	42.3	99.8	99.3	12.2	12.4	98.4	100.8	109	105	103.8	103.8	
B3		6.4				41.3				41.9				11.4			106				
D3	5.2	5.0	104.0	100.0	42.0	41.8	100.5	101.0	43.2	43.0	100.5	101.6	12.3	12.2	100.8	101.6	101	100	101.0	96.2	
E3	5.8	5.9	98.3	111.5	42.5	42.6	99.8	102.2	42.9	43.0	99.8	100.9	12.1	12.0	100.8	100.0	107	108	99.1	101.9	
F3	4.9	5.3	92.4	94.2	40.9	41.1	99.5	98.3	42.2	42.2	100.0	99.3		11.5			109	106	102.8	103.8	
G3		5.2				41.6				42.7				12.4			105				
H3		6.1				43.2				44.0				13.9			99				
FKBG DATA																					
CUR.																					
AV. 5.3																					
CUM.																					
AV. 5.2																					
IND.																					
*D 101.9																					
100.2																					
100.0																					
99.2																					
100.0																					
105																					
105																					
100.0																					

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
NOVEMBER, 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.	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	6.6	5.9	111.9	124.5	41.4	41.3	100.2	99.5	41.9	42.2	99.3	98.6	12.1	12.5	96.8	100.8	104	108	96.3	99.0
B1	4.5	3.9	115.4	84.9	41.2	41.1	100.2	99.0	42.7	42.8	99.8	100.5	11.9	11.8	100.8	99.2	117	115	101.7	111.4
C1	4.4	4.4	100.0	83.0	42.1	42.1	100.0	101.2	42.3	42.3	100.0	99.5	11.9	11.6	102.6	99.2	106	108	98.1	101.0
E1	6.0	5.7	105.3	113.2	41.6	41.2	101.0	100.0	42.4	42.1	100.7	99.8	13.0	12.6	103.2	108.3	106	110	96.4	101.0
F1	6.4	5.6	114.3	120.8	42.1	41.3	101.9	101.2	42.7	42.2	101.2	100.5	13.1	12.6	104.0	109.2	101	103	98.0	96.2
H1		6.0				41.8				42.6				11.9			108			
I1	5.0	5.1	98.0	94.3	41.4	41.5	99.8	99.5	42.6	42.7	99.8	100.2	12.2	12.9	94.6	101.7	99	99	100.0	94.3
K1	5.1	4.7	108.5	96.2	41.2	41.1	100.2	99.0	42.4	42.5	99.8	99.8	12.3	12.2	100.8	102.5	106	106	100.0	101.0
L1	6.5	6.8	95.6	122.6	41.7	41.8	99.8	100.2	42.3	42.3	100.0	99.5	12.3	12.4	99.2	102.5	120	116	103.4	114.3
M1	4.7	5.2	90.4	88.7	43.1	42.1	102.4	103.6	43.3	42.3	102.4	101.9	12.0	11.8	101.7	100.0	107	105	101.9	101.9
N1	6.0	5.6	107.1	113.2	42.0	42.2	99.5	101.0	42.1	42.4	99.3	99.0	12.1	12.2	99.2	100.8	103	103	100.0	94.1
O1	5.8	4.9	118.4	109.4	41.3	41.0	100.7	99.3	42.2	42.2	100.0	99.3	11.5	11.1	103.6	95.8	102	104	98.1	97.1
P1	5.6	5.5	101.8	105.7	41.5	41.5	100.0	99.8	42.5	42.5	100.0	100.0	13.5	13.1	103.0	112.5	101	102	99.0	96.2
Q1	5.0	5.3	94.3	94.3	41.5	41.7	99.5	99.8	42.7	42.8	99.8	100.5	11.5	11.5	100.0	95.8	106	106	100.0	101.0
R1	3.9	3.3	118.2	73.6	41.4	41.3	100.2	99.5	43.1	43.2	99.8	101.4	13.0	12.2	106.6	108.3	108	107	100.4	102.8
S1		4.4				42.2				42.4				12.8			106			
T1	3.9	3.6	108.3	73.6	40.7	40.8	99.8	97.8	42.4	42.7	99.3	99.8	10.8	11.2	96.4	90.0	102	103	99.0	97.1
V1	5.1	5.2	98.1	96.2	41.2	41.5	99.3	99.0	42.4	42.7	99.3	99.8	12.3	12.3	100.0	102.5	107	108	99.1	101.9
X1		6.2				42.0				42.1				11.5			103			
Y1	5.8	6.0	96.7	109.4	42.2	42.1	100.2	101.4	42.3	42.2	100.2	99.5	11.9	12.0	99.2	99.2	105	107	98.1	100.0
Z1	6.4	5.6	114.3	120.8	41.4	41.2	100.5	99.5	42.0	42.2	99.5	98.8	12.2	12.0	101.7	101.7	109	109	100.0	103.8
A2	5.7	5.7	100.0	107.5	42.3	42.0	100.7	101.7	42.4	42.1	100.7	99.8					102	102	100.0	97.1
B2	5.8	5.4	107.4	109.4	41.6	41.4	100.5	100.0	42.5	42.5	100.0	100.0	12.2	12.0	101.7	101.7	105	103	101.9	100.0
C2		4.8				41.3				42.6				11.8			102			
E2		6.7				41.9				42.0				11.6			103			
F2	4.5	4.4	102.3	84.9	40.9	41.2	99.3	98.3	42.4	42.7	99.3	99.8	12.1	12.0	100.8	100.8	109	111	98.2	103.8
G2	5.1	5.0	102.0	96.2	41.1	41.1	100.0	98.8	42.3	42.3	100.0	99.5	11.6	11.6	100.0	96.7	106	113	93.8	101.0
H2	5.0	5.0	100.0	94.3	41.2	41.2	100.0	99.0	42.4	42.4	100.0	99.8	12.0	12.4	96.8	100.0	101	101	100.0	96.2
I2	5.6	5.6	100.0	105.7	41.6	41.7	99.8	100.0	42.6	42.7	99.8	100.2	11.9	11.8	100.8	99.2	102	104	98.1	97.1
K2	4.7	5.0	94.0	88.7	41.5	41.4	100.2	99.8	42.9	42.7	100.5	100.9	11.2	11.3	99.1	93.3	100	100	100.0	95.2
L2	4.8	5.2	92.3	90.6	41.2	41.2	100.0	99.0	42.6	42.4	100.5	100.2	11.4	12.4	91.6	95.0	113	114	99.1	107.6
M2	5.1	5.0	102.0	96.2	42.2	42.2	100.0	101.4	42.3	42.3	100.0	99.5	11.5	11.9	96.6	95.8	105	106	99.0	100.0
N2		5.7				42.7				43.1				12.4			106			
O2	5.3	5.1	103.9	100.0	42.3	42.0	100.7	101.7	43.4	43.3	100.2	102.1	12.3	13.0	94.6	102.5	97	98	99.0	92.4
R2	7.3	7.1	102.8	137.7	41.9	42.0	99.8	100.7	42.0	42.0	100.0	98.8	11.6	11.8	98.3	96.7	101	100	101.0	96.2
S2		3.6				42.3				42.7				12.3			100			
T2		5.5				41.5				42.1				11.3			104			
U2	5.5	5.2	105.8	103.8	41.5	41.4	100.2	99.8	42.5	42.6	99.8	100.0	12.4	12.3	100.8	103.3	111	110	100.5	105.7
W2	5.3	5.2	101.9	100.0	42.4	42.4	100.0	101.9	42.5	42.4	100.2	100.0	11.5	11.4	100.9	95.8	103	104	99.0	98.1
X2	5.5	5.5	100.0	103.8	42.1	42.1	100.0	101.2	42.2	42.2	100.0	99.3	12.4	12.6	98.4	103.3	103	106	97.2	98.1
Y2	6.2	5.7	108.8	117.0	41.7	41.6	100.2	100.2	42.4	42.5	99.8	99.8	12.7	12.4	102.4	105.8	102	104	98.1	97.1
Z2	5.4	5.4	100.0	101.9	41.3	41.2	100.2	99.3	42.4	42.3	100.2	99.8	11.7	11.7	100.0	97.5	103	102	101.0	98.1
A3	5.1	5.2	98.1	96.2	42.1	42.2	99.8	101.2	42.2	42.3	99.8	99.3	12.4	12.4	100.0	103.3	106	105	101.0	101.0
B3		6.5				41.3				41.9				11.4			106			
D3	5.8	5.0	116.0	109.4	41.7	41.8	99.8	100.2	42.6	43.0	99.1	100.2	12.2	12.2	100.0	101.7	100	100	100.0	95.2
E3	5.8	5.9	98.3	109.4	42.5	42.6	99.8	102.2	42.9	43.0	99.8	100.9	12.0	12.0	100.0	100.0	109	108	100.9	103.8
F3	4.7	5.3	88.7	88.7	40.8	41.1	99.3	98.1	42.2	42.2	100.0	99.3		11.5			107	106	100.9	101.9
G3	5.4	5.2	103.8	101.9	41.5	41.6	99.8	99.8	42.6	42.8	99.5	100.2	12.5	12.5	100.0	104.2	104	105	99.0	99.0
H3		6.2				43.2				44.0				13.9			99			
FKHG DATA																				
CUR.																				
AV. 5.4																				
CUM.																				
AV. 5.3																				
IND.																				
*C 101.9																				
100.0																				
100.0																				
100.3																				
100.0																				

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

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

DECEMBER, 1970

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.	FACT.	IND.	AV.	CUM.	FACT.	IND.	AV.	CUM.	FACT.	IND.	AV.	CUM.	FACT.	IND.	AV.	CUM.	FACT.	IND.
A1	6.5	6.0	108.3	122.6	41.4	41.3	100.2	99.5	42.0	42.1	99.8	98.8	12.5	12.4	100.8	104.2	103	108	95.4	98.1
B1	3.3	4.0	82.5	62.3	40.9	41.1	99.5	98.3	42.9	42.8	100.2	100.9	11.7	11.7	100.0	97.5	115	115	100.0	109.5
C1	4.1	4.4	93.2	77.4	42.2	42.1	100.2	101.4	42.4	42.3	100.2	99.8	11.9	11.6	102.6	99.2	106	108	98.1	101.0
E1		5.8				41.2				42.2				12.6			110			
F1	5.9	5.6	105.4	111.3	42.0	41.4	101.4	101.0	42.9	42.3	101.4	100.9	13.0	12.6	103.2	108.3	102	103	99.0	97.1
H1	5.8	6.0	96.7	109.4	41.8	41.8	100.0	100.5	42.7	42.6	100.2	100.5	11.9	11.9	100.0	99.2	112	108	103.7	106.7
I1	4.9	5.0	98.0	92.4	41.4	41.5	99.8	99.5	42.7	42.7	100.0	100.5	12.4	12.8	96.9	103.3	97	99	98.0	92.4
K1	5.2	4.8	108.3	98.1	41.1	41.1	100.0	98.8	42.3	42.4	99.8	99.5	12.3	12.2	100.8	102.5	106	106	100.0	101.0
L1	6.6	6.7	98.5	124.5	41.8	41.8	100.0	100.5	42.3	42.3	100.0	99.5	12.5	12.4	100.8	104.2	118	117	100.8	112.4
M1	4.9	5.2	94.2	92.4	42.0	42.2	99.5	101.0	42.2	42.4	99.5	99.3	12.0	11.9	100.8	100.0	106	106	100.0	101.0
N1	5.6	5.6	100.0	105.7	42.1	42.2	99.8	101.2	42.2	42.3	99.8	99.3	11.9	12.2	97.5	99.2	104	103	101.0	99.0
O1	5.8	5.0	116.0	109.4	41.2	41.0	100.5	99.0	42.1	42.2	99.8	99.0	11.3	11.1	101.8	94.2	102	104	98.1	97.1
P1	5.6	5.5	101.8	105.7	41.5	41.5	100.0	99.8	42.5	42.5	100.0	100.0	13.1	13.1	100.0	109.2	102	102	100.0	97.1
Q1	5.1	5.3	96.2	96.2	41.9	41.7	100.5	100.7	43.1	42.8	100.7	101.4	11.5	11.5	100.0	95.8	108	106	101.9	102.8
R1		3.4				41.3				43.2				12.3			107			
S1	5.6	4.5	124.4	105.7	42.2	42.3	99.8	101.4	42.3	42.4	99.8	99.5	12.4	12.6	98.4	103.3	109	107	101.9	103.8
T1	5.0	3.6	138.9	94.3	41.1	40.8	100.7	98.8	42.3	42.7	99.1	99.5	11.1	11.1	100.0	92.5	102	103	99.0	97.1
V1	5.8	5.2	111.5	109.4	41.6	41.5	100.2	100.0	42.5	42.6	99.8	100.0	12.1	12.3	98.4	100.8	108	108	100.0	102.8
X1		6.1				42.0				42.1				11.5			103			
Y1	5.9	6.0	98.3	111.3	42.1	42.1	100.0	101.2	42.2	42.2	100.0	99.3	11.6	12.0	96.7	96.7	104	106	98.1	99.0
Z1	6.2	5.7	108.8	117.0	41.4	41.2	100.5	99.5	42.1	42.2	99.8	99.0	12.1	12.0	100.8	100.8	107	109	98.2	101.9
A2	5.7	5.7	100.0	107.5	42.1	42.0	100.2	101.2	42.2	42.2	100.0	99.3					101	102	99.0	96.2
B2	5.9	5.5	107.3	111.3	42.1	41.4	101.7	101.2	43.0	42.5	101.2	101.2	12.6	12.0	105.0	105.0	102	103	99.0	97.1
C2		4.8				41.3				42.6				11.8			102			
E2	6.5	6.6	98.5	122.6	42.0	41.9	100.2	101.0	42.1	42.0	100.2	99.0	12.0	11.6	103.4	100.0	100	103	97.1	95.2
F2	5.8	4.4	131.8	109.4	41.5	41.2	100.7	99.8	42.4	42.7	99.3	99.8	11.9	12.0	99.2	99.2	110	110	100.0	104.8
G2	5.1	5.0	102.0	96.2	41.0	41.1	99.8	98.6	42.2	42.3	99.8	99.3	11.7	11.5	101.7	97.5	106	112	94.6	101.0
H2	4.8	5.0	96.0	90.6	41.2	41.2	100.0	99.0	42.6	42.4	100.5	100.2	12.5	12.4	100.8	104.2	99	101	98.0	94.3
I2	5.7	5.6	101.8	107.5	41.4	41.6	99.5	99.5	42.4	42.6	99.5	99.8	11.9	11.9	100.0	99.2	100	102	98.0	95.2
K2	5.4	5.0	108.0	101.9	41.4	41.4	100.0	99.5	42.5	42.7	99.5	100.0	11.3	11.2	100.9	94.2	98	100	98.0	93.3
L2		5.2				41.2				42.4				12.3			114			
M2	4.9	5.0	98.0	92.4	42.2	42.2	100.0	101.4	42.3	42.2	100.2	99.5	11.4	11.9	95.8	95.0	107	106	100.9	101.9
N2		5.8				42.6				43.0				12.5			106			
O2	5.2	5.0	104.0	98.1	42.0	42.0	100.0	101.0	43.2	43.3	99.8	101.6	12.3	13.0	94.6	102.5	97	98	99.0	92.4
R2	7.3	7.1	102.8	137.7	42.0	41.9	100.2	101.0	42.1	42.0	100.2	99.0	11.8	11.8	100.0	98.3	100	100	100.0	95.2
S2		3.5				42.3				42.7				12.4			100			
T2		5.5				41.6				42.1				11.3			104			
U2	5.7	5.2	109.6	107.5	41.5	41.4	100.2	99.8	42.5	42.6	99.8	100.0	12.0	12.3	97.6	100.0	114	110	103.6	108.6
W2	5.4	5.2	103.8	101.9	42.3	42.4	99.8	101.7	42.4	42.5	99.8	99.8	11.4	11.3	100.9	95.0	102	104	98.1	97.1
X2	5.3	5.5	96.4	100.0	42.2	42.1	100.2	101.4	42.3	42.2	100.2	99.5	12.7	12.5	101.6	105.8	105	106	99.0	100.0
Y2	5.9	5.8	101.7	111.3	41.7	41.6	100.2	100.2	42.6	42.5	100.2	100.2	12.2	12.4	98.4	101.7	105	104	101.0	100.0
Z2	5.2	5.4	96.3	98.1	41.1	41.2	99.8	98.8	42.3	42.3	100.0	99.5	11.4	11.7	97.4	95.0	103	102	101.0	98.1
A3	5.2	5.2	100.0	98.1	42.2	42.2	100.0	101.4	42.3	42.3	100.0	99.5	12.5	12.4	100.8	104.2	105	105	100.0	100.0
B3		6.5				41.2				41.8				11.2			107			
D3	5.7	5.2	109.6	107.5	41.7	41.8	99.8	100.2	42.7	43.0	99.3	100.5	12.3	12.2	100.8	102.5	99	100	99.0	94.3
E3	5.6	5.8	96.6	105.7	42.4	42.6	99.5	101.9	42.8	43.0	99.5	100.7	12.1	12.0	100.8	100.8	108	108	100.0	102.8
F3	4.6	5.3	86.8	86.8	40.8	41.1	99.3	98.1	42.2	42.2	100.0	99.3		11.5			109	106	102.8	103.8
G3	5.6	5.4	103.7	105.7	41.4	41.5	99.8	99.5	42.4	42.6	99.5	99.8	12.2	12.5	97.6	101.7	103	104	99.0	98.1
H3		6.2				43.2				44.0				13.9			98			
FKBG DATA																				
CUR.																				
AV. 5.5																				
CUM.																				
AV. 5.3																				
IND.																				
*D 103.8																				
100.2																				
99.8																				
100.0																				
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

OCTOBER, 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.	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
B1	4.3	3.7	116.2	72.9	67.8	67.3	100.7	99.0	70.4	70.3	100.1	101.3	20.0	19.6	102.0	102.0	156	150	104.0	109.8
C1	4.4	5.3	83.0	74.6	69.2	69.1	100.1	101.0	69.5	69.4	100.1	100.0	18.1	18.8	96.3	92.3	142	140	101.4	100.0
F1	6.7	6.6	101.5	113.6	68.9	68.5	100.6	100.6	69.7	69.4	100.4	100.3	21.6	21.1	102.4	110.2	136	138	98.6	95.8
H1	5.5	6.2	88.7	93.2	69.6	69.1	100.7	101.6	71.3	70.3	101.4	102.6	19.0	19.6	96.9	96.9	139	142	97.9	97.9
K1	5.4	5.1	105.9	91.5	67.3	67.6	99.6	98.2	69.0	69.6	99.1	99.3	19.8	19.5	101.5	101.0	139	142	97.9	97.9
L1	7.2	7.0	102.8	122.0	69.1	68.9	100.3	100.9	69.6	69.5	100.1	100.1	20.2	20.1	100.5	103.1	147	146	100.7	103.5
M1	6.9	6.6	104.5	116.9	69.3	69.3	100.0	101.2	69.5	69.5	100.0	100.0	19.3	19.5	99.0	98.5	136	136	100.0	95.8
O1	6.1	5.4	113.0	103.4	67.9	67.5	100.6	99.1	69.1	69.3	99.7	99.4	19.4	18.7	103.7	99.0	138	140	98.6	97.2
Q1	7.2	7.2	100.0	122.0	68.3	68.5	99.7	99.7	68.8	68.9	99.8	99.0	19.0	19.0	100.0	96.9	148	150	98.7	104.2
R1	4.0	3.7	108.1	67.8	67.8	67.8	100.0	99.0	70.6	70.8	99.7	101.6	19.9	20.0	99.5	101.5	144	144	100.0	101.4
T1	6.1	6.2	98.4	103.4	68.2	68.5	99.6	99.6	69.4	69.7	99.6	99.8	18.2	18.4	98.9	92.8	142	142	100.0	100.0
Y1	6.8	6.7	101.5	115.2	68.9	69.0	99.8	100.6	69.1	69.2	99.8	99.4	19.5	19.2	101.6	99.5	147	149	98.6	103.5
Z1	6.6	6.3	104.8	111.9	68.3	68.0	100.4	99.7	69.2	69.1	100.1	99.6	20.5	19.8	103.5	104.6	156	147	106.1	109.8
A2	5.8	5.8	100.0	98.3	69.0	69.0	100.0	100.7	69.2	69.2	100.0	99.6					140	138	101.4	98.6
F2	5.2	5.4	96.3	88.1	67.6	67.9	99.6	98.7	69.5	69.6	99.8	100.0	19.8	19.9	99.5	101.0	141	144	97.9	99.3
G2		4.7				66.9				69.2				19.2				150		
I2		6.4				68.7				69.8				20.8				140		
K2	6.2	6.1	101.6	105.1	68.3	67.9	100.6	99.7	69.5	69.2	100.4	100.0	18.5	18.8	98.4	94.4	133	134	99.2	93.7
L2	5.8	5.6	103.6	98.3	68.0	67.9	100.1	99.3	69.5	69.6	99.8	100.0	20.1	19.9	101.0	102.6	144	146	98.6	101.4
M2	5.6	6.2	90.3	94.9	69.1	69.1	100.0	100.9	69.3	69.3	100.0	99.7	19.0	20.2	94.0	96.9	140	139	100.7	98.6
N2	6.3	6.2	101.6	106.8	69.7	69.9	99.7	101.8	70.3	70.5	99.7	101.2	20.1	20.7	97.1	102.6	142	142	100.0	100.0
O2	6.5	6.5	100.0	110.2	68.8	69.5	99.0	100.4	69.8	70.4	99.1	100.4	21.6	22.3	96.9	110.2	136	136	100.0	95.8
Q2	5.5	5.6	98.2	93.2	67.8	68.0	99.7	99.0	69.5	69.7	99.7	100.0	18.8	18.9	99.5	95.9	139	144	96.5	97.9
R2	8.2	8.0	102.5	139.0	68.8	68.9	99.8	100.4	69.0	69.1	99.8	99.3	19.9	20.2	98.5	101.5	136	135	100.7	95.8
S2		4.6				69.2				69.8				19.9				142		
T2		7.0				68.4				68.7				19.1				137		
U2	5.7	5.4	105.6	96.6	67.8	68.0	99.7	99.0	69.4	69.8	99.4	99.8	19.6	19.8	99.0	100.0	145	141	102.8	102.1
W2	5.5	5.4	101.8	93.2	69.2	69.2	100.0	101.0	69.4	69.4	100.0	99.8	17.6	17.9	98.3	89.8	138	141	97.9	97.2
X2	5.7	5.5	103.6	96.6	69.2	69.2	100.0	101.0	69.4	69.4	100.0	99.8	19.1	19.6	97.4	97.4	156	154	101.3	109.8
Y2	6.4	6.3	101.6	108.5	68.5	68.5	100.0	100.0	69.5	69.6	99.8	100.0	19.8	19.8	100.0	101.0	157	149	105.4	110.6
Z2	6.5	6.5	100.0	110.2	68.4	68.5	99.8	99.8	69.4	69.4	100.0	99.8	19.1	19.0	100.5	97.4	139	139	100.0	97.9
A3	5.7	5.6	101.8	96.6	69.3	69.2	100.1	101.2	69.5	69.4	100.1	100.0	19.9	20.0	99.5	101.5	144	144	100.0	101.4
B3		6.5				67.7				68.6				19.7				141		
D3	6.5	6.0	108.3	110.2	68.8	68.5	100.4	100.4	69.8	69.8	100.0	100.4	21.5	21.0	102.4	109.7	134	132	101.5	94.4
E3		6.1				69.8				70.4				20.1				146		
F3	4.5	5.1	88.2	76.3	67.0	67.3	99.6	97.8	69.4	69.3	100.1	99.8			19.2		142	138	102.9	100.0
G3		6.1				68.4				69.6				19.6				142		
H3		6.3				68.6				69.8				21.4				128		
FKBG DATA																				
CUR.																				
AV. 6.0																				
CUM.																				
AV. 5.9																				
IND.																				
*D 101.7																				

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

TABLE XIV
AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 69 LB FOURCRINIER KRAFT LINERBOARD
NOVEMBER, 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.	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
B1			3.8				67.4				70.3				19.7			151		
C1	4.9	5.2	94.2	83.0	69.0	69.1	99.8	100.7	69.3	69.4	99.8	99.7	18.3	18.7	97.9	93.4	144	141	102.1	101.4
F1	7.5	6.6	113.6	127.1	68.8	68.6	100.3	100.4	69.0	69.4	99.4	99.3	21.7	21.2	102.4	110.7	137	137	100.0	96.5
H1	6.5	6.1	106.6	110.2	69.1	69.2	99.8	100.9	70.1	70.4	99.6	100.9	19.4	19.6	99.0	99.0	139	142	97.9	97.9
K1	5.0	5.2	96.2	84.7	67.1	67.6	99.3	98.0	69.1	69.5	99.4	99.4	19.9	19.6	101.5	101.5	139	142	97.9	97.9
L1	7.0	7.1	98.6	118.6	69.0	69.0	100.0	100.7	69.6	69.6	100.0	100.1	19.6	20.1	97.5	100.0	148	146	101.4	104.2
N1	7.3	6.6	110.6	123.7	69.6	69.3	100.4	101.6	69.8	69.5	100.4	100.4	19.2	19.4	99.0	98.0	136	136	100.0	95.8
D1	5.8	5.4	107.4	98.3	67.8	67.6	100.3	99.0	69.3	69.3	100.0	99.7	19.0	18.8	101.1	96.9	137	140	97.8	96.5
Q1	7.0	7.2	97.2	118.6	68.3	68.5	99.7	99.7	68.9	68.9	100.0	99.1	18.9	19.0	99.5	96.4	150	149	100.7	105.6
R1	4.1	3.7	110.8	69.5	67.9	67.8	100.1	99.1	70.6	70.8	99.7	101.6	19.7	20.0	98.5	100.5	141	144	97.9	99.3
T1	6.2	6.3	98.4	105.1	68.2	68.5	99.6	99.6	69.4	69.6	99.7	99.8	18.5	18.4	100.5	94.4	144	142	101.4	101.4
Y1	6.4	6.7	95.5	108.5	69.0	69.0	100.0	100.7	69.2	69.2	100.0	99.6	19.1	19.3	99.0	97.4	149	148	100.7	104.9
Z1	6.1	6.3	96.8	103.4	68.0	68.0	100.0	99.3	69.2	69.1	100.1	99.6	20.1	19.9	101.0	102.6	152	148	102.7	107.0
A2	5.7	5.8	98.3	96.6	68.9	69.0	99.8	100.6	69.1	69.2	99.8	99.4					143	139	102.9	100.7
F2	5.4	5.4	100.0	91.5	67.8	67.8	100.0	99.0	69.6	69.6	100.0	100.1	19.8	19.9	99.5	101.0	141	143	98.6	99.3
G2		4.7				66.9				69.2				19.2				150		
I2		6.4				68.7				69.7				21.0				139		
K2	5.8	6.2	93.5	98.3	68.0	67.9	100.1	99.3	69.5	69.1	100.6	100.0	18.6	18.8	98.9	94.9	129	134	96.3	90.8
L2	5.7	5.6	101.8	96.6	67.8	67.9	99.8	99.0	69.4	69.5	99.8	99.8	20.0	20.0	100.0	102.0	150	146	102.7	105.6
M2	6.0	6.2	96.8	101.7	69.0	69.1	99.8	100.7	69.2	69.3	99.8	99.6	19.5	20.2	96.5	99.5	140	139	100.7	98.6
N2	6.2	6.2	100.0	105.1	69.6	69.8	99.7	101.6	70.2	70.4	99.7	101.0	20.3	20.6	98.5	103.6	143	142	100.7	100.7
O2	6.6	6.5	101.5	111.9	68.8	69.4	99.1	100.4	69.7	70.4	99.0	100.3	21.3	22.3	95.5	108.7	135	136	99.3	95.1
Q2	5.5	5.6	98.2	93.2	68.0	68.0	100.0	99.3	69.7	69.6	100.1	100.3	18.4	18.9	97.4	93.9	143	144	99.3	100.7
R2	8.2	8.0	102.5	139.0	68.8	68.9	99.8	100.4	69.0	69.1	99.8	99.3	20.1	20.2	99.5	102.6	134	135	99.2	94.4
S2		4.6				69.2				69.8				20.0				141		
T2		6.9				68.5				68.7				19.0				137		
U2	5.6	5.4	103.7	94.9	68.0	68.0	100.0	99.3	69.6	69.8	99.7	100.1	21.1	19.8	106.6	107.6	146	142	102.8	102.8
W2	5.5	5.4	101.8	93.2	69.2	69.2	100.0	101.0	69.4	69.4	100.0	99.8	17.9	17.8	100.6	91.3	141	141	100.0	99.3
X2	5.6	5.6	100.0	94.9	69.1	69.2	99.8	100.9	69.3	69.4	99.8	99.7	19.2	19.6	98.0	98.0	152	154	98.7	107.0
Y2	6.3	6.3	100.0	106.8	68.5	68.5	100.0	100.0	69.6	69.6	100.0	100.1	19.8	19.7	100.5	101.0	150	150	100.0	105.6
Z2	6.6	6.5	101.5	111.9	68.5	68.4	100.1	100.0	69.4	69.4	100.0	99.8	19.0	19.0	100.0	96.9	138	139	99.3	97.2
A3	5.7	5.6	101.8	96.6	69.1	69.2	99.8	100.9	69.3	69.4	99.8	99.7	19.8	20.0	99.0	101.0	143	144	99.3	100.7
B3		6.5				67.7				68.6				19.7				142		
D3	6.8	6.2	109.7	115.2	69.1	68.6	100.7	100.9	69.9	69.8	100.1	100.6	21.5	21.0	102.4	109.7	131	133	98.5	92.2
E3		6.1				69.8				70.4				20.1				146		
F3	4.4	5.1	86.3	74.6	66.8	67.3	99.2	97.5	69.3	69.3	100.0	99.7		19.2			141	139	101.4	99.3
G3	6.3			106.8	68.6				69.7			100.3	20.9			106.6	136			95.8
H3		6.3				68.6				69.8				21.4				128		
FKBG DATA																				
CUR.																				
AV. 6.0																				
CUM.																				
AV. 5.9																				
IND.																				
*D 101.7																				
100.0																				
100.0																				
100.5																				
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
DECEMBER, 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.	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	
B1	3.7	3.8	97.4	62.7	67.4	67.4	100.0	98.4	70.4	70.3	100.1	101.3	19.7	19.7	100.0	100.0	164	151	108.6	115.5	
C1	5.1	5.1	100.0	86.4	69.3	69.1	100.3	101.2	69.6	69.4	100.3	100.1	19.2	18.7	102.7	97.5	140	141	99.3	98.6	
F1	7.3	6.6	110.6	123.7	68.7	68.6	100.1	100.3	69.0	69.4	99.4	99.3	21.0	21.2	99.0	106.6	137	137	100.0	96.5	
H1	6.3	6.1	103.3	106.8	69.1	69.2	99.8	100.9	70.2	70.4	99.7	101.0	20.3	19.6	103.6	103.0	139	141	98.6	97.9	
K1	5.2	5.2	100.0	88.1	67.5	67.6	99.8	98.5	69.4	69.5	99.8	99.8	19.7	19.6	100.5	100.0	141	142	99.3	99.3	
L1	7.2	7.1	101.4	122.0	69.3	69.0	100.4	101.2	69.8	69.6	100.3	100.4	19.3	20.0	96.5	98.0	152	147	103.4	107.0	
N1	7.0	6.7	104.5	118.6	69.3	69.3	100.0	101.2	69.5	69.5	100.0	100.0	19.2	19.5	98.5	97.5	137	136	100.7	96.5	
U1	6.1	5.5	110.9	103.4	67.8	67.6	100.3	99.0	69.0	69.3	99.6	99.3	19.1	18.8	101.6	97.0	138	140	98.6	97.2	
Q1	7.0	7.2	97.2	118.6	68.5	68.5	100.0	100.0	69.1	68.9	100.3	99.4	18.8	19.0	98.9	95.4	144	148	97.3	101.4	
R1	3.7				67.8				70.8				20.0				144				
T1	6.3	6.4	98.4	106.8	68.2	68.5	99.6	99.6	69.3	69.6	99.6	99.7	18.2	18.4	98.9	92.4	136	142	95.8	95.8	
Y1	6.7	6.6	101.5	113.6	69.0	69.0	100.0	100.7	69.2	69.2	100.0	99.6	19.4	19.3	100.5	98.5	147	149	98.6	103.5	
Z1	6.3	6.3	100.0	106.8	68.2	68.0	100.3	99.6	69.3	69.1	100.3	99.7	20.0	20.0	100.0	101.5	147	147	100.0	103.5	
A2	5.7	5.8	98.3	96.6	68.9	69.0	99.8	100.6	69.1	69.2	99.8	99.4					139	140	99.3	97.9	
F2	5.4				67.9				69.6				19.9				143				
G2	4.7				66.9				69.2				19.2				150				
I2	6.8		115.2		68.4		99.8		69.2		99.6		20.1		102.0		134		94.4		
K2	6.6	6.2	106.4	111.9	67.9	67.9	100.0	99.1	68.8	69.1	99.6	99.0	19.1	18.8	101.6	97.0	129	133	97.0	90.8	
L2	5.8	5.6	103.6	98.3	68.4	67.9	100.7	99.3	69.9	69.5	100.6	100.6	20.2	20.0	101.0	102.5	145	146	99.3	102.1	
M2	5.8	6.2	93.5	98.3	69.1	69.1	100.0	100.9	69.3	69.3	100.0	99.7	19.6	20.2	97.0	99.5	146	139	105.0	102.8	
N2	5.7	6.2	91.9	96.6	69.6	69.8	99.7	101.6	70.2	70.4	99.7	101.0	20.2	20.6	98.0	102.5	141	142	99.3	99.3	
O2	6.5	6.5	100.0	110.2	68.9	69.4	99.3	100.6	69.9	70.3	99.4	100.6	21.0	22.2	94.6	106.6	135	136	99.3	95.1	
Q2	5.5	5.6	98.2	93.2	67.8	68.0	99.7	99.0	69.5	69.6	99.8	100.0	18.4	18.8	97.9	93.4	139	144	96.5	97.9	
R2	8.1	8.0	101.2	137.3	68.9	68.9	100.0	100.6	69.1	69.1	100.0	99.4	20.1	20.2	99.5	102.0	134	134	100.0	94.4	
S2	4.6				69.3				69.9				20.1				141				
T2	6.8				68.4				68.7				19.0				137				
U2	5.9	5.4	109.2	100.0	68.2	68.0	100.3	99.6	69.6	69.7	99.8	100.1	20.6	19.9	103.5	104.6	141	143	98.6	99.3	
W2	5.5	5.4	101.8	93.2	69.2	69.2	100.0	101.0	69.4	69.4	100.0	99.8	17.8	17.8	100.0	90.4	140	141	99.3	98.6	
X2	5.5	5.6	98.2	93.2	69.0	69.2	99.7	100.7	69.2	69.4	99.7	99.6	19.4	19.4	100.0	98.5	142	155	91.6	100.0	
Y2	6.4	6.3	101.6	108.5	68.5	68.5	100.0	100.0	69.5	69.6	99.8	100.0	19.6	19.7	99.5	99.5	152	151	100.7	107.0	
Z2	6.5	6.5	100.0	110.2	68.2	68.4	99.7	99.6	69.2	69.4	99.7	99.6	18.9	19.0	98.5	95.9	139	139	100.0	97.9	
A3	5.7	5.6	101.8	96.6	69.2	69.2	100.0	101.0	69.4	69.4	100.0	99.8	20.2	20.0	101.0	102.5	140	144	97.2	98.6	
B3	6.5				67.7				68.6				19.6				142				
D3	5.3	6.3	84.1	89.8	68.0	68.7	99.0	99.3	69.8	69.8	100.0	100.4	21.3	21.1	100.9	108.1	131	132	99.2	92.2	
E3	6.1				69.8				70.4				20.1				146				
F3	4.6	5.1	90.2	78.0	66.9	67.3	99.4	97.7	69.2	69.3	99.8	99.6	19.3				144	139	103.6	101.4	
G3	6.3				68.6				69.7				20.9				136				
H3	6.3				68.6				69.8				21.4				128				
FKBG DATA																					
CUR.																					
AV.		6.1					68.5					69.4					19.6				
CUM.																					
AV.		5.9					64.5					69.5					19.7				
IND.																					
*D 103.4																					

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
OCTOBER, 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.	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
B1	3.5	3.9	89.7	58.3	87.8	88.5	99.2	98.3	91.9	92.2	99.7	101.4	26.1	25.2	103.6	102.8	189	187	101.1	111.2
K1	5.3	5.6	94.6	88.3	87.7	88.5	99.1	98.2	90.1	90.6	99.4	99.4	25.5	25.4	100.4	100.4	164	166	98.8	96.5
L1	7.0	7.1	98.6	116.7	90.0	89.4	100.7	100.8	90.8	90.1	100.8	100.2	25.8	26.1	98.8	101.6	168	174	96.6	98.8
Q1	7.1	7.2	98.6	118.3	89.4	89.4	100.0	100.1	90.1	90.0	100.1	99.4	24.9	24.8	100.4	98.0	176	182	96.7	103.5
R1	3.5	3.7	94.6	58.3	88.1	88.6	99.4	98.6	92.2	92.5	99.7	101.8	25.8	26.1	98.8	101.6	179	178	100.6	109.3
T1	6.1	6.2	98.4	101.7	89.1	89.2	99.9	99.8	90.7	90.8	99.9	100.1	24.4	24.0	101.7	96.1	162	166	97.6	95.3
K2		6.2				88.1				89.6				25.1				161		
L2	6.1	5.7	107.0	101.7	89.1	89.3	99.8	99.8	90.7	91.3	99.3	100.1	27.1	26.5	102.3	106.7	163	168	97.0	95.9
M2	5.9	6.3	93.6	98.3	90.1	90.2	99.9	100.9	90.4	90.4	100.0	99.8	24.3	26.1	93.1	95.7	164	169	97.0	96.5
N2	6.6	6.4	103.1	110.0	90.9	91.0	99.9	101.8	91.7	91.8	99.9	101.2	26.8	27.3	98.2	105.5	172	169	101.8	101.2
Q2	6.6	6.4	103.1	110.0	89.6	89.3	100.3	100.3	90.8	90.7	100.1	100.2	24.9	24.7	100.8	98.0	164	162	101.2	96.5
W2	5.4	5.4	100.0	90.0	90.3	90.1	100.2	101.1	90.6	90.4	100.2	100.0	21.9	23.8	92.0	86.2	154	164	93.9	90.6
X2	5.8	5.8	100.0	96.7	90.2	89.9	100.3	101.0	90.5	90.2	100.3	99.9	24.9	25.0	99.6	98.0	178	184	96.7	104.7
Y2	6.4	6.6	97.0	106.7	89.4	89.8	99.6	100.1	90.7	91.0	99.7	100.1	26.2	26.1	100.4	103.1	171	171	100.0	100.6
Z2		6.8				89.2				90.2				24.9				170		
B3		6.5				88.5				89.8				26.1				182		
D3		5.8				89.4				91.4				26.9				162		
F3	4.8	5.0	96.0	80.0	87.5	87.7	99.8	98.0	90.4	90.3	100.1	99.8	25.5				165	158	104.4	97.0
FKBG DATA																				
CUR.																				
AV.	5.7				89.2				90.8				25.3				169			
CUM.																				
AV.	6.0				89.3				90.6				25.4				170			
IND.																				
*D	95.0				99.9				100.2				99.6				99.4			

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

NOVEMBER, 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.	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
B1	3.2	3.7	86.5	53.3	87.7	88.2	99.4	98.2	92.1	92.0	100.1	101.5	25.3	25.6	98.8	99.6	176	188	93.6	103.5
K1	5.6	5.6	100.0	93.3	88.8	88.4	100.4	99.4	90.9	90.6	100.3	100.2	25.5	25.4	100.4	100.4	165	166	99.4	97.0
L1	6.7	7.1	94.4	111.7	90.3	89.6	100.8	101.1	91.4	90.3	101.2	100.8	25.6	26.0	98.5	100.8	172	172	100.0	101.2
Q1	7.1	7.2	98.6	118.3	89.2	89.4	99.8	99.9	89.9	90.0	99.9	99.1	25.0	24.8	100.8	98.4	171	180	95.0	100.6
R1	4.4	3.6	122.2	73.3	88.9	88.5	100.4	99.6	92.2	92.5	99.7	101.6	26.7	26.0	102.7	105.1	173	179	96.6	101.8
T1	6.1	6.2	98.4	101.7	89.2	89.2	100.0	99.9	90.8	90.8	100.0	100.1	23.4	24.2	96.7	92.1	160	166	96.4	94.1
K2		6.1				88.1				89.7				25.1			160	160		
L2	6.2	5.8	106.9	103.3	88.9	89.3	99.6	99.6	90.4	91.3	99.0	99.7	26.7	26.6	100.4	105.1	164	168	97.6	96.5
M2	5.9	6.3	93.6	98.3	90.2	90.1	100.1	101.0	90.5	90.4	100.1	99.8	24.5	26.0	94.2	96.4	172	168	102.4	101.2
N2	6.3	6.4	98.4	105.0	90.7	91.0	99.7	101.6	91.5	91.8	99.7	100.9	27.7	27.3	101.5	105.0	169	170	99.4	99.4
Q2	6.6	6.4	103.1	110.0	89.3	89.3	100.0	100.0	90.5	90.6	99.9	99.8	23.6	24.7	95.5	92.9	164	162	101.2	96.5
W2	5.6	5.4	103.7	93.3	90.2	90.2	100.0	101.0	90.5	90.5	100.0	99.8	24.6	23.5	104.7	96.8	165	163	101.2	97.0
X2		5.8				89.9				90.2				25.0			184			
Y2	6.5	6.6	98.5	108.3	89.7	89.8	99.9	100.4	91.0	90.9	100.1	100.3	26.6	25.9	102.7	104.7	167	172	97.1	98.2
Z2	6.9	6.8	101.5	115.0	89.4	89.2	100.2	100.1	90.3	90.2	100.1	99.6	25.0	24.9	100.4	98.4	175	170	102.9	102.9
B3		6.4				88.5				89.8				26.1			183			
D3		5.8				89.6				91.5				26.6			160			
F3	5.0	5.0	100.0	83.3	87.7	87.7	100.0	98.2	90.3	90.3	100.0	99.6		25.6			159	159	100.0	93.5
FKBG DATA																				
CUR.																				
AV. 5.9																				
CUM.																				
AV. 6.0																				
IND.																				
*D 98.3																				
100.0																				
100.2																				
100.0																				
98.8																				

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

TABLE XVIII
AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 90 LB FOURDRINIER KRAFT LINERBOARD
DECEMBER, 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.	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
B1		3.5				88.0				92.1				25.5				184		
K1	5.4	5.6	96.4	90.0	88.7	88.5	100.2	99.3	91.0	90.6	100.4	100.3	25.5	25.4	100.4	100.4	165	165	100.0	97.6
L1	6.4	7.0	91.4	106.7	89.4	89.8	99.6	100.1	90.7	90.6	100.1	100.0	26.1	25.9	100.8	102.8	170	172	98.8	100.6
Q1	7.4	7.2	102.8	123.3	89.3	89.4	99.9	100.0	89.7	90.0	99.7	98.9	24.9	24.8	100.4	98.0	178	178	100.0	105.3
R1		3.5				88.5				92.5				26.1				178		
T1	6.1	6.2	98.4	101.7	89.5	89.2	100.3	100.2	91.1	90.8	100.3	100.4	23.8	24.2	98.3	93.7	161	165	97.6	95.3
K2		6.2				88.1				89.6				25.4				160		
L2	6.0	5.8	103.4	100.0	89.3	89.4	99.9	100.0	91.1	91.3	99.8	100.4	27.0	26.7	101.1	106.3	164	167	98.2	97.0
M2	5.7	6.3	90.5	95.0	90.0	90.1	99.9	100.8	90.3	90.4	99.9	99.6	25.5	25.9	98.4	100.4	172	168	102.4	101.8
N2	6.0	6.4	93.8	100.0	90.8	91.0	99.8	101.7	91.6	91.8	99.8	101.0	27.0	27.3	98.9	106.3	170	170	100.0	100.6
Q2	6.5	6.4	101.6	108.3	89.2	89.3	99.9	99.9	90.4	90.6	99.8	99.7	23.6	24.6	95.9	92.9	166	162	102.5	98.2
W2	5.5	5.4	101.8	91.7	90.2	90.2	100.0	101.0	90.5	90.5	100.0	99.8	24.9	23.6	105.5	98.0	163	163	100.0	96.4
X2	5.5	5.8	94.8	91.7	90.8	89.9	101.0	101.7	91.1	90.2	101.0	100.4	25.6	24.9	102.8	100.8	180	184	97.8	106.5
Y2		6.5				89.7				90.9				26.0				171		
Z2	6.3	6.8	92.6	105.0	88.9	89.2	99.7	99.6	90.3	90.2	100.1	99.6	24.2	25.0	96.8	95.3	175	171	102.3	103.6
B3		6.4				88.5				89.8				26.2				183		
D3		5.8				89.2				91.2				26.4				160		
F3	4.6	5.1	90.2	76.7	87.4	87.7	99.6	97.9	90.5	90.3	100.2	99.8		25.6			173	159	108.8	102.4
FKBG DATA																				
CUR.																				
AV. 6.0																				
CUM.																				
AV. 6.0																				
IND.																				
*D 100.0																				
100.1																				
100.0																				
99.6																				
100.6																				

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
OCTOBER, NOVEMBER, AND DECEMBER, 1978

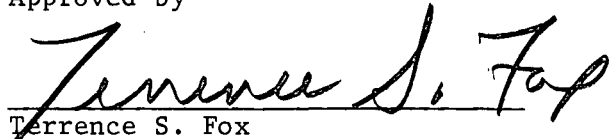
Code	Conditioning Environment				Testing Environment
	Are Quality Samples Conditioned Before Testing?	Time	Temp., °F	RH, %	Are Quality Samples Tested Under Controlled Conditions of Temperature & Humidity?
A1	No	--	--	--	No
B1	No	--	--	--	No
C1	No	--	--	--	Yes: 73 ± 3°F; 50 ± 2% RH
D1	Yes	10 min	--	--	Yes: 73 ± 2°F; 50 ± 2% RH
E1	No	--	--	--	No
F1	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH
G1	No	--	--	--	Yes: 73 ± 3.5°F; 50 ± 2% RH
H1	No	--	--	--	No
I1	No	--	--	--	Yes: 72 ± 3°F; 50 ± 2% RH
J1	Yes	10 min	--	--	Yes: 73 ± 2°F; 50 ± 2% RH
K1	No	--	--	--	No
L1	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH
M1	No	--	--	--	Yes: 73 ± 3°F; 50 ± 2% RH
N1	No	--	--	--	Yes: 72 ± 2°F; 50 ± 2% RH
O1	No	--	--	--	No
P1	No	--	--	--	No
Q1	No	--	--	--	No
R1	No	--	--	--	No
S1	Yes	15 min	--	--	Yes: 73 ± 3.5°F; 50 ± 3% RH
T1	No	--	--	--	Yes: 73 ± 3°F; 50 ± 3% RH
U1	No data submitted for this quarter				No
V1	No	--	--	--	
W1	No data submitted for this quarter				No
X1	No data submitted for this quarter	--	--	--	
Y1	No	--	--	--	No
Z1	Yes	15 min	--	--	Yes: 73 ± 2°F; 50 ± 1% RH
A2	No	--	--	--	No
B2	No	--	--	--	No
C2	No	--	--	--	No
D2	Insufficient tonnage for this quarter				
E2	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH
F2	No	--	--	--	Yes: 73 ± 3.5°F; 50 ± 2% RH
G2	No	--	--	--	No
H2	No	--	--	--	Yes: 73 ± 3°F; 50 ± 1% RH
I2	No	--	--	--	Yes: 73 ± 5°F; 50 ± 5% RH
J2	Insufficient tonnage for this quarter				
K2	No	--	--	--	No
L2	No	--	--	--	No
M2	No	--	--	--	Yes: 75 ± 5°F; 50 ± 5% RH
N2	No	--	--	--	No
O2	No	--	--	--	Yes: 72 ± 3°F; 50 ± 2% RH
P2	No data submitted for this quarter				No
Q2	No	--	--	--	
R2	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH
S2	No data submitted for this quarter				
T2	No data submitted for this quarter				Yes: 73 ± 3.5°F; 50 ± 2% RH
U2	No	--	--	--	
V2	No data submitted for this quarter				No
W2	No	--	--	--	
X2	No	--	--	--	No
Y2	No	--	--	--	No
Z2	No	--	--	--	Yes: 72 ± 2°F; 50 ± 1% RH
A3	No	--	--	--	Yes: 73 ± 3°F; 50 ± 2% RH
B3	No data submitted for this quarter				Yes: 73 ± 2°F; 50 ± 2% RH
C3	No	--	--	--	
D3	Yes	10 min	--	--	Yes: 73 ± 2°F; 50 ± 2% RH
E3	No	--	--	--	No
F3	No	--	--	--	No
G3	No	--	--	--	Yes: 73 ± 5°F; 50 ± 5% RH
H3	No data submitted for this quarter				

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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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