

Persimmon Creek

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 REC2 RELEASE DATED NOV 76 UPDATED AUG 77
 ERROR CORR - 01,02
 MODIFICATION - 50,51,52,53

C CUMBERLAND CO FIS
 T1 CUMBERLAND CO NL FIS WKB
 T2 10 YR NATURAL
 T3 PERSIMMON CR

J1	ICHECK	INW	NINW	IDTR	SIRI	PERTRC	RVIRS	U	WSEL	FG
	0.	2.	0.	0.	0.000000	0.00	0.0	0.	160.000	0.000
J2	NPROF	IPLUT	PREVS	XSECV	XSECF	FN	ALLUC	IBW	CHNIM	ITRACE
	1.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
J3	VARIABLE CODES FOR SUMMARY PERTRCUT									
	38.000	1.000	2.000	42.000	41.000	0.000	38.000	1.000	13.000	14.000
	15.000	55.000	26.000	56.000	0.000	38.000	1.000	53.000	21.000	22.000
	54.000	4.000	0.000	150.000	201.000	0.000	0.000	0.000	0.000	0.000
NC	0.110	0.110	0.050	0.200	0.400	0.000	0.000	0.000	0.000	0.000
GI	6.000	620.000	1160.000	1530.000	2330.000	1530.000	1530.000	0.000	0.000	0.000

*** TOPG SECTION TO LAKE

X1	1360.000	15.000	820.000	1120.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	170.000	700.000	160.000	620.000	155.500	855.000	150.000	905.000	150.000	990.000
GR	149.000	1000.000	155.000	1010.000	157.000	1020.000	157.500	1030.000	158.000	1160.000
GR	160.000	1180.000	160.000	1200.000	170.000	1260.000	0.000	0.000	0.000	0.000
X1	1361.000	0.000	0.000	0.000	1.000	1.000	1.000	0.000	0.000	0.000
X1	1363.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
X1	1365.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
X1	1370.000	0.000	0.000	0.000	5.000	5.000	5.000	0.000	0.000	0.000
X1	1380.000	0.000	0.000	0.000	10.000	10.000	10.000	0.000	0.000	0.000
X1	1400.000	0.000	0.000	0.000	20.000	20.000	20.000	0.000	0.000	0.000

0.000 0.000 0.000 100.000 100.000 100.000 0.000 0.300 0.000

*** TOPO SECTION IN LAKE

XI	2000.000	13.000	900.000	1210.000	500.000	500.000	500.000	0.000	0.000	0.000
GR	170.000	850.000	160.000	900.000	154.000	910.000	154.000	990.000	151.000	1000.000
GR	155.000	1020.000	156.000	1030.000	160.000	1210.000	162.000	1260.000	164.000	1290.000
GR	166.000	1300.000	168.000	1330.000	170.000	1340.000	0.000	0.000	0.000	0.000
NC	0.110	0.110	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

*** SECTION CFR-1 IN LAKE

XI	3000.000	16.000	1065.000	1271.000	1000.000	1000.000	1000.000	0.000	0.000	0.000
GR	174.900	1000.000	171.300	1037.000	163.600	1059.000	159.900	1065.000	159.200	1092.000
GR	158.700	1100.000	157.200	1150.000	157.200	1236.000	154.500	1243.000	157.100	1258.000
GR	159.100	1266.000	159.700	1271.000	162.700	1293.000	163.800	1300.000	172.500	1339.000
GR	175.100	1364.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NH	5.000	0.110	905.000	0.050	995.000	0.050	1010.000	0.050	1105.000	0.110
NH	1250.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

*** TOPO SECTION

XI	3570.000	17.000	995.000	1015.000	570.000	570.000	570.000	0.000	0.000	0.000
GR	170.000	800.000	168.000	810.000	168.000	840.000	159.000	905.000	158.700	995.000
GR	156.000	1000.000	158.700	1015.000	160.000	1023.000	160.000	1105.000	164.000	1140.000
GR	166.000	1200.000	168.000	1210.000	170.000	1250.000	0.000	0.000	0.000	0.000
NH	5.000	0.110	920.000	0.050	990.000	0.050	1010.000	0.050	1090.000	0.110
NH	1170.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

*** TOPO SECTION

XI	4500.000	18.000	990.000	1010.000	930.000	930.000	930.000	0.000	0.000	0.000
GR	180.000	850.000	172.000	720.000	170.000	850.000	168.000	880.000	168.000	900.000
GR	154.000	920.000	162.000	940.000	162.000	990.000	158.800	1000.000	162.000	1010.000
GR	162.000	1090.000	164.000	1100.000	168.000	1110.000	168.000	1115.000	170.000	1120.000
GR	170.000	1100.000	178.000	1160.000	180.000	1170.000	0.000	0.000	0.000	0.000
NH	5.000	0.110	940.000	0.050	990.000	0.050	1010.000	0.050	1045.000	0.110
NH	1110.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

*** TOPO SECTION

XI	5000.000	15.000	990.000	1010.000	540.000	540.000	540.000	0.000	0.000	0.000
GR	180.000	800.000	172.000	820.000	170.000	830.000	170.000	880.000	168.000	900.000
GR	168.000	940.000	164.000	970.000	164.000	990.000	160.000	1000.000	164.000	1010.000
GR	164.000	1040.000	168.000	1045.000	170.000	1060.000	178.000	1080.000	180.000	1110.000
QT	6.000	600.000	110.000	1440.000	2160.000	1440.000	1440.000	0.000	0.000	0.000
NC	0.110	0.110	0.050	0.000	0.000	0.000	0.000	0.000	0.000	0.000

*** SECTION CFR-2 W/EN-EFFECTIVE FLOW IN LCN

XI	5900.000	13.000	1223.000	1242.000	860.000	860.000	860.000	0.000	0.000	0.000
GR	180.000	1000.000	175.700	1058.000	171.900	1100.000	167.500	1200.000	166.900	1223.000
GR	163.300	1227.000	162.800	1252.000	164.300	1240.000	168.700	1242.000	173.700	1300.000
GR	174.300	1320.000	179.900	1332.000	183.400	1349.000	0.000	0.000	0.000	0.000
NH	3.000	0.110	1247.000	0.050	1276.000	0.110	1372.000	0.000	0.000	0.000

*** SECTION CFR-3

XI	7200.000	21.000	1247.000	1258.000	1340.000	1340.000	1340.000	0.000	0.000	0.000
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GR	170.000	1600.000	188.000	1016.000	183.400	1100.000	181.900	1122.000	175.400	1200.000
GR	170.000	1212.000	172.200	1230.000	171.800	1247.000	169.900	1249.000	169.600	1251.000
GR	170.100	1255.000	172.000	1258.000	171.700	1265.000	171.000	1268.000	171.100	1274.000
GR	172.500	1276.000	173.600	1300.000	176.000	1318.000	180.200	1331.000	185.300	1370.000
GR	191.100	1372.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.110	0.110	0.050	0.000	0.000	0.000	0.000	0.000	0.000	0.000

*** TOPD SECTION

X1	8000.000	17.000	995.000	1010.000	760.000	760.000	760.000	0.000	0.000	0.000
GR	190.000	780.000	168.000	800.000	180.000	835.000	170.000	860.000	170.000	980.000
GR	175.500	995.000	173.000	998.000	173.500	1000.000	173.900	1004.000	176.500	1010.000
GR	178.000	1040.000	180.000	1090.000	182.000	1110.000	184.000	1120.000	186.000	1160.000
GR	188.000	1200.000	190.000	1220.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.110	0.110	0.050	0.000	0.000	0.000	0.000	0.000	0.000	0.000
QT	6.000	570.000	1060.000	1400.000	2070.000	1400.000	1400.000	0.000	0.000	0.000

*** SECTION CPR-4

X1	8550.000	19.000	1215.000	1330.000	550.000	550.000	550.000	0.000	0.000	0.000
GR	200.000	1000.000	197.700	1025.000	190.300	1030.000	192.900	1100.000	184.700	1200.000
GR	183.000	1207.000	181.000	1257.000	179.900	1300.000	179.300	1319.000	176.500	1324.000
GR	176.100	1328.000	176.300	1334.000	179.400	1335.000	181.400	1400.000	182.600	1486.000
GR	188.800	1500.000	190.300	1544.000	194.100	1600.000	200.200	1700.000	0.000	0.000
NC	0.090	0.090	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	8630.000	20.000	1222.500	1333.500	550.000	550.000	550.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	1.000	0.000	0.000	180.800	180.800	0.000
GR	200.000	1000.000	197.700	1025.000	190.300	1030.000	192.900	1100.000	184.700	1200.000
GR	183.000	1207.000	181.000	1257.000	179.900	1300.000	179.300	1319.000	176.500	1322.500
GR	177.100	1322.500	177.100	1333.500	179.400	1333.500	179.400	1326.000	181.400	1400.000
GR	182.600	1486.000	182.600	1500.000	194.300	1544.000	194.100	1600.000	200.200	1700.000
SB	1.200	2.190	2.600	0.000	11.000	4.700	25.600	0.000	177.100	177.100

*** MORGANTHAU REAL ESTATE SECTION LER-5

X1	8670.000	0.000	0.000	0.000	40.000	40.000	40.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	181.100	183.800	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	183.800	183.800	0.000
BT	11.000	1070.000	195.000	0.000	1176.000	180.400	0.000	1270.000	184.400	0.000
BT	1322.500	103.800	0.000	1322.500	183.800	181.100	1333.500	183.800	181.100	1333.500
BT	183.800	0.000	1370.000	184.100	0.000	1070.000	180.800	0.000	1500.000	188.800
BT	0.000	1544.000	150.300	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.110	0.110	0.050	0.000	0.000	0.000	0.000	0.000	0.000	0.000

*** SECTION CPR-6 DEL-DAD -WASHER UNIT

X1	8710.000	24.000	1184.000	1204.000	40.000	40.000	40.000	0.000	0.000	0.000
GR	200.100	1000.000	180.600	1100.000	185.400	1110.000	184.400	1148.000	180.000	1155.000
GR	187.700	1172.000	179.300	1184.000	178.300	1166.000	176.600	1195.000	178.900	1200.000
GR	179.400	1204.000	187.000	1228.000	186.500	1300.000	186.500	1359.000	184.500	1374.000
GR	187.200	1387.000	187.400	1395.000	190.100	1400.000	188.700	1413.000	192.500	1449.000
GR	197.900	1467.000	197.300	1500.000	200.100	1576.000	200.800	1600.000	0.000	0.000

X1	8725.000	0.000	0.000	0.000	15.000	15.000	15.000	0.000	0.000	0.000
QT	6.000	530.000	570.000	1280.000	1900.000	1280.000	1280.000	0.000	0.000	0.000
NH	5.000	0.100	1159.000	0.000	1200.000	0.050	1231.000	0.080	1309.000	0.110
NH	1452.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

FORM 101

*** SECTION CPR-7

XI	10160.000	16.000	1200.000	1231.000	1435.000	1435.000	1435.000	0.000	0.000	0.000
GR	205.000	1000.000	192.400	1077.000	185.100	1100.000	180.500	1121.000	175.500	1135.000
GR	179.200	1139.000	178.900	1200.000	178.500	1209.000	177.300	1218.000	178.600	1228.000
GR	179.800	1231.000	180.000	1300.000	180.500	1309.000	182.700	1346.000	196.000	1400.000
GR	204.800	1452.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NH	5.000	0.110	940.000	0.090	991.000	0.050	1013.000	0.090	1120.000	0.110
NH	1220.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

*** 1000 SECTION

XI	10800.000	14.000	991.000	1013.000	640.000	640.000	640.000	0.000	0.000	0.000
GR	200.000	830.000	198.000	840.000	190.000	915.000	186.000	920.000	184.000	940.000
GR	181.400	982.000	181.000	991.000	179.200	1000.000	181.000	1010.000	182.300	1013.000
GR	184.000	1120.000	190.000	1160.000	198.000	1195.000	200.000	1220.000	0.000	0.000
NH	5.000	0.110	955.000	0.090	994.000	0.050	1020.000	0.090	1130.000	0.110
NH	1240.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

*** 1000 SECTION

XI	11530.000	22.000	994.000	1020.000	730.000	730.000	730.000	0.000	0.000	0.000
GR	200.000	845.000	198.000	870.000	194.000	890.000	192.000	905.000	190.000	910.000
GR	188.000	930.000	186.000	940.000	185.000	955.000	184.200	994.000	182.200	1000.000
GR	182.700	1008.000	182.400	1016.000	184.700	1020.000	184.800	1041.000	186.000	1130.000
GR	188.000	1147.000	190.000	1153.000	192.000	1170.000	194.000	1190.000	196.000	1205.000
GR	198.000	1220.000	200.000	1240.000	0.000	0.000	0.000	0.000	0.000	0.000
GT	6.000	150.000	850.000	1130.000	1680.000	1130.000	1130.000	0.000	0.000	0.000
NH	5.000	0.110	1315.000	0.090	1353.000	0.050	1377.000	0.090	1435.000	0.110
NH	1519.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

*** SECTION CPR-8

XI	12240.000	17.000	1353.000	1377.000	710.000	710.000	710.000	0.000	0.000	0.000
GR	209.200	1000.000	203.700	1100.000	200.400	1160.000	200.700	1185.000	196.800	1200.000
GR	188.900	1300.000	187.600	1315.000	187.400	1353.000	184.800	1359.000	185.300	1367.000
GR	185.000	1375.000	187.500	1377.000	187.400	1400.000	187.700	1435.000	188.600	1443.000
GR	207.500	1500.000	210.000	1519.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.110	0.110	0.050	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GT	6.000	400.000	780.000	1020.000	1496.000	1020.000	1020.000	0.000	0.000	0.000

*** SECTION CPR-9

XI	13810.000	17.000	1182.000	1182.000	1570.000	1570.000	1570.000	0.000	0.000	0.000
GR	215.100	1000.000	202.700	1079.000	202.700	1085.000	200.100	1100.000	191.700	1157.000
GR	190.100	1160.000	180.200	1171.000	187.100	1175.000	186.300	1180.000	191.400	1182.000
GR	191.800	1200.000	191.500	1220.000	208.700	1300.000	211.600	1316.000	212.000	1328.000
GR	215.100	1361.000	210.900	1372.000	0.000	0.000	0.000	0.000	0.000	0.000

XI	13960.000	0.000	0.000	0.000	150.000	150.000	150.000	0.000	0.200	0.000
EJ	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

 HEC2 RELEASE DATED NOV 76 UPDATED AUG 77
 ERROR CORN - 01,02
 MODIFICATION - 50,51,52,53

T1 CUMBERLAND CO NC EIS vbu
 T2 50 YR NATURAL
 T3 PERSIMMON CR

J1	ICHECK	IMP	ATAV	ITR	STRT	NETRIC	RVINS	G	RSEL	EV
	0.	3.	0.	0.	0.000000	0.00	0.0	0.	160.000	0.000
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIK	ITRACE
	2.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

 NECS RELEASE DATED NOV 76 UPDATED AUG 77
 ERROR CORR = 01,02
 MODIFICATION = 50,51,52,53

T1 CURBERLAND CO NC FIS WRU
 T2 100 YR NATURAL
 T3 PERSIMMON CR

T1	ICHECK	INQ	NINQ	IDIR	SIRI	MLTRIC	HVINS	L	WSEL	FD
	0.	4.	0.	0.	0.000000	0.00	0.0	0.	160.000	0.000
T2	NPROF	IPLDT	PREVS	XSECV	XSECH	FN	ALLOC	IBK	CHNIV	ITRACE
	3.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

 HEC2 RELEASE DATED NOV 76 UPDATED AUG 77
 ERROR CORR - 01,02
 MODIFICATION - 50,51,52,53

T1 CUMBERLAND CO NC FIS WEB
 T2 500 YR NATURAL
 T3 PERSIMMON CR

J1	ICHECK	IND	NIAV	IDIR	SIRI	PEIRIC	RVINS	G	WSEL	FK
	0.	5.	0.	0.	0.000000	0.00	0.0	0.	160.000	0.000
J2	APROF	IPLOT	PREVS	ASECV	XSECF	FA	ALLDC	IBN	CENIM	LIRACE
	15.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

 HEC2 RELEASE DATED NOV 76 UPDATED AUG 77
 ERROR CORR - 01,02
 MODIFICATION - 50,51,52,53

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

PERSIMMON CR

SUMMARY PRINTOUT

SECNO	CWSEL	LL	ELLEN	ELLC
1360.000	160.00	160.00	149.00	0.00
1360.000	160.00	160.01	149.00	0.00
1360.000	160.00	160.01	149.00	0.00
1360.000	160.00	160.02	149.00	0.00
1361.000	160.00	160.00	149.00	0.00
1361.000	160.00	160.01	149.00	0.00
1361.000	160.00	160.01	149.00	0.00
1361.000	160.00	160.02	149.00	0.00
1363.000	160.00	160.00	149.00	0.00
1363.000	160.00	160.01	149.00	0.00
1363.000	160.00	160.01	149.00	0.00
1363.000	160.00	160.02	149.00	0.00
1365.000	160.00	160.00	149.00	0.00
1365.000	160.00	160.01	149.00	0.00
1365.000	160.00	160.01	149.00	0.00
1365.000	160.00	160.02	149.00	0.00
1370.000	160.00	160.00	149.00	0.00
1370.000	160.00	160.01	149.00	0.00
1370.000	160.00	160.01	149.00	0.00
1370.000	160.00	160.03	149.00	0.00
1380.000	160.00	160.00	149.00	0.00
1380.000	160.00	160.01	149.00	0.00
1380.000	160.00	160.01	149.00	0.00
1380.000	160.00	160.03	149.00	0.00
1400.000	160.00	160.00	149.00	0.00
1400.000	160.00	160.01	149.00	0.00
1400.000	160.00	160.01	149.00	0.00
1400.000	160.00	160.03	149.00	0.00
1500.000	160.00	160.00	149.50	0.00
1500.000	160.00	160.01	149.50	0.00
1500.000	160.00	160.02	149.50	0.00
1500.000	160.01	160.04	149.50	0.00

SECNO	CWSEL	EG	ELMIN	ELLC
2000.000	160.00	160.01	151.00	0.00
2000.000	160.01	160.03	151.00	0.00
2000.000	160.03	160.05	151.00	0.00
2000.000	160.06	160.12	151.00	0.00
3000.000	160.05	160.07	154.50	0.00
3000.000	160.16	160.25	154.50	0.00
3000.000	160.28	160.42	154.50	0.00
3000.000	160.61	160.66	154.50	0.00
3570.000	160.47	160.68	156.00	0.00
3570.000	161.29	161.51	156.00	0.00
3570.000	161.78	162.00	156.00	0.00
3570.000	162.64	162.69	156.00	0.00
4500.000	164.05	164.13	158.80	0.00
4500.000	165.00	165.12	158.80	0.00
4500.000	165.50	165.64	158.80	0.00
4500.000	166.42	166.61	158.80	0.00
5040.000	165.85	166.16	160.00	0.00
5040.000	166.95	167.33	160.00	0.00
5040.000	167.53	167.96	160.00	0.00
5040.000	168.56	169.07	160.00	0.00
5900.000	169.55	169.82	162.60	0.00
5900.000	170.95	171.29	162.60	0.00
5900.000	171.66	172.03	162.60	0.00
5900.000	172.82	173.22	162.60	0.00
7240.000	174.61	174.80	169.60	0.00
7240.000	176.00	176.22	169.60	0.00
7240.000	176.72	176.96	169.60	0.00
7240.000	177.91	178.19	169.60	0.00
8000.000	176.31	176.50	173.50	0.00
8000.000	179.28	179.50	173.50	0.00
8000.000	179.84	180.03	173.50	0.00
8000.000	180.87	181.06	173.50	0.00
8550.000	181.33	181.67	176.10	0.00
8550.000	182.22	182.59	176.10	0.00
8550.000	182.68	183.06	176.10	0.00
8550.000	183.43	183.80	176.10	0.00
8630.000	181.87	182.09	177.10	0.00
8630.000	182.81	182.97	177.10	0.00
8630.000	183.28	183.44	177.10	0.00
8630.000	184.01	184.19	177.10	0.00
* 8670.000	185.08	185.06	177.10	181.10
* 8670.000	185.81	185.83	177.10	181.10
* 8670.000	186.19	186.21	177.10	181.10
* 8670.000	186.78	186.82	177.10	181.10

SECNO	CWSEL	EG	ELMIN	ELLC
8710.000	184.96	185.18	178.30	0.00
8710.000	185.49	186.08	178.30	0.00
8710.000	185.67	186.61	178.30	0.00
8710.000	185.77	187.73	178.30	0.00
8725.000	184.98	185.20	178.30	0.00
8725.000	185.57	186.14	178.30	0.00
8725.000	185.86	186.72	178.30	0.00
8725.000	187.20	186.07	178.30	0.00
10160.000	185.42	185.42	177.30	0.00
10160.000	186.58	186.59	177.30	0.00
10160.000	187.31	187.32	177.30	0.00
10160.000	188.74	188.75	177.30	0.00
10800.000	185.46	185.50	179.80	0.00
10800.000	186.67	186.71	179.80	0.00
10800.000	187.41	187.46	179.80	0.00
10800.000	188.85	188.91	179.80	0.00
11530.000	186.25	186.42	182.20	0.00
11530.000	187.45	187.57	182.20	0.00
11530.000	188.15	188.27	182.20	0.00
11530.000	189.49	189.59	182.20	0.00
12240.000	186.78	188.93	184.80	0.00
12240.000	189.54	189.70	184.80	0.00
12240.000	190.03	190.27	184.80	0.00
12240.000	190.95	191.21	184.80	0.00
13810.000	193.39	193.57	187.10	0.00
13810.000	194.79	195.00	187.10	0.00
13810.000	195.50	195.74	187.10	0.00
13810.000	196.49	196.79	187.10	0.00
13960.000	193.77	193.51	187.30	0.00
13960.000	195.19	195.37	187.30	0.00
13960.000	195.93	196.14	187.30	0.00
13960.000	196.98	197.24	187.30	0.00

PENNSYLVANIA CR

SUMMARY PRINTOUT

SECNO	CWSEL	GLCB	GCH	GRUB	VLOB	VCF	VRCB
1360.000	160.00	0.00	620.00	0.00	0.00	0.33	0.00
1360.000	160.00	0.00	1160.00	0.00	0.00	0.62	0.00
1360.000	160.00	0.00	1530.00	0.00	0.00	0.82	0.00
1360.000	160.00	0.00	2330.00	0.00	0.00	1.26	0.00
1361.000	160.00	0.00	620.00	0.00	0.00	0.33	0.00
1361.000	160.00	0.00	1160.00	0.00	0.00	0.62	0.00
1361.000	160.00	0.00	1530.00	0.00	0.00	0.82	0.00
1361.000	160.00	0.00	2330.00	0.00	0.00	1.26	0.00
1363.000	160.00	0.00	620.00	0.00	0.00	0.33	0.00
1363.000	160.00	0.00	1160.00	0.00	0.00	0.62	0.00
1363.000	160.00	0.00	1530.00	0.00	0.00	0.82	0.00
1363.000	160.00	0.00	2330.00	0.00	0.00	1.26	0.00
1365.000	160.00	0.00	620.00	0.00	0.00	0.33	0.00
1365.000	160.00	0.00	1160.00	0.00	0.00	0.62	0.00
1365.000	160.00	0.00	1530.00	0.00	0.00	0.82	0.00
1365.000	160.00	0.00	2330.00	0.00	0.00	1.26	0.00
1370.000	160.00	0.00	620.00	0.00	0.00	0.33	0.00
1370.000	160.00	0.00	1160.00	0.00	0.00	0.62	0.00
1370.000	160.00	0.00	1530.00	0.00	0.00	0.82	0.00
1370.000	160.00	0.00	2330.00	0.00	0.00	1.26	0.00
1380.000	160.00	0.00	620.00	0.00	0.00	0.33	0.00
1380.000	160.00	0.00	1160.00	0.00	0.00	0.62	0.00
1380.000	160.00	0.00	1530.00	0.00	0.00	0.82	0.00
1380.000	160.00	0.00	2330.00	0.00	0.00	1.25	0.00
1400.000	160.00	0.00	620.00	0.00	0.00	0.33	0.00
1400.000	160.00	0.00	1160.00	0.00	0.00	0.62	0.00
1400.000	160.00	0.00	1530.00	0.00	0.00	0.82	0.00
1400.000	160.00	0.00	2330.00	0.00	0.00	1.25	0.00
1500.000	160.00	0.00	620.00	0.00	0.00	0.33	0.00
1500.000	160.00	0.00	1160.00	0.00	0.00	0.66	0.00
1500.000	160.00	0.00	1530.00	0.00	0.00	0.87	0.00
1500.000	160.01	0.00	2330.00	0.00	0.00	1.33	0.00
2000.000	160.00	0.00	620.00	0.00	0.00	0.55	0.00
2000.000	160.01	0.00	1160.00	0.00	0.00	1.02	0.00
2000.000	160.03	0.00	1530.00	0.00	0.00	1.45	0.00
2000.000	160.06	0.00	2330.00	0.00	0.00	2.03	0.00
3000.000	160.05	0.00	619.96	0.04	0.00	1.51	0.06
3000.000	160.16	0.03	1159.84	0.13	0.11	2.34	0.17
3000.000	160.28	0.09	1529.61	0.30	0.16	2.96	0.24
3000.000	160.61	0.62	2328.14	1.24	0.34	4.02	0.41
3570.000	160.47	272.08	304.17	43.75	1.74	4.87	0.90
3570.000	161.24	531.09	434.32	194.59	2.16	5.51	1.51
3570.000	161.78	703.55	509.16	317.30	2.35	5.74	1.77
3570.000	162.64	1071.23	665.29	593.46	2.66	6.29	2.16

FORM 111

SECNO	CWSEL	WLOB	GCH	GR08	VLOB	VCF	VKCB
4500.000	164.05	152.15	245.41	222.44	1.23	3.36	1.28
4500.000	165.00	325.12	362.09	452.60	1.67	4.16	1.73
4500.000	165.50	448.25	469.74	612.01	1.90	4.61	1.97
4500.000	166.42	725.71	645.89	958.40	2.27	5.36	2.38
5040.000	165.85	101.02	408.61	110.36	1.61	5.41	1.85
5040.000	166.95	277.54	630.07	252.39	2.19	6.36	2.53
5040.000	167.53	414.46	765.41	350.13	2.43	6.92	2.84
5040.000	168.56	743.28	1028.46	558.26	2.63	7.63	3.34
5900.000	169.55	110.55	487.21	1.84	1.09	4.60	0.43
5900.000	170.95	326.55	747.71	25.76	1.47	5.65	0.87
5900.000	171.66	492.50	893.30	54.26	1.65	6.13	1.07
5900.000	172.82	892.35	1135.86	131.78	2.00	6.77	1.34
7240.000	174.61	99.33	222.78	277.89	1.46	4.75	2.86
7240.000	176.00	231.29	331.76	536.95	1.75	5.32	2.09
7240.000	176.72	329.69	398.38	712.53	1.89	5.67	3.27
7240.000	177.91	550.76	531.83	1077.41	2.14	6.38	3.66
8000.000	178.31	265.46	300.38	54.16	1.35	5.23	1.03
8000.000	179.28	578.71	413.50	167.72	1.72	5.76	1.33
8000.000	179.84	791.75	476.71	171.54	1.87	5.93	1.43
8000.000	180.87	1229.29	569.97	340.74	2.06	6.13	1.65
8550.000	181.33	100.23	410.59	59.17	1.12	5.47	0.99
8550.000	182.22	201.28	560.53	198.20	1.66	6.43	1.40
8550.000	182.68	407.96	675.24	317.30	1.85	6.69	1.55
8550.000	183.43	655.93	820.53	593.54	2.16	7.41	1.87
8630.000	181.87	194.13	248.78	127.06	1.32	4.74	1.17
8630.000	182.81	407.65	327.10	325.25	1.65	5.21	1.40
8630.000	183.28	548.60	372.28	479.21	1.82	5.47	1.57
8630.000	184.01	824.86	456.16	766.96	2.13	6.00	1.89
* 8670.000	185.08	229.81	102.67	237.52	0.44	1.17	0.41
* 8670.000	185.81	429.96	171.63	458.41	0.70	1.79	0.65
* 8670.000	186.19	569.61	216.34	614.05	0.85	2.16	0.80
* 8670.000	186.78	846.48	299.46	924.64	1.13	2.81	1.06
8710.000	184.96	23.13	500.11	46.75	0.79	4.00	1.01
8710.000	185.49	58.25	500.88	56.87	1.11	6.66	1.61
8710.000	185.67	87.29	1180.14	132.57	1.41	8.47	2.01
* 8710.000	185.77	137.94	1732.18	199.86	2.05	12.26	2.89
8725.000	184.96	23.33	499.73	46.93	0.76	3.98	1.00
8725.000	185.57	61.90	899.59	98.52	1.09	6.54	1.57
8725.000	185.86	59.63	1162.45	137.93	1.36	8.11	1.90
* 8725.000	187.20	260.24	1490.80	296.96	1.69	8.77	1.58
10160.000	185.42	193.65	151.41	184.74	0.36	0.68	0.32
10160.000	186.56	354.80	262.48	352.72	0.53	1.02	0.48
10160.000	187.31	468.34	337.11	474.54	0.63	1.20	0.58
10160.000	188.74	696.60	472.63	725.37	0.76	1.48	0.71

SECNO	CWSEL	GLOB	GCH	GRUB	VLOB	VCF	VHGB
10800.000	185.46	133.37	221.10	175.53	0.83	2.05	0.69
10800.000	186.67	250.15	339.04	380.80	1.07	2.53	0.95
10800.000	187.41	333.48	413.46	533.06	1.18	2.75	1.08
10800.000	188.85	505.09	545.81	849.10	1.31	3.00	1.23
11530.000	186.26	71.80	308.97	109.23	1.11	3.50	1.01
11530.000	187.45	180.51	462.38	327.10	1.35	3.84	1.32
11530.000	188.15	257.58	537.85	484.57	1.44	3.88	1.44
11530.000	189.49	418.64	673.38	807.98	1.52	3.88	1.59
12240.000	188.78	59.75	299.38	90.87	1.06	3.74	1.13
12240.000	189.54	156.21	469.83	223.96	1.57	4.77	1.69
12240.000	190.03	234.14	570.82	325.04	1.76	5.17	1.95
12240.000	190.95	399.25	755.73	525.02	2.01	5.55	2.25
13810.000	193.39	39.72	278.71	81.57	1.07	3.93	0.96
13810.000	194.79	102.54	428.02	229.44	1.36	4.73	1.41
13810.000	195.50	153.09	527.57	339.34	1.54	5.26	1.66
13810.000	196.49	251.91	696.74	541.35	1.81	6.10	2.03
13960.000	193.77	41.70	270.40	87.90	1.01	3.69	0.93
13960.000	195.19	105.80	417.66	236.53	1.30	4.46	1.36
13960.000	195.93	157.82	514.43	347.75	1.46	4.96	1.59
13960.000	196.98	259.87	677.97	552.15	1.71	5.73	1.93

PERSIMMON CR

SUMMARY PRINTOUT

SECNO	CWSEL	SSIA	STCHL	SICHR	ENDSI	TOTLID
1360.000	160.00	820.00	820.00	1180.00	1180.00	360.00
1360.000	160.00	820.00	820.00	1180.00	1180.00	360.00
1360.000	160.00	820.00	820.00	1180.00	1180.00	360.00
1360.000	160.00	820.00	820.00	1180.00	1180.00	360.00
1361.000	160.00	820.00	820.00	1180.00	1180.00	360.00
1361.000	160.00	820.00	820.00	1180.00	1180.00	360.00
1361.000	160.00	820.00	820.00	1180.00	1180.00	360.00
1361.000	160.00	820.00	820.00	1180.00	1180.00	360.00
1363.000	160.00	820.00	820.00	1180.00	1180.00	360.00
1363.000	160.00	820.00	820.00	1180.00	1180.00	360.00
1363.000	160.00	820.00	820.00	1180.00	1180.00	360.00
1363.000	160.00	820.00	820.00	1180.00	1180.00	360.00
1365.000	160.00	820.00	820.00	1180.00	1180.00	360.00
1365.000	160.00	820.00	820.00	1180.00	1180.00	360.00
1365.000	160.00	820.00	820.00	1180.00	1180.00	360.00
1365.000	160.00	820.00	820.00	1180.00	1180.00	360.00
1370.000	160.00	820.00	820.00	1180.00	1180.00	360.00
1370.000	160.00	820.00	820.00	1180.00	1180.00	360.00
1370.000	160.00	820.00	820.00	1180.00	1180.00	360.00
1370.000	160.00	819.99	820.00	1180.00	1180.00	360.00
1380.000	160.00	820.00	820.00	1180.00	1180.00	360.00
1380.000	160.00	820.00	820.00	1180.00	1180.00	360.00
1380.000	160.00	819.99	820.00	1180.00	1180.00	360.00
1380.000	160.00	819.98	820.00	1180.00	1180.00	360.00
1400.000	160.00	820.00	820.00	1180.00	1180.00	360.00
1400.000	160.00	819.99	820.00	1180.00	1180.00	360.00
1400.000	160.00	819.98	820.00	1180.00	1180.00	360.00
1400.000	160.00	819.96	820.00	1180.00	1180.00	360.00
1500.000	160.00	822.33	820.00	1180.00	1177.01	354.68
1500.000	160.00	822.31	820.00	1180.00	1177.03	354.71
1500.000	160.00	822.30	820.00	1180.00	1177.04	354.74
1500.000	160.01	822.25	820.00	1180.00	1177.10	354.85
2000.000	160.00	899.98	900.00	1210.00	1210.09	310.10
2000.000	160.01	899.94	900.00	1210.00	1210.30	310.30
2000.000	160.03	899.89	900.00	1210.00	1210.55	310.63
2000.000	160.06	899.73	900.00	1210.00	1211.36	311.83
3000.000	160.05	1083.96	1085.00	1271.00	1273.55	189.59
3000.000	160.16	1083.14	1085.00	1271.00	1274.41	191.27
3000.000	160.28	1082.32	1085.00	1271.00	1275.27	192.95
3000.000	160.61	1079.98	1085.00	1271.00	1277.71	197.73
3570.000	160.47	891.32	995.00	1015.00	1109.14	217.83
3570.000	161.29	883.73	995.00	1015.00	1116.36	232.57
3570.000	161.78	879.15	995.00	1015.00	1120.60	241.45
3570.000	162.64	871.24	995.00	1015.00	1128.07	256.83

SECNO	CWSEL	SSIA	STCHL	SICHR	ENDSI	TUPWID
4500.000	164.05	919.51	990.00	1010.00	1100.24	180.73
4500.000	165.00	910.06	990.00	1010.00	1104.97	194.91
4500.000	165.50	905.03	990.00	1010.00	1107.49	202.46
4500.000	166.42	895.75	990.00	1010.00	1111.06	215.31
5040.000	165.85	942.24	990.00	1010.00	1044.63	102.38
5040.000	166.95	921.01	990.00	1010.00	1048.56	127.55
5040.000	167.53	909.31	990.00	1010.00	1050.75	141.44
5040.000	168.56	894.35	990.00	1010.00	1054.62	160.26
5900.000	169.55	1153.28	1223.00	1242.00	1251.93	98.65
5900.000	170.95	1121.53	1223.00	1242.00	1268.13	146.60
5900.000	171.66	1105.46	1223.00	1242.00	1276.33	170.67
5900.000	172.82	1084.81	1223.00	1242.00	1289.81	200.00
7240.000	174.61	1209.51	1247.00	1258.00	1307.56	98.05
7240.000	176.00	1192.73	1247.00	1258.00	1318.02	125.28
7240.000	176.72	1184.68	1247.00	1258.00	1320.25	136.17
7240.000	177.91	1169.84	1247.00	1258.00	1323.92	154.09
8000.000	178.31	856.05	995.00	1010.00	1047.90	191.84
8000.000	179.28	844.08	995.00	1010.00	1071.83	227.75
8000.000	179.84	837.02	995.00	1010.00	1085.97	248.55
8000.000	180.87	831.16	995.00	1010.00	1098.77	267.61
8550.000	181.33	1231.97	1319.00	1336.00	1397.94	165.97
8550.000	182.22	1218.56	1319.00	1336.00	1459.45	240.90
8550.000	182.85	1211.82	1319.00	1336.00	1486.18	274.36
8550.000	183.43	1205.24	1319.00	1336.00	1467.87	282.83
8630.000	181.87	1223.94	1322.50	1333.50	1433.73	209.79
8630.000	182.81	1209.84	1322.50	1333.50	1466.48	276.64
8630.000	183.28	1205.84	1322.50	1333.50	1487.54	281.71
8630.000	184.01	1202.82	1322.50	1333.50	1485.19	286.37
* 8670.000	185.06	1195.34	1322.50	1333.50	1491.60	296.26
* 8670.000	185.81	1188.35	1322.50	1333.50	1493.27	306.92
* 8670.000	186.19	1181.60	1322.50	1333.50	1494.11	312.31
* 8670.000	186.78	1174.82	1322.50	1333.50	1495.44	326.83
8710.000	184.96	1126.80	1184.00	1204.00	1376.21	73.63
8710.000	185.49	1109.20	1184.00	1204.00	1378.76	102.26
8710.000	185.87	1107.77	1184.00	1204.00	1379.62	107.60
* 8710.000	185.77	1106.95	1184.00	1204.00	1380.09	110.47
8725.000	184.95	1126.06	1184.00	1204.00	1376.30	74.75
8725.000	185.57	1108.55	1184.00	1204.00	1379.17	104.85
8725.000	185.86	1106.12	1184.00	1204.00	1380.56	113.42
* 8725.000	187.20	1095.59	1184.00	1204.00	1386.98	257.91
10160.000	185.42	1099.00	1200.00	1231.00	1355.59	258.59
10160.000	186.56	1095.30	1200.00	1231.00	1359.73	264.43
10160.000	187.31	1093.04	1200.00	1231.00	1362.27	269.23
10160.000	188.74	1088.54	1200.00	1231.00	1367.31	278.77

FORM 6411

SECNO	CWSEL	SSTA	STCHL	STCHR	ENDSI	TOPWID
10800.000	185.46	932.68	991.00	1013.00	1129.76	197.08
10800.000	186.67	926.66	991.00	1013.00	1137.78	211.12
10800.000	187.41	922.96	991.00	1013.00	1142.72	219.77
10800.000	188.85	917.87	991.00	1013.00	1152.34	234.47
11530.000	186.26	938.72	994.00	1020.00	1132.16	193.46
11530.000	187.45	932.76	994.00	1020.00	1142.31	209.54
11530.000	188.15	928.47	994.00	1020.00	1147.46	218.59
11530.000	189.49	915.13	994.00	1020.00	1151.46	238.23
12240.000	188.78	1301.44	1353.00	1377.00	1443.53	142.09
12240.000	189.50	1291.86	1353.00	1377.00	1445.84	153.59
12240.000	190.03	1285.65	1353.00	1377.00	1447.32	161.68
12240.000	190.95	1273.56	1353.00	1377.00	1450.11	176.15
13810.000	193.39	1145.50	1168.00	1182.00	1234.15	88.64
13810.000	194.79	1136.01	1168.00	1182.00	1240.17	104.15
13810.000	195.50	1131.22	1168.00	1182.00	1243.21	111.99
13810.000	196.49	1124.55	1168.00	1182.00	1247.43	122.86
13960.000	193.77	1144.33	1168.00	1182.00	1234.89	90.57
13960.000	195.19	1134.70	1168.00	1182.00	1241.00	106.29
13960.000	195.93	1129.60	1168.00	1182.00	1244.20	114.54
13960.000	196.98	1122.59	1168.00	1182.00	1248.71	128.17

SECNO	XLCH	ELIAD	ELLC	ELMIR	G	CNSL	CHRS	EG	10KAS	VCH	AREA	.01K
1360.000	0.00	0.00	0.00	149.00	620.00	160.00	0.00	160.00	0.05	0.33	1856.25	2731.20
1360.000	0.00	0.00	0.00	149.00	1160.00	160.00	0.00	160.01	0.18	0.62	1856.25	2731.20
1360.000	0.00	0.00	0.00	149.00	1530.00	160.00	0.00	160.01	0.31	0.82	1856.25	2731.20
1360.000	0.00	0.00	0.00	149.00	2330.00	160.00	0.00	160.02	0.73	1.26	1856.25	2731.20
1361.000	1.00	0.00	0.00	149.00	620.00	160.00	0.00	160.00	0.05	0.33	1856.25	2730.70
1361.000	1.00	0.00	0.00	149.00	1160.00	160.00	0.00	160.01	0.18	0.62	1856.26	2730.71
1361.000	1.00	0.00	0.00	149.00	1530.00	160.00	0.00	160.01	0.31	0.82	1856.26	2730.72
1361.000	1.00	0.00	0.00	149.00	2330.00	160.00	0.00	160.02	0.73	1.26	1856.28	2730.76
1363.000	2.00	0.00	0.00	149.00	620.00	160.00	0.00	160.00	0.05	0.33	1856.26	2730.71
1363.000	2.00	0.00	0.00	149.00	1160.00	160.00	0.00	160.01	0.18	0.62	1856.27	2730.74
1363.000	2.00	0.00	0.00	149.00	1530.00	160.00	0.00	160.01	0.31	0.82	1856.28	2730.78
1363.000	2.00	0.00	0.00	149.00	2330.00	160.00	0.00	160.02	0.73	1.26	1856.33	2731.39
1365.000	2.00	0.00	0.00	149.00	620.00	160.00	0.00	160.00	0.05	0.33	1856.26	2730.72
1365.000	2.00	0.00	0.00	149.00	1160.00	160.00	0.00	160.01	0.18	0.62	1856.28	2730.78
1365.000	2.00	0.00	0.00	149.00	1530.00	160.00	0.00	160.01	0.31	0.82	1856.31	2731.34
1365.000	2.00	0.00	0.00	149.00	2330.00	160.00	0.00	160.02	0.73	1.26	1856.38	2731.52
1370.000	5.00	0.00	0.00	149.00	620.00	160.00	0.00	160.00	0.05	0.33	1856.27	2730.74
1370.000	5.00	0.00	0.00	149.00	1160.00	160.00	0.00	160.01	0.18	0.62	1856.32	2731.36
1370.000	5.00	0.00	0.00	149.00	1530.00	160.00	0.00	160.01	0.31	0.82	1856.36	2731.48
1370.000	5.00	0.00	0.00	149.00	2330.00	160.00	0.00	160.03	0.73	1.26	1856.51	2731.84
1380.000	10.00	0.00	0.00	149.00	620.00	160.00	0.00	160.00	0.05	0.33	1856.29	2731.29
1380.000	10.00	0.00	0.00	149.00	1160.00	160.00	0.00	160.01	0.18	0.62	1856.38	2731.52
1380.000	10.00	0.00	0.00	149.00	1530.00	160.00	0.00	160.01	0.31	0.82	1856.48	2731.75
1380.000	10.00	0.00	0.00	149.00	2330.00	160.00	0.00	160.03	0.73	1.25	1856.78	2732.49
1400.000	20.00	0.00	0.00	149.00	620.00	160.00	0.00	160.00	0.05	0.33	1856.32	2731.38
1400.000	20.00	0.00	0.00	149.00	1160.00	160.00	0.00	160.01	0.18	0.62	1856.51	2731.84
1400.000	20.00	0.00	0.00	149.00	1530.00	160.00	0.00	160.01	0.31	0.82	1856.70	2732.31
1400.000	20.00	0.00	0.00	149.00	2330.00	160.00	0.00	160.03	0.73	1.25	1857.30	2733.78
1500.000	100.00	0.00	0.00	149.30	620.00	160.00	0.00	160.00	0.06	0.35	1749.31	2498.67
1500.000	100.00	0.00	0.00	149.30	1160.00	160.00	0.00	160.01	0.22	0.66	1749.95	2500.04
1500.000	100.00	0.00	0.00	149.30	1530.00	160.00	0.00	160.02	0.37	0.87	1750.61	2501.47
1500.000	100.00	0.00	0.00	149.30	2330.00	160.01	0.00	160.04	0.86	1.33	1752.67	2505.89
2000.000	500.00	0.00	0.00	151.00	620.00	160.00	0.00	160.01	0.22	0.55	1131.07	1320.53
2000.000	500.00	0.00	0.00	151.00	1160.00	160.01	0.00	160.03	0.77	1.02	1133.76	1325.76
2000.000	500.00	0.00	0.00	151.00	1530.00	160.03	0.00	160.05	1.32	1.35	1136.54	1331.17
2000.000	500.00	0.00	0.00	151.00	2330.00	160.06	0.00	160.12	2.97	2.03	1146.92	1351.42
3000.000	1000.00	0.00	0.00	154.50	620.00	160.05	0.00	160.07	3.59	1.31	474.51	327.28
3000.000	1000.00	0.00	0.00	154.50	1160.00	160.16	0.00	160.25	10.81	2.34	496.80	352.76
3000.000	1000.00	0.00	0.00	154.50	1530.00	160.28	0.00	160.42	16.29	2.96	519.32	379.03
3000.000	1000.00	0.00	0.00	154.50	2330.00	160.61	0.00	160.86	25.92	4.02	584.23	457.68
3570.000	570.00	0.00	0.00	156.00	620.00	160.47	0.00	160.68	62.42	4.87	267.50	78.48
3570.000	570.00	0.00	0.00	156.00	1160.00	161.29	0.00	161.51	58.64	5.51	451.55	151.48
3570.000	570.00	0.00	0.00	156.00	1530.00	161.78	0.00	162.00	54.44	5.74	568.25	207.37
3570.000	570.00	0.00	0.00	156.00	2330.00	162.64	0.00	162.89	51.70	6.29	780.72	324.05

11/19/80

SECNO	XLCH	ELTRD	ELLC	ELMIN	G	CRSEL	CRIAS	EG	ICR*5	VCH	AREA	.01K
4500.000	930.00	0.00	0.00	158.80	620.00	164.65	0.00	164.13	24.32	3.36	370.84	125.73
4500.000	930.00	0.00	0.00	158.80	1160.00	165.00	0.00	165.12	27.36	4.16	548.32	221.78
4500.000	930.00	0.00	0.00	158.80	1530.00	165.50	0.00	165.64	29.24	4.61	648.32	282.95
4500.000	930.00	0.00	0.00	158.80	2330.00	166.42	0.00	166.61	31.66	5.36	842.33	414.09
5040.000	540.00	0.00	0.00	160.00	620.00	165.85	0.00	166.16	28.31	5.31	199.49	81.20
5040.000	540.00	0.00	0.00	160.00	1160.00	166.55	0.00	167.33	60.02	6.36	325.41	149.73
5040.000	540.00	0.00	0.00	160.00	1530.00	167.53	0.00	167.96	61.65	6.92	404.06	195.82
5040.000	540.00	0.00	0.00	160.00	2330.00	168.56	0.00	169.07	62.39	7.83	560.80	294.99
5900.000	860.00	0.00	0.00	162.60	600.00	169.55	0.00	169.82	32.17	4.60	212.27	105.78
5900.000	860.00	0.00	0.00	162.60	1100.00	171.55	0.00	171.29	35.94	5.65	383.57	183.49
5900.000	860.00	0.00	0.00	162.60	1440.00	171.66	0.00	172.03	37.17	6.13	495.77	236.20
5900.000	860.00	0.00	0.00	162.60	2160.00	172.82	0.00	173.22	37.55	6.77	712.57	352.48
7240.000	1340.00	0.00	0.00	169.60	600.00	174.61	0.00	174.80	43.07	4.75	212.29	91.43
7240.000	1340.00	0.00	0.00	169.60	1100.00	176.00	0.00	176.22	37.14	5.32	368.39	160.50
7240.000	1340.00	0.00	0.00	169.60	1440.00	176.72	0.00	176.96	35.91	5.67	462.71	240.30
7240.000	1340.00	0.00	0.00	169.60	2160.00	177.91	0.00	178.19	36.26	6.38	634.92	358.71
8000.000	760.00	0.00	0.00	173.50	600.00	178.51	0.00	178.54	56.30	5.23	287.72	79.96
8000.000	760.00	0.00	0.00	173.50	1100.00	179.28	0.00	179.50	56.73	5.76	488.61	154.44
8000.000	760.00	0.00	0.00	173.50	1440.00	179.84	0.00	180.05	46.48	5.93	623.37	211.21
8000.000	760.00	0.00	0.00	173.50	2160.00	180.67	0.00	181.08	39.43	6.15	893.22	343.96
8550.000	550.00	0.00	0.00	176.10	570.00	181.33	0.00	181.67	55.83	5.47	224.65	76.29
8550.000	550.00	0.00	0.00	176.10	1060.00	182.62	0.00	182.59	60.38	6.43	405.47	136.42
8550.000	550.00	0.00	0.00	176.10	1400.00	182.66	0.00	183.06	62.32	6.69	522.18	177.34
8550.000	550.00	0.00	0.00	176.10	2070.00	183.43	0.00	183.80	61.23	7.41	731.53	264.54
8630.000	80.00	0.00	0.00	177.10	570.00	181.67	0.00	182.04	32.03	4.74	308.04	100.71
8630.000	80.00	0.00	0.00	177.10	1060.00	182.91	0.00	182.97	30.40	5.21	542.03	192.25
8630.000	80.00	0.00	0.00	177.10	1400.00	183.28	0.00	183.44	30.21	5.47	674.10	254.73
8630.000	80.00	0.00	0.00	177.10	2070.00	184.61	0.00	184.19	31.25	6.00	882.01	370.31
* 8670.000	40.00	183.80	181.10	177.10	570.00	185.00	0.00	185.08	0.98	1.17	1191.76	575.46
* 8670.000	40.00	183.80	181.10	177.10	1060.00	185.81	0.00	185.63	2.04	1.79	1414.19	741.76
* 8670.000	40.00	183.80	181.10	177.10	1400.00	186.19	0.00	186.21	2.82	2.16	1529.77	833.47
* 8670.000	40.00	183.80	181.10	177.10	2070.00	186.76	0.00	186.82	4.39	2.81	1716.21	988.37
8710.000	40.00	0.00	0.00	178.30	570.00	184.56	0.00	185.18	15.97	4.00	201.12	142.05
8710.000	40.00	0.00	0.00	178.30	1060.00	185.09	0.00	186.06	39.80	6.68	248.46	167.94
8710.000	40.00	0.00	0.00	178.30	1400.00	185.87	0.00	186.61	62.15	8.47	267.19	177.59
* 8710.000	40.00	0.00	0.00	178.30	2070.00	185.77	185.77	187.73	127.81	12.26	277.86	183.10
8725.000	15.00	0.00	0.00	178.30	570.00	184.56	0.00	185.20	15.78	3.98	202.52	143.47
8725.000	15.00	0.00	0.00	178.30	1060.00	185.57	0.00	186.14	37.78	6.54	257.24	172.46
8725.000	15.00	0.00	0.00	178.30	1400.00	185.86	0.00	186.72	54.92	8.11	289.10	188.92
* 8725.000	15.00	0.00	0.00	178.30	2070.00	187.26	185.76	188.07	51.23	8.77	524.62	289.21
10160.000	1435.00	0.00	0.00	177.30	530.00	185.42	0.00	185.42	0.39	0.68	1346.72	847.26
10160.000	1435.00	0.00	0.00	177.30	970.00	186.50	0.00	186.59	0.71	1.02	1652.31	1152.46
10160.000	1435.00	0.00	0.00	177.30	1280.00	187.31	0.00	187.32	0.89	1.20	1843.85	1359.30
10160.000	1435.00	0.00	0.00	177.30	1900.00	188.74	0.00	188.75	1.10	1.48	2235.17	1814.98

10/23/31

SECNO	XLCH	ELTRD	ELLC	ELMIN	G	CASEL	CRWS	EG	10K*S	VCH	AREA	.01K
10800.000	640.00	0.00	0.00	179.80	530.00	185.46	0.00	185.50	5.89	2.05	522.26	218.32
10800.000	640.00	0.00	0.00	179.80	970.00	186.67	0.00	186.71	6.66	2.53	767.78	375.85
10800.000	640.00	0.00	0.00	179.80	1280.00	187.41	0.00	187.46	6.76	2.75	927.55	492.45
10800.000	640.00	0.00	0.00	179.80	1900.00	188.65	0.00	188.91	6.22	3.00	1255.90	761.87
11530.000	730.00	0.00	0.00	182.20	530.00	186.26	0.00	186.42	35.90	3.90	262.06	88.45
11530.000	730.00	0.00	0.00	182.20	970.00	187.45	0.00	187.57	23.41	3.84	502.05	200.50
11530.000	730.00	0.00	0.00	182.20	1280.00	188.15	0.00	188.27	19.75	3.88	653.14	288.03
11530.000	730.00	0.00	0.00	182.20	1900.00	189.49	0.00	189.59	14.71	3.88	956.89	495.32
12240.000	710.00	0.00	0.00	184.80	450.00	188.78	0.00	188.93	34.56	3.74	217.27	76.55
12240.000	710.00	0.00	0.00	184.80	850.00	189.54	0.00	189.76	42.68	4.77	330.89	130.11
12240.000	710.00	0.00	0.00	184.80	1130.00	190.63	0.00	190.27	43.25	5.17	408.33	171.83
12240.000	710.00	0.00	0.00	184.80	1660.00	190.95	0.00	191.21	59.62	5.55	564.33	265.74
13810.000	1570.00	0.00	0.00	187.10	400.00	193.39	0.00	193.57	25.03	3.93	193.45	79.95
13810.000	1570.00	0.00	0.00	187.10	760.00	194.79	0.00	195.00	26.19	4.73	328.28	148.51
13810.000	1570.00	0.00	0.00	187.10	1020.00	195.50	0.00	195.74	28.16	5.26	404.66	192.23
13810.000	1570.00	0.00	0.00	187.10	1490.00	196.49	0.00	196.79	32.02	6.10	519.97	263.33
13960.000	150.00	0.00	0.00	187.30	400.00	193.77	0.00	193.91	21.06	3.69	208.98	87.16
13960.000	150.00	0.00	0.00	187.30	760.00	195.19	0.00	195.37	22.61	4.48	348.59	159.84
13960.000	150.00	0.00	0.00	187.30	1020.00	195.93	0.00	196.14	24.10	4.96	430.70	207.78
13960.000	150.00	0.00	0.00	187.30	1490.00	196.98	0.00	197.24	26.91	5.73	556.93	287.24

PERSIMMON CR

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CKSEL	DIFWSP	DIFWSX	DIFKWS	TOTLID	XLCH
1360.000	620.00	160.00	0.00	0.00	0.00	360.00	0.00
1360.000	1160.00	160.00	0.00	0.00	0.00	360.00	0.00
1360.000	1530.00	160.00	0.00	0.00	0.00	360.00	0.00
1360.000	2330.00	160.00	0.00	0.00	0.00	360.00	0.00
1361.000	620.00	160.00	0.00	0.00	0.00	360.00	1.00
1361.000	1160.00	160.00	0.00	0.00	0.00	360.00	1.00
1361.000	1530.00	160.00	0.00	0.00	0.00	360.00	1.00
1361.000	2330.00	160.00	0.00	0.00	0.00	360.00	1.00
1363.000	620.00	160.00	0.00	0.00	0.00	360.00	2.00
1363.000	1160.00	160.00	0.00	0.00	0.00	360.00	2.00
1363.000	1530.00	160.00	0.00	0.00	0.00	360.00	2.00
1363.000	2330.00	160.00	0.00	0.00	0.00	360.00	2.00
1365.000	620.00	160.00	0.00	0.00	0.00	360.00	2.00
1365.000	1160.00	160.00	0.00	0.00	0.00	360.00	2.00
1365.000	1530.00	160.00	0.00	0.00	0.00	360.00	2.00
1365.000	2330.00	160.00	0.00	0.00	0.00	360.00	2.00
1370.000	620.00	160.00	0.00	0.00	0.00	360.00	5.00
1370.000	1160.00	160.00	0.00	0.00	0.00	360.00	5.00
1370.000	1530.00	160.00	0.00	0.00	0.00	360.00	5.00
1370.000	2330.00	160.00	0.00	0.00	0.00	360.00	5.00
1380.000	620.00	160.00	0.00	0.00	0.00	360.00	10.00
1380.000	1160.00	160.00	0.00	0.00	0.00	360.00	10.00
1380.000	1530.00	160.00	0.00	0.00	0.00	360.00	10.00
1380.000	2330.00	160.00	0.00	0.00	0.00	360.00	10.00
1400.000	620.00	160.00	0.00	0.00	0.00	360.00	20.00
1400.000	1160.00	160.00	0.00	0.00	0.00	360.00	20.00
1400.000	1530.00	160.00	0.00	0.00	0.00	360.00	20.00
1400.000	2330.00	160.00	0.00	0.00	0.00	360.00	20.00
1500.000	620.00	160.00	0.00	0.00	0.00	354.68	100.00
1500.000	1160.00	160.00	0.00	0.00	0.00	354.71	100.00
1500.000	1530.00	160.00	0.00	0.00	0.00	354.74	100.00
1500.000	2330.00	160.00	0.01	0.01	0.00	354.65	100.00
2000.000	620.00	160.00	0.00	0.00	0.00	310.10	500.00
2000.000	1160.00	160.00	0.01	0.01	0.00	310.20	500.00
2000.000	1530.00	160.00	0.01	0.02	0.00	310.25	500.00
2000.000	2330.00	160.00	0.03	0.05	0.00	311.63	500.00
3000.000	620.00	160.00	0.00	0.00	0.00	184.59	1000.00
3000.000	1160.00	160.00	0.12	0.15	0.00	191.27	1000.00
3000.000	1530.00	160.00	0.12	0.20	0.00	192.95	1000.00
3000.000	2330.00	160.00	0.33	0.55	0.00	197.73	1000.00
3570.000	620.00	160.47	0.00	0.43	0.00	217.63	570.00
3570.000	1160.00	161.29	0.62	1.13	0.00	232.57	570.00
3570.000	1530.00	161.76	0.49	1.50	0.00	241.45	570.00
3570.000	2330.00	162.64	0.86	2.03	0.00	256.83	570.00

11/11/80

SECNO	Q	CASEL	DIFWSP	DIFWSY	DIFKAS	TOPWID	XLCH
4500.000	620.00	164.05	0.00	3.57	0.00	180.73	930.00
4500.000	1160.00	165.00	0.96	3.71	0.00	194.91	930.00
4500.000	1530.00	165.50	0.50	3.72	0.00	202.46	930.00
4500.000	2330.00	166.42	0.92	3.78	0.00	215.31	930.00
5040.000	620.00	165.85	0.00	1.81	0.00	102.38	540.00
5040.000	1160.00	166.95	1.10	1.95	0.00	127.55	540.00
5040.000	1530.00	167.53	0.58	2.04	0.00	141.44	540.00
5040.000	2330.00	168.56	1.03	2.14	0.00	160.26	540.00
5900.000	600.00	169.55	0.00	3.70	0.00	98.65	860.00
5900.000	1100.00	170.55	1.39	4.00	0.00	146.60	860.00
5900.000	1440.00	171.66	0.71	4.12	0.00	170.87	860.00
5900.000	2160.00	172.82	1.16	4.26	0.00	200.00	860.00
7240.000	600.00	174.61	0.00	5.05	0.00	98.05	1340.00
7240.000	1100.00	176.00	1.39	5.05	0.00	125.28	1340.00
7240.000	1440.00	176.72	0.72	5.07	0.00	136.17	1340.00
7240.000	2160.00	177.91	1.19	5.09	0.00	154.09	1340.00
8000.000	600.00	178.31	0.00	3.71	0.00	191.84	760.00
8000.000	1100.00	179.26	0.96	3.28	0.00	227.75	760.00
8000.000	1440.00	179.84	0.56	3.11	0.00	248.55	760.00
8000.000	2160.00	180.87	1.03	2.96	0.00	267.61	760.00
8550.000	570.00	181.33	0.00	2.02	0.00	165.97	550.00
8550.000	1060.00	182.22	0.89	2.94	0.00	240.90	550.00
8550.000	1400.00	182.66	0.46	2.84	0.00	274.36	550.00
8550.000	2070.00	183.45	0.75	2.55	0.00	282.63	550.00
8630.000	570.00	181.87	0.00	0.54	0.00	209.79	80.00
8630.000	1060.00	182.81	0.94	0.59	0.00	276.64	80.00
8630.000	1400.00	183.28	0.47	0.60	0.00	281.71	80.00
8630.000	2070.00	184.01	0.73	0.59	0.00	286.37	80.00
* 8670.000	570.00	185.00	0.00	3.21	0.00	296.26	40.00
* 8670.000	1060.00	185.81	0.74	3.00	0.00	306.92	40.00
* 8670.000	1400.00	186.19	0.36	2.91	0.00	312.31	40.00
* 8670.000	2070.00	186.75	0.59	2.77	0.00	320.83	40.00
8710.000	570.00	184.96	0.00	-0.12	0.00	73.63	40.00
8710.000	1060.00	185.49	0.53	-0.33	0.00	102.36	40.00
8710.000	1400.00	185.87	0.18	-0.53	0.00	107.80	40.00
* 8710.000	2070.00	185.77	0.10	-1.02	0.00	110.47	40.00
8725.000	570.00	184.98	0.00	0.03	0.00	74.75	15.00
8725.000	1060.00	185.57	0.59	0.69	0.00	104.85	15.00
8725.000	1400.00	185.86	0.29	0.20	0.00	113.42	15.00
* 8725.000	2070.00	187.20	1.33	1.43	0.00	257.91	15.00
10160.000	530.00	185.42	0.00	0.43	0.00	258.59	1435.00
10160.000	970.00	186.58	1.17	1.01	0.00	264.43	1435.00
10160.000	1280.00	187.31	0.72	1.44	0.00	269.23	1435.00
10160.000	1900.00	188.74	1.43	1.54	0.00	278.77	1435.00

1173 HCS

SECNO	Q	CHSEL	DIFKSP	DIFWSX	DIFKWS	TOPWID	XLCH
10800.000	530.00	185.46	0.00	0.05	0.00	197.08	640.00
10800.000	970.00	186.67	1.20	0.06	0.00	211.12	640.00
10800.000	1280.00	187.41	0.74	0.10	0.00	219.77	640.00
10800.000	1900.00	188.85	1.44	0.11	0.00	234.47	640.00
11530.000	530.00	186.26	0.00	0.79	0.00	193.46	730.00
11530.000	970.00	187.45	1.19	0.78	0.00	209.54	730.00
11530.000	1280.00	188.15	0.71	0.75	0.00	218.99	730.00
11530.000	1900.00	189.49	1.33	0.64	0.00	236.33	730.00
12240.000	450.00	188.78	0.00	2.52	0.00	142.09	710.00
12240.000	850.00	189.54	0.77	2.10	0.00	153.99	710.00
12240.000	1130.00	190.03	0.49	1.88	0.00	161.68	710.00
12240.000	1660.00	190.95	0.92	1.47	0.00	176.15	710.00
13810.000	400.00	193.49	0.00	4.62	0.00	88.64	1570.00
13810.000	760.00	194.79	1.40	5.25	0.00	104.15	1570.00
13810.000	1020.00	195.50	0.71	5.47	0.00	111.99	1570.00
13810.000	1490.00	196.49	0.99	5.54	0.00	122.86	1570.00
13960.000	400.00	193.77	0.00	0.37	0.00	90.57	150.00
13960.000	760.00	195.19	1.42	0.39	0.00	106.29	150.00
13960.000	1020.00	195.95	0.74	0.43	0.00	114.54	150.00
13960.000	1490.00	196.98	1.05	0.49	0.00	126.17	150.00

SUMMARY OF ERRORS

CAUTION SECNO= 8670.000 PROFILE= 1 HYDRAULIC JUMP U.S.
CAUTION SECNO= 8670.000 PROFILE= 2 HYDRAULIC JUMP U.S.
CAUTION SECNO= 8670.000 PROFILE= 3 HYDRAULIC JUMP U.S.
CAUTION SECNO= 8670.000 PROFILE= 4 HYDRAULIC JUMP U.S.
CAUTION SECNO= 8710.000 PROFILE= 0 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 8710.000 PROFILE= 4 MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 8725.000 PROFILE= 4 20 ITERALS ATTEMPTED TO BALANCE .SEL

 HEC2 RELEASE DATED NOV 76 UPDATED AUG 77
 ERROR CORR - 01,02
 MODIFICATION - 50,51,52,53

C CUMBERLAND CO FIS
 T1 CUMBERLAND CO NC FIS WFB
 T2 100 YR NATURAL
 T3 PERSIMMON CR

J1	ICHECK	IND	NINV	IDIN	SIRT	NETRIC	FVINS	G	WSEL	FG
	0.	4.	0.	0.	0.000000	0.00	0.0	0.	160.000	0.000
J2	NPROF	IPLOT	PRFVS	XSECV	XSELP	FR	ALLDC	IBW	CPNIM	ITRACE
	1.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	15.000
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	38.000	1.000	3.000	42.000	41.000	5.000	43.000	0.000	38.000	1.000
	53.000	21.000	22.000	54.000	4.000	0.000	200.000	0.000	0.000	0.000
NC	0.110	0.110	0.050	0.200	0.400	0.000	0.000	0.000	0.000	0.000
QT	6.000	620.000	1180.000	1530.000	2330.000	1530.000	1530.000	1530.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	820.000	1180.000

*** TOPO SECTION IN LANE

X1	1360.000	15.000	120.000	1180.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	170.000	700.000	160.000	820.000	155.500	855.000	150.000	505.000	150.000	990.000
GR	149.000	1000.000	155.000	1010.000	157.000	1020.000	157.500	1030.000	158.000	1160.000
GR	150.000	1180.000	162.000	1200.000	170.000	1260.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	820.000	1180.000
X1	1361.000	0.000	0.000	0.000	1.000	1.000	1.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	820.000	1180.000
X1	1363.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	820.000	1180.000
X1	1365.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	820.000	1180.000
X1	1370.000	0.000	0.000	0.000	5.000	5.000	5.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	820.000	1180.000
X1	1380.000	0.000	0.000	0.000	10.000	10.000	10.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	820.000	1180.000

XI	1000.000	0.000	0.000	0.000	20.000	20.000	20.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	220.000	1180.000

XI	1500.000	0.000	0.000	0.000	100.000	100.000	100.000	0.000	0.300	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	900.000	1210.000

*** TOPG SECTION IN LAKE

XI	2000.000	13.000	500.000	1210.000	500.000	500.000	500.000	0.000	0.000	0.000
GR	170.000	650.000	160.000	900.000	150.000	510.000	150.000	990.000	151.000	1000.000
GR	159.000	1020.000	150.000	1030.000	160.000	1210.000	160.000	1200.000	164.000	1290.000
GR	166.000	1360.000	160.000	1330.000	170.000	1340.000	0.000	0.000	0.000	0.000
NH	0.110	0.110	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1085.000	1271.000

*** SECTION LPH-1 IN LAKE

XI	3000.000	16.000	1025.000	1271.000	1000.000	1000.000	1000.000	0.000	0.000	0.000
GR	174.900	1000.000	171.500	1057.000	163.000	1059.000	159.900	1025.000	159.200	1092.000
GR	158.700	1180.000	157.200	1151.000	157.200	1236.000	154.500	1243.000	157.100	1250.000
GR	159.100	1200.000	155.700	1271.000	162.700	1291.000	163.800	1300.000	172.500	1335.000
GR	175.100	1360.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NH	5.000	0.110	0.000	0.000	0.000	0.000	1015.000	0.000	1105.000	0.110
NH	1250.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	920.000	1070.000

*** TOPG SECTION

XI	3570.000	13.000	995.000	1015.000	970.000	970.000	970.000	0.000	0.000	0.000
GR	170.000	600.000	167.000	710.000	160.000	740.000	159.000	905.000	158.700	995.000
GR	150.000	1000.000	150.000	1015.000	160.000	1023.000	150.000	1105.000	160.000	1140.000
GR	160.000	1200.000	160.000	1210.000	170.000	1250.000	0.000	0.000	0.000	0.000
NH	5.000	0.110	0.000	0.000	0.000	0.000	1010.000	0.000	1090.000	0.110
NH	1170.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	950.000	1070.000

*** TOPG SECTION

XI	4500.000	15.000	880.000	1010.000	930.000	930.000	930.000	0.000	0.000	0.000
GR	160.000	600.000	170.000	720.000	170.000	650.000	160.000	600.000	160.000	900.000
GR	160.000	1000.000	160.000	900.000	160.000	990.000	150.000	1000.000	160.000	1010.000
GR	160.000	1000.000	160.000	1100.000	160.000	1110.000	160.000	1115.000	170.000	1120.000
GR	170.000	1100.000	170.000	1100.000	180.000	1170.000	0.000	0.000	0.000	0.000
NH	5.000	0.110	0.000	0.000	0.000	0.000	1010.000	0.000	1045.000	0.110
NH	1110.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	900.000	1030.000

*** TOPG SECTION

XI	5040.000	15.000	890.000	1010.000	890.000	890.000	890.000	0.000	0.000	0.000
GR	160.000	600.000	170.000	820.000	170.000	730.000	170.000	600.000	160.000	900.000
GR	160.000	900.000	160.000	970.000	160.000	990.000	160.000	1000.000	160.000	1010.000
GR	160.000	1000.000	160.000	1000.000	170.000	1080.000	170.000	1000.000	160.000	1110.000
GR	0.000	600.000	1100.000	1400.000	2100.000	1400.000	1400.000	0.000	0.000	0.000
NH	0.110	0.110	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1170.000	1240.000

*** SECTION CPH-2 2/2000-EFFECTIVE FLOW IN LCR

	13,000	1223,000	1242,000	860,000	860,000	860,000	0,000	0,000	0,000	
GR	180,000	1040,000	175,700	1058,000	171,900	1100,000	167,500	1200,000	166,900	1223,000
GR	163,300	1227,000	162,600	1232,000	164,300	1240,000	168,700	1242,000	173,700	1300,000
GR	174,300	1324,000	179,900	1332,000	183,400	1349,000	0,000	0,000	0,000	0,000
NC	0,000	0,110	0,050	0,050	0,000	0,110	0,000	0,000	0,000	0,000
ET	0,000	0,000	0,000	0,000	0,000	9,110	0,000	0,000	1220,000	1290,000

*** SECTION CPR-3

X1	7240,000	21,000	1247,000	1258,000	1340,000	1340,000	1340,000	0,000	0,000	0,000
GR	190,000	1000,000	188,000	1018,000	183,400	1100,000	181,900	1122,000	178,400	1200,000
GR	174,400	1212,000	172,200	1230,000	171,800	1247,000	169,500	1249,000	169,600	1251,000
GR	170,100	1255,000	172,000	1258,000	171,700	1265,000	171,000	1268,000	171,100	1274,000
GR	172,500	1276,000	173,600	1300,000	176,000	1318,000	180,200	1331,000	189,300	1370,000
GR	191,100	1372,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
NC	0,110	0,110	0,050	0,000	0,000	0,000	0,000	0,000	0,000	0,000
ET	0,000	0,000	0,000	0,000	0,000	9,110	0,000	0,000	920,000	1020,000

*** TOPO SECTION

X1	8000,000	17,000	995,000	1010,000	760,000	760,000	760,000	0,000	0,000	0,000
GR	190,000	780,000	188,000	900,000	180,000	835,000	178,000	860,000	176,000	980,000
GR	175,500	995,000	173,200	998,000	173,500	1000,000	173,900	1000,000	176,500	1010,000
GR	178,000	1040,000	180,000	1090,000	182,000	1110,000	184,000	1120,000	186,000	1160,000
GR	188,000	1200,000	190,000	1220,000	0,000	0,000	0,000	0,000	0,000	0,000
NC	0,110	0,110	0,050	0,000	0,000	0,000	0,000	0,000	0,000	0,000
ET	0,000	0,000	0,000	0,000	0,000	9,110	0,000	0,000	1270,000	1370,000

*** SECTION CPR-4

X1	8550,000	19,000	1319,000	1338,000	520,000	550,000	550,000	0,000	0,000	0,000
GR	200,000	1000,000	197,700	1025,000	192,500	1030,000	192,500	1100,000	184,700	1200,000
GR	183,000	1207,000	181,000	1237,000	179,900	1300,000	179,300	1319,000	176,500	1324,000
GR	176,100	1328,000	176,300	1334,000	179,400	1336,000	181,400	1400,000	182,600	1486,000
GR	188,000	1500,000	190,500	1544,000	194,100	1600,000	200,200	1700,000	0,000	0,000
NC	0,090	0,090	0,040	0,000	0,000	0,000	0,000	0,000	0,000	0,000
ET	0,000	0,000	0,100	0,000	0,000	9,110	0,000	0,000	1270,000	1370,000

X1	8630,000	20,000	1328,500	1353,500	0,000	0,000	0,000	0,000	0,000	0,000
X3	10,000	0,000	0,000	0,000	0,000	0,000	0,000	180,800	180,800	0,000
GR	200,000	1000,000	197,700	1025,000	196,300	1030,000	192,500	1100,000	184,700	1200,000
GR	183,000	1207,000	181,000	1237,000	179,900	1300,000	179,300	1319,000	176,500	1324,000
GR	177,100	1322,500	177,100	1333,500	179,400	1333,500	179,400	1330,000	181,400	1400,000
GR	182,600	1486,000	188,000	1500,000	190,300	1540,000	194,100	1600,000	200,200	1700,000
SB	1,200	2,190	2,600	0,000	11,000	0,700	25,000	0,000	177,100	177,100
ET	0,000	0,000	0,000	0,000	0,000	9,110	0,000	0,000	1270,000	1370,000

*** MORGANIC ROAD SECTION CPR-5

X1	8670,000	0,000	0,000	0,000	40,000	40,000	40,000	0,000	0,000	0,000
X2	0,000	0,000	1,000	121,100	123,800	0,000	0,000	0,000	0,000	0,000
X3	10,000	0,000	0,000	0,000	0,000	0,000	0,000	123,800	123,800	0,000
BT	11,000	1070,000	195,000	0,000	1170,000	158,400	0,000	1270,000	164,400	0,000
BT	1322,500	183,800	0,000	1322,500	183,800	181,100	1333,500	183,800	181,100	1333,500
BT	183,800	0,000	1370,000	184,100	0,000	1470,000	186,200	0,000	1500,000	188,200
BT	0,000	1544,000	190,300	0,000	0,000	0,000	0,000	0,000	0,000	0,000
NC	0,110	0,110	0,050	0,000	0,000	0,000	0,000	0,000	0,000	0,000
ET	0,000	0,000	0,000	0,000	0,000	9,110	0,000	0,000	1106,000	1225,000

11/19/83

*** SECTION CPR-6 OLD DAN - WASHED OUT

XI	8710.000	24.000	1184.000	1204.000	40.000	40.000	40.000	0.000	0.000	0.000
GR	200.100	1000.000	186.600	1100.000	165.400	1110.000	184.400	1148.000	186.000	1155.000
GR	187.700	1172.000	179.300	1184.000	178.300	1186.000	178.600	1195.000	178.900	1200.000
GR	179.400	1204.000	187.600	1228.000	186.500	1300.000	186.500	1359.000	184.500	1374.000
GR	187.200	1387.000	187.400	1395.000	190.100	1400.000	188.700	1413.000	192.500	1449.000
GR	197.900	1467.000	197.300	1500.000	200.100	1576.000	200.800	1600.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1106.000	1225.000

XI	8725.000	0.000	0.000	0.000	15.000	15.000	15.000	0.000	0.000	0.000
RT	6.000	530.000	970.000	1280.000	1900.000	1280.000	1280.000	0.000	0.000	0.000
NH	5.000	0.100	1139.000	0.080	1200.000	0.050	1231.000	0.080	1209.000	0.110
NH	1452.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1160.000	1220.000

*** SECTION CPR-7

XI	10160.000	16.000	1200.000	1231.000	1435.000	1435.000	1435.000	0.000	0.000	0.000
GR	205.000	1000.000	192.400	1077.000	165.100	1100.000	180.500	1121.000	179.500	1135.000
GR	179.200	1139.000	178.900	1200.000	178.500	1209.000	177.300	1218.000	178.600	1228.000
GR	179.800	1231.000	180.000	1300.000	180.500	1309.000	182.700	1346.000	198.000	1400.000
GR	204.800	1452.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NH	5.000	0.110	940.000	0.090	991.000	0.050	1013.000	0.090	1120.000	0.110
NH	1220.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	970.000	1090.000

*** TOPO SECTION

XI	10800.000	14.000	991.000	1015.000	640.000	640.000	640.000	0.000	0.000	0.000
GR	200.000	830.000	198.000	840.000	190.000	915.000	188.000	920.000	184.000	940.000
GR	181.400	982.000	181.000	991.000	179.800	1000.000	181.000	1010.000	182.300	1013.000
GR	184.000	1120.000	190.000	1180.000	198.000	1195.000	200.000	1220.000	0.000	0.000
NH	5.000	0.110	955.000	0.090	994.000	0.050	1020.000	0.090	1130.000	0.110
NH	1240.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	970.000	1090.000

*** TOPO SECTION

XI	11530.000	22.000	994.000	1020.000	730.000	730.000	730.000	0.000	0.000	0.000
GR	200.000	895.000	198.000	870.000	194.000	890.000	192.000	905.000	190.000	910.000
GR	182.000	930.000	186.000	940.000	185.000	955.000	184.800	994.000	182.200	1000.000
GR	182.700	1008.000	182.400	1018.000	184.700	1020.000	184.800	1041.000	186.000	1130.000
GR	186.000	1147.000	190.000	1153.000	192.000	1170.000	194.000	1190.000	196.000	1205.000
GR	198.000	1220.000	200.000	1240.000	0.000	0.000	0.000	0.000	0.000	0.000
QT	6.000	450.000	850.000	1130.000	1660.000	1130.000	1130.000	0.000	0.000	0.000
NH	5.000	0.110	1315.000	0.050	1353.000	0.050	1377.000	0.090	1435.000	0.110
NH	1519.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1325.000	1415.000

*** SECTION CPR-8

XI	12240.000	17.000	1353.000	1377.000	710.000	710.000	710.000	0.000	0.000	0.000
GR	209.800	1000.000	203.700	1100.000	206.400	1168.000	200.700	1125.000	196.800	1200.000
GR	188.900	1300.000	187.000	1315.000	187.400	1353.000	184.800	1359.000	185.300	1367.000
GR	185.000	1375.000	187.300	1377.000	187.400	1400.000	187.700	1435.000	188.600	1443.000
GR	207.500	1500.000	210.800	1519.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.110	0.110	0.050	0.000	0.000	0.000	0.000	0.000	0.000	0.000
QT	6.000	400.000	760.000	1020.000	1490.000	1020.000	1020.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1140.000	1200.000

10/11/80

SECTION CPR-9

X1	13510.000	17.000	1168.000	1182.000	1570.000	1570.000	1570.000	0.000	0.000	0.000
GR	215.100	1000.000	202.700	1079.000	202.700	1085.000	202.100	1100.000	191.700	1157.000
GR	190.100	1168.000	188.300	1171.000	187.100	1175.000	188.300	1180.000	191.400	1182.000
GR	191.800	1200.000	191.500	1226.000	208.700	1300.000	211.600	1316.000	213.000	1328.000
GR	215.100	1361.000	216.900	1372.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1140.000	1200.000

X1	13960.000	0.000	0.000	0.000	150.000	150.000	150.000	0.000	0.200	0.000
EJ	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.600	0.000	0.000

HEC2 RELEASE DATED NOV 76 UPDATED AUG 77

ERROR CORR - 01,02

MODIFICATION - 50,51,52,53

T1 CUMBERLAND CO NC FIS WRB
T2 ENCHROACHED
T3 PERSIMMON CR

T1	ICHECK	INQ	NINQ	IDIR	SIRT	PEIRIC	HVINS	C	WSEL	FD
	0.	6.	0.	0.	0.000000	0.00	0.0	0.	160.000	0.000

T2	NPROF	IPLD1	PRFVS	XSECV	XSECH	EM	ALLDC	IBW	CHNIM	IRACE
	15.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	15.000

 HEC2 RELEASE DATED NOV 76 UPDATED AUG 77
 ERROR CORR - 01,02
 MODIFICATION - 50,51,52,53

NOTE- ASTERISK (*) AT LEFT OF CLASS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

PERSIMON CR

SUMMARY PRINTOUT

SECNO	CRSEL	EB	ELMIN	LLLC	10K*5	B
1360.000	160.00	160.01	149.00	0.00	0.31	1530.00
1360.000	160.00	160.01	149.00	0.00	0.31	1530.00
1361.000	160.00	160.01	149.00	0.00	0.31	1530.00
1361.000	160.00	160.01	149.00	0.00	0.31	1530.00
1363.000	160.00	160.01	149.00	0.00	0.31	1530.00
1363.000	160.00	160.01	149.00	0.00	0.31	1530.00
1365.000	160.00	160.01	149.00	0.00	0.31	1530.00
1365.000	160.00	160.01	149.00	0.00	0.31	1530.00
1370.000	160.00	160.01	149.00	0.00	0.31	1530.00
1370.000	160.00	160.01	149.00	0.00	0.31	1530.00
1380.000	160.00	160.01	149.00	0.00	0.31	1530.00
1380.000	160.00	160.01	149.00	0.00	0.31	1530.00
1400.000	160.00	160.01	149.00	0.00	0.31	1530.00
1400.000	160.00	160.01	149.00	0.00	0.31	1530.00
1500.000	160.00	160.02	149.50	0.00	0.37	1530.00
1500.000	160.00	160.02	149.50	0.00	0.37	1530.00
2000.000	160.03	160.05	151.00	0.00	1.32	1530.00
2000.000	160.03	160.05	151.00	0.00	1.32	1530.00
3000.000	160.26	160.42	154.50	0.00	16.29	1530.00
3000.000	160.26	160.42	154.50	0.00	16.41	1530.00
3570.000	161.78	162.60	156.00	0.00	54.44	1530.00
3570.000	161.88	162.24	156.00	0.00	74.77	1530.00
4500.000	165.50	166.64	158.80	0.00	29.24	1530.00
4500.000	166.22	166.42	158.80	0.00	29.59	1530.00
5040.000	167.53	167.90	160.00	0.00	61.05	1530.00
5040.000	168.20	168.76	160.00	0.00	59.10	1530.00

SECNO	CWSEL	EG	ELMIN	ELLC	10K*5	G
5900.000	171.66	172.03	162.60	0.00	37.17	1440.00
5900.000	172.51	172.85	162.60	0.00	37.90	1440.00
7240.000	176.72	176.96	169.60	0.00	35.91	1440.00
7240.000	177.34	177.65	169.60	0.00	33.82	1440.00
8000.000	179.84	180.05	173.50	0.00	46.48	1440.00
8000.000	180.48	180.83	173.50	0.00	52.30	1440.00
8550.000	182.68	183.06	176.10	0.00	62.32	1400.00
8550.000	183.38	183.83	176.10	0.00	55.53	1400.00
8630.000	183.28	183.44	177.10	0.00	30.21	1400.00
8630.000	183.93	184.24	177.10	0.00	39.34	1400.00
8670.000	186.19	186.21	177.10	181.10	2.82	1400.00
8670.000	186.64	186.74	177.10	181.10	9.02	1400.00
8710.000	185.67	186.61	178.50	0.00	62.15	1400.00
8710.000	186.36	187.05	178.50	0.00	41.45	1400.00
8725.000	185.86	186.72	178.50	0.00	54.92	1400.00
8725.000	186.45	187.11	178.50	0.00	39.23	1400.00
10160.000	187.31	187.32	177.30	0.00	0.89	1280.00
10160.000	187.96	188.02	177.30	0.00	1.91	1280.00
10800.000	187.41	187.46	179.80	0.00	6.75	1280.00
10800.000	188.17	188.26	179.80	0.00	7.90	1280.00
11530.000	188.15	188.27	182.20	0.00	19.75	1280.00
11530.000	188.97	189.12	182.20	0.00	18.01	1280.00
12240.000	190.03	190.27	184.80	0.00	43.25	1130.00
12240.000	190.66	190.95	184.80	0.00	39.45	1130.00
13810.000	195.50	195.74	187.10	0.00	28.16	1020.00
13810.000	196.19	196.50	187.10	0.00	31.76	1020.00
13960.000	195.93	196.14	187.30	0.00	24.10	1020.00
13960.000	196.67	197.00	187.30	0.00	27.31	1020.00

PERSIMMON CR

SUMMARY PRINTOUT

SECNO	CWSEL	SSIA	STCHL	STCRK	ENDST	TOPRIO
1360.000	160.00	820.00	820.00	1180.00	1180.00	360.00
1360.000	160.00	820.00	820.00	1180.00	1180.00	360.00
1361.000	160.00	820.00	820.00	1180.00	1180.00	360.00
1361.000	160.00	820.00	820.00	1180.00	1180.00	360.00
1363.000	160.00	820.00	820.00	1180.00	1180.00	360.00
1363.000	160.00	820.00	820.00	1180.00	1180.00	360.00
1365.000	160.00	820.00	820.00	1180.00	1180.00	360.00
1365.000	160.00	820.00	820.00	1180.00	1180.00	360.00
1370.000	160.00	820.00	820.00	1180.00	1180.00	360.00
1370.000	160.00	820.00	820.00	1180.00	1180.00	360.00
1380.000	160.00	819.99	820.00	1180.00	1180.01	360.01
1380.000	160.00	820.00	820.00	1180.00	1180.00	360.00
1400.000	160.00	819.98	820.00	1180.00	1180.01	360.03
1400.000	160.00	820.00	820.00	1180.00	1180.00	360.00
1500.000	160.00	822.30	820.00	1180.00	1177.04	354.74
1500.000	160.00	822.30	820.00	1180.00	1177.04	354.74
2000.000	160.03	899.89	900.00	1210.00	1210.53	310.63
2000.000	160.03	900.00	900.00	1210.00	1210.00	310.00
3000.000	160.28	1082.32	1085.00	1271.00	1275.27	192.95
3000.000	160.20	1085.00	1085.00	1271.00	1271.00	186.00
3570.000	161.78	879.15	995.00	1015.00	1120.60	241.45
3570.000	161.88	920.00	995.00	1015.00	1070.00	150.00
4500.000	165.50	905.03	990.00	1010.00	1107.49	202.46
4500.000	166.22	950.00	990.00	1010.00	1070.00	120.00
5040.000	167.53	904.31	990.00	1010.00	1050.75	191.44
5040.000	168.20	980.00	990.00	1010.00	1030.00	70.00
5900.000	171.66	1105.46	1223.00	1242.00	1276.23	170.87
5900.000	172.51	1170.00	1223.00	1242.00	1240.00	70.00
7240.000	176.72	1184.08	1247.00	1258.00	1320.25	136.17
7240.000	177.30	1220.00	1247.00	1258.00	1290.00	70.00
8000.000	179.84	837.02	995.00	1010.00	1085.97	246.95
8000.000	180.48	920.00	995.00	1010.00	1020.00	100.00
8550.000	182.68	1211.62	1319.00	1336.00	1486.18	274.46
8550.000	183.38	1270.00	1319.00	1336.00	1370.00	100.00
8630.000	183.28	1205.84	1322.50	1333.50	1487.54	281.71
8630.000	183.93	1270.00	1322.50	1333.50	1370.00	100.00

SECNO	CNSL	SSIA	STCHL	STCHR	ENDSI	TOPWID
8670.000	186.19	1181.00	1322.50	1333.50	1494.11	312.31
8670.000	186.60	1270.00	1322.50	1333.50	1370.00	100.00
8710.000	185.67	1107.71	1184.00	1204.00	1379.62	107.00
8710.000	186.36	1106.00	1184.00	1204.00	1224.37	103.00
8725.000	185.06	1106.12	1184.00	1204.00	1380.50	113.42
8725.000	186.05	1106.00	1184.00	1204.00	1224.65	104.42
10160.000	187.31	1093.00	1200.00	1231.00	1362.27	265.23
10160.000	187.98	1100.00	1200.00	1231.00	1260.00	120.00
10800.000	187.01	922.96	991.00	1013.00	1142.72	219.77
10800.000	188.17	970.00	991.00	1013.00	1090.00	120.00
11530.000	188.15	922.07	994.00	1020.00	1147.46	218.99
11530.000	188.97	970.00	994.00	1020.00	1090.00	120.00
12240.000	190.03	1265.65	1353.00	1377.00	1447.32	161.60
12240.000	190.66	1325.00	1353.00	1377.00	1415.60	90.00
13810.000	195.50	1131.22	1102.00	1102.00	1243.21	111.99
13810.000	196.14	1140.00	1102.00	1102.00	1200.00	60.00
13960.000	195.93	1124.60	1102.00	1102.00	1244.20	114.94
13960.000	196.67	1140.00	1102.00	1102.00	1200.00	60.00

SUMMARY OF ERRORS

CAUTION SECNO= 8670.000 PROFILE= 1 HYDRAULIC JOINT U.S.
CAUTION SECNO= 8670.000 PROFILE= 2 HYDRAULIC JOINT U.S.

FLOODWAY DATA, PERSIMMON CR
 PROFILE NO. 2

STATION	FLOODWAY			WATER SURFACE ELEVATION		
	WIDTH (FT)	SECTION AREA	MEAN VELOCITY	AT FLOODWAY	211EOLT. FLOODWAY	DIFFERENCE
1360.000	360.	1856.	0.8	160.0	160.0	0.0
1361.000	360.	1856.	0.8	160.0	160.0	0.0
1363.000	360.	1856.	0.8	160.0	160.0	0.0
1365.000	360.	1856.	0.8	160.0	160.0	0.0
1370.000	360.	1856.	0.8	160.0	160.0	0.0
1380.000	360.	1856.	0.8	160.0	160.0	0.0
1400.000	360.	1857.	0.8	160.0	160.0	0.0
1500.000	355.	1751.	0.9	160.0	160.0	0.0
2000.000	310.	1137.	1.3	160.0	160.0	0.0
3000.000	186.	518.	3.0	160.3	160.3	0.0
3570.000	150.	428.	3.6	161.9	161.8	0.1
4500.000	120.	539.	2.8	166.2	165.5	0.7
5040.000	70.	330.	4.6	166.2	167.5	0.7
5900.000	70.	402.	3.6	172.8	171.7	0.9
7240.000	70.	501.	3.8	177.5	176.7	0.6
8000.000	100.	436.	3.3	180.4	179.8	0.6
8550.000	100.	395.	3.5	183.5	182.7	0.7
8630.000	100.	423.	3.2	183.9	183.3	0.6
8670.000	100.	705.	2.0	186.0	186.2	0.4
8710.000	118.	327.	4.2	186.4	185.7	0.7
8725.000	119.	327.	4.2	186.5	185.9	0.6
10160.000	120.	1059.	1.2	186.0	187.3	0.7
10800.000	120.	712.	1.8	186.2	187.4	0.8
11530.000	120.	535.	2.4	185.6	188.2	0.8
12240.000	90.	336.	3.3	190.0	190.0	0.6
13810.000	60.	306.	3.3	196.0	195.5	0.7
13960.000	60.	323.	3.2	196.0	195.9	0.7