
FEC2 RELEASE DATED NOV 76 UPDATED FEB1978

EFFCF CRR - 01,02

MODIFICATION - 50,51,52,53,54

final

T1 FENDERSON CO NC
T2 100 YEAR FLOOD
T3 FLOPPERS CREEK

J1	ICHECK	INC	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	4.	0.	0.	0.0	0.	0.0	0.	2078.60	0.0

J2	NPRCF	IPLCT	PRFVS	XSECV	XSECF	FN	ALLDC	IBW	CHNIM	ITRACE
	0.	0.	-1.	0.	0.	0.0	0.0	0.	0.	0

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

	110.00	0.0	200.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
--	--------	-----	--------	-----	-----	-----	-----	-----	-----	-----

NC	0.070	0.070	0.060	0.1	0.5					
GT	5.	2060.	3450.	4150.	5600.	4150.	0.	0.	0.	
	0.	0.0	0.0	0.0	0.0	7.11	1800.00	2400.00	0.0	0.0

X1	0.22	34.	2287.	2354.	0.	0.	0.	0.0	0.0	0
CR	2092.3	0.	2087.0	56.	2084.8	117.	2082.6	227.	2083.5	268
CR	2083.5	360.	2084.3	408.	2083.8	572.	2084.2	619.	2081.4	794
GR	2075.8	877.	2078.5	946.	2077.5	1110.	2077.1	1345.	2076.8	1578
GR	2075.4	1785.	2076.2	2058.	2077.0	2213.	2077.8	2287.	2069.6	2297
GR	2069.0	2305.	2067.6	2308.	2068.0	2310.	2069.0	2315.	2069.6	2319
GR	2076.1	2334.	2075.7	2347.	2073.8	2353.	2075.4	2381.	2077.0	2443
CP	2075.2	2497.	2080.1	2555.	2080.6	2620.	2081.2	2733.	0.0	0
NC	0.070	0.120	0.060	0.0	0.0					
GT	5.	1950.	3060.	3090.	4950.	3690.	0.	0.	0.	
ET	0.	0.0	0.0	0.0	0.0	7.11	50.00	360.00	0.0	0.0

X1	0.86	21.	178.	243.	3100.	2700.	3400.	0.0	-3.30	0
GR	2101.9	0.	2098.7	20.	2092.3	39.	2088.6	64.	2087.0	9.
GR	2087.0	140.	2087.9	151.	2087.6	178.	2081.5	185.	2081.2	19
CR	2080.8	200.	2081.3	210.	2081.5	215.	2088.3	243.	2088.3	34
CR	2091.7	367.	2091.0	308.	2090.6	408.	2099.2	479.	2104.8	51
CR	2104.6	566.	0.0	0.	0.0	0.	0.0	0.	0.0	
GT	5.	1760.	2940.	3540.	4760.	3540.	0.	0.	0.	
ET	0.	0.0	0.0	0.0	0.0	7.11	100.00	320.00	0.0	0.

	1.14	0.	0.	0.	1400.	1400.	1400.	0.0	3.30	
NC	0.120	0.120	0.060	0.0	0.0					
GT	5.	1740.	2900.	3490.	4700.	3490.	0.	0.	0.	
ET	0.	0.0	0.0	0.0	0.0	7.11	260.00	560.00	0.0	0.

X1	1.25	18.	340.	391.	650.	500.	600.	0.0	0.0	
CR	2104.0	100.	2112.0	140.	2093.6	205.	2090.1	240.	2090.0	34

GR	2082.7	371.	2088.0	372.	2090.4	391.	2089.5	575.	2090.1	720.
GR	2091.5	840.	2096.2	960.	2123.2	1240.	0.0	0.	0.0	0
NC	0.120	0.080	0.055	0.0	0.0					
GT	5.	1700.	2840.	3430.	4610.	3430.	0.	0.	0.	
ET	C.	0.0	0.0	0.0	0.0	7.11	70.00	400.00	0.0	0.0

X1	1.37	32.	97.	140.	400.	1000.	680.	0.0	0.0	0
GR	2115.7	0.	2109.0	19.	2103.4	42.	2097.1	62.	2092.3	71
GR	2092.0	97.	2085.0	105.	2084.5	110.	2084.5	112.	2085.0	125
GR	2090.3	140.	2090.3	170.	2090.9	220.	2091.6	251.	2090.1	315
GR	2091.1	342.	2091.1	477.	2091.0	575.	2091.6	627.	2090.6	633
GR	2091.6	647.	2092.9	705.	2094.0	739.	2096.0	771.	2097.2	808
GR	2099.7	837.	2100.2	870.	2102.6	929.	2104.1	962.	2105.1	1013
GR	2106.8	1084.	2108.3	1215.	0.0	0.	0.0	0.	0.0	0
NC	0.150	0.150	0.050	0.0	0.0					
GT	5.	1700.	2820.	3400.	4580.	3400.	0.	0.	0.	
ET	C.	0.0	0.0	0.0	0.0	7.11	200.00	570.00	0.0	0.0

X1	1.42	26.	279.	300.	200.	180.	200.	0.0	-1.80	0
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2093.5	2093.5	
GR	2110.9	0.	2098.7	44.	2095.8	92.	2094.8	171.	2094.8	227
GR	2099.7	234.	2095.3	242.	2094.4	259.	2095.1	268.	2097.4	279
GR	2091.7	290.	2089.0	304.	2088.5	310.	2087.9	319.	2088.5	325
GR	2099.0	331.	2097.3	360.	2092.9	364.	2093.0	428.	2093.4	477
GR	2094.4	509.	2095.1	622.	2094.0	741.	2094.8	813.	2095.3	902
GR	2105.0	1000.	0.0	0.	0.0	0.	0.0	0.	0.0	0
GT	5.	1670.	2790.	3540.	4500.	3340.	0.	0.	0.	
ET	C.	0.0	0.0	0.0	0.0	7.11	200.00	570.00	0.0	0.0

X1	1.50	0.	0.	0.	400.	400.	400.	0.0	1.60	0
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2095.2	2095.2	
GT	5.	1650.	2750.	3500.	4450.	3300.	0.	0.	0.	
ET	C.	0.0	0.0	0.0	0.0	7.11	140.00	570.00	0.0	0.0

X1	1.58	0.	0.	0.	400.	400.	400.	0.0	0.20	0
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2096.4	2096.4	
ET	C.	0.0	0.0	0.0	0.0	7.11	140.00	570.00	0.0	0.0

X1	1.58	27.	279.	300.	50.	50.	50.	0.0	0.0	0
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2097.7	2097.7	
GR	2110.9	0.	2098.7	44.	2095.8	92.	2094.8	171.	2094.8	227
GR	2099.7	234.	2095.3	242.	2094.4	259.	2095.1	268.	2097.4	279
GR	2095.4	280.	2094.0	290.	2089.5	299.	2088.0	309.	2086.9	320
GR	2088.0	325.	2096.4	340.	2097.5	360.	2093.0	363.	2093.0	420
GR	2093.4	477.	2094.4	509.	2095.1	622.	2094.0	741.	2094.8	813
GR	2095.3	902.	2105.0	1000.	0.0	0.	0.0	0.	0.0	0
SB	1.25	1.60	3.00	0.	30.00	2.00	340.00	0.42	2086.9	2086
ET	C.	0.0	0.0	0.0	0.0	7.11	140.00	570.00	0.0	0.0

X1	1.58	0.	0.	0.	30.	30.	30.	0.0	0.0	0
X2	C.	0.0	1.	2097.4	2098.4	0.0	0.	0.0	0.0	
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2098.4	2098.4	
GT	11.0	0.0	2110.9	0.0	22.0	2104.3	0.0	165.0	2099.0	0
ET	284.0	2099.1	0.0	284.0	2099.4	2097.4	361.0	2099.4	2097.4	361
BT	2099.1	0.0	441.0	2090.4	0.0	707.0	2099.0	0.0	947.0	2099
BT	0.0	1000.0	2105.0	0.0	0.0	0.0	0.0	0.0	0.0	0
NC	0.080	0.090	0.045	0.0	0.0					
ET	C.	0.0	0.0	0.0	0.0	7.11	140.00	570.00	0.0	0.0

X1	1.58	26.	279.	335.	20.	20.	20.	0.0	0.0	0.
GR	2110.9	0.	2098.7	44.	2095.8	92.	2094.8	171.	2094.8	227.
CR	2095.7	234.	2095.3	242.	2094.4	259.	2095.1	268.	2097.4	279.
GR	2091.7	290.	2089.0	304.	2088.5	310.	2087.9	319.	2088.5	325.
GR	2089.0	331.	2093.5	335.	2092.9	364.	2093.0	428.	2093.4	477.
GR	2094.4	509.	2095.1	622.	2094.0	741.	2094.8	813.	2095.3	902.
	2105.0	1000.	0.0	0.	0.0	0.	0.0	0.	0.0	0.
NC	0.070	0.070	0.069	0.0	0.0					
GT	5.	1640.	2730.	3290.	4430.	3290.	0.	0.	0.	0.
ET	0.	0.0	0.0	0.0	0.0	7.11	225.00	600.00	0.0	0.0

X1	1.62	38.	355.	407.	170.	170.	170.	0.0	-1.00	0.
GR	2111.5	0.	2111.5	12.	2104.6	25.	2109.7	45.	2099.1	88.
GR	2098.1	239.	2098.8	272.	2097.7	306.	2097.7	321.	2099.0	336.
GR	2095.0	355.	2095.7	367.	2090.9	371.	2090.3	375.	2089.4	379.
GR	2090.3	385.	2090.9	388.	2098.7	407.	2098.7	420.	2097.4	426.
GR	2097.8	475.	2097.8	541.	2096.7	575.	2097.4	625.	2097.8	682.
CR	2098.7	740.	2099.4	802.	2100.7	888.	2101.9	923.	2103.5	977.
GR	2103.8	1018.	2104.6	1002.	2104.9	1131.	2106.6	1229.	2109.2	1245.
GR	2110.2	1281.	2111.7	1303.	2113.4	1329.	0.0	0.	0.0	0.
NC	0.070	0.070	0.065	0.0	0.0					
GT	5.	1630.	2720.	3280.	4420.	3280.	0.	0.	0.	0.
ET	0.	0.0	0.0	0.0	0.0	7.11	225.00	600.00	0.0	0.0

X1	1.76	0.	0.	0.	730.	730.	730.	0.0	0.0	0.
NC	0.070	0.070	0.060	0.0	0.0					
GT	5.	1600.	2690.	3230.	4350.	3230.	0.	0.	0.	0.
ET	0.	0.0	0.0	0.0	0.0	7.11	280.00	610.00	0.0	0.0

X1	2.10	41.	392.	408.	1580.	1210.	1580.	0.0	-0.50	0.
GR	2118.7	0.	2113.3	7.	2110.3	53.	2112.7	78.	2112.1	107.
GR	2111.0	122.	2105.2	103.	2105.9	165.	2106.3	183.	2105.0	232.
GR	2105.5	255.	2104.9	204.	2103.0	336.	2102.3	384.	2103.9	392.
GR	2096.5	409.	2096.5	415.	2096.2	420.	2096.5	425.	2096.9	432.
GR	2103.7	458.	2104.0	544.	2104.6	605.	2105.5	636.	2106.3	663.
GR	2107.3	681.	2107.3	692.	2108.6	701.	2109.4	709.	2109.4	724.
GR	2111.0	738.	2111.7	709.	2112.1	799.	2112.1	849.	2111.6	918.
GR	2112.8	992.	2113.7	1043.	2114.8	1095.	2116.2	1142.	2117.7	1191.
GR	2119.8	1253.	0.0	0.	0.0	0.	0.0	0.	0.0	0.
GT	5.	1600.	2690.	3230.	4340.	3230.	0.	0.	0.	0.
ET	0.	0.0	0.0	0.0	0.0	7.11	360.00	485.00	0.0	0.0

X1	2.21	0.	0.	0.	550.	550.	550.	0.0	0.50	0.
ET	0.	0.0	0.0	0.0	0.0	7.11	360.00	485.00	0.0	0.0

X1	2.21	0.	0.	0.	40.	40.	40.	0.0	0.0	0.
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2108.0	2108.0	0.
SB	1.25	1.60	3.00	0.	45.00	2.00	804.00	2.20	2096.2	2096.
ET	0.	0.0	0.0	0.0	0.0	7.11	385.00	510.00	0.0	0.0

X1	2.21	49.	409.	408.	30.	30.	30.	0.0	0.0	0.
	0.	0.0	0.	2107.9	2109.7	0.0	0.	0.0	0.0	0.
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2110.0	2110.0	0.
ET	21.0	0.0	2129.9	0.0	17.0	2125.5	0.0	43.0	2122.8	0.
BT	60.0	2121.6	0.0	70.0	2124.5	0.0	110.0	2127.2	0.0	143.
ET	2125.2	0.0	191.0	2125.5	0.0	215.0	2120.9	0.0	230.0	2118.
ET	0.0	244.0	2117.4	0.0	278.0	2110.5	0.0	385.0	2109.7	0.
BT	395.0	2109.8	0.0	395.0	2111.5	2110.3	485.0	2111.5	2110.3	485.
BT	2106.4	0.0	685.0	2110.2	0.0	685.0	2111.0	0.0	785.0	2111.

BT	1144.0	2118.9	0.0	1194.0	2121.6	0.0	1240.0	2124.0	0.0	1289.0
BT	2126.6	0.0	1350.0	2126.2	0.0	1402.0	2128.2	0.0	1472.0	2127.0
BT	0.0	1513.0	2129.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GR	2129.9	0.0	2125.5	17.0	2122.8	43.0	2121.6	60.0	2124.5	76.0
GR	2127.2	110.0	2125.2	143.0	2123.5	191.0	2120.9	215.0	2118.2	230.0
GR	2117.4	244.0	2107.7	292.0	2106.7	309.0	2105.5	323.0	2104.5	333.0
GR	2104.5	357.0	2105.5	308.0	2104.7	409.0	2097.9	436.0	2097.4	440.0
GR	2096.6	445.0	2097.3	400.0	2097.9	457.0	2098.2	470.0	2104.2	488.0
GR	2104.9	515.0	2104.3	508.0	2105.5	578.0	2107.3	610.0	2108.9	649.0
GR	2109.6	695.0	2110.1	747.0	2109.4	790.0	2108.6	810.0	2108.4	857.0
GR	2109.4	896.0	2110.7	946.0	2112.0	983.0	2113.7	1025.0	2115.8	1059.0
GR	2116.4	1099.0	2118.9	1144.0	2121.6	1194.0	2124.0	1240.0	2126.6	1289.0
CR	2128.2	1350.0	2128.2	1402.0	2127.3	1472.0	2129.5	1513.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	7.11	385.00	510.00	0.0	0.0

X1	2.21	0.0	0.0	0.0	10.0	10.0	10.0	0.0	0.0	0.0
NC	0.070	0.070	0.070	0.0	0.0					
GT	5.0	1570.0	2630.0	3190.0	4280.0	3190.0	0.0	0.0	0.0	
ET	0.0	0.0	0.0	0.0	0.0	7.11	650.00	850.00	0.0	0.0

X1	2.62	31.0	678.0	727.0	2050.0	2050.0	2050.0	0.0	0.0	0.0
GR	2129.7	0.0	2127.2	21.0	2124.2	46.0	2120.8	109.0	2119.1	147.0
GR	2117.5	166.0	2120.8	102.0	2119.5	321.0	2116.8	340.0	2115.5	612.0
GR	2112.0	624.0	2111.0	607.0	2110.0	648.0	2111.4	678.0	2103.9	690.0
GR	2103.0	696.0	2102.4	703.0	2103.0	709.0	2103.9	718.0	2111.7	727.0
GR	2110.1	742.0	2109.1	701.0	2109.1	787.0	2109.9	885.0	2110.6	933.0
GR	2111.7	1001.0	2113.0	1078.0	2115.4	1155.0	2118.7	1205.0	2122.1	1252.0
CR	2127.7	1327.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.070	0.070	0.060	0.0	0.0					
GT	5.0	1570.0	2610.0	3180.0	4250.0	3180.0	0.0	0.0	0.0	
ET	0.0	0.0	0.0	0.0	0.0	7.11	300.00	600.00	0.0	0.0

X1	2.80	15.0	530.0	500.0	1700.0	1850.0	1850.0	0.0	-2.90	0.0
GR	2150.0	60.0	2117.3	140.0	2116.3	170.0	2116.0	180.0	2115.5	195.0
GR	2117.7	430.0	2115.5	500.0	2110.8	531.0	2110.0	542.0	2110.8	550.0
GR	2115.5	560.0	2117.5	570.0	2119.5	650.0	2136.5	840.0	2150.0	1080.0
NC	0.120	0.070	0.055	0.0	0.0					
GT	5.0	1550.0	2600.0	3160.0	4210.0	3160.0	0.0	0.0	0.0	
ET	0.0	0.0	0.0	0.0	0.0	7.11	200.00	600.00	0.0	0.0

X1	3.03	0.0	0.0	0.0	1150.0	1150.0	1150.0	0.0	2.90	0.0
NC	0.070	0.070	0.060	0.0	0.0					
GT	5.0	1520.0	2570.0	3130.0	4170.0	3130.0	0.0	0.0	0.0	
ET	0.0	0.0	0.0	0.0	0.0	7.11	500.00	700.00	0.0	0.0

X1	3.25	28.0	590.0	643.0	600.0	200.0	500.0	0.0	0.0	0.0
GR	2134.8	0.0	2130.4	22.0	2126.2	53.0	2122.9	91.0	2122.8	120.0
GR	2121.8	142.0	2122.8	108.0	2123.6	194.0	2124.0	225.0	2122.1	265.0
GR	2120.9	304.0	2120.8	373.0	2121.4	459.0	2121.4	590.0	2113.5	600.0
GR	2112.2	620.0	2113.0	620.0	2113.5	630.0	2120.5	643.0	2121.9	722.0
GR	2122.5	776.0	2124.0	817.0	2126.2	856.0	2128.7	876.0	2136.1	890.0
GR	2140.4	927.0	2142.2	908.0	2142.2	1038.0	0.0	0.0	0.0	0.0
NC	0.070	0.070	0.065	0.0	0.0					
GT	5.0	1250.0	2100.0	2070.0	3420.0	2570.0	0.0	0.0	0.0	
ET	0.0	0.0	0.0	0.0	0.0	7.11	180.00	340.00	0.0	0.0

X1	3.57	24.0	242.0	276.0	1610.0	1000.0	1610.0	0.0	0.0	0.0
GR	2144.8	0.0	2141.1	6.0	2136.6	15.0	2135.8	39.0	2133.5	90.0
GR	2120.0	110.0	2120.4	108.0	2127.4	206.0	2127.5	242.0	2122.0	240.0

GR	2128.5	338.	2129.1	453.	2131.6	483.	2136.3	509.	2139.5	535.
GR	2142.1	573.	2143.6	620.	2144.5	667.	2146.5	697.	0.0	0
ET	C.	0.0	0.0	0.0	0.0	7.11	180.00	340.00	0.0	0.0

X1	3.57	24.	210.	290.	40.	40.	40.	0.0	0.0	0
	10.	0.0	0.0	0.	C.C	0.	0.0	2131.0	2131.0	
CR	2144.8	0.	2141.1	6.	2136.6	15.	2135.8	39.	2133.5	92
GR	2132.2	118.	2128.4	148.	2127.4	206.	2127.5	210.	2125.5	231
GR	2122.4	238.	2121.1	258.	2123.0	280.	2127.5	282.	2127.6	290
CR	2128.5	338.	2129.1	453.	2131.6	483.	2136.3	509.	2139.5	535
GR	2142.1	573.	2143.6	620.	2144.5	667.	2146.5	697.	0.0	0
SB	1.25	1.60	3.00	0.	27.00	2.00	365.00	1.80	2121.1	2121.
ET	C.	0.0	0.0	0.0	0.0	7.11	180.00	340.00	0.0	0.0

X1	3.57	0.	0.	0.	30.	30.	30.	0.0	0.0	0
X2	0.	0.0	1.	2130.0	2131.1	0.0	0.	C.C	0.0	0
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2132.0	2132.0	
ET	19.0	0.0	2144.8	0.0	6.0	2141.1	0.0	15.0	2136.6	0.
BT	39.0	2135.8	0.0	92.0	2133.5	0.0	104.0	2132.8	C.0	210.
BT	2132.0	C.C	210.0	2133.5	0.0	289.0	2133.5	0.0	289.0	2131.
ET	C.0	394.0	2131.7	0.0	473.0	2131.1	0.0	483.0	2131.6	0.
ET	509.0	2136.3	0.0	535.0	2139.5	0.0	573.0	2142.1	0.0	620.
ET	2143.6	0.0	667.0	2144.5	0.0	697.0	2146.5	0.0	0.0	0.
ET	C.	0.0	0.0	0.0	0.0	7.11	180.00	340.00	0.0	0.0

X1	3.57	24.	242.	216.	10.	10.	10.	C.0	C.0	0
CR	2144.8	0.	2141.1	6.	2136.6	15.	2135.8	39.	2133.5	92
GR	2132.2	118.	2128.4	148.	2127.4	206.	2127.5	242.	2122.0	248
GR	2121.5	253.	2120.7	255.	2121.5	260.	2122.0	265.	2127.4	276
CR	2128.5	338.	2129.1	453.	2131.6	483.	2136.3	509.	2139.5	535
CR	2142.1	573.	2143.6	620.	2144.5	667.	2146.5	697.	0.0	0
GT	5.	1230.	2090.	2540.	3400.	2540.	0.	0.	0.	
ET	C.	0.0	0.0	0.0	0.0	7.11	180.00	340.00	0.0	0.0

X1	3.70	0.	0.	0.	650.	650.	650.	0.0	0.70	0
QT	5.	1210.	2070.	2500.	3350.	2500.	0.	0.	0.	
ET	C.	0.0	0.0	0.0	0.0	7.11	180.00	340.00	0.0	0.0

X1	3.80	0.	0.	0.	530.	530.	530.	0.0	3.50	0
NC	0.070	0.070	0.060	0.0	C.0					
QT	5.	1180.	2000.	2450.	3280.	2450.	0.	0.	0.	
ET	C.	0.0	0.0	0.0	0.0	7.11	100.00	250.00	0.0	0.0

X1	4.03	28.	137.	191.	620.	1020.	1020.	0.0	0.0	0
GR	2152.2	0.	2146.2	12.	2135.8	35.	2135.8	47.	2136.3	67
GR	2134.8	87.	2134.3	104.	2135.2	123.	2135.9	137.	2129.5	147
GR	2129.0	148.	2128.2	152.	2129.0	155.	2129.5	158.	2130.7	160
GR	2135.5	191.	2137.2	209.	2137.2	367.	2139.7	396.	2143.7	417
GR	2146.8	437.	2148.5	474.	2147.8	497.	2147.0	533.	2147.5	577
CR	2148.4	615.	2150.4	649.	2151.6	671.	C.0	0.	0.0	0
NC	C.100	0.080	0.060	0.0	0.0					
ET	5.	1140.	1960.	2380.	3180.	2380.	0.	0.	0.	
ET	C.	0.0	0.0	0.0	0.0	7.11	40.00	180.00	0.0	0.0

X1	4.30	25.	57.	152.	800.	1600.	1400.	0.0	-3.00	0
GR	2160.3	0.	2155.0	16.	2146.4	24.	2143.8	35.	2142.8	5
GR	2139.7	61.	2139.2	55.	2138.8	69.	2139.2	74.	2139.7	8
GR	2142.7	102	2142.3	150	2140.7	145.	2141.6	164.	2142.7	20

