

MITCHELL

CREEK

THIS RUN EXECUTED 25 MAR 83 10.09.31

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 HEC2 RELEASE DATED NOV 76 UPDATED MARCH 1982  
 ERROR CORR - 01,02,03,04,05  
 MODIFICATION - 50,51,52,53,54,55  
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01  
 01  
 01  
 01

T1 MITCHELL CREEK  
 T2 CRAVEN COUNTY, NORTH CAROLINA  
 T3 10-YEAR FLOOD

J1	ICHECK	IVW	VIVW	IDIR	STRT	METRIC	HVINS	Q	WSEL	F0
	-0.	2.	-0.	-0.	0.	-0.	-0.	-0.	.250	-0.
J2	NPROF	IPL0T	PREVS	XSECV	XSECH	FN	ALLOC	IRW	CHNIM	ITRACE
	-0.	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	110.000	150.000	200.000	201.000	-0.	-0.	-0.	-0.	-0.	-0.
J6	IHLER	ICOPY								
	1.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
VC	.200	.200	.040	.100	.300	-0.	-0.	-0.	-0.	-0.
QT	5.000	469.000	944.000	1229.000	2142.000	1229.000	-0.	-0.	-0.	-0.
X1	1.000	19.000	400.000	993.000	-0.	-0.	-0.	-0.	-0.	-0.
GR	5.400	0.	5.200	200.000	9.300	292.000	9.600	312.000	10.200	352.000
GR	2.200	400.000	-3.900	468.000	-6.100	543.000	-5.900	518.000	-5.700	693.000
GR	-5.400	768.000	-5.300	343.000	-3.700	918.000	.700	993.000	5.000	1097.000
GR	9.000	1191.000	10.900	1247.000	10.400	1347.000	9.900	1497.000	-0.	-0.
X1	2.000	23.000	481.000	971.000	3217.000	2650.000	2710.000	-0.	-0.	-0.
GR	13.200	0.	11.100	110.000	9.200	194.000	12.100	244.000	10.300	310.000
GR	11.500	362.000	11.300	412.000	3.100	464.000	1.700	481.000	-3.400	531.000
GR	-5.300	581.000	-5.500	631.000	-5.600	681.000	-5.500	731.000	-5.300	781.000
GR	-5.100	831.000	-5.000	881.000	-4.500	931.000	.100	971.000	4.300	1069.000
GR	7.600	1241.000	12.400	1411.000	14.000	1511.000	-0.	-0.	-0.	-0.
JT	5.000	396.000	804.000	1751.000	1845.000	1051.000	-0.	-0.	-0.	-0.
X1	3.000	19.000	646.000	350.000	3064.000	3390.000	3035.000	-0.	-0.	-0.
GR	11.500	0.	12.600	200.000	10.200	270.000	.900	450.000	.200	646.000
GR	-3.100	676.000	-3.300	706.000	-2.700	736.000	-2.400	766.000	-1.700	796.000
GR	-5.500	826.000	.700	850.000	.900	1186.000	1.200	1234.000	5.200	1300.000
GR	12.100	1462.000	13.300	1510.000	15.600	1592.000	16.200	1710.000	-0.	-0.



THIS RUN EXECUTED 25 MAR 83 10.09.31

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 HEC2 RELEASE DATED NOV 75 UPDATED MARCH 1982  
 ERROR CORR - 01,02,03,04,05  
 MODIFICATION - 50,51,52,53,54,55  
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T1 MITCHELL CREEK  
 T2 CRAVEN COUNTY, NORTH CAROLINA  
 T3 50-YEAR FLOOD

J1	ICHECK	IV3	VIVV	IDIR	STRT	METRIC	HVINS	3	JSEL	F2
	-0.	3.	-0.	-0.	-0.	-0.	-0.	-0.	.250	-0.
J2	NPROF	IPLOT	PRFVS	KSECV	KSECH	FN	ALLOC	IBW	CHNIM	ITRACE
	2.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 25 MAR 83 10.09.31

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 HEC2 RELEASE DATED NOV 76 UPDATED MARCH 1982  
 ERROR CORR - 01,02,03,04,05  
 MODIFICATION - 50,51,52,53,54,55  
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T1 MITCHELL CREEK  
 T2 CRAVEN COUNTY, NORTH CAROLINA  
 T3 100-YEAR FLOOD

J1	ICHECK	IND	VIVV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-0.	4.	-0.	-0.	-0.	-0.	-0.	-0.	.250	-0.
J2	NPROF	IPLDT	PRFVS	XSECV	XSECH	FN	ALLOC	IBW	CHNIM	ITRACE
	3.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

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 HEC2 RELEASE DATED NOV 75 UPDATED MARCH 1982  
 ERROR CORR - 01,02,03,04,05  
 MODIFICATION - 50,51,52,53,54,55  
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T1 MITCHELL CREEK  
 T2 CRAVEN COUNTY, NORTH CAROLINA  
 T3 500-YEAR FLOOD

J1	ICHECK	IND	VINV	IDIR	STRT	METRIC	HVINS	Q	SEL	FQ
	-0.	5.	-0.	-0.	-0.	-0.	-0.	-0.	.250	-0.
J2	NPROF	IPLDT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 25 MAR 83 10.09.31

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 REC2 RELEASE DATED NOV 76 UPDATED MARCH 1982  
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 MODIFICATION - 50,51,52,53,54,55  
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NOTE- ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

AR FLOOD

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
1.000	.25	0.	.25	563.59	0.	469.00	0.	0.	0.	400.00	993.00	0.
1.000	.25	0.	.25	563.59	0.	944.00	0.	0.	0.	400.00	993.00	0.
1.000	.25	0.	.25	563.59	0.	1229.00	0.	0.	0.	400.00	993.00	0.
1.000	.25	0.	.26	563.59	0.	2142.00	0.	0.	0.	400.00	993.00	0.
2.000	.25	0.	.25	479.52	0.	469.00	0.	0.	0.	481.00	971.00	0.
2.000	.23	0.	.28	480.25	0.	944.00	0.	0.	0.	481.00	971.00	0.
2.000	.30	0.	.31	480.93	0.	1229.00	0.	0.	0.	481.00	971.00	0.
2.000	.41	0.	.42	484.28	0.	2141.98	0.	0.	0.	481.00	971.00	0.
3.000	.47	0.	.48	273.55	.22	395.78	0.	0.	0.	646.00	850.00	0.
3.000	.34	0.	.37	609.75	3.74	799.89	.37	0.	0.	646.00	850.00	0.
3.000	1.05	0.	1.09	761.78	9.88	1035.86	5.26	0.	0.	646.00	850.00	0.
3.000	1.62	0.	1.71	804.89	45.61	1746.80	53.59	0.	0.	646.00	850.00	0.
4.000	2.56	0.	2.74	82.72	0.	155.00	0.	0.	0.	646.00	850.00	0.
4.000	3.41	0.	3.50	300.26	15.23	315.77	0.	0.	0.	646.00	850.00	0.
4.000	3.64	0.	3.74	304.37	34.43	406.57	0.	0.	0.	646.00	850.00	0.
4.000	4.27	0.	4.40	315.56	111.42	697.58	0.	0.	0.	646.00	850.00	0.
1.100	11.49	0.	11.56	93.38	34.29	105.24	25.47	0.	0.	400.00	408.00	0.
1.100	12.09	0.	12.28	108.42	91.56	195.47	63.97	0.	0.	400.00	408.00	0.
1.100	12.56	0.	12.78	116.79	136.36	236.42	94.22	0.	0.	400.00	408.00	0.
1.100	13.73	0.	14.02	142.07	293.34	356.42	207.24	0.	0.	400.00	408.00	0.
1.200	11.55	0.	12.52	5.00	0.	165.00	0.	0.	0.	401.50	406.50	0.
1.200	13.07	0.	13.06	125.36	147.02	108.36	95.62	0.	0.	401.50	406.50	0.
1.200	13.29	0.	13.38	131.92	200.14	135.15	131.71	0.	0.	401.50	406.50	0.
1.200	14.52	0.	14.73	161.14	389.41	194.77	272.82	0.	0.	401.50	406.50	0.
1.300	13.21	0.	13.62	5.00	0.	165.00	0.	0.	0.	401.50	406.50	0.
1.300	14.87	0.	14.83	166.76	160.49	75.66	113.84	0.	0.	401.50	406.50	0.
1.300	15.13	0.	15.15	250.09	214.56	98.19	154.25	0.	0.	401.50	406.50	0.
1.300	15.55	0.	15.60	550.52	393.25	162.44	301.31	0.	0.	401.50	406.50	0.

SECNO	CWSEL	DIFKJS	EG	TOPWID	ALOB	QCH	QROB	PERENC	STENCE	STCHL	STCHR	STENCR
1.400	13.75	0.	13.77	142.65	58.12	65.78	41.10	0.	0.	400.00	408.00	0.
1.400	14.90	0.	14.92	167.35	132.36	120.99	97.65	0.	0.	400.00	408.00	0.
1.400	15.17	0.	15.20	245.30	178.68	155.83	133.08	0.	0.	400.00	408.00	0.
1.400	15.65	0.	15.73	471.36	323.59	260.99	272.52	0.	0.	400.00	408.00	0.



AR FLOOD

SUMMARY PRINTOUT TABLE 150

SECNO	KLCH	ELTRD	ELLC	ELMIV	Q	CWSEL	CRIJS	ES	10K+S	VCH	AREA	.01K
1.000	0.	0.	0.	-6.10	469.00	.25	-5.28	.25	.03	.17	2756.47	2949.49
1.000	0.	0.	0.	-6.10	944.00	.25	-5.04	.25	.10	.34	2756.47	2949.49
1.000	0.	0.	0.	-6.10	1229.00	.25	-4.92	.25	.17	.45	2756.47	2949.49
1.000	0.	0.	0.	-6.10	2142.00	.25	-4.59	.26	.53	.78	2756.47	2949.49
2.000	2710.00	0.	0.	-5.60	469.00	.26	-4.95	.26	.04	.20	2334.53	2501.95
2.000	2710.00	0.	0.	-5.60	944.00	.28	-4.70	.28	.14	.40	2345.12	2519.97
2.000	2710.00	0.	0.	-5.60	1229.00	.30	-4.58	.31	.23	.52	2354.90	2536.64
2.000	2710.00	0.	0.	-5.60	2142.00	.41	-4.25	.42	.67	.89	2403.71	2620.18
3.000	3035.00	0.	0.	-3.30	396.00	.47	-2.09	.48	1.39	.80	503.39	335.53
3.000	3035.00	0.	0.	-3.30	804.00	.84	-1.62	.87	3.66	1.41	640.56	420.13
3.000	3035.00	0.	0.	-3.30	1051.00	1.05	-1.41	1.09	4.83	1.70	791.53	478.18
3.000	3035.00	0.	0.	-3.30	1946.00	1.62	-.84	1.71	7.64	2.40	1248.10	667.98
4.000	1400.00	0.	0.	1.50	155.00	2.56	2.46	2.74	178.47	3.36	46.12	11.60
4.000	1400.00	0.	0.	1.50	331.00	3.41	2.80	3.50	33.58	2.47	198.15	57.12
4.000	1400.00	0.	0.	1.50	441.00	3.64	2.97	3.74	32.65	2.67	267.94	77.17
4.000	1400.00	0.	0.	1.50	809.00	4.27	3.44	4.40	30.32	3.11	463.00	146.91
1.100	1975.00	0.	0.	6.20	165.00	11.48	9.45	11.56	25.51	2.86	159.52	32.67
1.100	1975.00	0.	0.	6.20	351.00	12.08	10.73	12.28	58.37	4.70	219.74	45.94
1.100	1975.00	0.	0.	6.20	467.00	12.56	11.23	12.78	63.65	5.20	273.23	58.54
1.100	1975.00	0.	0.	6.20	857.00	13.73	12.16	14.02	77.50	6.51	424.55	97.35
1.200	100.00	0.	0.	6.80	165.00	11.86	10.02	12.52	175.33	6.53	25.28	12.46
1.200	100.00	0.	0.	6.80	351.00	13.00	13.00	13.06	38.33	3.50	313.52	56.69
1.200	100.00	0.	0.	6.80	467.00	13.29	12.85	13.38	51.00	4.16	351.80	65.39
1.200	100.00	0.	0.	6.80	857.00	14.52	12.86	14.73	57.02	4.98	546.14	113.49
1.300	51.00	13.70	11.80	6.80	165.00	13.21	0.	13.62	79.46	5.15	32.05	18.51
1.300	51.00	13.70	11.80	6.80	351.00	14.97	0.	14.88	7.94	1.90	587.97	124.59
1.300	51.00	13.70	11.80	6.90	467.00	15.13	0.	15.15	11.77	2.36	635.85	136.13
1.300	51.00	13.70	11.80	6.80	857.00	15.55	0.	15.60	27.30	3.71	835.10	164.03
1.400	50.00	0.	0.	6.20	165.00	13.76	9.92	13.77	2.96	1.30	423.82	95.84
1.400	50.00	0.	0.	6.20	351.00	14.90	10.94	14.92	5.76	2.03	600.82	146.28
1.400	50.00	0.	0.	6.20	467.00	15.17	11.35	15.20	8.48	2.52	656.05	160.35
1.400	50.00	0.	0.	6.20	857.00	15.65	12.38	15.73	19.45	3.98	852.30	194.32

AR FLOOD

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
1.000	469.00	.25	0.	0.	0.	563.59	0.
1.000	944.00	.25	0.	0.	0.	563.59	0.
1.000	1229.00	.25	0.	0.	0.	563.59	0.
1.000	2142.00	.25	0.	0.	0.	563.59	0.
2.000	469.00	.25	0.	.01	0.	479.52	2710.00
2.000	944.00	.25	.02	.03	0.	480.25	2710.00
2.000	1229.00	.30	.02	.05	0.	480.33	2710.00
2.000	2142.00	.41	.11	.16	0.	484.28	2710.00
3.000	336.00	.47	0.	.21	0.	273.55	3035.00
3.000	304.00	.84	.37	.56	0.	609.75	3035.00
3.000	1051.00	1.05	.21	.74	0.	761.78	3035.00
3.000	1346.00	1.62	.58	1.21	0.	804.39	3035.00
4.000	155.00	2.55	0.	2.09	0.	82.72	1400.00
4.000	331.00	3.41	.95	2.57	0.	300.26	1400.00
4.000	441.00	3.64	.23	2.59	0.	304.37	1400.00
4.000	809.00	4.27	.63	2.64	0.	315.56	1400.00
1.100	165.00	11.43	0.	9.92	0.	93.38	1975.00
1.100	351.00	12.09	.60	9.67	0.	105.42	1975.00
1.100	467.00	12.55	.48	9.92	0.	116.78	1975.00
1.100	857.00	13.73	1.17	9.46	0.	142.07	1975.00
1.200	165.00	11.86	0.	9.30	0.	5.00	100.00
1.200	351.00	13.00	1.14	.92	0.	125.36	100.00
1.200	467.00	13.29	.30	.74	0.	131.92	100.00
1.200	857.00	14.62	1.33	.89	0.	161.14	100.00
1.300	165.00	13.21	0.	1.35	0.	5.00	51.00
1.300	351.00	14.97	1.65	1.87	0.	166.76	51.00
1.300	467.00	15.13	.25	1.83	0.	250.08	51.00
1.300	857.00	15.55	.42	.93	0.	550.52	51.00
1.400	165.00	13.76	0.	.55	0.	142.65	50.00
1.400	351.00	14.90	1.14	.03	0.	167.35	50.00
1.400	467.00	15.17	.27	.04	0.	245.30	50.00
1.400	857.00	15.65	.46	.18	0.	471.36	50.00

FLOODWAY DATA, AR FLOOD  
PROFILE NO. 2

STATION	FLOODWAY WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION		
				WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
1.000	554.	27564	.3	.3	.3	0.0
2.000	480.	23450	.4	.3	.3	0.
3.000	610.	6414	1.3	.9	.5	.4
4.000	300.	1994	1.7	3.5	2.6	.9
1.100	135.	2204	1.6	12.1	11.5	.6
1.200	125.	3144	1.1	13.0	11.9	1.1
1.300	167.	5934	.6	14.9	13.2	1.7
1.400	167.	6014	.6	14.9	13.8	1.1

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FLOODWAY DATA, AR FLOOD  
PROFILE NO. 3

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION		
				WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
1.000	564.	2756.	.4	.3	.3	0.
2.000	481.	2355.	.5	.3	.3	0.
3.000	752.	7926.	1.3	1.1	.5	.6
4.000	304.	2636.	1.6	3.7	2.6	1.1
1.100	117.	2736.	1.7	12.6	11.5	1.1
1.200	132.	3526.	1.3	13.3	11.9	1.4
1.300	412.	6366.	.7	15.1	13.2	1.9
1.400	399.	6566.	.7	15.2	13.8	1.4

FLOODWAY DATA, AR FLOOD  
 PROFILE NO. 4

STATION	FLOODWAY		MEAN VELOCITY	WATER SURFACE ELEVATION		
	WIDTH	SECTION AREA		INT. FLOODWAY	INT/OUT FLOODWAY	DIFFERENCE
1.000	564.	27566	.8	.3	.3	.0
2.000	484.	24046	.9	.5	.3	.2
3.000	805.	12436	1.5	1.7	.5	1.2
4.000	316.	4636	1.7	4.3	2.6	1.7
1.100	142.	4256	2.0	13.7	11.5	2.2
1.200	161.	5466	1.6	14.7	11.9	2.8
1.300	551.	3356	1.0	15.5	13.2	2.3
1.400	471.	3526	1.0	15.7	13.8	1.9

THIS RUN EXECUTED 26 APR 83 13.39.52

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 HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982  
 ERROR CORR - 01,02,03,04,05  
 MODIFICATION - 50,51,52,53,54,55  
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T1 MITCHELL CREEK  
 T2 CRAVEN COUNTY, NORTH CAROLINA  
 T3 BASE FLOOD

J1	ICHECK	IVR	NIVV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-0.	4.	-0.	-0.	-0.	-0.	-0.	-0.	.250	-0.
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	1.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	200.000	110.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
J5	LPRNT	NUMSEC	*****REQUESTED SECTION NUMBERS*****							
	-10.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
J6	IHLG	ICOPY								
	1.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
NC	.200	.200	.040	.100	.300	-0.	-0.	-0.	-0.	-0.
QT	5.000	469.000	944.000	1229.000	2142.000	1229.000	-0.	-0.	-0.	-0.
ET	-0.	-0.	-0.	-0.	-0.	10.400	-0.	-0.	-0.	-0.
X1	1.000	19.000	400.000	993.000	-0.	-0.	-0.	-0.	-0.	-0.
GR	5.400	0.	5.200	200.000	9.300	292.000	9.600	312.000	10.200	352.000
GR	2.200	400.000	-3.900	468.000	-6.100	543.000	-5.900	618.000	-5.700	693.000
GR	-5.400	768.000	-5.300	843.000	-3.700	918.000	.700	993.000	5.000	1097.000
GK	9.000	1191.000	10.900	1247.000	10.400	1347.000	9.900	1497.000	-0.	-0.
ET	-0.	-0.	-0.	-0.	-0.	8.400	-0.	-0.	-0.	-0.
X1	2.000	25.000	481.000	971.000	3217.000	2650.000	2710.000	-0.	-0.	-0.
GR	13.200	0.	11.100	110.000	8.200	194.000	12.100	244.000	10.300	310.000
GR	11.500	362.000	11.300	412.000	3.100	464.000	1.700	481.000	-3.400	531.000
GR	-5.300	581.000	-5.600	631.000	-5.600	681.000	-5.500	731.000	-5.300	781.000
GR	-5.100	831.000	-5.000	881.000	-4.500	931.000	.100	971.000	4.300	1069.000
GR	7.600	1241.000	12.400	1411.000	14.000	1511.000	-0.	-0.	-0.	-0.



THIS RUN EXECUTED 26 APR 83 13.39.52

\*\*\*\*\*  
 HEC2 RELEASE DATED NOV. 76 UPDATED MARCH 1982  
 ERROR CORR - 01,02,03,04,05  
 MODIFICATION - 50,51,52,53,54,55  
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T1 MITCHELL CREEK  
 T2 CRAVEN COUNTY, NORTH CAROLINA  
 T3 FLOODWAY

J1	ICHECK	INQ	NIVW	IDIR	STRT	METRIC	HVINS	Q	JSEL	FG
	-0.	6.	-0.	-0.	-0.	-0.	-0.	-0.	1.250	-0.
J2	NPROF	IPLOT	PREVS	YSECV	XSECH	FN	ALLDC	IBW	CHNIN	ITRACE
	15.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

IMLEQ = 1. THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH. SEE DOCUMENTATION FOR DETAILS.



THIS RUN EXECUTED 26 APR 83 13.39.52

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 HEC2 RELEASE DATED NOV 75 UPDATED MARC 1982  
 ERROR CORR - 01,02,03,04,05  
 MODIFICATION - 50,51,52,53,54,55  
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NOTE- ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

BASE FLOOR

SUMMARY PRINTOUT TABLE 110

SECTION	CASEL	DIFKZS	EG	TOPWID	QLDB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
1.000	.25	0.	.25	563.59	0.	1229.00	0.	0.	0.	400.00	993.00	0.
1.000	1.25	1.00	1.25	582.41	0.	1229.00	0.	.00	400.00	400.00	993.00	993.00
2.000	.30	0.	.31	480.93	0.	1229.00	.00	0.	0.	481.00	971.00	0.
2.000	1.25	.99	1.25	485.93	0.	1229.00	0.	.00	481.00	481.00	971.00	971.00
3.000	1.05	0.	1.05	751.78	9.88	1035.86	5.26	0.	0.	646.00	850.00	0.
3.000	1.55	.54	1.71	204.00	0.	1051.00	0.	.07	646.00	646.00	850.00	850.00
4.000	3.52	0.	3.74	304.07	32.80	405.70	2.50	0.	0.	646.00	736.00	0.
4.000	3.80	.18	3.92	90.00	0.	441.00	0.	.16	646.00	646.00	736.00	736.00
1.100	12.46	0.	12.68	114.67	126.25	227.46	87.29	0.	0.	400.00	408.00	0.
1.100	12.95	.49	13.33	36.90	107.56	292.89	40.55	.31	378.90	400.00	408.00	415.81
1.200	13.19	0.	13.27	129.45	187.49	130.69	122.82	0.	0.	401.50	406.50	0.
1.200	13.91	.73	14.04	51.76	188.66	161.37	90.97	.30	369.77	401.50	406.50	421.53
1.300	15.07	0.	15.10	207.59	202.42	93.48	145.10	0.	0.	401.50	406.50	0.
1.300	15.80	.73	15.83	78.00	194.29	109.73	136.98	.31	359.31	401.50	406.50	437.31
1.400	15.11	0.	15.15	226.68	167.75	148.21	125.04	0.	0.	400.00	408.00	0.
1.400	15.24	.73	15.89	76.30	144.05	175.25	121.70	.28	363.56	400.00	408.00	439.87