

21 Dec 78
JY

CHECK RELEASE DATED NOV 76 UPDATED AUG 1977
ERROR CORR - 01/02
MODIFICATION - 190,51,52/53

FIA [Signature]

ENO RIVER ORANGE COUNTY
TI ORANGE COUNTY FIA STUDY

TINA RIVER

054

ENO RIVER

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21 Dec 78
JF

FIA COPY

ENO RIVER
054

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

C ENO RIVER ORANGE CO INC
T1 ORANGE COUNTY FIA STUDY
T2 ENO RIVER
T3 10 YEAR NATURAL PROFILE

J1	ICHECK	INW	NINW	IDIR	SIRI	MEINC	HVINS	W	ALL	FR
	0	2	0	0	0.000000	0.00	0.0	0	528.500	0.000
J2	NPROF	IPLU1	PRFVS	XSECV	XSLCH	FR	ALLC	IPR	CONIM	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 PRINTOUT									
	38.000	1.000	3.000	42.000	41.000	10.000	0.000	38.000	1.000	13.000
	14.000	15.000	55.000	26.000	26.000	0.000	58.000	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
XC	0.100	0.100	0.050	0.100	0.300	0.000	0.000	0.000	0.000	0.000
QI	5.000	4200.000	7200.000	8800.000	13500.000	8800.000	0.000	0.000	0.000	0.000
EI	0.000	0.000	0.000	0.000	0.000	7.400	0.000	0.000	0.000	0.000
X1	179320.000	12.000	1000.000	1057.000	1790.000	1790.000	1790.000	0.000	0.000	0.000
GR	558.000	730.000	542.000	830.000	532.700	902.000	524.300	940.000	524.300	1087.000
GR	519.500	1005.000	519.200	1015.000	519.300	1055.000	519.500	1051.000	524.200	1087.000
GR	527.700	1087.000	546.100	1128.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	179420.000	15.000	940.000	1080.000	100.000	100.000	100.000	0.000	0.000	0.000
GR	554.000	730.000	543.000	830.000	533.700	902.000	530.300	940.000	524.300	1087.000
GR	521.200	1000.000	520.300	1010.000	520.300	1070.000	524.000	1080.000	524.700	1087.000
GR	558.000	1108.000	540.000	1114.000	550.000	1350.000	0.000	0.000	0.000	0.000
XC	0.000	0.000	0.000	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	179600.000	15.000	940.000	1108.000	100.000	100.000	100.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	559.000	730.000	543.000	830.000	533.700	902.000	530.300	940.000	524.300	1087.000
GR	521.200	1000.000	520.300	1010.000	520.300	1070.000	524.000	1080.000	524.700	1087.000
GR	558.000	1108.000	540.000	1114.000	550.000	1350.000	0.000	0.000	0.000	0.000
SB	1.250	1.600	12.800	0.000	112.000	9.000	3475.000	1.160	520.600	520.600

DE-41 US 74

X1	179640.000	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	548.000	551.000	0.000	0.000	0.000	0.000	40.000

BI	7.000	730.000	559.000	0.000	785.000	551.900	0.000	892.000	551.000	0.000
BJ	1192.000	551.000	0.000	1292.000	552.100	0.000	1392.000	553.000	0.000	1492.000
BT	556.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
XI	179700.000	13.000	990.000	1080.000	60.000	60.000	60.000	0.000	0.500	0.000
GR	559.000	730.000	543.800	830.000	533.700	902.000	530.300	940.000	524.300	990.000
GR	521.200	1000.000	520.300	1010.000	520.300	1070.000	524.000	1080.000	528.700	1087.000
GR	538.000	1108.000	540.000	1114.000	550.000	1350.000	0.000	0.000	0.000	0.000
GT	5.000	4130.000	7070.000	8700.000	13400.000	8700.000	0.000	0.000	0.000	0.000
XI	180000.000	0.000	0.000	0.000	300.000	300.000	300.000	0.000	0.500	0.000
XI	180250.000	0.000	0.000	0.000	250.000	250.000	250.000	0.000	0.700	0.000
XI	180269.000	0.000	0.000	0.000	39.000	39.000	39.000	0.000	0.000	0.000
NC	0.065	0.100	0.015	0.400	0.600	0.000	0.000	0.000	0.000	0.000
DE-44 DAM										
XI	180290.000	9.000	1010.000	1110.000	1.000	1.000	1.000	0.000	0.000	0.000
GR	557.000	924.000	554.500	930.000	542.900	1010.000	537.900	1011.000	537.800	1109.000
GR	547.500	1110.000	548.000	1140.000	551.300	1224.000	555.000	1250.000	0.000	0.000
XI	180310.000	0.000	0.000	0.000	20.000	20.000	20.000	0.000	0.000	0.000
NC	0.100	0.100	0.050	0.100	0.300	0.000	0.000	0.000	0.000	0.000
XI	181000.000	13.000	1050.000	1100.000	690.000	690.000	690.000	0.000	-1.000	0.000
GR	560.000	820.000	550.000	890.000	540.000	900.000	530.000	1000.000	530.000	1050.000
GR	530.000	1060.000	530.000	1090.000	536.000	1100.000	536.000	1150.000	536.000	1210.000
GR	540.000	1270.000	550.000	1310.000	560.000	1350.000	0.000	0.000	0.000	0.000
GT	5.000	3750.000	6500.000	8100.000	12800.000	8100.000	0.000	0.000	0.000	0.000
XI	18220.000	0.000	0.000	0.000	1280.000	1280.000	1280.000	0.000	1.000	1.000
XI	183000.000	0.000	0.000	0.000	800.000	800.000	800.000	0.000	1.000	0.000
XI	180440.000	12.000	1000.000	1039.000	5360.000	5360.000	5360.000	0.000	0.000	0.000
GR	570.000	725.000	560.000	748.000	550.000	875.000	540.000	920.000	530.000	1000.000
GR	535.100	1000.000	535.100	1020.000	538.000	1050.000	540.000	1020.000	530.000	1070.000
GR	560.000	1360.000	570.000	1400.000	0.000	0.000	0.000	0.000	0.000	0.000
GT	5.000	6640.000	6250.000	7950.000	12050.000	7900.000	0.000	0.000	0.000	0.000
DE-45 ALLEY										
XI	189050.000	15.000	1000.000	1039.000	2650.000	2650.000	2650.000	0.000	0.000	0.000
GR	564.600	648.000	562.500	748.000	555.000	848.000	545.500	940.000	544.700	1000.000
GR	538.000	1000.000	538.000	1010.000	530.400	1020.000	530.600	1020.000	542.200	1039.000
GR	543.300	1040.000	548.200	1060.000	550.300	1240.000	541.400	1340.000	564.000	1358.000
GT	5.000	3530.000	6200.000	7800.000	12500.000	7800.000	0.000	0.000	0.000	0.000
XI	189200.000	13.000	1000.000	1039.000	110.000	110.000	110.000	0.000	0.000	0.000
GR	565.000	800.000	545.300	948.000	544.700	1000.000	538.800	1000.000	532.300	1040.000
GR	538.000	1020.000	538.600	1026.000	543.200	1039.000	543.100	1000.000	540.200	1050.000

X1	189300.000	13.000	1000.000	1039.000	100.000	100.000	100.000	0.000	1.100	0.000
GR	565.000	800.000	545.300	948.000	544.700	1000.000	538.800	1008.000	538.300	1010.000
GR	538.400	1020.000	538.600	1026.000	543.200	1039.000	543.300	1048.000	548.200	1060.000
GR	548.400	1085.000	561.500	1190.000	565.000	1200.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.000	0.400	0.600	0.000	0.000	0.000	0.000	0.000

OE-45A DAM

X1	189430.000	15.000	1000.000	1039.000	130.000	130.000	130.000	0.000	0.000	0.000
GR	574.300	840.000	559.600	901.000	551.500	905.000	546.900	948.000	548.300	1000.000
GR	540.400	1008.000	539.900	1010.000	540.000	1020.000	540.200	1026.000	544.800	1039.000
GR	544.900	1048.000	551.200	1064.000	558.500	1086.000	572.200	1107.000	576.100	1124.000
SH	0.000	1.600	3.000	0.000	0.100	0.090	1.000	0.000	540.000	540.000

X1	189445.000	0.000	0.000	0.000	15.000	15.000	15.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	550.000	551.800	0.000	0.000	0.000	0.000	0.000
BT	10.000	0.000	574.300	0.000	61.000	559.500	0.000	62.000	551.500	0.000
BT	67.000	551.500	0.000	70.000	554.500	0.000	155.000	553.700	0.000	200.000
BT	555.000	0.000	245.000	558.500	0.000	267.600	572.200	0.000	284.000	576.000
BT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.000	0.100	0.300	0.000	0.000	0.000	0.000	0.000

X1	189700.000	15.000	1000.000	1039.000	255.000	255.000	255.000	0.000	1.000	0.000
GR	574.300	840.000	559.600	901.000	551.500	905.000	546.900	948.000	548.300	1000.000
GR	540.400	1008.000	539.900	1010.000	540.000	1020.000	540.200	1026.000	544.800	1039.000
GR	544.900	1048.000	551.200	1064.000	558.500	1086.000	572.200	1107.000	576.100	1124.000

OE-46 VALLEY

X1	191000.000	15.000	1000.000	1039.000	1300.000	1300.000	1300.000	0.000	0.000	0.000
GR	573.700	874.000	557.300	947.000	555.600	974.000	554.900	1000.000	552.200	1002.000
GR	542.000	1012.000	547.900	1022.000	547.400	1032.000	547.200	1042.000	548.900	1052.000
GR	551.500	1053.000	556.200	1065.000	556.800	1080.000	568.500	1115.000	574.300	1136.000

X1	191100.000	0.000	0.000	0.000	100.000	100.000	100.000	0.000	0.100	0.000
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X1	191200.000	0.000	0.000	0.000	100.000	100.000	100.000	0.000	0.100	0.000
BT	5.000	5700.000	5700.000	7200.000	11800.000	7250.000	0.000	0.000	0.000	0.000

X1	192000.000	0.000	0.000	0.000	600.000	600.000	600.000	0.000	0.800	0.000
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X1	193000.000	0.000	0.000	0.000	1000.000	1000.000	1000.000	0.000	1.000	0.000
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OE-47 VALLEY

X1	197000.000	11.000	1000.000	1046.000	4000.000	4000.000	4000.000	0.000	0.000	0.000
GR	583.000	852.000	563.100	952.000	562.300	1000.000	552.600	1067.000	554.600	1017.000
GR	553.900	1027.000	554.800	1037.000	563.900	1046.000	564.200	1052.000	575.100	1152.000
GR	588.200	1252.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	199480.000	13.000	1000.000	1044.000	2480.000	2480.000	2480.000	0.000	0.000	0.000
GR	590.000	750.000	580.000	865.000	570.000	930.000	565.700	956.000	564.600	1000.000
GR	556.800	1008.000	556.400	1018.000	556.400	1039.000	561.300	1044.000	566.800	1061.000

 HEC2 RELEASE DATED NOV 76 UPDATED AUG 77
 ERROR CORR - 01,02
 MODIFICATION - 50,51,52,99

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

AR NATURAL PROFILE
 SUMMARY PRINTOUT

SECTN	CWSEL	EG	ELMTN	ELLC	HV
179320.000	528.50	529.49	519.20	0.00	0.99
179320.000	531.90	532.93	519.20	0.00	1.03
179320.000	533.30	534.39	519.20	0.00	1.05
179320.000	536.70	537.83	519.20	0.00	1.13
179420.000	529.42	529.83	520.30	0.00	0.41
179420.000	532.66	533.21	520.30	0.00	0.55
179420.000	534.00	534.62	520.30	0.00	0.62
179420.000	537.29	538.06	520.30	0.00	0.79
179600.000	529.87	530.19	520.60	0.00	0.32
179600.000	533.15	533.50	520.60	0.00	0.39
179600.000	534.52	534.95	520.60	0.00	0.43
179600.000	537.88	538.42	520.60	0.00	0.54
179640.000	529.93	530.25	520.60	548.00	0.31
179640.000	533.22	533.61	520.60	548.00	0.39
179640.000	534.59	535.03	520.60	548.00	0.44
179640.000	537.97	538.55	520.60	548.00	0.58
179700.000	530.00	530.40	520.80	0.00	0.40
179700.000	533.24	533.77	520.80	0.00	0.54
179700.000	534.60	535.21	520.80	0.00	0.61
179700.000	537.97	538.73	520.80	0.00	0.76
180000.000	530.53	530.91	521.30	0.00	0.39
180000.000	533.73	534.25	521.30	0.00	0.52
180000.000	535.09	535.65	521.30	0.00	0.59
180000.000	538.45	539.20	521.30	0.00	0.76
180250.000	530.95	531.37	522.00	0.00	0.42
180250.000	534.12	534.67	522.00	0.00	0.56
180250.000	535.48	536.11	522.00	0.00	0.63
180250.000	538.82	539.62	522.00	0.00	0.80
180289.000	531.03	531.44	522.00	0.00	0.41
180289.000	534.19	534.74	522.00	0.00	0.55
180289.000	535.55	536.18	522.00	0.00	0.62
180289.000	538.90	539.69	522.00	0.00	0.79

SECNO	CWSEL	EG	ELMIN	ELLC	HV
* 180290.000	541.64	543.54	537.80	0.00	1.89
* 180290.000	543.26	545.90	537.80	0.00	2.71
* 180290.000	544.07	547.17	537.80	0.00	3.10
* 180290.000	546.16	550.22	537.80	0.00	4.07
180310.000	542.71	543.86	537.80	0.00	1.15
180310.000	544.80	546.43	537.80	0.00	1.63
180310.000	545.83	547.69	537.80	0.00	1.86
180310.000	548.48	550.90	537.80	0.00	2.42
181000.000	544.22	544.28	528.40	0.00	0.06
181000.000	546.86	546.95	528.40	0.00	0.09
181000.000	548.13	548.24	528.40	0.00	0.11
181000.000	551.38	551.52	528.40	0.00	0.14
182280.000	544.57	544.64	530.00	0.00	0.07
182280.000	547.31	547.41	530.00	0.00	0.10
182280.000	548.62	548.74	530.00	0.00	0.12
182280.000	551.92	552.00	530.00	0.00	0.16
183080.000	544.85	544.94	531.00	0.00	0.09
183080.000	547.64	547.76	531.00	0.00	0.12
183080.000	548.98	549.11	531.00	0.00	0.14
183080.000	552.31	552.49	531.00	0.00	0.17
186440.000	546.38	546.47	533.10	0.00	0.08
186440.000	549.33	549.44	533.10	0.00	0.11
186440.000	550.73	550.85	533.10	0.00	0.12
186440.000	554.15	554.30	533.10	0.00	0.15
189090.000	548.79	549.64	538.30	0.00	0.85
189090.000	551.72	552.41	538.30	0.00	0.69
189090.000	553.08	553.69	538.30	0.00	0.61
189090.000	556.36	556.89	538.30	0.00	0.51
189200.000	549.32	550.14	538.90	0.00	0.82
189200.000	552.02	552.82	538.90	0.00	0.80
189200.000	553.29	554.08	538.90	0.00	0.78
189200.000	556.47	557.22	538.90	0.00	0.75
189300.000	549.77	550.60	539.40	0.00	0.83
189300.000	552.29	553.29	539.40	0.00	1.00
189300.000	553.47	554.55	539.40	0.00	1.08
189300.000	556.49	557.69	539.40	0.00	1.20
189430.000	550.41	551.20	539.90	0.00	0.74
189430.000	552.86	553.88	539.90	0.00	1.02
189430.000	554.04	555.18	539.90	0.00	1.14
189430.000	556.97	558.41	539.90	0.00	1.40
* 189445.000	557.93	558.82	539.90	550.00	0.09
* 189445.000	559.44	559.66	539.90	550.00	0.22
* 189445.000	560.19	560.50	539.90	550.00	0.31
* 189445.000	562.15	562.73	539.90	550.00	0.57

SECNO	CWSEL	EG	ELMIN	ELLC	HV
189700.000	558.00	558.11	540.90	0.00	0.11
189700.000	559.59	559.85	540.90	0.00	0.26
189700.000	560.39	560.74	540.90	0.00	0.35
189700.000	562.49	563.12	540.90	0.00	0.64
191000.000	558.69	559.08	547.20	0.00	0.40
191000.000	560.88	561.56	547.20	0.00	0.68
191000.000	561.99	562.82	547.20	0.00	0.83
191000.000	564.84	566.03	547.20	0.00	1.19
191100.000	558.86	559.25	547.30	0.00	0.39
191100.000	561.12	561.78	547.30	0.00	0.66
191100.000	562.28	563.07	547.30	0.00	0.80
191100.000	565.16	566.32	547.30	0.00	1.15
191200.000	559.02	559.40	547.40	0.00	0.38
191200.000	561.36	562.00	547.40	0.00	0.64
191200.000	562.54	563.31	547.40	0.00	0.77
191200.000	565.50	566.59	547.40	0.00	1.09
192000.000	560.18	560.47	548.20	0.00	0.28
192000.000	562.92	563.37	548.20	0.00	0.45
192000.000	564.26	564.80	548.20	0.00	0.54
192000.000	567.54	568.32	548.20	0.00	0.78
193000.000	561.20	561.56	549.20	0.00	0.26
193000.000	564.26	564.66	549.20	0.00	0.42
193000.000	565.71	566.20	549.20	0.00	0.49
193000.000	569.24	569.93	549.20	0.00	0.69
197000.000	566.77	567.22	553.90	0.00	0.45
197000.000	570.10	570.70	553.90	0.00	0.56
197000.000	571.70	572.36	553.90	0.00	0.60
197000.000	575.00	576.36	553.90	0.00	0.70
199400.000	570.25	570.55	556.40	0.00	0.25
199400.000	573.70	574.06	556.40	0.00	0.36
199400.000	575.52	575.72	556.40	0.00	0.40
199400.000	579.26	579.76	556.40	0.00	0.42
199505.000	570.09	570.06	556.40	0.00	0.17
199505.000	573.96	574.19	556.40	0.00	0.23
199505.000	575.01	575.05	556.40	0.00	0.24
199505.000	579.55	579.80	556.40	0.00	0.30
199615.000	570.52	570.69	556.50	573.50	0.17
199615.000	574.31	574.56	556.50	573.50	0.25
199615.000	576.15	576.37	556.50	573.50	0.26
199615.000	580.00	580.31	556.50	573.50	0.31
199700.000	570.55	570.81	556.70	0.00	0.25
199700.000	574.36	574.65	556.70	0.00	0.30
199700.000	576.16	576.46	556.70	0.00	0.32
199700.000	580.01	580.45	556.70	0.00	0.42

SECNO	CWSEL	EG	ELMIN	ELLC	HV
199980.000	570.77	571.18	558.40	0.00	0.41
199980.000	574.56	574.99	558.40	0.00	0.43
199980.000	576.36	576.81	558.40	0.00	0.45
199980.000	580.23	580.78	558.40	0.00	0.55
201320.000	572.82	573.13	559.70	0.00	0.31
201320.000	576.31	576.60	559.70	0.00	0.29
201320.000	578.03	578.31	559.70	0.00	0.29
201320.000	581.95	582.26	559.70	0.00	0.32
201950.000	573.70	574.06	561.00	0.00	0.36
201950.000	577.02	577.37	561.00	0.00	0.35
201950.000	578.67	579.02	561.00	0.00	0.34
201950.000	582.55	582.91	561.00	0.00	0.37

AR NATURAL PROFILE

SUMMARY PRINTOUT

SECNO	CWSEL	QLOB	RCH	OROB	VL08	VCH	VR08
179320.000	528.50	96.81	4000.50	102.69	1.35	8.18	1.65
179320.000	531.90	699.45	6022.95	477.60	2.23	8.82	2.61
179320.000	533.30	1136.71	6972.18	691.10	2.53	9.14	2.87
179320.000	536.70	2633.05	9517.47	1349.47	3.14	9.95	3.39
179420.000	529.42	127.87	4046.75	25.38	1.17	5.23	1.15
179420.000	532.66	511.92	6592.18	95.90	1.71	6.19	1.55
179420.000	534.00	784.21	7871.10	144.69	1.90	6.64	1.70
179420.000	537.29	1787.04	11388.92	324.05	2.39	7.69	2.03
179600.000	529.87	0.00	4200.00	0.00	0.00	4.53	0.00
179600.000	533.15	24.75	7175.25	0.00	0.69	5.04	0.00
179600.000	534.52	82.03	8717.97	0.00	0.98	5.31	0.00
179600.000	537.88	410.29	13089.71	0.00	1.54	5.98	0.00
179640.000	529.93	0.00	4200.00	0.00	0.00	4.49	0.00
179640.000	533.22	0.00	7200.00	0.00	0.00	5.02	0.00
179640.000	534.59	0.00	8800.00	0.00	0.00	5.32	0.00
179640.000	537.97	0.00	13500.00	0.00	0.00	6.12	0.00
179700.000	530.00	131.14	4642.75	26.11	1.16	5.18	1.15
179700.000	533.24	519.18	6583.67	97.17	1.70	6.14	1.54
179700.000	534.60	796.34	7856.74	146.72	1.89	6.58	1.68
179700.000	537.97	1815.76	11354.79	329.44	2.37	7.58	2.00
180000.000	530.53	130.15	5973.90	25.95	1.14	5.07	1.13
180000.000	533.73	509.39	6465.27	95.34	1.67	6.04	1.51
180000.000	535.09	785.82	7769.40	144.78	1.87	6.51	1.66
180000.000	538.45	1798.42	11275.31	326.27	2.33	7.34	1.99
180250.000	530.95	119.24	3987.28	23.48	1.17	5.26	1.14
180250.000	534.12	480.56	6499.12	90.32	1.71	6.23	1.55
180250.000	535.48	747.98	7813.43	138.59	1.91	6.70	1.71
180250.000	538.82	1747.58	11335.66	316.70	2.40	7.72	2.03
180289.000	531.03	122.16	3983.69	24.14	1.16	5.21	1.13
180289.000	534.19	486.49	6492.16	91.35	1.70	6.19	1.54
180289.000	535.55	755.88	7804.24	139.88	1.90	6.66	1.70
180289.000	538.90	1757.45	11323.95	310.60	2.39	7.69	2.02
* 180290.000	541.64	0.00	4130.00	0.00	0.00	11.04	0.00
* 180290.000	543.26	0.15	7069.85	0.00	0.34	13.22	0.00
* 180290.000	544.07	3.39	8696.61	0.00	0.72	14.13	0.00
* 180290.000	546.16	49.59	13350.41	0.00	1.36	16.21	0.00
180310.000	542.71	0.00	4130.00	0.00	0.00	8.01	0.00
180310.000	544.80	8.34	7061.66	0.00	0.67	10.26	0.00
180310.000	545.83	25.89	8674.11	0.00	0.88	10.97	0.00
180310.000	548.48	137.87	13254.41	7.91	1.26	12.36	0.32
181000.000	544.22	720.28	1965.78	1435.95	0.87	2.69	0.96
181000.000	546.86	1425.68	2998.62	2645.70	1.19	3.48	1.31
181000.000	548.13	1842.39	3523.42	3334.20	1.32	3.80	1.46
181000.000	551.38	3167.98	4880.67	5351.34	1.63	4.48	1.79

SECNO	CWSEL	ULOB	OCH	UROB	VLOB	VCH	VROB
182280.000	544.57	604.69	1910.06	1235.24	0.90	2.86	0.98
182280.000	547.31	1244.76	2887.71	2367.53	1.20	3.59	1.32
182280.000	548.62	1644.76	3413.50	3041.74	1.34	3.92	1.48
182280.000	551.92	2932.34	4812.84	5054.82	1.67	4.64	1.83
183080.000	544.85	567.19	1996.49	1186.32	0.96	3.16	1.06
183080.000	547.64	1202.47	2974.62	2322.91	1.28	3.85	1.40
183080.000	548.98	1600.19	3500.42	2999.39	1.42	4.17	1.56
183080.000	552.31	2873.74	4908.36	5017.90	1.74	4.88	1.91
186440.000	546.38	337.57	1556.12	1856.31	0.93	3.34	1.21
186440.000	549.33	764.75	2307.17	3428.07	1.15	3.97	1.53
186440.000	550.73	1070.43	2697.29	4332.28	1.28	4.24	1.68
186440.000	554.15	2104.11	3731.82	6964.07	1.62	4.85	1.99
189090.000	548.79	548.06	2854.07	237.87	2.27	8.26	2.34
189090.000	551.72	1326.22	3844.77	1179.00	2.65	8.36	1.90
189090.000	553.08	1738.64	4246.08	1965.29	2.71	8.28	2.11
189090.000	556.38	2941.64	5313.02	4395.54	2.83	8.28	2.51
189200.000	549.32	523.84	2779.54	226.62	2.21	8.12	2.34
189200.000	552.02	1309.22	3937.73	953.04	2.76	8.79	2.18
189200.000	553.29	1775.72	4503.70	1520.58	2.93	9.05	2.43
189200.000	556.47	3186.78	5932.02	3381.20	3.24	9.54	2.92
189300.000	549.77	519.57	2784.73	225.71	2.22	8.16	2.41
189300.000	552.29	1345.22	4196.34	658.43	2.98	9.56	2.74
189300.000	553.47	1874.88	4947.06	978.06	3.28	10.20	2.99
189300.000	556.49	3545.57	6862.24	2092.20	3.84	11.38	3.50
189430.000	550.41	551.01	2756.13	222.86	2.15	7.96	2.51
189430.000	552.86	1470.15	4231.48	498.36	3.04	9.57	3.25
189430.000	554.04	2076.52	5041.89	681.59	3.48	10.34	3.58
189430.000	556.97	3952.21	7265.02	1282.76	4.49	12.06	4.25
* 189445.000	557.93	1156.46	1995.18	378.34	1.19	3.12	1.10
* 189445.000	559.44	2120.90	3366.33	712.77	1.89	4.82	1.72
* 189445.000	560.19	2714.55	4158.75	926.70	2.26	5.71	2.05
* 189445.000	562.15	4515.31	6384.63	1600.06	3.21	7.94	2.90
189700.000	558.00	1117.32	2049.97	362.71	1.26	3.40	1.20
189700.000	559.59	2073.83	3442.05	684.11	1.99	5.17	1.83
189700.000	560.39	2664.64	4240.92	894.44	2.38	6.09	2.17
189700.000	562.49	4463.17	6474.09	1562.74	3.35	8.32	3.02
191000.000	558.69	186.63	3307.12	36.26	1.21	5.21	0.95
191000.000	560.88	585.81	5462.27	151.92	1.99	7.03	1.68
191000.000	561.99	880.78	6672.68	246.54	2.35	7.85	2.01
191000.000	564.84	1902.27	9993.22	604.52	3.16	9.65	2.72
191100.000	558.86	191.67	3300.51	37.82	1.21	5.16	0.95
191100.000	561.12	601.65	5440.51	157.84	1.98	6.91	1.67
191100.000	562.28	902.71	6641.97	255.31	2.33	7.71	1.99
191100.000	565.18	1938.66	9940.15	621.19	3.11	9.46	2.68

SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VRQB
191200.000	559.02	196.09	3294.71	39.20	1.21	5.12	0.96
191200.000	561.36	615.14	5421.92	162.94	1.96	6.82	1.66
191200.000	562.54	920.99	6616.31	262.70	2.31	7.59	1.97
191200.000	565.50	1470.76	9893.20	636.04	3.07	9.29	2.65
192000.000	560.18	201.19	2955.78	43.03	1.09	4.43	0.88
192000.000	562.92	636.75	4885.83	177.42	1.73	5.78	1.47
192000.000	564.26	947.77	5969.19	283.04	2.01	6.40	1.73
192000.000	567.54	2023.05	9099.21	677.73	2.68	7.94	2.32
193000.000	561.28	207.38	2947.56	45.06	1.09	4.37	0.88
193000.000	564.26	667.31	4843.04	189.65	1.69	5.58	1.45
193000.000	565.71	991.60	5906.53	301.87	1.95	6.14	1.68
193000.000	569.24	2108.10	8972.31	719.59	2.56	7.53	2.22
197000.000	566.77	356.07	2800.20	43.73	1.56	5.75	0.94
197000.000	570.16	1053.11	4355.09	291.80	2.18	6.77	1.46
197000.000	571.76	1507.54	5177.83	514.63	2.42	7.22	1.67
197000.000	575.66	2963.00	7382.74	1454.26	2.91	8.23	2.16
199480.000	570.25	358.82	2631.83	209.35	1.25	4.70	1.18
199480.000	573.70	1009.54	4018.00	672.46	1.76	5.64	1.61
199480.000	575.32	1441.82	4753.25	1004.93	1.96	6.06	1.79
199480.000	579.26	2872.12	6762.01	2165.87	2.40	7.06	2.20
199585.000	570.49	0.00	3200.00	0.00	0.00	3.32	0.00
199585.000	573.96	281.23	5418.77	0.00	1.19	3.94	0.00
199585.000	575.61	432.49	6503.86	265.65	1.28	4.13	1.07
199585.000	579.55	1018.39	10038.49	743.12	1.57	4.91	1.38
199615.000	570.52	0.00	3200.00	0.00	0.00	3.35	0.00
199615.000	574.31	0.00	5700.00	0.00	0.00	4.05	0.00
199615.000	576.15	454.64	6460.31	285.05	1.24	3.97	1.04
199615.000	580.00	1043.86	9986.47	769.68	1.53	4.79	1.35
199700.000	570.55	628.52	2348.79	222.69	1.25	4.66	1.44
199700.000	574.36	1672.00	3532.96	495.04	1.72	5.41	1.65
199700.000	576.16	2340.67	4177.25	682.07	1.91	5.78	1.76
199700.000	580.01	4477.54	6022.84	1294.62	2.48	6.90	2.11
199980.000	570.77	457.32	2541.63	201.05	1.34	5.70	1.77
199980.000	574.56	1487.48	3756.04	456.48	1.91	6.32	1.94
199980.000	576.36	2152.69	4412.51	634.80	2.15	6.65	2.05
199980.000	580.23	4266.39	6303.13	1230.46	2.71	7.74	2.36
201320.000	572.82	100.80	2508.20	590.99	1.21	4.98	1.27
201320.000	576.31	303.68	3521.13	1875.19	1.59	5.36	1.65
201320.000	578.03	436.04	4040.70	2723.27	1.71	5.51	1.82
201320.000	581.95	863.58	5578.99	5357.43	2.03	6.16	2.23
201950.000	573.70	89.27	2581.29	524.44	1.23	5.32	1.32
201950.000	577.02	287.18	3653.00	1759.83	1.68	5.79	1.73
201950.000	578.67	417.33	4183.43	2599.25	1.82	5.94	1.91
201950.000	582.55	840.43	5729.47	5230.10	2.14	6.55	2.34

AR NATURAL PROFILE

SUMMARY PRINTOUT

SECNO	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID
179320.000	528.50	952.27	1000.00	1057.00	1088.78	136.51
179320.000	531.90	910.00	1000.00	1057.00	1096.36	186.36
179320.000	533.30	897.72	1000.00	1057.00	1099.48	201.76
179320.000	536.70	873.49	1000.00	1057.00	1107.05	233.57
179420.000	529.42	947.35	990.00	1080.00	1088.62	141.27
179420.000	532.66	913.63	990.00	1080.00	1095.94	182.31
179420.000	534.00	899.83	990.00	1080.00	1098.98	199.14
179420.000	537.29	876.38	990.00	1080.00	1106.40	230.02
179600.000	529.87	948.05	940.00	1108.00	1088.97	142.93
179600.000	533.15	911.63	940.00	1108.00	1096.34	184.71
179600.000	534.52	898.29	940.00	1108.00	1099.47	201.18
179600.000	537.88	874.33	940.00	1108.00	1107.06	232.73
179640.000	529.93	945.56	940.00	1108.00	1089.11	143.95
179640.000	533.22	940.00	940.00	1108.00	1096.52	156.52
179640.000	534.59	940.00	940.00	1108.00	1099.63	159.63
179640.000	537.97	940.00	940.00	1108.00	1107.26	187.26
179700.000	530.00	948.68	990.00	1080.00	1088.80	142.12
179700.000	533.24	912.78	990.00	1080.00	1096.11	183.33
179700.000	534.60	899.12	990.00	1080.00	1099.20	200.08
179700.000	537.97	875.13	990.00	1080.00	1106.80	231.67
180000.000	530.55	946.43	990.00	1080.00	1088.87	142.44
180000.000	533.73	912.83	990.00	1080.00	1096.10	183.27
180000.000	535.09	899.22	990.00	1080.00	1099.17	199.95
180000.000	538.45	875.30	990.00	1080.00	1106.75	231.45
180250.000	530.95	948.73	990.00	1080.00	1088.25	139.52
180250.000	534.12	916.27	990.00	1080.00	1095.41	179.19
180250.000	535.48	901.41	990.00	1080.00	1098.48	197.08
180250.000	538.82	877.53	990.00	1080.00	1106.04	228.51
180289.000	531.03	948.11	990.00	1080.00	1088.42	140.31
180289.000	534.19	915.56	990.00	1080.00	1095.55	179.99
180289.000	535.55	900.96	990.00	1080.00	1098.62	197.60
180289.000	538.90	877.10	990.00	1080.00	1106.18	229.08
* 180290.000	541.64	1010.25	1010.00	1110.00	1109.40	99.15
* 180290.000	543.26	1007.50	1010.00	1110.00	1109.56	102.07
* 180290.000	544.07	1001.92	1010.00	1110.00	1109.65	107.73
* 180290.000	546.16	987.54	1010.00	1110.00	1109.86	122.32
180310.000	542.71	1010.04	1010.00	1110.00	1109.51	99.47
180310.000	544.80	996.89	1010.00	1110.00	1109.72	112.83
180310.000	545.83	989.82	1010.00	1110.00	1109.83	120.01
180310.000	548.48	971.55	1010.00	1110.00	1112.06	180.53
181000.000	544.22	919.25	1050.00	1100.00	1273.29	374.04
181000.000	546.86	900.82	1050.00	1100.00	1303.82	403.00
181000.000	548.13	891.88	1050.00	1100.00	1308.92	417.04
181000.000	551.38	869.17	1050.00	1100.00	1330.83	461.67

SECNO	CWSEL	SSTA	STGHL	STCHR	ERDST	TOPWID
182280.000	544.57	928.00	1050.00	1100.00	1288.28	360.28
182280.000	547.31	908.84	1050.00	1100.00	1299.24	390.44
182280.000	548.62	899.64	1050.00	1100.00	1304.49	404.46
182280.000	551.92	876.54	1050.00	1100.00	1323.46	446.93
183080.000	544.85	933.06	1050.00	1100.00	1285.39	352.33
183080.000	547.64	913.52	1050.00	1100.00	1296.56	383.04
183080.000	548.98	904.17	1050.00	1100.00	1301.91	397.74
183080.000	552.31	880.82	1050.00	1100.00	1319.18	438.36
186440.000	546.38	913.01	1000.00	1039.00	1268.28	355.26
186440.000	549.33	882.03	1000.00	1039.00	1285.98	403.95
186440.000	550.73	871.73	1000.00	1039.00	1295.08	423.35
186440.000	554.15	856.33	1000.00	1039.00	1319.05	462.72
189090.000	548.79	922.55	1000.00	1039.00	1112.50	189.95
189090.000	551.72	901.16	1000.00	1039.00	1260.77	359.61
189090.000	553.08	891.23	1000.00	1039.00	1273.02	381.79
189090.000	556.38	867.13	1000.00	1039.00	1302.76	435.63
189200.000	549.32	922.37	1000.00	1039.00	1107.86	185.48
189200.000	552.02	902.00	1000.00	1039.00	1181.62	279.63
189200.000	553.29	892.46	1000.00	1039.00	1192.76	300.30
189200.000	556.47	868.59	1000.00	1039.00	1220.62	352.03
189300.000	549.77	922.62	1000.00	1039.00	1087.23	164.60
189300.000	552.29	903.78	1000.00	1039.00	1107.33	203.56
189300.000	553.47	894.86	1000.00	1039.00	1116.84	221.98
189300.000	556.49	872.17	1000.00	1039.00	1141.06	268.89
189430.000	550.41	915.18	1000.00	1039.00	1062.00	146.82
189430.000	552.86	904.33	1000.00	1039.00	1069.01	164.68
189430.000	554.04	903.75	1000.00	1039.00	1072.55	168.80
189430.000	556.97	902.30	1000.00	1039.00	1081.39	179.10
* 189445.000	557.93	901.83	1000.00	1039.00	1084.28	182.43
* 189445.000	559.44	901.08	1000.00	1039.00	1087.44	186.37
* 189445.000	560.19	898.55	1000.00	1039.00	1088.59	190.64
* 189445.000	562.15	890.41	1000.00	1039.00	1091.60	201.19
189700.000	558.00	902.28	1000.00	1039.00	1081.48	179.19
189700.000	559.59	901.50	1000.00	1039.00	1086.14	184.64
189700.000	560.39	901.10	1000.00	1039.00	1087.36	186.26
189700.000	562.49	893.17	1000.00	1039.00	1090.58	197.40
191000.000	558.69	940.82	1000.00	1065.00	1085.65	144.83
191000.000	560.88	931.08	1000.00	1065.00	1092.20	161.12
191000.000	561.99	926.10	1000.00	1065.00	1095.54	169.44
191000.000	564.84	913.43	1000.00	1065.00	1104.06	190.63
191100.000	558.86	940.51	1000.00	1065.00	1085.86	145.35
191100.000	561.12	930.42	1000.00	1065.00	1092.64	162.22
191100.000	562.28	925.29	1000.00	1065.00	1096.08	170.79
191100.000	565.18	912.35	1000.00	1065.00	1104.76	192.44

SECNO	CWSEL	SSIA	STCHL	STCHR	ENDSI	TOPWIG
191200.000	559.02	940.23	1000.00	1065.00	1086.04	145.81
191200.000	561.36	929.85	1000.00	1065.00	1093.02	163.17
191200.000	562.54	924.61	1000.00	1065.00	1096.54	171.53
191200.000	565.50	911.38	1000.00	1065.00	1105.04	194.06
192000.000	560.18	938.61	1000.00	1065.00	1087.13	146.52
192000.000	562.92	926.44	1000.00	1065.00	1095.31	168.87
192000.000	564.26	920.46	1000.00	1065.00	1095.33	178.87
192000.000	567.54	905.87	1000.00	1065.00	1109.14	203.27
193000.000	561.28	938.18	1000.00	1065.00	1087.42	149.24
193000.000	564.26	924.50	1000.00	1065.00	1096.34	171.44
193000.000	565.71	918.47	1000.00	1065.00	1100.67	182.19
193000.000	569.24	902.76	1000.00	1065.00	1111.23	208.47
197000.000	566.77	933.58	1000.00	1046.00	1075.53	141.95
197000.000	570.16	916.55	1000.00	1046.00	1106.63	190.09
197000.000	571.76	908.50	1000.00	1046.00	1121.33	212.84
197000.000	575.66	888.85	1000.00	1046.00	1156.33	267.49
199480.000	570.25	928.41	1000.00	1044.00	1101.71	173.30
199480.000	573.70	905.96	1000.00	1044.00	1125.89	219.92
199480.000	575.32	895.40	1000.00	1044.00	1137.26	241.85
199480.000	579.26	869.80	1000.00	1044.00	1164.83	295.03
199585.000	570.49	960.00	960.00	1079.00	1079.00	119.00
199585.000	573.96	934.26	960.00	1079.00	1079.00	174.74
199585.000	575.61	893.54	960.00	1079.00	1139.27	245.73
199585.000	579.55	867.91	960.00	1079.00	1166.87	298.95
199615.000	570.52	960.00	960.00	1079.00	1079.00	119.00
199615.000	574.31	960.00	960.00	1079.00	1079.00	119.00
199615.000	576.15	890.69	960.00	1079.00	1142.33	251.64
199615.000	580.00	865.66	960.00	1079.00	1169.29	303.64
199700.000	570.55	887.06	1000.00	1039.00	1065.47	162.41
199700.000	574.36	865.33	1000.00	1039.00	1084.35	219.07
199700.000	576.16	855.44	1000.00	1039.00	1091.34	235.90
199700.000	580.01	841.69	1000.00	1039.00	1106.37	264.67
199980.000	570.77	895.49	1000.00	1039.00	1063.70	168.21
199980.000	574.56	873.89	1000.00	1039.00	1076.46	204.29
199980.000	576.36	863.64	1000.00	1039.00	1085.56	221.85
199980.000	580.25	846.96	1000.00	1039.00	1106.59	253.61
201320.000	572.82	973.36	1000.00	1044.00	1207.61	254.22
201320.000	576.31	965.07	1000.00	1044.00	1249.61	264.54
201320.000	578.03	966.98	1000.00	1044.00	1256.75	299.76
201320.000	581.95	951.65	1000.00	1044.00	1276.19	334.54
201950.000	573.70	974.39	1000.00	1044.00	1194.40	220.01
201950.000	577.02	966.47	1000.00	1044.00	1245.77	275.30
201950.000	578.67	962.54	1000.00	1044.00	1256.51	293.97
201950.000	582.53	953.31	1000.00	1044.00	1281.66	328.35

PRINTED IN U.S.A.

AR NATURAL PROFILE

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTND	LLLC	ELMIN	Q	CASEL	CRKWS	EG	10KAS	VCH	AREA	.01K
179320.000	1790.00	0.00	0.00	519.20	4200.00	528.50	0.00	529.49	48.35	8.18	622.80	604.00
179320.000	1790.00	0.00	0.00	519.20	7200.00	531.90	0.00	532.93	36.02	8.82	1179.99	1199.70
179320.000	1790.00	0.00	0.00	519.20	8800.00	533.30	0.00	534.35	33.39	9.14	1452.32	1522.89
179320.000	1790.00	0.00	0.00	519.20	13500.00	536.70	0.00	537.83	29.25	9.95	2192.37	2496.18
179420.000	100.00	0.00	0.00	520.30	4200.00	529.42	0.00	529.83	17.94	5.23	904.24	991.42
179420.000	100.00	0.00	0.00	520.30	7200.00	532.66	0.00	533.21	16.37	6.19	1425.76	1779.42
179420.000	100.00	0.00	0.00	520.30	8800.00	534.00	0.00	534.62	16.30	6.64	1682.88	2179.45
179420.000	100.00	0.00	0.00	520.30	13500.00	537.29	0.00	538.08	16.24	7.69	2388.72	3350.15
179600.000	180.00	0.00	0.00	520.60	4200.00	529.87	0.00	530.19	19.80	4.53	926.56	943.83
179600.000	180.00	0.00	0.00	520.60	7200.00	533.15	0.00	533.54	15.66	5.04	1458.58	1819.54
179600.000	180.00	0.00	0.00	520.60	8800.00	534.52	0.00	534.95	14.77	5.31	1726.20	2289.37
179600.000	180.00	0.00	0.00	520.60	13500.00	537.88	0.00	538.42	13.60	5.98	2455.49	3661.05
179640.000	40.00	551.00	548.00	520.60	4200.00	529.93	0.00	530.25	19.33	4.49	934.91	955.29
179640.000	40.00	551.00	548.00	520.60	7200.00	533.22	0.00	533.61	15.40	5.02	1454.63	1834.87
179640.000	40.00	551.00	548.00	520.60	8800.00	534.59	0.00	535.03	14.80	5.32	1652.62	2287.82
179640.000	40.00	551.00	548.00	520.60	13500.00	537.97	0.00	538.55	14.32	6.12	2204.47	3567.33
179700.000	60.00	0.00	0.00	520.80	4200.00	530.00	0.00	530.40	17.35	5.18	913.70	1006.23
179700.000	60.00	0.00	0.00	520.80	7200.00	533.24	0.00	533.77	15.99	6.14	1439.64	1800.82
179700.000	60.00	0.00	0.00	520.80	8800.00	534.60	0.00	535.21	15.84	6.58	1702.75	2216.99
179700.000	60.00	0.00	0.00	520.80	13500.00	537.97	0.00	538.73	15.58	7.58	2429.35	3420.30
180000.000	300.00	0.00	0.00	521.30	4130.00	530.53	0.00	530.91	16.57	5.07	919.99	1014.44
180000.000	300.00	0.00	0.00	521.30	7070.00	533.73	0.00	534.23	15.43	6.04	1434.63	1799.81
180000.000	300.00	0.00	0.00	521.30	8700.00	535.09	0.00	535.68	15.54	6.51	1706.03	2206.67
180000.000	300.00	0.00	0.00	521.30	13400.00	538.45	0.00	539.20	15.44	7.34	2423.76	3410.83
180250.000	250.00	0.00	0.00	522.00	4130.00	530.95	0.00	531.37	18.35	5.26	881.06	956.16
180250.000	250.00	0.00	0.00	522.00	7070.00	534.12	0.00	534.67	17.02	6.23	1383.17	1713.87
180250.000	250.00	0.00	0.00	522.00	8700.00	535.48	0.00	536.11	17.00	6.70	1638.94	2110.83
180250.000	250.00	0.00	0.00	522.00	13400.00	538.82	0.00	539.62	16.62	7.72	2351.93	3286.86
180289.000	39.00	0.00	0.00	522.00	4130.00	531.03	0.00	531.44	18.01	5.21	891.49	973.17
180289.000	39.00	0.00	0.00	522.00	7070.00	534.19	0.00	534.74	16.88	6.19	1394.26	1731.36
180289.000	39.00	0.00	0.00	522.00	8700.00	535.55	0.00	536.18	16.68	6.66	1651.59	2129.95
180289.000	39.00	0.00	0.00	522.00	13400.00	538.90	0.00	539.69	16.38	7.69	2362.72	3310.36
* 180290.000	1.00	0.00	0.00	537.80	4130.00	541.84	541.84	543.34	23.04	11.04	374.00	660.47
* 180290.000	1.00	0.00	0.00	537.80	7070.00	543.26	543.26	545.98	21.24	13.22	535.33	1534.09
* 180290.000	1.00	0.00	0.00	537.80	8700.00	544.07	544.07	547.17	26.34	14.13	620.18	1929.23
* 180290.000	1.00	0.00	0.00	537.80	13400.00	546.16	546.16	550.22	18.62	16.21	859.96	3105.92
180310.000	20.00	0.00	0.00	537.80	4130.00	542.71	0.00	543.86	10.34	8.61	479.52	1284.64
180310.000	20.00	0.00	0.00	537.80	7070.00	544.80	0.00	546.43	9.33	10.26	700.51	2315.00
180310.000	20.00	0.00	0.00	537.80	8700.00	545.83	0.00	547.69	8.97	10.97	819.97	2904.32
180310.000	20.00	0.00	0.00	537.80	13400.00	548.48	0.00	550.90	8.10	12.58	1166.90	4690.36
181000.000	690.00	0.00	0.00	528.40	4130.00	544.22	0.00	544.28	2.49	2.64	3061.22	2615.25
181000.000	690.00	0.00	0.00	528.40	7070.00	546.86	0.00	546.95	3.34	3.48	4083.46	3867.41
181000.000	690.00	0.00	0.00	528.40	8700.00	548.13	0.00	548.24	3.84	3.80	4607.45	4581.73
181000.000	690.00	0.00	0.00	528.40	13400.00	551.38	0.00	551.52	4.08	4.48	6032.05	6637.64

SECNO	XLCH	ELTRD	ELLC	ELMIN	G	CWSEL	CRKS	EG	10K+S	VCH	AREA	.01K
182280.000	1280.00	0.00	0.00	530.00	3750.00	544.57	0.00	544.64	43.17	2.86	2601.94	2105.46
182280.000	1280.00	0.00	0.00	530.00	6500.00	547.31	0.00	547.41	43.90	3.59	3629.54	3292.74
182280.000	1280.00	0.00	0.00	530.00	8100.00	548.62	0.00	548.74	44.19	3.92	4152.19	3956.03
182280.000	1280.00	0.00	0.00	530.00	12800.00	551.92	0.00	552.08	44.67	4.64	5553.76	5920.25
183080.000	800.00	0.00	0.00	531.00	3750.00	544.85	0.00	544.94	44.17	3.16	2344.27	1836.03
183080.000	800.00	0.00	0.00	531.00	6500.00	547.64	0.00	547.76	44.76	3.85	3370.88	2976.39
183080.000	800.00	0.00	0.00	531.00	8100.00	548.98	0.00	549.11	45.00	4.17	3892.56	3622.00
183080.000	800.00	0.00	0.00	531.00	12800.00	552.31	0.00	552.49	45.37	4.88	5282.73	5522.00
186440.000	3360.00	0.00	0.00	533.10	3750.00	546.38	0.00	546.47	44.97	3.34	2359.30	1682.54
186440.000	3360.00	0.00	0.00	533.10	6500.00	549.33	0.00	549.44	45.24	3.97	3479.49	2840.74
186440.000	3360.00	0.00	0.00	533.10	8100.00	550.73	0.00	550.85	45.31	4.24	4058.07	3515.00
186440.000	3360.00	0.00	0.00	533.10	12800.00	554.15	0.00	554.30	45.39	4.85	5574.71	5515.58
189090.000	2650.00	0.00	0.00	538.30	3640.00	548.79	0.00	549.64	46.27	8.26	688.29	535.61
189090.000	2650.00	0.00	0.00	538.30	6350.00	551.72	0.00	552.41	46.38	8.36	1579.89	1115.92
189090.000	2650.00	0.00	0.00	538.30	7950.00	553.08	0.00	553.69	47.44	8.28	2084.25	1517.70
189090.000	2650.00	0.00	0.00	538.30	12650.00	556.38	0.00	556.89	48.36	8.28	3433.42	2803.54
189200.000	110.00	0.00	0.00	538.90	3530.00	549.32	0.00	550.14	45.16	8.12	676.03	525.31
189200.000	110.00	0.00	0.00	538.90	6200.00	552.02	0.00	552.82	46.94	8.79	1359.89	1020.08
189200.000	110.00	0.00	0.00	538.90	7800.00	553.29	0.00	554.08	47.08	9.05	1727.94	1336.08
189200.000	110.00	0.00	0.00	538.90	12500.00	556.47	0.00	557.22	48.18	9.54	2764.21	2354.65
189300.000	100.00	0.00	0.00	539.40	3530.00	549.77	0.00	550.60	45.90	8.16	668.95	521.01
189300.000	100.00	0.00	0.00	539.40	6200.00	552.29	0.00	553.29	44.97	9.56	1130.76	924.50
189300.000	100.00	0.00	0.00	539.40	7800.00	553.47	0.00	554.55	44.76	10.20	1363.17	1165.91
189300.000	100.00	0.00	0.00	539.40	12500.00	556.49	0.00	557.69	41.72	11.38	2124.65	1935.14
189430.000	130.00	0.00	0.00	539.40	3530.00	550.41	0.00	551.20	42.75	7.96	690.78	539.90
189430.000	130.00	0.00	0.00	539.90	6200.00	552.86	0.00	553.88	44.71	9.57	1078.86	927.22
189430.000	130.00	0.00	0.00	539.90	7800.00	554.04	0.00	555.18	45.70	10.34	1274.61	1153.02
189430.000	130.00	0.00	0.00	539.90	12500.00	556.97	0.00	558.41	46.99	12.08	1763.18	1623.54
* 189445.000	15.00	551.80	550.00	539.90	3530.00	557.93	0.00	558.02	46.90	3.12	1930.18	2072.15
* 189445.000	15.00	551.80	550.00	539.90	6200.00	557.54	0.00	559.66	6.15	4.82	2237.70	2499.82
* 189445.000	15.00	551.80	550.00	539.90	7800.00	560.19	0.00	560.30	6.19	5.71	2378.54	2725.50
* 189445.000	15.00	551.80	550.00	539.90	12500.00	562.15	0.00	562.73	13.83	7.94	2762.22	3360.05
189700.000	255.00	0.00	0.00	540.90	3530.00	558.00	0.00	558.11	3.72	3.40	1789.97	1830.30
189700.000	255.00	0.00	0.00	540.90	6200.00	559.59	0.00	559.85	7.57	3.17	2079.61	2254.04
189700.000	255.00	0.00	0.00	540.90	7800.00	560.39	0.00	560.74	9.86	6.09	2227.46	2483.60
189700.000	255.00	0.00	0.00	540.90	12500.00	562.49	0.00	563.12	15.87	8.52	2629.50	3137.09
191000.000	1300.00	0.00	0.00	547.20	3530.00	558.69	0.00	559.00	16.36	3.21	827.10	672.26
191000.000	1300.00	0.00	0.00	547.20	6200.00	560.88	0.00	561.56	22.79	7.03	1162.35	1298.82
191000.000	1300.00	0.00	0.00	547.20	7800.00	561.99	0.00	562.82	29.24	7.53	1347.21	1552.46
191000.000	1300.00	0.00	0.00	547.20	12500.00	564.84	0.00	566.03	29.37	9.65	1854.85	2306.71
191100.000	100.00	0.00	0.00	547.30	3530.00	558.86	0.00	559.25	15.93	5.16	857.82	884.46
191100.000	100.00	0.00	0.00	547.30	6200.00	561.12	0.00	561.76	21.70	6.91	1166.52	1331.06
191100.000	100.00	0.00	0.00	547.30	7800.00	562.28	0.00	563.07	23.89	7.71	1378.04	1595.82
191100.000	100.00	0.00	0.00	547.30	12500.00	563.18	0.00	566.52	27.83	9.46	1908.24	2378.05

SECNO	XLCH	ELTRD	ELLC	ELMIN	W	CWSEL	CRKWS	EG	10K+S	VCH	AREA	.01K
191200.000	100.00	0.00	0.00	547.40	3530.00	559.02	0.00	559.40	15.55	5.12	846.77	895.26
191200.000	100.00	0.00	0.00	547.40	6200.00	561.36	0.00	562.00	20.81	6.82	1207.12	1359.21
191200.000	100.00	0.00	0.00	547.40	7800.00	562.54	0.00	563.31	22.81	7.59	1404.33	1633.02
191200.000	100.00	0.00	0.00	547.40	12500.00	565.50	0.00	566.59	26.18	9.29	1948.31	2443.23
192000.000	800.00	0.00	0.00	548.20	3200.00	560.18	0.00	560.47	11.10	4.43	900.25	960.82
192000.000	800.00	0.00	0.00	548.20	5700.00	562.92	0.00	563.37	13.80	5.76	1334.16	1534.20
192000.000	800.00	0.00	0.00	548.20	7200.00	564.26	0.00	564.80	14.84	6.40	1567.95	1868.92
192000.000	800.00	0.00	0.00	548.20	11800.00	567.54	0.00	568.32	17.37	7.94	2194.34	2831.40
193000.000	1000.00	0.00	0.00	549.20	3200.00	561.28	0.00	561.56	10.69	4.37	914.75	978.57
193000.000	1000.00	0.00	0.00	549.20	5700.00	564.26	0.00	564.68	12.43	5.58	1392.99	1616.96
193000.000	1000.00	0.00	0.00	549.20	7200.00	565.71	0.00	566.20	13.12	6.14	1648.43	1987.56
193000.000	1000.00	0.00	0.00	549.20	11800.00	569.24	0.00	569.93	14.84	7.53	2358.02	3063.43
197000.000	4000.00	0.00	0.00	553.90	3200.00	566.77	0.00	567.22	19.20	5.75	162.72	730.29
197000.000	4000.00	0.00	0.00	553.90	5700.00	570.16	0.00	570.72	18.41	6.77	1325.57	1328.48
197000.000	4000.00	0.00	0.00	553.90	7200.00	571.76	0.00	572.36	18.13	7.22	1648.33	1691.08
197000.000	4000.00	0.00	0.00	553.90	11800.00	575.66	0.00	576.36	17.48	8.23	2588.92	2822.70
199480.000	2480.00	0.00	0.00	556.40	3200.00	570.25	0.00	570.53	9.73	4.70	1024.59	1025.85
199480.000	2480.00	0.00	0.00	556.40	5700.00	573.70	0.00	574.06	10.19	5.64	1703.55	1789.18
199480.000	2480.00	0.00	0.00	556.40	7200.00	575.32	0.00	575.72	10.37	6.06	2078.63	2235.44
199480.000	2480.00	0.00	0.00	556.40	11800.00	579.26	0.00	579.74	10.79	7.06	3136.09	3592.04
199585.000	105.00	0.00	0.00	556.40	3200.00	570.49	0.00	570.66	8.30	3.32	963.88	1110.38
199585.000	105.00	0.00	0.00	556.40	5700.00	573.96	0.00	574.19	7.22	3.94	1614.12	2121.44
199585.000	105.00	0.00	0.00	556.40	7200.00	575.81	0.00	575.83	6.87	4.13	2137.13	2788.25
199585.000	105.00	0.00	0.00	556.40	11800.00	579.59	0.00	579.88	6.66	4.91	3230.88	4574.00
199615.000	30.00	574.60	573.50	556.50	3200.00	570.52	0.00	570.69	8.55	3.35	955.33	1094.27
199615.000	30.00	574.60	573.50	556.50	5700.00	573.31	0.00	574.38	7.33	4.03	1408.63	2077.53
199615.000	30.00	574.60	573.50	556.50	7200.00	576.15	0.00	576.37	5.90	3.97	2265.99	2963.65
199615.000	30.00	574.60	573.50	556.50	11800.00	580.00	0.00	580.31	6.18	4.77	3333.42	4733.76
199700.000	85.00	0.00	0.00	556.70	3200.00	570.55	0.00	570.81	9.01	4.68	1159.33	1063.92
199700.000	85.00	0.00	0.00	556.70	5700.00	574.36	0.00	574.65	8.61	5.41	1924.65	1942.53
199700.000	85.00	0.00	0.00	556.70	7200.00	576.16	0.00	576.48	8.37	5.78	2332.80	2853.68
199700.000	85.00	0.00	0.00	556.70	11800.00	580.01	0.00	580.43	9.50	6.90	3296.23	3828.90
199980.000	280.00	0.00	0.00	558.40	3200.00	570.77	0.00	571.16	15.83	5.70	900.08	804.35
199980.000	280.00	0.00	0.00	558.40	5700.00	574.38	0.00	574.77	13.32	6.32	1608.37	1561.91
199980.000	280.00	0.00	0.00	558.40	7200.00	576.36	0.00	576.81	12.67	6.65	1989.66	2022.08
199980.000	280.00	0.00	0.00	558.40	11800.00	580.23	0.00	580.78	13.67	7.74	2912.30	3264.01
201320.000	1340.00	0.00	0.00	559.70	3200.00	572.82	0.00	573.13	13.26	4.98	1634.21	878.86
201320.000	1340.00	0.00	0.00	559.70	5700.00	576.31	0.00	576.60	10.76	5.36	1986.27	1737.75
201320.000	1340.00	0.00	0.00	559.70	7200.00	578.03	0.00	578.31	9.88	5.31	2487.41	2292.63
201320.000	1340.00	0.00	0.00	559.70	11800.00	581.95	0.00	582.26	9.30	6.16	3730.12	3870.40
201950.000	630.00	0.00	0.00	561.00	3200.00	573.70	0.00	574.06	15.92	5.32	958.22	801.88
201950.000	630.00	0.00	0.00	561.00	5700.00	577.02	0.00	577.37	13.23	5.77	1619.75	1568.69
201950.000	630.00	0.00	0.00	561.00	7200.00	578.67	0.00	579.02	12.08	5.94	2293.70	2071.79
201950.000	630.00	0.00	0.00	561.00	11800.00	582.33	0.00	582.91	11.00	6.33	3496.93	3558.18

AR NATURAL PROFILE

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CKSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
179320.000	4200.00	528.50	0.00	0.00	0.00	136.51	1790.00
179320.000	7200.00	531.90	3.40	0.00	0.00	186.36	1790.00
179320.000	8800.00	533.30	1.40	0.00	0.00	201.76	1790.00
179320.000	13500.00	536.70	3.40	0.00	0.00	233.57	1790.00
179420.000	4200.00	529.42	0.00	0.92	0.00	141.27	100.00
179420.000	7200.00	532.66	3.24	0.76	0.00	182.31	100.00
179420.000	8800.00	534.00	1.35	0.70	0.00	199.14	100.00
179420.000	13500.00	537.29	3.29	0.59	0.00	230.02	100.00
179600.000	4200.00	529.87	0.00	0.46	0.00	142.93	180.00
179600.000	7200.00	533.15	3.27	0.49	0.00	184.71	180.00
179600.000	8800.00	534.52	1.37	0.52	0.00	201.18	180.00
179600.000	13500.00	537.88	3.36	0.59	0.00	232.73	180.00
179640.000	4200.00	529.93	0.00	0.06	0.00	143.55	40.00
179640.000	7200.00	533.22	3.28	0.07	0.00	156.52	40.00
179640.000	8800.00	534.59	1.38	0.07	0.00	159.63	40.00
179640.000	13500.00	537.97	3.38	0.09	0.00	167.26	40.00
179700.000	4200.00	530.00	0.00	0.07	0.00	142.12	60.00
179700.000	7200.00	533.24	3.24	0.02	0.00	183.33	60.00
179700.000	8800.00	534.60	1.37	0.01	0.00	200.08	60.00
179700.000	13500.00	537.97	3.37	0.00	0.00	231.67	60.00
180000.000	4130.00	530.53	0.00	0.53	0.00	142.44	300.00
180000.000	7070.00	533.73	3.20	0.50	0.00	183.27	300.00
180000.000	8700.00	535.09	1.36	0.44	0.00	199.95	300.00
180000.000	13400.00	538.45	3.36	0.48	0.00	231.45	300.00
180250.000	4130.00	530.95	0.00	0.42	0.00	139.52	250.00
180250.000	7070.00	534.12	3.17	0.34	0.00	174.14	250.00
180250.000	8700.00	535.48	1.36	0.34	0.00	197.06	250.00
180250.000	13400.00	538.82	3.35	0.38	0.00	228.51	250.00
180289.000	4130.00	531.03	0.00	0.08	0.00	140.31	39.00
180289.000	7070.00	534.19	3.16	0.08	0.00	174.94	39.00
180289.000	8700.00	535.55	1.36	0.08	0.00	197.66	39.00
180289.000	13400.00	538.90	3.35	0.08	0.00	229.00	39.00
* 180290.000	4130.00	541.64	0.00	10.61	0.00	99.15	1.00
* 180290.000	7070.00	543.26	1.62	9.07	0.00	102.67	1.00
* 180290.000	8700.00	544.07	0.81	8.52	0.00	107.73	1.00
* 180290.000	13400.00	546.16	2.08	7.26	0.00	122.32	1.00
180310.000	4130.00	542.71	0.00	1.07	0.00	99.47	20.00
180310.000	7070.00	544.80	2.09	1.54	0.00	112.83	20.00
180310.000	8700.00	545.83	1.03	1.76	0.00	120.01	20.00
180310.000	13400.00	548.48	2.65	2.32	0.00	180.53	20.00
181000.000	4130.00	544.22	0.00	1.51	0.00	374.04	690.00
181000.000	7070.00	546.86	2.63	2.05	0.00	403.00	690.00
181000.000	8700.00	548.35	1.26	2.31	0.00	417.04	690.00
181000.000	13400.00	551.38	3.24	2.90	0.00	461.67	690.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
182280.000	3750.00	544.57	0.00	0.35	0.00	360.28	1280.00
182280.000	6500.00	547.31	2.74	0.45	0.00	390.40	1280.00
182280.000	8100.00	548.62	1.31	0.49	0.00	404.86	1280.00
182280.000	12800.00	551.92	3.30	0.55	0.00	446.93	1280.00
183080.000	3750.00	544.85	0.00	0.28	0.00	352.33	800.00
183080.000	6500.00	547.64	2.79	0.33	0.00	383.04	800.00
183080.000	8100.00	548.98	1.34	0.35	0.00	397.74	800.00
183080.000	12800.00	552.31	3.33	0.39	0.00	438.36	800.00
186440.000	3750.00	546.38	0.00	1.53	0.00	355.26	3360.00
186440.000	6500.00	549.33	2.95	1.69	0.00	403.95	3360.00
186440.000	8100.00	550.73	1.40	1.75	0.00	423.35	3360.00
186440.000	12800.00	554.15	3.42	1.84	0.00	462.72	3360.00
189090.000	3640.00	548.79	0.00	2.41	0.00	189.95	2650.00
189090.000	6350.00	551.72	2.93	2.39	0.00	359.61	2650.00
189090.000	7950.00	553.08	1.36	2.35	0.00	381.79	2650.00
189090.000	12650.00	556.38	3.30	2.23	0.00	435.63	2650.00
189200.000	3530.00	549.32	0.00	0.53	0.00	185.48	110.00
189200.000	6200.00	552.02	2.70	0.31	0.00	279.63	110.00
189200.000	7800.00	553.29	1.27	0.21	0.00	300.30	110.00
189200.000	12500.00	556.47	3.18	0.09	0.00	352.03	110.00
189300.000	3530.00	549.77	0.00	0.45	0.00	164.60	100.00
189300.000	6200.00	552.29	2.52	0.26	0.00	203.56	100.00
189300.000	7800.00	553.47	1.19	0.18	0.00	221.98	100.00
189300.000	12500.00	556.49	3.02	0.02	0.00	268.89	100.00
189430.000	3530.00	550.41	0.00	0.64	0.00	146.82	130.00
189430.000	6200.00	552.86	2.45	0.58	0.00	164.68	130.00
189430.000	7800.00	554.04	1.17	0.56	0.00	168.80	130.00
189430.000	12500.00	556.97	2.94	0.48	0.00	179.10	130.00
* 189445.000	3530.00	557.93	0.00	7.52	0.00	182.45	15.00
* 189445.000	6200.00	559.44	1.51	6.56	0.00	186.37	15.00
* 189445.000	7800.00	560.19	0.75	6.15	0.00	190.04	15.00
* 189445.000	12500.00	562.15	1.96	5.18	0.00	201.19	15.00
189700.000	3530.00	558.00	0.00	0.07	0.00	179.19	255.00
189700.000	6200.00	559.59	1.59	0.15	0.00	184.64	255.00
189700.000	7800.00	560.39	0.80	0.20	0.00	186.26	255.00
189700.000	12500.00	562.49	2.10	0.33	0.00	197.40	255.00
191000.000	3530.00	558.69	0.00	0.69	0.00	144.83	1300.00
191000.000	6200.00	560.88	2.19	1.29	0.00	161.12	1300.00
191000.000	7800.00	561.99	1.12	1.61	0.00	169.44	1300.00
191000.000	12500.00	564.84	2.85	2.36	0.00	190.63	1300.00
191100.000	3530.00	558.86	0.00	0.17	0.00	145.35	100.00
191100.000	6200.00	561.12	2.27	0.25	0.00	162.22	100.00
191100.000	7800.00	562.28	1.15	0.28	0.00	170.79	100.00
191100.000	12500.00	565.18	2.91	0.34	0.00	192.4	100.00

SECNO	Q	CRSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
191200.000	3530.00	559.02	0.00	0.16	0.00	145.81	100.00
191200.000	6200.00	561.36	2.34	0.23	0.00	163.17	100.00
191200.000	7800.00	562.54	1.18	0.26	0.00	171.93	100.00
191200.000	12500.00	565.50	2.96	0.32	0.00	194.06	100.00
192000.000	3200.00	560.18	0.00	1.16	0.00	148.52	800.00
192000.000	5700.00	562.92	2.73	1.56	0.00	168.87	800.00
192000.000	7200.00	564.26	1.34	1.72	0.00	178.87	800.00
192000.000	11800.00	567.54	3.28	2.04	0.00	203.27	800.00
193000.000	3200.00	561.28	0.00	1.10	0.00	149.24	1000.00
193000.000	5700.00	564.26	2.98	1.35	0.00	171.44	1000.00
193000.000	7200.00	565.71	1.44	1.45	0.00	182.19	1000.00
193000.000	11800.00	569.24	3.53	1.70	0.00	208.47	1000.00
197000.000	3200.00	566.77	0.00	5.49	0.00	141.95	4000.00
197000.000	5700.00	570.16	3.39	5.89	0.00	190.09	4000.00
197000.000	7200.00	571.76	1.60	6.05	0.00	212.84	4000.00
197000.000	11800.00	575.66	3.91	6.43	0.00	267.49	4000.00
199480.000	3200.00	570.25	0.00	3.48	0.00	173.30	2480.00
199480.000	5700.00	573.70	3.45	3.54	0.00	219.92	2480.00
199480.000	7200.00	575.32	1.62	3.56	0.00	241.85	2480.00
199480.000	11800.00	579.26	3.94	3.60	0.00	295.03	2480.00
199585.000	3200.00	570.49	0.00	0.24	0.00	119.00	105.00
199585.000	5700.00	573.96	3.47	0.26	0.00	174.74	105.00
199585.000	7200.00	575.61	1.65	0.29	0.00	245.73	105.00
199585.000	11800.00	579.55	3.94	0.29	0.00	298.95	105.00
199615.000	3200.00	570.52	0.00	0.03	0.00	119.00	30.00
199615.000	5700.00	573.71	3.79	0.45	0.00	119.00	30.00
199615.000	7200.00	576.15	1.84	0.54	0.00	251.64	30.00
199615.000	11800.00	580.00	3.85	0.45	0.00	303.64	30.00
199700.000	3200.00	570.55	0.00	0.03	0.00	182.41	85.00
199700.000	5700.00	574.36	3.80	0.03	0.00	219.02	85.00
199700.000	7200.00	576.16	1.60	0.01	0.00	235.90	85.00
199700.000	11800.00	580.01	3.85	0.01	0.00	264.67	85.00
199980.000	3200.00	570.77	0.00	0.22	0.00	168.21	280.00
199980.000	5700.00	574.55	3.79	0.21	0.00	204.59	280.00
199980.000	7200.00	576.36	1.80	0.26	0.00	221.65	280.00
199980.000	11800.00	580.23	3.87	0.22	0.00	253.01	280.00
201320.000	3200.00	572.02	0.00	2.05	0.00	234.22	1340.00
201320.000	5700.00	576.31	3.49	1.75	0.00	264.54	1340.00
201320.000	7200.00	578.03	1.72	1.67	0.00	299.76	1340.00
201320.000	11800.00	581.95	3.92	1.72	0.00	334.54	1340.00
201950.000	3200.00	573.70	0.00	0.86	0.00	220.01	630.00
201950.000	5700.00	577.02	3.32	0.71	0.00	279.30	630.00
201950.000	7200.00	578.67	1.65	0.65	0.00	293.97	630.00
201950.000	11800.00	582.55	3.87	0.60	0.00	328.35	630.00

SUMMARY OF ERRORS

END R PT 2
 21 Nov 78
 JOP

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

C END RIVER ORANGE CO FL
 T1 ORANGE COUNTY FIA STUDY
 T2 END RIVER
 T3 100 YEAR NATURAL PROFILE

J1	ICHLK	IMP	NIBV	IBIK	STRT	ALTRIC	DVINS	S	OSLL	FO
	0.	4.	0.	0.	0.000000	0.00	0.0	0.	533.500	0.000
J2	APROF	IPLGT	PEFVS	ASELV	ASELP	FN	ALLDE	IRN	LRJIK	FINAGE
	1.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	12.000
J3	VARIABLE CODES FOR SUPPLY PROFILE									
	30.000	1.000	2.000	42.000	41.000	5.000	43.000	0.000	30.000	1.000
	53.000	21.000	27.000	54.000	4.000	0.000	200.000	0.000	0.000	0.000
AL	0.100	0.100	0.000	0.100	0.300	0.000	0.000	0.000	0.000	0.000
BT	5.000	4200.000	7200.000	6000.000	13200.000	3000.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	550.000	1071.000	0.000	0.000
X1	17930.000	12.000	1000.000	1037.000	1790.000	1790.000	1790.000	0.000	0.000	0.000
GR	558.000	750.000	542.000	530.000	552.700	500.000	525.500	520.000	525.500	1000.000
BR	519.500	1005.000	519.500	1015.000	519.500	1035.000	519.500	1031.000	525.500	1037.000
BR	527.700	1077.000	546.100	1120.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	550.000	1090.000	0.000	0.000
X1	179420.000	15.000	590.000	1000.000	100.000	100.000	100.000	0.000	0.000	0.000
GR	559.000	750.000	543.000	530.000	552.700	500.000	525.500	520.000	525.500	1000.000
BR	521.200	1000.000	520.500	1010.000	520.500	1030.000	520.500	1030.000	525.700	1037.000
BR	552.000	1100.000	50.000	1114.000	0.000	1350.000	0.000	0.000	0.000	0.000
AL	0.000	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	7.100	550.000	1113.000	0.000	0.000
X1	17960.000	15.000	590.000	1100.000	100.000	100.000	100.000	0.000	0.000	0.000
X2	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	559.000	750.000	543.000	530.000	552.700	500.000	525.500	520.000	525.500	1000.000
BR	521.200	1000.000	520.500	1010.000	520.500	1030.000	520.500	1030.000	525.700	1037.000
BR	550.000	1100.000	500.000	1114.000	500.000	1350.000	0.000	0.000	0.000	0.000
SP	1.250	1.000	2.000	0.000	110.000	4.000	2075.000	1.100	220.000	220.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	540.000	1090.000	0.000	0.000
	01-41	05.70								
X1	179640.000	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	546.000	551.000	0.000	0.000	0.000	0.000	0.000

BT	7.000	730.000	559.800	0.000	785.000	551.900	0.000	892.000	551.000	0.000
BT	1192.000	551.000	0.000	1292.000	552.100	0.000	1392.000	553.800	0.000	1492.000
BT	556.400	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	7.100	980.000	1090.000	0.000	0.000

XI	179700.000	13.000	990.000	1080.000	60.000	60.000	60.000	0.000	0.500	0.000
GR	559.000	730.000	543.600	830.000	533.700	902.000	530.300	940.000	524.500	990.000
GR	521.200	1000.000	520.300	1010.000	520.300	1070.000	524.000	1080.000	528.700	1087.000
GR	538.000	1108.000	540.000	1114.000	550.000	1350.000	0.000	0.000	0.000	0.000
QT	5.000	4130.000	7070.000	8700.000	13400.000	8700.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	980.000	1090.000	0.000	0.000

XI	180000.000	0.000	0.000	0.000	300.000	300.000	300.000	0.000	0.500	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	980.000	1090.000	0.000	0.000

XI	180250.000	0.000	0.000	0.000	250.000	250.000	250.000	0.000	0.700	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	980.000	1090.000	0.000	0.000

XI	180289.000	0.000	0.000	0.000	39.000	39.000	39.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	1000.000	1110.000	0.000	0.000

DE-44 OAK

XI	180290.000	9.000	1010.000	1110.000	1.000	1.000	1.000	0.000	0.000	0.000
GR	557.000	924.000	554.500	930.000	542.900	1010.000	537.900	1011.000	537.600	1109.000
GR	547.500	1110.000	548.000	1140.000	551.300	1224.000	555.000	1250.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	1000.000	1110.000	0.000	0.000

XI	180310.000	0.000	0.000	0.000	20.000	20.000	20.000	0.000	0.000	0.000
NC	0.100	0.100	0.050	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	960.000	1207.000	0.000	0.000

XI	181000.000	13.400	1050.000	1100.000	690.000	690.000	690.000	0.000	-1.600	0.000
GR	560.000	620.000	530.000	690.000	540.000	960.000	538.000	1000.000	530.000	1030.000
GR	530.000	1060.000	530.000	1090.000	530.000	1100.000	536.000	1150.000	538.000	1210.000
GR	540.000	1270.000	550.000	1310.000	560.000	1360.000	0.000	0.000	0.000	0.000
QT	5.000	3750.000	6500.000	8100.000	12800.000	8100.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	960.000	1200.000	0.000	0.000

XI	182200.000	0.000	0.000	0.000	1200.000	1200.000	1200.000	0.000	1.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	960.000	1200.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	960.000	1200.000	0.000	0.000

XI	183000.000	0.000	0.000	0.000	800.000	800.000	800.000	0.000	1.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	945.000	1245.000	0.000	0.000

XI	186490.000	12.000	1000.000	1039.000	550.000	550.000	550.000	0.000	0.000	0.000
GR	570.000	725.000	560.000	850.000	550.000	875.000	540.000	980.000	538.000	1000.000
GR	533.100	1000.000	533.100	1020.000	538.000	1039.000	540.000	1230.000	530.000	1290.000
GR	560.000	1360.000	570.000	1400.000	0.000	0.000	0.000	0.000	0.000	0.000
QT	5.000	3640.000	6350.000	7950.000	12650.000	7800.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	945.000	1190.000	0.000	0.000

XI	189090.000	15.000	1000.000	1039.000	2650.000	2650.000	2650.000	0.000	0.000	0.000
GR	564.600	648.000	562.500	748.000	559.000	848.000	545.300	948.000	544.700	1000.000
GR	538.800	1008.000	538.300	1010.000	538.400	1020.000	538.600	1026.000	543.200	1039.000
GR	543.300	1048.000	548.200	1060.000	550.000	1248.000	561.400	1348.000	564.600	1358.000
BT	5.000	3530.000	6200.000	7800.000	12500.000	7800.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	945.000	1120.000	0.000	0.000

XI	189200.000	15.000	1000.000	1039.000	110.000	110.000	110.000	0.000	0.000	0.000
GR	565.000	800.000	545.300	946.000	544.700	1000.000	538.800	1008.000	538.300	1010.000
GR	538.400	1020.000	538.600	1026.000	543.200	1039.000	543.300	1048.000	548.200	1060.000
GR	549.300	1165.000	561.500	1270.000	565.000	1280.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	945.000	1065.000	0.000	0.000

XI	189300.000	13.000	1000.000	1039.000	100.000	100.000	100.000	0.000	1.100	0.000
GR	565.000	800.000	545.300	946.000	544.700	1000.000	538.800	1008.000	538.300	1010.000
GR	538.400	1020.000	538.600	1026.000	543.200	1039.000	543.300	1048.000	548.200	1060.000
GR	548.400	1085.000	561.500	1190.000	565.000	1200.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.000	0.400	0.600	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	935.000	1050.000	0.000	0.000

GE-45A DAM

XI	189430.000	15.000	1000.000	1039.000	130.000	130.000	130.000	0.000	0.000	0.000
GR	574.300	840.000	559.600	901.000	551.500	905.000	546.900	948.000	546.500	1000.000
GR	540.400	1008.000	539.900	1010.000	540.600	1020.000	540.200	1026.000	544.800	1039.000
GR	544.900	1048.000	551.200	1064.000	538.500	1080.000	572.200	1107.000	576.100	1124.000
SB	0.000	1.600	3.000	0.000	0.100	0.090	1.000	0.600	540.000	540.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	910.000	1060.000	0.000	0.000

XI	189445.000	0.000	0.000	0.000	15.000	15.000	15.000	0.000	0.000	0.000
XC	0.000	0.000	1.000	330.000	551.000	0.000	0.000	0.000	0.000	0.000
BI	10.000	0.000	574.300	0.000	61.000	559.500	0.000	62.000	551.500	0.000
BT	67.000	551.500	0.000	76.000	554.500	0.000	155.000	553.700	0.000	200.000
BI	555.000	0.000	245.000	556.500	0.000	267.000	572.200	0.000	234.000	576.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.050	0.100	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	975.000	1050.000	0.000	0.000

XI	189700.000	15.000	1000.000	1039.000	255.000	255.000	255.000	0.000	1.000	0.000
GR	574.300	840.000	559.600	901.000	551.500	905.000	546.900	948.000	546.500	1000.000
GR	540.400	1008.000	539.900	1010.000	540.600	1020.000	540.200	1026.000	544.800	1039.000
GR	544.900	1048.000	551.200	1064.000	538.500	1080.000	572.200	1107.000	576.100	1124.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	975.000	1075.000	0.000	0.000

GE-46 VALLEY

XI	191000.000	15.000	1000.000	1039.000	1300.000	1300.000	1300.000	0.000	0.000	0.000
GR	573.700	874.000	557.300	947.000	555.600	974.000	559.500	1000.000	552.200	1002.000
GR	548.000	1012.000	547.000	1022.000	547.400	1032.000	547.200	1042.000	548.900	1032.000
GR	551.800	1023.000	556.200	1065.000	556.800	1080.000	566.500	1115.000	576.500	1130.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	970.000	1072.000	0.000	0.000

XI	191100.000	0.000	0.000	0.000	100.000	100.000	100.000	0.000	0.100	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	970.000	1075.000	0.000	0.000

XI	191200.000	0.000	0.000	0.000	100.000	100.000	100.000	0.000	0.100	0.000
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0.000 0.000 0.000 0.000 0.000 7.100 955.000 1075.000 0.000 0.000

XI	192000.000	0.000	0.000	0.000	800.000	800.000	800.000	0.000	0.800	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	955.000	1075.000	0.000	0.000

XI	193000.000	0.000	0.000	0.000	1000.000	1000.000	1000.000	0.000	1.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	950.000	1060.000	0.000	0.000

OE-47 VALLEY

XI	197000.000	11.000	1000.000	1046.000	4000.000	4000.000	4000.000	0.000	0.000	0.000
GR	583.000	652.000	563.100	952.000	562.300	1000.000	555.600	1007.000	554.600	1017.000
GR	553.900	1027.000	554.800	1037.000	563.900	1040.000	564.200	1052.000	575.100	1152.000
GR	588.200	1252.000	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	7.100	445.000	1090.000	0.000	0.000

XI	199480.000	13.000	1000.000	1049.000	2480.000	2480.000	2480.000	0.000	0.000	0.000
GR	590.000	750.000	580.000	865.000	570.000	930.000	565.700	956.000	564.600	1000.000
GR	556.800	1008.000	556.400	1018.000	556.400	1039.000	561.300	1044.000	566.800	1061.000
GR	570.000	1100.000	580.000	1170.000	590.000	1450.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.000	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	950.000	1090.000	0.000	0.000

XI	199585.000	15.000	960.000	1079.000	105.000	105.000	105.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	573.700	574.400	0.000
GR	590.000	750.000	580.000	865.000	570.000	930.000	565.500	960.000	564.600	1000.000
GR	556.800	1008.000	556.400	1018.000	556.400	1039.000	561.300	1044.000	566.800	1061.000
GR	566.800	1078.000	566.300	1079.000	570.000	1100.000	580.000	1170.000	590.000	1450.000
SB	1.250	1.600	2.800	0.000	29.000	5.600	1158.000	2.020	556.500	556.400
ET	0.000	0.000	0.000	0.000	0.000	7.100	945.000	1090.000	0.000	0.000

OE-48 SR 1350

XI	199615.000	0.000	0.000	0.000	30.000	30.000	30.000	0.000	0.100	0.000
X3	0.000	0.000	1.000	573.500	574.600	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	574.300	575.200	0.000
ET	0.000	750.000	564.700	0.000	861.000	860.100	0.000	845.000	575.000	0.000
ET	0.000	570.100	0.000	960.000	574.600	0.000	1079.000	573.800	0.000	1090.000
ET	573.500	0.000	1120.000	585.400	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	902.000	1090.000	0.000	0.000

XI	199720.000	12.000	1000.000	1059.000	0.000	0.000	0.000	0.000	-1.700	0.000
GR	590.000	750.000	580.000	865.000	570.000	930.000	565.700	956.000	564.600	1000.000
GR	556.800	1008.000	556.400	1018.000	556.400	1039.000	561.300	1044.000	566.800	1061.000
GR	566.800	1078.000	566.300	1079.000	570.000	1100.000	580.000	1170.000	590.000	1450.000
ET	0.000	0.000	0.000	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	912.000	1090.000	0.000	0.000

OE-49 VALLEY

XI	199900.000	0.000	0.000	0.000	280.000	280.000	280.000	0.000	1.700	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	990.000	1190.000	0.000	0.000

OE-50 VALLEY

XI	201320.000	12.000	1000.000	1044.000	1340.000	1340.000	1340.000	0.000	0.000	0.000
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GR	559.700	1029.000	560.200	1034.000	561.800	1039.000	566.700	1044.000	570.400	1032.000
GR	573.600	1232.000	589.000	1332.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	990.000	1190.000	0.000	0.000

XI	201950.000	0.000	0.000	0.000	630.000	630.000	630.000	0.000	1.300	0.000
EJ	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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 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 FREQUENCIES LIST

EAR NATURAL PROFILE

SUMMARY PRINTOUT

SECTNO	CWSEL	IG	ELMIN	ELLC	10K45	L
179320.000	533.30	534.35	519.20	0.00	53.39	8000.00
179320.000	530.10	535.29	519.20	0.00	32.48	8000.00
179420.000	534.00	534.02	520.30	0.00	16.30	8000.00
179420.000	534.08	535.50	520.30	0.00	15.27	8000.00
179600.000	534.52	534.95	520.00	0.00	10.77	8000.00
179600.000	535.52	535.88	520.00	0.00	11.15	8000.00
179640.000	534.59	535.05	520.00	500.00	14.90	8000.00
179640.000	535.52	535.95	520.00	500.00	11.50	8000.00
179700.000	534.00	535.21	520.00	0.00	15.34	8000.00
179700.000	535.51	536.17	520.00	0.00	14.82	8000.00
180000.000	535.09	535.00	521.30	0.00	15.54	8700.00
180000.000	535.96	536.00	521.30	0.00	16.05	8700.00
180250.000	535.03	536.11	522.00	0.00	17.00	8700.00
180250.000	536.33	537.01	522.00	0.00	15.50	8700.00
180289.000	534.55	536.10	522.00	0.00	16.00	8700.00
180289.000	536.41	537.00	522.00	0.00	15.60	8700.00
180290.000	536.07	537.17	522.00	0.00	16.50	8700.00
180290.000	536.20	537.17	522.00	0.00	16.50	8700.00
180310.000	536.07	537.10	522.00	0.00	16.00	8700.00
180310.000	536.01	537.00	522.00	0.00	15.00	8700.00
181000.000	536.13	537.25	522.00	0.00	16.00	8700.00
181000.000	536.13	537.27	522.00	0.00	16.20	8700.00
182280.000	536.77	538.00	520.00	0.00	16.17	8100.00
182280.000	536.73	538.00	520.00	0.00	16.17	8100.00
183080.000	536.90	539.11	521.00	0.00	16.00	8100.00
183080.000	536.10	539.00	521.00	0.00	15.50	8100.00

PRINTED IN U.S.A.

SECNO	CWSEL	EG	ELMIN	ELLC	TKAS	R
184400.000	550.73	550.85	533.10	0.00	5.31	8100.00
184400.000	550.99	551.13	533.10	0.00	5.57	8100.00
189090.000	553.08	553.29	538.30	0.00	27.44	7950.00
189090.000	553.39	554.10	538.30	0.00	28.56	7800.00
189200.000	553.29	554.08	538.90	0.00	34.06	7800.00
189200.000	553.57	554.53	538.90	0.00	37.39	7800.00
189300.000	553.47	554.55	539.40	0.00	44.76	7800.00
189300.000	553.72	555.08	539.40	0.00	50.16	7800.00
189430.000	554.04	555.10	539.90	0.00	45.70	7800.00
189430.000	554.37	555.73	539.90	0.00	49.20	7800.00
189445.000	560.19	560.50	539.90	550.00	8.19	7600.00
189445.000	560.12	560.47	539.90	550.00	9.61	7600.00
189700.000	560.34	560.74	540.90	0.00	9.86	7800.00
189700.000	560.34	560.76	540.90	0.00	11.62	7800.00
191000.000	561.99	562.62	547.20	0.00	25.24	7800.00
191000.000	562.19	563.21	547.20	0.00	28.52	7800.00
191100.000	562.26	563.07	547.30	0.00	25.89	7800.00
191100.000	562.55	563.49	547.30	0.00	25.66	7800.00
191200.000	562.59	563.21	547.40	0.00	22.61	7800.00
191200.000	562.83	563.70	547.40	0.00	24.54	7800.00
192000.000	564.20	564.80	548.20	0.00	19.64	7200.00
192000.000	564.71	565.32	548.20	0.00	15.30	7200.00
193000.000	565.73	566.36	549.20	0.00	13.12	7200.00
193000.000	566.20	566.75	549.20	0.00	13.50	7200.00
197000.000	571.20	571.80	553.20	0.00	17.13	7200.00
197000.000	571.45	572.03	553.20	0.00	17.73	7200.00
199000.000	575.31	575.70	556.20	0.00	16.37	7200.00
199000.000	575.55	576.21	556.20	0.00	17.22	7200.00
199000.000	575.81	576.47	556.20	0.00	17.87	7200.00
199000.000	576.12	576.78	556.20	0.00	18.73	7200.00
199010.000	576.15	576.71	556.20	0.00	18.90	7200.00
199010.000	576.51	577.21	556.20	0.00	19.19	7200.00
199700.000	576.10	576.70	556.70	0.00	17.97	7200.00
199700.000	576.50	577.25	556.70	0.00	18.29	7200.00
199900.000	576.71	577.41	556.90	0.00	18.67	7200.00
199900.000	576.733	577.53	556.90	0.00	19.50	7200.00
201300.000	576.63	577.31	556.70	0.00	18.60	7200.00
201300.000	576.63	576.90	556.70	0.00	18.05	7200.00

SECNO	CWSEL	LG	ELMIN	ELLC	TKAS	U
201950.000	578.67	579.02	561.00	0.00	12.08	7200.00
201950.000	579.28	579.67	561.00	0.00	12.22	7200.00

EAR NATURAL PROFILE

SUMMARY PRINTOUT

SECNO	CAGEE	SSIA	STCHL	STCHR	ENDST	10FWID
179320.000	533.30	897.72	1000.00	1057.00	1099.48	201.76
179320.000	534.10	956.00	1000.00	1057.00	1071.00	115.00
179420.000	534.00	899.83	990.00	1080.00	1098.98	199.14
179420.000	534.88	980.00	990.00	1080.00	1090.00	110.00
179600.000	534.52	898.29	940.00	1108.00	1099.47	201.18
179600.000	535.52	930.00	940.00	1108.00	1101.72	171.72
179640.000	534.59	940.00	940.00	1108.00	1099.63	159.63
179640.000	535.58	940.00	940.00	1108.00	1098.00	158.00
179700.000	534.60	899.12	990.00	1080.00	1099.20	200.00
179700.000	535.51	980.00	990.00	1080.00	1090.00	110.00
180000.000	535.09	899.22	990.00	1080.00	1099.17	199.95
180000.000	535.96	980.00	990.00	1080.00	1090.00	110.00
180250.000	535.48	901.41	990.00	1080.00	1098.48	197.66
180250.000	536.33	980.00	990.00	1080.00	1090.00	110.00
180289.000	535.55	900.96	990.00	1080.00	1098.62	197.66
180289.000	536.40	980.00	990.00	1080.00	1090.00	110.00
* 180290.000	544.07	1001.52	1010.00	1110.00	1109.65	107.75
* 180290.000	544.08	1001.89	1010.00	1110.00	1109.65	107.75
180310.000	545.83	989.82	1010.00	1110.00	1109.85	120.61
180310.000	545.81	1000.00	1010.00	1110.00	1109.85	109.85
181000.000	546.13	891.88	1050.00	1100.00	1300.92	417.04
181000.000	546.14	986.00	1050.00	1100.00	1287.00	507.00
182280.000	546.62	899.04	1050.00	1100.00	1304.49	406.00
182280.000	546.70	900.00	1050.00	1100.00	1280.00	500.00
183080.000	548.98	904.17	1050.00	1100.00	1301.91	397.74
183080.000	549.10	900.00	1050.00	1100.00	1280.00	500.00
186440.000	550.73	871.73	1000.00	1059.00	1293.00	423.23
186440.000	550.99	945.00	1000.00	1059.00	1245.00	500.00
189090.000	553.08	891.25	1000.00	1059.00	1273.02	501.79
189090.000	553.39	945.00	1000.00	1059.00	1190.00	245.00
189200.000	553.27	892.48	1000.00	1059.00	1192.76	500.50
189200.000	553.57	945.00	1000.00	1059.00	1130.00	185.00
189300.000	553.47	894.86	1000.00	1059.00	1116.84	221.98
189300.000	553.72	945.00	1000.00	1059.00	1065.00	120.00
189430.000	554.04	903.75	1000.00	1059.00	1072.55	100.00
189430.000	554.37	935.00	1000.00	1059.00	1050.00	115.00

SECNO	CRSEL	SSIA	STGHL	VTCHR	ENST	TOPWTD
189445.000	560.19	898.55	1000.00	1057.00	1080.59	190.04
189446.000	560.12	910.00	1000.00	1039.00	1060.00	150.00
189700.000	560.39	901.10	1000.00	1039.00	1087.36	186.26
189706.000	560.34	915.00	1000.00	1039.00	1060.00	145.00
191000.000	561.99	926.10	1000.00	1065.00	1095.54	165.44
191000.000	562.18	975.00	1000.00	1065.00	1075.00	100.00
191100.000	562.29	925.29	1000.00	1065.00	1096.08	170.79
191100.000	562.55	970.00	1000.00	1065.00	1075.00	105.00
191200.000	562.54	924.01	1000.00	1065.00	1096.54	171.93
191200.000	562.63	970.00	1000.00	1065.00	1075.00	105.00
192000.000	564.20	920.96	1000.00	1065.00	1099.33	170.87
192000.000	564.71	960.00	1000.00	1065.00	1075.00	115.00
193000.000	565.71	910.47	1000.00	1065.00	1100.67	182.39
193000.000	566.20	955.00	1000.00	1065.00	1075.00	120.00
197000.000	571.76	900.50	1000.00	1090.00	1121.33	212.04
197000.000	572.35	950.00	1000.00	1090.00	1060.00	110.00
199480.000	575.52	895.40	1000.00	1090.00	1137.20	241.83
199480.000	575.93	891.07	1000.00	1090.00	1090.00	194.53
199525.000	575.01	893.54	900.00	1075.00	1134.27	202.73
199525.000	576.10	850.00	900.00	1075.00	1090.00	100.00
199615.000	576.15	890.09	900.00	1075.00	1140.55	201.00
199615.000	576.30	895.00	900.00	1075.00	1090.00	145.00
199700.000	576.10	855.00	1000.00	1035.00	1091.34	235.50
199700.000	576.30	905.00	1000.00	1035.00	1091.00	150.00
199900.000	576.50	803.04	1000.00	1035.00	1080.50	201.05
199900.000	576.70	915.00	1000.00	1035.00	1050.00	135.00
201320.000	576.03	900.50	1000.00	1090.00	1200.75	299.76
201320.000	576.53	890.00	1000.00	1090.00	1199.00	209.00
201950.000	577.07	907.54	1000.00	1090.00	1236.51	293.97
201950.000	579.28	890.00	1000.00	1090.00	1190.00	200.00

SUMMARY OF ERRORS

CAUTION SECNO=***** PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO=***** PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO=***** PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO=***** PROFILE= 2 CRITICAL DEPTH ASSUMED

CAUTION SECNO=***** PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO=***** PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO=***** PROFILE= 1 HYDRAULIC JUMP U.S.

CAUTION SECNO=***** PROFILE= 2 HYDRAULIC JUMP U.S.

FLOODWAY DATA, EAR NATURAL PROFILE

PROFILE NO. 225

STATION	WIDTH (FT)	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION		
				WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
179320.000	115.	1242.	7.1	534.1	533.3	0.8
179420.000	110.	1441.	6.1	534.9	534.0	0.9
179600.000	172.	1846.	4.8	535.9	534.5	1.0
179640.000	150.	1807.	4.9	535.6	534.6	1.0
179700.000	110.	1455.	6.0	535.5	534.6	0.9
180000.000	110.	1450.	6.0	536.0	535.1	0.9
180250.000	110.	1413.	6.2	536.4	535.5	0.9
180289.000	110.	1420.	6.1	536.4	535.6	0.8
180290.000	108.	621.	14.0	544.1	544.1	0.0
180310.000	110.	611.	10.7	545.6	545.6	0.0
181000.000	307.	4052.	2.1	548.1	548.1	0.0
182280.000	300.	3679.	2.2	548.2	548.6	0.1
183080.000	300.	3498.	2.3	549.1	549.0	0.1
186440.000	300.	3649.	2.2	551.0	550.7	0.3
189090.000	245.	1748.	4.5	553.4	553.1	0.3
189200.000	185.	1829.	5.5	553.0	553.3	0.3
189300.000	120.	1102.	7.1	553.7	553.5	0.2
189430.000	115.	1096.	7.1	554.3	554.0	0.3
189445.000	150.	2145.	3.6	560.2	560.2	0.0
189700.000	145.	1965.	3.9	560.4	560.4	0.0
191000.000	100.	1094.	7.1	562.2	562.0	0.2
191100.000	105.	1155.	6.8	562.0	562.3	0.3
191200.000	105.	1173.	6.7	562.0	562.3	0.3
192000.000	115.	1362.	5.3	564.7	564.3	0.4
193000.000	120.	1456.	4.9	566.2	565.7	0.5
197000.000	110.	1337.	5.0	572.4	571.8	0.6
199480.000	199.	2041.	3.5	575.9	575.3	0.6
199505.000	140.	1819.	4.0	576.1	575.6	0.5
199615.000	145.	1907.	3.8	576.5	576.1	0.4
199700.000	150.	2009.	3.6	576.6	576.2	0.4
199980.000	135.	1646.	4.4	576.6	576.4	0.2
201320.000	207.	2622.	3.2	578.6	578.0	0.6
201450.000	200.	2637.	3.5	579.5	578.7	0.8