

RECEIVED RELEASE DATED NOV 76 UPDATED

ERROR CORR - 01,02

MODIFICATION - 50,51,52,53

30

LE CR

NEVILLE

CREEK

0.000 0.000
0.000 0.000

0.000 0.000
0.000 0.000

0.000 1120.000
0.000 0.000
0.000 0.000

0.600 1009.000
0.000 0.000

2.000 0.000

0.400 0.000
0.000 0.000

3.400 0.000

0.950 0.000

0.950 0.000

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

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NEVILLE CR

C
 T1 ORANGE COUNTY FIA STUDY
 T2 NEVILLE CREEK
 T3 10 YR G MAY 1978 CRF

J1	ICHECK	IND	NINV	IDIR	STRT	METRIC	HVINS	0	WSEL	EQ
	0	2	0	0	0.005200	0.00	0.0	0	359.700	0.000
J2	NPROF	IPLUT	PRFVS	XSECV	ASECH	FN	ALLDC	INR	CHNIM	ITRACE
	1.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	58.000	1.000	3.000	42.000	41.000	4.000	0.000	58.000	1.000	13.000
	14.000	15.000	55.000	26.000	58.000	0.000	150.000	201.000	0.000	0.000
NC	0.120	0.120	0.060	0.106	0.300	0.000	0.000	0.000	0.000	0.000
QT	5.000	1170.000	1660.000	2270.000	3640.000	2270.000	0.000	0.000	0.000	0.000
X1	6600.000	11.000	1000.000	1046.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	380.000	720.000	370.000	810.000	360.000	940.000	354.000	1000.000	354.500	1005.000
GR	353.700	1023.000	354.500	1041.000	350.000	1046.000	360.000	1060.000	370.000	1120.000
GR	380.000	1150.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
QT	5.000	690.000	1580.000	1790.000	3155.000	1790.000	0.000	0.000	0.000	0.000
X1	200.000	9.000	1000.000	1019.000	510.000	510.000	510.000	1.000	-2.000	0.000
GR	384.100	830.000	368.400	450.000	362.400	1000.000	560.000	1003.000	560.000	1004.000
GR	360.700	1017.000	362.400	1019.000	363.000	1030.000	383.500	1075.000	0.000	0.000
LINE-3 VALLEY										
X1	410.000	0.000	0.000	0.000	200.000	200.000	200.000	0.000	2.000	0.000
X1	450.000	0.000	0.000	0.000	40.000	40.000	40.000	0.000	0.400	0.000
QT	5.000	450.000	900.000	1170.000	2080.000	1170.000	0.000	0.000	0.000	0.000
X1	600.000	0.000	0.000	0.000	350.000	350.000	350.000	0.000	3.400	0.000
X1	1000.000	0.000	0.000	0.000	200.000	200.000	200.000	0.000	1.950	0.000
X1	1200.000	0.000	0.000	0.000	200.000	200.000	200.000	0.000	1.950	0.000

ONE-4 VALLEY

X1	5700.000	11.000	1000.000	1015.000	2500.000	2500.000	2500.000	0.000	0.000	0.000
GR	417.000	935.000	396.900	993.000	396.000	1000.000	393.400	1001.000	392.600	1008.000
GR	343.200	1014.000	395.900	1015.000	395.100	1035.000	396.500	1135.000	407.200	1235.000
GR	416.400	1290.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

ONE-5 VALLEY

X1	7410.000	19.000	1000.000	1021.000	3710.000	3710.000	3710.000	0.000	0.000	0.000
GR	440.000	494.000	435.600	594.000	434.400	644.000	429.800	694.000	422.900	760.000
GR	421.400	794.000	420.700	894.000	420.400	994.000	420.100	1000.000	417.300	1003.000
GR	417.000	1011.000	417.300	1019.000	420.300	1021.000	422.800	1050.000	424.900	1054.000
GR	425.900	1062.000	426.200	1073.000	434.300	1094.000	439.500	1112.000	0.000	0.000

X1	7610.000	0.000	0.000	0.000	200.000	200.000	200.000	0.000	0.900	0.000
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X1	9600.000	12.000	1000.000	1013.000	2190.000	2190.000	2190.000	0.000	-0.700	0.000
GR	451.300	764.000	442.400	864.000	434.500	917.000	433.600	964.000	431.300	1000.000
GR	429.200	1003.000	428.600	1006.000	424.100	1011.000	431.400	1013.000	433.900	1004.000
GR	449.100	1164.000	452.600	1238.000	0.000	0.000	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

X1	9925.000	14.000	1000.000	1020.000	125.000	125.000	125.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	430.500	430.500	0.000
GR	451.300	764.000	442.400	864.000	434.500	917.000	433.600	964.000	431.300	1000.000
GR	430.300	1000.100	428.800	1005.000	428.600	1010.000	428.700	1015.000	429.900	1019.900
GR	431.700	1020.000	433.900	1064.000	449.100	1164.000	452.600	1238.000	0.000	0.000
SB	0.000	1.600	2.800	0.000	17.500	0.100	171.000	0.170	428.600	428.600

ONE-6 SR 1946

X1	9955.000	0.000	0.000	0.000	30.000	30.000	30.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	437.600	439.400	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	439.400	439.400	0.000
BT	10.000	764.000	451.300	0.000	864.000	442.400	0.000	864.000	441.700	0.000
BT	939.000	439.800	0.000	1000.000	439.400	0.000	1020.000	439.400	0.000	1039.000
BT	439.900	0.000	1153.000	447.400	0.000	1164.000	449.100	0.000	1238.000	452.600
BT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	10020.000	12.000	1000.000	1013.000	65.000	65.000	65.000	0.000	0.000	0.000
GR	451.300	764.000	442.400	864.000	434.500	917.000	433.600	964.000	431.300	1000.000
GR	429.200	1003.000	428.600	1006.000	429.100	1011.000	431.400	1013.000	433.900	1004.000
GR	449.100	1164.000	452.600	1238.000	0.000	0.000	0.000	0.000	0.000	0.000

ONE-7 VALLEY

X1	10110.000	0.000	0.000	0.000	90.000	90.000	90.000	0.000	0.000	0.000
EJ	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

 RECD RELEASE DATED NOV 76 UPDATED AUG 77
 ERROR CORR - 01,02

MODIFICATION - 50,51,52,53

T1 ORANGE COUNTY FIA STUDY
 T2 NEVILLE CREEK
 T3 50 YR FLOOD MAY 1978 CWF

J1 ICHECK INU NINV IDIR SIRT METRIC HVINS U WSEL PU
 -10. 3. 0. 0. 0.005800 0.00 0.0 361. 0.000 0.000

J2 NPROF IPILOT PRFVS XSECV XSECH FN ALLDC IBN CHNIM ITRACE
 2.000 0.000 1.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000

*PROF 2

CCHV= 0.100 CEHV= 0.300

*SECNO 6600.000

2096 WSEL NOT GIVEN, AVG OF MAX, MIN USED

SECNO	DEPTH	CHSEL	CRINS	WBELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TNA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNEH	XRD	WTN	ELMIN	SSA
SLOPE	XLOBL	XLCH	XLOR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
6600.00	10.23	360.23	0.00	0.00	360.72	0.49	0.00	0.00	359.00
1860.	33.	1647.	180.	44.	278.	73.	0.	0.	350.00
0.00	0.75	5.93	2.46	0.120	0.060	0.120	0.000	350.00	937.05
0.005730	0.	0.	0.	0	0	5	0.00	124.31	1061.36

*SECNO 200.000

3501 HV CHANGED MORE THAN HVINS

200.00	5.62	364.22	0.00	0.00	365.33	1.11	4.42	0.19	360.40
1380.	218.	989.	174.	85.	101.	50.	4.	1.	360.40
0.02	2.56	9.81	3.47	0.120	0.060	0.120	0.060	358.60	955.50
0.018199	510.	510.	510.	3	0	0	0.00	81.63	1037.13

*SECNO 410.000

ONE-3 VALLEY

410.00	6.60	367.20	0.00	0.00	367.82	0.63	2.45	0.05	362.40
1300.	270.	911.	191.	134.	119.	69.	5.	2.	362.40
0.03	2.07	7.63	2.77	0.120	0.060	0.120	0.060	360.60	944.07
0.006785	200.	200.	200.	2	0	0	0.00	95.22	1039.50

*SECNO 450.000

450.00	6.54	367.54	0.00	0.00	368.19	0.65	0.36	0.01	362.80
1380.	275.	915.	190.	131.	118.	68.	5.	2.	362.80
0.03	2.10	7.74	2.81	0.120	0.060	0.120	0.060	361.00	944.73

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

T1 DRANGE COUNTY FIA STUDY
 T2 NEVILLE CREEK
 T3 100 YR FLOOD MAY 1976 CNF

J1	ICHECK	IHW	MINV	IDIR	STRT	NETRIC	HVINS	0	WSEL	FD
	-10.	4.	0.	0.	0.006000	0.00	0.0	362.	0.000	0.000
J2	WPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLUC	167	CHNIM	ITRACE
	5.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

*PROF 3

CCHV= 0.100 CEHV= 0.500
 *SECNO 6600.000

2096 WSEL NOT GIVEN, AVG OF MAX, MIN USED

SECNO	DEPTH	WSEL	CRIMS	WSELK	EG	HV	HL	LOSS	BANK	ELEV
0	WLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT	
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSIA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAK	TOPWID	ENDST	
6600.00	10.81	360.81	0.00	0.00	361.57	0.57	0.00	0.00	359.00	
2270.	92.	1958.	220.	83.	304.	83.	0.	0.	350.00	
0.00	1.11	6.83	2.65	0.120	0.060	0.120	0.000	350.00	929.52	
0.005979	0.	0.	0.	0	0	5	0.00	135.32	1064.64	

*SECNO 200.000

3501 HV CHANGED MORE THAN HVINS

200.00	7.34	364.94	0.00	0.00	366.16	1.22	4.39	0.20	360.40	
1790.	301.	1207.	243.	120.	114.	64.	4.	1.	360.40	
0.02	2.84	10.54	3.81	0.120	0.060	0.120	0.060	358.60	947.08	
0.017723	510.	510.	510.	3	0	0	0.00	91.64	1058.72	

*SECNO 410.000

3301 HV CHANGED MORE THAN HVINS

ONE-3 VALLEY

410.00	7.35	367.95	0.00	0.00	368.66	0.71	2.46	0.00	362.40	
1790.	416.	1115.	260.	180.	134.	85.	6.	2.	362.40	
0.03	2.32	8.34	3.06	0.120	0.060	0.120	0.060	360.60	135.28	
0.009013	200.	200.	200.	2	0	0	0.00	105.69	1050.97	

*SECNO 450.000

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

T1 ORANGE COUNTY FIA STUDY
 T2 NEVILLE CREEK
 T3 500 YR FLOOD MAY 1978 Cnt

J1	ICHECK	INU	WINV	IDIR	SIRI	HEIRIC	HVINS	WSEL	IG	
	-10.	5.	0.	0.	0.006500	0.00	0.0	363.	0.000	
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBK	CHNIM	ITRACE
	15.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

*PROF 4

CCHV= 0.100 CENV= 0.500
 *SECNO 6600.000
 2096 WSEL NOT GIVEN, AVG OF MAX, MIN USED

SECNO	DEPTH	CHSEL	CRINS	WSELK	EG	HV	HL	LOSS	BANK ELEV
U	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	STA
SLOPE	XLOBL	XLCH	XLOBR	IIRIAL	IDC	ICURT	CORAR	TOPWID	ENOST
6600.00	12.36	362.36	0.00	0.00	363.11	0.75	0.00	0.00	359.00
3640.	385.	2898.	357.	208.	376.	120.	0.	0.	350.00
0.00	1.85	7.71	2.98	0.120	0.060	0.120	0.060	350.00	909.31
0.006482	0.	0.	0.	0	0	4	0.00	164.85	1074.16

*SECNO 200.000

3301 HV CHANGED MORE THAN HVINS

200.00	8.15	366.75	0.00	0.00	366.23	1.48	4.90	0.22	360.40
3155.	640.	1831.	870.	235.	149.	103.	7.	2.	360.40
0.02	3.01	12.34	4.56	0.120	0.060	0.120	0.060	358.60	927.78
0.017097	510.	510.	510.	3	0	0	0.00	114.96	1042.74

*SECNO 410.000

3301 HV CHANGED MORE THAN HVINS

ONE-S VALLEY

410.00	9.25	369.85	0.00	0.00	370.73	0.88	2.94	0.00	362.40
3155.	1003.	1674.	477.	319.	170.	131.	10.	2.	362.40
0.02	3.15	9.85	3.65	0.120	0.060	0.120	0.060	360.60	920.74
0.009144	200.	200.	200.	2	0	0	0.00	124.46	1045.19

*SECNO 450.000

 REC2 RELEASE DATED NOV 76 UPDATED AUG 77
 ERROR CORR - 01.02
 MODIFICATION - 50,51,52,53

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

R U MAY 1978 CNF

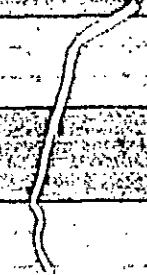
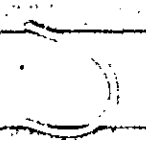
SUMMARY PRINTOUT

SECRD	LWSEL	EG	ELMIN	ELLC	TOPWD
6600.000	358.95	359.28	350.00	0.00	58.47
6600.000	360.23	360.72	350.00	0.00	124.31
6600.000	360.81	361.37	350.00	0.00	135.32
6600.000	362.36	363.11	350.00	0.00	164.85
200.000	362.55	363.48	358.60	0.00	58.52
200.000	364.22	365.33	358.60	0.00	81.63
200.000	364.94	366.16	358.60	0.00	91.64
200.000	366.75	368.23	358.60	0.00	114.96
410.000	365.56	365.99	360.60	0.00	72.63
410.000	367.20	367.82	360.60	0.00	95.22
410.000	367.95	368.66	360.60	0.00	105.69
410.000	369.85	370.73	360.60	0.00	124.46
450.000	365.87	366.33	361.00	0.00	71.25
450.000	367.54	368.19	361.00	0.00	94.43
450.000	368.30	369.03	361.00	0.00	105.02
450.000	370.21	371.11	361.00	0.00	125.98
800.000	368.71	369.00	364.40	0.00	65.55
800.000	370.44	370.81	364.40	0.00	87.56
800.000	371.24	371.63	364.40	0.00	98.61
800.000	373.20	373.67	364.40	0.00	120.56
1000.000	370.21	370.63	366.35	0.00	57.17
1000.000	371.73	372.29	366.35	0.00	78.41
1000.000	372.46	373.05	366.35	0.00	88.52
1000.000	374.31	375.02	366.35	0.00	113.40
1200.000	372.25	372.65	368.30	0.00	58.10
1200.000	373.63	374.20	368.30	0.00	77.69
1200.000	374.29	374.93	368.30	0.00	86.89
1200.000	376.04	376.83	368.30	0.00	111.11
3700.000	396.03	397.09	392.60	0.00	144.57
3700.000	397.01	398.00	392.60	0.00	156.70
3700.000	398.28	398.54	392.60	0.00	162.57
3700.000	399.54	399.85	392.60	0.00	178.10

SUMMARY PRINTOUT

SECNO	CWSEL	WLDB	UCH	DRGB	VLOB	VCH	VRDB
6600.000	358.45	0.00	1051.95	118.05	0.00	4.80	2.11
6600.000	360.23	33.15	1646.61	180.24	0.75	5.93	2.46
6600.000	360.81	91.86	1957.97	220.17	1.11	6.43	2.65
6600.000	362.36	345.09	2897.60	357.31	1.85	7.71	2.98
200.000	362.55	51.60	578.36	59.96	1.92	8.36	2.61
200.000	364.22	217.52	788.66	175.81	2.56	9.01	3.47
200.000	364.94	340.66	1206.67	242.67	2.84	10.54	3.81
200.000	366.75	647.65	1837.33	470.02	3.61	12.34	4.56
410.000	365.56	87.18	523.97	-78.84	1.49	5.92	2.03
410.000	367.20	277.49	911.07	190.94	2.07	7.63	2.77
410.000	367.95	415.70	1114.70	259.61	2.32	8.34	3.08
410.000	369.85	1003.44	1674.14	477.42	3.15	9.85	3.65
450.000	365.87	85.74	528.90	77.36	1.53	6.11	2.68
450.000	367.54	274.61	915.27	190.12	2.10	7.74	2.61
450.000	368.30	412.50	1110.75	258.94	2.34	8.42	3.09
450.000	370.21	946.74	1681.19	477.06	3.17	9.95	3.69
800.000	368.71	42.03	363.77	44.21	1.14	4.78	1.56
800.000	370.44	159.55	621.65	118.80	1.52	5.71	2.05
800.000	371.24	247.66	757.65	164.67	1.67	6.11	2.23
800.000	373.20	623.11	1144.09	312.60	2.20	7.09	2.63
1000.000	370.21	31.48	380.95	37.57	1.28	5.66	1.74
1000.000	371.73	131.96	656.09	109.94	1.76	6.83	2.39
1000.000	372.46	211.05	803.48	155.40	1.95	7.29	2.62
1000.000	374.31	530.54	1232.43	309.02	2.43	8.47	3.13
1200.000	372.23	33.11	376.18	38.70	1.26	5.51	1.71
1200.000	373.63	129.73	661.14	109.13	1.78	6.93	2.42
1200.000	374.29	204.87	811.41	153.71	2.00	7.51	2.69
1200.000	376.04	518.19	1258.01	307.00	2.50	8.92	3.28
3700.000	390.83	1.64	277.09	170.47	0.69	5.07	1.31
3700.000	397.81	14.75	398.19	267.06	1.37	5.73	1.91
3700.000	398.28	24.92	462.03	682.45	1.61	6.05	2.15
3700.000	399.54	66.84	657.47	1355.29	2.10	6.89	2.72
7410.000	421.52	113.38	331.51	5.31	0.74	5.95	0.61
7410.000	422.39	497.27	470.04	22.69	1.19	4.60	0.87
7410.000	422.79	575.38	550.20	36.53	1.37	4.87	1.01
7410.000	423.85	1244.97	733.16	101.88	1.80	5.53	1.51
7610.000	422.45	116.72	227.81	5.48	0.74	5.88	0.61
7610.000	423.35	415.40	461.15	23.45	1.17	4.46	0.88
7610.000	423.76	603.60	528.56	37.84	1.34	4.73	1.00
7610.000	424.03	1254.65	721.37	103.90	1.76	5.37	1.48
9800.000	433.38	76.77	288.15	85.07	1.19	4.74	1.17
9800.000	434.51	242.47	422.69	234.64	1.53	5.59	1.72
9800.000	435.03	355.78	489.65	324.57	1.76	5.95	1.93
9800.000	436.37	754.48	689.19	631.33	2.30	6.91	2.44

SECNO	CNSEL	ULOB	UCH	URUB	VLOB	VCH	VROB
9925.000	434.03	0.00	450.00	0.00	0.00	4.53	0.00
9925.000	435.27	0.00	900.00	0.00	0.00	7.25	0.00
9925.000	435.77	0.00	1170.00	0.00	0.00	8.72	0.00
9925.000	436.84	0.00	2080.00	0.00	0.00	13.38	0.00
9955.000	434.03	0.00	450.00	0.00	0.00	4.53	0.00
9955.000	435.27	0.00	900.00	0.00	0.00	7.25	0.00
9955.000	435.77	0.00	1170.00	0.00	0.00	8.72	0.00
9955.000	440.01	808.33	734.50	537.17	1.24	3.36	1.22
10020.000	434.56	95.82	251.25	102.93	0.96	3.75	1.04
10020.000	436.53	309.98	324.61	265.41	1.12	4.50	1.20
10020.000	437.54	443.92	364.01	362.06	1.18	5.44	1.24
10020.000	440.08	891.77	498.96	689.26	1.35	6.59	1.37
10110.000	434.84	107.43	232.53	110.04	0.87	3.29	0.96
10110.000	436.89	315.85	316.28	267.87	1.08	3.34	1.16
10110.000	437.66	446.24	357.89	363.87	1.15	4.33	1.20
10110.000	440.18	894.07	495.52	690.41	1.33	5.54	1.35



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SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	U	CWSEL	CRIND	EG	10K*B	VCH	AREA	.01K
6600.000	0.00	0.00	0.00	350.00	1170.00	358.95	0.00	359.28	51.68	4.80	275.05	162.78
6600.000	0.00	0.00	0.00	350.00	1860.00	360.23	0.00	360.72	57.38	5.93	395.13	245.55
6600.000	0.00	0.00	0.00	350.00	2270.00	360.81	0.00	361.37	59.79	6.43	470.31	293.57
6600.000	0.00	0.00	0.00	350.00	3640.00	362.36	0.00	363.11	64.82	7.71	705.63	452.12
200.000	510.00	0.00	0.00	358.60	690.00	362.55	0.00	363.48	218.89	8.56	119.14	46.68
200.000	510.00	0.00	0.00	358.60	1380.00	364.22	0.00	365.33	181.99	9.61	235.76	102.50
200.000	510.00	0.00	0.00	358.60	1790.00	364.94	0.00	366.16	177.23	10.54	298.24	134.46
200.000	510.00	0.00	0.00	358.60	3155.00	366.75	0.00	368.23	170.97	12.54	486.87	241.29
410.000	200.00	0.00	0.00	360.60	690.00	365.56	0.00	365.99	78.93	5.92	165.77	77.07
410.000	200.00	0.00	0.00	360.60	1380.00	367.20	0.00	367.82	87.85	7.63	322.36	147.24
410.000	200.00	0.00	0.00	360.60	1790.00	367.95	0.00	368.66	90.13	8.34	398.10	188.54
410.000	200.00	0.00	0.00	360.60	3155.00	369.85	0.00	370.73	91.44	9.85	619.21	329.94
450.000	40.00	0.00	0.00	361.00	690.00	365.87	0.00	366.33	86.48	6.11	178.54	74.20
450.000	40.00	0.00	0.00	361.00	1380.00	367.54	0.00	368.19	91.41	7.74	316.92	144.34
450.000	40.00	0.00	0.00	361.00	1790.00	368.30	0.00	369.03	92.90	8.42	393.02	185.72
450.000	40.00	0.00	0.00	361.00	3155.00	370.21	0.00	371.11	94.12	9.45	612.39	325.21
800.000	350.00	0.00	0.00	364.40	450.00	368.71	0.00	369.00	63.01	4.78	141.23	56.69
800.000	350.00	0.00	0.00	364.40	900.00	370.44	0.00	370.81	55.57	5.71	271.90	120.73
800.000	350.00	0.00	0.00	364.40	1170.00	371.24	0.00	371.63	53.50	6.11	346.03	159.96
800.000	350.00	0.00	0.00	364.40	2080.00	373.20	0.00	373.67	50.79	7.09	563.66	291.66
1000.000	200.00	0.00	0.00	366.35	450.00	370.21	0.00	370.63	103.75	5.66	113.51	44.16
1000.000	200.00	0.00	0.00	366.35	900.00	371.73	0.00	372.28	93.59	6.83	217.20	93.03
1000.000	200.00	0.00	0.00	366.35	1170.00	372.46	0.00	373.05	84.14	7.29	274.00	123.89
1000.000	200.00	0.00	0.00	366.35	2080.00	374.31	0.00	375.02	83.20	8.47	466.00	226.03
1200.000	200.00	0.00	0.00	368.30	450.00	372.23	0.00	372.63	93.66	5.51	117.63	46.07
1200.000	200.00	0.00	0.00	368.30	900.00	373.63	0.00	374.20	97.75	6.93	213.16	91.03
1200.000	200.00	0.00	0.00	368.30	1170.00	374.29	0.00	374.93	97.37	7.51	267.72	118.57
1200.000	200.00	0.00	0.00	368.30	2080.00	376.04	0.00	376.83	95.95	8.92	440.42	212.34
3700.000	2500.00	0.00	0.00	392.60	450.00	396.83	0.00	397.07	99.96	5.07	167.32	45.01
3700.000	2500.00	0.00	0.00	392.60	900.00	397.81	0.00	398.06	73.03	5.73	333.88	93.31
3700.000	2500.00	0.00	0.00	392.60	1170.00	398.25	0.00	398.54	91.41	6.05	409.91	122.38
3700.000	2500.00	0.00	0.00	392.60	2080.00	399.54	0.00	399.85	88.08	6.89	626.22	221.63
7410.000	3710.00	0.00	0.00	417.00	450.00	421.52	0.00	421.70	47.20	3.95	245.00	65.56
7410.000	3710.00	0.00	0.00	417.00	900.00	422.39	0.00	422.57	49.29	4.00	469.97	120.20
7410.000	3710.00	0.00	0.00	417.00	1170.00	422.79	0.00	422.97	49.65	4.07	582.40	166.03
7410.000	3710.00	0.00	0.00	417.00	2080.00	423.85	0.00	424.04	50.17	5.53	892.76	293.66
7610.000	200.00	0.00	0.00	417.90	450.00	422.45	0.00	422.62	45.28	3.88	250.91	66.07
7610.000	200.00	0.00	0.00	417.90	900.00	423.35	0.00	423.52	45.64	4.45	483.33	133.22
7610.000	200.00	0.00	0.00	417.90	1170.00	423.76	0.00	423.93	46.06	4.73	600.00	172.40
7610.000	200.00	0.00	0.00	417.90	2080.00	424.83	0.00	425.01	46.59	5.37	916.67	309.73
9800.000	2190.00	0.00	0.00	427.90	450.00	433.38	0.00	433.61	55.66	4.74	198.06	60.32
9800.000	2190.00	0.00	0.00	427.90	900.00	434.31	0.00	434.76	57.91	5.59	368.11	116.27
9800.000	2190.00	0.00	0.00	427.90	1170.00	435.03	0.00	435.29	58.58	5.95	452.38	152.86
9800.000	2190.00	0.00	0.00	427.90	2080.00	436.37	0.00	436.67	61.05	6.91	689.46	266.21

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TUPWID	XLCH
6600.000	1170.00	358.95	0.00	0.00	-0.75	58.47	0.00
6600.000	1860.00	360.23	1.28	0.00	0.00	124.31	0.00
6600.000	2270.00	360.81	0.58	0.00	0.00	135.32	0.00
6600.000	3640.00	362.36	1.55	0.00	0.00	164.85	0.00
200.000	690.00	362.55	0.00	3.61	0.00	58.52	510.00
200.000	1380.00	364.22	1.67	3.99	0.00	81.63	510.00
200.000	1790.00	364.94	0.72	4.13	0.00	91.64	510.00
200.000	3155.00	366.75	1.81	4.39	0.00	114.96	510.00
410.000	690.00	365.56	0.00	3.01	0.00	72.63	200.00
410.000	1380.00	367.20	1.63	2.98	0.00	95.22	200.00
410.000	1790.00	367.95	0.75	3.01	0.00	105.69	200.00
410.000	3155.00	369.85	1.90	3.10	0.00	128.46	200.00
450.000	690.00	365.87	0.00	0.31	0.00	71.23	40.00
450.000	1380.00	367.54	1.67	0.34	0.00	94.43	40.00
450.000	1790.00	368.30	0.76	0.35	0.00	105.02	40.00
450.000	3155.00	370.21	1.90	0.36	0.00	125.98	40.00
800.000	450.00	368.71	0.00	2.84	0.00	63.55	350.00
800.000	900.00	370.48	1.73	2.90	0.00	87.56	350.00
800.000	1170.00	371.24	0.80	2.93	0.00	98.61	350.00
800.000	2080.00	373.20	1.96	3.00	0.00	120.56	350.00
1000.000	450.00	370.21	0.00	1.50	0.00	57.17	200.00
1000.000	900.00	371.73	1.53	1.29	0.00	78.41	200.00
1000.000	1170.00	372.46	0.73	1.22	0.00	88.52	200.00
1000.000	2080.00	374.31	1.85	1.11	0.00	113.40	200.00
1200.000	450.00	372.23	0.00	2.02	0.00	58.15	200.00
1200.000	900.00	373.63	1.41	1.90	0.00	77.69	200.00
1200.000	1170.00	374.29	0.66	1.83	0.00	86.89	200.00
1200.000	2080.00	376.04	1.74	1.72	0.00	111.11	200.00
3700.000	450.00	396.83	0.00	24.00	0.00	141.37	2500.00
3700.000	900.00	397.61	0.98	28.18	0.00	156.90	2500.00
3700.000	1170.00	398.28	0.47	25.98	0.00	162.57	2500.00
3700.000	2080.00	399.54	1.27	23.51	0.00	178.10	2500.00
7410.000	450.00	421.52	0.00	24.69	0.00	243.98	3710.00
7410.000	900.00	422.39	0.07	29.36	0.00	273.76	3710.00
7410.000	1170.00	422.79	0.40	24.31	0.00	287.49	3710.00
7410.000	2080.00	423.85	1.06	24.30	0.00	301.03	3710.00
7610.000	450.00	422.95	0.00	0.93	0.00	244.81	200.00
7610.000	900.00	423.35	0.90	0.90	0.00	275.70	200.00
7610.000	1170.00	423.76	0.40	0.97	0.00	289.00	200.00
7610.000	2080.00	424.83	1.07	0.98	0.00	301.94	200.00
9800.000	450.00	433.38	0.00	10.92	0.00	126.01	2190.00
9800.000	900.00	434.51	1.14	11.16	0.00	160.45	2190.00
9800.000	1170.00	435.03	0.51	11.27	0.00	167.28	2190.00
9800.000	2080.00	436.37	1.34	11.54	0.00	185.16	2190.00

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

~~20F~~
~~21F~~ 30F
 NEVILLE CR.

E
 T1 ORANGE COUNTY FIA STUDY
 T2 NEVILLE CREEK
 T3 100YR NATURAL PROFILE JUL 76 ENT

J1	ICHECK	IND	NINV	IDIR	STRT	METRIC	HVINS	W	WSEL	FR
	0.	0.	0.	0.	0.000000	0.00	0.0	0.	360.800	0.000

J2	IPROF	IPLOT	PREVS	XSLCV	XSECH	FN	ALLDC	LDW	LDNTH	ITRALE
	1.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	15.000

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

	36.000	1.000	5.000	41.000	42.000	5.000	45.000	0.000	58.000	1.000
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	53.000	21.000	22.000	54.000	4.000	0.000	200.000	0.000	0.000	0.000
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NC	0.120	0.120	0.060	0.100	0.300	0.000	0.000	0.000	0.000	0.000
NT	5.000	1170.000	1660.000	2270.000	3640.000	2270.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	990.000	1040.000	0.000	0.000

X1	6600.000	11.000	1000.000	1046.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	360.000	720.000	370.000	810.000	350.000	940.000	354.000	1000.000	354.500	1045.000
GR	353.700	1023.000	554.500	1041.000	350.000	1046.000	360.000	1060.000	370.000	1120.000
GR	380.000	1150.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
QT	5.000	690.000	1380.000	1790.000	3155.000	1790.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	947.000	1039.000	0.000	0.000

X1	200.000	9.000	1000.000	1019.000	510.000	510.000	510.000	1.000	-2.000	0.000
GR	384.100	830.000	368.400	930.000	362.400	1000.000	360.000	1003.000	360.000	1009.000
GR	360.700	1017.000	362.400	1019.000	363.000	1030.000	383.300	1075.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	935.000	1041.000	0.000	0.000

ONE-S VALLEY

X1	410.000	0.000	0.000	0.000	200.000	200.000	200.000	0.000	2.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	936.000	1041.000	0.000	0.000

X1	450.000	0.000	0.000	0.000	40.000	40.000	40.000	0.000	0.400	0.000
NT	5.000	420.000	900.000	1170.000	2000.000	1170.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	980.000	1030.000	0.000	0.000

X1	800.000	0.000	0.000	0.000	350.000	350.000	350.000	0.000	3.400	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	980.000	1030.000	0.000	0.000

 HEC2 RELEASE DATED NOV 76 UPDATED AUG 77
 ERROR CORR = 01,02

MODIFICATION = 50,51,52,53

T1 ORANGE COUNTY FIA STUDY
 T2 NEVILLE CREEK
 T3 100YR FLOODWAY PROFILE JUL 70 Cnt

J1	ICHECK	INW	WINV	IDIR	STRT	METRIC	HVINS	WSEL	PH	
	-10.	6.	0.	0.	0.000000	0.00	0.0	361.800	0.000	
J2	KPROF	IPLDT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	IIRALE
	15.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	15.000

*PROF 2

SCHV= 0.100 GENV= 0.506

*SECD 6600.000

SECD	DEPTH	CWSEL	CRINS	XSELK	EG	HV	HL	VLSSB	BANK	ELEV
TIME	VLOB	VCH	VRDB	XNL	XRCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENOST	

3470 ENCROACHMENT STATIONS=	998.0	1048.0	TYPE=	1	TARGET=	50.000			
6600.00	11.60	361.80	0.00	360.80	362.42	0.62	0.00	0.00	359.00
2270.	5.	2257.	28.	6.	350.	22.	0.	0.	350.00
0.00	0.96	6.59	1.25	0.120	0.060	0.120	0.000	350.00	998.00
0.004698	0.	0.	0.	0	0	0	0.00	50.00	1048.00

FLOW DISTRIBUTION FOR SECD= 6600.00 CWSEL= 361.80

STA=	998.	1000.	1048.	1048.
PER CE	0.2	98.5	1.2	
AREA=	5.6	350.2	22.6	
VEL=	1.0	6.4	1.2	

*SECD 200.000

3470 ENCROACHMENT STATIONS=	947.0	1039.0	TYPE=	1	TARGET=	92.000			
200.00	9.65	365.25	0.00	365.98	365.25	1.00	3.12	0.11	360.40
1790.	374.	1168.	248.	157.	120.	70.	4.	1.	360.40
0.02	2.74	9.70	5.54	0.120	0.060	0.120	0.000	358.60	947.00
0.014022	510.	510.	510.	5	0	0	0.00	92.00	1039.00

FLOW DISTRIBUTION FOR SECD= 200.00 CWSEL= 365.25

STA=	947.	1000.	1019.	1020.	1039.
PER CE	20.9	65.3	11.2	2.6	
AREA=	150.6	120.4	50.0	20.0	
VEL=	2.7	9.7	4.0	2.5	

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

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

R NATURAL PROFILE JUL 7.

SUMMARY PRINTOUT

SECNO	CXSEL	EG	FLLC	ELMIN	10K*5	U
6600.000	360.80	361.37	0.00	350.00	60.05	2270.00
6600.000	361.80	362.42	0.00	350.00	48.96	2270.00
200.000	364.94	366.16	0.00	358.60	176.69	1790.00
200.000	365.25	366.26	0.00	358.60	140.22	1790.00
410.000	367.95	368.66	0.00	360.60	90.21	1790.00
410.000	367.84	368.59	0.00	360.60	97.13	1790.00
450.000	368.30	369.03	0.00	361.00	92.96	1740.00
450.000	368.23	368.98	0.00	361.00	97.44	1790.00
800.000	371.24	371.63	0.00	364.40	53.49	1170.00
800.000	371.33	371.87	0.00	364.40	64.22	1170.00
1000.000	372.46	373.05	0.00	366.35	89.14	1170.00
1000.000	372.74	373.40	0.00	366.35	88.02	1170.00
1200.000	374.25	374.93	0.00	368.30	97.37	1170.00
1200.000	374.55	375.25	0.00	368.30	96.03	1170.00
3700.000	398.28	398.54	0.00	392.60	91.41	1170.00
3700.000	399.14	399.49	0.00	392.60	97.61	1170.00
7410.000	422.79	422.97	0.00	417.00	49.65	1170.00
7410.000	423.76	424.00	0.00	417.00	47.63	1170.00
7610.000	423.76	423.93	0.00	417.90	46.06	1170.00
7610.000	424.72	424.93	0.00	417.90	45.32	1170.00
9800.000	435.03	435.29	0.00	427.90	58.58	1170.00
9800.000	435.84	436.20	0.00	427.90	58.44	1170.00
9925.000	435.77	436.95	0.00	428.60	149.66	1170.00
9925.000	436.66	437.56	0.00	428.60	128.43	1170.00
9955.000	432.77	436.95	437.60	428.60	144.60	1170.00
9955.000	436.57	437.56	437.60	428.60	106.80	1170.00

R NATURAL PROFILE JUL 7

SUMMARY PRINTOUT

SECNO	CWSEL	BSIA	STCML	STCHR	ENDST	TOPRIO
6600.000	360.80	929.60	1000.00	1046.00	1064.00	135.20
6600.000	361.80	998.00	1000.00	1046.00	1048.00	50.00
200.000	364.94	947.03	1000.00	1019.00	1038.73	91.70
200.000	365.25	947.00	1000.00	1019.00	1039.00	92.00
410.000	367.95	935.29	1000.00	1019.00	1046.96	105.67
410.000	367.84	936.66	1000.00	1019.00	1040.70	104.04
450.000	368.30	935.85	1000.00	1019.00	1040.86	105.01
450.000	368.23	936.72	1000.00	1019.00	1040.69	103.97
800.000	371.24	941.22	1000.00	1019.00	1039.84	90.62
800.000	371.33	980.00	1000.00	1019.00	1030.00	50.00
1000.000	372.46	949.71	1000.00	1019.00	1038.23	88.52
1000.000	372.74	980.00	1000.00	1019.00	1030.00	50.00
1200.000	374.29	951.67	1000.00	1019.00	1037.97	86.69
1200.000	374.55	980.00	1000.00	1019.00	1030.00	50.00
5700.000	398.28	989.03	1000.00	1015.00	1151.00	162.57
5700.000	399.14	1000.00	1000.00	1015.00	1073.14	75.14
7410.000	422.79	762.43	1000.00	1021.00	1049.92	287.49
7410.000	423.78	911.89	1000.00	1021.00	1021.00	109.11
7610.000	425.76	761.04	1000.00	1021.00	1050.10	289.06
7610.000	429.77	909.53	1000.00	1021.00	1021.00	111.47
9800.000	435.03	906.75	1000.00	1015.00	1076.03	157.23
9800.000	435.84	965.39	1000.00	1015.00	1035.77	70.38
9925.000	435.77	1000.00	1000.00	1020.00	1020.00	20.00
9925.000	436.60	1000.00	1000.00	1020.00	1020.00	20.00
9955.000	435.77	1000.00	1000.00	1020.00	1020.00	20.00
9955.000	436.57	1000.00	1000.00	1020.00	1020.00	20.00
10020.000	437.54	896.65	1000.00	1015.00	1087.90	191.25
10020.000	438.00	947.10	1000.00	1015.00	1046.28	95.19
10110.000	437.00	945.70	1000.00	1015.00	1046.77	193.01
10110.000	438.19	945.35	1000.00	1015.00	1047.25	101.69

SUMMARY OF ERRORS

FLOODWAY DATA, N NATURAL PROFILE JUL 7

PROFILE NO. 2

STATION	WIDTH (FT)	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION		
				WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
6600.000	50.	378.	6.0	361.8	360.8	1.0
260.000	92.	327.	5.5	365.2	364.9	0.3
410.000	104.	366.	4.0	367.9	367.9	0.0
450.000	104.	365.	4.6	368.3	368.5	0.2
250.000	50.	204.	6.4	371.3	371.2	0.1
1000.000	50.	237.	4.9	372.8	372.5	0.3
1200.000	50.	230.	5.1	374.6	374.3	0.3
3700.000	73.	306.	3.8	399.2	398.3	0.9
7410.000	109.	020.	2.8	425.8	422.8	3.0
7610.000	111.	151.	2.7	424.8	423.4	1.4
4800.000	70.	340.	3.4	435.8	435.0	0.8
9925.000	20.	152.	7.7	436.7	435.8	0.9
9955.000	20.	150.	7.6	438.8	438.8	0.0
10020.000	99.	578.	2.8	438.8	437.5	1.3
10110.000	102.	evn.	1.9	458.2	457.7	0.5