

NEC
ERR
MOD

T1 OR
T2 JO

J2 M

J3 VI

NC

QT

GR

GR

GR

X1

QT

X1

GR

GR

GR

X1

JONES
CREEK

0J-2 VALLEY

GR	563,900	9671,000	496,600	771,000	484,300	871,000	1480,700	981,000	479,300	1000,000
GR	477,600	1005,000	677,500	1005,000	677,500	1013,000	479,500	1013,000	482,400	1071,500

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

26
 JONES CR

T1 DRANGE COUNTY FIA STUDY
 T2 JONES CREEK

T3 10 YR FLOOD MAY 1978 CWF

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FD
	0.	2.	0.	0.	0.004600	0.00	0.0	0.	467.000	0.000

J2	NPROP	IPLT	PRFVS	XSECV	XSECH	FN	ALLOD	IBW	CRNIM	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

	36.000	1.000	3.000	42.000	41.000	4.000	0.000	36.000	1.000	13.000
	14.000	15.000	55.000	26.000	56.000	0.000	150.000	201.000	0.000	0.000

NC	0.120	0.120	0.060	0.100	0.300	0.000	0.000	0.000	0.000	0.000
OT	5.000	553.000	904.000	1115.000	1020.000	117.000	0.000	0.000	0.000	0.000
X1	3710.000	12.000	1000.000	1014.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	474.700	817.000	465.100	917.000	459.500	942.000	459.900	1000.000	455.900	1002.000
GR	455.600	1007.000	456.000	1013.000	459.900	1014.000	460.000	1017.000	461.800	1117.000
GR	474.300	1217.000	481.000	1226.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	0.000	0.000	0.000	0.000	490.000	490.000	490.000	0.000	2.100	0.000
OT	5.000	343.000	694.000	905.000	1610.000	905.000	0.000	0.000	0.000	0.000

OJ-1 VALLEY

X1	380.000	11.000	1000.000	1012.000	0.000	580.000	380.000	0.000	0.000	0.000
GR	485.600	880.000	464.400	980.000	465.000	1000.000	460.000	1002.000	454.600	1006.000
LR	460.300	1010.000	463.500	1012.000	464.100	1000.000	464.900	1180.000	474.300	1280.000
LR	484.100	1553.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OT	5.000	323.000	653.000	852.000	1516.000	852.000	0.000	0.000	0.000	0.000

X1	600.000	0.000	0.000	0.000	220.000	220.000	220.000	0.000	2.200	0.000
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OJ-2 VALLEY

X1	2130.000	14.000	1000.000	1014.000	1530.000	1530.000	1530.000	0.000	0.000	0.000
GR	503.900	671.000	496.600	571.000	484.300	871.000	480.700	971.000	479.300	1000.000
GR	477.800	1003.000	477.600	1008.000	477.800	1013.000	479.500	1018.000	482.400	1071.000

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

T1 ORANGE COUNTY FIA STUDY
 T2 JONES CREEK
 T3 50 YR FLOOD MAY 1978 CHF

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	D	WSEL	FO
	-10.	3.	0.	0.	0.004600	0.00	0.0	0.	459.000	0.000

J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLUC	IBW	CHNIM	ITRACE
	2.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

*PROP 2

CCHV= 0.100 CEHV= 0.500

*SECNO 37110.000

SECNO	DEPTH	CWSEL	CRINS	WSELK	EG	HV	HL	OLOGS	BANK ELEV
D	QLOB	DCH	GRQB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNEH	XNR	WTN	ELMIN	SOTA
SLOPE	XLORL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CURAR	TOPWJD	ENDST
37110.00	6.75	462.55	0.00	459.00	462.71	0.16	0.00	0.00	459.90
904.	301.	397.	206.	186.	87.	175.	0.	0.	459.90
0.00	1.62	4.55	1.16	0.120	0.060	0.120	0.000	459.60	928.36
0.004567	0.	0.	0.	0	0	0	0.00	192.91	1121.29

*SECNO .000

.000	6.02	464.72	0.00	0.00	464.87	0.15	2.16	0.00	462.00
904.	302.	390.	212.	191.	88.	182.	5.	2.	462.00
0.05	1.58	4.41	1.17	0.120	0.060	0.120	0.060	457.90	928.07
0.004241	490.	490.	490.	1	0	0	0.00	193.61	1121.68

*SECNO 380.000

OJ-1 VALLEY

380.00	6.73	466.33	0.00	0.00	466.48	0.15	1.61	0.00	463.00
694.	88.	311.	295.	61.	70.	215.	9.	4.	463.50
0.09	1.43	4.43	1.37	0.120	0.060	0.120	0.060	459.60	970.90
0.004260	380.	380.	380.	2	0	0	0.00	147.55	1118.45

*SECNO 600.000

600.00	5.79	467.59	0.00	0.00	467.98	0.40	1.42	0.07	465.20
653.	65.	380.	208.	36.	59.	122.	10.	4.	465.70
0.10	1.81	6.46	1.71	0.120	0.060	0.120	0.060	461.80	975.35
0.011445	220.	220.	220.	3	0	0	0.00	126.80	1102.16

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

T1 ORANGE COUNTY FIA STUDY
 T2 JONES CREEK
 T3 100 YR FLOOD MAY 1978 CWF

J1	ICHECK	INO	NINY	IDIR	STRT	METRIC	HVINS	Q	HSEL	FU
	-10.	4.	0.	0.	0.004600	0.00	0.0	0.	470.000	0.000

J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FR	ALLDC	IBW	CHNIM	ITRACE
	3.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

*PROF 3

CCHV= 0.100 CEHV= 0.300

*SECNO 37110.000

SECNO	DEPTH	CWSEL	CRINS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLPS	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	STA
SLOPE	XLVHL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
37110.00	7.15	462.95	0.00	470.00	463.12	0.16	0.00	0.00	459.90
1115.	379.	441.	296.	215.	93.	218.	0.	0.	459.90
0.00	1.76	4.74	1.35	0.120	0.060	0.120	0.000	455.80	926.52
0.004567	0.	0.	0.	0	0	6	0.00	197.02	1123.60

*SECNO .000

0.00	7.22	465.12	0.00	0.00	465.27	0.15	2.16	0.00	462.00
1115.	386.	433.	363.	221.	94.	226.	6.	2.	462.00
0.05	1.72	4.60	1.34	0.120	0.060	0.120	0.060	457.90	926.24
0.004245	490.	490.	490.	1	0	0	0.00	197.78	1124.02

*SECNO 380.000

UJ-1 VALLEY

380.00	7.15	466.74	0.00	0.00	466.95	0.17	1.67	0.01	463.00
905.	122.	366.	417.	75.	76.	265.	10.	4.	463.50
0.09	1.63	4.84	1.57	0.120	0.060	0.120	0.060	459.60	926.75
0.004597	380.	380.	380.	1	0	0	0.00	197.55	1126.30

*SECNO 600.000

600.00	6.29	468.09	0.00	0.00	468.45	0.37	1.44	0.06	465.20
852.	99.	427.	327.	49.	65.	170.	12.	5.	465.70
0.10	2.01	6.57	1.92	0.120	0.060	0.120	0.060	461.80	927.96
0.010400	220.	220.	220.	2	0	0	0.00	197.95	1110.91

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

T1 ORANGE COUNTY FIA STUDY
 T2 JONES CREEK
 T3 500 YR FLOOD MAY 1976 CWF

J1	ICHECK	IND	NINV	INTR	STRT	METRIC	MVINS	U	WSL	FU
	-10.	5.	0.	0.	0.004500	0.00	0.0	0.	472.000	0.000

J2	NPROF	IPLT	PRFS	XSECV	XSECH	FN	ALLDC	ISW	CHNIA	ITHACE
	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 CERV= 0.500
 *SECH0 37110.000

SECH0	DEPTH	CNSL	CRKS	WSELK	EG	HV	HL	DLOSS	BANK	ELEV
Q	QLOD	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT	
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAK	TOPWID	ENDST	
37110.00	8.27	464.07	0.00	472.00	464.25	0.18	0.00	0.00	459.90	
1820.	635.	572.	613.	300.	109.	344.	0.	0.	459.90	
0.00	2.11	5.37	1.75	0.120	0.060	0.120	0.000	459.60	921.59	
0.004580	0.	0.	0.	0	0	0	0.00	208.38	1129.98	

*SECH0 0.000

0.00	8.35	466.25	0.00	0.00	466.42	0.17	2.17	0.00	462.00	
1820.	635.	564.	621.	307.	110.	350.	0.	2.	462.00	
0.05	2.07	5.14	1.75	0.120	0.060	0.120	0.060	457.90	921.22	
0.004295	490.	490.	490.	2	0	0	0.00	209.25	1130.49	

*SECH0 380.000

HJ-1 VALLEY

380.00	8.40	468.00	0.00	0.00	468.21	0.21	1.70	0.01	463.00	
1610.	242.	522.	546.	117.	90.	417.	15.	4.	463.50	
0.08	2.08	5.78	2.03	0.120	0.060	0.120	0.060	459.60	963.01	
0.005186	380.	380.	380.	2	0	0	0.00	184.26	1147.27	

*SECH0 600.000

600.00	7.57	469.37	0.00	0.00	469.72	0.34	1.46	0.00	465.20	
1516.	214.	567.	735.	88.	80.	311.	17.	5.	465.70	
0.09	2.44	7.06	2.36	0.120	0.060	0.120	0.060	461.00	966.91	
0.009032	220.	220.	220.	2	0	0	0.00	166.11	1133.02	

 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 INDICATED MESSAGE IN SUMMARY OF ERRORS LIST

FLOOD MAY 1976 CWF
 SUMMARY PRINTOUT

SECNO	CASEL	EG	ELMIN	ELLC	TOPWTD
37110.000	461.74	461.90	455.80	0.00	181.69
37110.000	462.55	462.71	455.80	0.00	192.91
37110.000	462.95	463.12	455.80	0.00	197.02
37110.000	464.07	464.25	455.80	0.00	208.38
0.000	463.90	464.05	457.90	0.00	185.12
0.000	464.72	464.87	457.90	0.00	193.61
0.000	465.12	465.27	457.90	0.00	197.78
0.000	466.25	466.42	457.90	0.00	209.23
380.000	465.38	465.49	459.60	0.00	126.61
380.000	466.53	466.48	459.60	0.00	147.55
380.000	466.78	466.95	459.60	0.00	157.55
380.000	468.00	468.21	459.60	0.00	184.26
600.000	466.37	466.97	461.80	0.00	98.18
600.000	467.59	467.98	461.80	0.00	126.80
600.000	468.07	468.42	461.80	0.00	137.95
600.000	469.37	469.72	461.80	0.00	166.11
2130.000	481.37	481.58	477.60	0.00	99.81
2130.000	482.22	482.54	477.60	0.00	138.87
2130.000	482.59	482.95	477.60	0.00	155.89
2130.000	483.50	483.96	477.60	0.00	200.14

FUGG MAY 1978 CHF

SUMMARY PRINTOUT

SECNO	CWSEL	QLOB	QCH	QROB	VLQB	VCH	VRQB
37110.000	461.74	168.71	313.73	70.56	1.30	4.13	0.79
37110.000	462.55	300.94	397.01	206.06	1.62	4.55	1.18
37110.000	462.95	370.51	440.74	295.79	1.76	4.74	1.35
37110.000	464.07	634.71	571.82	613.47	2.11	5.27	1.78
0.000	463.90	170.76	308.22	74.02	1.28	4.02	0.78
0.000	464.72	302.13	389.59	212.28	1.58	4.41	1.17
0.000	465.12	379.57	432.88	302.55	1.72	4.60	1.34
0.000	466.25	635.45	563.73	620.81	2.07	5.14	1.75
380.000	465.38	31.02	200.10	108.88	0.95	3.41	0.90
380.000	466.33	67.71	310.89	295.40	1.43	4.43	1.37
380.000	466.78	122.13	365.98	416.89	1.63	4.84	1.57
380.000	468.00	242.41	521.61	845.98	2.08	5.70	2.03
600.000	466.37	11.27	289.95	21.70	1.14	6.54	0.85
600.000	467.59	64.99	379.85	208.16	1.61	6.46	1.71
600.000	468.09	98.71	426.74	326.54	2.01	6.57	1.92
600.000	469.37	213.59	566.98	735.48	2.44	7.06	2.36
2130.000	481.37	50.11	243.46	29.43	1.09	4.14	0.92
2130.000	482.22	150.28	411.25	91.47	1.56	5.56	1.36
2130.000	482.54	218.28	494.46	139.29	1.75	6.13	1.60
2130.000	483.56	466.71	721.31	327.97	2.15	7.35	2.18

FE008 MAY 1978 GNF
SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	FLTRD	FLLC	ELMIN	0	CMSL	CRINS	EG	10K*5	VCH	AREA	.01K
37110.000	0.00	0.00	0.00	455.80	553.00	461.74	0.00	461.90	45.37	4.13	295.02	82.10
37110.000	0.00	0.00	0.00	459.80	904.00	462.55	0.00	462.71	45.67	4.55	447.99	133.77
37110.000	0.00	0.00	0.00	455.80	1115.00	462.95	0.00	463.12	45.67	4.74	528.84	164.98
37110.000	0.00	0.00	0.00	455.80	1820.00	464.07	0.00	464.25	45.80	5.27	752.96	268.94
0.000	490.00	0.00	0.00	457.90	595.00	465.90	0.00	466.05	42.28	4.02	305.50	83.04
0.000	490.00	0.00	0.00	457.90	904.00	464.72	0.00	464.87	42.41	4.41	461.20	138.81
0.000	490.00	0.00	0.00	457.90	1115.00	465.12	0.00	465.27	42.45	4.60	541.39	171.14
0.000	490.00	0.00	0.00	457.90	1820.00	466.25	0.00	466.42	42.95	5.14	770.35	277.70
360.000	360.00	0.00	0.00	459.60	343.00	465.58	0.00	465.49	31.96	3.41	215.69	60.66
360.000	360.00	0.00	0.00	459.60	694.00	466.33	0.00	466.48	42.60	4.03	346.46	106.33
360.000	360.00	0.00	0.00	459.60	905.00	466.76	0.00	466.95	45.97	4.84	415.95	135.48
360.000	360.00	0.00	0.00	459.60	1610.00	468.00	0.00	468.21	51.86	5.78	623.81	229.97
600.000	220.00	0.00	0.00	461.80	323.00	466.37	465.91	466.97	171.10	6.54	60.02	24.64
600.000	220.00	0.00	0.00	461.80	653.00	467.59	0.00	467.98	114.45	6.46	216.84	61.04
600.000	220.00	0.00	0.00	461.80	952.00	468.99	0.00	469.45	109.00	6.57	204.04	63.59
600.000	220.00	0.00	0.00	461.80	1516.00	469.37	0.00	469.72	90.32	7.06	479.02	159.52
2130.000	1530.00	0.00	0.00	477.60	323.00	481.37	0.00	481.56	60.55	4.14	136.75	41.52
2130.000	1530.00	0.00	0.00	477.60	653.00	482.22	0.00	482.54	80.27	5.56	237.34	72.89
2130.000	1530.00	0.00	0.00	477.60	952.00	482.59	0.00	482.95	66.68	6.15	292.67	91.21
2130.000	1530.00	0.00	0.00	477.60	1516.00	483.58	0.00	483.99	98.08	7.33	485.27	154.06

SUMMARY PRINTOUT TABLE #150

SECNO	H	CWSEL	DIFWSP	DIFWSX	DIFKHS	TOPWID	XLCH
37110.000	553.00	461.74	0.00	0.00	-5.26	181.69	0.00
37110.000	904.00	462.55	0.81	0.00	-6.45	192.91	0.00
37110.000	1115.00	462.95	0.40	0.00	-7.05	197.02	0.00
37110.000	1820.00	464.07	1.12	0.00	-7.93	208.38	0.00
0.000	553.00	463.90	0.00	2.10	0.00	185.12	490.00
0.000	904.00	464.72	0.82	2.17	0.00	193.61	490.00
0.000	1115.00	465.12	0.40	2.17	0.00	197.78	490.00
0.000	1820.00	466.25	1.13	2.18	0.00	209.23	490.00
380.000	343.00	465.38	0.00	1.48	0.00	126.61	380.00
380.000	694.00	466.33	0.95	1.61	0.00	147.55	380.00
380.000	905.00	466.78	0.45	1.66	0.00	157.55	380.00
380.000	1610.00	468.00	1.22	1.75	0.00	184.26	380.00
600.000	323.00	466.37	0.00	1.00	0.00	98.18	220.00
600.000	653.00	467.59	1.21	1.25	0.00	126.80	220.00
600.000	852.00	468.09	0.50	1.31	0.00	137.95	220.00
600.000	1516.00	469.37	1.29	1.37	0.00	166.11	220.00
2130.000	323.00	481.37	0.00	15.00	0.00	99.81	1530.00
2130.000	653.00	482.22	0.05	14.64	0.00	130.67	1530.00
2130.000	852.00	482.59	0.37	14.51	0.00	155.89	1530.00
2130.000	1516.00	483.56	0.96	14.18	0.00	200.14	1530.00

SUMMARY OF ERRORS

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

0026F
 26F
 JONES CR

T1 ORANGE COUNTY FIA STUDY
 T2 JONES CREEK
 T3 100YR FLHY PROFILE JUL 78 CWF

J1	ICHECK	IND	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FD
	0.	4.	0.	0.	0.000000	0.00	0.0	0.	463.000	0.000

J2	NPROF	IPL0T	PRFVS	XSECV	XSECH	FN	ALLDC	IOW	CHNIM	ITNAGE
	1.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	15.000

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

38.000	1.000	3.000	41.000	42.000	5.000	43.000	0.000	38.000	1.000
53.000	21.000	22.000	54.000	4.000	0.000	200.000	0.000	0.000	0.000

NC	0.120	0.120	0.060	0.100	0.300	0.000	0.000	0.000	0.000	0.000
QT	5.000	553.000	904.000	1115.000	1820.000	1115.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	10.400	0.000	0.000	0.000	0.000

X1	37110.000	12.000	1000.000	1014.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	479.700	817.000	465.100	917.000	454.500	942.000	454.900	1000.000	455.900	1002.000
GR	455.800	1007.000	456.000	1013.000	459.900	1014.000	460.000	1017.000	461.800	1117.000
GR	479.300	1217.000	481.000	1226.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	0.000	0.000	0.000	0.000	490.000	490.000	490.000	0.000	2.100	0.000
UT	5.000	343.000	694.000	905.000	1610.000	905.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.400	0.000	0.000	0.000	0.000

OJ-1 VALLEY

X1	380.000	11.000	1000.000	1012.000	380.000	360.000	380.000	0.000	0.000	0.000
GR	485.600	880.000	464.800	980.000	463.000	1000.000	460.000	1002.000	459.600	1006.000
GR	460.300	1010.000	463.500	1012.000	464.100	1080.000	469.900	1180.000	479.800	1280.000
GR	484.100	1355.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
UT	5.000	323.000	653.000	852.000	1516.000	852.000	0.000	0.000	0.000	0.000

X1	600.000	0.000	0.000	0.000	220.000	220.000	220.000	0.000	2.200	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	980.000	1030.000	0.000	0.000

OJ-2 VALLEY

GR	503.900	671.000	496.600	771.000	484.300	871.000	480.700	971.000	479.300	1000.000
GR	477.800	1003.000	477.600	1008.000	477.800	1013.000	479.500	1018.000	482.400	1071.000
GR	488.000	1171.000	490.900	1271.000	495.000	1371.000	500.200	1463.000	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

*PROF 1

CCHV= 0.100 CEHV= 0.300

*SECNO 37110.000

SECNO	DEPTH	CWSEL	CRINS	WSELK	EG	HV	HL	GLOSS	BANK	ELEV
0	ULOB	QCH	OROB	ALOB	ACH	AROB	VUL	TWA	LEFT/RIGHT	
TIME	VLOB	VCH	VROB	XNL	XNEH	XNR	XTN	ELMIN	STA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	
37110.00	7.20	463.00	0.00	463.00	463.16	0.16	0.00	0.00	459.90	
1115.	379.	436.	300.	219.	94.	223.	0.	0.	459.90	
0.00	1.73	4.66	1.34	0.120	0.060	0.120	0.000	455.80	926.37	
0.004367	0.	0.	0.	0	0	0	0.00	197.48	1123.86	

FLOW DISTRIBUTION FOR SECNO= 37110.00 CWSEL= 463.00

STA=	926.	942.	1000.	1014.	1017.	1117.	1124.
PER D=	2.9	31.1	39.1	1.4	25.3	0.2	
AREA=	27.3	191.4	95.6	9.2	210.0	4.1	
VEL=	1.2	1.0	4.7	1.7	1.3	0.6	

*SECNO .000

0.00	7.22	465.12	0.00	0.00	465.27	0.15	2.12	0.00	462.00
1115.	379.	434.	302.	220.	94.	226.	6.	2.	462.00
0.05	1.72	4.62	1.34	0.120	0.060	0.120	0.060	457.90	926.28
0.004273	490.	490.	440.	1	0	0	0.00	197.71	1123.98

FLOW DISTRIBUTION FOR SECNO= 0.00 CWSEL= 465.12

STA=	926.	942.	1000.	1014.	1017.	1117.	1124.
PER D=	2.9	31.1	38.9	1.4	25.4	0.2	
AREA=	27.7	192.7	93.9	9.2	212.2	4.3	
VEL=	1.2	1.0	4.6	1.7	1.3	0.6	

*SECNO 380.000

OJ-1 VALLEY

380.00	7.19	466.79	0.00	0.00	466.96	0.17	1.68	0.01	463.00
905.	122.	366.	417.	75.	76.	265.	10.	4.	463.50
0.09	1.63	4.85	1.57	0.120	0.060	0.120	0.060	459.60	968.77
0.004620	380.	380.	380.	1	0	0	0.00	157.44	1126.21

FLOW DISTRIBUTION FOR SECNO= 380.00 CWSEL= 466.79

STA=	969.	980.	1000.	1012.	1080.	1126.
PER D=	1.4	12.1	40.5	39.0	7.0	
AREA=	13.4	61.6	75.6	202.7	61.9	
VEL=	0.9	1.8	4.8	1.7	1.0	

*SECNO 600.000

600.00	6.30	468.10	0.00	0.00	468.46	0.36	1.44	0.06	465.20
852.	99.	426.	327.	49.	65.	171.	12.	5.	465.70
0.10	2.00	6.55	1.92	0.120	0.060	0.120	0.060	461.80	972.92
0.010299	220.	220.	220.	2	0	0	0.00	138.14	1111.06

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

T1 ORANGE COUNTY FIA STUDY
 T2 JONES CREEK
 T3 100YR FLWY PROFILE JUL 76 CHF

J1	ICHECK	IND	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FU
	-10.	6.	0.	0.	0.000000	0.00	0.0	0.	464.000	0.000

J2	NPROF	IPLT	PKFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	15.000

*PROF 2

CCHV= 0.100 CERV= 0.500
 *SECNO 37110.000

2800 NAT Q1= 168.72 WSEL= 463.00 ENC Q1= 168.72 WSEL= 464.00 RATIO= 0.0000
 NAT Q1= 262. RATIOS LOB,CH,ROB= 0.3484 0.3181 0.3335 WSEL= 464.00

SECNO	DEPTH	CWSEL	CRINS	WSELK	EG	HV	HL	DLOSS	BANK	ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT	
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBK	ITRIAL	IDC	IGONI	EGHAK	TOPWID	ENDBT	

3470 ENCRDACHMENT STATIONS=	964.5	1052.8	TYPE=	4	TARGET=	0.355
37110.00	8.20	464.00	0.00	463.00	464.23	0.23
1115.	297.	550.	267.	150.	108.	144.
0.00	1.98	5.12	1.86	0.120	0.060	0.120
0.004376	0.	0.	0.	0	0	0
						0.000
						455.90
						964.48
						88.31
						1052.79

FLOW DISTRIBUTION FOR SECNO= 37110.00 CWSEL= 464.00

STA=	964.	1000.	1014.	1017.	1053.
PER Q=	26.7	49.4	2.3	21.7	
AREA=	150.0	107.6	12.2	131.6	
VEL=	2.0	5.1	2.1	1.8	

*SECNO 0.000
 2800 NAT Q1= 170.57 WSEL= 465.12 ENC Q1= 170.57 WSEL= 466.12 RATIO= 0.0000
 NAT Q1= 264. RATIOS LOB,CH,ROB= 0.3485 0.3170 0.3345 WSEL= 466.12

3470 ENCRDACHMENT STATIONS=	964.3	1053.3	TYPE=	4	TARGET=	0.353
0.00	8.25	466.13	0.00	465.12	466.35	0.22
1115.	298.	547.	270.	152.	108.	146.
0.04	1.97	5.07	1.84	0.120	0.060	0.120
0.004283	490.	490.	490.	2	0	0
						0.000
						457.90
						964.27
						89.06
						1053.32

FLOW DISTRIBUTION FOR SECNO= 0.00 CWSEL= 466.13

AREA= 69.3 92.5 41.0
 VEL= 2.3 6.5 2.2

 HEG2 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

100YR FLWY PROFILE JUL

SUMMARY PRINTOUT

SECNO	CWSEL	EG	ELLC	ELMIN	10K*S	U
37110.000	463.00	463.16	0.00	455.60	43.67	1115.00
37110.000	464.00	464.23	0.00	455.80	43.76	1115.00
0.000	465.12	465.27	0.00	457.90	42.73	1115.00
0.000	466.13	466.35	0.00	457.90	42.83	1115.00
380.000	466.79	466.96	0.00	459.60	46.20	905.00
380.000	467.72	467.93	0.00	459.60	40.02	905.00
600.000	468.16	468.46	0.00	461.80	102.99	852.00
600.000	468.93	469.34	0.00	461.80	109.66	852.00
2130.000	482.59	482.95	0.00	477.60	87.37	852.00
2130.000	483.25	483.73	0.00	477.60	81.36	852.00

FLOODWAY DATA, 100YR FLOW PROFILE JUL
 PROFILE NO. 2

STATION	FLOODWAY			WATER SURFACE ELEVATION		
	WIDTH (FT)	SECTION AREA	MEAN VELOCITY	WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
57110.000	88.	401.	2.8	464.0	463.0	1.0
0.000	89.	406.	2.7	466.1	465.1	1.0
380.000	77.	343.	2.6	467.7	466.8	0.9
600.000	59.	217.	3.9	468.9	468.1	0.8
2130.000	50.	203.	4.2	483.3	482.6	0.7

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

26F
 JONES CR.

T1 URANGE COUNTY FIA STUDY
 T2 JONES CREEK
 T3 100YR FLY PROFILE JUL 76 CWF

J1	ICHECK	IND	NINV	IDIR	STRT	METRIC	NVINS	Q	WSEL	FD
	0.	4.	0.	0.	0.000000	0.00	0.0	0.	463,000	0.000
J2	NPROF	IPLOT	PHFVS	XSECV	XSECH	FN	ALLDC	IGN	CHNIM	ITRAGE
	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									
	30.000	1.000	3.000	41.000	42.000	5.000	43.000	0.000	40.000	1.000
	53.000	21.000	22.000	54.000	4.000	70.000	200.000	0.000	0.000	0.000
NC	0.120	0.120	0.060	0.100	0.300	0.000	0.000	0.000	0.000	0.000
WT	5.000	553.000	904.000	1115.000	1620.000	1115.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	10.400	0.000	0.000	0.000	0.000
X1	57110.000	12.000	1000.000	1014.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	479.700	617.900	465.100	917.000	459.500	942.000	459.900	1000.000	455.900	1002.000
GR	455.800	1007.000	456.000	1015.000	459.900	1014.000	460.000	1017.000	461.000	1117.000
OR	479.300	1217.000	481.000	1226.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	0.000	0.000	0.000	0.000	490.000	490.000	490.000	0.000	2.100	0.000
WT	5.000	343.000	694.000	905.000	1610.000	905.000	0.000	0.000	0.000	0.000
E1	0.000	0.000	0.000	0.000	0.000	7.400	0.000	0.000	0.000	0.000
DJ-1 VALLEY										
X1	380.000	11.000	1000.000	1012.000	380.000	380.000	380.000	0.000	0.000	0.000
GR	485.600	880.000	464.400	940.000	463.000	1000.000	460.000	1002.000	459.600	1006.000
GR	469.300	1010.000	463.500	1012.000	464.100	1000.000	469.900	1180.000	479.800	1280.000
GR	484.100	1355.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WT	5.000	323.000	653.000	852.000	1516.000	852.000	0.000	0.000	0.000	0.000
X1	600.000	0.000	0.000	0.000	220.000	220.000	220.000	0.000	2.200	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	980.000	1030.000	0.000	0.000

DJ-2 VALLEY

GR	503.900	671.000	496.600	771.000	484.300	671.000	480.700	771.000	479.500	1000.000
GR	477.600	1003.000	477.600	1008.000	477.800	1013.000	479.500	1018.000	482.400	1071.000
GR	488.000	1171.000	490.900	1271.000	495.000	1371.000	500.200	1463.000	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

*PRDF 1

CCHV= 0.100 CEHV= 0.300

*SECNO 37110.000

SECNO	DEPTH	CWSEL	CRINS	WSELK	EG	HV	HL	GLASS	BANK ELEV
Q	ULOB	QCH	GRUB	ALOB	ACH	ARUB	VOL	TKA	LE/T/RIGHT
TIME	VLOB	VCH	VKUB	XNL	XNCH	XNR	WIN	ELMIN	STA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	LCORAR	TOPWID	ENDST
37110.00	7.20	463.00	0.00	463.00	463.16	0.16	0.00	0.00	459.90
1115.	379.	436.	300.	219.	94.	223.	0.	0.	459.90
0.00	1.73	4.66	1.54	0.120	0.060	0.120	0.000	495.80	926.37
0.004367	0.	0.	0.	0	0	0	0.00	197.48	1123.86

FLOW DISTRIBUTION FOR SECNO= 37110.00 CWSEL= 463.00

STA=	926.	942.	1000.	1014.	1017.	1117.	1124.
PER Q=	2.9	31.1	39.1	1.4	25.3	0.2	
AREA=	27.3	191.4	93.6	9.2	210.0	4.1	
VEL=	1.2	1.8	4.7	1.7	1.3	0.6	

*SECNO .000

0.00	7.22	465.12	0.00	0.00	465.27	0.15	2.12	0.00	462.00
1115.	379.	434.	302.	220.	94.	226.	6.	2.	402.00
0.05	1.72	4.62	1.54	0.120	0.060	0.120	0.060	457.90	926.28
0.004273	490.	490.	490.	1	0	0	0.00	197.71	1123.96

FLOW DISTRIBUTION FOR SECNO= 0.00 CWSEL= 465.12

STA=	926.	942.	1000.	1014.	1017.	1117.	1124.
PER Q=	2.9	31.1	38.9	1.4	25.4	0.2	
AREA=	27.7	192.7	93.9	9.2	212.2	4.3	
VEL=	1.2	1.6	4.6	1.7	1.3	0.6	

*SECNO 380.000

03-1 VALLEY

380.00	7.19	466.79	0.00	0.00	466.96	0.17	1.68	0.01	463.00
905.	122.	366.	417.	75.	76.	205.	10.	4.	463.50
0.09	1.63	4.85	1.57	0.120	0.060	0.120	0.060	459.60	968.77
0.004620	380.	380.	380.	1	0	0	0.00	157.44	1126.21

FLOW DISTRIBUTION FOR SECNO= 380.00 CWSEL= 466.79

STA=	969.	980.	1000.	1012.	1080.	1126.
PER Q=	1.4	12.1	40.5	39.0	7.0	
AREA=	13.4	61.6	75.6	202.7	61.9	
VEL=	0.9	1.0	4.8	1.7	1.0	

*SECNO 600.000

600.00	6.30	468.10	0.00	0.00	468.06	0.36	1.44	0.00	465.20
852.	99.	426.	327.	49.	65.	171.	12.	5.	465.70
0.10	2.00	6.55	1.92	0.120	0.060	0.120	0.060	451.80	972.92
0.010299	220.	220.	220.	2	0	0	0.00	138.14	1111.06

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

T1 ORANGE COUNTY FIA STUDY
 T2 JONES CREEK
 T3 100YR FLWY PROFILE JUL 78 LWF

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	WSEL	FU
-10.	0.	0.	0.	0.000000	0.00	0.0	0.	464.000	0.000

J2	NPROF	IPLDT	PRFVS	XSECV	XSECH	FN	ALLOC	IDW	ENRIM	ITMAG
15.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	15.000

*PROF 2

CCHV= 0.100 CEHV= 0.300

*SECTN 37110.000

2800 NAT Q1= 168.72 WSEL= 463.00 ENC Q1= 168.72 WSEL= 463.00 RATIO= 0.0000
 NAT Q1= 262. RATIOS LOB,CH,RUB= 0.3484 0.3187 0.3335 WSEL= 464.00

SECTN	DEPTH	CWSEL	CRINS	WSELK	EB	HV	HL	ALOSS	BANK	ELEV
Q	GLOBAL	VCH	VRUB	ALOB	ACH	ARUB	VOL	INA	LEFT/RIGHT	
TIME	VLOB	VCH	VRUB	XNL	XNLH	XNK	WIN	LLMIN	SSFA	
SLOPE	XLOBL	XLCH	XLRUB	ITRFL	IDC	ICONT	CONAK	TOPWID	ENRST	

3470 ENCROACHMENT STATIONS=	964.3	1052.0	TYPE=	4	TARGET=	0.355
37110.00	0.20	464.00	0.00	463.00	464.23	0.23
1115.	297.	550.	267.	150.	105.	144.
0.00	1.98	5.12	1.86	0.120	0.060	0.120
0.004376	0.	0.	0.	0	0	0.00
						455.80
						88.31
						964.48
						1052.79

FLOW DISTRIBUTION FOR SECTN= 37110.000 LWSEL= 464.00

STA=	964.	1000.	1014.	1017.	1053.
PER Q=	26.7	49.4	2.3	21.7	
AREA=	150.0	107.6	12.2	131.0	
VEL=	2.0	5.1	2.1	1.8	

*SECTN 0.000

2800 NAT Q1= 170.57 WSEL= 465.12 ENC Q1= 170.57 WSEL= 465.12 RATIO= 0.0000
 NAT Q1= 264. RATIOS LOB,CH,RUB= 0.3485 0.3170 0.3345 WSEL= 466.12

3470 ENCROACHMENT STATIONS=	964.3	1053.3	TYPE=	4	TARGET=	0.355
0.00	0.23	466.13	0.00	465.12	466.55	0.22
1115.	298.	547.	270.	152.	108.	146.
0.04	1.97	5.07	1.84	0.120	0.060	0.120
0.004283	490.	890.	490.	2	0	0.00
						457.90
						89.06
						964.27
						1053.32

FLOW DISTRIBUTION FOR SECTN= 0.00 CWSEL= 466.13

AREA= 69.3 92.5 41.0
 VEL= 2.3 6.5 2.2

 RECD 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

100YK FLTY PROFILE JUL

SUMMARY PRINTOUT

SECNO	CWSEL	FB	ELLC	ELMIA	10K*5	G
37110.000	463.00	463.16	0.00	455.80	43.67	1115.00
37110.000	464.00	464.23	0.00	455.80	43.76	1115.00
0.000	465.12	465.27	0.00	457.90	42.73	1115.00
0.000	466.13	466.35	0.00	457.90	42.83	1115.00
380.000	466.79	466.96	0.00	459.60	46.20	905.00
380.000	467.72	467.93	0.00	459.60	40.02	905.00
600.000	468.10	468.46	0.00	461.80	102.99	852.00
600.000	468.93	469.34	0.00	461.80	109.66	852.00
2130.000	482.59	482.95	0.00	477.60	87.37	852.00
2130.000	483.25	483.73	0.00	477.60	81.36	852.00

FLOODWAY DATA 100YR FLOW PROFILE - JUL
 PROFILE NO. 2

STATION	FLOODWAY			WATER SURFACE ELEVATION		
	WIDTH (FT)	SECTION AREA	MEAN VELOCITY	WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
5710.000	88.	401.	2.8	464.0	463.0	1.0
5800.000	89.	406.	2.7	464.1	465.1	-1.0
5900.000	77.	343.	2.6	465.7	466.8	-0.9
6000.000	59.	217.	3.9	468.9	469.1	-0.8
2130.000	50.	203.	4.2	483.3	482.6	0.7

