100 YEAR DESIGN STORM SUMMARY

GATE CLOSED HOUR 0 - 36

GATE OPEN HOUR 36 - 96

NOTE:
"The design flow & design velocity on pages C-77 to C-84 are for informational purposes only. Strict interpretation may be misleading."

ENVIRONMENTAL PROTECTION AGENCY **** EXTENDED TRANSPORT PROGRAM **** WATER RESOURCES DIVISION
WASHINGTON, D.C. **** **** WILLIAMS HATFIELD & STONER INC.
**** ANALYSIS MODULE **** FORT LAUDERDALE, FLORIDA

INDIAN RIVER FARMS WATER CONTROL DISTRICT - CANAL SYSTEM DRAINAGE ANALYSIS
100 YEAR DESIGN STORM ; FILENAME - IRFEXT00.DAT ; JOB # 1920.00 ; 8/3/88

---------- CONTINUITY BALANCE AT END OF RUN ----------

VOLUME INITIALLY IN SYSTEM = 75045100. CU FT 1722.8 AC-FT

TOTAL SYSTEM INFLOW VOLUME = 65065680. CU FT 1493.7 AC-FT

JUNCTION OUTFLOWS AND
STREET FLOODING

JUNCTION	OUTFLOW FT3	AC-FT
190	17456880.	400.8
191	8272751.	189.9
200	7237564.	166.2
TOTAL	32967190. CU FT	756.8 AC-FT

VOLUME LEFT IN SYSTEM = 108020900. CU FT 2479.8 AC-FT

ERROR IN CONTINUITY, PERCENT = -.63

ENVIRONMENTAL PROTECTION AGENCY **** EXTENDED TRANSPORT PROGRAM **** WATER RESOURCES DIVISION
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100 YEAR DESIGN STORM ; FILENAME - IRFEXT00.DAT ; JOB # 1920.00 ; 8/3/88

---------- CONTINUITY BALANCE AT END OF RUN ----------

VOLUME INITIALLY IN SYSTEM = 116496200. CU FT 2674.4 AC-FT

TOTAL SYSTEM INFLOW VOLUME = 2037031000. CU FT 46763.8 AC-FT

JUNCTION OUTFLOWS AND
STREET FLOODING

JUNCTION	OUTFLOW FT3	AC-FT
190	526495700.	12086.7
191	530455000.	12177.6
200	350515800.	8046.7
TOTAL	1407466000. CU FT	32311.0 AC-FT

VOLUME LEFT IN SYSTEM = 754882700. CU FT 17329.7 AC-FT

ERROR IN CONTINUITY, PERCENT = -.41

ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C.

**** EXTENDED TRANSPORT PROGRAM ****
**** ANALYSIS MODULE ****

WATER RESOURCES DIVISION
WILLIAMS HATFIELD & STONER INC.
FORT LAUDERDALE, FLORIDA

INDIAN RIVER FARMS WATER CONTROL DISTRICT - CANAL SYSTEM DRAINAGE ANALYSIS
100 YEAR DESIGN STORM ; FILENAME - IRFEXT00.DAT ; JOB # 1920.00 ; 8/3/88

TIME HISTORY OF H. G. L.

(VALUES IN FEET)

TIME	JUNCTION 9133 GRND 117.00		JUNCTION 9119 GRND 20.50		JUNCTION 189 GRND 114.80		JUNCTION 9159 GRND 20.50		JUNCTION 8191 GRND 116.00		JUNCTION 9055 GRND 20.50	
HR . MIN	ELEV	DEPTH	ELEV	DEPTH	ELEV	DEPTH	ELEV	DEPTH	ELEV	DEPTH	ELEV	DEPTH
36. 0	9.76	7.16	16.58	8.68	3.60	3.60	16.52	9.52	3.38	2.58	16.66	9.96
38. 0	11.84	9.24	14.16	6.26	6.55	6.55	13.43	6.43	8.02	7.22	13.17	6.47
40. 0	11.51	8.91	13.64	5.74	6.58	6.58	13.06	6.06	7.12	6.32	11.96	5.26
42. 0	11.19	8.59	13.19	5.29	6.38	6.38	12.69	5.69	6.37	5.57	11.04	4.34
44. 0	10.98	8.38	12.87	4.97	6.22	6.22	12.38	5.38	5.85	5.05	10.42	3.72
46. 0	10.85	8.25	12.67	4.77	6.14	6.14	12.15	5.15	5.55	4.75	10.11	3.41
48. 0	10.78	8.18	12.58	4.68	6.15	6.15	12.02	5.02	5.47	4.67	10.07	3.37
50. 0	10.79	8.19	12.58	4.68	6.25	6.25	12.00	5.00	5.58	4.78	10.24	3.54
52. 0	10.88	8.28	12.69	4.79	6.47	6.47	12.12	5.12	5.88	5.08	10.56	3.86
54. 0	11.08	8.48	12.94	5.04	6.88	6.88	12.41	5.41	6.42	5.62	11.09	4.39
56. 0	11.47	8.87	13.42	5.52	7.57	7.57	12.96	5.96	7.28	6.48	11.91	5.21
58. 0	12.14	9.54	14.23	6.33	8.54	8.54	13.86	6.86	8.51	7.71	13.17	6.47
60. 0	15.11	12.51	17.00	9.10	12.16	12.16	16.84	9.84	12.46	11.66	16.96	10.26
62. 0	16.62	14.02	18.89	10.99	14.60	14.60	18.94	11.94	14.01	13.21	18.64	11.94
64. 0	16.89	14.29	19.39	11.49	14.96	14.96	18.97	11.97	14.18	13.38	19.11	12.41
66. 0	16.86	14.26	19.53	11.63	14.67	14.67	18.88	11.88	14.10	13.30	19.20	12.50
68. 0	16.85	14.25	19.65	11.75	14.34	14.34	18.85	11.85	14.08	13.28	19.36	12.66
70. 0	16.69	14.09	19.73	11.83	13.96	13.96	18.82	11.82	14.08	13.28	19.51	12.81
72. 0	16.69	14.09	19.79	11.89	13.57	13.57	18.79	11.79	14.08	13.28	19.62	12.92
74. 0	16.68	14.08	19.84	11.94	13.20	13.20	18.73	11.73	14.04	13.24	19.68	12.98
76. 0	16.67	14.07	19.86	11.96	12.80	12.80	18.65	11.65	13.99	13.19	19.71	13.01
78. 0	16.66	14.06	19.87	11.97	12.42	12.42	18.57	11.57	13.94	13.14	19.72	13.02
80. 0	16.63	14.03	19.85	11.95	11.96	11.96	18.50	11.50	13.88	13.08	19.71	13.01
82. 0	16.59	13.99	19.83	11.93	11.55	11.55	18.39	11.39	13.82	13.02	19.68	12.98
84. 0	16.55	13.95	19.79	11.89	11.39	11.39	18.33	11.33	13.75	12.95	19.63	12.93
86. 0	16.50	13.90	19.74	11.84	11.27	11.27	18.28	11.28	13.67	12.87	19.58	12.88
88. 0	16.44	13.84	19.69	11.79	11.16	11.16	18.22	11.22	13.60	12.80	19.52	12.82
90. 0	16.38	13.78	19.62	11.72	11.05	11.05	18.17	11.17	13.51	12.71	19.45	12.75
92. 0	16.32	13.72	19.55	11.65	10.96	10.96	18.10	11.10	13.35	12.55	19.35	12.65
94. 0	16.24	13.64	19.48	11.58	10.86	10.86	18.04	11.04	13.16	12.36	19.24	12.54
96. 0	16.17	13.57	19.40	11.50	10.77	10.77	17.98	10.98	12.98	12.18	19.12	12.42

ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C.

**** EXTENDED TRANSPORT PROGRAM ****
**** ANALYSIS MODULE ****

WATER RESOURCES DIVISION
WILLIAMS HATFIELD & STONER INC.
FORT LAUDERDALE, FLORIDA

INDIAN RIVER FARMS WATER CONTROL DISTRICT - CANAL SYSTEM DRAINAGE ANALYSIS
100 YEAR DESIGN STORM ; FILENAME - IRFEXT00.DAT ; JOB # 1920.00 ; 8/3/88

TIME HISTORY OF H. G. L.

(VALUES IN FEET)

TIME	JUNCTION 9134 GRND 105.00		JUNCTION 9083 GRND 121.50		JUNCTION 68 GRND 123.50		JUNCTION 190 GRND 100.00		JUNCTION 5 GRND 123.50		JUNCTION 25 GRND 117.00	
HR . MIN	ELEV	DEPTH	ELEV	DEPTH	ELEV	DEPTH	ELEV	DEPTH	ELEV	DEPTH	ELEV	DEPTH
36. 0	2.57	6.07	19.93	7.93	20.01	4.81	2.00	5.00	20.17	2.17	11.95	5.35
38. 0	3.52	7.02	17.28	5.28	19.58	4.38	2.00	5.00	20.19	2.19	12.00	5.40
40. 0	3.37	6.87	16.59	4.59	19.23	4.03	2.00	5.00	20.20	2.20	12.04	5.44
42. 0	3.21	6.71	16.14	4.14	19.03	3.83	2.00	5.00	20.25	2.25	12.09	5.49
44. 0	3.11	6.61	15.85	3.85	18.93	3.73	2.00	5.00	20.35	2.35	12.15	5.55
46. 0	3.05	6.55	15.68	3.68	18.92	3.72	2.00	5.00	20.47	2.47	12.22	5.62
48. 0	3.03	6.53	15.63	3.63	18.98	3.78	2.00	5.00	20.62	2.62	12.29	5.69
50. 0	3.05	6.55	15.69	3.69	19.10	3.90	2.00	5.00	20.80	2.80	12.37	5.77
52. 0	3.12	6.62	15.85	3.85	19.30	4.10	2.00	5.00	21.03	3.03	12.51	5.91
54. 0	3.27	6.77	16.17	4.17	19.60	4.40	2.00	5.00	21.36	3.36	12.78	6.18
56. 0	3.60	7.10	16.70	4.70	20.09	4.89	2.00	5.00	21.88	3.88	13.25	6.65
58. 0	4.18	7.68	17.54	5.54	20.84	5.64	2.00	5.00	22.64	4.64	13.98	7.38
60. 0	5.54	9.04	20.09	8.09	23.48	8.28	2.00	5.00	23.71	5.71	17.07	10.47
62. 0	5.82	9.32	21.89	9.89	24.23	9.03	2.00	5.00	23.63	5.63	17.98	11.38
64. 0	5.86	9.36	22.27	10.27	24.16	8.96	2.00	5.00	23.56	5.56	18.18	11.58
66. 0	5.83	9.33	22.38	10.38	24.20	9.00	2.00	5.00	23.48	5.48	18.28	11.68
68. 0	5.80	9.30	22.43	10.43	24.26	9.06	2.00	5.00	23.42	5.42	18.32	11.72
70. 0	5.69	9.19	22.46	10.46	24.28	9.08	2.00	5.00	23.37	5.37	18.31	11.71
72. 0	5.62	9.12	22.45	10.45	24.26	9.06	2.00	5.00	23.34	5.34	18.26	11.66
74. 0	5.59	9.09	22.42	10.42	24.21	9.01	2.00	5.00	23.29	5.29	18.19	11.59
76. 0	5.57	9.07	22.38	10.38	24.12	8.92	2.00	5.00	23.24	5.24	18.10	11.50
78. 0	5.55	9.05	22.32	10.32	24.03	8.83	2.00	5.00	23.20	5.20	17.99	11.39

TIME HISTORY OF H. G. L.

(VALUES IN FEET)

TIME	JUNCTION 9134 GRND 105.00		JUNCTION 9083 GRND 121.50		JUNCTION 68 GRND 123.50		JUNCTION 190 GRND 100.00		JUNCTION 5 GRND 123.50		JUNCTION 25 GRND 117.00	
HR . MIN	ELEV	DEPTH	ELEV	DEPTH	ELEV	DEPTH	ELEV	DEPTH	ELEV	DEPTH	ELEV	DEPTH
80. 0	5.54	9.04	22.25	10.25	23.94	8.74	2.00	5.00	23.17	5.17	17.87	11.27
82. 0	5.53	9.03	22.18	10.18	23.86	8.66	2.00	5.00	23.14	5.14	17.76	11.16
84. 0	5.51	9.01	22.11	10.11	23.78	8.58	2.00	5.00	23.11	5.11	17.64	11.04
86. 0	5.50	9.00	22.04	10.04	23.71	8.51	2.00	5.00	23.08	5.08	17.52	10.92
88. 0	5.49	8.99	21.94	9.94	23.64	8.44	2.00	5.00	23.06	5.06	17.41	10.81
90. 0	5.48	8.98	21.84	9.84	23.57	8.37	2.00	5.00	23.04	5.04	17.26	10.66
92. 0	5.47	8.97	21.76	9.76	23.49	8.29	2.00	5.00	23.01	5.01	16.88	10.28
94. 0	5.46	8.96	21.67	9.67	23.41	8.21	2.00	5.00	22.99	4.99	16.45	9.85
96. 0	5.45	8.95	21.59	9.59	23.33	8.13	2.00	5.00	22.97	4.97	16.09	9.49

ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C.

**** EXTENDED TRANSPORT PROGRAM ****
**** ANALYSIS MODULE ****

WATER RESOURCES DIVISION
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FORT LAUDERDALE, FLORIDA

INDIAN RIVER FARMS WATER CONTROL DISTRICT - CANAL SYSTEM DRAINAGE ANALYSIS
100 YEAR DESIGN STORM ; FILENAME - IRFEXT00.DAT ; JOB # 1920.00 ; 8/3/88

TIME HISTORY OF H. G. L.

(VALUES IN FEET)

TIME	JUNCTION 37 GRND 119.50		JUNCTION 50 GRND 18.50		JUNCTION 86 GRND 118.00		JUNCTION 87 GRND 122.00		JUNCTION 105 GRND 120.00		JUNCTION 127 GRND 119.00	
HR . MIN	ELEV	DEPTH	ELEV	DEPTH	ELEV	DEPTH	ELEV	DEPTH	ELEV	DEPTH	ELEV	DEPTH
36. 0	16.71	7.11	8.95	1.35	16.69	5.69	17.47	5.47	16.65	6.25	16.64	5.24
38. 0	15.61	6.01	9.62	2.62	14.94	3.94	17.48	5.48	16.34	5.94	16.65	5.25
40. 0	14.88	5.28	8.84	1.84	14.21	3.21	17.52	5.52	15.80	5.40	16.20	4.80
42. 0	14.48	4.88	8.53	1.53	13.78	2.78	17.61	5.61	15.38	4.98	15.83	4.43
44. 0	14.30	4.70	8.58	1.58	13.57	2.57	17.74	5.74	15.08	4.68	15.56	4.16
46. 0	14.26	4.66	8.63	1.63	13.50	2.50	17.88	5.88	14.90	4.50	15.39	3.99
48. 0	14.34	4.74	8.69	1.69	13.52	2.52	18.03	6.03	14.83	4.43	15.31	3.91
50. 0	14.49	4.89	8.77	1.77	13.61	2.61	18.20	6.20	14.87	4.47	15.32	3.92
52. 0	14.72	5.12	8.94	1.94	13.77	2.77	18.42	6.42	15.02	4.62	15.43	4.03
54. 0	15.06	5.46	9.32	2.32	14.04	3.04	18.78	6.78	15.32	4.92	15.67	4.27
56. 0	15.58	5.98	9.97	2.97	14.53	3.53	19.35	7.35	15.84	5.44	16.12	4.72
58. 0	16.41	6.81	11.10	4.10	15.36	4.36	20.19	8.19	16.65	6.25	16.89	5.49
60. 0	19.07	9.47	15.11	8.11	18.09	7.09	22.53	10.53	19.21	8.81	19.37	7.97
62. 0	20.11	10.51	16.77	9.77	19.51	8.51	22.26	10.26	20.50	10.10	20.69	9.29
64. 0	20.38	10.78	16.93	9.93	20.14	9.14	21.84	9.84	20.71	10.31	20.78	9.38
66. 0	20.48	10.88	16.88	9.88	20.42	9.42	21.40	9.40	20.74	10.34	20.77	9.37
68. 0	20.65	11.05	16.84	9.84	20.63	9.63	21.22	9.22	20.80	10.40	20.85	9.45
70. 0	20.79	11.19	16.81	9.81	20.78	9.78	21.10	9.10	20.88	10.48	20.93	9.53
72. 0	20.89	11.29	16.77	9.77	20.89	9.89	21.03	9.03	20.95	10.55	21.00	9.60
74. 0	20.96	11.36	16.70	9.70	20.97	9.97	20.96	8.96	21.00	10.60	21.05	9.65
76. 0	21.01	11.41	16.61	9.61	21.01	10.01	20.95	8.95	21.03	10.63	21.08	9.68
78. 0	21.02	11.42	16.52	9.52	21.03	10.03	20.96	8.96	21.04	10.64	21.09	9.69
80. 0	21.02	11.42	16.43	9.43	21.03	10.03	20.94	8.94	21.04	10.64	21.08	9.68
82. 0	21.01	11.41	16.34	9.34	21.02	10.02	20.87	8.87	21.02	10.62	21.07	9.67
84. 0	20.98	11.38	16.24	9.24	20.99	9.99	20.77	8.77	21.00	10.60	21.04	9.64
86. 0	20.95	11.35	16.14	9.14	20.96	9.96	20.70	8.70	20.96	10.56	21.01	9.61
88. 0	20.90	11.30	16.04	9.04	20.92	9.92	20.63	8.63	20.92	10.52	20.97	9.57
90. 0	20.85	11.25	15.92	8.92	20.87	9.87	20.56	8.56	20.87	10.47	20.92	9.52
92. 0	20.80	11.20	15.68	8.68	20.81	9.81	20.48	8.48	20.82	10.42	20.87	9.47
94. 0	20.74	11.14	15.40	8.40	20.75	9.75	20.39	8.39	20.76	10.36	20.82	9.42
96. 0	20.67	11.07	15.15	8.15	20.69	9.69	20.29	8.29	20.69	10.29	20.76	9.36

ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C.

**** EXTENDED TRANSPORT PROGRAM ****
**** ANALYSIS MODULE ****

WATER RESOURCES DIVISION
WILLIAMS HATFIELD & STONER INC.
FORT LAUDERDALE, FLORIDA

INDIAN RIVER FARMS WATER CONTROL DISTRICT - CANAL SYSTEM DRAINAGE ANALYSIS
100 YEAR DESIGN STORM ; FILENAME - IRFEXT00.DAT ; JOB # 1920.00 ; 8/3/88

TIME HISTORY OF H. G. L.

(VALUES IN FEET)

TIME	JUNCTION 146 GRND 120.50		JUNCTION 174 GRND 121.00		JUNCTION GRND
36. 0	16.62	5.12	16.60	3.40	
38. 0	16.24	4.74	16.24	3.04	
40. 0	15.83	4.33	15.91	2.71	
42. 0	15.46	3.96	15.78	2.58	
44. 0	15.20	3.70	15.83	2.63	
46. 0	15.04	3.54	16.01	2.81	
48. 0	15.00	3.50	16.26	3.06	
50. 0	15.06	3.56	16.53	3.33	
52. 0	15.24	3.74	16.86	3.66	

(VALUES IN FEET)

TIME	JUNCTION 146 GRND 120.50		JUNCTION 174 GRND 121.00		JUNCTION GRND
54. 0	15.57	4.07	17.32	4.12	
56. 0	16.10	4.60	17.98	4.78	
58. 0	16.89	5.39	18.84	5.64	
60. 0	19.59	8.09	22.73	7.80	
62. 0	20.57	9.00	22.56	7.80	
64. 0	20.63	9.00	22.01	7.80	
66. 0	20.64	9.00	21.68	7.80	
68. 0	20.75	9.00	21.50	7.80	
70. 0	20.85	9.00	21.35	7.80	
72. 0	20.93	9.00	21.27	7.80	
74. 0	20.99	9.00	21.18	7.80	
76. 0	21.02	9.00	21.15	7.80	
78. 0	21.03	9.00	21.12	7.80	
80. 0	21.02	9.00	21.10	7.80	
82. 0	21.00	9.00	21.07	7.80	
84. 0	20.98	9.00	21.04	7.80	
86. 0	20.94	9.00	21.00	7.80	
88. 0	20.89	9.00	20.95	7.75	
90. 0	20.84	9.00	20.90	7.70	
92. 0	20.79	9.00	20.85	7.65	
94. 0	20.73	9.00	20.79	7.59	
96. 0	20.66	9.00	20.73	7.53	

ENVIRONMENTAL PROTECTION AGENCY **** EXTENDED TRANSPORT PROGRAM **** WATER RESOURCES DIVISION
WASHINGTON, D.C. **** **** WILLIAMS HATFIELD & STONER INC.
**** ANALYSIS MODULE **** FORT LAUDERDALE, FLORIDA

INDIAN RIVER FARMS WATER CONTROL DISTRICT - CANAL SYSTEM DRAINAGE ANALYSIS
100 YEAR DESIGN STORM ; FILENAME - IRFEXTOO.DAT ; JOB # 1920.00 ; 8/3/88

SUMMARY STATISTICS FOR JUNCTIONS

JUNCTION NUMBER	GROUND ELEVATION (FT)	UPPERMOST PIPE CROWN ELEVATION (FT)	MAXIMUM COMPUTED STAGE (FT)	TIME OF OCCURENCE HR.	MIN.	FEET OF SURCHARGE AT MAX. DEPTH	FEET MAX. DEPTH IS BELOW GROUND ELEVATION	LENGTH OF SURCHARGE (MIN)
1	123.5	33.5	24.3	60	24	.0	99.2	.0
2	123.0	33.0	24.0	60	32	.0	99.0	.0
3	123.0	33.0	24.1	60	42	.0	98.9	.0
4	124.0	34.0	23.9	60	5	.0	100.1	.0
5	123.5	33.5	23.7	60	1	.0	99.8	.0
6	120.0	30.0	21.0	79	1	.0	99.0	.0
7	118.5	28.4	21.0	79	8	.0	97.5	.0
8	120.0	30.0	21.0	79	8	.0	99.0	.0
9	23.5	23.5	21.2	61	48	.0	2.3	.0
10	116.5	26.5	18.3	68	55	.0	98.2	.0
11	127.0	37.0	27.2	62	10	.0	99.8	.0
12	123.0	33.0	23.7	59	51	.0	99.3	.0
13	124.5	34.5	24.8	60	17	.0	99.7	.0
14	118.5	28.4	21.0	79	7	.0	97.5	.0
15	119.5	29.5	21.0	78	50	.0	98.5	.0
16	122.5	32.5	23.5	59	45	.0	99.0	.0
17	120.5	30.5	21.5	60	14	.0	99.0	.0
18	118.0	28.0	18.3	68	23	.0	99.7	.0
19	123.5	33.5	24.1	60	22	.0	99.4	.0
20	123.0	33.0	23.7	59	52	.0	99.3	.0
21	119.0	29.0	21.0	79	2	.0	98.0	.0
22	121.0	31.0	21.2	60	34	.0	99.8	.0
23	101.5	11.5	2.2	62	53	.0	99.3	.0
24	124.0	34.0	24.6	60	7	.0	99.4	.0
25	117.0	27.0	18.3	68	26	.0	98.7	.0
26	125.0	35.0	25.5	60	23	.0	99.5	.0
27	123.0	33.0	23.6	59	48	.0	99.4	.0
28	123.0	33.0	23.3	62	5	.0	99.7	.0
29	119.0	19.0	21.0	78	57	2.0	98.0	2170.5
30	121.0	31.0	21.2	60	31	.0	99.8	.0
31	124.0	34.0	25.1	60	7	.0	98.9	.0
32	124.0	34.0	24.4	60	22	.0	99.6	.0
33	115.0	25.0	18.3	68	54	.0	96.7	.0
34	123.5	33.5	24.3	60	53	.0	99.2	.0
35	122.5	32.5	23.3	60	3	.0	99.2	.0

JUNCTION NUMBER	GROUND ELEVATION (FT)	UPPERMOST PIPE CROWN ELEVATION (FT)	MAXIMUM COMPUTED STAGE (FT)	TIME OF OCCURENCE HR.	MIN.	FEET OF SURCHARGE AT MAX. DEPTH	FEET MAX. DEPTH IS BELOW GROUND ELEVATION	LENGTH OF SURCHARGE (MIN)
36	122.0	32.0	22.5	59	42	.0	99.5	.0
37	119.5	29.5	21.0	78	52	.0	98.5	.0
38	119.3	29.3	21.0	79	7	.0	98.3	.0
39	120.0	30.0	21.0	78	50	.0	99.0	.0
40	122.7	32.7	23.3	60	6	.0	99.4	.0
41	20.0	20.0	18.1	68	29	.0	1.9	.0
43	125.5	35.5	25.7	60	43	.0	99.8	.0
44	121.5	31.5	22.7	68	38	.0	98.8	.0
45	121.5	31.5	21.8	62	5	.0	99.7	.0
46	119.5	19.5	21.0	78	50	1.5	98.5	2108.0
47	120.5	30.5	21.0	79	5	.0	99.5	.0
48	120.5	30.5	20.9	78	41	.0	99.6	.0
49	23.5	23.5	21.9	60	32	.0	1.6	.0
50	18.5	18.5	16.9	64	21	.0	1.6	.0
52	118.5	28.5	20.9	78	51	.0	97.6	.0
53	120.0	30.0	20.6	78	36	.0	99.4	.0
54	20.4	20.4	20.1	78	16	.0	.3	.0
55	20.0	20.0	19.6	77	52	.0	.4	.0
56	123.5	33.5	24.1	68	21	.0	99.4	.0
57	123.5	33.5	24.3	60	53	.0	99.2	.0
58	121.5	31.5	23.2	70	23	.0	98.3	.0
59	121.5	31.5	22.1	59	45	.0	99.4	.0
60	118.0	27.9	21.0	79	3	.0	97.0	.0
61	120.0	30.0	21.0	79	6	.0	99.0	.0
62	119.5	29.5	20.4	78	20	.0	99.1	.0
63	123.5	33.5	24.2	60	4	.0	99.3	.0
65	120.0	20.0	16.7	64	19	.0	103.3	.0
66	120.0	20.0	16.2	64	16	.0	103.8	.0
67	124.5	24.5	24.6	62	1	.1	99.9	97.5
68	123.5	33.5	24.3	69	55	.0	99.2	.0
69	123.5	33.5	24.2	70	29	.0	99.3	.0
70	123.0	32.9	24.2	70	39	.0	98.8	.0
71	121.5	31.5	23.5	70	16	.0	98.0	.0
72	120.5	30.5	23.2	70	24	.0	97.3	.0
73	122.5	32.5	22.6	60	52	.0	99.9	.0
74	118.0	27.9	21.0	79	4	.0	97.0	.0
75	120.8	30.8	21.8	60	3	.0	99.0	.0
76	121.0	31.0	22.0	60	6	.0	99.0	.0
77	122.7	32.7	23.5	59	52	.0	99.2	.0
78	119.0	29.0	20.1	60	15	.0	98.9	.0
80	125.0	35.0	24.6	62	3	.0	100.4	.0
81	123.5	33.5	24.6	62	3	.0	98.9	.0
82	24.5	24.5	24.2	70	17	.0	.3	.0
83	24.0	23.7	22.4	70	32	.0	1.6	.0
84	121.5	31.5	22.2	70	36	.0	99.3	.0
85	120.0	30.0	21.0	79	8	.0	99.0	.0
86	118.0	28.0	21.0	79	10	.0	97.0	.0
87	122.0	32.0	22.6	60	10	.0	99.4	.0
88	123.4	33.4	23.8	60	12	.0	99.6	.0
89	120.0	30.0	21.2	60	4	.0	98.8	.0
90	120.2	30.2	20.7	60	11	.0	99.5	.0
92	124.5	34.5	24.7	60	27	.0	99.8	.0
93	125.0	35.0	25.4	60	21	.0	99.6	.0
94	121.0	31.0	21.4	74	37	.0	99.6	.0
95	121.0	31.0	21.4	74	42	.0	99.6	.0
96	120.5	30.5	21.0	79	8	.0	99.5	.0
97	117.7	27.9	21.0	79	8	.0	96.7	.0
98	121.0	31.0	21.9	60	2	.0	99.1	.0
99	120.2	20.2	21.6	60	8	1.4	98.6	251.5
100	118.0	28.0	20.0	60	4	.0	98.0	.0
101	27.0	27.0	26.1	62	8	.0	.9	.0
102	127.0	37.0	27.5	60	17	.0	99.5	.0
103	120.5	30.5	21.3	74	57	.0	99.2	.0
104	121.5	21.5	21.0	78	34	.0	100.5	.0
105	120.0	30.0	21.0	78	32	.0	99.0	.0
106	117.5	27.5	21.0	79	7	.0	96.5	.0
107	122.6	32.6	23.5	60	1	.0	99.1	.0
108	121.0	31.0	21.3	60	24	.0	99.7	.0
109	118.0	28.0	19.6	60	7	.0	98.4	.0
110	120.0	20.0	20.4	78	9	.4	99.6	1815.5
111	120.5	30.5	20.2	77	54	.0	100.3	.0
112	124.5	34.5	24.8	60	47	.0	99.7	.0
113	121.0	31.0	21.1	77	55	.0	99.9	.0
114	120.5	30.5	21.5	60	12	.0	99.0	.0
115	119.5	29.5	21.0	78	41	.0	98.5	.0

JUNCTION NUMBER	GROUND ELEVATION (FT)	UPPERMOST PIPE CROWN ELEVATION (FT)	MAXIMUM COMPUTED STAGE (FT)	TIME OF OCCURENCE HR.	MIN.	FEET OF SURCHARGE AT MAX. DEPTH	FEET MAX. DEPTH IS BELOW GROUND ELEVATION	LENGTH OF SURCHARGE (MIN)
116	121.0	31.0	21.3	62	7	.0	99.7	.0
117	120.0	30.0	21.0	78	27	.0	99.0	.0
119	123.0	22.5	19.8	77	38	.0	103.2	.0
121	118.5	28.5	20.0	60	15	.0	98.5	.0
122	23.0	23.0	19.3	76	58	.0	3.7	.0
123	124.5	34.5	24.3	61	25	.0	100.2	.0
124	123.0	33.0	24.3	61	23	.0	98.7	.0
125	125.0	35.0	25.2	62	9	.0	99.8	.0
126	124.0	34.0	24.8	61	35	.0	99.2	.0
127	119.0	29.0	21.1	78	27	.0	97.9	.0
128	119.5	29.5	21.0	79	5	.0	98.5	.0
129	119.5	29.4	21.0	79	1	.0	98.5	.0
130	120.5	30.5	17.8	68	26	.0	102.7	.0
131	117.0	27.0	18.6	63	45	.0	98.4	.0
132	113.0	13.0	13.1	63	26	.1	99.9	152.0
133	112.5	22.5	9.8	63	31	.0	102.7	.0
134	104.5	14.5	5.0	62	45	.0	99.5	.0
135	119.5	29.5	21.1	78	43	.0	98.4	.0
136	119.5	29.4	21.0	79	0	.0	98.5	.0
137	121.5	31.5	23.0	60	6	.0	98.5	.0
138	120.0	30.0	21.1	78	54	.0	98.9	.0
139	120.0	30.0	21.0	78	45	.0	99.0	.0
140	122.5	32.5	23.5	60	5	.0	99.0	.0
141	120.0	30.0	21.0	79	1	.0	99.0	.0
142	121.5	31.5	21.0	78	41	.0	100.5	.0
143	123.0	33.0	23.9	60	2	.0	99.1	.0
144	117.5	27.5	19.7	60	12	.0	97.8	.0
145	119.5	29.4	21.0	79	7	.0	98.5	.0
146	120.5	20.5	21.0	78	24	.5	99.5	2062.5
147	123.5	33.5	24.3	60	6	.0	99.2	.0
148	117.5	27.5	19.7	60	9	.0	97.8	.0
149	119.5	29.4	21.0	79	8	.0	98.5	.0
150	121.0	21.0	21.0	77	44	.0	100.0	.0
151	124.0	34.0	24.1	62	27	.0	99.9	.0
152	116.0	26.0	18.4	64	0	.0	97.6	.0
153	119.5	29.5	21.0	79	4	.0	98.5	.0
154	120.5	20.5	20.9	77	42	.4	99.6	1764.0
155	121.5	31.5	22.7	60	12	.0	98.8	.0
157	119.5	29.5	21.0	79	0	.0	98.5	.0
158	120.0	20.0	20.8	77	49	.8	99.2	2095.0
159	23.5	23.5	19.0	62	46	.0	4.5	.0
160	18.0	18.0	16.9	63	2	.0	1.1	.0
161	119.5	29.4	21.0	79	7	.0	98.5	.0
162	119.5	29.4	21.0	78	59	.0	98.5	.0
163	122.0	32.0	23.1	60	8	.0	98.9	.0
165	120.0	30.0	21.0	79	8	.0	99.0	.0
166	119.5	29.5	21.1	60	56	.0	98.4	.0
167	122.5	32.5	23.0	60	30	.0	99.5	.0
168	19.5	19.5	18.0	62	27	.0	1.5	.0
169	119.5	29.5	21.0	79	9	.0	98.5	.0
170	120.5	30.5	22.0	60	30	.0	98.5	.0
171	122.5	32.5	23.4	60	10	.0	99.1	.0
172	119.0	29.0	18.5	62	14	.0	100.5	.0
173	118.0	28.0	21.0	79	10	.0	97.0	.0
174	121.0	21.0	22.8	60	17	1.8	98.2	1609.0
175	124.5	34.5	25.0	60	8	.0	99.5	.0
176	118.0	28.0	18.7	60	45	.0	99.3	.0
177	119.5	29.5	21.0	79	10	.0	98.5	.0
178	121.5	21.5	22.9	60	14	1.4	98.6	571.5
179	121.5	31.5	22.4	60	11	.0	99.1	.0
180	119.0	29.0	19.8	60	19	.0	99.2	.0
181	119.0	28.9	21.0	79	9	.0	98.0	.0
182	121.0	31.0	22.3	60	10	.0	98.7	.0
183	123.0	33.0	23.9	60	5	.0	99.1	.0
184	119.0	29.0	19.9	60	18	.0	99.1	.0
185	23.0	23.0	21.7	60	20	.0	1.3	.0
186	118.0	28.0	19.7	60	20	.0	98.3	.0
187	123.5	33.5	23.6	60	24	.0	99.9	.0
188	120.0	30.0	20.1	60	44	.0	99.9	.0
189	114.8	24.8	15.0	63	58	.0	99.8	.0
190	100.0	7.0	2.0	36	1	.0	98.0	.0
191	101.5	8.9	2.0	64	22	.0	99.5	.0
200	100.0	6.0	2.0	36	1	.0	98.0	.0
301	100.0	35.0	21.0	79	10	.0	79.0	.0
302	100.0	35.0	21.0	79	9	.0	79.0	.0

JUNCTION NUMBER	GROUND ELEVATION (FT)	PIPE CROWN ELEVATION (FT)	MAXIMUM COMPUTED STAGE (FT)	TIME OF OCCURENCE HR.	MIN.	FEET OF SURCHARGE AT MAX. DEPTH	FEET MAX. DEPTH IS BELOW GROUND ELEVATION	LENGTH OF SURCHARGE (MIN)
303	100.0	35.0	21.0	79	9	.0	79.0	.0
304	100.0	35.0	21.0	79	7	.0	79.0	.0
305	100.0	35.0	21.0	79	4	.0	79.0	.0
306	100.0	35.0	21.0	79	7	.0	79.0	.0
307	100.0	35.0	18.4	64	3	.0	81.6	.0
308	100.0	35.0	18.8	63	49	.0	81.2	.0
309	100.0	35.0	18.3	68	57	.0	81.7	.0
310	100.0	35.0	23.3	70	24	.0	76.7	.0
311	100.0	35.0	24.2	70	43	.0	75.8	.0
314	100.0	35.0	21.0	79	8	.0	79.0	.0
400	100.0	35.0	21.0	79	10	.0	79.0	.0
500	100.0	34.3	30.0	0	0	.0	70.0	.0
501	100.0	32.2	30.0	0	0	.0	70.0	.0
8006	122.5	32.5	22.8	60	20	.0	99.7	.0
8007	22.0	22.0	21.4	62	2	.0	.6	.0
8014	121.5	31.5	22.4	59	37	.0	99.1	.0
8018	123.0	33.0	23.2	61	28	.0	99.8	.0
8020	123.5	33.5	24.3	60	15	.0	99.2	.0
8021	121.5	31.5	22.0	62	7	.0	99.5	.0
8022	121.0	31.0	21.9	59	55	.0	99.1	.0
8024	124.0	34.0	24.5	60	13	.0	99.5	.0
8029	121.0	31.0	21.7	60	3	.0	99.3	.0
8030	120.0	30.0	21.7	60	2	.0	98.3	.0
8034	123.8	33.8	24.4	60	53	.0	99.4	.0
8037	121.0	31.0	21.7	59	59	.0	99.3	.0
8039	121.5	31.5	22.8	59	58	.0	98.7	.0
8044	123.3	33.3	24.2	60	28	.0	99.1	.0
8046	120.5	30.5	21.1	62	10	.0	99.4	.0
8048	121.0	31.0	22.2	60	2	.0	98.8	.0
8056	123.0	33.0	24.1	60	49	.0	98.9	.0
8058	123.5	33.5	24.2	60	48	.0	99.3	.0
8060	121.0	31.0	21.9	59	59	.0	99.1	.0
8068	123.5	33.5	24.4	60	52	.0	99.1	.0
8072	122.0	32.0	23.4	70	13	.0	98.6	.0
8074	120.0	30.0	21.1	60	8	.0	98.9	.0
8078	23.0	23.0	21.2	71	17	.0	1.8	.0
8080	123.5	33.5	24.6	61	53	.0	98.9	.0
8081	124.5	34.5	25.2	61	57	.0	99.3	.0
8084	123.0	33.0	23.5	59	50	.0	99.5	.0
8086	120.5	30.5	21.0	79	8	.0	99.5	.0
8094	122.5	32.5	23.4	60	1	.0	99.1	.0
8097	119.5	29.5	21.0	79	9	.0	98.5	.0
8103	122.0	32.0	23.7	60	13	.0	98.3	.0
8106	121.1	31.1	22.5	60	3	.0	98.6	.0
8113	122.0	32.0	23.2	60	22	.0	98.8	.0
8127	120.5	30.5	21.2	62	24	.0	99.3	.0
8129	121.5	31.5	23.5	60	9	.0	98.0	.0
8139	121.5	31.5	22.4	60	8	.0	99.1	.0
8142	121.5	31.5	22.6	60	7	.0	98.9	.0
8144	121.0	31.0	22.1	60	3	.0	98.9	.0
8146	119.0	29.0	21.1	60	10	.0	97.9	.0
8150	121.5	31.5	22.4	60	30	.0	99.1	.0
8152	122.0	32.0	22.7	60	12	.0	99.3	.0
8160	23.0	23.0	18.0	62	46	.0	5.0	.0
8168	121.0	31.0	21.6	60	9	.0	99.4	.0
8172	123.0	33.0	20.6	62	58	.0	102.4	.0
8176	122.5	32.5	22.7	59	37	.0	99.8	.0
8191	116.0	16.0	14.2	64	17	.0	101.8	.0
8200	108.5	18.5	9.0	64	37	.0	99.5	.0
8668	123.4	33.4	24.5	61	57	.0	98.9	.0
8684	121.0	31.0	21.2	75	47	.0	99.8	.0
8768	123.5	33.5	24.4	60	28	.0	99.1	.0
8813	122.0	32.0	22.9	60	29	.0	99.1	.0
8821	22.5	22.5	22.0	62	8	.0	.5	.0
8827	122.0	32.0	22.4	61	48	.0	99.6	.0
8856	123.7	33.7	24.2	60	41	.0	99.5	.0
8860	120.0	20.0	17.2	62	44	.0	102.8	.0
8868	123.5	33.5	24.5	60	37	.0	99.0	.0
8884	123.0	33.0	23.4	59	42	.0	99.6	.0
8886	120.0	30.0	21.0	79	8	.0	99.0	.0
8891	110.0	10.0	9.2	64	22	.0	100.8	.0
8897	121.4	31.4	22.7	60	3	.0	98.7	.0
9055	20.5	20.5	19.7	77	58	.0	.8	.0
9083	121.5	31.5	22.5	70	30	.0	99.0	.0
9119	20.5	20.5	19.9	77	40	.0	.6	.0

JUNCTION NUMBER	GROUND ELEVATION (FT)	UPPERMOST PIPE CROWN ELEVATION (FT)	MAXIMUM COMPUTED STAGE (FT)	TIME OF OCCURENCE HR.	MIN.	FEET OF SURCHARGE AT MAX. DEPTH	FEET MAX. DEPTH IS BELOW GROUND ELEVATION	LENGTH OF SURCHARGE (MIN)
9133	117.0	27.0	16.9	64	26	.0	100.1	.0
9134	105.0	15.0	5.9	62	60	.0	99.1	.0
9159	20.5	20.5	19.0	62	47	.0	1.5	.0

ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C.

**** EXTENDED TRANSPORT PROGRAM ****
**** ANALYSIS MODULE ****

WATER RESOURCES DIVISION
WILLIAMS HATFIELD & STONER INC.
FORT LAUDERDALE, FLORIDA

INDIAN RIVER FARMS WATER CONTROL DISTRICT - CANAL SYSTEM DRAINAGE ANALYSIS
100 YEAR DESIGN STORM ; FILENAME - IRFEXT00.DAT ; JOB # 1920.00 ; 8/3/88

0 ********** TIME HISTORY OF FLOW AND VELOCITY **********

Q(CFS), VEL(FPS)

TIME HR.	MIN	CONDUIT 3084 FLOW	VEL	CONDUIT84094 FLOW	VEL	CONDUIT81019 FLOW	VEL	CONDUIT81022 FLOW	VEL	CONDUIT81030 FLOW	VEL	CONDUIT 5032 FLOW	VEL
36.	0	65.55	.2	2.79	.0	185.01	.9	206.34	1.3	221.20	.7	54.73	1.9
38.	0	387.83	1.4	15.21	.1	754.12	1.8	791.93	2.3	817.39	1.7	56.53	1.2
40.	0	276.89	1.1	46.86	.3	629.06	1.6	671.21	2.2	705.70	1.6	58.42	1.3
42.	0	229.39	1.0	49.49	.3	535.43	1.5	575.92	2.0	610.49	1.4	62.39	1.5
44.	0	204.04	1.0	48.48	.4	474.84	1.4	514.51	1.9	549.09	1.3	68.02	1.7
46.	0	191.96	1.0	47.41	.4	438.22	1.4	478.42	1.9	512.77	1.3	74.21	1.9
48.	0	190.54	1.0	47.34	.4	418.91	1.3	461.40	1.9	496.43	1.3	81.48	2.0
50.	0	198.13	1.0	49.47	.4	415.68	1.3	462.22	1.9	499.03	1.3	91.03	2.1
52.	0	215.49	1.1	54.12	.4	429.32	1.3	481.60	1.9	523.12	1.3	105.52	2.3
54.	0	247.18	1.1	62.05	.4	462.34	1.3	526.92	1.9	581.82	1.4	132.61	2.6
56.	0	305.43	1.2	70.99	.4	531.57	1.4	619.53	2.0	696.07	1.5	179.96	2.9
58.	0	411.73	1.4	80.59	.4	674.55	1.6	795.18	2.2	904.97	1.8	246.92	3.1
60.	0	814.21	1.7	153.71	.4	1109.93	1.7	1339.57	2.2	2002.46	2.6	810.64	4.9
62.	0	1331.84	2.2	60.90	.1	1790.24	2.2	2094.49	2.7	2559.69	2.8	1215.48	5.7
64.	0	1536.16	2.5	-80.82	-.2	2094.56	2.5	2400.80	3.0	2665.57	2.8	1381.03	6.1
66.	0	1603.81	2.6	-144.89	-.3	2228.55	2.6	2523.28	3.1	2690.87	2.8	1327.22	6.0
68.	0	1625.97	2.6	-181.19	-.4	2335.28	2.7	2612.12	3.2	2737.43	2.9	1220.60	5.7
70.	0	1620.04	2.6	-211.76	-.5	2466.43	2.8	2698.91	3.3	2798.78	3.0	628.43	3.7
72.	0	1597.63	2.6	-232.47	-.5	2546.16	2.9	2739.67	3.4	2817.05	3.0	509.37	3.2
74.	0	1564.37	2.5	-247.82	-.5	2607.00	3.0	2768.37	3.4	2823.46	3.0	428.12	2.8
76.	0	1524.17	2.5	-252.98	-.5	2643.59	3.0	2783.43	3.4	2826.17	3.0	358.63	2.5
78.	0	1480.71	2.4	-249.86	-.5	2661.51	3.0	2789.62	3.4	2825.79	3.0	302.77	2.2
80.	0	1437.14	2.3	-242.87	-.5	2669.29	3.1	2785.19	3.4	2817.46	3.0	260.51	1.9
82.	0	1394.56	2.3	-232.91	-.5	2668.21	3.1	2773.28	3.4	2803.13	3.0	226.07	1.7
84.	0	1354.05	2.2	-221.05	-.5	2659.70	3.1	2755.61	3.4	2783.85	3.0	199.53	1.5
86.	0	1316.04	2.2	-208.01	-.5	2644.79	3.1	2733.55	3.4	2760.73	3.0	179.24	1.4
88.	0	1262.27	2.1	-187.43	-.4	2624.40	3.1	2707.54	3.4	2734.05	3.0	163.29	1.3
90.	0	1216.47	2.0	-170.71	-.4	2599.59	3.0	2678.15	3.4	2704.24	3.0	150.51	1.2
92.	0	1176.04	2.0	-154.81	-.3	2571.29	3.0	2646.06	3.4	2671.85	3.0	140.12	1.1
94.	0	1140.56	2.0	-140.07	-.3	2540.08	3.0	2611.66	3.4	2637.25	2.9	131.46	1.1
96.	0	1107.95	1.9	-128.36	-.3	2506.39	3.0	2575.28	3.4	2600.77	2.9	124.33	1.0

ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C.

**** EXTENDED TRANSPORT PROGRAM ****
**** ANALYSIS MODULE ****

WATER RESOURCES DIVISION
WILLIAMS HATFIELD & STONER INC.
FORT LAUDERDALE, FLORIDA

INDIAN RIVER FARMS WATER CONTROL DISTRICT - CANAL SYSTEM DRAINAGE ANALYSIS
100 YEAR DESIGN STORM ; FILENAME - IRFEXT00.DAT ; JOB # 1920.00 ; 8/3/88

0 ********** TIME HISTORY OF FLOW AND VELOCITY **********

Q(CFS), VEL(FPS)

TIME HR.	MIN	CONDUIT81018 FLOW	VEL	CONDUIT82059 FLOW	VEL	CONDUIT82939 FLOW	VEL	CONDUIT70933 FLOW	VEL	CONDUIT 8052 FLOW	VEL	CONDUIT 1000 FLOW	VEL
36.	0	295.96	.6	86.09	1.2	84.77	1.4	12.83	.2	28.55	1.1	125.44	1.6
38.	0	902.57	1.4	453.12	2.0	460.63	2.5	2.06	.0	29.55	.5	475.54	2.6
40.	0	807.42	1.3	407.13	2.0	416.62	2.3	19.19	.1	31.40	.5	475.73	2.6
42.	0	711.34	1.2	365.64	1.9	375.55	2.2	23.35	.1	34.97	.6	443.00	2.6
44.	0	650.44	1.1	332.45	1.8	342.19	2.1	28.78	.2	40.46	.7	419.31	2.5
46.	0	616.72	1.1	309.21	1.8	318.36	2.1	35.73	.2	47.26	.8	407.82	2.5
48.	0	605.37	1.1	296.33	1.8	304.76	2.0	44.56	.3	55.21	.9	409.36	2.5
50.	0	616.43	1.1	294.60	1.8	302.18	2.0	55.60	.3	65.07	1.0	425.83	2.5
52.	0	655.35	1.1	305.47	1.8	312.37	1.9	70.07	.4	78.65	1.1	461.63	2.6
54.	0	743.70	1.2	333.17	1.8	339.82	1.9	94.87	.5	102.31	1.2	532.73	2.7
56.	0	912.12	1.4	387.93	1.9	394.32	1.9	141.10	.6	141.00	1.3	666.43	3.0
58.	0	1201.97	1.7	485.53	2.0	493.14	2.0	224.01	.8	183.92	1.4	887.65	3.3
60.	0	3115.05	3.1	824.77	2.0	869.12	2.0	773.52	1.4	439.58	1.7	2028.11	4.3
62.	0	4223.27	3.9	1113.21	2.1	1247.83	2.2	795.40	1.2	649.77	1.8	2803.68	4.6
64.	0	4420.17	4.0	1105.11	2.1	1222.80	2.1	713.33	1.0	683.16	1.9	2749.45	4.4
66.	0	4301.44	3.9	1123.13	2.1	1210.91	2.2	643.68	1.0	704.64	2.0	2674.27	4.4
68.	0	4182.73	3.9	1163.73	2.2	1229.57	2.2	585.57	.9	708.71	2.0	2614.17	4.4

TIME HISTORY OF FLOW AND VELOCITY

Q(CFS), VEL(FPS)

TIME HR. MIN	CONDUIT81018 FLOW	VEL	CONDUIT82059 FLOW	VEL	CONDUIT82939 FLOW	VEL	CONDUIT70933 FLOW	VEL	CONDUIT 8052 FLOW	VEL	CONDUIT 1000 FLOW	VEL
70. 0	3633.88	3.5	1198.22	2.3	1251.38	2.3	510.19	.8	707.77	2.1	2548.17	4.4
72. 0	3474.20	3.4	1225.55	2.4	1269.13	2.4	436.53	.7	703.63	2.1	2475.42	4.5
74. 0	3370.40	3.3	1244.18	2.5	1279.96	2.5	372.79	.6	674.05	2.1	2387.01	4.5
76. 0	3281.22	3.3	1260.01	2.5	1290.35	2.6	322.72	.6	581.86	2.0	2249.13	4.4
78. 0	3209.76	3.2	1269.18	2.6	1294.51	2.7	280.22	.5	493.61	1.8	2114.40	4.4
80. 0	3148.23	3.2	1278.81	2.7	1308.31	2.9	280.27	.5	267.52	1.1	1926.90	4.2
82. 0	3091.47	3.1	1279.07	2.7	1297.60	3.0	221.55	.5	216.87	1.0	1768.40	4.1
84. 0	3039.40	3.1	1272.70	2.7	1288.26	3.0	198.33	.4	200.25	1.0	1712.69	4.1
86. 0	2991.24	3.1	1265.05	2.7	1279.20	3.0	183.59	.4	187.68	.9	1673.49	4.0
88. 0	2944.96	3.0	1255.97	2.7	1269.17	3.0	172.07	.4	176.81	.9	1639.14	4.0
90. 0	2899.48	3.0	1245.55	2.7	1258.04	3.1	162.37	.4	167.38	.9	1607.40	4.0
92. 0	2854.38	3.0	1234.08	2.7	1246.03	3.1	152.72	.3	159.27	.8	1576.49	4.0
94. 0	2809.28	2.9	1221.72	2.7	1233.22	3.1	144.68	.3	152.15	.8	1547.51	3.9
96. 0	2764.16	2.9	1208.75	2.7	1219.88	3.1	137.40	.3	145.94	.8	1519.83	3.9

ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C.

**** EXTENDED TRANSPORT PROGRAM ****
**** ****
**** ANALYSIS MODULE ****

WATER RESOURCES DIVISION
WILLIAMS HATFIELD & STONER INC.
FORT LAUDERDALE, FLORIDA

INDIAN RIVER FARMS WATER CONTROL DISTRICT - CANAL SYSTEM DRAINAGE ANALYSIS
100 YEAR DESIGN STORM ; FILENAME - IRFEXT00.DAT ; JOB # 1920.00 ; 8/3/88

0 TIME HISTORY OF FLOW AND VELOCITY

Q(CFS), VEL(FPS)

TIME HR. MIN	CONDUIT 5663 FLOW	VEL	CONDUIT83055 FLOW	VEL	CONDUIT83065 FLOW	VEL	CONDUIT88850 FLOW	VEL	CONDUIT 1200 FLOW	VEL	CONDUIT 4068 FLOW	VEL
36. 0	.46	.1	96.43	1.1	119.76	.9	33.72	1.3	160.81	1.8	26.60	.2
38. 0	.46	.1	888.16	2.6	946.34	2.3	46.82	.4	1019.22	3.4	82.76	.6
40. 0	.59	.1	654.95	2.3	709.13	2.0	46.34	.6	779.60	3.1	74.08	.5
42. 0	.81	.1	505.58	2.1	552.75	1.8	39.97	.7	612.18	2.8	68.16	.5
44. 0	.94	.1	414.69	2.0	454.61	1.7	42.32	.8	511.95	2.7	65.48	.5
46. 0	.96	.1	370.97	1.9	404.36	1.6	44.80	1.0	460.29	2.6	65.22	.5
48. 0	.93	.1	364.40	1.9	392.60	1.6	47.71	1.0	448.28	2.6	67.20	.5
50. 0	.99	.1	385.74	1.9	411.48	1.6	51.80	1.1	469.60	2.6	71.58	.5
52. 0	1.21	.1	430.83	2.0	458.15	1.7	60.81	1.1	526.23	2.7	79.29	.6
54. 0	1.76	.2	507.62	2.1	543.62	1.8	83.17	1.2	638.68	2.9	92.23	.6
56. 0	2.83	.2	635.45	2.2	692.82	1.9	130.11	1.3	843.20	3.2	116.85	.7
58. 0	4.44	.2	856.17	2.4	952.08	2.1	212.50	1.5	1197.50	3.6	161.79	.8
60. 0	27.66	.4	1653.01	2.7	2019.60	2.6	626.10	1.7	2917.46	4.9	452.32	1.3
62. 0	24.27	.3	2133.71	2.9	2621.30	2.9	917.30	2.0	3742.96	5.3	564.36	1.5
64. 0	21.67	.2	2364.74	3.1	2787.84	3.0	942.06	2.0	3842.01	5.3	454.35	1.2
66. 0	15.53	.2	2446.28	3.2	2759.12	3.0	951.37	2.0	3782.70	5.3	359.65	.9
68. 0	10.99	.1	2550.25	3.3	2779.01	3.0	940.28	2.0	3772.20	5.3	309.10	.8
70. 0	8.19	.1	2638.53	3.4	2816.00	3.1	917.73	2.0	3773.53	5.3	276.92	.7
72. 0	6.45	.1	2702.71	3.4	2848.01	3.1	891.88	1.9	3773.56	5.3	258.03	.7
74. 0	4.91	.1	2746.94	3.5	2861.94	3.1	860.80	1.9	3747.35	5.3	243.30	.6
76. 0	3.71	.1	2775.96	3.5	2867.91	3.2	828.71	1.8	3716.08	5.3	237.90	.6
78. 0	2.95	.0	2792.59	3.5	2870.84	3.2	796.76	1.8	3684.34	5.2	238.45	.6
80. 0	2.47	.0	2798.47	3.6	2868.15	3.2	766.08	1.7	3649.50	5.2	243.39	.7
82. 0	2.16	.0	2795.04	3.6	2858.95	3.2	737.33	1.7	3610.71	5.2	252.96	.7
84. 0	1.95	.0	2784.01	3.6	2843.73	3.2	710.48	1.6	3568.14	5.2	258.30	.7
86. 0	1.81	.0	2768.62	3.6	2825.01	3.2	685.12	1.6	3523.67	5.2	266.03	.8
88. 0	1.71	.0	2748.20	3.6	2802.31	3.2	661.51	1.6	3477.20	5.1	274.51	.8
90. 0	1.64	.0	2723.05	3.6	2777.57	3.2	628.95	1.5	3421.13	5.1	282.96	.8
92. 0	1.59	.0	2696.91	3.6	2753.51	3.2	557.77	1.4	3327.55	5.1	288.04	.8
94. 0	1.56	.0	2668.34	3.6	2723.65	3.3	478.61	1.2	3218.31	5.0	291.71	.9
96. 0	1.53	.0	2634.78	3.6	2687.64	3.3	415.70	1.1	3118.67	5.0	295.03	.9

ENVIRONMENTAL PROTECTION AGENCY
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**** EXTENDED TRANSPORT PROGRAM ****
**** ****
**** ANALYSIS MODULE ****

WATER RESOURCES DIVISION
WILLIAMS HATFIELD & STONER INC.
FORT LAUDERDALE, FLORIDA

INDIAN RIVER FARMS WATER CONTROL DISTRICT - CANAL SYSTEM DRAINAGE ANALYSIS
100 YEAR DESIGN STORM ; FILENAME - IRFEXT00.DAT ; JOB # 1920.00 ; 8/3/88

0 TIME HISTORY OF FLOW AND VELOCITY

Q(CFS), VEL(FPS)

TIME	CONDUIT40923		CONDUIT 3058		CONDUIT
36. 0	38.28	.1	26.14	.1	
38. 0	178.95	.9	69.48	.7	
40. 0	138.23	.9	50.11	.6	
42. 0	119.05	.8	44.93	.7	
44. 0	109.57	.8	45.67	.8	
46. 0	106.47	.9	50.05	.9	
48. 0	108.32	.9	57.17	1.0	
50. 0	114.84	.9	66.52	1.1	

0 ********** TIME HISTORY OF FLOW AND VELOCITY **********

Q(CFS), VEL(FPS)

TIME	CONDUIT 40923		CONDUIT 3058		CONDUIT
52. 0	126.76	.9	79.52	1.2	
54. 0	147.65	1.0	100.41	1.3	
56. 0	183.82	1.0	137.81	1.4	
58. 0	248.24	1.1	201.09	1.6	
60. 0	586.30	1.5	416.86	1.8	
62. 0	607.59	1.2	271.44	.9	
64. 0	510.19	.9	204.26	.6	
66. 0	497.11	.9	210.30	.6	
68. 0	487.54	.9	212.84	.6	
70. 0	478.71	.8	213.23	.6	
72. 0	473.30	.8	212.10	.6	
74. 0	467.81	.8	210.05	.6	
76. 0	465.32	.8	206.87	.6	
78. 0	464.78	.9	202.77	.6	
80. 0	465.87	.9	197.87	.6	
82. 0	468.92	.9	192.09	.6	
84. 0	472.67	.9	185.67	.6	
86. 0	478.59	.9	181.84	.6	
88. 0	496.17	1.0	221.47	.7	
90. 0	504.86	1.0	243.58	.8	
92. 0	508.89	1.1	247.18	.9	
94. 0	510.62	1.1	246.48	.9	
96. 0	502.71	1.1	252.64	.9	

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,,,,,,,,,,,,,,,,,,,, SUMMARY STATISTICS FOR CONDUITS ,,,,,,,,,,,,,,,,,,,,

CONDUIT NUMBER	DESIGN FLOW (CFS)	DESIGN VELOCITY (FPS)	CONDUIT VERTICAL DEPTH (IN)	MAXIMUM COMPUTED FLOW (CFS)	TIME OF OCCURENCE HR.	MIN.	MAXIMUM COMPUTED VELOCITY (FPS)	TIME OF OCCURENCE HR.	MIN.	RATIO OF MAX. TO DESIGN FLOW	MAXIMUM DEPTH ABOVE INVERT AT CONDUIT ENDS UPSTREAM (FT)	DOWNSTREAM (FT)
10	7645.9	5.1	120.0	102.7	61	16	1.3	60	46	.0	.78	1.27
11	6242.9	4.2	120.0	147.9	62	15	1.4	60	49	.0	1.04	1.27
12	6242.9	4.2	120.0	175.1	62	10	4.4	58	19	.0	1.13	1.27
13	8828.8	5.9	120.0	.0	0	0	.0	0	0	.0	-.11	1.27
15	4414.4	2.9	120.0	-78.0	60	33	-.7	60	14	-.0	1.29	1.79
16	13959.5	9.3	120.0	22.5	62	10	.8	60	23	.0	.16	1.27
17	15291.9	10.2	120.0	93.6	60	17	1.7	59	37	.0	.35	2.53
18	6242.9	4.2	120.0	407.7	61	57	2.0	60	28	.1	1.54	2.53
19	12485.8	8.3	120.0	315.5	60	15	2.6	60	12	.0	.95	2.53
20	11679.4	7.8	120.0	227.1	61	19	2.3	60	34	.0	1.03	1.29
21	7645.9	5.1	120.0	74.8	61	7	3.4	58	35	.0	.64	1.27
22	13243.1	8.8	120.0	261.2	60	8	2.5	60	8	.0	.74	2.53
23	4414.4	2.9	120.0	92.8	67	8	.3	67	5	.0	2.04	2.53
24	16517.1	11.0	120.0	149.8	60	24	2.3	60	22	.0	.62	1.29
25	10813.0	7.2	120.0	80.1	60	57	1.4	60	48	.0	.55	1.27
26	13243.1	8.8	120.0	204.9	60	2	2.2	60	2	.0	.63	2.53
27	13243.1	8.8	120.0	48.8	62	5	.6	60	10	.0	.26	2.53
28	16517.1	11.0	120.0	94.7	60	34	1.9	60	34	.0	.35	1.29
29	8828.8	5.9	120.0	73.0	60	57	.4	59	10	.0	1.29	3.28
30	13243.1	8.8	120.0	264.5	60	30	2.5	60	31	.0	.82	3.03
31	12485.8	8.3	120.0	111.0	60	2	1.7	60	2	.0	.46	3.03
32	7118.0	4.7	120.0	181.8	62	43	1.2	60	19	.0	1.73	3.03
33	14904.7	9.9	120.0	134.5	60	34	2.1	60	31	.0	.60	1.29
34	11679.4	7.8	120.0	23.6	60	43	.9	60	28	.0	.18	1.27
35	11679.4	7.8	120.0	60.5	62	5	.8	60	14	.0	.31	3.03
36	11679.4	7.8	120.0	135.0	60	10	1.8	60	10	.0	.56	3.03
37	8828.8	5.9	120.0	127.7	60	18	1.5	60	18	.0	1.03	3.03
38	15916.3	10.6	120.0	154.8	60	17	2.3	60	16	.0	.67	1.29
39	4414.4	2.9	120.0	-254.3	69	55	-1.0	68	46	-.1	1.27	2.04
40	13243.1	8.8	120.0	9.5	60	53	.1	60	42	.0	.10	3.03
41	10446.3	7.0	120.0	267.3	60	40	2.2	60	21	.0	1.01	3.03
42	13534.2	9.0	120.0	226.2	60	23	2.4	60	18	.0	.76	3.03
43	8828.8	5.9	120.0	199.4	60	22	1.9	60	20	.0	1.12	1.29
44	8828.8	5.9	120.0	.0	0	0	.0	0	0	.0	-.38	1.21
45	4414.4	2.9	120.0	143.9	62	47	1.3	62	10	.0	1.10	1.21

CONDUIT NUMBER	DESIGN FLOW (CFS)	DESIGN VELOCITY (FPS)	CONDUIT VERTICAL DEPTH (IN)	MAXIMUM COMPUTED FLOW (CFS)	TIME OF OCCURENCE HR.	MIN.	MAXIMUM COMPUTED VELOCITY (FPS)	TIME OF OCCURENCE HR.	MIN.	RATIO OF MAX. TO DESIGN FLOW	MAXIMUM DEPTH ABOVE INVERT AT CONDUIT ENDS UPSTREAM (FT)	DOWNSTREAM (FT)
46	8828.8	5.9	120.0	159.8	62	7	1.5	60	23	.0	1.03	3.03
47	12485.8	8.3	120.0	165.1	60	13	2.0	60	14	.0	.56	3.03
48	14507.1	9.7	120.0	125.2	60	12	1.9	59	52	.0	.43	3.03
49	9870.9	6.6	120.0	292.8	60	19	2.3	60	13	.0	1.18	1.25
50	10258.1	6.8	120.0	132.2	60	14	1.6	60	14	.0	.55	1.25
51	15916.3	10.6	120.0	37.1	60	27	.7	59	51	.0	.19	3.03
52	16517.1	11.0	120.0	102.3	60	21	1.6	60	2	.0	.35	3.03
53	9870.9	6.6	120.0	118.6	60	8	1.5	60	9	.0	.53	3.03
54	3419.4	2.3	120.0	-53.1	62	26	.6	60	13	-.0	3.03	3.33
55	11679.4	7.8	120.0	245.4	60	30	2.3	60	20	.0	.89	1.25
56	4414.4	2.9	120.0	444.8	60	14	2.3	60	6	.1	2.04	1.25
57	17096.8	11.4	120.0	138.4	60	41	2.2	60	41	.0	.47	1.54
58	14098.4	9.4	120.0	302.4	60	28	2.7	60	21	.0	.93	1.25
59	11679.4	7.8	120.0	46.3	60	24	.7	60	20	.0	.27	1.25
60	4414.4	2.9	120.0	291.8	60	20	1.8	60	9	.1	1.58	1.25
61	13959.5	9.3	120.0	53.8	60	47	1.1	60	26	.0	.26	1.54
62	6242.9	4.2	120.0	143.2	60	36	1.4	60	20	.0	1.01	1.54
63	197.4	.1	120.0	114.4	64	60	.7	64	58	.6	1.54	1.54
64	7645.9	5.1	120.0	47.0	62	8	.8	60	27	.0	.35	1.54
65	6242.9	4.2	120.0	308.8	60	26	2.0	60	18	.0	1.46	1.25
66	7645.9	5.1	120.0	.0	0	0	.0	0	0	.0	-.21	1.21
67	6242.9	4.2	120.0	102.4	62	31	1.2	62	3	.0	.83	1.21
68	4414.4	2.9	120.0	-204.8	62	54	-1.0	62	1	-.0	1.54	2.09
69	197.4	.1	120.0	146.0	60	53	1.2	60	27	.7	1.54	1.54
71	197.4	.1	120.0	114.3	62	42	.8	61	58	.6	1.56	1.54
72	8828.8	5.9	120.0	321.9	60	16	2.4	60	13	.0	1.53	1.54
73	4414.4	2.9	120.0	71.5	63	37	.7	63	49	.0	1.04	1.53
74	10813.0	7.2	120.0	220.7	60	20	2.1	60	16	.0	.96	1.53
75	4414.4	2.9	120.0	43.0	68	8	.5	63	17	.0	1.04	1.53
76	8828.8	5.9	120.0	.0	0	0	.0	0	0	.0	-.46	1.53
77	14640.9	9.8	120.0	246.9	60	18	2.6	60	16	.0	.93	.91
78	197.4	.1	120.0	411.2	60	21	2.2	60	13	2.1	2.16	.91
79	12485.8	8.3	120.0	203.3	60	19	2.2	60	17	.0	.80	1.53
80	197.4	.1	120.0	434.0	60	14	2.2	60	10	2.2	2.24	.91
81	13243.1	8.8	120.0	10.0	62	27	.2	62	26	.0	.10	1.53
82	8828.8	5.9	120.0	194.7	60	23	1.9	60	19	.0	1.23	1.53
83	9870.9	6.6	120.0	179.9	60	13	1.9	60	12	.0	1.13	1.53
84	197.4	.1	120.0	216.7	62	6	1.5	60	58	1.1	1.57	1.53
85	14640.9	9.8	120.0	112.6	60	40	1.9	60	40	.0	.50	2.03
86	7645.9	5.1	120.0	142.3	60	36	1.5	60	28	.0	.85	.91
88	8828.8	5.9	120.0	264.7	60	45	2.1	60	22	.0	1.33	2.03
89	12485.8	8.3	120.0	181.4	60	40	2.1	60	19	.0	.88	2.03
90	4414.4	2.9	120.0	325.9	60	39	2.0	60	24	.1	1.74	.91
91	15291.9	10.2	120.0	16.5	60	24	.6	59	12	.0	.12	.91
92	9870.9	6.6	120.0	13.8	60	44	.3	60	33	.0	.14	.91
96	12485.8	8.3	120.0	50.7	60	20	.7	59	55	.0	.27	2.53
97	10813.0	7.2	120.0	255.5	60	13	2.2	60	12	.0	.91	2.53
98	15291.9	10.2	120.0	27.7	61	28	.6	61	3	.0	.17	1.29
99	7645.9	5.1	120.0	95.4	60	53	1.3	60	34	.0	.79	1.27
100	10813.0	7.2	120.0	118.7	62	7	1.0	60	9	.0	.49	2.53
101	9870.9	6.6	120.0	255.3	60	16	2.1	60	16	.0	.89	2.53
102	14640.9	9.8	120.0	148.3	60	14	1.8	59	48	.0	.47	2.53
103	9870.9	6.6	120.0	198.5	60	8	1.9	60	9	.0	.72	2.53
104	7645.9	5.1	120.0	471.5	60	19	2.5	60	8	.1	1.72	2.53
105	8375.7	5.6	120.0	96.9	61	41	1.3	61	39	.0	.57	1.27
106	10813.0	7.2	120.0	192.5	60	25	1.9	60	26	.0	.75	3.03
107	11679.4	7.8	120.0	374.8	60	18	2.8	60	12	.0	1.31	3.03
108	7118.0	4.7	120.0	127.5	62	15	1.4	60	47	.0	.89	1.27
109	9870.9	6.6	120.0	142.3	62	11	1.4	60	15	.0	.58	3.03
110	10813.0	7.2	120.0	324.0	60	20	2.5	60	13	.0	1.22	3.03
111	6242.9	4.2	120.0	203.4	64	8	1.5	61	18	.0	1.11	1.27
112	7645.9	5.1	120.0	110.4	62	1	1.3	61	37	.0	.68	1.27
113	10813.0	7.2	120.0	241.8	60	35	2.2	60	18	.0	.93	3.03
114	7645.9	5.1	120.0	166.2	62	25	1.5	61	43	.0	.91	1.27
115	8828.8	5.9	120.0	273.2	60	48	2.0	60	22	.0	1.10	3.03
116	7645.9	5.1	120.0	103.2	63	6	1.3	62	29	.0	.68	1.21
117	13959.5	9.3	120.0	135.4	59	59	2.0	59	59	.0	.46	3.03
118	9870.9	6.6	120.0	104.4	60	27	1.3	60	12	.0	.53	3.03
119	13243.1	8.8	120.0	266.2	60	39	2.5	60	20	.0	.86	3.03
120	7645.9	5.1	120.0	227.2	60	54	1.8	60	16	.0	1.53	3.03
121	9870.9	6.6	120.0	419.5	60	30	2.8	60	22	.0	1.70	1.54
122	10991.7	7.3	120.0	395.0	60	16	2.8	60	12	.0	1.38	3.03
123	9870.9	6.6	120.0	258.3	60	55	2.2	60	41	.0	1.17	1.54
124	6242.9	4.2	120.0	120.5	62	24	1.1	61	26	.0	.69	1.54
125	8828.8	5.9	120.0	506.2	60	17	2.9	60	14	.1	2.01	1.54

CONDUIT NUMBER	DESIGN FLOW (CFS)	DESIGN VELOCITY (FPS)	CONDUIT VERTICAL DEPTH (IN)	MAXIMUM COMPUTED FLOW (CFS)	TIME OF OCCURENCE HR.	MIN.	MAXIMUM COMPUTED VELOCITY (FPS)	TIME OF OCCURENCE HR.	MIN.	RATIO OF MAX. TO DESIGN FLOW	MAXIMUM INVERT AT UPSTREAM (FT)	DEPTH ABOVE CONDUIT ENDS DOWNSTREAM (FT)
126	8828.8	5.9	120.0	184.8	60	26	1.8	60	19	.0	.93	1.53
127	8828.8	5.9	120.0	234.4	60	22	2.0	60	16	.0	1.12	1.53
128	11679.4	7.8	120.0	244.4	60	23	2.7	55	54	.0	1.05	.91
129	4414.4	2.9	120.0	-323.7	60	13	-1.7	60	8	-.1	1.53	2.07
130	8828.8	5.9	120.0	205.0	61	36	1.8	60	45	.0	.94	1.53
131	13243.1	8.8	120.0	167.8	60	36	2.1	60	32	.0	.66	.91
132	11679.4	7.8	120.0	140.1	60	31	1.8	60	27	.0	.64	.91
133	7645.9	5.1	120.0	133.4	61	41	1.5	60	49	.0	.92	1.27
134	9870.9	6.6	120.0	179.6	61	27	1.8	60	51	.0	.85	1.54
135	11679.4	7.8	120.0	101.2	61	48	.7	61	14	.0	.43	2.53
136	8139.7	5.4	120.0	83.2	61	32	1.2	61	33	.0	.55	1.27
137	7645.9	5.1	120.0	175.1	62	10	1.6	61	1	.0	1.03	1.27
138	13959.5	9.3	120.0	118.6	62	5	1.9	59	53	.0	.43	3.03
139	8828.8	5.9	120.0	259.4	61	0	2.0	60	32	.0	1.03	3.03
140	11511.3	7.7	120.0	396.0	60	16	2.8	60	12	.0	1.35	3.03
141	11679.4	7.8	120.0	383.5	70	29	1.4	68	24	.0	.96	3.03
143	10813.0	7.2	120.0	28.3	75	47	.1	74	49	.0	.21	3.03
144	14640.9	9.8	120.0	.0	0	0	.0	0	0	.0	-2.43	.91
145	7645.9	5.1	120.0	64.5	63	47	.3	64	1	.0	1.04	2.53
146	7645.9	5.1	120.0	51.9	62	10	.3	62	10	.0	1.03	2.53
147	13243.1	8.8	120.0	243.9	60	6	2.4	60	6	.0	.70	2.53
148	6242.9	4.2	120.0	34.1	67	42	.3	67	42	.0	.33	1.29
149	9870.9	6.6	120.0	15.4	60	35	.2	60	30	.0	.15	2.53
150	15916.3	10.6	120.0	429.9	60	33	3.4	60	25	.0	1.12	1.25
151	7645.9	5.1	120.0	130.0	62	18	1.4	61	22	.0	.78	1.27
152	7645.9	5.1	120.0	215.4	63	46	.9	63	46	.0	1.52	3.03
153	8828.8	5.9	120.0	181.1	60	40	1.7	60	31	.0	1.01	3.03
154	11679.4	7.8	120.0	542.3	68	38	2.0	64	50	.0	1.18	3.03
155	9870.9	6.6	120.0	17.0	68	24	.1	68	24	.0	.53	3.03
156	4414.4	2.9	120.0	-321.2	84	6	-.9	96	0	-.1	2.45	3.03
157	7645.9	5.1	120.0	103.5	68	21	1.2	61	49	.0	.56	1.27
158	7645.9	5.1	120.0	128.7	62	17	1.4	61	24	.0	.77	1.27
159	4414.4	2.9	120.0	80.4	64	33	.9	62	13	.0	.78	1.21
162	10813.0	7.2	120.0	284.1	60	41	2.3	60	23	.0	1.02	3.03
163	197.4	.1	120.0	172.3	63	16	.6	62	27	.9	3.03	3.03
164	6242.9	4.2	120.0	140.8	74	57	1.0	64	14	.0	.76	1.54
165	8828.8	5.9	120.0	225.2	68	38	.9	68	38	.0	1.04	3.03
167	4414.4	2.9	120.0	-79.6	86	21	.7	60	43	-.0	.98	1.54
168	6242.9	4.2	120.0	238.3	62	20	1.7	61	44	.0	1.25	1.27
169	10813.0	7.2	120.0	28.6	62	9	.5	61	54	.0	.21	1.27
171	4414.4	2.9	120.0	62.5	68	11	.6	63	37	.0	1.05	1.53
174	10813.0	7.2	120.0	62.2	61	40	1.2	61	41	.0	.47	1.53
175	7645.9	5.1	120.0	339.9	62	6	2.2	60	45	.0	1.49	2.03
176	11679.4	7.8	120.0	195.4	60	42	2.1	60	24	.0	.94	2.03
178	4414.4	2.9	120.0	95.7	62	11	.9	60	42	.0	.75	.91
179	9870.9	6.6	120.0	154.8	60	53	1.7	60	37	.0	.85	2.03
180	7645.9	5.1	120.0	143.8	60	38	1.5	60	28	.0	.85	.91
181	197.4	.1	120.0	114.7	69	21	.6	66	46	.6	1.38	1.27
182	4414.4	2.9	120.0	130.8	62	42	1.2	62	6	.0	1.05	1.21
183	13959.5	9.3	120.0	42.2	59	50	1.2	59	50	.0	.24	.91
184	3948.4	2.6	120.0	133.3	62	42	1.2	62	7	.0	1.09	1.21
185	13959.5	9.3	120.0	37.5	60	1	.7	59	48	.0	.21	2.53
186	197.4	.1	120.0	88.9	62	37	.7	61	17	.5	1.32	1.29
187	4414.4	2.9	120.0	47.6	64	20	.6	62	20	.0	.71	1.21
188	11679.4	7.8	120.0	230.3	70	36	.9	68	13	.0	.70	3.03
190	197.4	.1	120.0	49.3	62	42	.5	62	15	.2	1.53	1.53
191	197.4	.1	120.0	-54.1	82	57	.5	62	14	-.3	1.52	1.53
193	4414.4	2.9	120.0	50.4	62	53	.5	62	1	.0	1.53	2.03
194	4414.4	2.9	120.0	24.9	67	28	.2	61	54	.0	1.53	2.03
195	7645.9	5.1	120.0	-483.6	79	52	-1.7	86	34	-.1	.95	3.03
196	10813.0	7.2	120.0	83.4	74	37	.3	73	42	.0	.40	3.03
197	10813.0	7.2	120.0	87.7	74	43	.3	73	49	.0	.41	3.03
198	9870.9	6.6	120.0	-196.6	79	10	-.8	79	10	-.0	-.35	3.03
199	4414.4	2.9	120.0	11.5	72	4	.2	64	34	.0	1.03	1.53
200	7645.9	5.1	120.0	.0	0	0	.0	0	0	.0	-.55	.91
201	9870.9	6.6	120.0	15.0	60	31	.2	60	29	.0	.15	2.53
202	10813.0	7.2	120.0	.0	0	0	.0	0	0	.0	-2.71	1.25
203	9870.9	6.6	120.0	-156.0	83	58	-.6	88	17	-.0	.43	3.03
204	8828.8	5.9	120.0	-341.4	79	41	-1.2	84	4	-.0	.64	3.03
205	7645.9	5.1	120.0	9.3	77	54	.1	77	51	.0	.13	1.54
250	43161.7	4.3	120.0	-358.2	61	23	-.3	60	40	.0	2.03	3.03
251	13649.0	1.4	120.0	118.7	60	43	.3	60	35	.0	2.03	2.13
252	13649.0	1.4	120.0	-247.6	63	1	-.4	62	10	-.0	1.53	1.63
253	13649.0	1.4	120.0	-523.3	62	21	-.8	61	41	-.0	1.53	1.62
254	13648.8	1.4	120.0	-313.8	63	38	.4	60	27	-.0	1.53	1.63

CONDUIT NUMBER	DESIGN FLOW (CFS)	DESIGN VELOCITY (FPS)	VERTICAL DEPTH (IN)	COMPUTED FLOW (CFS)	TIME OF OCCURENCE HR.	MIN.	COMPUTED VELOCITY (FPS)	TIME OF OCCURENCE HR.	MIN.	RATIO OF MAX. TO DESIGN FLOW	MAXIMUM DEPTH ABOVE INVERT AT UPSTREAM (FT)	CONDUIT ENDS DOWNSTREAM (FT)
255	13649.0	1.4	120.0	195.1	60	43	.5	60	32	.0	1.53	1.63
256	13649.0	1.4	120.0	-493.4	64	2	-.5	61	39	-.0	1.54	1.64
257	13649.0	1.4	120.0	-496.2	64	7	-.5	61	47	-.0	1.54	1.64
258	13649.0	1.4	120.0	216.2	60	18	.4	60	10	.0	3.03	3.13
259	13649.0	1.4	120.0	502.3	96	0	.4	60	4	.0	3.03	3.13
260	13649.0	1.4	120.0	-409.4	63	1	-.5	59	56	-.0	2.53	2.63
261	13649.0	1.4	120.0	-391.0	64	44	.3	59	40	-.0	2.53	2.64
262	52862.1	5.3	120.0	880.1	61	32	1.0	60	29	.0	.91	2.40
263	70921.9	7.1	120.0	956.2	63	59	1.8	64	0	.0	.91	.16
265	30519.9	3.1	120.0	1397.8	62	11	1.4	61	54	.0	1.25	1.60
266	61039.9	6.1	120.0	488.4	60	57	.4	59	10	.0	1.29	3.28
267	30519.9	3.1	120.0	-523.0	60	33	-.7	60	15	-.0	1.29	1.79
268	52862.1	5.3	120.0	1365.1	70	21	.7	70	12	.0	1.27	2.70
269	30519.9	3.1	120.0	472.4	70	43	.6	61	27	.0	1.27	1.75
270	13648.8	1.4	120.0	-327.8	62	26	.5	60	15	-.0	3.03	3.13
271	30519.9	3.1	120.0	1027.0	83	21	.7	60	12	.0	3.03	3.52
272	13649.0	1.4	120.0	433.0	71	16	.4	80	23	.0	1.21	1.27
300	6858.9	.1	120.0	864.3	63	32	.4	63	7	.1	1.53	1.53
301	6858.9	.1	120.0	879.2	63	26	.4	62	58	.1	1.53	1.53
302	6858.9	.1	120.0	1653.5	63	9	.7	62	33	.2	1.53	1.53
303	6858.9	.1	120.0	3057.3	63	54	.9	63	11	.4	1.53	1.53
304	6858.9	.1	120.0	1303.7	64	9	.4	63	42	.2	1.53	1.53
305	6858.9	.1	120.0	3068.7	63	47	.9	63	8	.4	1.53	1.53
306	6858.9	.1	120.0	-894.1	96	0	.3	63	59	-.1	1.53	1.53
400	.2	.1	34.8	.0	0	0	.0	0	0	.0	.00	3.25
401	.1	.1	14.4	.0	0	0	.0	0	0	.0	.00	1.94
402	.1	.1	30.0	.0	0	0	.0	0	0	.0	.00	3.05
403	.2	.1	32.4	.0	0	0	.0	0	0	.0	.00	3.05
404	.0	.0	2.4	.0	0	0	.0	0	0	.0	.00	1.02
405	.1	.0	16.8	.0	0	0	.0	0	0	.0	.00	1.58
406	.1	.1	19.2	.0	0	0	.0	0	0	.0	.00	1.70
407	.1	.0	16.8	.0	0	0	.0	0	0	.0	.00	1.02
408	.1	.1	15.6	.0	0	0	.0	0	0	.0	.00	1.86
409	.0	.0	7.2	.0	0	0	.0	0	0	.0	.00	1.15
410	.1	.0	18.0	.0	0	0	.0	0	0	.0	.00	1.85
411	.2	.1	42.0	.0	0	0	.0	0	0	.0	.00	3.97
412	.1	.0	14.4	.0	0	0	.0	0	0	.0	.00	1.46
414	.1	.1	28.8	.0	0	0	.0	0	0	.0	.00	2.19
415	.1	.1	14.4	.0	0	0	.0	0	0	.0	.00	2.74
416	.1	.0	14.4	.0	0	0	.0	0	0	.0	.00	2.00
417	.0	.0	2.4	.0	0	0	.0	0	0	.0	.00	1.08
418	.1	.1	19.2	.0	0	0	.0	0	0	.0	.00	1.74
419	.3	.1	51.6	.0	0	0	.0	0	0	.0	.00	4.47
420	.1	.1	27.6	.0	0	0	.0	0	0	.0	.00	2.87
421	.1	.1	22.8	.0	0	0	.0	0	0	.0	.00	2.58
422	.1	.1	19.2	.0	0	0	.0	0	0	.0	.00	2.53
423	.3	.1	40.8	.0	0	0	.0	0	0	.0	.00	3.93
424	.1	.1	15.6	.0	0	0	.0	0	0	.0	.00	2.83
425	.2	.1	26.4	.0	0	0	.0	0	0	.0	.00	3.58
426	.1	.1	24.0	.0	0	0	.0	0	0	.0	.00	3.05
427	.2	.1	34.8	.0	0	0	.0	0	0	.0	.00	3.56
428	.3	.1	48.0	.0	0	0	.0	0	0	.0	.00	4.43
429	.1	.1	18.0	.0	0	0	.0	0	0	.0	.00	2.05
430	.1	.1	15.6	.0	0	0	.0	0	0	.0	.00	1.73
431	.1	.1	26.4	.0	0	0	.0	0	0	.0	.00	3.55
432	.1	.1	18.0	.0	0	0	.0	0	0	.0	.00	2.88
434	.0	.0	4.8	.0	0	0	.0	0	0	.0	.00	1.72
435	.0	.0	10.8	.0	0	0	.0	0	0	.0	.00	.97
436	.0	.0	4.8	.0	0	0	.0	0	0	.0	.00	1.11
437	.0	.0	4.8	.0	0	0	.0	0	0	.0	.00	-1.88
438	.1	.1	18.0	.0	0	0	.0	0	0	.0	.00	3.00
439	.0	.0	8.4	.0	0	0	.0	0	0	.0	.00	-3.14
440	.0	.0	1.2	.0	0	0	.0	0	0	.0	.00	.51
441	.0	.0	6.0	.0	0	0	.0	0	0	.0	.00	-.45
442	.1	.1	20.4	.0	0	0	.0	0	0	.0	.00	1.24
443	.0	.0	7.2	.0	0	0	.0	0	0	.0	.00	-3.07
444	.1	.1	21.6	.0	0	0	.0	0	0	.0	.00	3.40
445	.0	.1	6.0	.0	0	0	.0	0	0	.0	.00	-2.24
446	.0	.0	3.6	.0	0	0	.0	0	0	.0	.00	.69
447	.0	.0	4.8	.0	0	0	.0	0	0	.0	.00	1.79
448	.0	.0	2.4	.0	0	0	.0	0	0	.0	.00	1.08
449	.0	.0	7.2	.0	0	0	.0	0	0	.0	.00	.74
450	.1	.1	19.2	.0	0	0	.0	0	0	.0	.00	-3.40
451	.0	.0	3.6	.0	0	0	.0	0	0	.0	.00	-.20
500	*******	11.8	120.0	.0	0	0	.0	0	0	.0	-2.74	.87

CONDUIT NUMBER	DESIGN FLOW (CFS)	DESIGN VELOCITY (FPS)	CONDUIT VERTICAL DEPTH (IN)	MAXIMUM COMPUTED FLOW (CFS)	TIME OF OCCURENCE HR.	MIN.	MAXIMUM COMPUTED VELOCITY (FPS)	TIME OF OCCURENCE HR.	MIN.	RATIO OF MAX. TO DESIGN FLOW	MAXIMUM DEPTH ABOVE INVERT AT CONDUIT ENDS UPSTREAM (FT)	DOWNSTREAM (FT)
501	80748.2	8.1	120.0	1838.2	62	58	2.4	62	59	.0	.87	.67
502	74758.3	7.5	120.0	813.0	62	45	1.4	62	44	.0	.50	.67
503	91559.8	9.2	120.0	.0	0	0	.0	0	0	.0	-.10	-2.74
504	*******	10.8	120.0	177.7	63	58	.7	63	26	.0	.16	.50
1000	2316.4	3.8	1377.6	2833.4	62	38	4.6	61	42	1.2	15.42	14.96
1001	3383.1	3.3	1200.0	3663.7	64	37	4.6	64	37	1.1	9.00	4.50
1002	81.9	.1	1302.0	3531.4	64	7	8.1	63	8	43.1	14.96	9.00
1004	942.0	2.0	1458.0	-406.7	59	59	-.9	59	57	-.4	10.04	10.24
1015	1017.7	3.1	1458.0	345.7	59	56	1.0	59	55	.3	8.44	10.24
1029	618.5	2.2	1434.0	294.5	59	51	.9	59	52	.5	8.34	10.04
1036	528.9	2.0	1434.0	212.6	60	24	.7	60	23	.4	7.64	8.54
1039	776.6	2.6	1434.0	295.0	61	39	.8	61	38	.4	6.84	8.24
1042	266.5	.8	1446.0	182.8	59	58	.6	59	58	.7	9.44	9.53
1046	653.5	2.5	1452.0	228.0	60	5	.9	60	4	.3	7.63	8.98
1050	1048.5	3.1	1448.4	386.4	63	51	1.1	63	55	.4	7.58	9.29
1058	577.6	1.6	1459.2	477.3	63	41	1.3	63	45	.8	9.49	9.64
1062	241.4	1.0	1467.6	655.8	59	33	3.0	59	34	2.7	9.02	8.94
1066	679.1	2.4	1434.0	787.9	60	15	2.1	60	7	1.2	8.07	9.82
1070	390.1	1.9	1441.2	569.4	60	13	2.2	60	5	1.5	7.99	8.07
1074	198.4	1.1	1448.4	509.9	60	1	2.2	59	14	2.6	8.78	8.29
1078	114.0	.8	1458.0	-167.0	59	15	-1.0	59	16	-1.5	9.58	9.89
1082	5.7	.1	1452.0	-22.4	58	38	-.3	54	50	-3.9	8.19	7.73
1100	1119.1	.1	1200.0	4710.5	62	56	.9	62	57	4.2	5.17	5.00
1103	12.2	.1	1466.4	10.3	62	40	.1	62	22	.8	5.26	9.54
1200	2785.2	3.4	1392.0	3843.3	64	13	5.3	64	7	1.4	14.66	13.39
1214	21.0	.3	1465.2	32.1	60	4	.3	58	60	1.5	4.71	7.44
1216	28.4	.3	1444.8	29.5	60	13	.2	59	35	1.0	5.95	9.14
1217	91.0	.8	1446.0	109.4	60	46	.5	59	22	1.2	5.48	12.15
1328	10.8	.1	1434.0	-33.1	59	34	-.3	57	45	-3.1	8.04	8.24
1331	40.6	.3	1458.0	59.3	60	6	.3	63	32	1.5	8.12	8.51
1435	5.7	.1	1464.0	-6.3	61	54	.1	59	44	-1.1	6.64	6.97
1437	14.6	.2	1460.4	26.5	60	11	.3	59	15	1.8	5.53	6.04
1538	16.5	.1	1440.0	13.9	59	52	.1	59	32	.8	9.24	9.65
1540	44.7	.3	1458.0	52.4	60	3	.3	60	1	1.2	6.26	6.83
1641	26.9	.2	1473.6	8.6	63	59	.1	59	59	.3	5.24	7.44
1643	23.8	.3	1458.0	30.2	59	60	.3	59	41	1.3	5.23	6.12
1745	14.4	.2	1447.2	-10.3	63	55	-.1	63	57	-.7	6.53	9.43
1747	3.6	.1	1428.0	13.9	60	6	.1	60	2	3.8	6.10	4.97
1849	6.1	.1	1476.0	-5.4	63	48	-.0	63	51	-.9	6.03	6.98
1851	47.5	.2	1458.0	57.6	63	2	.2	64	57	1.2	6.50	6.74
1953	10.3	.1	1486.8	-8.7	87	3	-.1	96	0	-.8	5.39	6.03
1955	13.4	.2	1495.2	22.2	60	19	.3	59	19	1.7	5.23	5.39
2006	287.1	1.4	1440.0	-193.7	59	26	-.9	59	26	-.7	8.04	8.44
2014	314.0	1.4	1428.0	202.7	59	12	.9	59	13	.6	7.64	8.24
2021	821.7	2.9	1428.0	269.8	59	17	.9	59	15	.3	7.84	9.63
2029	1156.9	3.9	1434.0	516.4	62	33	1.1	59	41	.4	8.03	11.42
2037	1399.6	3.4	1434.0	595.5	60	19	1.4	59	25	.4	9.62	11.20
2046	870.4	3.1	1450.8	-868.9	60	19	-2.6	60	20	-1.0	8.75	9.80
2060	1212.2	3.5	1416.0	-686.6	96	0	-1.3	96	0	-.6	9.75	11.03
2074	955.9	3.1	1416.0	-181.2	36	25	-.7	36	26	-.2	8.23	10.23
2086	841.8	2.7	1412.4	420.1	61	58	.9	61	56	.5	9.03	10.43
2097	218.7	.7	1423.2	424.6	59	52	1.5	36	22	1.9	9.43	9.52
2107	17.3	.1	1453.2	20.0	59	53	.1	63	18	1.2	5.13	6.78
2296	14.5	.1	1434.0	13.4	63	45	.1	63	59	.9	5.03	6.53
2298	5.9	.1	1456.8	-12.5	60	4	-.1	60	7	-2.1	3.39	6.25
2385	13.3	.1	1452.0	-21.1	66	44	.2	59	20	-1.6	5.03	5.81
2387	25.3	.3	1464.0	-56.0	60	9	-.2	60	8	-2.2	5.03	10.56
2388	4.6	.1	1522.8	6.1	60	12	.1	58	18	1.3	4.23	5.66
2473	52.9	.4	1440.0	65.6	61	17	.4	61	30	1.2	6.00	6.40
2475	25.1	.2	1444.8	36.6	60	8	.3	59	21	1.5	5.21	7.83
2477	18.0	.2	1485.6	22.9	59	33	.2	56	41	1.3	5.06	6.42
2559	24.6	.4	1452.0	17.0	67	29	.2	70	26	.7	5.26	7.53
2561	29.6	.4	1454.4	38.6	60	8	.5	59	8	1.3	5.83	7.83
2563	67.2	.5	1448.4	91.2	60	5	.6	59	22	1.4	4.17	7.45
2645	70.4	.6	1446.0	59.6	60	15	.4	59	35	.8	4.81	6.58
2647	3.6	.0	1489.2	2.9	61	44	.0	54	15	.8	6.43	6.83
2649	33.8	.3	1452.0	-14.8	59	35	-.2	59	29	-.4	3.86	6.72
2736	17.9	.4	1452.0	20.0	59	24	.3	57	32	1.1	3.46	5.85
2738	37.1	.4	1486.8	58.2	59	40	.7	59	15	1.6	6.63	7.02
2828	67.4	.5	1452.0	68.4	62	4	.5	60	57	1.0	6.26	6.82
2830	14.6	.1	1453.2	37.1	60	21	.2	60	2	2.5	7.15	7.53
2832	40.4	.5	1440.0	83.6	60	25	.6	62	8	2.1	6.65	6.32
2921	4.8	.0	1486.8	-31.4	60	20	-.2	60	2	-6.6	6.64	6.85
2991	20.1	.2	1458.0	-19.5	59	53	-.3	59	30	-1.0	5.60	6.29
3005	114.6	1.5	1476.0	-46.9	58	18	-.6	58	18	-.4	5.21	6.20

CONDUIT NUMBER	DESIGN FLOW (CFS)	DESIGN VELOCITY (FPS)	VERTICAL DEPTH (IN)	COMPUTED FLOW (CFS)	TIME OF OCCURENCE HR.	MIN.	COMPUTED VELOCITY (FPS)	TIME OF OCCURENCE HR.	MIN.	RATIO OF MAX. TO DESIGN FLOW	MAXIMUM INVERT AT UPSTREAM (FT)	DEPTH ABOVE CONDUIT ENDS DOWNSTREAM (FT)
3012	302.0	1.6	1479.6	-94.5	60	2	-.4	60	3	-.3	6.20	7.04
3020	31.7	.2	1476.0	-30.5	60	3	-.2	58	16	-1.0	7.03	7.34
3027	78.3	.6	1470.0	57.3	59	22	.4	58	5	.7	6.83	8.12
3035	3.3	.0	1479.6	202.5	59	59	2.0	58	31	60.6	6.02	5.38
3044	98.5	.7	1460.4	-360.1	70	56	2.1	59	14	-3.7	7.18	7.85
3058	641.6	2.9	1465.2	436.5	60	12	2.1	59	25	.7	8.05	9.60
3072	48.9	.1	1458.0	2076.6	70	23	2.9	70	23	42.5	11.20	10.46
3083	2036.9	4.2	288.0	-1693.6	70	29	-4.8	36	7	-.8	10.40	10.87
3084	1243.9	2.2	1452.0	1626.8	68	36	2.6	67	60	1.3	10.40	10.21
3182	3.0	.1	1476.0	2.5	70	50	-.1	57	17	.8	4.24	6.73
3256	64.2	.5	1482.0	40.2	96	0	.3	96	0	.6	6.47	7.88
3257	20.5	.1	1482.0	34.2	59	22	.1	59	23	1.7	9.27	9.26
3343	51.3	.6	1479.6	62.6	62	28	.6	62	55	1.2	5.68	5.99
3434	15.8	.2	1498.8	21.1	60	57	.2	61	1	1.3	5.48	5.72
3526	30.7	.3	1484.4	92.7	60	24	.6	60	27	3.0	7.75	6.33
3619	26.3	.2	1482.0	-31.5	60	8	-.2	60	7	-1.2	5.94	6.29
3711	25.8	.3	1482.0	27.5	62	10	.3	77	2	1.1	4.36	5.70
4067	157.4	.6	1482.0	356.7	62	1	1.2	62	1	2.3	9.27	9.08
4068	930.8	3.1	1482.0	567.9	61	32	1.5	61	12	.6	8.68	10.21
4069	247.2	1.2	1477.2	666.8	61	4	2.9	60	47	2.7	9.81	9.87
4070	390.8	1.6	1476.0	-706.3	71	15	-1.6	60	8	-1.8	8.14	9.97
4071	799.8	2.7	1464.0	598.9	60	32	1.6	60	21	.7	8.94	10.38
4081	124.5	.6	1507.2	112.3	96	0	.6	96	0	.9	8.10	8.17
4303	47.7	.3	1485.6	-66.9	63	40	-.3	63	46	-1.4	6.53	7.27
4357	78.6	1.4	1506.0	46.1	58	42	.5	58	42	.6	3.48	7.27
4402	35.1	.4	1484.4	-55.3	63	10	-.5	63	15	-1.6	5.54	6.05
4456	124.8	.5	1485.6	133.2	59	48	.6	59	26	1.1	9.26	9.91
4482	157.8	.7	1476.0	48.1	62	15	.2	62	11	.3	6.74	9.97
4492	4.7	.1	294.0	16.2	59	43	.3	58	38	3.4	7.09	6.74
4501	66.5	.5	1482.0	-49.5	61	52	-.3	61	55	-.7	7.28	7.92
4625	48.6	.7	1494.0	20.6	63	29	.2	63	34	.4	3.21	6.78
4680	100.8	.6	1482.0	58.1	62	31	.4	43	34	.6	8.02	8.10
4724	42.0	.3	1482.0	-46.7	70	44	-.2	71	2	-1.1	6.25	7.55
5000	29.8	.5	1442.4	-125.6	60	0	-.8	60	1	-4.2	5.44	8.24
5008	399.3	1.5	1422.0	316.5	60	37	1.0	60	55	.8	9.87	12.76
5021	343.9	1.0	1405.2	457.7	60	8	1.2	59	44	1.3	12.76	14.70
5031	584.2	2.0	1356.0	1356.4	63	45	3.6	64	4	2.3	14.80	11.29
5032	987.1	3.7	1395.6	1384.6	63	27	6.1	63	24	1.4	11.29	8.96
5078	319.0	.7	1459.2	398.4	60	15	.7	59	42	1.2	9.52	12.87
5089	9.8	.1	1460.4	19.5	58	60	.2	58	21	2.0	7.78	7.75
5090	26.2	.1	1437.6	101.7	62	12	.4	59	20	3.9	9.25	8.72
5099	116.6	1.1	1456.8	111.7	60	0	.8	89	39	1.0	7.64	9.47
5207	8.5	.1	1501.2	12.6	60	1	.2	58	43	1.5	5.53	5.77
5209	20.1	.2	1466.4	-68.1	60	29	-.3	60	38	-3.4	4.98	8.67
5398	8.8	.4	1456.8	15.8	59	36	.3	96	0	1.8	3.39	7.04
5488	20.0	.2	1452.0	24.1	60	12	.2	75	46	1.2	4.43	7.18
5577	4.6	.1	276.0	7.4	59	56	.1	59	43	1.6	5.06	3.68
5663	21.0	.3	1545.6	29.5	60	10	.4	60	10	1.4	4.17	5.67
5840	9.0	.1	1458.0	9.3	66	6	.1	73	36	1.0	4.30	5.81
7068	1275.2	3.6	1440.0	720.2	60	24	2.2	60	3	.6	6.53	11.10
7072	241.0	.8	234.0	501.9	60	15	2.2	60	4	2.1	7.35	7.03
7076	368.0	1.7	1428.0	271.9	60	18	1.1	59	22	.7	6.45	7.95
7080	68.0	.4	1428.0	-177.1	60	1	-.8	58	56	-2.6	6.95	8.45
7084	164.7	1.0	1428.0	-68.0	73	2	-.5	81	58	-.4	7.55	7.85
7086	9.9	.1	1428.0	28.6	84	58	.3	88	45	2.9	7.64	7.85
7088	61.7	.4	1416.0	55.2	63	5	.3	63	23	.9	6.74	7.74
7267	42.1	.5	1452.0	51.9	60	43	.4	60	56	1.2	3.77	5.74
7371	11.6	.2	1476.0	18.7	60	17	.3	60	3	1.6	4.84	3.07
7475	5.0	.1	1494.0	-51.4	60	8	-.8	60	9	-10.2	3.04	5.40
7579	21.5	2.1	1452.0	46.8	60	11	1.1	60	9	2.2	3.35	6.45
7683	40.7	.9	1467.6	64.9	60	4	.9	60	1	1.6	6.18	6.43
7785	191.3	2.1	1440.0	76.2	60	20	.6	60	20	.4	1.74	5.74
7887	4.5	.1	1477.2	4.9	60	24	.1	58	57	1.1	2.62	3.64
8044	49.3	.3	1410.0	66.5	84	60	.4	95	32	1.3	8.86	9.94
8048	119.5	.6	1392.0	212.8	60	7	.8	59	9	1.8	8.54	10.00
8052	490.4	2.7	237.6	709.7	67	13	2.2	73	9	1.4	9.70	13.62
8251	42.7	.6	1464.0	44.6	62	27	.5	63	14	1.0	4.30	6.76
8347	20.8	.1	1434.0	27.8	60	7	.1	59	49	1.3	6.70	7.94
8443	19.2	.3	1452.0	27.2	60	2	.3	59	56	1.4	5.13	7.05
11061	20.2	.2	1459.2	-25.9	60	33	-.2	59	34	-1.3	7.23	7.72
11063	38.2	.4	1453.2	65.7	60	8	.4	59	6	1.7	4.13	8.22
11165	12.8	.1	1434.0	-20.0	60	30	-.1	59	47	-1.6	7.73	8.67
11167	120.0	1.9	1441.2	145.3	60	31	1.3	60	15	1.2	4.57	8.07
11269	10.4	.1	1446.0	-36.4	60	15	-.2	59	58	-3.5	7.03	8.49
11271	61.1	.4	1458.0	80.5	59	56	.5	58	48	1.3	5.94	7.49

CONDUIT NUMBER	DESIGN FLOW (CFS)	DESIGN VELOCITY (FPS)	CONDUIT VERTICAL DEPTH (IN)	MAXIMUM COMPUTED FLOW (CFS)	TIME OF OCCURENCE HR.	MIN.	MAXIMUM COMPUTED VELOCITY (FPS)	TIME OF OCCURENCE HR.	MIN.	RATIO OF MAX. TO DESIGN FLOW	MAXIMUM DEPTH ABOVE INVERT AT CONDUIT ENDS UPSTREAM (FT)	DOWNSTREAM (FT)
11373	19.9	.2	1432.8	51.1	60	14	.3	59	7	2.6	8.08	8.23
11375	53.6	.8	1471.2	64.7	60	8	.7	58	58	1.2	5.40	7.98
11477	23.2	.3	1470.0	105.0	59	12	1.2	59	12	4.5	6.49	5.23
11479	22.0	1.0	1482.0	-39.7	60	21	.6	58	26	-1.8	3.35	7.89
11581	9.4	.1	1446.0	17.8	60	11	.2	59	6	1.9	6.23	6.63
13901	40.6	.3	1440.0	76.7	60	10	.5	59	19	1.9	8.51	8.04
15902	54.2	.4	1466.4	79.3	60	5	.5	58	60	1.5	6.83	7.04
16903	30.4	.3	1491.6	45.8	60	5	.4	59	3	1.5	6.12	6.64
17904	3.6	.1	1476.0	8.8	59	42	.1	59	1	2.4	4.97	7.03
18905	46.4	.2	1473.6	64.1	60	14	.3	59	27	1.4	6.74	7.18
21008	12.2	.1	1426.8	36.8	59	56	.3	59	56	3.0	7.43	7.64
21013	6.5	.1	1458.0	18.0	62	3	.2	68	4	2.8	6.65	5.31
21016	68.1	.6	1458.0	91.1	59	37	.6	58	53	1.3	7.05	8.24
21808	66.7	.7	1458.0	-75.8	60	15	-.5	60	11	-1.1	6.53	8.24
21906	10.0	.1	1453.2	34.6	60	13	.2	59	20	3.5	6.78	7.02
21937	2.2	.1	1458.0	10.3	59	57	.2	59	1	4.6	5.31	5.04
22907	15.7	.1	1441.2	27.4	60	3	.2	58	47	1.7	6.53	8.03
22908	13.1	.2	1453.2	33.0	60	12	.3	59	22	2.5	6.25	7.03
23084	39.0	.2	1472.4	-42.5	69	52	-.1	69	41	-1.1	5.81	9.20
23909	17.9	.2	1452.0	27.6	60	16	.2	59	15	1.5	5.03	7.03
24910	51.0	.4	1440.0	80.2	60	7	.6	59	10	1.6	6.40	8.23
25911	41.0	.4	1440.0	68.5	60	3	.6	58	58	1.7	7.53	9.03
26912	118.6	.7	1460.4	133.8	60	19	.7	59	32	1.1	6.58	9.00
26913	33.8	.3	1476.0	49.9	59	49	.4	58	51	1.5	6.72	7.93
29818	37.3	.4	1452.0	84.9	60	17	.7	60	28	2.3	5.97	4.89
29914	48.3	.5	1472.4	63.0	59	55	.6	58	51	1.3	5.85	8.22
29915	69.6	.5	1444.8	92.6	59	40	.7	59	40	1.3	6.82	8.23
29916	39.7	.5	1468.8	61.1	59	21	.5	55	39	1.5	6.32	7.95
29917	55.6	.4	1440.0	81.9	60	25	.5	59	41	1.5	6.29	7.24
29918	155.2	1.2	1488.0	-64.4	60	4	-.3	60	4	-.4	5.97	11.62
31919	39.6	.4	1496.4	47.9	60	10	.5	58	56	1.2	6.46	7.20
32920	55.5	.4	1458.0	106.0	60	32	.7	60	17	1.9	7.88	8.05
33921	51.3	.6	1468.8	73.3	60	27	.7	60	20	1.4	5.99	6.28
36912	57.8	.8	1468.8	83.2	59	29	.6	59	13	1.4	4.89	8.35
36922	80.2	.7	1476.0	76.2	60	19	.5	60	20	1.0	6.29	7.34
40923	682.1	1.7	1446.0	711.9	60	39	1.7	60	26	1.0	10.38	11.20
43924	67.5	.5	1485.6	-43.7	59	9	-.3	58	36	-.6	5.88	7.27
44925	34.9	.3	1476.0	50.1	59	19	.4	59	19	1.4	6.05	6.11
44926	42.7	.4	1516.8	68.6	58	50	.8	58	48	1.6	6.11	6.36
45101	141.1	1.0	1480.8	113.2	62	10	.7	62	14	.8	4.25	5.79
45927	38.7	.2	1482.0	53.9	58	43	.3	58	43	1.4	8.13	8.31
45928	41.9	.2	1489.2	79.3	59	20	.5	59	9	1.9	8.31	8.48
45929	141.1	1.0	1486.8	91.5	61	4	.4	59	43	.6	5.79	8.68
46930	120.4	.8	1482.0	95.0	61	42	.5	61	18	.8	6.78	8.10
47931	67.4	.3	1500.0	-31.4	65	19	.2	58	19	-.5	7.55	8.62
55077	12.7	.2	1435.2	5.6	71	17	.1	54	49	.4	3.68	8.92
58932	11.0	.1	1498.8	19.3	59	47	.2	58	48	1.7	5.81	5.51
70933	3269.2	4.4	216.0	838.5	60	32	1.4	60	8	.3	11.10	15.42
71039	404.5	1.4	1484.4	-152.6	61	51	.5	59	8	-.4	6.84	7.24
71217	3.3	.0	1452.0	-14.5	62	7	-.1	62	7	-4.4	5.48	5.95
71331	278.5	1.2	276.0	361.9	60	7	1.2	59	27	1.3	8.12	12.43
72006	529.8	2.2	1410.0	-1220.4	84	25	-3.2	96	0	-2.3	9.64	10.62
72074	399.9	1.2	1416.0	348.0	62	44	.7	62	44	.9	9.63	10.03
72385	42.2	.3	1446.0	-32.0	60	29	-.2	60	29	-.8	5.63	8.13
72475	19.8	.3	1485.6	17.2	57	50	.2	57	50	.9	4.81	6.42
72561	29.6	.2	1444.8	36.2	60	0	.3	58	54	1.2	6.03	7.75
72647	30.5	.3	1478.4	23.8	61	19	.2	61	19	.8	5.03	7.50
72738	96.4	.8	1468.8	-127.6	60	27	-.7	60	25	-1.3	6.53	8.01
72934	91.4	.6	253.2	110.0	60	17	.7	59	48	1.2	5.74	5.43
72938	10.5	.1	1437.6	88.1	60	7	.4	59	20	8.4	8.13	8.23
73172	42.9	.3	1452.0	15.6	62	58	2.1	42	14	.4	3.07	5.95
74176	11.5	.4	1440.0	13.4	59	37	.4	58	40	1.2	3.04	4.95
75089	66.1	.5	1416.0	95.1	60	4	.5	60	6	1.4	8.18	8.54
77683	10.8	.2	1468.8	31.9	60	7	.3	59	52	3.0	6.28	4.45
81005	1486.6	4.7	1440.0	1310.2	61	43	3.7	60	13	.9	10.44	12.74
81010	1319.8	2.1	1459.2	2346.0	83	25	3.9	36	14	1.8	11.24	11.05
81011	1688.9	1.6	246.0	2666.1	80	17	3.7	36	9	1.6	12.15	11.97
81018	1004.6	1.3	1260.0	4426.3	63	32	4.0	63	36	4.4	12.76	9.37
81019	1749.9	1.5	276.0	2669.8	80	39	4.4	36	8	1.5	12.83	12.43
81022	2470.2	2.3	1458.0	2789.6	78	1	3.4	80	41	1.1	12.33	11.39
81030	5922.0	5.2	1404.0	2827.2	76	52	3.0	78	30	.5	12.39	14.30
81034	1845.1	4.2	1218.0	2061.3	62	44	4.1	62	41	1.1	8.80	9.37
81096	1478.8	2.6	1440.0	1425.6	62	51	2.3	62	44	1.0	10.21	10.64
82057	214.1	.5	1448.4	390.9	88	15	.8	39	17	1.8	10.62	10.54
82058	1113.6	2.4	246.0	1247.0	82	24	2.4	85	41	1.1	11.24	12.04

CONDUIT NUMBER	DESIGN FLOW (CFS)	DESIGN VELOCITY (FPS)	CONDUIT VERTICAL DEPTH (IN)	MAXIMUM COMPUTED FLOW (CFS)	TIME OF OCCURENCE HR.	MIN.	MAXIMUM COMPUTED VELOCITY (FPS)	TIME OF OCCURENCE HR.	MIN.	RATIO OF MAX. TO DESIGN FLOW	MAXIMUM DEPTH ABOVE INVERT AT CONDUIT ENDS UPSTREAM (FT)	DOWNSTREAM (FT)
82059	2756.2	3.4	276.0	1282.7	80	35	3.1	36	10	.5	13.22	14.30
82935	20.2	.4	1447.2	83.4	61	41	.9	60	8	4.1	6.76	5.40
82936	21.6	.3	1430.4	41.4	60	1	.3	58	44	1.9	7.05	7.16
82939	1557.4	2.4	228.0	1309.2	80	12	3.1	95	36	.8	14.30	14.42
83052	1954.6	3.3	1446.0	1440.6	96	0	1.6	96	0	.7	9.75	12.34
83053	1635.1	1.9	1440.0	-2165.2	83	45	-2.6	96	0	-1.3	12.04	12.84
83054	5233.0	4.7	246.0	2794.0	79	50	3.5	36	10	.5	11.64	13.02
83055	2412.6	2.7	1441.2	2798.5	80	14	3.6	96	0	1.2	15.59	14.37
83065	4833.7	3.9	1440.0	2870.8	78	7	3.3	96	0	.6	14.47	14.66
83950	15.3	.1	1476.0	-12.6	96	0	-.1	96	0	-.8	6.46	6.73
84003	194.9	.8	1468.8	-284.3	73	13	-1.2	36	20	-1.5	7.76	8.00
84013	775.7	2.4	1446.0	-347.6	65	17	-.8	65	19	-.4	7.13	10.26
84027	1384.5	3.4	1430.4	502.9	63	54	1.1	64	7	.4	7.73	9.49
84035	266.8	.8	1441.2	362.3	64	8	1.0	64	12	1.4	9.47	9.55
84038	707.5	2.0	1440.0	389.4	64	5	1.0	64	7	.6	9.65	10.24
84041	844.6	2.2	1434.0	448.9	63	54	1.0	63	56	.5	9.84	10.43
84045	275.6	.9	1434.0	290.8	60	45	.9	60	44	1.1	10.43	10.53
84049	334.1	.9	1434.0	-296.3	60	6	-.8	60	7	-.9	10.43	10.53
84053	1394.3	5.3	1434.0	269.4	60	9	.8	38	33	.2	8.03	10.62
84061	266.4	.8	1444.8	-346.1	61	16	-.9	61	15	-1.3	9.63	9.72
84065	266.4	.8	1434.0	-210.2	60	14	-.6	60	14	-.8	9.53	9.63
84069	211.2	.7	1452.0	-225.0	61	32	-.8	60	16	-1.1	8.43	8.53
84073	198.8	.5	1416.0	279.5	61	33	.6	61	32	1.4	9.43	9.63
84077	474.9	2.3	1418.4	166.1	60	4	.8	59	37	.3	8.03	9.43
84081	107.1	.6	1434.0	-197.1	60	35	-1.0	60	35	-1.8	8.13	8.23
84094	1797.2	4.4	1452.0	-281.5	36	14	-1.3	36	14	-.2	9.40	10.21
84835	262.4	.8	1429.2	-397.7	64	6	-.9	64	14	-1.5	9.47	9.59
84951	22.6	.1	1482.0	-37.9	62	9	-.2	62	15	-1.7	7.92	8.13
85023	101.0	.6	1476.0	89.2	62	2	.4	62	3	.9	8.19	8.25
85024	12.5	.1	1476.0	13.6	62	47	.1	62	48	1.1	3.81	8.25
85025	52.9	.2	1488.0	34.5	64	59	.1	66	12	.7	7.21	9.03
85026	44.8	.4	1464.0	64.2	61	35	.2	61	34	1.4	4.43	9.53
85940	50.4	.2	1464.0	-78.7	61	1	-.2	60	44	-1.6	6.79	9.53
85941	71.3	.3	1428.0	53.6	60	53	.2	60	10	.8	6.79	9.69
86054	1042.4	3.6	267.6	630.6	78	36	2.3	59	19	.6	8.65	10.14
86062	97.9	.8	1452.0	-235.9	60	6	-1.3	59	30	-2.4	5.45	9.22
86076	163.3	2.0	1494.0	-195.2	60	46	-1.4	60	50	-1.2	5.52	8.06
87007	171.0	.8	1434.0	-308.4	60	14	-1.0	60	10	-1.8	8.43	10.24
87015	549.4	2.1	1452.0	-320.7	60	36	-.9	60	36	-.6	8.24	9.75
87022	710.2	2.5	1452.0	145.4	58	11	.8	58	5	.2	8.15	9.35
87030	803.4	2.8	1450.8	510.8	60	2	1.6	60	2	.6	8.15	9.51
87039	250.3	.8	1446.0	702.0	60	6	2.1	59	33	2.8	10.41	10.43
87048	912.9	4.1	1458.0	800.8	60	14	4.0	59	26	.9	9.73	11.34
88004	68.5	1.0	1482.0	31.3	62	3	.4	62	4	.5	4.29	5.71
88006	120.5	1.4	1450.8	132.7	60	41	1.7	59	36	1.1	6.77	7.54
88007	60.5	.3	1431.6	-30.6	58	21	-.2	58	22	-.5	7.64	9.83
88009	113.5	.5	264.0	-58.6	80	51	-.5	83	54	-.5	5.62	6.85
88149	227.1	2.3	265.2	104.4	60	32	1.8	59	27	.5	3.86	6.34
88191	2417.3	4.5	1320.0	3843.1	64	17	6.7	64	14	1.6	13.39	10.59
88240	15.9	.1	300.0	19.6	60	52	.2	60	12	1.2	4.30	5.11
88332	61.9	.7	1382.4	128.4	60	46	.8	60	11	2.1	6.65	7.78
88424	101.0	.8	1437.6	119.0	60	12	.8	59	44	1.2	7.82	8.92
88517	21.7	.2	1476.0	-58.4	62	4	-.3	62	13	-2.7	5.53	8.87
88809	267.7	2.1	1398.0	159.7	61	48	1.3	61	23	.6	4.22	7.29
88810	193.1	2.0	1416.0	-203.9	60	29	-1.0	60	28	-1.1	5.49	8.13
88818	66.2	.5	1404.0	70.4	60	33	.2	60	20	1.1	2.73	11.72
88825	171.3	1.4	1436.4	-382.4	60	9	-1.8	59	56	-2.2	7.98	9.02
88833	771.1	2.3	240.0	694.3	71	7	1.0	74	34	.9	7.98	10.11
88841	1311.2	3.4	222.0	769.9	69	21	2.5	70	10	.6	9.11	9.94
88850	1898.1	3.6	1476.0	951.5	65	49	2.0	66	27	.5	9.94	11.66
88891	3435.0	3.3	1218.0	3843.0	64	22	6.2	64	22	1.1	10.59	4.51
88942	80.2	1.3	1470.0	75.2	59	55	1.0	96	0	.9	5.71	7.27
88943	219.0	1.1	1422.0	156.9	60	45	.7	60	26	.7	6.85	10.63
88944	31.1	.3	1444.8	97.4	61	48	.5	61	16	3.1	8.87	5.73
89193	42.1	.5	1470.0	58.5	60	56	.5	63	19	1.4	5.85	5.86
89202	38.1	.3	1464.0	95.7	60	17	.5	63	16	2.5	7.97	6.70
89312	40.7	.2	1464.0	48.6	62	11	.2	66	12	1.2	4.56	5.27
89945	63.1	.7	1464.0	87.3	60	2	.8	59	10	1.4	5.86	8.40
89946	41.7	.3	1482.0	72.2	60	16	.4	59	29	1.7	6.70	7.26
89947	40.7	.2	1464.0	35.2	58	41	.2	58	20	.9	5.27	7.25
89948	77.2	.2	1459.2	110.1	60	19	.4	59	35	1.4	7.25	7.13
60055	3986.0	2.8	159.1	4577.8	36	4	7.3	36	4	1.1	12.48	12.85
60159	2402.2	1.9	139.0	3465.5	36	3	6.8	36	4	1.4	10.12	10.38
60084	2587.3	2.0	141.0	2421.6	36	4	3.5	36	5	.9	10.21	10.43
60119	7110.6	3.0	149.9	6573.4	36	4	5.6	36	5	.9	11.86	12.33

APPENDIX D

EXTRAN AND RUNOFF DATA FILES

```
  9   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  1   2   0   0   0
EXTRAN
 INDIAN RIVER FARMS WATER CONTROL DISTRICT - CANAL SYSTEM DRAINAGE ANALYSIS
 10 YEAR DESIGN STORM ; FILENAME - IRFEXT10.DAT ; JOB # 1920.00 ; 8/3/88
 4320 30.0 0.00   20   20    0    0    0 240    0   30 .050    1
      9133       9119       189       9159       8191       9055       9134       9083
        68        190         5         25         37         50         86         87
       105        127       146        174
      3084      84094     81019      81022      81030       5032      81018      82059
     82939      70933      8052       1000       5663      83055      83065      88850
      1200       4068     40923       3058
   10    1  310    2  .010.00150.02500. 6.50  .00 .020  .00  .00  .00  .00
   11    2  310    2  .010.00150.02500. 4.50  .00 .020  .00  .00  .00  .00
   12    3  310    2  .010.00150.02500. 5.40  .00 .020  .00  .00  .00  .00
   13    4  310    2  .010.00150.02500. 4.40  .00 .020  .00  .00  .00  .00
   15   10  309    2  .010.00150.02500. 5.50  .00 .020  .00  .00  .00  .00
   16   11  310    2  .010.00150.02500. 4.20  .00 .020  .00  .00  .00  .00
   17   13  306    2  .010.00150.02500. 6.30  .00 .020  .00  .00  .00  .00
   18   15  306    2  .010.00150.02500. 8.70  .00 .020  .00  .00  .00  .00
   19   16  306    2  .010.00150.02500. 6.10  .00 .020  .00  .00  .00  .00
   20   17  309    2  .010.00150.02500. 4.50  .00 .020  .00  .00  .00  .00
   21   19  310    2  .010.00150.02500. 5.30  .00 .020  .00  .00  .00  .00
   22   20  306    2  .010.00150.02500. 6.60  .00 .020  .00  .00  .00  .00
   23   21  306    2  .010.00150.02500. 6.20  .00 .020  .00  .00  .00  .00
   24   24  309    2  .010.00150.02500.11.00  .00 .020  .00  .00  .00  .00
   25   26  310    2  .010.00150.02500. 7.20  .00 .020  .00  .00  .00  .00
   26   27  306    2  .010.00150.02500. 6.40  .00 .020  .00  .00  .00  .00
   27   28  306    2  .010.00150.02500. 6.00  .00 .020  .00  .00  .00  .00
   28   32  309    2  .010.00150.02500. 6.30  .00 .020  .00  .00  .00  .00
   29   33  309    2  .010.00150.02500. 4.70  .00 .020  .00  .00  .00  .00
   30   35  305    2  .010.00150.02500. 7.30  .00 .020  .00  .00  .00  .00
   31   36  305    2  .010.00150.02500. 3.00  .00 .020  .00  .00  .00  .00
   32   38  305    2  .010.00150.02500. 4.90  .00 .020  .00  .00  .00  .00
   33   40  309    2  .010.00150.02500. 3.70  .00 .020  .00  .00  .00  .00
   34   43  310    2  .010.00150.02500. 5.50  .00 .020  .00  .00  .00  .00
   35   45  305    2  .010.00150.02500. 4.50  .00 .020  .00  .00  .00  .00
   36   59  305    2  .010.00150.02500. 4.70  .00 .020  .00  .00  .00  .00
   37   61  305    2  .010.00150.02500. 5.00  .00 .020  .00  .00  .00  .00
   38   63  309    2  .010.00150.02500. 3.50  .00 .020  .00  .00  .00  .00
   39   71  310    2  .010.00150.02500. 6.90  .00 .020  .00  .00  .00  .00
   40   73  305    2  .010.00150.02500. 5.90  .00 .020  .00  .00  .00  .00
   41   75  305    2  .010.00150.02500. 4.20  .00 .020  .00  .00  .00  .00
   42   77  305    2  .010.00150.02500. 4.30  .00 .020  .00  .00  .00  .00
   43   78  309    2  .010.00150.02500. 8.40  .00 .020  .00  .00  .00  .00
   44   80  311    2  .010.00150.02500. 9.00  .00 .020  .00  .00  .00  .00
   45   81  311    2  .010.00150.02500. 7.00  .00 .020  .00  .00  .00  .00
   46   85  314    2  .010.00150.02500. 4.60  .00 .020  .00  .00  .00  .00
   47   87  314    2  .010.00150.02500.10.00  .00 .020  .00  .00  .00  .00
   48   88  314    2  .010.00150.02500. 4.00  .00 .020  .00  .00  .00  .00
   49   89  308    2  .010.00150.02500. 7.00  .00 .020  .00  .00  .00  .00
   50   90  308    2  .010.00150.02500. 8.70  .00 .020  .00  .00  .00  .00
   51   92  314    2  .010.00150.02500. 6.90  .00 .020  .00  .00  .00  .00
   52   93  314    2  .010.00150.02500. 5.50  .00 .020  .00  .00  .00  .00
   53   96  314    2  .010.00150.02500. 4.50  .00 .020  .00  .00  .00  .00
   54   97  314    2  .010.00150.02500. 7.10  .00 .020  .00  .00  .00  .00
   55   98  308    2  .010.00150.02500. 2.50  .00 .020  .00  .00  .00  .00
   56  100  308    2  .010.00150.02500. 6.50  .00 .020  .00  .00  .00  .00
   57  102  304    2  .010.00150.02500. 7.50  .00 .020  .00  .00  .00  .00
   58  107  308    2  .010.00150.02500. 4.60  .00 .020  .00  .00  .00  .00
   59  108  308    2  .010.00150.02500. 9.60  .00 .020  .00  .00  .00  .00
   60  109  308    2  .010.00150.02500. 3.40  .00 .020  .00  .00  .00  .00
   61  112  304    2  .010.00150.02500. 4.30  .00 .020  .00  .00  .00  .00
   62  114  304    2  .010.00150.02500. 3.70  .00 .020  .00  .00  .00  .00
   63  115  304    2  .010.00150.02500. 8.50  .00 .020  .00  .00  .00  .00
   64  116  304    2  .010.00150.02500. 5.60  .00 .020  .00  .00  .00  .00
   65  121  308    2  .010.00150.02500.11.30  .00 .020  .00  .00  .00  .00
   66  123  311    2  .010.00150.02500. 8.40  .00 .020  .00  .00  .00  .00
   67  126  311    2  .010.00150.02500. 8.20  .00 .020  .00  .00  .00  .00
   68  127  304    2  .010.00150.02500. 7.60  .00 .020  .00  .00  .00  .00
   69  128  304    2  .010.00150.02500. 6.70  .00 .020  .00  .00  .00  .00
   71  135  304    2  .010.00150.02500. 7.90  .00 .020  .00  .00  .00  .00
   72  137  304    2  .010.00150.02500. 4.00  .00 .020  .00  .00  .00  .00
   73  139  303    2  .010.00150.02500. 8.20  .00 .020  .00  .00  .00  .00
   74  140  303    2  .010.00150.02500. 5.30  .00 .020  .00  .00  .00  .00
   75  141  303    2  .010.00150.02500. 9.20  .00 .020  .00  .00  .00  .00
   76  142  303    2  .010.00150.02500. 9.90  .00 .020  .00  .00  .00  .00
   77  143  307    2  .010.00150.02500. 4.30  .00 .020  .00  .00  .00  .00
   78  144  307    2  .010.00150.02500. 6.70  .00 .020  .00  .00  .00  .00
   79  147  303    2  .010.00150.02500. 5.90  .00 .020  .00  .00  .00  .00
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80	148	307	2	.010.	.00150.	.02500.	7.70	.00	.020	.00	.00	.00	.00
81	151	303	2	.010.	.00150.	.02500.	6.40	.00	.020	.00	.00	.00	.00
82	155	302	2	.010.	.00150.	.02500.	4.00	.00	.020	.00	.00	.00	.00
83	163	302	2	.010.	.00150.	.02500.	3.00	.00	.020	.00	.00	.00	.00
84	166	302	2	.010.	.00150.	.02500.	7.10	.00	.020	.00	.00	.00	.00
85	175	301	2	.010.	.00150.	.02500.	4.90	.00	.020	.00	.00	.00	.00
86	180	307	2	.010.	.00150.	.02500.	7.60	.00	.020	.00	.00	.00	.00
88	182	301	2	.010.	.00150.	.02500.	6.40	.00	.020	.00	.00	.00	.00
89	183	301	2	.010.	.00150.	.02500.	5.40	.00	.020	.00	.00	.00	.00
90	186	307	2	.010.	.00150.	.02500.	6.00	.00	.020	.00	.00	.00	.00
91	187	307	2	.010.	.00150.	.02500.	2.50	.00	.020	.00	.00	.00	.00
92	188	307	2	.010.	.00150.	.02500.	6.60	.00	.020	.00	.00	.00	.00
96	8006	306	2	.010.	.00150.	.02500.	7.00	.00	.020	.00	.00	.00	.00
97	8014	306	2	.010.	.00150.	.02500.	4.40	.00	.020	.00	.00	.00	.00
98	8018	309	2	.010.	.00150.	.02500.	8.70	.00	.020	.00	.00	.00	.00
99	8020	310	2	.010.	.00150.	.02500.	5.50	.00	.020	.00	.00	.00	.00
100	8021	306	2	.010.	.00150.	.02500.	5.80	.00	.020	.00	.00	.00	.00
101	8022	306	2	.010.	.00150.	.02500.	4.00	.00	.020	.00	.00	.00	.00
102	8024	306	2	.010.	.00150.	.02500.	5.50	.00	.020	.00	.00	.00	.00
103	8029	306	2	.010.	.00150.	.02500.	6.10	.00	.020	.00	.00	.00	.00
104	8030	306	2	.010.	.00150.	.02500.	4.60	.00	.020	.00	.00	.00	.00
105	8034	310	2	.010.	.00150.	.02500.	6.70	.00	.020	.00	.00	.00	.00
106	8037	305	2	.010.	.00150.	.02500.	5.10	.00	.020	.00	.00	.00	.00
107	8039	305	2	.010.	.00150.	.02500.	4.50	.00	.020	.00	.00	.00	.00
108	8044	310	2	.010.	.00150.	.02500.	5.10	.00	.020	.00	.00	.00	.00
109	8046	305	2	.010.	.00150.	.02500.	6.00	.00	.020	.00	.00	.00	.00
110	8048	305	2	.010.	.00150.	.02500.	5.50	.00	.020	.00	.00	.00	.00
111	8056	310	2	.010.	.00150.	.02500.	5.00	.00	.020	.00	.00	.00	.00
112	8058	310	2	.010.	.00150.	.02500.	7.20	.00	.020	.00	.00	.00	.00
113	8060	305	2	.010.	.00150.	.02500.	6.60	.00	.020	.00	.00	.00	.00
114	8068	310	2	.010.	.00150.	.02500.	7.40	.00	.020	.00	.00	.00	.00
115	8074	305	2	.010.	.00150.	.02500.	5.30	.00	.020	.00	.00	.00	.00
116	8081	311	2	.010.	.00150.	.02500.	6.10	.00	.020	.00	.00	.00	.00
117	8084	314	2	.010.	.00150.	.02500.	6.00	.00	.020	.00	.00	.00	.00
118	8086	314	2	.010.	.00150.	.02500.	7.60	.00	.020	.00	.00	.00	.00
119	8094	314	2	.010.	.00150.	.02500.	5.00	.00	.020	.00	.00	.00	.00
120	8097	314	2	.010.	.00150.	.02500.	5.00	.00	.020	.00	.00	.00	.00
121	8103	304	2	.010.	.00150.	.02500.	5.00	.00	.020	.00	.00	.00	.00
122	8106	314	2	.010.	.00150.	.02500.	5.40	.00	.020	.00	.00	.00	.00
123	8113	304	2	.010.	.00150.	.02500.	4.10	.00	.020	.00	.00	.00	.00
124	8127	304	2	.010.	.00150.	.02500.	6.10	.00	.020	.00	.00	.00	.00
125	8129	304	2	.010.	.00150.	.02500.	6.50	.00	.020	.00	.00	.00	.00
126	8139	303	2	.010.	.00150.	.02500.	5.90	.00	.020	.00	.00	.00	.00
127	8142	303	2	.010.	.00150.	.02500.	5.00	.00	.020	.00	.00	.00	.00
128	8144	307	2	.010.	.00150.	.02500.	6.00	.00	.020	.00	.00	.00	.00
129	8146	303	2	.010.	.00150.	.02500.	2.90	.00	.020	.00	.00	.00	.00
130	8150	303	2	.010.	.00150.	.02500.	5.80	.00	.020	.00	.00	.00	.00
131	8152	307	2	.010.	.00150.	.02500.	6.10	.00	.020	.00	.00	.00	.00
132	8168	307	2	.010.	.00150.	.02500.	5.10	.00	.020	.00	.00	.00	.00
133	8768	310	2	.010.	.00150.	.02500.	7.00	.00	.020	.00	.00	.00	.00
134	8813	304	2	.010.	.00150.	.02500.	6.40	.00	.020	.00	.00	.00	.00
135	8827	306	2	.010.	.00150.	.02500.	9.10	.00	.020	.00	.00	.00	.00
136	8856	310	2	.010.	.00150.	.02500.	5.50	.00	.020	.00	.00	.00	.00
137	8868	310	2	.010.	.00150.	.02500.	7.10	.00	.020	.00	.00	.00	.00
138	8884	314	2	.010.	.00150.	.02500.	6.30	.00	.020	.00	.00	.00	.00
139	8886	314	2	.010.	.00150.	.02500.	4.00	.00	.020	.00	.00	.00	.00
140	8897	314	2	.010.	.00150.	.02500.	4.90	.00	.020	.00	.00	.00	.00
141	9083	314	2	.010.	.00150.	.02500.	9.50	.00	.020	.00	.00	.00	.00
143	8684	314	2	.010.	.00150.	.02500.	5.60	.00	.020	.00	.00	.00	.00
144	8172	307	2	.010.	.00150.	.02500.	5.50	.00	.020	.00	.00	.00	.00
145	6	306	2	.010.	.00150.	.02500.	7.40	.00	.020	.00	.00	.00	.00
146	8	306	2	.010.	.00150.	.02500.	6.40	.00	.020	.00	.00	.00	.00
147	12	306	2	.010.	.00150.	.02500.	5.50	.00	.020	.00	.00	.00	.00
148	18	309	2	.010.	.00150.	.02500.	7.80	.00	.020	.00	.00	.00	.00
149	22	306	2	.010.	.00150.	.02500.	9.60	.00	.020	.00	.00	.00	.00
150	31	308	2	.010.	.00150.	.02500.	7.00	.00	.020	.00	.00	.00	.00
151	34	310	2	.010.	.00150.	.02500.	5.10	.00	.020	.00	.00	.00	.00
152	37	305	2	.010.	.00150.	.02500.	9.90	.00	.020	.00	.00	.00	.00
153	39	305	2	.010.	.00150.	.02500.	9.40	.00	.020	.00	.00	.00	.00
154	44	305	2	.010.	.00150.	.02500.	6.00	.00	.020	.00	.00	.00	.00
155	47	305	2	.010.	.00150.	.02500.	5.90	.00	.020	.00	.00	.00	.00
156	52	305	2	.010.	.00150.	.02500.	7.30	.00	.020	.00	.00	.00	.00
157	56	310	2	.010.	.00150.	.02500.	8.70	.00	.020	.00	.00	.00	.00
158	57	310	2	.010.	.00150.	.02500.	8.50	.00	.020	.00	.00	.00	.00
159	68	311	2	.010.	.00150.	.02500.	8.30	.00	.020	.00	.00	.00	.00
162	76	305	2	.010.	.00150.	.02500.	8.20	.00	.020	.00	.00	.00	.00
163	86	314	2	.010.	.00150.	.02500.	7.00	.00	.020	.00	.00	.00	.00
164	103	304	2	.010.	.00150.	.02500.	9.50	.00	.020	.00	.00	.00	.00
165	105	314	2	.010.	.00150.	.02500.	9.60	.00	.020	.00	.00	.00	.00
167	117	304	2	.010.	.00150.	.02500.	4.50	.00	.020	.00	.00	.00	.00

168	124	310	2	.010.	.00150.	.02500.	7.00	.00	.020	.00	.00	.00	.00
169	125	310	2	.010.	.00150.	.02500.	7.00	.00	.020	.00	.00	.00	.00
171	138	303	2	.010.	.00150.	.02500.	8.60	.00	.020	.00	.00	.00	.00
174	167	302	2	.010.	.00150.	.02500.	4.10	.00	.020	.00	.00	.00	.00
175	170	301	2	.010.	.00150.	.02500.	7.00	.00	.020	.00	.00	.00	.00
176	171	301	2	.010.	.00150.	.02500.	5.00	.00	.020	.00	.00	.00	.00
178	176	307	2	.010.	.00150.	.02500.	6.20	.00	.020	.00	.00	.00	.00
179	179	301	2	.010.	.00150.	.02500.	2.50	.00	.020	.00	.00	.00	.00
180	184	307	2	.010.	.00150.	.02500.	7.00	.00	.020	.00	.00	.00	.00
181	8072	310	2	.010.	.00150.	.02500.	9.00	.00	.020	.00	.00	.00	.00
182	8080	311	2	.010.	.00150.	.02500.	6.50	.00	.020	.00	.00	.00	.00
183	8176	307	2	.010.	.00150.	.02500.	2.80	.00	.020	.00	.00	.00	.00
184	8668	311	2	.010.	.00150.	.02500.	4.70	.00	.020	.00	.00	.00	.00
185	5	306	2	.010.	.00150.	.02500.	5.50	.00	.020	.00	.00	.00	.00
186	25	309	2	.010.	.00150.	.02500.	10.40	.00	.020	.00	.00	.00	.00
187	69	311	2	.010.	.00150.	.02500.	9.50	.00	.020	.00	.00	.00	.00
188	84	314	2	.010.	.00150.	.02500.	9.70	.00	.020	.00	.00	.00	.00
190	153	302	2	.010.	.00150.	.02500.	8.90	.00	.020	.00	.00	.00	.00
191	157	302	2	.010.	.00150.	.02500.	9.10	.00	.020	.00	.00	.00	.00
193	169	301	2	.010.	.00150.	.02500.	7.90	.00	.020	.00	.00	.00	.00
194	177	301	2	.010.	.00150.	.02500.	6.70	.00	.020	.00	.00	.00	.00
195	62	305	2	.010.	.00150.	.02500.	7.70	.00	.020	.00	.00	.00	.00
196	94	314	2	.010.	.00150.	.02500.	9.00	.00	.020	.00	.00	.00	.00
197	95	314	2	.010.	.00150.	.02500.	9.80	.00	.020	.00	.00	.00	.00
198	111	314	2	.010.	.00150.	.02500.	12.50	.00	.020	.00	.00	.00	.00
199	165	302	2	.010.	.00150.	.02500.	8.50	.00	.020	.00	.00	.00	.00
200	172	307	2	.010.	.00150.	.02500.	8.50	.00	.020	.00	.00	.00	.00
201	30	306	2	.010.	.00150.	.02500.	9.20	.00	.020	.00	.00	.00	.00
202	130	308	2	.010.	.00150.	.02500.	15.10	.00	.020	.00	.00	.00	.00
203	48	305	2	.010.	.00150.	.02500.	10.00	.00	.020	.00	.00	.00	.00
204	53	305	2	.010.	.00150.	.02500.	12.20	.00	.020	.00	.00	.00	.00
205	113	304	2	.010.	.00150.	.02500.	7.60	.00	.020	.00	.00	.00	.00
250	301	173	2	.010.	.001000.	.2500.	.00	6.60	.020	.00	.00	.00	.00
251	301	181	2	.010.	.001000.	.2500.	.00	6.00	.020	.00	.00	.00	.00
252	302	161	2	.010.	.001000.	.2500.	.00	8.00	.020	.00	.00	.00	.00
253	302	162	2	.010.	.001000.	.2500.	.00	8.20	.020	.00	.00	.00	.00
254	303	145	2	.010.	.001000.	.2500.	.00	8.80	.020	.00	.00	.00	.00
255	303	149	2	.010.	.001000.	.2500.	.00	8.90	.020	.00	.00	.00	.00
256	304	136	2	.010.	.001000.	.2500.	.00	6.60	.020	.00	.00	.00	.00
257	304	129	2	.010.	.001000.	.2500.	.00	6.90	.020	.00	.00	.00	.00
258	305	74	2	.010.	.001000.	.2500.	.00	7.10	.020	.00	.00	.00	.00
259	305	60	2	.010.	.001000.	.2500.	.00	7.90	.020	.00	.00	.00	.00
260	306	7	2	.010.	.001000.	.2500.	.00	8.00	.020	.00	.00	.00	.00
261	306	14	2	.010.	.001000.	.2500.	.00	5.40	.020	.00	.00	.00	.00
262	307	152	2	.010.	.001000.	.2500.	.00	7.60	.020	.00	.00	.00	.00
263	307	189	2	.010.	.001000.	.2500.	.00	14.80	.020	.00	.00	.00	.00
265	308	131	2	.010.	.001000.	.2500.	.00	13.20	.020	.00	.00	.00	.00
266	309	33	2	.010.	.001000.	.2500.	.00	4.70	.020	.00	.00	.00	.00
267	309	10	2	.010.	.001000.	.2500.	.00	5.50	.020	.00	.00	.00	.00
268	310	72	2	.010.	.001000.	.2500.	.00	5.90	.020	.00	.00	.00	.00
269	310	58	2	.010.	.001000.	.2500.	.00	6.30	.020	.00	.00	.00	.00
270	314	97	2	.010.	.001000.	.2500.	.00	7.30	.020	.00	.00	.00	.00
271	314	106	2	.010.	.001000.	.2500.	.00	7.10	.020	.00	.00	.00	.00
272	311	70	2	.010.	.001000.	.2500.	.00	8.70	.020	.00	.00	.00	.00
300	301	400	2	.010.	.005000.	.2500.	.50	.00	.020	.00	.00	.00	.00
301	302	400	2	.010.	.005000.	.2500.	.00	.00	.020	.00	.00	.00	.00
302	303	400	2	.010.	.005000.	.2500.	.00	.00	.020	.00	.00	.00	.00
303	304	400	2	.010.	.005000.	.2500.	.00	.00	.020	.00	.00	.00	.00
304	305	400	2	.010.	.005000.	.2500.	1.50	.00	.020	.00	.00	.00	.00
305	306	400	2	.010.	.005000.	.2500.	1.00	.00	.020	.00	.00	.00	.00
306	314	400	2	.010.	.005000.	.2500.	1.50	.00	.020	.00	.00	.00	.00
400	13	500	2	.0	2.90	1.01250.	3.40	0.00	.999	.00	.00	.00	.00
401	20	500	2	.0	1.20	1.01250.	5.40	0.00	.999	.00	.00	.00	.00
402	26	500	2	.0	2.50	1.01250.	4.70	0.00	.999	.00	.00	.00	.00
403	32	500	2	.0	2.70	1.01250.	3.60	0.00	.999	.00	.00	.00	.00
404	35	500	2	.0	.20	1.01250.	7.10	0.00	.999	.00	.00	.00	.00
405	43	500	2	.0	1.40	1.01250.	4.10	0.00	.999	.00	.00	.00	.00
406	73	500	2	.0	1.60	1.01250.	4.30	0.00	.999	.00	.00	.00	.00
407	80	500	2	.0	1.40	1.01250.	7.60	0.00	.999	.00	.00	.00	.00
408	87	500	2	.0	1.30	1.01250.	8.70	0.00	.999	.00	.00	.00	.00
409	90	500	2	.0	.60	1.01250.	8.10	0.00	.999	.00	.00	.00	.00
410	93	500	2	.0	1.50	1.01250.	4.00	0.00	.999	.00	.00	.00	.00
411	102	500	2	.0	3.50	1.01250.	4.00	0.00	.999	.00	.00	.00	.00
412	112	500	2	.0	1.20	1.01250.	3.10	0.00	.999	.00	.00	.00	.00
414	123	500	2	.0	2.40	1.01250.	6.00	0.00	.999	.00	.00	.00	.00
415	128	500	2	.0	1.20	1.01250.	5.50	0.00	.999	.00	.00	.00	.00
416	147	500	2	.0	1.20	1.01250.	4.70	0.00	.999	.00	.00	.00	.00
417	183	500	2	.0	.20	1.01250.	5.20	0.00	.999	.00	.00	.00	.00
418	188	500	2	.0	1.60	1.01250.	5.00	0.00	.999	.00	.00	.00	.00
419	8018	500	2	.0	4.30	1.01250.	4.40	0.00	.999	.00	.00	.00	.00

420	8034	500	2	.0	2.30	1.01250.	4.40	0.00	.999	.00	.00	.00	.00
421	8058	500	2	.0	1.90	1.01250.	5.30	0.00	.999	.00	.00	.00	.00
422	8060	500	2	.0	1.60	1.01250.	5.00	0.00	.999	.00	.00	.00	.00
423	8086	500	2	.0	3.40	1.01250.	4.20	0.00	.999	.00	.00	.00	.00
424	8097	500	2	.0	1.30	1.01250.	3.70	0.00	.999	.00	.00	.00	.00
425	8106	500	2	.0	2.20	1.01250.	3.20	0.00	.999	.00	.00	.00	.00
426	8144	500	2	.0	2.00	1.01250.	4.00	0.00	.999	.00	.00	.00	.00
427	8152	500	2	.0	2.90	1.01250.	3.20	0.00	.999	.00	.00	.00	.00
428	8827	500	2	.0	4.00	1.01250.	5.10	0.00	.999	.00	.00	.00	.00
429	8856	500	2	.0	1.50	1.01250.	4.00	0.00	.999	.00	.00	.00	.00
430	8884	500	2	.0	1.30	1.01250.	5.00	0.00	.999	.00	.00	.00	.00
431	8897	501	2	.0	2.20	1.01250.	2.70	0.00	.999	.00	.00	.00	.00
432	8072	501	2	.0	1.50	1.01250.	7.50	0.00	.999	.00	.00	.00	.00
434	25	501	2	.0	.40	1.01250.	10.00	0.00	.999	.00	.00	.00	.00
435	67	501	2	.0	.90	1.01250.	8.30	0.00	.999	.00	.00	.00	.00
436	69	501	2	.0	.40	1.01250.	9.10	0.00	.999	.00	.00	.00	.00
437	9	501	2	.0	.40	1.01250.	7.50	0.00	.999	.00	.00	.00	.00
438	46	501	2	.0	1.50	1.01250.	8.20	0.00	.999	.00	.00	.00	.00
439	66	501	2	.0	.70	1.01250.	17.80	0.00	.999	.00	.00	.00	.00
440	95	501	2	.0	.10	1.01250.	9.70	0.00	.999	.00	.00	.00	.00
441	101	501	2	.0	.50	1.01250.	4.70	0.00	.999	.00	.00	.00	.00
442	104	501	2	.0	1.70	1.01250.	9.00	0.00	.999	.00	.00	.00	.00
443	122	501	2	.0	.60	1.01250.	15.50	0.00	.999	.00	.00	.00	.00
444	131	501	2	.0	1.80	1.01250.	11.40	0.00	.999	.00	.00	.00	.00
445	133	501	2	.0	.50	1.01250.	15.00	0.00	.999	.00	.00	.00	.00
446	154	501	2	.0	.30	1.01250.	8.80	0.00	.999	.00	.00	.00	.00
447	178	501	2	.0	.40	1.01250.	8.10	0.00	.999	.00	.00	.00	.00
448	183	501	2	.0	.20	1.01250.	5.20	0.00	.999	.00	.00	.00	.00
449	188	501	2	.0	.60	1.01250.	6.00	0.00	.999	.00	.00	.00	.00
450	8160	501	2	.0	1.60	1.01250.	17.70	0.00	.999	.00	.00	.00	.00
451	8821	501	2	.0	.30	1.01250.	5.80	0.00	.999	.00	.00	.00	.00
500	133	9134	2	.010.	001000.	2500.	15.50	8.50	.020	.00	.00	.00	.00
501	9134	23	2	.010.	001000.	2500.	8.50	8.70	.020	.00	.00	.00	.00
502	134	23	2	.010.	001000.	2500.	8.30	8.70	.020	.00	.00	.00	.00
503	9133	133	2	.010.	001000.	2500.	14.40	15.50	.020	.00	.00	.00	.00
504	189	8200	2	.010.	001000.	2500.	14.80	8.50	.020	.00	.00	.00	.00
1000	160	189	6	.014.	8015.	971850.	.00	.00	.045	1.69	1.69	.00	.00
1001	8200	200	6	.0	8.5099.	004350.	.00	.00	.040	2.72	2.72	.00	.00
1002	189	8200	6	.014.	8015.	971250.	.00	.00	.040	1.69	1.69	.00	.00
1004	104	105	6	.0	9.0042.	761250.	.00	.60	.034	1.10	1.10	.00	.00
1015	115	104	6	.0	6.9039.	242716.	1.60	.00	.038	1.22	1.22	.00	.00
1029	129	115	6	.0	6.8029.	142547.	.20	.00	.050	1.72	1.72	.00	.00
1036	136	129	6	.0	6.1033.	392640.	.60	.00	.038	1.57	1.57	.00	.00
1039	139	136	6	.0	5.8043.	252650.	2.40	.00	.037	1.45	1.45	.00	.00
1042	142	146	6	.0	9.0027.	292640.	.00	.00	.040	1.24	1.24	.00	.00
1046	146	150	6	.0	7.1026.	522620.	1.90	.00	.040	1.37	1.37	.00	.00
1050	150	154	6	.0	7.6035.	622620.	1.40	.20	.040	1.13	1.13	.00	.00
1058	154	158	6	.0	8.8031.	001290.	.00	1.60	.040	1.23	1.23	.00	.00
1062	162	158	6	.0	7.5023.	501260.	.80	2.30	.040	1.19	1.19	.00	.00
1066	166	162	6	.0	6.5035.	742650.	0.60	.00	.047	1.12	1.12	.00	.00
1070	170	166	6	.0	6.5023.	562640.	.50	0.60	.042	1.19	1.19	.00	.00
1074	174	170	6	.0	6.8019.	322640.	.80	.20	.040	1.07	1.07	.00	.00
1078	178	174	6	.0	7.80	7.272650.	.00	.00	.040	1.32	1.32	.00	.00
1082	182	178	6	.0	6.40	9.002644.	.00	1.70	.392	1.12	1.12	.00	.00
1100	23	190	6	.010.	001000.	2484.	4.20	.00	.040	6.53	6.53	.00	.00
1103	103	104	6	.0	4.5013.	685292.	5.00	.70	.686	1.45	1.45	.00	.00
1200	66	8191	6	.015.	2025.	831250.	.00	.00	.045	1.83	1.83	.00	.00
1214	114	115	6	.0	3.7014.	444787.	.00	2.60	.251	1.29	1.29	.00	.00
1216	116	115	6	.0	5.60	9.443370.	.00	.90	.390	1.60	1.60	.00	.00
1217	117	111	6	.0	4.5020.	001475.	.00	.00	.312	1.50	1.50	.00	.00
1328	128	129	6	.0	6.50	7.565108.	.00	.50	.223	1.44	1.44	.00	.00
1331	31	8129	6	.0	6.5012.	296085.	.00	.00	.232	1.39	1.39	.00	.00
1435	135	136	6	.0	5.1010.	145229.	2.50	1.60	.372	1.36	1.36	.00	.00
1437	137	136	6	.0	4.0013.	126131.	.00	2.20	.310	1.48	1.48	.00	.00
1538	138	139	6	.0	8.2018.	135258.	.00	.00	.531	1.13	1.13	.00	.00
1540	140	8139	6	.0	5.3017.	953772.	.00	.00	.214	1.24	1.24	.00	.00
1641	141	142	6	.0	5.7017.	015175.	2.80	4.20	.392	1.29	1.29	.00	.00
1643	143	8142	6	.0	4.3014.	154532.	.00	.00	.237	1.17	1.17	.00	.00
1745	145	146	6	.0	5.0012.	545251.	3.90	.10	.496	1.19	1.19	.00	.00
1747	147	8146	6	.0	2.9015.	444859.	.60	.00	.775	1.01	1.01	.00	.00
1849	149	150	6	.0	4.5016.	405148.	4.50	2.00	.730	1.19	1.19	.00	.00
1851	151	8150	6	.0	5.8030.	264072.	.00	.00	.391	1.12	1.12	.00	.00
1953	153	154	6	.0	4.5017.	405182.	4.40	4.10	.315	1.10	1.10	.00	.00
1955	155	154	6	.0	4.0010.	465350.	.00	4.10	.239	1.02	1.02	.00	.00
2006	6	14	6	.0	5.5029.	512600.	.00	.00	.035	1.56	1.56	.00	.00
2014	14	21	6	.0	5.1034.	592600.	.40	.00	.041	1.93	1.93	.00	.00
2021	21	29	6	.0	5.8039.	032630.	.40	.00	.037	1.70	1.70	.00	.00
2029	29	37	6	.0	6.0039.	382700.	1.60	.00	.038	1.66	1.66	.00	.00
2037	37	46	6	.0	8.1037.	002700.	1.80	.00	.035	1.71	1.71	.00	.00
2046	46	52	6	.0	6.3027.	201350.	1.40	1.00	.035	2.78	2.78	.00	.00

2060	60	52	6	.0	7.3027.671310.	.00	.00	.037	2.63	2.63	.00	.00
2074	74	60	6	.0	5.2048.762650.	.00	2.80	.035	2.20	2.20	.00	.00
2086	86	97	6	.0	6.0039.502700.	1.00	.00	.035	2.12	2.12	.00	.00
2097	97	106	6	.0	6.0038.002700.	1.00	1.10	.035	2.18	2.18	.00	.00
2107	107	8106	6	.0	4.2023.313480.	.40	.00	.637	1.32	1.32	.00	.00
2296	96	8097	6	.0	4.5022.364667.	.00	.00	.526	1.27	1.27	.00	.00
2298	98	8897	6	.0	2.5016.665524.	.00	.00	.391	1.54	1.54	.00	.00
2385	85	8684	6	.0	4.0021.611627.	.60	.00	.496	1.41	1.41	.00	.00
2387	87	8886	6	.0	4.0018.057934.	.00	.00	.269	1.70	1.70	.00	.00
2388	88	87	6	.0	3.80 .002759.	.20	4.90	.480	2.27	2.27	.00	.00
2473	73	8074	6	.0	5.3014.965014.	.00	.00	.157	1.56	1.56	.00	.00
2475	75	74	6	.0	4.2019.165346.	.00	2.40	.337	1.41	1.41	.00	.00
2477	77	76	6	.0	4.3011.512751.	.00	2.80	.407	1.48	1.48	.00	.00
2559	59	8060	6	.0	4.70 6.535314.	.00	.00	.162	1.54	1.54	.00	.00
2561	61	60	6	.0	4.80 5.232691.	.20	3.20	.180	1.88	1.88	.00	.00
2563	63	62	6	.0	3.5030.785282.	.00	1.20	.210	1.72	1.72	.00	.00
2645	45	8046	6	.0	4.5018.945236.	.00	.00	.117	1.45	1.45	.00	.00
2647	47	48	6	.0	5.90 7.001353.	.00	3.601.510		1.26	1.26	.00	.00
2649	49	8048	6	.0	5.5010.914513.	.00	.00	.239	1.37	1.37	.00	.00
2736	36	8037	6	.0	3.0010.965216.	.00	.00	.155	1.48	1.48	.00	.00
2738	38	37	6	.0	4.9011.801367.	.00	4.40	.139	1.49	1.49	.00	.00
2828	28	8029	6	.0	6.0012.485165.	.00	.00	.136	1.42	1.42	.00	.00
2830	30	29	6	.0	5.5017.995332.	2.20	2.10	.341	1.41	1.41	.00	.00
2832	32	8030	6	.0	4.6012.585280.	.00	.00	.143	1.43	1.43	.00	.00
2921	21	22	6	.0	4.6018.495342.	1.60	2.90	.343	1.38	1.38	.00	.00
2991	8821	8021	6	.0	5.80 5.395292.	0.00	.00	.163	1.73	1.73	.00	.00
3005	5	12	6	.0	5.00 7.002625.	.50	.00	.040	1.71	1.71	.00	.00
3012	12	20	6	.0	5.5022.182625.	.00	.30	.040	2.22	2.22	.00	.00
3020	20	27	6	.0	6.4013.982790.	.00	.00	.153	1.51	1.51	.00	.00
3027	27	35	6	.0	6.20 9.342640.	.20	.00	.151	2.05	2.05	.00	.00
3035	35	44	6	.0	4.2010.002640.	2.10	1.80	.040	1.90	1.90	.00	.00
3044	44	58	6	.0	6.0016.002640.	.00	.20	.035	1.50	1.50	.00	.00
3058	58	72	6	.0	6.3028.302650.	.00	1.60	.036	1.18	1.18	.00	.00
3072	72	9083	6	.0	8.5040.782300.	.00	.00	.035	2.43	2.43	.00	.00
3083	83	84	6	.0	9.7036.001250.	.00	.00	.020	1.47	1.47	.00	.00
3084	84	95	6	.0	9.7041.972650.	.00	0.00	.038	1.79	1.79	.00	.00
3182	82	8884	6	.0	4.50 4.001450.	2.50	.002.376		1.89	1.89	.00	.00
3256	57	8058	6	.0	5.7016.233960.	2.80	.00	.151	1.35	1.35	.00	.00
3257	57	56	6	.0	8.5014.452597.	0.00	.00	.472	1.76	1.76	.00	.00
3343	43	8044	6	.0	5.10 9.313421.	.00	.00	.121	1.45	1.45	.00	.00
3434	34	35	6	.0	4.70 9.615309.	.40	2.40	.236	1.64	1.64	.00	.00
3526	26	27	6	.0	5.7011.295278.	.00	.70	.131	1.70	1.70	.00	.00
3619	19	8020	6	.0	5.3011.343309.	.00	.00	.110	1.86	1.86	.00	.00
3711	11	12	6	.0	4.2015.433266.	.00	.50	.398	1.22	1.22	.00	.00
4067	67	68	6	.0	8.3011.022600.	.00	.00	.041	2.27	2.27	.00	.00
4068	68	69	6	.0	7.9022.002680.	.40	.00	.035	2.00	2.00	.00	.00
4069	69	70	6	.0	8.70 5.711250.	.40	.10	.031	2.13	2.13	.00	.00
4070	70	71	6	.0	6.1012.073300.	.00	.80	.042	4.76	4.76	.00	.00
4071	71	8072	6	.0	6.9024.122650.	.00	.00	.037	2.63	2.63	.00	.00
4081	81	67	6	.0	7.0018.502600.	.00	1.10	.040	1.31	1.31	.00	.00
4303	3	8034	6	.0	5.40 7.334932.	.00	.00	.091	3.38	3.38	.00	.00
4357	57	34	6	.0	2.7016.865425.	2.00	2.40	.047	1.57	1.57	.00	.00
4402	2	8856	6	.0	4.5012.685287.	.00	.00	.058	1.47	1.47	.00	.00
4456	56	69	6	.0	8.7019.502640.	.00	.30	.127	1.02	1.02	.00	.00
4482	82	70	6	.0	7.0017.252599.	.00	.00	.197	1.92	1.92	.00	.00
4492	92	82	6	.0	6.90 2.311250.	.00	.00	.500	1.39	1.39	.00	.00
4501	1	8768	6	.0	6.50 8.501270.	.00	.00	.134	1.67	1.67	.00	.00
4625	125	8081	6	.0	3.0019.515302.	4.00	.00	.098	1.10	1.10	.00	.00
4680	80	81	6	.0	7.0013.682640.	.60	.00	.040	1.42	1.42	.00	.00
4724	124	8080	6	.0	5.0020.775272.	2.00	.00	.161	1.41	1.41	.00	.00
5000	100	99	6	.0	3.4013.931338.	3.10	.00	.173	1.36	1.36	.00	.00
5008	108	121	6	.0	9.6014.122626.	.00	.00	.123	1.37	1.37	.00	.00
5021	121	131	6	.011.	3017.732603.	.00	.10	.189	1.15	1.15	.00	.00
5031	131	132	6	.011.	20 7.961250.	.00	.00	.094	1.58	1.58	.00	.00
5032	132	133	6	.011.	2011.541250.	.00	3.80	.037	1.08	1.08	.00	.00
5078	78	65	6	.0	8.4039.452561.	.00	1.60	.351	1.38	1.38	.00	.00
5089	89	90	6	.0	6.60 1.812631.	.40	1.50	.495	2.50	2.50	.00	.00
5090	90	78	6	.0	7.6016.472820.	.00	.80	.197	1.37	1.37	.00	.00
5099	99	108	6	.0	6.20 8.786246.	.60	.40	.061	1.41	1.41	.00	.00
5207	107	108	6	.0	4.60 5.556238.	.00	4.10	.426	1.82	1.82	.00	.00
5209	109	108	6	.0	3.4018.352223.	.00	1.20	.341	1.68	1.68	.00	.00
5398	98	99	6	.0	2.50 5.502627.	.00	1.20	.222	1.80	1.80	.00	.00
5488	88	89	6	.0	4.0016.083847.	.00	1.00	.502	1.54	1.54	.00	.00
5577	77	8078	6	.0	4.30 6.022605.	.00	0.00	.608	1.56	1.56	.00	.00
5663	63	65	6	.0	3.5010.742425.	0.00	8.80	.476	2.02	2.02	.00	.00
5840	40	8039	6	.0	3.7016.175287.	.00	.00	.496	1.38	1.38	.00	.00
7068	168	8860	6	.0	8.0032.833240.	.50	.00	.055	1.48	1.48	.00	.00
7072	172	168	6	.0	7.9021.001750.	.60	.00	.040	1.94	1.94	.00	.00
7076	176	172	6	.0	5.7029.672670.	.50	.00	.059	1.27	1.27	.00	.00
7080	180	176	6	.0	6.2019.002781.	.00	.00	.127	1.78	1.78	.00	.00

7084	184	180	6	.0	6.70	14.442800.	.00	.90	.042	1.67	1.67	.00	.00
7086	186	184	6	.0	5.90	9.502881.	.10	.00	.243	1.82	1.82	.00	.00
7088	188	186	6	.0	6.00	16.132907.	.00	.00	.196	1.40	1.40	.00	.00
7267	167	8168	6	.0	3.30	21.913195.	.80	.00	.194	1.65	1.65	.00	.00
7371	171	8172	6	.0	3.90	13.422494.	1.10	.00	.363	1.08	1.08	.00	.00
7475	175	8176	6	.0	2.80	10.051254.	.00	.00	.161	1.35	1.35	.00	.00
7579	179	180	6	.0	2.50	.041260.	.00	2.00	.050	1.64	1.64	.00	.00
7683	183	182	6	.0	5.10	1.001296.	.10	1.30	.113	1.63	1.63	.00	.00
7785	185	186	6	.0	3.00	27.083179.	.00	2.00	.058	1.29	1.29	.00	.00
7887	187	188	6	.0	2.50	13.611719.	.00	3.10	1.164	1.72	1.72	.00	.00
8044	144	148	6	.0	6.70	15.422771.	.00	.00	.253	1.41	1.41	.00	.00
8048	148	152	6	.0	6.30	24.772747.	1.40	.00	.219	1.10	1.10	.00	.00
8052	152	160	6	.0	7.30	13.993822.	.30	1.80	.056	1.46	1.46	.00	.00
8251	151	8152	6	.0	4.20	11.436311.	2.20	.00	.119	1.19	1.19	.00	.00
8347	147	148	6	.0	5.70	18.675348.	.00	2.00	.843	1.11	1.11	.00	.00
8443	143	8144	6	.0	4.20	10.433244.	.10	.00	.337	1.19	1.19	.00	.00
11061	161	162	6	.0	5.70	13.205238.	2.40	2.10	.193	1.15	1.15	.00	.00
11063	163	162	6	.0	3.00	27.175330.	.00	1.60	.225	1.09	1.09	.00	.00
11165	165	166	6	.0	6.70	17.405202.	1.80	.00	.692	1.14	1.14	.00	.00
11167	167	166	6	.0	4.10	11.345350.	.00	0.60	.049	1.00	1.00	.00	.00
11269	169	170	6	.0	5.50	19.165134.	2.40	.00	.506	1.32	1.32	.00	.00
11271	171	170	6	.0	5.00	13.575485.	.00	1.00	.169	2.77	2.77	.00	.00
11373	173	174	6	.0	5.20	12.745113.	1.40	1.50	.319	1.18	1.18	.00	.00
11375	175	174	6	.0	4.90	8.595751.	.00	1.60	.118	1.22	1.22	.00	.00
11477	177	178	6	.0	3.70	14.195136.	3.00	3.40	.099	1.64	1.64	.00	.00
11479	179	178	6	.0	2.50	5.964277.	.00	2.00	.063	1.15	1.15	.00	.00
11581	181	182	6	.0	4.60	10.825268.	1.50	1.50	.433	1.12	1.12	.00	.00
13901	8129	129	6	.0	6.50	12.296085.	.00	.50	.232	1.39	1.39	.00	.00
15902	8139	139	6	.0	5.90	17.953772.	.00	2.20	.214	1.24	1.24	.00	.00
16903	8142	142	6	.0	5.00	14.154532.	.00	2.80	.237	1.17	1.17	.00	.00
17904	8146	146	6	.0	2.90	15.444859.	.00	2.50	.775	1.01	1.01	.00	.00
18905	8150	150	6	.0	5.80	30.264072.	.00	1.80	.402	1.15	1.15	.00	.00
21008	8	14	6	.0	5.10	13.002652.	.00	.40	.259	1.67	1.67	.00	.00
21013	13	8014	6	.0	4.40	7.394873.	.00	.00	.382	1.32	1.32	.00	.00
21016	16	15	6	.0	6.10	10.065306.	.00	2.00	.160	1.54	1.54	.00	.00
21808	8	15	6	.0	5.50	7.002672.	.90	2.00	.117	1.94	1.94	.00	.00
21906	8106	106	6	.0	3.50	23.313480.	.00	3.60	.637	1.32	1.32	.00	.00
21937	8014	14	6	.0	2.50	7.394873.	.00	3.00	.382	1.32	1.32	.00	.00
22907	8097	97	6	.0	4.70	22.364667.	.00	2.40	.526	1.27	1.27	.00	.00
22908	8897	97	6	.0	3.70	16.665524.	.00	3.40	.391	1.54	1.54	.00	.00
23084	8684	84	6	.0	5.60	33.002291.	.00	1.20	.759	1.45	1.45	.00	.00
23909	8886	86	6	.0	4.00	18.057934.	.00	3.00	.269	1.70	1.70	.00	.00
24910	8074	74	6	.0	5.20	14.965014.	.00	2.00	.157	1.56	1.56	.00	.00
25911	8060	60	6	.0	6.00	6.535314.	.00	2.00	.162	1.54	1.54	.00	.00
26912	8046	46	6	.0	6.00	18.945236.	.00	2.20	.117	1.45	1.45	.00	.00
26913	8048	48	6	.0	5.50	10.914513.	.00	2.50	.239	1.37	1.37	.00	.00
29818	8024	8022	6	.0	4.00	15.833960.	.00	0.00	.132	1.27	1.27	.00	.00
29914	8037	37	6	.0	5.10	10.965216.	.00	3.20	.155	1.48	1.48	.00	.00
29915	8029	29	6	.0	6.10	12.485165.	.00	1.40	.136	1.42	1.42	.00	.00
29916	8030	30	6	.0	4.60	12.585250.	.00	1.40	.143	1.43	1.43	.00	.00
29917	8021	21	6	.0	5.20	15.875646.	.00	1.00	.147	1.73	1.73	.00	.00
29918	8024	24	6	.0	5.50	15.832640.	.00	.00	.132	1.27	1.27	.00	.00
31919	8084	84	6	.0	6.00	9.864594.	.00	3.20	.199	1.37	1.37	.00	.00
32920	8058	58	6	.0	6.30	16.233960.	.00	.00	.151	0.74	0.74	.00	.00
33921	8044	44	6	.0	5.10	9.313421.	.00	.90	.121	1.45	1.45	.00	.00
36912	8022	22	6	.0	4.00	11.343309.	.00	1.40	.132	1.86	1.86	.00	.00
36922	8020	20	6	.0	5.50	11.343309.	.00	.00	.110	1.86	1.86	.00	.00
40923	8072	72	6	.0	8.50	24.125240.	.00	0.00	.037	2.63	2.63	.00	.00
43924	8034	34	6	.0	5.10	7.334931.	.00	.00	.091	3.38	3.38	.00	.00
44925	8856	8056	6	.0	5.00	12.685287.	.00	.00	.058	1.47	1.47	.00	.00
44926	8056	56	6	.0	5.00	12.685287.	.00	2.90	.058	1.47	1.47	.00	.00
45101	101	8668	6	.0	4.70	23.783950.	.00	.00	.099	1.45	1.45	.00	.00
45927	8868	8068	6	.0	7.10	15.705728.	.00	.00	.134	1.28	1.28	.00	.00
45928	8068	68	6	.0	7.40	15.705728.	.00	.60	.134	1.28	1.28	.00	.00
45929	8668	68	6	.0	4.70	23.783950.	.00	.40	.099	1.45	1.45	.00	.00
46930	8081	81	6	.0	6.10	19.515302.	.00	.00	.098	1.10	1.10	.00	.00
47931	8080	80	6	.0	6.50	20.775272.	.00	.00	.161	1.41	1.41	.00	.00
55077	8078	78	6	.0	5.50	5.675151.	0.00	0.60	.603	1.33	1.33	.00	.00
58932	8039	39	6	.0	4.50	16.175287.	.00	4.90	.496	1.38	1.38	.00	.00
70933	8860	160	6	.0	13.90	32.833240.	.00	.00	.055	1.48	1.48	.00	.00
71039	139	142	6	.0	5.80	38.702640.	2.40	2.20	.036	1.99	1.99	.00	.00
71217	117	116	6	.0	4.50	9.721900.	.00	.00	.489	1.55	1.55	.00	.00
71331	31	122	6	.0	7.00	25.001300.	.00	.00	.314	1.09	1.09	.00	.00
72006	106	110	6	.0	7.10	22.961250.	.00	3.10	.035	1.56	1.56	.00	.00
72074	74	86	6	.0	6.60	39.272650.	.60	.00	.045	1.68	1.68	.00	.00
72385	85	8086	6	.0	4.60	21.703894.	0.00	.00	.264	1.41	1.41	.00	.00
72475	75	76	6	.0	3.80	11.532604.	.40	2.80	.216	1.52	1.52	.00	.00
72561	61	62	6	.0	5.00	18.205320.	.00	.90	.294	1.17	1.17	.00	.00
72647	47	46	6	.0	4.50	17.004036.	1.40	3.70	.282	1.50	1.50	.00	.00
72738	38	39	6	.0	4.80	16.351250.	.10	2.40	.139	1.65	1.65	.00	.00

72934	8168	168	6	.0	3.1021.	913153.	.00	1.80	.154	1.80	1.80	.00	.00
72938	8086	86	6	.0	5.2021.	703894.	.00	1.80	.264	1.41	1.41	.00	.00
73172	8172	172	6	.0	5.5018.	111405.	.00	2.00	.677	1.11	1.11	.00	.00
74176	8176	176	6	.0	2.80	6.392369.	.00	2.00	.276	1.41	1.41	.00	.00
75089	89	100	6	.0	6.5012.	581282.	.00	.00	.282	1.49	1.49	.00	.00
77683	183	184	6	.0	3.60	9.394300.	.00	3.40	.298	1.53	1.53	.00	.00
81005	105	110	6	.0	9.4017.	654750.	.20	.00	.025	1.68	1.68	.00	.00
81010	110	111	6	.010.	8045.	811250.	1.50	1.10	.025	1.08	1.08	.00	.00
81011	111	9119	6	.012.	5069.	502980.	.00	.00	.025	1.35	1.35	.00	.00
81018	133	9134	6	.0	8.5070.	194850.	.00	.00	.042	2.69	2.69	.00	.00
81019	119	122	6	.015.	5049.	121810.	.00	.00	.035	1.60	1.60	.00	.00
81022	122	130	6	.014.	1034.	983640.	.10	1.00	.035	2.86	2.86	.00	.00
81030	130	9133	6	.015.	1040.	553900.	.00	.00	.035	2.31	2.31	.00	.00
81034	134	23	6	.0	8.3022.	811560.	.00	.00	.049	3.59	3.59	.00	.00
81096	95	105	6	.0	9.6046.	675880.	.00	.00	.025	1.31	1.31	.00	.00
82057	157	158	6	.0	9.1040.	025150.	.00	.70	.050	1.11	1.11	.00	.00
82058	158	9159	6	.010.	4033.	005530.	.00	.00	.050	1.10	1.10	.00	.00
82059	159	8160	6	.017.	7015.	974000.	.00	.00	.045	1.69	1.69	.00	.00
82935	8152	152	6	.0	3.0011.	436311.	.00	4.60	.119	1.19	1.19	.00	.00
82936	8144	144	6	.0	5.0010.	433244.	.00	1.70	.337	1.19	1.19	.00	.00
82939	8160	160	6	.015.	5015.	974000.	.00	1.00	.045	1.69	1.69	.00	.00
83052	52	53	6	.0	7.3070.	145300.	.00	.50	.035	1.38	1.38	.00	.00
83053	53	54	6	.012.	2051.	712650.	.00	.00	.035	1.40	1.40	.00	.00
83054	54	9055	6	.011.	9074.	542860.	.40	.00	.035	1.56	1.56	.00	.00
83055	55	65	6	.016.	0025.	835000.	.00	.10	.045	1.83	1.83	.00	.00
83065	65	66	6	.017.	8038.	171250.	.00	.00	.045	1.75	1.75	.00	.00
83950	8884	8084	6	.0	6.00	9.864593.	.00	.00	.199	1.37	1.37	.00	.00
84003	103	94	6	.0	7.0025.	502650.	2.50	1.40	.035	1.61	1.61	.00	.00
84013	113	103	6	.0	7.0034.	852690.	.60	.00	.063	1.68	1.68	.00	.00
84027	127	113	6	.0	7.4038.	262640.	.20	.00	.035	2.19	2.19	.00	.00
84035	135	138	6	.0	7.9029.	502600.	.00	.10	.035	1.38	1.38	.00	.00
84038	138	141	6	.0	8.6026.	542650.	.00	.00	.036	1.65	1.65	.00	.00
84041	141	145	6	.0	8.8035.	732650.	.40	.00	.036	1.00	1.00	.00	.00
84045	145	149	6	.0	8.9026.	502650.	.00	.00	.035	1.02	1.02	.00	.00
84049	149	153	6	.0	8.9030.	502650.	.00	.00	.035	1.33	1.33	.00	.00
84053	153	157	6	.0	6.5032.	311400.	2.40	.00	.035	1.24	1.24	.00	.00
84061	161	157	6	.0	8.1034.	502650.	.00	.90	.040	1.13	1.13	.00	.00
84065	165	161	6	.0	8.1034.	502650.	.00	.00	.040	1.13	1.13	.00	.00
84069	169	165	6	.0	6.9036.	002600.	1.00	1.00	.040	1.10	1.10	.00	.00
84073	173	169	6	.0	6.6048.	732650.	.00	.00	.075	1.25	1.25	.00	.00
84077	177	173	6	.0	6.4025.	782600.	.20	.20	.042	1.01	1.01	.00	.00
84081	181	177	6	.0	6.1019.	002650.	.00	.00	.040	1.77	1.77	.00	.00
84094	94	95	6	.0	9.0024.	971250.	.00	.00	.028	2.31	2.31	.00	.00
84835	135	127	6	.0	7.5029.	002700.	.00	.10	.035	2.11	2.11	.00	.00
84951	8768	8868	6	.0	7.0015.	705728.	.00	.00	.129	1.28	1.28	.00	.00
85023	123	124	6	.0	7.00	4.941900.	.00	.00	.040	2.50	2.50	.00	.00
85024	124	125	6	.0	3.6028.	872670.	.00	3.40	1.395	1.85	1.85	.00	.00
85025	125	126	6	.0	7.0022.	402757.	.00	.00	.542	1.70	1.70	.00	.00
85026	126	8827	6	.0	3.6029.	014400.	4.60	.00	.350	1.53	1.53	.00	.00
85940	8827	8127	6	.0	6.1029.	014401.	.00	.00	.350	1.53	1.53	.00	.00
85941	8127	127	6	.0	6.1029.	014401.	.00	.00	.350	1.53	1.53	.00	.00
86054	54	62	6	.0	7.7028.	221250.	1.90	.00	.049	1.23	1.23	.00	.00
86062	62	76	6	.0	4.5020.	722620.	3.20	.00	.122	1.52	1.52	.00	.00
86076	76	87	6	.0	4.5010.	662640.	3.70	2.50	.041	1.60	1.60	.00	.00
87007	7	15	6	.0	5.9025.	392680.	2.20	.00	.121	1.51	1.51	.00	.00
87015	15	22	6	.0	6.7030.	292640.	2.00	.00	.047	1.22	1.22	.00	.00
87022	22	30	6	.0	8.0026.	382650.	1.60	.00	.040	1.15	1.15	.00	.00
87030	30	39	6	.0	8.0024.	752650.	1.20	.90	.040	1.47	1.47	.00	.00
87039	39	48	6	.0	9.4024.	622620.	.00	.00	.040	1.02	1.02	.00	.00
87048	48	53	6	.0	9.3014.	001280.	.70	1.50	.043	1.07	1.07	.00	.00
88004	4	5	6	.0	4.40	6.871413.	.00	.00	.093	1.92	1.92	.00	.00
88006	6	8006	6	.0	6.50	2.045325.	.90	.50	.047	1.66	1.66	.00	.00
88007	7	6	6	.0	6.6019.	015312.	.80	.80	.250	1.35	1.35	.00	.00
88009	9	8007	6	.0	7.5014.	705995.	.00	.00	.102	1.71	1.71	.00	.00
88149	49	50	6	.0	5.50	5.713800.	.00	3.60	.059	2.94	1.46	.00	.00
88191	8191	8891	6	.011.	4025.	832700.	.00	.00	.035	1.83	1.83	.00	.00
88240	40	41	6	.0	3.7023.	322769.	0.00	5.00	.957	1.59	1.59	.00	.00
88332	32	33	6	.0	4.5013.	973812.	0.00	.20	.208	1.54	1.54	.00	.00
88424	24	25	6	.0	7.2010.	005090.	3.80	2.80	.193	1.19	1.19	.00	.00
88517	17	8018	6	.0	4.5011.	414657.	.00	.00	.237	1.84	1.84	.00	.00
88809	9	10	6	.0	5.5012.	406100.	1.40	.00	.050	1.87	1.87	.00	.00
88810	10	18	6	.0	3.7020.	812700.	1.80	.00	.047	1.52	1.52	.00	.00
88818	18	25	6	.0	2.4048.	373000.	5.40	.00	.256	1.23	1.23	.00	.00
88825	25	33	6	.0	4.7013.	973000.	2.70	.00	.041	2.58	2.58	.00	.00
88833	33	41	6	.0	4.7062.	232700.	.00	.00	.048	1.97	1.97	.00	.00
88841	41	50	6	.011.	0014.	372810.	1.00	.00	.040	1.90	1.90	.00	.00
88850	50	66	6	.011.	5018.	333220.	.00	3.00	.041	2.38	2.38	.00	.00
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88942	8006	5	6	.0	5.50	2.045325.	.00	.00	.047	1.66	1.66	.00	.00
88943	8007	7	6	.0	7.5014.	705995.	.00	.00	.102	1.71	1.71	.00	.00

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88944 8018   18    6   .0 5.4011.414657.  .00 2.40 .237 1.84 1.84  .00  .00
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89202  102 8103    6   .0 5.0017.955726.  .00  .00 .243 1.55 1.55  .00  .00
89312  112 8113    6   .0 4.1032.364257.  .00  .00 .327 2.69 2.69  .00  .00
89945 8094   94    6   .0 5.00 9.274967.  .00 1.00 .135 1.76 1.76  .00  .00
89946 8103  103    6   .0 5.0017.955726.  .00 3.00 .243 1.55 1.55  .00  .00
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99999    0    0    0   .0  .00  .00   0.  .00  .00 .000  .00  .00  .00  .00
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    2123.0 18.5  0.0 -19.7
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    5123.5 18.0  0.0 -19.7
    6120.0 12.6  0.6 -15.7
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    9 23.5 15.6  0.0 -15.7
   10116.5 11.0  0.0 -1.6
   11127.0 22.8  0.0 -19.7
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   15119.5 10.8  0.6 -15.7
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   20123.0 16.4  0.6 -19.7
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   29119.0 11.4  0.6 -15.7
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   31124.0 17.0  0.0 -15.7
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  191
99999
99999
    2 2.0   .0   .0   .0   .0   .0   .0 .00
-99999
EXTRAN
 INDIAN RIVER FARMS WATER CONTROL DISTRICT - CANAL SYSTEM DRAINAGE ANALYSIS
 10 YEAR DESIGN STORM ; FILENAME - IRFEXT10.DAT ; JOB # 1920.00 ; 8/3/88
 7200 30.036.00   20   20    0    0    0 240    0   30 .050    1
      9133      9119       189      9159      8191      9055      9134      9083
        68       190         5        25        37        50        86        87
       105       127       146       174
      3084     84094     81019     81022     81030      5032     81018     82059
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	1200		4068	40923	3058								
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12	3	310	2	.010.	00150.	02500.	5.40	.00	.020	.00	.00	.00	.00
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15	10	309	2	.010.	00150.	02500.	5.50	.00	.020	.00	.00	.00	.00
16	11	310	2	.010.	00150.	02500.	4.20	.00	.020	.00	.00	.00	.00
17	13	306	2	.010.	00150.	02500.	6.30	.00	.020	.00	.00	.00	.00
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19	16	306	2	.010.	00150.	02500.	6.10	.00	.020	.00	.00	.00	.00
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25	26	310	2	.010.	00150.	02500.	7.20	.00	.020	.00	.00	.00	.00
26	27	306	2	.010.	00150.	02500.	6.40	.00	.020	.00	.00	.00	.00
27	28	306	2	.010.	00150.	02500.	6.00	.00	.020	.00	.00	.00	.00
28	32	309	2	.010.	00150.	02500.	6.30	.00	.020	.00	.00	.00	.00
29	33	309	2	.010.	00150.	02500.	4.70	.00	.020	.00	.00	.00	.00
30	35	305	2	.010.	00150.	02500.	7.30	.00	.020	.00	.00	.00	.00
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44	80	311	2	.010.	00150.	02500.	9.00	.00	.020	.00	.00	.00	.00
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46	85	314	2	.010.	00150.	02500.	4.60	.00	.020	.00	.00	.00	.00
47	87	314	2	.010.	00150.	02500.	10.00	.00	.020	.00	.00	.00	.00
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50	90	308	2	.010.	00150.	02500.	8.70	.00	.020	.00	.00	.00	.00
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52	93	314	2	.010.	00150.	02500.	5.50	.00	.020	.00	.00	.00	.00
53	96	314	2	.010.	00150.	02500.	4.50	.00	.020	.00	.00	.00	.00
54	97	314	2	.010.	00150.	02500.	7.10	.00	.020	.00	.00	.00	.00
55	98	308	2	.010.	00150.	02500.	2.50	.00	.020	.00	.00	.00	.00
56	100	308	2	.010.	00150.	02500.	6.50	.00	.020	.00	.00	.00	.00
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64	116	304	2	.010.	00150.	02500.	5.60	.00	.020	.00	.00	.00	.00
65	121	308	2	.010.	00150.	02500.	11.30	.00	.020	.00	.00	.00	.00
66	123	311	2	.010.	00150.	02500.	8.40	.00	.020	.00	.00	.00	.00
67	126	311	2	.010.	00150.	02500.	8.20	.00	.020	.00	.00	.00	.00
68	127	304	2	.010.	00150.	02500.	7.60	.00	.020	.00	.00	.00	.00
69	128	304	2	.010.	00150.	02500.	6.70	.00	.020	.00	.00	.00	.00
71	135	304	2	.010.	00150.	02500.	7.90	.00	.020	.00	.00	.00	.00
72	137	304	2	.010.	00150.	02500.	4.00	.00	.020	.00	.00	.00	.00
73	139	303	2	.010.	00150.	02500.	8.20	.00	.020	.00	.00	.00	.00
74	140	303	2	.010.	00150.	02500.	5.30	.00	.020	.00	.00	.00	.00
75	141	303	2	.010.	00150.	02500.	9.20	.00	.020	.00	.00	.00	.00
76	142	303	2	.010.	00150.	02500.	9.90	.00	.020	.00	.00	.00	.00
77	143	307	2	.010.	00150.	02500.	4.30	.00	.020	.00	.00	.00	.00
78	144	307	2	.010.	00150.	02500.	6.70	.00	.020	.00	.00	.00	.00
79	147	303	2	.010.	00150.	02500.	5.90	.00	.020	.00	.00	.00	.00
80	148	307	2	.010.	00150.	02500.	7.70	.00	.020	.00	.00	.00	.00
81	151	303	2	.010.	00150.	02500.	6.40	.00	.020	.00	.00	.00	.00
82	155	302	2	.010.	00150.	02500.	4.00	.00	.020	.00	.00	.00	.00
83	163	302	2	.010.	00150.	02500.	3.00	.00	.020	.00	.00	.00	.00
84	166	302	2	.010.	00150.	02500.	7.10	.00	.020	.00	.00	.00	.00
85	175	301	2	.010.	00150.	02500.	4.90	.00	.020	.00	.00	.00	.00
86	180	307	2	.010.	00150.	02500.	7.60	.00	.020	.00	.00	.00	.00
88	182	301	2	.010.	00150.	02500.	6.40	.00	.020	.00	.00	.00	.00
89	183	301	2	.010.	00150.	02500.	5.40	.00	.020	.00	.00	.00	.00
90	186	307	2	.010.	00150.	02500.	6.00	.00	.020	.00	.00	.00	.00

91	187	307	2	.010.00150.02500.	2.30	.00	.020	.00	.00	.00	.00
92	188	307	2	.010.00150.02500.	6.60	.00	.020	.00	.00	.00	.00
96	8006	306	2	.010.00150.02500.	7.00	.00	.020	.00	.00	.00	.00
97	8014	306	2	.010.00150.02500.	4.40	.00	.020	.00	.00	.00	.00
98	8018	309	2	.010.00150.02500.	8.70	.00	.020	.00	.00	.00	.00
99	8020	310	2	.010.00150.02500.	5.50	.00	.020	.00	.00	.00	.00
100	8021	306	2	.010.00150.02500.	5.80	.00	.020	.00	.00	.00	.00
101	8022	306	2	.010.00150.02500.	4.00	.00	.020	.00	.00	.00	.00
102	8024	306	2	.010.00150.02500.	5.50	.00	.020	.00	.00	.00	.00
103	8029	306	2	.010.00150.02500.	6.10	.00	.020	.00	.00	.00	.00
104	8030	306	2	.010.00150.02500.	4.60	.00	.020	.00	.00	.00	.00
105	8034	310	2	.010.00150.02500.	6.70	.00	.020	.00	.00	.00	.00
106	8037	305	2	.010.00150.02500.	5.10	.00	.020	.00	.00	.00	.00
107	8039	305	2	.010.00150.02500.	4.50	.00	.020	.00	.00	.00	.00
108	8044	310	2	.010.00150.02500.	5.10	.00	.020	.00	.00	.00	.00
109	8046	305	2	.010.00150.02500.	6.00	.00	.020	.00	.00	.00	.00
110	8048	305	2	.010.00150.02500.	5.50	.00	.020	.00	.00	.00	.00
111	8056	310	2	.010.00150.02500.	5.00	.00	.020	.00	.00	.00	.00
112	8058	310	2	.010.00150.02500.	7.20	.00	.020	.00	.00	.00	.00
113	8060	305	2	.010.00150.02500.	6.60	.00	.020	.00	.00	.00	.00
114	8068	310	2	.010.00150.02500.	7.40	.00	.020	.00	.00	.00	.00
115	8074	305	2	.010.00150.02500.	5.30	.00	.020	.00	.00	.00	.00
116	8081	311	2	.010.00150.02500.	6.10	.00	.020	.00	.00	.00	.00
117	8084	314	2	.010.00150.02500.	6.00	.00	.020	.00	.00	.00	.00
118	8086	314	2	.010.00150.02500.	7.60	.00	.020	.00	.00	.00	.00
119	8094	314	2	.010.00150.02500.	5.00	.00	.020	.00	.00	.00	.00
120	8097	314	2	.010.00150.02500.	5.00	.00	.020	.00	.00	.00	.00
121	8103	304	2	.010.00150.02500.	5.00	.00	.020	.00	.00	.00	.00
122	8106	314	2	.010.00150.02500.	5.40	.00	.020	.00	.00	.00	.00
123	8113	304	2	.010.00150.02500.	4.10	.00	.020	.00	.00	.00	.00
124	8127	304	2	.010.00150.02500.	6.10	.00	.020	.00	.00	.00	.00
125	8129	304	2	.010.00150.02500.	6.50	.00	.020	.00	.00	.00	.00
126	8139	303	2	.010.00150.02500.	5.90	.00	.020	.00	.00	.00	.00
127	8142	303	2	.010.00150.02500.	5.00	.00	.020	.00	.00	.00	.00
128	8144	307	2	.010.00150.02500.	6.00	.00	.020	.00	.00	.00	.00
129	8146	303	2	.010.00150.02500.	2.90	.00	.020	.00	.00	.00	.00
130	8150	303	2	.010.00150.02500.	5.80	.00	.020	.00	.00	.00	.00
131	8152	307	2	.010.00150.02500.	6.10	.00	.020	.00	.00	.00	.00
132	8168	307	2	.010.00150.02500.	5.10	.00	.020	.00	.00	.00	.00
133	8768	310	2	.010.00150.02500.	7.00	.00	.020	.00	.00	.00	.00
134	8813	304	2	.010.00150.02500.	6.40	.00	.020	.00	.00	.00	.00
135	8827	306	2	.010.00150.02500.	9.10	.00	.020	.00	.00	.00	.00
136	8856	310	2	.010.00150.02500.	5.50	.00	.020	.00	.00	.00	.00
137	8868	310	2	.010.00150.02500.	7.10	.00	.020	.00	.00	.00	.00
138	8884	314	2	.010.00150.02500.	6.30	.00	.020	.00	.00	.00	.00
139	8886	314	2	.010.00150.02500.	4.00	.00	.020	.00	.00	.00	.00
140	8897	314	2	.010.00150.02500.	4.90	.00	.020	.00	.00	.00	.00
141	9083	314	2	.010.00150.02500.	9.50	.00	.020	.00	.00	.00	.00
143	8684	314	2	.010.00150.02500.	5.60	.00	.020	.00	.00	.00	.00
144	8172	307	2	.010.00150.02500.	5.50	.00	.020	.00	.00	.00	.00
145	6	306	2	.010.00150.02500.	7.40	.00	.020	.00	.00	.00	.00
146	8	306	2	.010.00150.02500.	6.40	.00	.020	.00	.00	.00	.00
147	12	306	2	.010.00150.02500.	5.50	.00	.020	.00	.00	.00	.00
148	18	309	2	.010.00150.02500.	7.80	.00	.020	.00	.00	.00	.00
149	22	306	2	.010.00150.02500.	9.60	.00	.020	.00	.00	.00	.00
150	31	308	2	.010.00150.02500.	7.00	.00	.020	.00	.00	.00	.00
151	34	310	2	.010.00150.02500.	5.10	.00	.020	.00	.00	.00	.00
152	37	305	2	.010.00150.02500.	9.90	.00	.020	.00	.00	.00	.00
153	39	305	2	.010.00150.02500.	9.40	.00	.020	.00	.00	.00	.00
154	44	305	2	.010.00150.02500.	6.00	.00	.020	.00	.00	.00	.00
155	47	305	2	.010.00150.02500.	5.90	.00	.020	.00	.00	.00	.00
156	52	305	2	.010.00150.02500.	7.30	.00	.020	.00	.00	.00	.00
157	56	310	2	.010.00150.02500.	8.70	.00	.020	.00	.00	.00	.00
158	57	310	2	.010.00150.02500.	8.50	.00	.020	.00	.00	.00	.00
159	68	311	2	.010.00150.02500.	8.30	.00	.020	.00	.00	.00	.00
162	76	305	2	.010.00150.02500.	8.20	.00	.020	.00	.00	.00	.00
163	86	314	2	.010.00150.02500.	7.00	.00	.020	.00	.00	.00	.00
164	103	304	2	.010.00150.02500.	9.50	.00	.020	.00	.00	.00	.00
165	105	314	2	.010.00150.02500.	9.60	.00	.020	.00	.00	.00	.00
167	117	304	2	.010.00150.02500.	4.50	.00	.020	.00	.00	.00	.00
168	124	310	2	.010.00150.02500.	7.00	.00	.020	.00	.00	.00	.00
169	125	310	2	.010.00150.02500.	7.00	.00	.020	.00	.00	.00	.00
171	138	303	2	.010.00150.02500.	8.60	.00	.020	.00	.00	.00	.00
174	167	302	2	.010.00150.02500.	4.10	.00	.020	.00	.00	.00	.00
175	170	301	2	.010.00150.02500.	7.00	.00	.020	.00	.00	.00	.00
176	171	301	2	.010.00150.02500.	5.00	.00	.020	.00	.00	.00	.00
178	176	307	2	.010.00150.02500.	6.20	.00	.020	.00	.00	.00	.00
179	179	301	2	.010.00150.02500.	2.50	.00	.020	.00	.00	.00	.00
180	184	307	2	.010.00150.02500.	7.00	.00	.020	.00	.00	.00	.00
181	8072	310	2	.010.00150.02500.	9.00	.00	.020	.00	.00	.00	.00

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182 8080  311   2  .010.00150.02500.  6.50  .00 .020  .00  .00  .00  .00
183 8175  307   2  .010.00150.02500.  2.80  .00 .020  .00  .00  .00  .00
184 8668  311   2  .010.00150.02500.  4.70  .00 .020  .00  .00  .00  .00
185    5  306   2  .010.00150.02500.  5.50  .00 .020  .00  .00  .00  .00
186   25  309   2  .010.00150.02500. 10.40  .00 .020  .00  .00  .00  .00
187   69  311   2  .010.00150.02500.  9.50  .00 .020  .00  .00  .00  .00
188   84  314   2  .010.00150.02500.  9.70  .00 .020  .00  .00  .00  .00
190  153  302   2  .010.00150.02500.  8.90  .00 .020  .00  .00  .00  .00
191  157  302   2  .010.00150.02500.  9.10  .00 .020  .00  .00  .00  .00
193  169  301   2  .010.00150.02500.  7.90  .00 .020  .00  .00  .00  .00
194  177  301   2  .010.00150.02500.  6.70  .00 .020  .00  .00  .00  .00
195   62  305   2  .010.00150.02500.  7.70  .00 .020  .00  .00  .00  .00
196   94  314   2  .010.00150.02500.  9.00  .00 .020  .00  .00  .00  .00
197   95  314   2  .010.00150.02500.  9.80  .00 .020  .00  .00  .00  .00
198  111  314   2  .010.00150.02500. 12.50  .00 .020  .00  .00  .00  .00
199  165  302   2  .010.00150.02500.  8.50  .00 .020  .00  .00  .00  .00
200  172  307   2  .010.00150.02500.  8.50  .00 .020  .00  .00  .00  .00
201   30  306   2  .010.00150.02500.  9.20  .00 .020  .00  .00  .00  .00
202  130  308   2  .010.00150.02500. 15.10  .00 .020  .00  .00  .00  .00
203   48  305   2  .010.00150.02500. 10.00  .00 .020  .00  .00  .00  .00
204   53  305   2  .010.00150.02500. 12.20  .00 .020  .00  .00  .00  .00
205  113  304   2  .010.00150.02500.  7.50  .00 .020  .00  .00  .00  .00
250  301  173   2  .010.001000.2500.   .00 6.60 .020  .00  .00  .00  .00
251  301  181   2  .010.001000.2500.   .00 6.00 .020  .00  .00  .00  .00
252  302  161   2  .010.001000.2500.   .00 8.00 .020  .00  .00  .00  .00
253  302  162   2  .010.001000.2500.   .00 8.20 .020  .00  .00  .00  .00
254  303  145   2  .010.001000.2500.   .00 8.80 .020  .00  .00  .00  .00
255  303  149   2  .010.001000.2500.   .00 8.90 .020  .00  .00  .00  .00
256  304  136   2  .010.001000.2500.   .00 6.60 .020  .00  .00  .00  .00
257  304  129   2  .010.001000.2500.   .00 6.90 .020  .00  .00  .00  .00
258  305   74   2  .010.001000.2500.   .00 7.10 .020  .00  .00  .00  .00
259  305   60   2  .010.001000.2500.   .00 7.90 .020  .00  .00  .00  .00
260  306    7   2  .010.001000.2500.   .00 8.00 .020  .00  .00  .00  .00
261  306   14   2  .010.001000.2500.   .00 5.40 .020  .00  .00  .00  .00
262  307  152   2  .010.001000.2500.   .00 7.60 .020  .00  .00  .00  .00
263  307  189   2  .010.001000.2500.   .0014.80 .020  .00  .00  .00  .00
265  308  131   2  .010.001000.2500.   .0013.20 .020  .00  .00  .00  .00
266  309   33   2  .010.001000.2500.   .00 4.70 .020  .00  .00  .00  .00
267  309   10   2  .010.001000.2500.   .00 5.50 .020  .00  .00  .00  .00
268  310   72   2  .010.001000.2500.   .00 8.50 .020  .00  .00  .00  .00
269  310   58   2  .010.001000.2500.   .00 6.30 .020  .00  .00  .00  .00
270  314   97   2  .010.001000.2500.   .00 7.30 .020  .00  .00  .00  .00
271  314  106   2  .010.001000.2500.   .00 7.10 .020  .00  .00  .00  .00
272  311   70   2  .010.001000.2500.   .00 8.70 .020  .00  .00  .00  .00
300  301  400   2  .010.005000.2500.   .50  .00 .020  .00  .00  .00  .00
301  302  400   2  .010.005000.2500.   .00  .00 .020  .00  .00  .00  .00
302  303  400   2  .010.005000.2500.   .00  .00 .020  .00  .00  .00  .00
303  304  400   2  .010.005000.2500.   .00  .00 .020  .00  .00  .00  .00
304  305  400   2  .010.005000.2500.  1.50  .00 .020  .00  .00  .00  .00
305  306  400   2  .010.005000.2500.  1.00  .00 .020  .00  .00  .00  .00
306  314  400   2  .010.005000.2500.  1.50  .00 .020  .00  .00  .00  .00
400   13  500   2  .0 2.90  1.01250.  3.40 0.00 .999  .00  .00  .00  .00
401   20  500   2  .0 1.20  1.01250.  5.40 0.00 .999  .00  .00  .00  .00
402   26  500   2  .0 2.50  1.01250.  4.70 0.00 .999  .00  .00  .00  .00
403   32  500   2  .0 2.70  1.01250.  3.60 0.00 .999  .00  .00  .00  .00
404   35  500   2  .0  .20  1.01250.  7.10 0.00 .999  .00  .00  .00  .00
405   43  500   2  .0 1.40  1.01250.  4.10 0.00 .999  .00  .00  .00  .00
406   73  500   2  .0 1.60  1.01250.  4.30 0.00 .999  .00  .00  .00  .00
407   80  500   2  .0 1.40  1.01250.  7.60 0.00 .999  .00  .00  .00  .00
408   87  500   2  .0 1.30  1.01250.  8.70 0.00 .999  .00  .00  .00  .00
409   90  500   2  .0  .60  1.01250.  8.10 0.00 .999  .00  .00  .00  .00
410   93  500   2  .0 1.50  1.01250.  4.00 0.00 .999  .00  .00  .00  .00
411  102  500   2  .0 3.50  1.01250.  4.00 0.00 .999  .00  .00  .00  .00
412  112  500   2  .0 1.20  1.01250.  3.10 0.00 .999  .00  .00  .00  .00
414  123  500   2  .0 2.40  1.01250.  6.00 0.00 .999  .00  .00  .00  .00
415  128  500   2  .0 1.20  1.01250.  5.50 0.00 .999  .00  .00  .00  .00
416  147  500   2  .0 1.20  1.01250.  4.70 0.00 .999  .00  .00  .00  .00
417  183  500   2  .0  .20  1.01250.  5.20 0.00 .999  .00  .00  .00  .00
418  188  500   2  .0 1.60  1.01250.  5.00 0.00 .999  .00  .00  .00  .00
419 8018  500   2  .0 4.30  1.01250.  4.40 0.00 .999  .00  .00  .00  .00
420 8034  500   2  .0 2.30  1.01250.  4.40 0.00 .999  .00  .00  .00  .00
421 8058  500   2  .0 1.90  1.01250.  5.30 0.00 .999  .00  .00  .00  .00
422 8060  500   2  .0 1.60  1.01250.  5.00 0.00 .999  .00  .00  .00  .00
423 8086  500   2  .0 3.40  1.01250.  4.20 0.00 .999  .00  .00  .00  .00
424 8097  500   2  .0 1.30  1.01250.  3.70 0.00 .999  .00  .00  .00  .00
425 8106  500   2  .0 2.20  1.01250.  3.20 0.00 .999  .00  .00  .00  .00
426 8144  500   2  .0 2.00  1.01250.  4.00 0.00 .999  .00  .00  .00  .00
427 8152  500   2  .0 2.90  1.01250.  3.20 0.00 .999  .00  .00  .00  .00
428 8827  500   2  .0 4.00  1.01250.  5.10 0.00 .999  .00  .00  .00  .00
429 8856  500   2  .0 1.50  1.01250.  4.00 0.00 .999  .00  .00  .00  .00
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430	8884	500	2	.0	1.30	1.01250.	5.00	0.00	.999	.00	.00	.00	.00		
431	8897	501	2	.0	2.20	1.01250.	2.70	0.00	.999	.00	.00	.00	.00		
432	8072	501	2	.0	1.50	1.01250.	7.50	0.00	.999	.00	.00	.00	.00		
434	25	501	2	.0	.40	1.01250.	10.00	0.00	.999	.00	.00	.00	.00		
435	67	501	2	.0	.90	1.01250.	8.30	0.00	.999	.00	.00	.00	.00		
436	69	501	2	.0	.40	1.01250.	9.10	0.00	.999	.00	.00	.00	.00		
437	9	501	2	.0	.40	1.01250.	7.50	0.00	.999	.00	.00	.00	.00		
438	46	501	2	.0	1.50	1.01250.	8.20	0.00	.999	.00	.00	.00	.00		
439	66	501	2	.0	.70	1.01250.	17.80	0.00	.999	.00	.00	.00	.00		
440	95	501	2	.0	.10	1.01250.	9.70	0.00	.999	.00	.00	.00	.00		
441	101	501	2	.0	.50	1.01250.	4.70	0.00	.999	.00	.00	.00	.00		
442	104	501	2	.0	1.70	1.01250.	9.00	0.00	.999	.00	.00	.00	.00		
443	122	501	2	.0	.60	1.01250.	15.50	0.00	.999	.00	.00	.00	.00		
444	131	501	2	.0	1.80	1.01250.	11.40	0.00	.999	.00	.00	.00	.00		
445	133	501	2	.0	.50	1.01250.	15.00	0.00	.999	.00	.00	.00	.00		
446	154	501	2	.0	.30	1.01250.	8.80	0.00	.999	.00	.00	.00	.00		
447	178	501	2	.0	.40	1.01250.	8.10	0.00	.999	.00	.00	.00	.00		
448	183	501	2	.0	.20	1.01250.	5.20	0.00	.999	.00	.00	.00	.00		
449	188	501	2	.0	.60	1.01250.	6.00	0.00	.999	.00	.00	.00	.00		
450	8160	501	2	.0	1.60	1.01250.	17.70	0.00	.999	.00	.00	.00	.00		
451	8821	501	2	.0	.30	1.01250.	5.80	0.00	.999	.00	.00	.00	.00		
500	133	9134	2	.010.	001000.	2500.	15.50	8.50	.020	.00	.00	.00	.00		
501	9134	23	2	.010.	001000.	2500.	8.50	8.70	.020	.00	.00	.00	.00		
502	134	23	2	.010.	001000.	2500.	8.30	8.70	.020	.00	.00	.00	.00		
503	9133	133	2	.010.	001000.	2500.	14.40	15.50	.020	.00	.00	.00	.00		
504	189	8200	2	.010.	001000.	2500.	14.80	8.50	.020	.00	.00	.00	.00		
1000	160	189	6	.014.	8015.	971850.	.00	.00	.045	1.69	1.69	.00	.00		
1001	8200	200	6	.0	8.50	99.	004350.	.00	.00	.040	2.72	2.72	.00	.00	
1002	189	8200	6	.014.	8015.	971250.	.00	.00	.040	1.69	1.69	.00	.00		
1004	104	105	6	.0	9.	0042.	761250.	.00	.60	.034	1.10	1.10	.00	.00	
1015	115	104	6	.0	6.	9039.	242716.	1.60	.00	.038	1.22	1.22	.00	.00	
1029	129	115	6	.0	6.	8029.	142547.	.20	.00	.050	1.72	1.72	.00	.00	
1036	136	129	6	.0	6.	1033.	392640.	.60	.00	.038	1.57	1.57	.00	.00	
1039	139	136	6	.0	5.	8043.	252650.	2.40	.00	.037	1.45	1.45	.00	.00	
1042	142	146	6	.0	9.	0027.	292640.	.00	.00	.040	1.24	1.24	.00	.00	
1046	146	150	6	.0	7.	1026.	522620.	1.90	.00	.040	1.37	1.37	.00	.00	
1050	150	154	6	.0	7.	6035.	622620.	1.40	.20	.040	1.13	1.13	.00	.00	
1058	154	158	6	.0	8.	8031.	001290.	.00	1.60	.040	1.23	1.23	.00	.00	
1062	162	158	6	.0	7.	5023.	501260.	.80	2.30	.040	1.19	1.19	.00	.00	
1066	166	162	6	.0	6.	5035.	742650.	0.60	.00	.047	1.12	1.12	.00	.00	
1070	170	166	6	.0	6.	5023.	562640.	.50	0.60	.042	1.19	1.19	.00	.00	
1074	174	170	6	.0	6.	8019.	322640.	.80	.20	.040	1.07	1.07	.00	.00	
1078	178	174	6	.0	7.80	7.	272650.	.00	.00	.040	1.32	1.32	.00	.00	
1082	182	178	6	.0	6.40	9.	002644.	.00	1.70	.392	1.12	1.12	.00	.00	
1100	23	190	6	.010.	001000.	2484.	4.20	.00	.040	6.53	6.53	.00	.00		
1103	103	104	6	.0	4.	5013.	685292.	5.00	.70	.686	1.45	1.45	.00	.00	
1200	66	8191	6	.015.	2025.	831250.	.00	.00	.045	1.83	1.83	.00	.00		
1214	114	115	6	.0	3.	7014.	444787.	.00	2.60	.251	1.29	1.29	.00	.00	
1216	116	115	6	.0	5.60	9.	443370.	.00	.90	.390	1.60	1.60	.00	.00	
1217	117	111	6	.0	4.	5020.	001475.	.00	.00	.312	1.50	1.50	.00	.00	
1328	128	129	6	.0	6.50	7.	565108.	.00	.50	.223	1.44	1.44	.00	.00	
1331	31	8129	6	.0	6.	5012.	296085.	.00	.00	.232	1.39	1.39	.00	.00	
1435	135	136	6	.0	5.	1010.	145229.	2.50	1.60	.372	1.36	1.36	.00	.00	
1437	137	136	6	.0	4.	0013.	126131.	.00	2.20	.310	1.48	1.48	.00	.00	
1538	138	139	6	.0	8.	2018.	135258.	.00	.00	.531	1.13	1.13	.00	.00	
1540	140	8139	6	.0	5.	3017.	953772.	.00	.00	.214	1.24	1.24	.00	.00	
1641	141	142	6	.0	5.	7017.	015175.	2.80	4.20	.392	1.29	1.29	.00	.00	
1643	143	8142	6	.0	4.	3014.	154532.	.00	.00	.237	1.17	1.17	.00	.00	
1745	145	146	6	.0	5.	0012.	545251.	3.90	.10	.496	1.19	1.19	.00	.00	
1747	147	8146	6	.0	2.	9015.	444859.	.60	.00	.775	1.01	1.01	.00	.00	
1849	149	150	6	.0	4.	5016.	405148.	4.50	2.00	.730	1.19	1.19	.00	.00	
1851	151	8150	6	.0	5.	8030.	264072.	.00	.00	.391	1.12	1.12	.00	.00	
1953	153	154	6	.0	4.	5017.	405182.	4.40	4.10	.315	1.10	1.10	.00	.00	
1955	155	154	6	.0	4.	0010.	465350.	.00	4.10	.239	1.02	1.02	.00	.00	
2006	6	14	6	.0	5.	5029.	512600.	.00	.00	.035	1.56	1.56	.00	.00	
2014	14	21	6	.0	5.	1034.	592600.	.40	.00	.041	1.93	1.93	.00	.00	
2021	21	29	6	.0	5.	8039.	032630.	.40	.00	.037	1.70	1.70	.00	.00	
2029	29	37	6	.0	6.	0039.	382700.	1.60	.00	.038	1.66	1.66	.00	.00	
2037	37	46	6	.0	8.	1037.	002700.	1.80	.00	.035	1.71	1.71	.00	.00	
2046	46	52	6	.0	6.	3027.	201350.	1.40	1.00	.035	2.78	2.78	.00	.00	
2060	60	52	6	.0	7.	3027.	671310.	.00	.00	.037	2.63	2.63	.00	.00	
2074	74	60	6	.0	5.	2048.	762650.	.00	2.80	.035	2.20	2.20	.00	.00	
2086	86	97	6	.0	6.	0039.	502700.	1.00	.00	.035	2.12	2.12	.00	.00	
2097	97	106	6	.0	6.	0038.	002700.	1.00	1.10	.035	2.18	2.18	.00	.00	
2107	107	8106	6	.0	4.	2023.	313480.	.40	.00	.637	1.32	1.32	.00	.00	
2296	96	8097	6	.0	4.	5022.	364667.	.00	.00	.526	1.27	1.27	.00	.00	
2298	98	8897	6	.0	2.	5016.	665524.	.00	.00	.391	1.54	1.54	.00	.00	
2385	85	8684	6	.0	4.	0021.	611627.	.60	.00	.496	1.41	1.41	.00	.00	
2387	87	8886	6	.0	4.	0018.	057934.	.00	.00	.269	1.70	1.70	.00	.00	
2388	88	87	6	.0	3.80	.002759.		.20	4.90	.480	2.27	2.27	.00	.00	

2473	73	8074	6	.0	5.30	14.965014.	.00	.00	.157	1.56	1.56	.00	.00
2475	75	74	6	.0	4.20	19.165346.	.00	2.40	.337	1.41	1.41	.00	.00
2477	77	76	6	.0	4.30	11.512751.	.00	2.80	.407	1.48	1.48	.00	.00
2559	59	8060	6	.0	4.70	6.535314.	.00	.00	.162	1.54	1.54	.00	.00
2561	61	60	6	.0	4.80	5.232691.	.20	3.20	.180	1.88	1.88	.00	.00
2563	63	62	6	.0	3.50	30.785282.	.00	1.20	.210	1.72	1.72	.00	.00
2645	45	8046	6	.0	4.50	18.945236.	.00	.00	.117	1.45	1.45	.00	.00
2647	47	48	6	.0	5.90	7.001353.	.00	3.60	1.510	1.26	1.26	.00	.00
2649	49	8048	6	.0	5.50	10.914513.	.00	.00	.239	1.37	1.37	.00	.00
2736	36	8037	6	.0	3.00	10.965216.	.00	.00	.155	1.48	1.48	.00	.00
2738	38	37	6	.0	4.90	11.801367.	.00	4.40	.139	1.49	1.49	.00	.00
2828	28	8029	6	.0	6.00	12.485165.	.00	.00	.136	1.42	1.42	.00	.00
2830	30	29	6	.0	5.50	17.995332.	2.20	2.10	.341	1.41	1.41	.00	.00
2832	32	8030	6	.0	4.60	12.585280.	.00	.00	.143	1.43	1.43	.00	.00
2921	21	22	6	.0	4.60	18.495342.	1.60	2.90	.343	1.38	1.38	.00	.00
2991	8821	8021	6	.0	5.80	5.395292.	0.00	.00	.163	1.73	1.73	.00	.00
3005	5	12	6	.0	5.00	7.002625.	.50	.00	.040	1.71	1.71	.00	.00
3012	12	20	6	.0	5.50	22.182625.	.00	.30	.040	2.22	2.22	.00	.00
3020	20	27	6	.0	6.40	13.982790.	.00	.00	.153	1.51	1.51	.00	.00
3027	27	35	6	.0	5.20	9.342640.	.20	.00	.151	2.05	2.05	.00	.00
3035	35	44	6	.0	4.20	10.002640.	2.10	1.80	.040	1.90	1.90	.00	.00
3044	44	58	6	.0	6.00	16.002640.	.00	.20	.035	1.50	1.50	.00	.00
3058	58	72	6	.0	6.30	28.302650.	.00	1.60	.036	1.18	1.18	.00	.00
3072	72	9083	6	.0	8.50	40.782300.	.00	.00	.035	2.43	2.43	.00	.00
3083	83	84	6	.0	9.70	36.001250.	.00	.00	.020	1.47	1.47	.00	.00
3084	84	95	6	.0	9.70	41.972650.	.00	0.00	.038	1.79	1.79	.00	.00
3182	82	8884	6	.0	4.50	4.001450.	2.50	.00	2.376	1.89	1.89	.00	.00
3256	57	8058	6	.0	5.70	16.233960.	2.80	.00	.151	1.35	1.35	.00	.00
3257	57	56	6	.0	8.50	14.452597.	0.00	.00	.472	1.76	1.76	.00	.00
3343	43	8044	6	.0	5.10	9.313421.	.00	.00	.121	1.45	1.45	.00	.00
3434	34	35	6	.0	4.70	9.615309.	.40	2.40	.236	1.64	1.64	.00	.00
3526	26	27	6	.0	5.70	11.295278.	.00	.70	.131	1.70	1.70	.00	.00
3619	19	8020	6	.0	5.30	11.343309.	.00	.00	.110	1.86	1.86	.00	.00
3711	11	12	6	.0	4.20	15.433266.	.00	.50	.398	1.22	1.22	.00	.00
4067	67	68	6	.0	8.30	11.022600.	.00	.00	.041	2.27	2.27	.00	.00
4068	68	69	6	.0	7.90	22.002680.	.40	.00	.035	2.00	2.00	.00	.00
4069	69	70	6	.0	8.70	5.711250.	.40	.10	.031	2.13	2.13	.00	.00
4070	70	71	6	.0	6.10	12.073300.	.00	.80	.042	4.76	4.76	.00	.00
4071	71	8072	6	.0	6.90	24.122650.	.00	.00	.037	2.63	2.63	.00	.00
4081	81	67	6	.0	7.00	18.502600.	.00	1.10	.040	1.31	1.31	.00	.00
4303	3	8034	6	.0	5.40	7.334932.	.00	.00	.091	3.38	3.38	.00	.00
4357	57	34	6	.0	2.70	16.865425.	2.00	2.40	.047	1.57	1.57	.00	.00
4402	2	8856	6	.0	4.50	12.685287.	.00	.00	.058	1.47	1.47	.00	.00
4456	56	69	6	.0	8.70	19.502640.	.00	.30	.127	1.02	1.02	.00	.00
4482	82	70	6	.0	7.00	17.252599.	.00	.00	.197	1.92	1.92	.00	.00
4492	92	82	6	.0	6.90	2.311250.	.00	.00	.500	1.39	1.39	.00	.00
4501	1	8768	6	.0	6.50	8.501270.	.00	.00	.134	1.67	1.67	.00	.00
4625	125	8081	6	.0	3.00	19.515302.	4.00	.00	.098	1.10	1.10	.00	.00
4680	80	81	6	.0	7.00	13.682640.	.60	.00	.040	1.42	1.42	.00	.00
4724	124	8080	6	.0	5.00	20.775272.	2.00	.00	.161	1.41	1.41	.00	.00
5000	100	99	6	.0	3.40	13.931338.	3.10	.00	.173	1.36	1.36	.00	.00
5008	108	121	6	.0	9.60	14.122626.	.00	.00	.123	1.37	1.37	.00	.00
5021	121	131	6	.011	3.30	17.732603.	.00	.10	.189	1.15	1.15	.00	.00
5031	131	132	6	.011	.20	7.961250.	.00	.00	.094	1.58	1.58	.00	.00
5032	132	133	6	.011	.20	11.541250.	.00	3.80	.037	1.08	1.08	.00	.00
5078	78	65	6	.0	8.40	39.452561.	.00	1.60	.351	1.38	1.38	.00	.00
5089	89	90	6	.0	6.60	1.812631.	.40	1.50	.495	2.50	2.50	.00	.00
5090	90	78	6	.0	7.60	16.472820.	.00	.80	.197	1.37	1.37	.00	.00
5099	99	108	6	.0	6.20	8.786246.	.60	.40	.061	1.41	1.41	.00	.00
5207	107	108	6	.0	4.60	5.556238.	.00	4.10	.426	1.82	1.82	.00	.00
5209	109	108	6	.0	3.40	18.352223.	.00	1.20	.341	1.68	1.68	.00	.00
5398	98	99	6	.0	2.50	5.502627.	.00	1.20	.222	1.80	1.80	.00	.00
5488	88	89	6	.0	4.00	16.083847.	.00	1.00	.502	1.54	1.54	.00	.00
5577	77	8078	6	.0	4.30	6.022605.	.00	0.00	.608	1.56	1.56	.00	.00
5663	63	65	6	.0	3.50	10.742425.	0.00	8.80	.476	2.02	2.02	.00	.00
5840	40	8039	6	.0	3.70	16.175287.	.00	.00	.496	1.38	1.38	.00	.00
7068	168	8860	6	.0	8.00	32.833240.	.50	.00	.055	1.48	1.48	.00	.00
7072	172	168	6	.0	7.90	21.001750.	.60	.00	.040	1.94	1.94	.00	.00
7076	176	172	6	.0	5.70	29.672670.	.50	.00	.059	1.27	1.27	.00	.00
7080	180	176	6	.0	6.20	19.002781.	.00	.00	.127	1.78	1.78	.00	.00
7084	184	180	6	.0	6.70	14.442800.	.00	.90	.042	1.67	1.67	.00	.00
7086	186	184	6	.0	5.90	9.502881.	.10	.00	.243	1.82	1.82	.00	.00
7088	188	186	6	.0	6.00	16.132907.	.00	.00	.196	1.40	1.40	.00	.00
7267	167	8168	6	.0	3.30	21.913195.	.80	.00	.194	1.65	1.65	.00	.00
7371	171	8172	6	.0	3.90	13.422494.	1.10	.00	.363	1.08	1.08	.00	.00
7475	175	8176	6	.0	2.80	10.051254.	.00	.00	.161	1.35	1.35	.00	.00
7579	179	180	6	.0	2.50	.041260.	.00	2.00	.050	1.64	1.64	.00	.00
7683	183	182	6	.0	5.10	1.001296.	.10	1.30	.113	1.63	1.63	.00	.00
7785	185	186	6	.0	3.00	27.083179.	.00	2.00	.058	1.29	1.29	.00	.00
7887	187	188	6	.0	2.50	13.611719.	.00	3.10	1.164	1.72	1.72	.00	.00

8044	144	148	6	.0	5.7015.422771.	.00	.00	.253	1.41	1.41	.00	.00
8048	148	152	6	.0	6.3024.772747.	1.40	.00	.219	1.10	1.10	.00	.00
8052	152	160	6	.0	7.3013.993822.	.30	1.80	.056	1.46	1.46	.00	.00
8251	151	8152	6	.0	4.2011.436311.	2.20	.00	.119	1.19	1.19	.00	.00
8347	147	148	6	.0	5.7018.675348.	.00	2.00	.843	1.11	1.11	.00	.00
8443	143	8144	6	.0	4.2010.433244.	.10	.00	.337	1.19	1.19	.00	.00
11061	161	162	6	.0	5.7013.205238.	2.40	2.10	.193	1.15	1.15	.00	.00
11063	163	162	6	.0	3.0027.175330.	.00	1.60	.225	1.09	1.09	.00	.00
11165	165	166	6	.0	6.7017.405202.	1.80	.00	.692	1.14	1.14	.00	.00
11167	167	166	6	.0	4.1011.345350.	.00	0.60	.049	1.00	1.00	.00	.00
11269	169	170	6	.0	5.5019.165134.	2.40	.00	.506	1.32	1.32	.00	.00
11271	171	170	6	.0	5.0013.575485.	.00	1.00	.169	2.77	2.77	.00	.00
11373	173	174	6	.0	5.2012.745113.	1.40	1.50	.319	1.18	1.18	.00	.00
11375	175	174	6	.0	4.90 8.595751.	.00	1.60	.118	1.22	1.22	.00	.00
11477	177	178	6	.0	3.7014.195136.	3.00	3.40	.099	1.64	1.64	.00	.00
11479	179	178	6	.0	2.50 5.964277.	.00	2.00	.063	1.15	1.15	.00	.00
11581	181	182	6	.0	4.6010.825268.	1.50	1.50	.433	1.12	1.12	.00	.00
13901	8129	129	6	.0	6.5012.296085.	.00	.50	.232	1.39	1.39	.00	.00
15902	8139	139	6	.0	5.9017.953772.	.00	2.20	.214	1.24	1.24	.00	.00
16903	8142	142	6	.0	5.0014.154532.	.00	2.80	.237	1.17	1.17	.00	.00
17904	8146	146	6	.0	2.9015.444859.	.00	2.50	.775	1.01	1.01	.00	.00
18905	8150	150	6	.0	5.8030.264072.	.00	1.80	.402	1.15	1.15	.00	.00
21008	8	14	6	.0	5.1013.002652.	.00	.40	.259	1.67	1.67	.00	.00
21013	13	8014	6	.0	4.40 7.394873.	.00	.00	.382	1.32	1.32	.00	.00
21016	16	15	6	.0	6.1010.065306.	.00	2.00	.160	1.54	1.54	.00	.00
21808	8	15	6	.0	5.50 7.002672.	.90	2.00	.117	1.94	1.94	.00	.00
21906	8106	106	6	.0	3.5023.313480.	.00	3.60	.637	1.32	1.32	.00	.00
21937	8014	14	6	.0	2.50 7.394873.	.00	3.00	.382	1.32	1.32	.00	.00
22907	8097	97	6	.0	4.7022.364667.	.00	2.40	.526	1.27	1.27	.00	.00
22908	8897	97	6	.0	3.7016.665524.	.00	3.40	.391	1.54	1.54	.00	.00
23084	8684	84	6	.0	5.6033.002291.	.00	1.20	.759	1.45	1.45	.00	.00
23909	8886	86	6	.0	4.0018.057934.	.00	3.00	.269	1.70	1.70	.00	.00
24910	8074	74	6	.0	5.2014.965014.	.00	2.00	.157	1.56	1.56	.00	.00
25911	8060	60	6	.0	6.00 6.535314.	.00	2.00	.162	1.54	1.54	.00	.00
26912	8046	46	6	.0	6.0018.945236.	.00	2.20	.117	1.45	1.45	.00	.00
26913	8048	48	6	.0	5.5010.914513.	.00	2.50	.239	1.37	1.37	.00	.00
29818	8024	8022	6	.0	4.0015.833960.	.00	0.00	.132	1.27	1.27	.00	.00
29914	8037	37	6	.0	5.1010.965216.	.00	3.20	.155	1.48	1.48	.00	.00
29915	8029	29	6	.0	6.1012.485165.	.00	1.40	.136	1.42	1.42	.00	.00
29916	8030	30	6	.0	4.6012.585250.	.00	1.40	.143	1.43	1.43	.00	.00
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29918	8024	24	6	.0	5.5015.832640.	.00	.00	.132	1.27	1.27	.00	.00
31919	8084	84	6	.0	6.00 9.864594.	.00	3.20	.199	1.37	1.37	.00	.00
32920	8058	58	6	.0	6.3016.233960.	.00	.00	.151	0.74	0.74	.00	.00
33921	8044	44	6	.0	5.10 9.313421.	.00	.90	.121	1.45	1.45	.00	.00
36912	8022	22	6	.0	4.0011.343309.	.00	1.40	.132	1.86	1.86	.00	.00
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40923	8072	72	6	.0	8.5024.125240.	.00	0.00	.037	2.63	2.63	.00	.00
43924	8034	34	6	.0	5.10 7.334931.	.00	.00	.091	3.38	3.38	.00	.00
44925	8856	8056	6	.0	5.0012.685287.	.00	.00	.058	1.47	1.47	.00	.00
44926	8056	56	6	.0	5.0012.685287.	.00	2.90	.058	1.47	1.47	.00	.00
45101	101	8668	6	.0	4.7023.783950.	.00	.00	.099	1.45	1.45	.00	.00
45927	8868	8068	6	.0	7.1015.705728.	.00	.00	.134	1.28	1.28	.00	.00
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47931	8080	80	6	.0	6.5020.775272.	.00	.00	.161	1.41	1.41	.00	.00
55077	8078	78	6	.0	5.50 5.675151.	0.00	0.60	.603	1.33	1.33	.00	.00
58932	8039	39	6	.0	4.5016.175287.	.00	4.90	.496	1.38	1.38	.00	.00
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71039	139	142	6	.0	5.8038.702640.	2.40	2.20	.036	1.99	1.99	.00	.00
71217	117	116	6	.0	4.50 9.721900.	.00	.00	.489	1.55	1.55	.00	.00
71331	31	122	6	.0	7.0025.001300.	.00	.00	.314	1.09	1.09	.00	.00
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72385	85	8086	6	.0	4.6021.703894.	0.00	.00	.264	1.41	1.41	.00	.00
72475	75	76	6	.0	3.8011.532604.	.40	2.80	.216	1.52	1.52	.00	.00
72561	61	62	6	.0	5.0018.205320.	.00	.90	.294	1.17	1.17	.00	.00
72647	47	46	6	.0	4.5017.004036.	1.40	3.70	.282	1.50	1.50	.00	.00
72738	38	39	6	.0	4.8016.351250.	.10	2.40	.139	1.65	1.65	.00	.00
72934	8168	168	6	.0	5.1021.913195.	.00	1.60	.194	1.65	1.65	.00	.00
72938	8086	86	6	.0	5.2021.703894.	.00	1.80	.264	1.41	1.41	.00	.00
73172	8172	172	6	.0	5.5018.111405.	.00	2.00	.677	1.11	1.11	.00	.00
74176	8176	176	6	.0	2.80 6.392369.	.00	2.00	.276	1.41	1.41	.00	.00
75089	89	100	6	.0	6.5012.581282.	.00	.00	.282	1.49	1.49	.00	.00
77683	183	184	6	.0	3.60 9.394300.	.00	3.40	.298	1.53	1.53	.00	.00
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81019	119	122	5	.015.5049.121810.	.00	.00	.035	1.80	1.80	.00	.00
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81034	134	23	5	.0 8.3022.811560.	.00	.00	.049	3.59	3.59	.00	.00
81036	95	105	5	.0 9.6046.675880.	.00	.00	.025	1.31	1.31	.00	.00
82057	157	158	5	.0 9.1040.085150.	.00	.70	.050	1.11	1.11	.00	.00
82058	158	9159	6	.010.4033.005530.	.00	.00	.050	1.10	1.10	.00	.00
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84951	8768	8868	6	.0 7.0015.705728.	.00	.00	.129	1.28	1.28	.00	.00
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99120.2 13.4 0.0 -1.6
100118.0 11.5 0.0 -1.6
101 27.0 21.8 0.0 -19.7
102127.0 19.5 0.0 -15.7
103120.5 11.0 0.6 -15.7
104121.5 10.8 0.6 -15.7
105120.0 10.4 0.6 -15.7
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107122.6 18.0 0.0 -15.7
108121.0 11.4 0.0 -1.6
109118.0 14.6 0.0 -1.6
110120.0 7.7 0.6 -15.7
111120.5 8.0 0.6 -15.7
112124.5 20.2 0.0 -15.7
113121.0 13.4 0.6 -15.7
114120.5 16.8 0.0 -15.7
115119.5 11.0 0.6 -15.7
116121.0 15.4 0.0 -15.7
117120.0 15.5 0.0 -15.7
119123.0 7.0 0.6 -8.6
121118.5 7.2 0.0 -1.6
122 23.0 6.9 0.6 -8.6
123124.5 16.1 0.6 -19.7
124123.0 16.0 0.6 -19.7
125125.0 18.0 0.0 -19.7
126124.0 15.8 0.0 -15.7
127119.0 11.4 0.6 -15.7
128119.5 12.8 0.6 -15.7
129119.5 12.5 0.6 -15.7
130120.5 5.4 0.0 -8.6
131117.0 3.8 0.0 -8.6
132113.0 1.8 0.0 -1.6
133112.5 -3.0 0.0 -1.6
134104.5 -3.8 0.0 -1.6
135119.5 11.6 0.6 -15.7
136119.5 12.8 0.6 -15.7
137121.5 17.5 0.6 -15.7
138120.0 11.4 0.6 -15.7
139120.0 11.8 0.6 -15.7
140122.5 17.2 0.0 -15.7
141120.0 10.8 0.6 -15.7
142121.5 11.6 0.6 -15.7
143123.0 18.7 0.0 -15.7
144117.5 10.8 0.0 -1.6
145119.5 10.6 0.6 -15.7
146120.5 11.5 0.6 -15.7
147123.5 17.6 0.0 -15.7
148117.5 9.8 0.0 -1.6
149119.5 10.5 0.6 -15.7
150121.0 12.0 0.6 -15.7
151124.0 17.6 0.0 -15.7
152116.0 8.4 0.0 -1.6
153119.5 10.6 0.6 -15.7
154120.5 11.4 0.6 -15.7
155121.5 17.5 0.0 -15.7
157119.5 10.4 0.6 -15.7
158120.0 9.6 0.6 -15.7
159 23.5 5.8 0.0 -1.6
160 18.0 1.5 0.6 -1.6
161119.5 11.4 0.6 -15.7
162119.5 11.2 0.6 -15.7
163122.0 19.0 0.0 -15.7
165120.0 11.5 0.6 -15.7
166119.5 12.4 0.6 -15.7

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167122.5 18.4  0.0 -15.7
168 19.5 11.0  0.0 -1.6
169119.5 11.6  0.6 -15.7
170120.5 13.5  0.6 -15.7
171122.5 17.5  0.0 -15.7
172119.0 10.5  0.0 -1.6
173118.0 11.4  0.6 -15.7
174121.0 13.2  0.6 -15.7
175124.5 19.6  0.0 -15.7
176118.0 11.8  0.0 -1.6
177119.5 12.8  0.6 -15.7
178121.5 13.0  0.6 -15.7
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181119.0 12.9  0.6 -15.7
182121.0 14.6  0.6 -15.7
183123.0 17.6  0.0 -15.7
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186118.0 12.0  0.0 -1.6
187123.5 21.0  0.0 -1.6
188120.0 13.4  0.0 -1.6
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310100.0 22.0  0.0 -22.0
311100.0 23.0  0.0 -23.0
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400100.0 19.5  0.0 -19.5
500100.0 30.0  0.0 -30.0
501100.0 30.0  0.0 -30.0
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8030120.0 15.4  0.0 -15.7
8034123.8 17.1  0.6 -19.7
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8039121.5 17.0  0.6 -15.7
8044123.3 18.2  0.6 -19.7
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8058123.5 16.3  0.6 -19.7
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8113122.0 17.9  0.0 -15.7
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8146119.0 16.1  0.0 -15.7
8150121.5 15.7  0.0 -15.7
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8821 22.5 16.4  0.6 -15.7
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8856123.7 18.2  0.6 -19.7
8860120.0  6.1  0.0 -1.6
8868123.5 16.4  0.6 -19.7
8884123.0 16.7  0.6 -19.7
8886120.0 16.0  0.6 -15.7
8891110.0 -1.4  0.0 -1.6
8897121.4 16.5  0.6 -15.7
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9083121.5 12.0  0.0 -19.7
9119 20.5  7.9  0.0 -15.7
9133117.0  2.6  0.0 -8.6
9134105.0 -3.5  0.0 -1.6
9159 20.5  7.0  0.0 -15.7
99999   .0   .0   .0
  301 35.0178.0
  302 35.0245.0
  303 35.05.3
  304 35.0349.8
  305 35.0241.3
  306 35.0166.5
  307 35.0370.0
  308 35.0294.0
  309 35.0309.0
  310 35.0364.3
  311 35.0198.2
  314 35.0254.0
  400 35.02400.
99999   .0   .0
99999    0    0   .0  .00   .0
 9134  134    1 5.0018.50 119. 3.30
 9133  133    1 5.7016.40  30. 4.25
99999    0    0  .00  .00   0.  .00
99999    0    0   .0   .0   .0   .0   0.   0.   0.
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  191
99999
99999
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-99999
ENDPROGR
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 0  9  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
 1  2  0  0  0
RUNOFF
A1 INDIAN RIVER FARMS WATER CONTROL DISTRICT - CANAL SYSTEM DRAINAGE ANALYSIS
A1 10 YEAR DESIGN STORM ; FILENAME - IRFEXT10.DAT ; JOB # 1920.00 ; 5/30/88
B1  0 0  0    5    0    0    1    0    0  24   02   88    0    0    0
B2       96  60.0 25.0.0000   .0    0
E1       48 120.0
E2     .043 .043 .043 .046 .043 .043 .043 .043 .046 .043
E2     .043 .043 .064 .064 .061 .064 .064 .061 .064 .064
E2     .064 .064 .061 .064 .071 .089 .135 .193 .2711.579
E2     .578 .221 .128 .128 .086 .086 .032 .034 .034 .034
E2     .034 .034 .034 .034 .034 .034 .034 .034 .0   .0
E2     .043 .043 .043 .046 .043 .043 .043 .043 .046 .043
E2     .043 .043 .064 .064 .061 .064 .064 .061 .064 .064
E2     .064 .064 .061 .064 .071 .089 .135 .193 .2711.579
E2     .578 .221 .128 .128 .086 .086 .032 .034 .034 .034
E2     .034 .034 .034 .034 .034 .034 .034 .034 .0   .0
E2     .043 .043 .043 .046 .043 .043 .043 .043 .046 .043
E2     .043 .043 .064 .064 .061 .064 .064 .061 .064 .064
E2     .064 .064 .061 .064 .071 .089 .135 .193 .2711.579
E2     .578 .221 .128 .128 .086 .086 .032 .034 .034 .034
E2     .034 .034 .034 .034 .034 .034 .034 .034 .0   .0
E2     .043 .043 .043 .046 .043 .043 .043 .043 .046 .043
E2     .043 .043 .064 .064 .061 .064 .064 .061 .064 .064
E2     .064 .064 .061 .064 .071 .089 .135 .193 .2711.579
E2     .578 .221 .128 .128 .086 .086 .032 .034 .034 .034
E2     .034 .034 .034 .034 .034 .034 .034 .034 .0   .0
E2     .043 .043 .043 .046 .043 .043 .043 .043 .046 .043
E2     .043 .043 .064 .064 .061 .064 .064 .061 .064 .064
E2     .064 .064 .061 .064 .071 .089 .135 .193 .2711.579
E2     .578 .221 .128 .128 .086 .086 .032 .034 .034 .034
E2     .034 .034 .034 .034 .034 .034 .034 .034 .0   .0
F1     .001 .001 .001 .001 .001 .001 .001 .001 .001 .001 .001 .001
G2        0    0    0    .000       .00    .0000     .0000    .0000    .0000     .000
H1   2    1     1 2036070.0 10.0.0001.22000.440 .100 .200 6.00 .005    .000760
H1   2    2     2 5344184.0  5.0.0001.27000.540 .100 .200 6.00 .005    .000760
H1   2    3     3 5200328.2  5.0.0001.27000.540 .100 .200 6.00 .005    .000760
H1   2    4     4 1300147.4  5.0.0001.27000.540 .100 .200 7.00 .005    .000760
H1   2    5     5 3720110.9  5.0.0003.27000.540 .100 .200 6.00 .005    .000760
H1   2    6     6 5670202.7  5.0.0001.27000.540 .100 .200 6.00 .005    .000760
H1   1    7     7 6400214.0 15.0.0001.22000.440 .100 .200 6.00 .005    .000760
H1   1    9     9 4700140.0 40.0.0001.18000.360 .100 .200 7.00 .005    .000760
H1   1   10    10 5916176.5 40.0.0010.18000.360 .100 .20010.00 .005    .000760
H1   2   11    11 2390181.2  5.0.0001.27000.540 .100 .200 7.00 .005    .000760
H1   2   12    12 4200154.5  5.0.0003.27000.540 .100 .200 7.00 .005    .000760
H1   2   13    13 5010161.0  5.0.0003.27000.540 .100 .200 7.00 .005    .000760
H1   2   14    1410870386.3  5.0.0001.27000.540 .100 .200 6.00 .005    .000760
H1   1   15    1510720416.0  5.0.0010.27000.540 .100 .200 6.00 .005    .000760
H1   1   16    1610826272.0 10.0.0010.22000.440 .100 .200 7.00 .005    .000760
H1   1   17    17 7720184.3 20.0.0001.22000.440 .100 .200 7.00 .005    .000760
H1   1   18    18 4800143.0 25.0.0010.22000.440 .100 .20010.00 .005    .000760
H1   2   19    19 2000 92.4  5.0.0001.27000.540 .100 .200 7.00 .005    .000760
H1   2   20    20 7800232.8 30.0.0003.22000.440 .100 .200 7.00 .005    .000760
H1   2   21    2110730380.2  5.0.0001.27000.540 .100 .200 6.00 .005    .000760
H1   1   22    2210540314.5  5.0.0010.27000.540 .100 .200 7.00 .005    .000760
H1   1   24    24 7400220.8 25.0.0010.22000.440 .100 .200 7.00 .005    .000760
H1   1   25    25 6780218.0 20.0.0010.22000.440 .100 .20010.00 .005    .000760
H1   2   26    26 5080163.2 20.0.0003.22000.440 .100 .200 7.00 .005    .000760
H1   2   27    27 5350165.7  5.0.0003.27000.540 .100 .200 7.00 .005    .000760
H1   2   28    28 5130176.6  5.0.0003.27000.540 .100 .200 6.00 .005    .000760
H1   2   29    2910670407.0  5.0.0001.27000.540 .100 .200 6.00 .005    .000760
H1   1   30    3010500420.0 30.0.0010.22000.440 .100 .200 7.00 .005    .000760
H1   5   31    31 7800812.5 40.0.0010.18000.360 .100 .200 7.00 .005    .000760
H1   1   32    32 9070291.4 40.0.0001.18000.360 .100 .200 7.00 .005    .000760
H1   1   33    33 5956191.4 15.0.0010.22000.440 .100 .20010.00 .005    .000760
H1   2   34    34 5140342.2  5.0.0001.27000.540 .100 .200 6.00 .005    .000760
H1   2   35    3512870398.8 10.0.0003.22000.440 .100 .200 7.00 .005    .000760
H1   2   36    36 5256168.8  5.0.0003.27000.540 .100 .200 6.00 .005    .000760
H1   2   37    3710300395.3  5.0.0001.27000.540 .100 .200 6.00 .005    .000760
H1   1   38    38 2620 81.2  5.0.0001.27000.540 .100 .200 6.00 .005    .000760
H1   1   39    39 7750395.3 30.0.0010.22000.440 .100 .200 7.00 .005    .000760
H1   1   40    40 7600244.1 10.0.0001.22000.440 .100 .200 9.00 .005    .000760
H1   1   41    41 5660206.4 10.0.0010.22000.440 .100 .20010.00 .005    .000760
H1   2   43    43 2000186.9 10.0.0003.22000.440 .100 .200 7.00 .005    .000760
H1   2   44    44 2400101.5  5.0.0003.27000.540 .100 .200 6.00 .005    .000760
H1   2   45    45 5590166.7  5.0.0003.27000.540 .100 .200 6.00 .005    .000760
H1   2   46    46 8315300.0  5.0.0001.27000.540 .100 .200 6.00 .005    .000760
H1   1   47    47 2546 60.7  5.0.0001.27000.540 .100 .200 6.00 .005    .000760
H1   1   48    48 5640168.2  5.0.0001.27000.540 .100 .200 7.00 .005    .000760
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H1	1	49	49	7000208.9	5.0	0.0001	27000.540	.100	.200	9.00	.005	.000760
H1	1	50	50	6660198.7	5.0	0.0010	27000.540	.100	.200	9.00	.005	.000760
H1	1	51	50	1470 60.9	30.0	0.0010	22000.440	.100	.200	9.00	.005	.000760
H1	1	52	52	9790157.2	5.0	0.0001	27000.540	.100	.200	6.00	.005	.000760
H1	1	53	53	6800121.3	5.0	0.0001	27000.540	.100	.200	6.00	.005	.000760
H1	1	54	54	5910 81.4	25.0	0.0010	22000.440	.100	.200	7.00	.005	.000760
H1	1	55	55	3600 49.6	40.0	0.0010	18000.360	.100	.200	9.00	.005	.000760
H1	3	56	56	8070240.7	5.0	0.0001	27000.540	.100	.200	7.00	.005	.000760
H1	3	57	57	6226185.8	10.0	0.0003	22000.440	.100	.200	7.00	.005	.000760
H1	2	58	58	4060121.2	5.0	0.0003	27000.540	.100	.200	7.00	.005	.000760
H1	2	59	59	5770172.2	5.0	0.0003	27000.540	.100	.200	6.00	.005	.000760
H1	1	60	60	8916310.0	5.0	0.0001	27000.540	.100	.200	9.00	.005	.000760
H1	1	61	61	8060185.0	30.0	0.0001	22000.440	.100	.200	6.00	.005	.000760
H1	1	62	62	8000183.8	30.0	0.0010	22000.440	.100	.200	7.00	.005	.000760
H1	1	63	63	5410149.0	40.0	0.0010	18000.360	.100	.200	9.00	.005	.000760
H1	1	65	65	5220167.8	40.0	0.0001	18000.360	.100	.200	9.00	.005	.000760
H1	1	66	66	8900204.4	40.0	0.0010	18000.360	.100	.200	10.00	.005	.000760
H1	3	67	5716370488.5		5.0	0.0001	27000.540	.100	.200	7.00	.005	.000760
H1	3	68	68	9990298.1	5.0	0.0001	27000.540	.100	.200	6.00	.005	.000760
H1	3	69	69	2296139.6	5.0	0.0001	27000.540	.100	.200	6.00	.005	.000760
H1	3	70	70	3030 90.5	5.0	0.0001	27000.540	.100	.200	6.00	.005	.000760
H1	3	71	71	5750171.4	5.0	0.0003	27000.540	.100	.200	6.00	.005	.000760
H1	3	72	72	2220 61.1	5.0	0.0003	27000.540	.100	.200	6.00	.005	.000760
H1	2	73	73	3110 85.7	10.0	0.0003	22000.440	.100	.200	6.00	.005	.000760
H1	1	74	7410976390.5		15.0	0.0001	22000.440	.100	.200	6.00	.005	.000760
H1	1	75	75	7876244.1	40.0	0.0001	18000.360	.100	.200	7.00	.005	.000760
H1	1	76	76	5336213.8	30.0	0.0010	22000.440	.100	.200	7.00	.005	.000760
H1	1	77	77	8130194.1	40.0	0.0001	18000.360	.100	.200	9.00	.005	.000760
H1	1	78	78	7756231.4	40.0	0.0010	18000.360	.100	.200	10.00	.005	.000760
H1	1	79	78	2050 70.6	50.0	0.0010	18000.360	.100	.200	9.00	.005	.000760
H1	3	80	80	4200240.8	5.0	0.0001	27000.540	.100	.200	6.00	.005	.000760
H1	3	81	81	5400173.5	5.0	0.0001	27000.540	.100	.200	6.00	.005	.000760
H1	3	82	82	2270 78.2	5.0	0.0001	27000.540	.100	.200	6.00	.005	.000760
H1	3	83	84	3860274.8	5.0	0.0003	27000.540	.100	.200	6.00	.005	.000760
H1	3	84	84	7640228.0	5.0	0.0003	27000.540	.100	.200	6.00	.005	.000760
H1	3	85	85	5210167.4	5.0	0.0003	27000.540	.100	.200	6.00	.005	.000760
H1	1	86	86	8290247.4	30.0	0.0001	22000.440	.100	.200	6.00	.005	.000760
H1	1	87	87	7306238.0	40.0	0.0010	18000.360	.100	.200	7.00	.005	.000760
H1	1	88	88	5150139.6	40.0	0.0001	18000.360	.100	.200	7.00	.005	.000760
H1	1	89	89	5800210.8	40.0	0.0010	18000.360	.100	.200	9.00	.005	.000760
H1	1	90	90	3950122.4	40.0	0.0010	18000.360	.100	.200	10.00	.005	.000760
H1	3	92	92	2080 71.7	20.0	0.0001	22000.440	.100	.200	7.00	.005	.000760
H1	3	93	93	5800252.9	20.0	0.0001	22000.440	.100	.200	7.00	.005	.000760
H1	3	94	94	6420206.2	5.0	0.0003	27000.540	.100	.200	6.00	.005	.000760
H1	3	95	95	2000 29.3	5.0	0.0003	27000.540	.100	.200	6.00	.005	.000760
H1	3	96	96	5110187.7	5.0	0.0003	27000.540	.100	.200	6.00	.005	.000760
H1	5	97	97	9466368.7	20.0	0.0001	22000.440	.100	.200	6.00	.005	.000760
H1	5	98	98	7520193.6	40.0	0.0001	18000.360	.100	.200	9.00	.005	.000760
H1	5	99	99	4100127.2	40.0	0.0010	18000.360	.100	.200	7.00	.005	.000760
H1	5	100	100	5030155.9	20.0	0.0010	22000.440	.100	.200	7.00	.005	.000760
H1	3	101	101	4450306.7	10.0	0.0001	22000.440	.100	.200	9.00	.005	.000760
H1	3	102	102	7010209.1	40.0	0.0001	18000.360	.100	.200	7.00	.005	.000760
H1	3	103	10311230335.1		5.0	0.0003	27000.540	.100	.200	6.00	.005	.000760
H1	3	104	104	7064210.8	5.0	0.0003	27000.540	.100	.200	6.00	.005	.000760
H1	5	105	105	3280 75.3	5.0	0.0001	27000.540	.100	.200	6.00	.005	.000760
H1	5	106	106	7010209.6	30.0	0.0001	22000.440	.100	.200	6.00	.005	.000760
H1	5	107	10710446259.2		40.0	0.0001	18000.360	.100	.200	7.00	.005	.000760
H1	5	108	108	6710207.9	40.0	0.0010	18000.360	.100	.200	7.00	.005	.000760
H1	5	109	109	3020152.6	40.0	0.0010	18000.360	.100	.200	7.00	.005	.000760
H1	5	110	110	3500192.7	5.0	0.0001	27000.540	.100	.200	6.00	.005	.000760
H1	5	111	111	2936136.1	40.0	0.0001	18000.360	.100	.200	7.00	.005	.000760
H1	3	112	112	4520155.5	15.0	0.0001	22000.440	.100	.200	7.00	.005	.000760
H1	3	113	113	3800113.4	20.0	0.0003	22000.440	.100	.200	6.00	.005	.000760
H1	3	114	114	5330159.0	20.0	0.0003	22000.440	.100	.200	6.00	.005	.000760
H1	5	115	115	7900235.8	5.0	0.0001	27000.540	.100	.200	6.00	.005	.000760
H1	5	116	116	4510134.6	10.0	0.0001	22000.440	.100	.200	6.00	.005	.000760
H1	5	117	117	5070178.5	30.0	0.0001	22000.440	.100	.200	7.00	.005	.000760
H1	5	120	13014200423.6		40.0	0.0010	18000.360	.100	.200	7.00	.005	.000760
H1	5	121	121	8404250.8	60.0	0.0010	18000.360	.100	.200	7.00	.005	.000760
H1	3	123	123	3200478.4	5.0	0.0001	27000.540	.100	.200	6.00	.005	.000760
H1	3	124	124	5280157.7	5.0	0.0001	27000.540	.100	.200	6.00	.005	.000760
H1	3	125	125	5860175.0	5.0	0.0001	27000.540	.100	.200	9.00	.005	.000760
H1	3	126	126	5730184.1	20.0	0.0001	22000.440	.100	.200	9.00	.005	.000760
H1	3	127	127	3010 83.0	5.0	0.0003	27000.540	.100	.200	6.00	.005	.000760
H1	3	128	128	5426168.1	40.0	0.0001	18000.360	.100	.200	6.00	.005	.000760
H1	5	129	12911030354.4		5.0	0.0001	27000.540	.100	.200	6.00	.005	.000760
H1	5	130	130	3016 34.6	30.0	0.0010	22000.440	.100	.200	7.00	.005	.000760
H1	5	131	131	4900118.2	40.0	0.0010	18000.360	.100	.200	9.00	.005	.000760
H1	5	132	132	1356 43.2	60.0	0.0010	18000.360	.100	.200	9.00	.005	.000760
H1	5	133	133	4800551.0	50.0	0.0010	18000.360	.100	.200	9.00	.005	.000760

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H1  5  134  134 12411630362.3 40.0.0010.18000.360 .100 .300 7.00 .005  .000750
H1  4  135  135 5460163.0  5.0.0001.27000.540 .100 .200 6.00 .005  .000750
H1  5  136  136 13616050479.0 10.0.0001.22000.440 .100 .200 6.00 .005  .000760
H1  5  137  137 9400280.6 10.0.0010.22000.440 .100 .200 7.00 .005  .000750
H1  4  138  138 5315164.8  5.0.0001.27000.540 .100 .300 6.00 .005  .000760
H1  4  139  139 9140320.5  5.0.0001.27000.540 .100 .200 6.00 .005  .000760
H1  5  140  140 8800262.7  5.0.0010.27000.540 .100 .200 7.00 .005  .000750
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H1  4  152  152 4240175.3 20.0.0010.22000.440 .100 .200 7.00 .005  .000750
H1  4  153  153 2620 72.2  5.0.0001.27000.540 .100 .200 6.00 .005  .000750
H1  4  154  154 5216189.7  5.0.0001.27000.540 .100 .200 7.00 .005  .000760
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H1  4  157  157 5280163.6  5.0.0001.27000.540 .100 .200 6.00 .005  .000750
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M2  1    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
ENDPROGR
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