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*****
HEC3 VERSION UPDATED AUG 1976
ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09,10
MODIFICATIONS 52,53,54,55,56,57,58,59
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11	PASAD COUNTY, WEST VIRGINIA FLOOD INSURANCE STUDY
12	KANAWHA RIVER: LOWER STUDY LIMIT TO UPPER STUDY LIMIT
13	KANAWHA RIVER FLOODWAY NATURAL PROFILE RUN 9

J1	ICHECK	IND	MINV	IDIR	STRT	PETRIC	HVINS	Q	WSEL	FG
0.	2.	0.	0.	0.0	0.0	0.0	0.0	0.	546.700	0.0
J2	NPROF	IPLDT	PRFVS	XSECV	XSECH	FN	ALLDC	IBM	CHNIM	ITRACE
1.000	0.0	-1.000	0.0	0.0	0.0	1.200	0.0	0.0	0.0	0.0

[illegible][illegible][illegible]

Account	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367</
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1	GR	510.700	1170.000	505.200	1270.000	513.700	1440.000	513.200	1575.000	504.700	1610.000	2000.000
2	GR	598.700	1665.000	511.200	1930.000	519.500	1930.000	530.000	1980.000	540.700	2000.000	2000.000
3	GR	545.000	2010.000	550.000	2025.000	560.000	2045.000	565.000	2140.000	565.000	2230.000	2230.000
4	GR	560.000	2355.000	555.000	3270.000	555.000	3475.000	560.000	4715.000	560.000	5860.000	5860.000
5	GR	580.000	5895.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	NC	0.060	0.070	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	ET	0.0	0.0	4.300	1715.000	2705.000	0.0	0.0	0.0	0.0	0.0	0.0
8												
9												
10	X1	2.130	25.000	1715.000	2705.000	2630.000	2020.000	2470.000	0.0	0.0	0.0	0.0
11	GR	580.000	1000.000	575.000	1015.000	570.000	1065.000	565.000	1075.000	560.000	1120.000	1120.000
12	GR	555.000	1375.000	550.000	1715.000	540.000	1740.000	535.000	1755.000	522.200	1800.000	1800.000
13	GR	514.700	1815.000	516.800	2010.000	510.200	2115.000	512.400	2260.000	512.200	2545.000	2545.000
14	GR	516.800	2600.000	530.000	2625.000	540.000	2650.000	565.000	2705.000	565.000	2785.000	2785.000
15	GR	560.000	3175.000	560.000	4910.000	560.000	5345.000	560.000	5720.000	580.000	5770.000	5770.000
16	NC	0.070	0.070	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	ET	0.0	0.0	4.100	2500.000	3545.000	0.0	0.0	0.0	0.0	0.0	0.0
18												
19												
20	X1	2.610	33.000	2500.000	3545.000	2635.000	2310.000	2550.000	0.0	0.0	0.0	0.0
21	GR	580.000	1000.000	575.000	1035.000	570.000	1060.000	565.000	1085.000	560.000	1130.000	1130.000
22	GR	560.000	1820.000	555.000	2500.000	550.000	2520.000	545.000	2540.000	540.000	2560.000	2560.000
23	GR	535.000	2580.000	530.000	2605.000	517.000	2635.000	512.700	2695.000	514.200	2770.000	2770.000
24	GR	510.700	2900.000	515.900	3200.000	516.000	3410.000	521.200	3435.000	530.000	3485.000	3485.000
25	GR	535.000	3500.000	565.000	3545.000	565.000	3970.000	560.000	4190.000	560.000	5140.000	5140.000
26	GR	565.000	5200.000	565.000	5320.000	560.000	5380.000	560.000	6245.000	565.000	6285.000	6285.000
27	GR	570.000	6315.000	575.000	6335.000	580.000	6750.000	0.0	0.0	0.0	0.0	0.0
28	NC	0.060	0.110	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	ET	0.0	0.0	4.100	3285.000	4325.000	0.0	0.0	0.0	0.0	0.0	0.0
30												
31												
32	X1	3.020	34.000	3285.000	4325.000	2060.000	2140.000	2135.000	0.0	0.0	0.0	0.0
33	GR	580.000	1000.000	575.000	1065.000	575.000	1160.000	570.000	1225.000	565.000	1590.000	1590.000
34	GR	565.000	1945.000	560.000	2145.000	555.000	2160.000	555.000	2860.000	560.000	3010.000	3010.000
35	GR	560.000	3190.000	555.000	3245.000	540.000	3335.000	535.000	3350.000	530.000	3375.000	3375.000
36	GR	515.500	3415.000	513.500	3515.000	513.300	3550.000	515.300	3620.000	514.100	3730.000	3730.000
37	GR	515.500	3905.000	515.100	4180.000	518.000	4210.000	530.000	4270.000	540.000	4280.000	4280.000
38	GR	545.000	4300.000	550.000	4310.000	555.000	4325.000	560.000	4445.000	565.000	4520.000	4520.000
39	GR	565.000	5560.000	570.000	5630.000	575.000	5700.000	580.000	5720.000	0.0	0.0	0.0
40	NC	0.045	0.110	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41	ET	0.0	0.0	4.100	3795.000	4745.000	0.0	0.0	0.0	0.0	0.0	0.0
42												
43												
44	X1	3.410	34.000	3795.000	4785.000	2245.000	2075.000	2060.000	0.0	0.0	0.0	0.0
45	GR	580.000	1000.000	575.000	1025.000	565.000	1040.000	560.000	1050.000	555.000	1100.000	1100.000
46	GR	550.000	1170.000	550.000	2250.000	555.000	2400.000	560.000	3305.000	560.000	3795.000	3795.000
47	GR	535.000	3015.000	530.000	3430.000	505.000	3485.000	540.000	3870.000	535.000	3885.000	3885.000
48	GR	530.000	3415.000	515.100	3565.000	517.100	4035.000	513.000	4095.000	516.600	4235.000	4235.000
49	GR	513.000	4405.000	512.300	4535.000	511.900	4630.000	516.500	4695.000	530.000	4735.000	4735.000
50	GR	540.000	4755.000	545.000	4775.000	550.000	4785.000	560.000	4855.000	560.000	4930.000	4930.000
51	GR	565.000	4945.000	570.000	4975.000	575.000	5000.000	580.000	5040.000	0.0	0.0	0.0
52	NC	0.045	0.110	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53	ET	0.0	0.0	4.100	4520.000	5440.000	0.0	0.0	0.0	0.0	0.0	0.0
54												
55												
56	X1	3.940	24.000	4520.000	5480.000	3130.000	3060.000	3070.000	0.0	0.0	0.0	0.0
57	GR	580.000	1000.000	575.000	1050.000	570.000	1090.000	565.000	1295.000	560.000	1540.000	1540.000
58	GR	560.000	1830.000	560.000	4520.000	555.000	4540.000	550.000	4565.000	540.000	4625.000	4625.000

GR	535.000	4650.000	519.500	4705.000	511.500	4870.000	508.500	4995.000	504.000	5125.000
GR	509.500	5160.000	517.100	5290.000	530.000	5350.000	535.000	5375.000	540.000	5390.000
GR	545.000	5410.000	550.000	5430.000	555.000	5450.000	560.000	5480.000	565.000	5540.000
GR	570.000	5365.000	575.000	5575.000	580.000	5590.000	0.0	0.0	0.0	0.0
NC	0.080	0.080	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	4.100	4960.000	6035.000	0.0	0.0	0.0	0.0	0.0
X1	4.340	29.000	4960.000	6035.000	1520.000	2160.000	1975.000	0.0	0.0	0.0
GR	580.000	1000.000	575.000	1025.000	570.000	1040.000	565.000	1530.000	565.000	1915.000
GR	560.000	2600.000	560.000	3490.000	565.000	4880.000	565.000	4960.000	540.000	5010.000
GR	535.000	5030.000	514.000	5195.000	511.000	5285.000	515.500	5350.000	512.700	5435.000
GR	515.500	5540.000	519.000	5730.000	518.000	5860.000	521.500	5965.000	530.000	5985.000
GR	540.000	6005.000	545.000	6020.000	550.000	6035.000	555.000	6240.000	560.000	6250.000
GR	565.000	6300.000	570.000	6320.000	575.000	6345.000	580.000	6355.000	0.0	0.0
NC	0.060	0.050	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	4.100	5065.000	6040.000	0.0	0.0	0.0	0.0	0.0
X1	4.550	32.000	5065.000	6040.000	2530.000	2690.000	2640.000	0.0	0.0	0.0
GR	580.000	1000.000	575.000	1025.000	570.000	1105.000	565.000	1220.000	560.000	1630.000
GR	555.000	2270.000	550.000	2320.000	550.000	3125.000	560.000	3555.000	560.000	5065.000
GR	545.000	5095.000	540.000	5110.000	535.000	5125.000	530.000	5145.000	523.500	5175.000
GR	512.700	5250.000	517.100	5380.000	513.100	5465.000	516.000	5570.000	514.900	5785.000
GR	518.600	5960.000	530.000	6000.000	545.000	6015.000	550.000	6025.000	555.000	6040.000
GR	555.000	6445.000	560.000	6550.000	560.000	6830.000	565.000	6970.000	570.000	7030.000
GR	575.000	7045.000	580.000	7060.000	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.050	0.060	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	4.100	6240.000	7220.000	0.0	0.0	0.0	0.0	0.0
X1	5.050	36.000	6240.000	7220.000	1230.000	930.000	1070.000	0.0	0.0	0.0
GR	580.000	1000.000	675.000	1025.000	570.000	1080.000	565.000	1125.000	560.000	1145.000
GR	560.000	3185.000	640.000	3490.000	555.000	3505.000	555.000	4750.000	540.000	5510.000
GR	560.000	6240.000	555.000	6260.000	550.000	6275.000	545.000	6290.000	540.000	6305.000
GR	535.000	6325.000	521.000	6355.000	514.100	6525.000	514.400	6655.000	513.900	6700.000
GR	514.500	6705.000	512.100	6875.000	514.800	7080.000	535.000	7150.000	540.000	7165.000
GR	545.000	7180.000	550.000	7200.000	555.000	7220.000	555.000	7510.000	560.000	7600.000
GR	560.000	8105.000	565.000	8135.000	565.000	8140.000	570.000	8250.000	575.000	8260.000
GR	580.000	9270.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.050	0.100	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	4.100	5790.000	6760.000	0.0	0.0	0.0	0.0	0.0
X1	5.440	30.000	5790.000	6740.000	2150.000	2040.000	2080.000	0.0	0.0	0.0
GR	540.000	1000.000	575.000	1015.000	570.000	1060.000	565.000	1080.000	560.000	1145.000
GR	560.000	1530.000	555.000	3450.000	555.000	4100.000	560.000	5240.000	560.000	5790.000
GR	540.000	5865.000	535.000	5880.000	525.200	5910.000	520.500	5935.000	514.000	5960.000
GR	513.500	6295.000	514.300	6420.000	512.800	6590.000	519.000	6630.000	530.000	6660.000
GR	540.000	6680.000	545.000	6700.000	550.000	6715.000	555.000	6730.000	560.000	6740.000
GR	565.000	7125.000	565.000	7160.000	570.000	7360.000	575.000	7390.000	580.000	7430.000
NC	0.0	0.0	4.100	6095.000	6095.000	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	4.100	6095.000	6095.000	0.0	0.0	0.0	0.0	0.0
X1	5.850	35.000	6095.000	6905.000	2130.000	2210.000	2170.000	0.0	0.0	0.0
GR	580.000	1000.000	675.000	1050.000	570.000	1215.000	570.000	1560.000	565.000	1660.000
GR	560.000	1705.000	555.000	2355.000	555.000	2495.000	560.000	5380.000	565.000	5750.000
GR	565.000	5070.000	560.000	6095.000	555.000	6115.000	551.000	6115.000	545.000	6135.000
GR	540.000	6150.000	535.000	6175.000	525.200	6200.000	520.200	6225.000	513.500	6415.000
GR	514.200	6545.000	507.900	6585.000	505.400	6725.000	503.400	6770.000	518.400	6820.000
GR	525.200	6855.000	535.000	6875.000	540.000	6895.000	550.000	6905.000	555.000	6945.000
GR	560.000	6990.000	565.000	7010.000	570.000	7020.000	575.000	7095.000	580.000	7110.000





X1	0.550	25.000	3180.000	4180.000	1650.000	1500.000	1560.000	0.0	0.0	0.0	0.0
GR	580.000	1000.000	575.000	1045.000	570.000	1080.000	565.000	1460.000	565.000	3180.000	0.0
GR	540.000	3250.000	535.000	3270.000	522.800	3310.000	515.600	3335.000	510.800	3365.000	0.0
GR	515.600	3540.000	518.100	3700.000	519.400	3850.000	517.900	4015.000	525.200	4070.000	0.0
GR	535.000	4145.000	540.000	4120.000	545.000	4150.000	560.000	4180.000	560.000	4530.000	0.0
GR	515.000	5250.000	565.000	5520.000	570.000	5550.000	575.000	5570.000	580.000	5610.000	0.0
NC	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0
ET	0.0	0.0	4.100	3900.000	4695.000	0.0	0.0	0.0	0.0	0.0	0.0

X1	9.940	30.000	3900.000	4695.000	2620.000	2410.000	2540.000	0.0	0.0	0.0	0.0
GR	580.000	1000.000	575.000	1370.000	570.000	1415.000	565.000	1440.000	565.000	1945.000	0.0
GR	565.000	2605.000	570.000	2810.000	570.000	2895.000	565.000	2940.000	565.000	3250.000	0.0
GR	560.000	3525.000	560.000	3900.000	540.000	3950.000	535.000	3970.000	525.200	4010.000	0.0
GR	515.800	4055.000	513.600	4135.000	509.600	4285.000	510.200	4395.000	513.800	4585.000	0.0
GR	521.700	4610.000	530.000	4635.000	540.000	4650.000	555.000	4695.000	560.000	4720.000	0.0
GR	565.000	4855.000	565.000	5415.000	570.000	5480.000	575.000	5505.000	580.000	5520.000	0.0
NC	0.045	0.110	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	4.100	5750.000	6595.000	0.0	0.0	0.0	0.0	0.0	0.0

X1	9.510	36.000	5750.000	6595.000	2325.000	2445.000	2455.000	0.0	0.0	0.0	0.0
GR	580.000	1000.000	575.000	1130.000	570.000	1465.000	570.000	2905.000	565.000	3050.000	0.0
GR	560.000	3210.000	560.000	3250.000	565.000	3410.000	570.000	3690.000	570.000	3780.000	0.0
GR	65.000	4110.000	560.000	4235.000	560.000	4820.000	565.000	5080.000	565.000	5500.000	0.0
GR	560.000	5750.000	550.000	5770.000	545.000	5795.000	540.000	5820.000	535.000	5845.000	0.0
GR	525.200	5875.000	520.800	5900.000	517.300	5985.000	510.300	6135.000	507.600	6245.000	0.0
GR	512.700	6320.000	517.500	6420.000	525.200	6460.000	535.000	6500.000	540.000	6525.000	0.0
GR	545.000	6550.000	550.000	6565.000	565.000	6595.000	570.000	6750.000	575.000	6810.000	0.0
GR	580.000	6850.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.045	0.100	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	4.100	6000.000	6885.000	0.0	0.0	0.0	0.0	0.0	0.0

X1	9.790	28.000	6000.000	6885.000	930.000	1630.000	1430.000	0.0	0.0	0.0	0.0
GR	580.000	1000.000	575.000	1305.000	570.000	2140.000	570.000	3365.000	565.000	3450.000	0.0
GR	565.000	3630.000	570.000	3910.000	570.000	3995.000	565.000	4070.000	565.000	4360.000	0.0
GR	560.000	4500.000	560.000	4920.000	565.000	5080.000	565.000	6000.000	540.000	6055.000	0.0
GR	535.000	6070.000	520.300	6165.000	516.800	6155.000	516.800	6400.000	515.800	6505.000	0.0
GR	514.400	6675.000	511.900	6710.000	519.800	6785.000	535.000	6820.000	540.000	6840.000	0.0
GR	565.000	6885.000	570.000	7010.000	580.000	7040.000	0.0	0.0	0.0	0.0	0.0
NC	0.045	0.050	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	4.100	5175.000	6025.000	0.0	0.0	0.0	0.0	0.0	0.0

X1	10.290	34.000	5175.000	6025.000	2245.000	2720.000	2610.000	0.0	0.0	0.0	0.0
GR	580.000	1000.000	575.000	1740.000	570.000	3015.000	570.000	3875.000	565.000	4020.000	0.0
GR	560.000	4200.000	560.000	4415.000	565.000	4585.000	565.000	5125.000	560.000	5175.000	0.0
GR	555.000	5185.000	550.000	5200.000	540.000	5240.000	535.000	5265.000	525.200	5700.000	0.0
GR	515.600	5325.000	512.900	5360.000	512.900	5530.000	515.400	5650.000	516.200	5830.000	0.0
GR	512.800	5370.000	519.000	5430.000	525.200	5940.000	535.000	5970.000	540.000	5985.000	0.0
GR	545.000	6000.000	550.000	6015.000	555.000	6025.000	560.000	6090.000	560.000	6470.000	0.0
GR	565.000	6500.000	570.000	6520.000	575.000	6540.000	580.000	6600.000	0.0	0.0	0.0
NC	0.045	0.070	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	4.100	4480.000	5335.000	0.0	0.0	0.0	0.0	0.0	0.0

X1	10.510	33.000	4460.000	5335.000	2090.000	2000.000	2040.000	0.0	0.0	0.0	0.0
GR	560.000	1000.000	575.000	1360.000	575.000	2400.000	575.000	2950.000	570.000	3165.000	0.0
GR	570.000	3630.000	565.000	3720.000	565.000	3880.000	560.000	3940.000	560.000	4140.000	0.0
GR	565.000	4310.000	565.000	4480.000	540.000	4540.000	535.000	4565.000	525.200	4595.000	0.0
GR	516.600	4615.000	511.600	4675.000	514.400	4720.000	515.600	4875.000	517.100	5110.000	0.0

GR	516.600	5220.000	525.200	5235.000	535.000	5225.000	540.000	5285.000	545.000	5300.000
GR	550.000	5320.000	555.000	5335.000	560.000	5370.000	565.000	5525.000	565.000	6065.000
GR	570.000	6145.000	575.000	6195.000	580.000	6210.000	0.0	0.0	0.0	0.0
NC	0.050	0.110	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	11.130	33.000	5170.000	6020.000	2510.000	2345.000	2405.000	0.0	0.0	0.0
GR	580.000	1000.000	575.000	1110.000	570.000	2080.000	570.000	2325.000	570.000	2570.000
GR	575.000	3260.000	575.000	3885.000	570.000	4020.000	565.000	4125.000	560.000	5055.000
GR	555.000	5170.000	550.000	5185.000	545.000	5195.000	540.000	5210.000	535.000	5220.000
GR	530.000	5245.000	515.500	5295.000	514.500	5360.000	514.700	5490.000	515.600	5530.000
GR	515.700	5695.000	516.500	5835.000	514.500	5865.000	532.300	5890.000	530.000	5930.000

GR	540.000	5455.000	545.000	5965.000	550.000	6000.000	560.000	6020.000	565.000	6065.000
GR	570.000	6435.000	575.000	6490.000	580.000	6520.000	0.0	0.0	0.0	0.0
NC	0.055	0.110	0.032	0.0	0.0	0.5	0.0	0.0	0.0	0.0
ET	0.0	0.0	4.100	5750.000	6530.000	0.0	0.0	0.0	0.0	0.0

X1	11.520	29.000	5750.000	6530.000	2070.000	2075.000	2070.000	0.0	0.0	0.0
GR	580.000	1000.000	575.000	1170.000	575.000	3100.000	570.000	3200.000	570.000	3450.000
GR	565.000	3490.000	560.000	3515.000	560.000	4775.000	560.000	5050.000	565.000	5630.000
GR	565.000	5710.000	560.000	5750.000	545.000	5795.000	540.000	5815.000	535.000	5835.000
GR	530.000	5855.000	522.600	5905.000	515.900	5945.000	518.700	6030.000	515.600	6080.000
GR	510.000	6270.000	511.200	6300.000	514.700	6410.000	530.000	6450.000	540.000	6470.000

GR	565.000	6530.000	570.000	6565.000	575.000	6575.000	580.000	6590.000	0.0	0.0
NC	0.045	0.110	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	4.100	6140.000	7105.000	0.0	0.0	0.0	0.0	0.0

X1	12.000	25.000	6140.000	7105.000	2260.000	2620.000	2515.000	0.0	0.0	0.0
GR	580.000	1000.000	575.000	1020.000	575.000	1880.000	570.000	2025.000	565.000	2035.000
GR	565.000	6045.000	560.000	6140.000	545.000	6205.000	540.000	6235.000	535.000	6285.000
GR	530.000	6315.000	522.800	6345.000	517.300	6370.000	515.300	6530.000	516.600	6620.000
GR	517.800	6755.000	516.600	6965.000	530.000	7020.000	535.000	7050.000	550.000	7105.000
GR	560.000	7140.000	560.000	7270.000	565.000	7340.000	575.000	7375.000	580.000	7405.000
ET	0.0	0.0	4.100	6085.000	6940.000	0.0	0.0	0.0	0.0	0.0

X1	12.400	27.000	6085.000	6940.000	1935.000	2140.000	2085.000	0.0	0.0	0.0
GR	580.000	1000.000	575.000	1140.000	575.000	2585.000	570.000	2625.000	565.000	2660.000
GR	560.000	3330.000	560.000	3530.000	565.000	3805.000	565.000	4245.000	565.000	6085.000
GR	555.000	6145.000	550.000	6130.000	545.000	6160.000	540.000	6170.000	530.000	6195.000
GR	520.000	6235.000	518.700	6370.000	516.300	6560.000	514.400	6695.000	510.900	6775.000
GR	517.900	6815.000	530.000	6865.000	540.000	6880.000	570.000	6940.000	575.000	6955.000
GR	575.000	7005.000	560.000	7020.000	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.050	0.110	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	4.100	5840.000	6685.000	0.0	0.0	0.0	0.0	0.0

X1	12.585	30.000	5840.000	6565.000	1420.000	1485.000	1470.000	0.0	0.0	0.0
GR	540.000	1000.000	575.000	1040.000	575.000	1460.000	570.000	1450.000	565.000	1975.000
GR	560.000	2420.000	560.000	2715.000	565.000	2930.000	565.000	5710.000	560.000	5840.000
GR	555.000	5840.000	550.000	5875.000	545.000	5890.000	540.000	5905.000	535.000	5925.000
GR	530.000	5945.000	521.000	5990.000	516.000	6080.000	515.000	6210.000	513.500	6335.000
GR	511.000	6415.000	413.000	6470.000	520.500	6525.000	530.000	6580.000	535.000	6605.000
GR	540.000	6510.000	545.000	6630.000	570.000	6685.000	575.000	6730.000	580.000	6750.000
ET	0.0	0.0	4.100	5835.000	6760.000	0.0	0.0	0.0	0.0	0.0

X1	13.080	23.000	5835.000	6760.000	1960.000	2225.000	2150.000	0.0	0.0	0.0
GR	560.000	1000.000	575.000	1075.000	570.000	1505.000	570.000	1770.000	565.000	2035.000

CR	565.000	5835.000	560.000	5860.000	555.000	2065.000	511.700	6320.000	510.900	6655.000
GR	530.000	5980.000	513.400	6025.000	513.400	6170.000	540.000	6630.000	545.000	6645.000
GR	514.900	6490.000	522.400	6520.000	530.000	6565.000	0.0	0.0	0.0	0.0
GR	550.000	6675.000	575.000	6760.000	580.000	6780.000	0.0	0.0	0.0	0.0
NC	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	13.480	32.000	5500.000	6250.000	1925.000	2110.000	2065.000	0.0	0.0	0.0
GR	580.000	1000.000	575.000	1305.000	570.000	1355.000	565.000	1725.000	565.000	2740.000
GR	565.000	5310.000	570.000	5315.000	570.000	5435.000	555.000	5500.000	555.000	5520.000
GR	535.000	5335.000	545.000	5335.000	540.000	5355.000	535.000	5510.000	513.400	5700.000
GR	532.400	5485.000	512.700	5845.000	511.900	5920.000	516.700	6085.000	515.400	6120.000
GR	521.900	6155.000	530.000	6195.000	540.000	6225.000	545.000	6235.000	550.000	6250.000
GR	555.000	6305.000	560.000	6390.000	555.000	6425.000	565.000	6465.000	570.000	6505.000
GR	575.000	6515.000	580.000	6535.000	0.0	0.0	0.0	0.0	0.0	0.0
ET	0.000	0.000	4.100	5535.000	6320.000	0.0	0.0	0.0	0.0	0.0

X1	13.790	25.000	5535.000	6320.000	1735.000	1655.000	1665.000	0.0	0.0	0.0
GR	580.000	1000.000	575.000	1235.000	570.000	1410.000	565.000	2710.000	565.000	5190.000
GR	570.000	5285.000	570.000	5350.000	565.000	5535.000	540.000	5580.000	535.000	5595.000
GR	519.900	5470.000	515.900	5700.000	515.900	5770.000	514.400	5900.000	514.700	5974.000
GR	515.100	6100.000	517.900	6205.000	535.000	6275.000	540.000	6285.000	550.000	6300.000
GR	560.000	6320.000	565.000	6445.000	570.000	6555.000	575.000	6685.000	580.000	6750.000
NC	0.050	0.100	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ET	0.000	0.000	4.100	6095.000	6900.000	0.0	0.0	0.0	0.0	0.0

X1	14.190	38.000	6095.000	6900.000	1910.000	2085.000	2125.000	0.0	0.0	0.0
GR	595.000	1000.000	590.000	1015.000	585.000	1025.000	580.000	1045.000	575.000	1105.000
GR	575.000	1325.000	570.000	1390.000	565.000	1690.000	570.000	1705.000	560.000	4100.000
GR	565.000	4130.000	565.000	5030.000	570.000	5350.000	570.000	5385.000	565.000	5875.000
GR	560.000	6095.000	555.000	6125.000	550.000	6150.000	540.000	6170.000	535.000	6190.000
GR	525.200	6215.000	518.400	6255.000	517.400	6350.000	515.000	6520.000	513.000	6650.000
GR	513.900	6690.000	516.400	6730.000	523.400	6780.000	525.200	6805.000	535.000	6845.000
GR	540.000	6860.000	555.000	6900.000	560.000	6965.000	565.000	7010.000	570.000	7025.000
GR	575.000	7075.000	580.000	7125.000	595.000	7165.000	0.0	0.0	0.0	0.0
NC	0.045	0.100	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ET	0.000	0.000	4.100	5865.000	6675.000	0.0	0.0	0.0	0.0	0.0

X1	14.570	34.000	5865.000	6675.000	1915.000	2090.000	1995.000	0.0	0.0	0.0
GR	580.000	1000.000	575.000	1030.000	570.000	1045.000	505.000	1640.000	565.000	2355.000
GR	565.000	3515.000	560.000	3775.000	560.000	3835.000	565.000	4240.000	570.000	4835.000
GR	570.000	4945.000	565.000	5535.000	560.000	5765.000	555.000	5805.000	550.000	5865.000
GR	545.000	5690.000	540.000	5920.000	535.000	5950.000	525.200	5985.000	520.500	6010.000
GR	518.500	6085.000	518.500	6205.000	517.300	6235.000	516.200	6310.000	515.800	6425.000
GR	516.000	6515.000	525.200	6540.000	535.000	6580.000	540.000	6600.000	575.000	6675.000
GR	580.000	6730.000	585.000	6740.000	590.000	6790.000	595.000	6800.000	0.0	0.0
NC	0.045	0.050	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ET	0.000	0.000	4.100	5520.000	6340.000	0.0	0.0	0.0	0.0	0.0

X1	14.950	30.000	5520.000	6340.000	1845.000	15.000	2020.000	0.0	0.0	0.0
GR	580.000	1000.000	575.000	1040.000	570.000	1075.000	565.000	1100.000	565.000	1710.000
GR	565.000	4490.000	570.000	4450.000	570.000	5250.000	565.000	5520.000	550.000	5550.000
GR	545.000	5365.000	540.000	5575.000	535.000	5590.000	525.200	5610.000	519.000	5695.000
GR	516.800	5855.000	514.800	5985.000	512.000	6115.000	515.200	6160.000	519.000	6200.000
GR	535.000	6240.000	540.000	6265.000	550.000	6285.000	555.000	6320.000	565.000	6340.000
GR	570.000	6445.000	575.000	6495.000	580.000	6575.000	585.000	6605.000	590.000	6635.000
ET	0.000	0.000	4.100	4345.000	5200.000	0.0	0.0	0.0	0.0	0.0



GR	15.430	28.006	4345.000	5200.000	1975.000	2335.000	2400.000	0.0	0.0	0.0
GR	580.000	1000.000	575.000	1035.000	570.000	1075.000	540.000	1245.000	565.000	2065.000
GR	585.000	5025.000	570.000	4235.000	570.000	4345.000	540.000	4405.000	535.000	4415.000
GR	517.000	4170.000	514.500	4500.000	514.000	4530.000	514.800	4605.000	518.500	4760.000
GR	521.000	4690.000	525.200	5115.000	535.000	5145.000	540.000	5160.000	560.000	5200.000
GR	565.000	5765.000	570.000	5810.000	570.000	5970.000	570.000	6400.000	575.000	6590.000
GR	580.000	6650.000	585.000	6710.000	590.000	6770.000	0.0	0.0	0.0	0.0
ET	0.0	0.0	4.100	3885.000	4705.000	0.0	0.0	0.0	0.0	0.0
NC	0.080	0.045	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	4.100	3620.000	4410.000	0.0	0.0	0.0	0.0	0.0

GR	15.190	35.000	3620.000	4410.000	2890.000	2380.000	2525.000	0.0	0.0	0.0
GR	580.000	1060.000	575.000	1040.000	570.000	1065.000	565.000	1090.000	560.000	1120.000
GR	560.000	1200.000	565.000	1280.000	565.000	1705.000	570.000	2905.000	570.000	3585.000
GR	565.000	3620.000	540.000	3675.000	530.000	3700.000	519.900	3750.000	517.900	3780.000
GR	515.600	3885.000	516.500	3935.000	515.500	4020.000	518.100	4125.000	518.900	4240.000
GR	519.900	4315.000	525.200	4340.000	530.000	4365.000	540.100	4375.000	560.000	4410.000
GR	565.000	4460.000	570.000	4625.000	570.000	4860.000	565.000	5310.000	565.000	5540.000
GR	570.000	5600.000	570.000	6000.000	575.000	6300.000	580.000	6400.000	585.000	6480.000
NC	0.050	0.045	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	4.100	4535.000	5370.000	0.0	0.0	0.0	0.0	0.0

GR	16.670	35.000	4535.000	5370.000	2870.000	2480.000	2580.000	0.0	0.0	0.0
GR	585.000	1000.000	580.000	1015.000	575.000	1065.000	570.000	1120.000	565.000	1195.000
GR	565.000	2585.000	565.000	3335.000	570.000	4025.000	570.000	4160.000	565.000	4535.000
GR	555.000	4575.000	545.000	4625.000	540.000	4645.000	535.000	4660.000	530.000	4685.000
GR	521.600	4735.000	518.800	4790.000	516.600	4895.000	516.600	5015.000	516.600	5065.000
GR	515.200	5140.000	515.800	5205.000	517.200	5235.000	530.000	5270.000	540.000	5285.000
GR	570.000	5370.000	570.000	5530.000	565.000	5665.000	565.000	6030.000	565.000	6170.000
GR	570.000	6180.000	570.000	6360.000	575.000	6610.000	580.000	6795.000	585.000	6825.000
NC	0.045	0.100	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	4.100	5640.000	6415.000	0.0	0.0	0.0	0.0	0.0

GR	17.150	36.000	5640.000	6415.000	2440.000	2590.000	2555.000	0.0	0.0	0.0
GR	580.000	1000.000	555.000	1120.000	555.000	1890.000	560.000	1905.000	565.000	2015.000
GR	565.000	4940.000	565.000	4330.000	570.000	4730.000	570.000	4900.000	565.000	5520.000
GR	560.000	5640.000	555.000	5660.000	550.000	5675.000	545.000	5690.000	540.000	5710.000
GR	535.000	5735.000	525.200	5755.000	519.700	5835.000	516.700	5990.000	515.700	6145.000
GR	516.500	6185.000	513.500	6220.000	518.500	6300.000	525.200	6320.000	535.000	6355.000
GR	540.000	6375.000	560.000	6415.000	560.000	6625.000	555.000	6705.000	555.000	6875.000
GR	560.000	6920.000	565.000	6940.000	570.000	6950.000	570.000	7040.000	575.000	7050.000
NC	0.045	0.110	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	4.100	5465.000	6195.000	0.0	0.0	0.0	0.0	0.0

GR	17.530	32.000	5465.000	6195.000	1810.000	2090.000	1990.000	0.0	0.0	0.0
GR	580.000	1000.000	575.000	1020.000	570.000	1040.000	565.000	1760.000	565.000	2100.000



GR	570.000	2825.000	570.000	2955.000	565.000	3010.000	565.000	3260.000	565.000	4110.000
GR	570.000	4465.000	570.000	5025.000	565.000	5465.000	540.000	5545.000	535.000	5565.000
GR	525.200	5595.000	522.100	5635.000	518.100	5780.000	515.500	5890.000	515.900	5960.000
GR	516.400	4000.000	519.900	6065.000	525.200	6085.000	535.000	6115.000	540.000	6130.000
GR	525.200	6115.000	520.000	6165.000	565.000	6195.000	570.000	6220.000	575.000	6260.000
GR	516.400	6220.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000	516.400	6260.000
GR	516.400	6260.000	516.400	626						

## SUMMARY PRINTOUT FOR MULTIPLE PROFILES

SECTION	CHANNEL	MIN EL OF	MAX EL OF	MIN EL OF	DISCHARGE	CMSL	TD	EG	FORMID	STENCIL	STENCH	MSL
NUMBER	LENGTH	ROADWAY	LOW CHORD	GROUND	TCFS							
0.05	0.0	0.0	0.0	0.0	495.60235000.00	546.70117633.00	547.64	938.70	0.0	0.0	546.70	0.0
0.05	0.0	0.0	0.0	0.0	495.60235000.00	547.70122855.94	548.58	949.70	3520.00	4510.00	547.70	0.0
0.59	2870.00	0.0	0.0	0.0	501.70235000.00	547.74116169.69	548.85	793.68	0.0	0.0	547.70	0.0
0.59	2870.00	0.0	0.0	0.0	501.70235000.00	548.65119862.94	549.71	767.30	2080.00	2860.00	548.65	0.0
1.16	2990.00	0.0	0.0	0.0	507.10235000.00	549.03115562.06	550.09	830.17	0.0	0.0	549.03	0.0
1.16	2990.00	0.0	0.0	0.0	507.10235000.00	549.86119826.50	550.87	834.31	1320.00	2185.00	549.86	0.0
1.64	2450.00	0.0	0.0	0.0	498.70235000.00	550.20159294.06	550.84	935.79	0.0	0.0	550.84	0.0
1.64	2450.00	0.0	0.0	0.0	498.70235000.00	550.95164103.38	551.57	938.80	1065.00	2045.00	550.95	0.0
2.13	2470.00	0.0	0.0	0.0	510.20235000.00	550.73129930.19	551.55	1008.31	0.0	0.0	550.73	0.0
2.13	2470.00	0.0	0.0	0.0	510.20235000.00	551.45134295.19	552.23	960.20	1715.00	2705.00	551.45	0.0
2.61	2550.00	0.0	0.0	0.0	510.70235000.00	551.61133470.94	552.36	1011.33	0.0	0.0	552.36	0.0
2.61	2550.00	0.0	0.0	0.0	510.70235000.00	552.27137620.19	553.00	1015.00	2500.00	3545.00	552.27	0.0
3.02	2135.00	0.0	0.0	0.0	513.30235000.00	552.28134873.75	553.02	1022.76	0.0	0.0	552.28	0.0
3.02	2135.00	0.0	0.0	0.0	513.30235000.00	552.91138770.13	553.62	1026.72	3285.00	4325.00	552.91	0.0
3.41	2060.00	0.0	0.0	0.0	511.90235000.00	552.89133704.75	553.66	2323.86	0.0	0.0	552.89	0.0
3.41	2060.00	0.0	0.0	0.0	511.90235000.00	553.47135050.75	554.25	965.41	3795.00	4785.00	553.47	0.0
3.98	3070.00	0.0	0.0	0.0	504.00235000.00	553.82121552.94	554.75	899.35	0.0	0.0	553.82	0.0
3.98	3070.00	0.0	0.0	0.0	504.00235000.00	554.39124501.75	555.29	904.43	4520.00	5480.00	554.39	0.0
4.36	1975.00	0.0	0.0	0.0	511.00235000.00	554.73144695.19	555.38	1248.42	0.0	0.0	554.73	0.0
4.36	1975.00	0.0	0.0	0.0	511.00235000.00	555.26150776.00	555.89	1055.52	4960.00	6035.00	555.26	0.0
4.85	2640.00	0.0	0.0	0.0	512.70235000.00	555.39148418.00	556.05	2695.50	0.0	0.0	555.39	0.0
4.85	2640.00	0.0	0.0	0.0	512.70235000.00	555.87147283.00	556.57	986.75	5065.00	6040.00	555.87	0.0
5.05	1070.00	0.0	0.0	0.0	512.10235000.00	555.62141528.63	556.35	2604.40	0.0	0.0	555.62	0.0
5.05	1070.00	0.0	0.0	0.0	512.10235000.00	556.14144555.88	556.85	964.58	6240.00	7220.00	556.14	0.0
5.44	2080.00	0.0	0.0	0.0	512.60235000.00	556.181440871.00	556.94	2292.88	0.0	0.0	556.18	0.0
5.44	2080.00	0.0	0.0	0.0	512.60235000.00	556.67143609.19	557.41	930.91	5790.00	6740.00	556.67	0.0
5.85	2170.00	0.0	0.0	0.0	503.40235000.00	556.72138137.00	557.58	2213.71	0.0	0.0	556.72	0.0
5.85	2170.00	0.0	0.0	0.0	503.40235000.00	557.19133627.44	558.04	804.38	6095.00	6905.00	557.19	0.0
6.42	2990.00	0.0	0.0	0.0	509.50235000.00	557.65147883.88	558.40	875.62	0.0	0.0	557.65	0.0
6.42	2990.00	0.0	0.0	0.0	509.50235000.00	558.11150561.94	558.84	877.43	6525.00	7420.00	558.11	0.0
6.79	2015.00	0.0	0.0	0.0	508.40235000.00	558.19153830.88	558.90	1130.47	0.0	0.0	558.19	0.0
6.79	2015.00	0.0	0.0	0.0	508.40235000.00	558.62154471.19	559.32	880.13	5990.00	6875.00	558.62	0.0
7.28	2590.00	0.0	0.0	0.0	513.40235000.00	558.79142364.94	559.57	878.94	0.0	0.0	558.79	0.0
7.28	2590.00	0.0	0.0	0.0	513.40235000.00	559.21144803.75	559.98	881.06	5190.00	6085.00	559.21	0.0
7.87	3095.00	0.0	0.0	0.0	514.30235000.00	559.64149820.06	560.38	1109.62	0.0	0.0	559.64	0.0
7.87	3095.00	0.0	0.0	0.0	514.30235000.00	560.03151115.81	560.76	874.07	38.00	4710.00	560.03	0.0

SECTION NUMBER	CHANNEL LENGTH	MIN EL ROADWAY	OF LOW	MAX EL CHORD	MIN EL GROUND	DISCHARGE KCF/S	CWSEL	TQ	EG	TOPMID	STENCIL	STENCH	MSLCL
1	2080.00	0.0	0.0	0.0	511.80235000.00	560.19157011.63	560.86	1300.70	0.0	0.0	0.0	0.0	0.0
2	2110.00	0.0	0.0	0.0	511.80235000.00	560.58159516.75	561.26	912.91	3290.00	4210.00	0.0	0.0	0.0
3	2110.00	0.0	0.0	0.0	511.80235000.00	560.60162600.19	561.20	1423.56	0.0	0.0	0.0	0.0	0.0
4	1560.00	0.0	0.0	0.0	510.80235000.00	560.97165247.06	561.57	988.72	3180.00	4180.00	0.0	0.0	0.0
5	2540.00	0.0	0.0	0.0	509.60235000.00	561.04152233.59	561.82	1280.34	0.0	0.0	0.0	0.0	0.0
6	2540.00	0.0	0.0	0.0	509.60235000.00	561.04153352.69	562.17	795.00	3900.00	4695.00	0.0	0.0	0.0
7	2455.00	0.0	0.0	0.0	507.60235000.00	561.55145298.56	562.44	1791.63	0.0	0.0	0.0	0.0	0.0
8	2455.00	0.0	0.0	0.0	507.60235000.00	562.00146682.56	562.78	838.99	5750.00	6595.00	0.0	0.0	0.0
9	1430.00	0.0	0.0	0.0	511.90235000.00	562.10158512.31	562.79	1419.59	0.0	0.0	0.0	0.0	0.0
10	1430.00	0.0	0.0	0.0	511.90235000.00	562.05160139.44	563.13	874.78	6000.00	6885.00	0.0	0.0	0.0
11	2610.00	0.0	0.0	0.0	512.90235000.00	562.67162336.50	563.35	1739.68	0.0	0.0	0.0	0.0	0.0
12	2610.00	0.0	0.0	0.0	512.90235000.00	563.00161965.25	563.68	850.00	5175.00	6025.00	0.0	0.0	0.0
13	2040.00	0.0	0.0	0.0	511.60235000.00	563.09158265.56	563.79	1324.20	0.0	0.0	0.0	0.0	0.0
14	2040.00	0.0	0.0	0.0	511.60235000.00	563.43158695.90	564.12	851.24	4480.00	5335.00	0.0	0.0	0.0
15	2405.00	0.0	0.0	0.0	514.50235000.00	563.64163568.31	564.31	1672.51	0.0	0.0	0.0	0.0	0.0
16	2405.00	0.0	0.0	0.0	514.50235000.00	563.96163235.50	564.64	850.00	5170.00	6020.00	0.0	0.0	0.0
17	2070.00	0.0	0.0	0.0	510.00235000.00	564.04152848.13	564.79	2833.38	0.0	0.0	0.0	0.0	0.0
18	2070.00	0.0	0.0	0.0	510.00235000.00	564.34150102.19	565.14	778.41	5750.00	6530.00	0.0	0.0	0.0
19	2515.00	0.0	0.0	0.0	515.30235000.00	564.76177898.63	565.32	1249.00	0.0	0.0	0.0	0.0	0.0
20	2515.00	0.0	0.0	0.0	515.30235000.00	565.13177724.56	565.69	965.00	6140.00	7105.00	0.0	0.0	0.0
21	2085.00	0.0	0.0	0.0	510.90235000.00	565.08160159.69	565.76	4270.68	0.0	0.0	0.0	0.0	0.0
22	2085.00	0.0	0.0	0.0	510.90235000.00	565.44160828.38	566.13	845.87	6095.00	6940.00	0.0	0.0	0.0
23	1470.00	0.0	0.0	0.0	511.00235000.00	565.40164354.38	566.07	4709.87	0.0	0.0	0.0	0.0	0.0
24	1470.00	0.0	0.0	0.0	511.00235000.00	565.76163590.13	566.44	835.66	5840.00	6685.00	0.0	0.0	0.0
25	2150.00	0.0	0.0	0.0	510.90235000.00	565.86163005.88	566.51	4738.98	0.0	0.0	0.0	0.0	0.0
26	2150.00	0.0	0.0	0.0	510.90235000.00	566.24164593.56	566.89	895.22	5435.00	6760.00	0.0	0.0	0.0
27	2065.00	0.0	0.0	0.0	512.80235000.00	566.24161984.31	566.97	4676.10	0.0	0.0	0.0	0.0	0.0
28	2065.00	0.0	0.0	0.0	512.80235000.00	566.59157925.13	567.36	750.00	5500.00	6250.00	0.0	0.0	0.0
29	1665.00	0.0	0.0	0.0	514.40235000.00	566.63169805.06	567.31	3973.53	0.0	0.0	0.0	0.0	0.0
30	1665.00	0.0	0.0	0.0	514.40235000.00	567.03169143.06	567.72	785.00	5535.00	6320.00	0.0	0.0	0.0
31	2125.00	0.0	0.0	0.0	513.00235000.00	567.18184623.63	567.69	4965.70	0.0	0.0	0.0	0.0	0.0
32	2125.00	0.0	0.0	0.0	513.00235000.00	567.45165578.44	568.14	805.00	6095.00	6900.00	0.0	0.0	0.0
33	1995.00	0.0	0.0	0.0	513.80235000.00	567.45169288.94	568.08	4596.33	0.0	0.0	0.0	0.0	0.0
34	1995.00	0.0	0.0	0.0	513.80235000.00	567.64160627.75	568.56	794.67	5865.00	6675.00	0.0	0.0	0.0
35	2020.00	0.0	0.0	0.0	512.00235000.00	567.85175060.06	568.46	4645.15	0.0	0.0	0.0	0.0	0.0
36	2020.00	0.0	0.0	0.0	512.00235000.00	568.32171624.75	568.97	820.00	5520.00	6340.00	0.0	0.0	0.0



SECTION NUMBER	CHARGE LENGTH	MIN EL OF GROUND	MAX EL OF LOW CHORD	DISCHARGE CFS	CMSL	TO	EG	TOP MID	STENCIL	STENCIL	MSL
15.43	2400.00	0.0	0.0	514.00235000.00	568.33185058.38	568.87	4413.05	0.0	0.0	0.0	0.0
15.45	2400.00	0.0	0.0	514.00235000.00	568.80170718.94	569.41	852.61	4385.00	5200.00	0.0	0.0
15.58	1500.00	0.0	0.0	514.20235000.00	564.54180673.63	569.13	2838.28	0.0	0.0	0.0	0.0
15.68	1500.00	0.0	0.0	514.20235000.00	569.05177304.75	569.68	818.09	3885.00	4705.00	0.0	0.0
16.19	2525.00	0.0	0.0	515.50235000.00	568.95180520.63	569.57	3214.86	0.0	0.0	0.0	0.0
16.19	2525.00	0.0	0.0	515.50235000.00	569.48178568.31	570.12	790.00	3620.00	4410.00	0.0	0.0
16.67	2580.00	0.0	0.0	515.20235000.00	569.44169465.13	570.04	4618.86	0.0	0.0	0.0	0.0
16.67	2580.00	0.0	0.0	515.20235000.00	569.93162793.38	570.62	834.84	4535.00	5370.00	0.0	0.0
17.15	2555.00	0.0	0.0	513.50235000.00	570.06210621.25	570.45	5992.42	0.0	0.0	0.0	0.0
17.15	2555.00	0.0	0.0	513.50235000.00	570.46172795.25	571.13	775.00	5640.00	6415.00	0.0	0.0
17.53	1990.00	0.0	0.0	515.50235000.00	570.15156728.58	570.87	5181.77	0.0	0.0	0.0	0.0
17.92	2025.00	0.0	0.0	512.90235000.00	570.69177472.69	571.28	521.02	0.0	0.0	0.0	0.0
17.92	2025.00	0.0	0.0	512.90235000.00	571.40173065.94	572.05	810.00	5260.00	6070.00	0.0	0.0
18.20	1505.00	0.0	0.0	512.60235000.00	570.95174480.63	571.55	5034.47	0.0	0.0	0.0	0.0
18.20	1505.00	0.0	0.0	512.60235000.00	571.67170759.56	572.33	815.00	4920.00	5735.00	0.0	0.0
18.78	3005.00	0.0	0.0	517.70235000.00	571.49177292.63	572.09	4033.07	0.0	0.0	0.0	0.0
18.78	3005.00	0.0	0.0	517.70235000.00	572.25175819.44	572.89	820.00	4175.00	4995.00	0.0	0.0
SECTION NUMBER	DISCHARGE CFS	CMSL	DISCHARGE CFS	CMSL	TOP MID	TOP MID	TOP MID	TOP MID	TOP MID	TOP MID	TOP MID
0.050	235000.000	546.700	0.0	0.0	938.695	0.0	0.0	0.0	0.0	0.0	0.0
0.050	235000.000	547.700	1.000	0.0	949.695	-11.000	0.0	0.0	0.0	0.0	0.0
0.590	235000.000	547.735	0.0	1.036	793.679	0.0	0.0	2870.000	2870.000	0.0	0.0
0.590	235000.000	548.649	0.913	0.949	767.297	26.382	0.0	2870.000	2870.000	0.0	0.0
1.160	235000.000	549.033	0.0	1.298	830.169	0.0	0.0	2990.000	2990.000	0.0	0.0
1.160	235000.000	549.861	0.827	1.212	834.307	-3.138	0.0	2990.000	2990.000	0.0	0.0
1.640	235000.000	550.196	0.0	1.163	935.786	0.0	0.0	2450.000	2450.000	0.0	0.0
1.640	235000.000	550.951	0.755	1.090	938.805	-3.618	0.0	2450.000	2450.000	0.0	0.0
2.130	235000.000	550.731	0.0	0.535	1008.313	0.0	0.0	2470.000	2470.000	0.0	0.0
2.130	235000.000	551.453	0.722	0.501	960.197	48.116	0.0	2470.000	2470.000	0.0	0.0
2.610	235000.000	551.606	0.0	0.875	1011.328	0.0	0.0	2550.000	2550.000	0.0	0.0
2.610	235000.000	552.273	0.667	0.821	1015.000	-3.672	0.0	2550.000	2550.000	0.0	0.0
3.020	235000.000	552.279	0.0	0.673	1022.758	0.0	0.0	2135.000	2135.000	0.0	0.0
3.020	235000.000	552.906	0.627	0.633	1026.723	-3.965	0.0	2135.000	2135.000	0.0	0.0
3.410	235000.000	552.894	0.0	0.615	2323.842	0.0	0.0	2060.000	2060.000	0.0	0.0
3.410	235000.000	553.472	0.578	0.566	965.410	1358.452	0.0	2060.000	2060.000	0.0	0.0
3.980	235000.000	553.817	0.0	0.923	890.352	0.0	0.0	3070.000	3070.000	0.0	0.0
3.980	235000.000	554.367	0.571	0.916	904.434	-5.082	0.0	3070.000	3070.000	0.0	0.0
4.360	235000.000	554.731	0.0	0.914	1248.422	0.0	0.0	1975.000	1975.000	0.0	0.0
4.360	235000.000	555.262	0.531	0.875	1055.520	192.902	0.0	1975.000	1975.000	0.0	0.0

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 HEC2 VERSION UPDATED AUG 1976  
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09,10  
 MODIFICATIONS 52,53,54,55,56,57,58,59  
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11 MASON COUNTY, WEST VIRGINIA FLOOD INSURANCE STUDY  
 12 KANAWHA RIVER PROFILE DETERMINATION: LOWER STUDY LIMIT TO UPPER STUDY LIMIT  
 13 10-YEAR PROFILE: RUN 9 OHIO RIVER MEAN FLOOD KANAWHA RV 0 10 YR

11	ICHECK	IMO	NIN	IDIR	STRT	METRIC	HVINS	D	*SFL	FA
12	0.	2.	0.	0.	0.0	0.0	0.0	0.	546.700	0.0
13	NPROF	IPLOT	PRFS	XSECV	XSECH	FN	ALLDC	IBW	CHNTH	ITRACE
14	1.000	0.0	-1.000	0.0	0.0	1.200	0.0	0.0	0.0	0.0

15	J3	1.000	4.000	7.000	8.000	10.000	13.000	15.000	0.0	0.0
16	NC	0.100	0.050	0.032	0.100	0.300	0.0	0.0	0.0	0.0
17	01	4.000	15200.000	19400.000	23500.000	40000.000	12500.000	12500.000	12500.000	12500.000

18	X1	0.050	24.000	3520.000	4510.008	0.0	0.0	0.0	0.0	0.0
19	GR	580.000	1000.000	560.000	3420.000	555.000	3520.000	550.000	3535.000	545.000
20	GR	540.000	3595.000	535.000	3625.000	520.000	3690.000	514.900	3745.000	512.600
21	GR	511.100	3860.000	511.100	3935.000	502.100	3975.000	500.100	4045.000	495.600
22	GR	495.100	4195.000	504.100	4250.000	511.100	4300.000	520.000	4350.000	530.000
23	GR	535.000	4455.000	540.000	4470.000	550.000	4510.000	600.000	4510.008	0.0
24	NC	0.060	0.100	0.032	0.0	0.0	0.0	0.0	0.0	0.0

25	X1	0.590	41.000	2080.000	2860.000	2145.000	3130.000	2870.000	0.0	0.0
26	GR	580.000	1000.000	575.000	1035.000	570.000	1055.000	565.000	1085.000	560.000
27	GR	540.000	1395.000	560.000	1715.000	555.000	1920.000	555.000	2080.000	550.000
28	GR	545.000	2100.000	540.000	2115.000	535.000	2135.000	525.000	2160.000	514.700
29	GR	505.100	2240.000	506.000	2270.000	510.000	2305.000	508.200	2330.000	503.700
30	GR	507.300	2460.000	503.700	2500.000	504.200	2605.000	501.700	2650.000	502.200
31	GR	509.600	2735.000	515.200	2770.000	520.000	2800.000	535.000	2850.000	540.000
32	GR	525.000	2980.000	550.000	2995.000	555.000	2910.000	560.000	2930.000	560.000
33	GR	555.000	3075.000	555.000	3080.000	570.000	3080.000	570.000	3080.000	575.000
34	GR	540.000	3475.000	555.000	3480.000	570.000	3480.000	570.000	3480.000	575.000
35	NC	0.100	0.070	0.032	0.0	0.0	0.0	0.0	0.0	0.0

36	X1	1.150	25.000	1320.000	2145.000	2520.000	3380.000	2990.000	0.0	0.0
37	GR	580.000	1000.000	575.000	1020.000	570.000	1040.000	565.000	1060.000	560.000
38	GR	555.000	1165.000	555.000	1320.000	545.000	1340.000	540.000	1350.000	535.000
39	GR	519.500	1415.000	507.100	1535.000	509.200	1685.000	508.800	1840.000	509.400
40	GR	520.000	2085.000	530.000	2115.000	540.000	2140.000	545.000	2150.000	550.000
41	GR	560.000	2185.000	560.000	2350.000	555.000	2470.000	555.000	3375.000	560.000
42	GR	565.000	2720.000	570.000	2755.000	575.000	2795.000	580.000	2815.000	580.000
43	NC	0.090	0.070	0.032	0.0	0.0	0.0	0.0	0.0	0.0

44	X1	1.640	21.000	1065.000	2045.000	2550.000	1995.000	2450.000	0.0	0.0
45	GR	580.000	1000.000	575.000	1010.000	570.000	1020.000	565.000	1065.000	560.000
46	GR	555.000	1080.000	545.000	1160.000	540.000	1105.000	535.000	1120.000	520.000

GR	510.700	1170.000	505.200	1270.000	513.700	1440.000	513.200	1575.000	504.700	1610.000
GR	498.700	1865.000	511.200	1930.000	519.500	1950.000	530.000	1980.000	540.000	2000.000
GR	545.000	2010.000	550.000	2025.000	560.000	2045.000	565.000	2140.000	565.000	2230.000
GR	560.000	2355.000	555.000	3270.000	555.000	3475.000	560.000	4715.000	560.000	5860.000
GR	580.000	5895.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.060	0.070	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	2.130	25.000	1715.000	2705.000	2630.000	2020.000	2470.000	0.0	0.0	0.0
GR	560.000	1000.000	575.000	1015.000	570.000	1065.000	565.000	1075.000	560.000	1120.000
GR	535.000	1375.000	550.000	1715.000	540.000	1740.000	535.000	1755.000	522.200	1810.000
GR	514.700	1815.000	516.800	2010.000	510.200	2115.000	512.400	2260.000	512.200	2545.000
GR	516.800	2600.000	530.000	2625.000	540.000	2650.000	565.000	2705.000	565.000	2745.000
GR	560.000	3175.000	560.000	4910.000	560.000	5345.000	560.000	5720.000	560.000	5770.000
NC	0.070	0.070	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	2.610	33.000	2500.000	3545.000	2635.000	2310.000	2550.000	0.0	0.0	0.0
GR	580.000	1000.000	575.000	1035.000	570.000	1060.000	565.000	1075.000	560.000	1130.000
GR	560.000	1820.000	555.000	2505.000	550.000	2520.000	545.000	2540.000	540.000	2560.000
GR	535.000	2580.000	530.000	2605.000	517.000	2635.000	512.700	2695.000	514.200	2770.000
GR	510.700	2900.000	515.900	3200.000	516.000	3410.000	521.200	3435.000	530.000	3485.000
GR	535.000	3500.000	565.000	3545.000	565.000	3770.000	560.000	4190.000	560.000	5140.000
GR	565.000	5200.000	565.000	5320.000	580.000	5380.000	560.000	6245.000	565.000	6285.000
GR	570.000	6315.000	575.000	6335.000	580.000	6350.000	0.0	0.0	0.0	0.0
NC	0.060	0.110	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	3.020	34.000	3285.000	4325.000	2060.000	2140.000	2135.000	0.0	0.0	0.0
GR	580.000	1000.000	575.000	1065.000	575.000	1160.000	570.000	1225.000	565.000	1590.000
GR	565.000	1995.000	560.000	2145.000	555.000	2160.000	555.000	2860.000	560.000	3010.000
GR	560.000	3100.000	555.000	3285.000	540.000	3355.000	535.000	3500.000	530.000	3775.000
GR	515.500	3415.000	513.500	3515.000	513.300	3550.000	515.300	3620.000	514.100	3730.000
GR	515.500	3905.000	515.100	4146.000	518.000	4210.000	530.000	4270.000	540.000	4280.000
GR	545.000	4300.000	550.000	4310.000	555.000	4325.000	560.000	4445.000	565.000	4520.000
GR	565.000	5560.000	570.000	5650.000	575.000	5700.000	580.000	5720.000	0.0	0.0
NC	0.045	0.110	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	3.410	34.000	3745.000	4745.000	2245.000	2075.000	2060.000	0.0	0.0	0.0
GR	580.000	1000.000	575.000	1025.000	565.000	1040.000	560.000	1050.000	555.000	1100.000
GR	550.000	1170.000	550.000	2250.000	555.000	2600.000	560.000	3305.000	560.000	3795.000
GR	555.000	3415.000	550.000	3830.000	545.000	3865.000	540.000	3870.000	535.000	3885.000
GR	530.000	3740.000	515.100	3965.000	517.100	4035.000	513.000	4095.000	516.600	4235.000
GR	513.000	4005.000	512.300	4535.000	511.900	4450.000	516.500	4695.000	530.000	4735.000
GR	540.000	4755.000	545.000	4775.000	546.000	4785.000	560.000	4855.000	560.000	4930.000
GR	565.000	4945.000	570.000	4975.000	571.000	5000.000	580.000	5040.000	0.0	0.0
NC	0.045	0.100	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	2.480	24.000	4520.000	5485.000	3150.000	3060.000	5075.000	0.0	0.0	0.0
GR	540.000	1000.000	575.000	1050.000	570.000	1090.000	565.000	1295.000	560.000	1540.000
GR	560.000	4430.000	560.000	4520.000	555.000	4540.000	550.000	4955.000	540.000	4625.000
GR	535.000	4650.000	519.500	4705.000	511.500	4870.000	508.500	4995.000	504.000	5125.000
GR	509.500	5160.000	517.100	5290.000	530.000	5350.000	535.000	5375.000	540.000	5390.000
GR	545.000	5410.000	550.000	5430.000	555.000	5450.000	560.000	5480.000	565.000	5540.000
GR	570.000	5565.000	575.000	5575.000	580.000	5590.000	0.0	0.0	0.0	0.0
NC	0.040	0.080	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	4.360	29.000	4960.000	6035.000	1520.000	2160.000	1975.000	0.0	0.0	0.0
GR	540.000	1000.000	575.000	1025.000	570.000	1040.000	565.000	1530.000	565.000	1915.000



GR	560.000	2600.000	560.000	3490.000	565.000	4880.000	565.000	4960.000	540.000	5010.000
GR	535.000	5030.000	514.000	5195.000	511.000	5285.000	515.500	5350.000	512.700	5435.000
GR	516.500	5540.000	519.000	5730.000	518.800	5860.000	521.500	5965.000	530.000	5985.000
GR	540.000	6005.000	545.000	6020.000	550.000	6035.000	555.000	6240.000	560.000	6250.000
GR	565.000	6300.000	570.000	6320.000	575.000	6340.000	580.000	6355.000	580.000	6360.000
NC	0.060	0.050	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	4.850	32.000	5065.000	6040.000	2532.000	2690.000	2640.000	0.0	0.0	0.0
GR	580.000	1000.000	575.000	1025.000	570.000	1105.000	565.000	1220.000	560.000	1630.000
GR	535.000	2270.000	550.000	2320.000	530.000	3515.000	560.000	3555.000	560.000	5065.000
GR	545.000	5095.000	540.000	5110.000	535.000	5125.000	530.000	5145.000	523.500	5175.000
GR	12.700	5250.000	517.100	5360.000	513.100	5465.000	516.000	5570.000	514.900	5785.000
GR	518.600	5960.000	530.000	6000.000	545.000	6015.000	550.000	6025.000	555.000	6040.000
GR	555.000	6445.000	560.000	6550.000	560.000	6830.000	565.000	6970.000	570.000	7030.000
GR	575.000	7045.000	580.000	7060.000	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.050	0.060	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	5.050	36.000	6240.000	7220.000	1230.000	980.000	1070.000	0.0	0.0	0.0
GR	540.000	1000.000	575.000	1025.000	570.000	1080.000	565.000	1125.000	560.000	1145.000
GR	560.000	3185.000	560.000	3490.000	555.000	3505.000	555.000	4750.000	560.000	5510.000
GR	560.000	6240.000	555.000	6260.000	550.000	6215.000	545.000	6290.000	540.000	6305.000
GR	535.000	6325.000	521.000	6355.000	514.100	6525.000	514.400	6655.000	513.900	6700.000
GR	514.500	6745.000	512.100	6875.000	514.880	7080.000	535.000	7150.000	540.000	7165.000
GR	545.000	7130.000	550.000	7200.000	555.000	7220.000	555.000	7510.000	560.000	7600.000
GR	560.000	8105.000	565.000	8135.000	565.000	8180.000	570.000	8250.000	575.000	8260.000
GR	580.000	8270.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.050	0.100	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	5.240	30.000	5790.000	6740.000	2150.000	2040.000	2080.000	0.0	0.0	0.0
GR	580.000	1400.000	575.000	1015.000	570.000	1060.000	565.000	1080.000	560.000	1145.000
GR	560.000	1530.000	555.000	3450.000	555.000	4100.000	560.000	5240.000	560.000	5790.000
GR	540.000	5865.000	535.000	5880.000	525.200	5910.000	520.500	5935.000	514.000	5960.000
GR	513.500	6295.000	514.300	6420.000	512.800	6590.000	519.000	6630.000	530.000	6660.000
GR	540.000	6680.000	545.000	6700.000	550.000	6715.00	555.000	6730.000	560.000	6740.000
GR	565.000	7125.000	565.000	7180.000	570.000	7360.000	575.000	7390.000	580.000	7430.000
X1	5.850	35.000	6095.000	6905.000	2130.000	2210.000	2170.000	0.0	0.0	0.0
GR	580.000	1000.000	575.000	1050.000	570.000	1215.000	570.000	1560.000	565.000	1660.000
GR	560.000	1705.000	555.000	2355.000	555.000	2495.000	560.000	5380.000	565.000	5750.000
GR	565.000	6070.000	560.000	6095.000	555.000	6105.000	550.000	6115.000	545.000	6135.000
GR	540.000	6150.000	535.000	6175.000	525.200	6200.000	520.200	6225.000	513.300	6415.000
GR	514.200	6505.000	507.900	6565.000	505.400	6725.000	503.400	6770.000	518.400	6820.000
GR	525.200	6855.000	535.000	6875.000	540.000	6895.000	550.000	6905.000	555.000	6945.000
GR	560.000	6990.000	565.000	7010.000	570.000	7020.000	575.000	7095.000	580.000	7110.000
NC	0.045	0.110	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	6.420	32.000	6525.000	7420.000	2710.000	5070.000	2990.000	0.0	0.0	0.0
GR	580.000	1000.000	575.000	1030.000	570.000	1340.000	565.000	1465.000	560.000	2130.000
GR	560.000	5795.000	565.000	6070.000	565.000	6490.000	565.000	6525.000	555.000	6540.000
GR	550.000	6555.000	545.000	6585.000	540.000	6590.000	535.000	6620.000	530.000	6650.000
GR	518.400	6675.000	514.300	6730.000	516.300	6835.000	513.800	6910.000	509.500	7160.000
GR	500.900	7275.000	515.000	7215.000	510.000	7360.000	540.000	7370.000	545.000	7380.000
GR	550.000	7390.000	555.000	7405.000	560.000	7410.000	565.000	7420.000	570.000	7460.000
NC	0.050	0.050	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0

GR	580.000	1600.000	575.000	1130.000	570.000	1465.000	570.000	2905.000	565.000	3050.000
GR	560.000	3210.000	560.000	3250.000	565.000	3470.000	570.000	3690.000	570.000	3780.000
GR	565.000	4110.000	560.000	4235.000	560.000	4820.000	565.000	5080.000	565.000	5500.000
GR	560.000	5750.000	550.000	5770.000	545.000	5795.000	540.000	5820.000	535.000	5845.000
GR	525.280	5875.000	522.800	5900.000	517.300	5985.000	510.500	6155.000	507.600	6245.000
GR	512.700	6320.000	517.500	6420.000	525.200	6460.000	535.000	6590.000	540.000	6525.000
GR	545.000	6550.000	550.000	6565.000	565.000	6595.000	570.000	6750.000	575.000	6810.000
GR	580.000	6850.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.045	0.100	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	9.790	20.000	6000.000	6885.000	930.000	1630.000	1430.000	0.0	0.0	0.0
GR	580.000	1000.000	575.000	1305.000	570.000	2140.000	570.000	3365.000	565.000	3450.000
GR	565.000	3690.000	570.000	3910.000	570.000	3995.000	565.000	4070.000	565.000	4360.000
GR	560.000	4500.000	560.000	4920.000	565.000	5080.000	565.000	6000.000	540.000	6055.000
GR	535.000	6070.000	520.300	6105.000	518.400	6155.000	516.800	6400.000	515.800	6505.000
GR	514.200	6675.000	511.900	6710.000	519.800	6765.000	535.000	6820.000	540.000	6840.000
GR	565.000	6885.000	570.000	7010.000	580.000	7040.000	0.0	0.0	0.0	0.0
NC	0.045	0.050	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	10.290	34.000	5175.000	4025.000	2245.000	2720.000	2610.000	0.0	0.0	0.0
GR	560.000	1000.000	575.000	1740.000	570.000	3015.000	570.000	3875.000	565.000	4020.000
GR	560.000	4200.000	560.000	4415.000	565.000	4585.000	565.000	5125.000	550.000	5175.000
GR	555.000	5185.000	550.000	5200.000	540.000	5240.000	535.000	5265.000	535.200	5300.000
GR	515.600	5325.000	512.900	5360.000	512.400	5500.000	515.400	5650.000	516.200	5630.000
GR	513.800	5870.000	519.000	5930.000	525.200	5940.000	535.000	5970.000	540.000	5985.000
GR	545.000	6000.000	550.000	6015.000	555.000	6025.000	560.000	6090.000	560.000	6470.000
GR	565.000	6500.000	570.000	6520.000	575.000	6540.000	580.000	6600.000	0.0	0.0
NC	0.045	0.070	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	10.670	33.000	4460.000	5335.000	2090.000	2000.000	2040.000	0.0	0.0	0.0
GR	580.000	1000.000	575.000	1360.000	575.000	2400.000	575.000	2950.000	570.000	3165.000
GR	570.000	3630.000	565.000	3720.000	565.000	3880.000	560.000	3940.000	560.000	4140.000
GR	565.000	4310.000	565.000	4480.000	540.000	4540.000	535.000	4565.000	525.200	4595.000
GR	516.600	4615.000	511.600	4675.000	514.400	4720.000	515.600	4875.000	517.100	5110.000
GR	516.600	5220.000	525.200	5235.000	535.000	5265.000	540.000	5285.000	545.000	5300.000
GR	550.000	5320.000	555.000	5335.000	560.000	5370.000	565.000	5525.000	565.000	6065.000
GR	570.000	6145.000	575.000	6195.000	580.000	6210.000	0.0	0.0	0.0	0.0
NC	0.060	0.110	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	11.130	23.000	5170.000	6020.000	2510.000	2345.000	2405.000	0.0	0.0	0.0
GR	540.000	1000.000	575.000	1110.000	575.000	2080.000	570.000	2325.000	570.000	2570.000
GR	575.000	3260.000	575.000	3885.000	570.000	4020.000	565.000	4125.000	560.000	5055.000
GR	555.000	5170.000	550.000	5185.000	545.000	5195.000	540.000	5210.000	535.000	5220.000
GR	530.000	5245.000	515.500	5295.000	514.500	5360.000	514.700	5490.000	515.600	5530.000
GR	515.700	5695.000	516.500	5835.000	519.500	5865.000	522.300	5890.000	530.000	5930.000
GR	540.000	6465.000	545.000	6495.000	550.000	6600.000	560.000	6020.000	565.000	6065.000
NC	0.055	0.110	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	11.520	24.000	5750.000	6530.000	2070.000	2075.000	2070.000	0.0	0.0	0.0
GR	540.000	1000.000	575.000	1170.000	575.000	3100.000	570.000	3200.000	570.000	3450.000
GR	545.000	3490.000	560.000	3515.000	560.000	4775.000	560.000	5050.000	565.000	5630.000
GR	545.000	5710.000	560.000	5750.000	545.000	5795.000	540.000	5815.000	535.000	5835.000
GR	530.000	5885.000	522.600	5905.000	515.900	5945.000	518.700	6030.000	513.600	6080.000
GR	510.000	6270.000	511.200	6360.000	514.700	6410.000	530.000	6450.000	540.000	6470.000
GR	565.000	6530.000	570.000	6565.000	575.000	6575.000	580.000	6590.000	0.0	0.0
NC	0.045	0.110	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	12.000	25.000	6140.000	7105.000	2260.000	2620.000	2515.000	0.0	0.0	565.000	2035.000
GR	580.000	1000.000	575.000	1020.000	545.000	1880.000	570.000	2025.000	565.000	2035.000	0.0
GR	585.000	6085.000	560.000	6140.000	575.000	6205.000	580.000	6235.000	565.000	6285.000	0.0
GR	530.000	6315.000	522.800	6345.000	517.300	6370.000	515.300	6530.000	516.600	6620.000	0.0
GR	517.800	6755.000	516.600	6965.000	530.000	7020.000	535.000	7050.000	550.000	7105.000	0.0
GR	560.000	7140.000	560.000	7270.000	565.000	7340.000	575.000	7375.000	580.000	7405.000	0.0

X1	12.400	27.000	6085.000	6940.000	1935.000	2140.000	2085.000	0.0	0.0	565.000	2660.000
GR	580.000	1000.000	575.000	1140.000	575.000	2585.000	570.000	2625.000	565.000	2660.000	0.0
GR	560.000	3330.000	560.000	3530.000	565.000	3605.000	565.000	4245.000	565.000	6085.000	0.0
GR	555.000	6105.000	550.000	6130.000	545.000	6160.000	540.000	6170.000	530.000	6195.000	0.0
GR	520.400	6235.000	518.700	6370.000	516.300	6560.000	514.400	6695.000	510.900	6775.000	0.0
GR	517.900	6815.000	530.000	6865.000	540.000	6880.000	570.000	6940.000	575.000	6955.000	0.0
GR	575.000	7005.000	580.000	7020.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.050	0.110	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	12.690	30.000	5840.000	6685.000	1420.000	1485.000	1470.000	0.0	0.0	565.000	1975.000
GR	560.000	1000.000	575.000	1040.000	575.000	1485.000	570.000	1850.000	565.000	1975.000	0.0
GR	565.000	2420.000	560.000	2715.000	565.000	2930.000	565.000	3170.000	560.000	3440.000	0.0
GR	555.000	5860.000	550.000	5875.000	545.000	5890.000	540.000	5905.000	535.000	5925.000	0.0
GR	530.000	5945.000	521.000	5990.000	515.000	6080.000	515.000	6210.000	513.500	6335.000	0.0
GR	511.000	6415.000	513.000	6470.000	520.500	6525.000	530.000	6580.000	535.000	6635.000	0.0
GR	540.000	6610.000	545.000	6630.000	570.000	6685.000	575.000	6730.000	580.000	6750.000	0.0

X1	13.080	23.000	5835.000	6760.000	1960.000	2225.000	2150.000	0.0	0.0	565.000	2035.000
GR	580.000	1000.000	575.000	1075.000	570.000	1505.000	570.000	1770.000	565.000	2035.000	0.0
GR	565.000	5835.000	560.000	5860.000	555.000	5875.000	540.000	5935.000	535.000	5960.000	0.0
GR	530.000	5980.000	513.400	6025.000	513.400	6170.000	511.700	6320.000	510.900	6455.000	0.0
GR	514.900	6490.000	522.400	6520.000	530.000	6565.000	540.000	6630.000	545.000	6645.000	0.0
GR	550.000	6675.000	575.000	6760.000	580.000	6780.000	0.0	0.0	0.0	0.0	0.0
NC	0.050	0.040	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	13.460	32.000	5500.000	6250.000	1925.000	2110.000	2065.000	0.0	0.0	565.000	2740.000
GR	560.000	1000.000	575.000	1305.000	570.000	1355.000	565.000	1725.000	565.000	2740.000	0.0
GR	565.000	5310.000	576.000	5345.000	570.000	5435.000	565.000	5500.000	555.000	5520.000	0.0
GR	550.000	5535.000	545.000	5545.000	540.000	5555.000	535.000	5570.000	513.400	5700.000	0.0
GR	512.800	5605.000	514.700	5845.000	513.900	5920.000	516.700	6085.000	515.400	6120.000	0.0
GR	521.800	6155.000	530.000	6195.000	540.000	6225.000	545.000	6235.000	550.000	6250.000	0.0
GR	555.000	6305.000	540.000	6390.000	565.000	6425.000	565.000	6465.000	570.000	6505.000	0.0
GR	575.000	6515.000	580.000	6535.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	13.790	25.000	5535.000	6320.000	1735.000	1655.000	1665.000	0.0	0.0	565.000	5190.000
GR	580.000	1000.000	575.000	1235.000	570.000	1410.000	565.000	2710.000	565.000	5190.000	0.0
GR	570.000	5285.000	570.000	5350.000	565.000	5535.000	540.000	5580.000	535.000	5595.000	0.0
GR	519.900	5670.000	515.900	5700.000	515.900	5770.000	514.400	5900.000	514.700	5970.000	0.0
GR	515.100	6100.000	517.900	6205.000	535.000	6275.000	540.000	6285.000	550.000	6300.000	0.0
GR	560.000	6320.000	565.000	6445.000	570.000	6655.000	575.000	6685.000	580.000	6750.000	0.0
NC	0.050	0.100	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	14.190	38.000	6095.000	6900.000	1910.000	2085.000	2125.000	0.0	0.0	575.000	1105.000
GR	595.000	1000.000	590.000	1015.000	565.000	1025.000	580.000	1045.000	560.000	1105.000	0.0
GR	575.000	1325.000	570.000	1390.000	565.000	1690.000	560.000	1705.000	560.000	4100.000	0.0
GR	565.000	4130.000	565.000	5030.000	570.000	5350.000	570.000	5385.000	565.000	5875.000	0.0
GR	560.000	6095.000	555.000	6125.000	550.000	6150.000	540.000	6170.000	535.000	6190.000	0.0



GR	525.200	6215.000	518.400	6255.000	517.400	6350.000	515.000	6520.000	513.000	6650.000
GR	513.900	6690.000	516.400	6730.000	523.400	6760.000	525.200	6805.000	535.000	6845.000
GR	540.000	6860.000	555.000	6900.000	560.000	6965.000	565.000	7010.000	570.000	7025.000
GR	575.000	7075.000	580.000	7125.000	595.000	7165.000	0.0	0.0	0.0	0.0
NC	0.045	0.130	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	14.570	34.000	5865.000	6675.000	1915.000	2090.000	1995.000	0.0	0.0	0.0
GR	580.000	1000.000	575.000	1030.000	570.000	1045.000	565.000	1640.000	565.000	2355.000
GR	565.000	3515.000	560.000	3775.000	560.000	3835.000	565.000	4240.000	570.000	4835.000
GR	570.000	4945.000	565.000	5335.000	560.000	5765.000	555.000	5805.000	550.000	5865.000
GR	545.000	5890.000	540.000	5920.000	535.000	5950.000	525.200	5985.000	520.500	6010.000
GR	518.500	6085.000	518.500	6205.000	517.300	6235.000	516.200	6310.000	513.800	6425.000
GR	516.000	6515.000	525.200	6540.000	535.000	6580.000	540.000	6600.000	515.000	6675.000
GR	580.000	6730.000	585.000	6740.000	590.000	6790.000	595.000	6800.000	0.0	0.0
NC	0.045	0.050	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	14.950	30.000	5520.000	6340.000	1845.000	2135.000	2020.000	0.0	0.0	0.0
GR	580.000	1000.000	575.000	1040.000	570.000	1075.000	565.000	1100.000	565.000	1710.000
GR	565.000	4490.000	570.000	4850.000	570.000	5250.000	565.000	5520.000	550.000	5550.000
GR	545.000	5565.000	540.000	5575.000	535.000	5590.000	525.200	5610.000	519.000	5695.000
GR	516.800	5855.000	514.800	5985.000	512.000	6115.000	515.200	6160.000	519.000	6200.000
GR	535.000	6240.000	540.000	6265.000	550.000	6285.000	555.000	6320.000	565.000	6340.000
GR	570.000	6445.000	575.000	6495.000	580.000	6575.000	585.000	6605.000	590.000	6635.000
X1	15.430	28.000	4345.000	5200.000	1975.000	2335.000	2400.000	0.0	0.0	0.0
GR	580.000	1000.000	575.000	1035.000	570.000	1075.000	565.000	1245.000	565.000	2065.000
GR	565.000	3825.000	570.000	4350.000	570.000	4345.000	540.000	4405.000	535.000	4415.000
GR	517.000	4470.000	514.500	4500.000	514.000	4530.000	516.800	4605.000	518.500	4760.000
GR	521.000	4890.000	525.200	5115.000	535.000	5145.000	540.000	5160.000	560.000	5200.000
GR	565.000	5765.000	570.000	5810.000	570.000	5970.000	570.000	6400.000	575.000	6590.000
GR	560.000	6650.000	585.000	6710.000	590.000	6770.000	0.0	0.0	0.0	0.0
X1	15.680	30.000	3885.000	4705.000	1600.000	1390.000	1500.000	0.0	0.0	0.0
GR	580.000	1000.000	575.000	1045.000	570.000	1220.000	565.000	1990.000	565.000	2540.000
GR	565.000	3430.000	570.000	3690.000	570.000	3885.000	540.000	3945.000	530.000	3970.000
GR	525.200	4005.000	514.200	4085.000	516.200	4195.000	517.600	4295.000	520.500	4435.000
GR	522.000	4545.000	522.800	4615.000	525.200	4635.000	530.000	4665.000	540.000	4680.000
GR	560.000	4705.000	565.000	4735.000	565.000	5290.000	570.000	5665.000	570.000	6500.000
GR	575.000	6675.000	580.000	6720.000	585.000	6750.000	590.000	6780.000	595.000	6800.000
NC	0.020	0.045	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	15.190	35.000	3620.000	4410.000	2890.000	2380.000	2525.000	0.0	0.0	0.0
GR	580.000	1000.000	575.000	1040.000	570.000	1065.000	565.000	1090.000	560.000	1120.000
GR	560.000	1200.000	565.000	1280.000	565.000	1705.000	570.000	2905.000	570.000	3585.000
GR	565.000	3620.000	540.000	3675.000	530.000	3700.000	519.900	3750.000	517.900	3780.000
GR	515.600	3685.000	516.600	3935.000	515.500	4020.000	518.100	4125.000	518.900	4240.000
GR	519.900	4315.000	525.200	4345.000	530.000	4365.000	540.000	4375.000	560.000	4410.000
GR	565.000	4460.000	570.000	4465.000	570.000	4860.000	565.000	5310.000	565.000	5540.000
GR	570.000	5600.000	570.000	6000.000	575.000	6300.000	580.000	6400.000	585.000	6480.000
NC	0.050	0.045	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	15.670	35.000	4535.000	5370.000	2870.000	2480.000	2580.000	0.0	0.0	0.0
GR	585.000	1000.000	580.000	1015.000	575.000	1065.000	570.000	1120.000	565.000	1195.000
GR	565.000	2585.000	565.000	3335.000	570.000	4025.000	570.000	4160.000	565.000	4535.000
GR	555.000	4575.000	545.000	4625.000	540.000	4645.000	535.000	4660.000	530.000	4685.000
GR	521.600	4735.000	518.800	4790.000	518.600	4895.000	516.600	5015.000	516.600	5065.000



## SUMMARY PRINTOUT FOR MULTIPLE PROFILES

-YEAR PROFILES RUN NO. 9													
SECTION	CHANNEL	MIN EL	OF	MAX EL	OF	MIN EL	DISCHARGE	CMSL	TOPWID	VOL	DEPTH	HV	QLOB
NUMBER	LENGTH	ROADWAY	LWM	THORD	GROUND	ZCFS<							OROB
0.05	0.0	0.0	0.0	0.0	0.0	495.60152000.00	546.70	938.70	0.0	51.10	0.39	0.0	0.0
0.05	0.0	0.0	0.0	0.0	0.0	495.60194000.00	546.70	938.70	0.0	51.10	0.64	0.0	0.0
0.05	0.0	0.0	0.0	0.0	0.0	495.60235000.00	546.70	938.70	0.0	51.10	0.94	0.0	0.0
0.05	0.0	0.0	0.0	0.0	0.0	495.60400000.00	546.70	938.70	0.0	51.10	2.72	0.0	0.0
0.05	0.0	0.0	0.0	0.0	0.0	495.60125000.00	559.87	1067.92	0.0	64.27	0.13	26.05	0.0
0.05	0.0	0.0	0.0	0.0	0.0	495.60125000.00	566.77	1895.91	0.0	71.17	0.10	568.98	0.0
0.05	0.0	0.0	0.0	0.0	0.0	495.60125000.00	569.76	2260.69	0.0	74.16	0.08	1180.65	0.0
0.05	0.0	0.0	0.0	0.0	0.0	495.60125000.00	576.36	3065.90	0.0	80.76	0.06	3367.30	0.0
0.59	2870.00	0.0	0.0	0.0	0.0	501.70152000.00	547.13	790.72	1897.21	45.44	0.48	0.0	43.31
0.59	2870.00	0.0	0.0	0.0	0.0	501.70194000.00	547.41	792.04	1904.10	45.71	0.77	0.0	60.28
0.59	2870.00	0.0	0.0	0.0	0.0	501.70235000.00	547.74	793.68	1912.70	46.04	1.12	0.0	80.86
0.59	2870.00	0.0	0.0	0.0	0.0	501.70400000.00	549.65	803.27	1963.34	47.95	2.91	0.0	225.98
0.59	2870.00	0.0	0.0	0.0	0.0	501.70125000.00	559.96	2570.69	2913.74	58.26	0.17	439.48	1580.04
0.59	2870.00	0.0	0.0	0.0	0.0	501.70125000.00	566.85	3450.65	3954.46	65.13	0.11	3148.65	5424.58
0.59	2870.00	0.0	0.0	0.0	0.0	501.70125000.00	569.81	3492.35	4462.49	68.11	0.09	4745.74	7174.44
0.59	2870.00	0.0	0.0	0.0	0.0	501.70125000.00	576.40	4593.45	5926.43	74.70	0.06	6195.20	11656.43
1.16	2990.00	0.0	0.0	0.0	0.0	507.10152000.00	547.70	823.51	3777.88	40.60	0.48	0.0	0.0
1.16	2990.00	0.0	0.0	0.0	0.0	507.10194000.00	548.31	826.57	3809.28	41.21	0.75	0.0	0.0
1.16	2990.00	0.0	0.0	0.0	0.0	507.10235000.00	549.03	830.17	3847.34	41.93	1.05	0.0	0.0
1.16	2990.00	0.0	0.0	0.0	0.0	507.10400000.00	552.93	846.71	4062.93	45.83	2.46	0.0	0.0
1.16	2990.00	0.0	0.0	0.0	0.0	507.10125000.00	560.10	4508.12	6186.66	53.00	0.16	218.80	2535.14
1.16	2990.00	0.0	0.0	0.0	0.0	507.10125000.00	566.92	4691.04	9210.44	59.82	0.09	751.80	13087.91
1.16	2990.00	0.0	0.0	0.0	0.0	507.10125000.00	569.89	4723.77	10605.96	62.79	0.07	994.51	17824.48
1.16	2990.00	0.0	0.0	0.0	0.0	507.10125000.00	576.45	4785.60	14306.75	69.35	0.04	1486.23	27008.93
1.64	2450.00	0.0	0.0	0.0	0.0	498.70152000.00	548.24	926.21	5521.04	49.54	0.30	0.0	0.0
1.64	2450.00	0.0	0.0	0.0	0.0	498.70194000.00	549.15	930.75	5590.36	50.45	0.47	0.0	0.0
1.64	2450.00	0.0	0.0	0.0	0.0	498.70235000.00	550.20	935.79	5672.67	51.50	0.65	0.0	0.0
1.64	2450.00	0.0	0.0	0.0	0.0	498.70400000.00	555.47	1363.25	6123.69	56.77	1.45	0.0	27.64
1.64	2450.00	0.0	0.0	0.0	0.0	498.70125000.00	560.24	4486.58	8963.23	61.54	0.11	0.0	1426.33
1.64	2450.00	0.0	0.0	0.0	0.0	498.70125000.00	566.99	4825.16	13504.20	68.29	0.07	2.22	9818.82
1.64	2450.00	0.0	0.0	0.0	0.0	498.70125000.00	569.94	4856.77	15580.74	71.24	0.06	22.00	14066.31
1.64	2450.00	0.0	0.0	0.0	0.0	498.70125000.00	576.48	4881.78	20803.41	77.78	0.03	155.25	22814.21
2.13	2470.00	0.0	0.0	0.0	0.0	510.20152000.00	548.50	949.97	7359.68	38.30	0.39	0.0	0.0
2.13	2470.00	0.0	0.0	0.0	0.0	510.20194000.00	549.55	954.87	7481.12	39.35	0.60	0.0	0.0
2.13	2470.00	0.0	0.0	0.0	0.0	510.20235000.00	550.73	1008.31	7623.76	40.53	0.82	3.47	0.0
2.13	2470.00	0.0	0.0	0.0	0.0	510.20400000.00	556.50	1387.65	8419.50	46.30	1.70	1702.07	0.0
2.13	2470.00	0.0	0.0	0.0	0.0	510.20125000.00	560.31	4147.45	11737.50	52.11	0.13	1554.81	40.73
2.13	2470.00	0.0	0.0	0.0	0.0	510.20125000.00	567.03	4466.65	17800.84	56.83	0.08	3936.94	5854.91
2.13	2470.00	0.0	0.0	0.0	0.0	510.20125000.00	569.97	4479.85	20568.75	59.77	0.06	4902.50	9364.34
2.13	2470.00	0.0	0.0	0.0	0.0	510.20125000.00	576.49	4750.73	27344.57	66.30	0.04	6745.95	16761.23



SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL GROUND	DISCHARGE ZCF8<	CWSEL	TOPMID	VOL	DEPTH	HV	QLOB	OROB
2.61	2550.00	0.0	0.0	510.70152000.00	548.95	996.73	9152.65	38.25	0.37	0.0	0.0	0.0
2.61	2550.00	0.0	0.0	510.70194000.00	550.41	1003.66	9340.03	39.51	0.56	0.0	0.0	0.0
2.61	2550.00	0.0	0.0	510.70235000.00	551.04	1011.33	9557.50	40.91	0.76	0.0	0.0	0.0
2.61	2550.00	0.0	0.0	510.70400000.00	556.05	1049.56	10771.13	47.35	1.53	335.00	0.0	0.0
2.61	2550.00	0.0	0.0	510.70125000.00	566.42	1257.68	14418.55	49.72	0.13	272.47	46.05	0.0
2.61	2550.00	0.0	0.0	510.70125000.00	567.09	5222.89	22193.73	56.39	0.08	3969.48	4471.41	0.0
2.61	2550.00	0.0	0.0	510.70125000.00	570.01	5255.04	25771.00	59.31	0.06	5697.18	7427.99	0.0
2.61	2550.00	0.0	0.0	510.70125000.00	576.52	5315.17	34364.79	65.82	0.04	9148.42	13848.36	0.0
3.02	2135.00	0.0	0.0	513.30152000.00	529.31	1004.64	10670.68	36.01	0.37	0.0	0.0	0.0
3.02	2135.00	0.0	0.0	513.30194000.00	550.73	1012.95	10924.25	37.43	0.56	0.0	0.0	0.0
3.02	2135.00	0.0	0.0	513.30235000.00	552.28	1022.76	11214.82	38.98	0.74	0.0	0.0	0.0
3.02	2135.00	0.0	0.0	513.30400000.00	559.21	2135.64	12671.12	45.91	1.42	3873.92	84.77	0.0
3.02	2135.00	0.0	0.0	513.30125000.00	560.51	2322.48	16704.30	47.21	0.13	1863.90	53.61	0.0
3.02	2135.00	0.0	0.0	513.30125000.00	567.13	4163.61	25711.33	51.83	0.08	6458.65	528.45	0.0
3.02	2135.00	0.0	0.0	513.30125000.00	570.04	4425.91	29962.71	56.75	0.07	8980.19	1229.41	0.0
3.02	2135.00	0.0	0.0	513.30125000.00	576.54	4661.13	40101.45	63.24	0.04	14799.81	3145.42	0.0
3.41	2060.00	0.0	0.0	511.90152000.00	549.65	951.91	12104.54	37.75	0.41	0.0	0.0	0.0
3.41	2060.00	0.0	0.0	511.90194000.00	551.21	2178.99	12463.36	39.31	0.60	690.18	0.65	0.0
3.41	2060.00	0.0	0.0	511.90235000.00	552.69	2323.86	12885.48	40.99	0.77	3380.15	7.37	0.0
3.41	2060.00	0.0	0.0	511.90400000.00	560.41	3882.04	15339.05	48.51	1.14	39427.40	263.05	0.0
3.41	2060.00	0.0	0.0	511.90125000.00	560.61	3883.04	19262.72	48.71	0.11	12676.99	87.40	0.0
3.41	2060.00	0.0	0.0	511.90125000.00	567.20	3921.50	29399.19	55.30	0.06	24487.73	322.74	0.0
3.41	2060.00	0.0	0.0	511.90125000.00	570.10	3943.16	34246.09	58.20	0.05	29063.53	436.71	0.0
3.41	2060.00	0.0	0.0	511.90125000.00	576.57	3995.34	45754.64	64.67	0.03	37485.86	687.66	0.0
3.98	3070.00	0.0	0.0	504.00152000.00	550.20	866.78	14104.49	46.20	0.49	0.0	0.0	0.0
3.98	3070.00	0.0	0.0	504.00194000.00	551.97	882.71	14721.04	47.97	0.71	0.0	0.0	0.0
3.98	3070.00	0.0	0.0	504.00235000.00	553.82	899.35	15236.32	49.82	0.93	0.0	0.0	0.0
3.98	3070.00	0.0	0.0	504.00400000.00	561.45	4028.34	18855.61	57.45	1.72	3668.60	3.00	0.0
3.98	3070.00	0.0	0.0	504.00125000.00	560.70	3982.98	22700.60	56.70	0.10	357.17	0.14	0.0
3.98	3070.00	0.0	0.0	504.00125000.00	567.24	4348.65	34733.59	63.24	0.10	12522.39	54.61	0.0
3.98	3070.00	0.0	0.0	504.00125000.00	570.13	4476.42	40444.25	66.13	0.07	18498.39	107.76	0.0
3.98	3070.00	0.0	0.0	504.00125000.00	576.59	4545.70	53908.27	72.59	0.04	31465.22	242.47	0.0
4.36	1975.00	0.0	0.0	511.00152000.00	550.72	1075.78	15446.59	35.72	0.35	0.0	1.03	0.0
4.36	1975.00	0.0	0.0	511.00194000.00	552.70	1160.89	16048.71	41.70	0.50	0.0	40.78	0.0
4.36	1975.00	0.0	0.0	511.00235000.00	554.73	1248.42	16757.58	43.73	0.65	0.0	200.56	0.0
4.36	1975.00	0.0	0.0	511.00400000.00	562.93	3420.26	20933.15	51.93	1.16	2231.75	3046.87	0.0
4.36	1975.00	0.0	0.0	511.00125000.00	560.86	2535.39	24599.54	49.86	0.13	77.17	711.50	0.0
4.36	1975.00	0.0	0.0	511.00125000.00	567.31	5004.74	37636.09	56.31	0.09	4131.04	1458.97	0.0
4.36	1975.00	0.0	0.0	511.00125000.00	570.17	5281.22	43866.10	59.17	0.07	7530.14	1767.64	0.0
4.36	1975.00	0.0	0.0	511.00125000.00	576.61	5327.47	58519.89	65.61	0.04	15619.85	2364.33	0.0

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL GROUND	DISCHARGE TCS<	CWSEL	TOPWTD	VOL	DEPTH	HV	DLOB	WROB
4.85	2640.00	0.0	0.0	512.70152000.00	551.12	2156.21	17383.96	38.42	0.38	379.99	0.0	0.0
4.85	2640.00	0.0	0.0	512.70194000.00	553.23	2196.45	18189.61	40.53	0.53	2570.14	0.0	0.0
4.85	2640.00	0.0	0.0	512.70235000.00	555.39	2695.50	19119.58	42.69	0.66	6604.39	33.33	0.0
4.85	2640.00	0.0	0.0	512.70400000.00	564.11	5301.88	24818.28	51.41	0.66	46487.06	9041.52	0.0
4.85	2640.00	0.0	0.0	512.70125000.00	560.98	5368.24	27795.86	48.28	0.12	9541.96	1409.29	0.0
4.85	2640.00	0.0	0.0	512.70125000.00	567.39	5833.62	42646.99	54.69	0.06	19994.61	4447.57	0.0
4.85	2640.00	0.0	0.0	512.70125000.00	570.24	5929.45	49807.48	57.54	0.04	24412.59	5800.02	0.0
4.85	2640.00	0.0	0.0	512.70125000.00	576.65	6033.15	66598.75	63.95	0.02	32735.71	8430.98	0.0
5.05	1070.00	0.0	0.0	512.10152000.00	551.28	934.05	18146.93	39.18	0.40	0.0	0.0	0.0
5.05	1070.00	0.0	0.0	512.10194000.00	553.44	949.09	19038.80	41.34	0.57	0.0	0.0	0.0
5.05	1070.00	0.0	0.0	512.10235000.00	555.62	2604.40	20073.27	43.52	0.73	235.20	45.11	0.0
5.05	1070.00	0.0	0.0	512.10400000.00	564.39	7003.93	26840.52	52.29	0.90	45661.49	7214.52	0.0
5.05	1070.00	0.0	0.0	512.10125000.00	561.01	6970.19	29271.70	48.91	0.13	5668.70	968.99	0.0
5.05	1070.00	0.0	0.0	512.10125000.00	567.41	7110.48	45209.17	55.31	0.06	22256.54	3461.60	0.0
5.05	1070.00	0.0	0.0	512.10125000.00	570.26	7173.27	52865.93	58.16	0.04	29000.57	4518.60	0.0
5.05	1070.00	0.0	0.0	512.10125000.00	576.66	7246.57	70790.50	64.56	0.02	40957.48	6476.15	0.0
5.44	2080.00	0.0	0.0	512.80152000.00	551.63	898.54	19565.56	38.83	0.42	0.0	0.0	0.0
5.44	2080.00	0.0	0.0	512.80194000.00	553.90	913.64	20554.83	41.10	0.59	0.0	0.0	0.0
5.44	2080.00	0.0	0.0	512.80235000.00	556.18	2292.88	21741.86	43.38	0.76	468.52	0.0	0.0
5.44	2080.00	0.0	0.0	512.80400000.00	565.00	6044.61	30614.22	52.20	0.90	56060.97	375.75	0.0
5.44	2080.00	0.0	0.0	512.80125000.00	561.10	5694.61	31910.97	48.30	0.14	6871.77	2.71	0.0
5.44	2080.00	0.0	0.0	512.80125000.00	567.49	6198.07	49872.76	54.65	0.07	24081.59	335.67	0.0
5.44	2080.00	0.0	0.0	512.80125000.00	570.29	6304.20	58456.52	57.49	0.05	30868.64	652.38	0.0
5.44	2080.00	0.0	0.0	512.80125000.00	576.67	6393.34	70498.31	63.88	0.02	42977.39	1441.55	0.0
5.85	2170.00	0.0	0.0	503.40152000.00	551.98	809.75	20984.91	48.58	0.47	0.0	2.59	0.0
5.85	2170.00	0.0	0.0	503.40194000.00	554.36	833.60	22074.20	50.96	0.67	0.0	24.48	0.0
5.85	2170.00	0.0	0.0	503.40235000.00	556.72	2213.71	23423.13	53.32	0.87	542.87	94.84	0.0
5.85	2170.00	0.0	0.0	503.40400000.00	565.54	5361.99	34277.09	62.15	1.07	55148.35	983.05	0.0
5.85	2170.00	0.0	0.0	503.40125000.00	561.19	4704.10	34482.71	57.79	0.17	6126.87	166.62	0.0
5.85	2170.00	0.0	0.0	503.40125000.00	567.48	5404.77	54163.96	64.08	0.08	22384.65	368.37	0.0
5.85	2170.00	0.0	0.0	503.40125000.00	570.31	5819.92	63561.83	66.91	0.06	29394.67	450.02	0.0
5.85	2170.00	0.0	0.0	503.40125000.00	576.69	6066.87	85534.50	73.29	0.03	42878.71	627.65	0.0
6.42	2990.00	0.0	0.0	509.50152000.00	552.55	850.32	22942.61	43.05	0.41	0.0	0.0	0.0
6.42	2990.00	0.0	0.0	509.50194000.00	555.13	865.54	24175.15	45.63	0.58	0.0	0.0	0.0
6.42	2990.00	0.0	0.0	509.50235000.00	557.65	875.62	25708.82	48.15	0.75	0.0	0.0	0.0
6.42	2990.00	0.0	0.0	509.50400000.00	566.53	6005.53	38979.59	57.03	1.00	44774.42	1.67	0.0
6.42	2990.00	0.0	0.0	509.50125000.00	561.34	4814.73	37583.06	51.84	0.17	1224.50	0.0	0.0
6.42	2990.00	0.0	0.0	509.50125000.00	567.56	6039.38	59402.88	58.06	0.09	17114.43	1.91	0.0
6.42	2990.00	0.0	0.0	509.50125000.00	570.36	6142.96	69847.44	60.86	0.06	25427.48	12.01	0.0
6.42	2990.00	0.0	0.0	509.50125000.00	576.71	6469.01	94339.13	67.21	0.03	41352.31	62.32	0.0

SECTION NUMBER	CHANNEL LENGTH	MIN EL ROADWAY	OF LOW	MAX EL CHORD	MIN EL GROUND	DISCHARGE XCFS<	CWSEL	TOPMID	VOL	DEPTH	HV	QLOB	OROB
6.79	2015.00	0.0	0.0	0.0	508.40152000.00	552.69	1008.47	24320.42	40.49	0.40	0.0	81.21	
6.79	2015.00	0.0	0.0	0.0	508.40194000.00	555.58	1119.17	25671.53	47.18	0.56	0.0	558.25	
6.79	2015.00	0.0	0.0	0.0	508.40235000.00	558.19	1130.47	27324.54	49.79	0.70	0.0	1683.59	
6.79	2015.00	0.0	0.0	0.0	508.40400000.00	567.19	5816.31	42192.14	56.79	0.91	42837.27	9042.82	
6.79	2015.00	0.0	0.0	0.0	508.40125000.00	561.46	4921.71	39569.78	53.06	0.16	1168.15	1664.31	
6.79	2015.00	0.0	0.0	0.0	508.40125000.00	567.61	5834.67	62792.86	59.21	0.08	14441.59	2894.55	
6.79	2015.00	0.0	0.0	0.0	508.40125000.00	570.40	5959.30	73929.06	62.00	0.06	21367.90	3302.87	
6.79	2015.00	0.0	0.0	0.0	508.40125000.00	576.73	6205.68	100049.38	66.33	0.03	35036.34	3998.66	
7.28	2590.00	0.0	0.0	0.0	513.40152000.00	553.29	849.76	26058.42	39.89	0.45	0.0	0.0	
7.28	2590.00	0.0	0.0	0.0	513.40194000.00	556.09	865.45	27566.20	42.69	0.62	0.0	0.0	
7.28	2590.00	0.0	0.0	0.0	513.40235000.00	558.79	878.94	29375.86	45.39	0.78	0.0	0.0	
7.28	2590.00	0.0	0.0	0.0	513.40400000.00	567.91	5946.37	46941.98	54.51	0.91	48834.52	9962.94	
7.28	2590.00	0.0	0.0	0.0	513.40125000.00	561.58	5319.23	42196.29	48.18	0.18	1446.83	302.15	
7.28	2590.00	0.0	0.0	0.0	513.40125000.00	567.67	5939.83	67577.00	54.27	0.09	14696.11	3002.15	
7.28	2590.00	0.0	0.0	0.0	513.40125000.00	570.45	6249.26	79763.94	57.05	0.07	21198.03	4277.21	
7.28	2590.00	0.0	0.0	0.0	513.40125000.00	576.75	6527.94	108395.88	63.35	0.03	33897.18	6723.11	
7.87	3095.00	0.0	0.0	0.0	514.30152000.00	553.86	854.79	28095.12	39.56	0.43	0.0	0.0	
7.87	3095.00	0.0	0.0	0.0	514.30194000.00	556.81	1075.13	29790.71	42.51	0.59	0.0	159.57	
7.87	3095.00	0.0	0.0	0.0	514.30235000.00	559.64	1109.62	31792.36	45.34	0.73	0.0	855.31	
7.87	3095.00	0.0	0.0	0.0	514.30400000.00	568.74	5128.69	52282.90	54.44	0.97	25551.99	21798.34	
7.87	3095.00	0.0	0.0	0.0	514.30125000.00	561.76	3266.36	45137.58	47.47	0.18	245.17	1289.57	
7.87	3095.00	0.0	0.0	0.0	514.30125000.00	567.75	5107.83	72688.63	53.45	0.11	6332.83	6010.34	
7.87	3095.00	0.0	0.0	0.0	514.30125000.00	570.50	5160.99	85967.94	56.20	0.08	10946.17	8168.42	
7.87	3095.00	0.0	0.0	0.0	514.30125000.00	576.78	5238.07	117195.63	62.48	0.04	20763.02	12255.12	
8.26	2040.00	0.0	0.0	0.0	511.80152000.00	554.23	886.21	29483.90	42.43	0.39	0.0	0.0	
8.26	2040.00	0.0	0.0	0.0	511.80194000.00	557.29	899.48	31311.19	45.49	0.53	0.0	0.0	
8.26	2040.00	0.0	0.0	0.0	511.80235000.00	560.19	1300.70	33448.00	48.39	0.67	0.0	5.12	
8.26	2040.00	0.0	0.0	0.0	511.80400000.00	569.21	4472.54	55390.31	57.41	1.15	7315.29	7490.69	
8.26	2040.00	0.0	0.0	0.0	511.80125000.00	561.89	1335.79	46973.85	50.09	0.17	0.0	130.78	
8.26	2040.00	0.0	0.0	0.0	511.80125000.00	567.81	4317.45	75530.81	56.01	0.12	1213.46	1657.06	
8.26	2040.00	0.0	0.0	0.0	511.80125000.00	570.54	4565.46	89431.19	54.74	0.10	3496.39	3034.88	
8.26	2040.00	0.0	0.0	0.0	511.80125000.00	576.79	4632.96	122110.31	64.99	0.06	10047.41	6339.13	
8.55	1560.00	0.0	0.0	0.0	510.80152000.00	554.50	959.56	30593.17	43.70	0.36	0.0	0.0	
8.55	1560.00	0.0	0.0	0.0	510.80194000.00	557.63	974.63	32523.56	46.83	0.49	0.0	0.0	
8.55	1560.00	0.0	0.0	0.0	510.80235000.00	560.60	1423.56	34764.80	49.80	0.61	0.0	35.61	
8.55	1560.00	0.0	0.0	0.0	510.80400000.00	569.83	4455.75	57654.72	59.03	0.99	7363.37	10064.97	
8.55	1560.00	0.0	0.0	0.0	510.80125000.00	561.95	1626.70	48367.7	51.19	0.16	0.0	154.03	
8.55	1560.00	0.0	0.0	0.0	510.80125000.00	567.87	4294.96	77527.69	57.07	0.11	1029.42	2118.66	
8.55	1560.00	0.0	0.0	0.0	510.80125000.00	570.55	4476.39	91866.75	59.79	0.09	2870.69	3551.89	
8.55	1560.00	0.0	0.0	0.0	510.80125000.00	576.82	4555.68	125561.00	66.02	0.06	8070.53	6623.22	



SECTION NUMBER	CHANNEL LENGTH	MIN EL ROADWAY	MAX EL OF LOW CHORD	MIN EL GROUND	DISCHARGE XCFS<	CMSL	TOPMID	VNL	DEPTH	HV	QLOB	OROB
9.04	2540.00	0.0	0.0	509.60152000.00	554.84	781.61	32337.28	45.24	0.45	0.0	0.0	0.0
9.04	2540.00	0.0	0.0	509.60152000.00	558.03	805.23	34429.97	48.43	0.62	0.0	0.0	0.0
9.04	2540.00	0.0	0.0	509.60235000.00	561.04	1280.34	36884.04	51.44	0.78	135.84	45.12	5.92
9.04	2540.00	0.0	0.0	509.60400000.00	570.37	1070.24	61326.98	60.77	1.27	19353.06	3787.68	0.0
9.04	2540.00	0.0	0.0	509.60125000.00	562.10	1367.79	50551.84	52.50	0.21	231.24	40.76	0.0
9.04	2540.00	0.0	0.0	509.60125000.00	567.93	3839.95	80668.50	58.33	0.15	3270.42	590.21	0.0
9.51	2455.00	0.0	0.0	507.60125000.00	570.63	4073.95	95669.00	61.03	0.12	6379.51	1254.31	0.0
9.51	2455.00	0.0	0.0	507.60152000.00	576.85	4277.68	130958.94	61.25	0.07	14496.02	2979.36	0.0
9.51	2455.00	0.0	0.0	507.60194000.00	555.26	816.03	33907.50	47.66	0.47	0.0	0.0	0.0
9.51	2455.00	0.0	0.0	507.60235000.00	561.65	1797.63	38753.38	54.05	0.79	746.59	0.0	0.0
9.51	2455.00	0.0	0.0	507.60300000.00	571.35	5391.60	64793.33	63.75	1.05	43456.02	283.08	0.0
9.51	2455.00	0.0	0.0	507.60125000.00	562.26	1921.29	52527.92	54.66	0.22	684.76	0.0	0.0
9.51	2455.00	0.0	0.0	507.60125000.00	568.04	3420.33	83488.19	60.44	0.14	7198.87	13.43	0.0
9.79	1430.00	0.0	0.0	507.60125000.00	570.72	5341.29	99072.50	63.12	0.11	12140.12	67.49	0.0
9.79	1430.00	0.0	0.0	511.90152000.00	555.58	847.30	34844.98	43.68	0.41	0.0	0.0	0.0
9.79	1430.00	0.0	0.0	511.90194000.00	558.95	860.80	37177.32	47.05	0.55	0.0	0.0	0.0
9.79	1430.00	0.0	0.0	511.90235000.00	562.10	1419.59	39894.68	50.20	0.69	647.39	0.0	0.0
9.79	1430.00	0.0	0.0	511.90400000.00	571.81	5177.98	66691.81	59.91	0.98	36297.49	286.17	0.0
9.79	1430.00	0.0	0.0	511.90125000.00	562.38	1436.98	53669.61	50.48	0.19	421.79	0.0	0.0
9.79	1430.00	0.0	0.0	511.90125000.00	568.10	3367.33	85024.56	56.20	0.13	4849.24	12.03	0.0
9.79	1430.00	0.0	0.0	511.90125000.00	570.77	4999.03	100866.94	58.87	0.11	9174.44	59.10	0.0
10.29	2610.00	0.0	0.0	512.90125000.00	576.92	5842.82	138593.13	65.02	0.06	23320.92	256.13	0.0
10.29	2610.00	0.0	0.0	512.90152000.00	555.99	854.78	36616.66	43.09	0.41	0.0	0.0	0.0
10.29	2610.00	0.0	0.0	512.90194000.00	559.45	906.74	39126.91	46.55	0.55	0.0	1.22	0.0
10.29	2610.00	0.0	0.0	512.90235000.00	562.67	1739.68	42095.33	49.77	0.68	578.04	1069.23	0.0
10.29	2610.00	0.0	0.0	512.90400000.00	572.46	4142.94	70449.00	59.56	0.99	23968.13	12932.14	0.0
10.29	2610.00	0.0	0.0	512.90125000.00	562.53	1724.45	55894.64	49.63	0.19	281.15	533.36	0.0
10.29	2610.00	0.0	0.0	512.90125000.00	568.19	2585.27	87869.38	55.30	0.13	3036.62	2470.51	0.0
10.67	2040.00	0.0	0.0	512.90125000.00	570.84	3720.85	104306.06	57.94	0.11	5442.86	3460.44	0.0
10.67	2040.00	0.0	0.0	511.60152000.00	576.96	5113.09	143617.63	64.06	0.06	14809.92	5430.90	0.0
10.67	2040.00	0.0	0.0	511.60194000.00	559.83	843.29	37988.07	44.70	0.43	0.0	1.02	0.0
10.67	2040.00	0.0	0.0	511.60235000.00	563.09	1324.20	43813.56	51.49	0.70	659.80	213.74	0.0
10.67	2040.00	0.0	0.0	511.60400000.00	572.93	3135.23	73351.94	61.33	1.08	18500.32	8624.39	0.0
10.67	2040.00	0.0	0.0	511.60125000.00	562.65	1288.97	57593.73	51.05	0.20	269.03	94.95	0.0
10.67	2040.00	0.0	0.0	511.60125000.00	568.26	2456.00	90225.00	56.66	0.15	2361.39	976.17	0.0
10.67	2040.00	0.0	0.0	511.60125000.00	570.89	3027.25	106909.06	59.29	0.12	4063.01	1900.71	0.0
10.67	2040.00	0.0	0.0	511.60125000.00	576.98	4984.09	147467.81	65.38	0.08	10250.27	4282.48	0.0

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAY EL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE CFS	CMSL	TOPWID	VOL	DEPTH	HV	QLOB	QROB
11.13	2405.00	0.0	0.0	51.50152000.00	556.71	882.43	39604.79	42.21	0.41	7.70	0.0	0.0
11.13	2405.00	0.0	0.0	514.50194000.00	560.32	1024.86	42434.34	45.82	0.55	182.01	0.02	0.0
11.13	2405.00	0.0	0.0	514.50235000.00	563.64	1672.51	45839.95	49.14	0.67	1239.41	14.19	0.0
11.13	2405.00	0.0	0.0	514.50400000.00	573.59	3467.44	76726.94	59.09	1.07	23059.11	1830.97	0.0
11.13	2405.00	0.0	0.0	514.50125000.00	562.81	1512.54	59567.42	48.31	0.20	453.33	3.95	0.0
11.13	2405.00	0.0	0.0	514.50125000.00	568.36	2258.93	92811.81	53.86	0.14	3097.56	101.57	0.0
11.13	2405.00	0.0	0.0	514.50125000.00	570.96	2877.05	109873.56	56.46	0.12	4936.11	285.42	0.0
11.52	2070.00	0.0	0.0	510.00125000.00	577.02	5436.82	151760.69	62.53	0.08	11315.34	999.72	0.0
11.52	2070.00	0.0	0.0	510.00194000.00	557.00	751.61	40948.71	47.00	0.49	0.0	0.0	0.0
11.52	2070.00	0.0	0.0	510.00235000.00	564.04	2833.38	47670.48	54.04	0.65	262.82	0.0	0.0
11.52	2070.00	0.0	0.0	510.00400000.00	574.27	3459.00	79914.75	64.27	0.75	6017.96	0.0	0.0
11.52	2070.00	0.0	0.0	510.00125000.00	562.93	2688.38	61294.52	52.93	0.92	62220.87	154.37	0.0
11.52	2070.00	0.0	0.0	510.00125000.00	568.44	3091.59	95185.56	58.44	0.23	1929.12	0.0	0.0
12.00	2515.00	0.0	0.0	510.00125000.00	571.04	3387.67	112599.81	61.04	0.12	14133.68	4.35	0.0
12.00	2515.00	0.0	0.0	510.00125000.00	577.04	5481.52	155658.38	67.08	0.07	24278.55	78.52	0.0
12.00	2515.00	0.0	0.0	515.30152000.00	557.56	980.88	42660.45	42.26	0.35	0.0	31.31	0.0
12.00	2515.00	0.0	0.0	515.30194000.00	561.35	123.78	45883.25	46.05	0.45	2.68	137.73	0.0
12.00	2515.00	0.0	0.0	515.30235000.00	564.76	1249.00	49960.15	49.46	0.56	80.54	528.41	0.0
12.00	2515.00	0.0	0.0	515.30400000.00	575.14	6356.42	84542.00	59.84	0.58	68640.50	3195.69	0.0
12.00	2515.00	0.0	0.0	515.30125000.00	563.15	1208.88	63445.50	47.86	0.17	15.32	178.16	0.0
12.00	2515.00	0.0	0.0	515.30125000.00	568.57	5324.66	98346.50	53.27	0.11	5549.19	567.99	0.0
12.00	2515.00	0.0	0.0	515.30125000.00	571.14	5369.61	116348.44	55.84	0.09	11697.40	751.00	0.0
12.40	2085.00	0.0	0.0	510.90152000.00	577.14	6376.40	160987.94	61.84	0.05	26214.74	1104.94	0.0
12.40	2085.00	0.0	0.0	510.90194000.00	557.81	816.25	44120.20	46.91	0.43	0.0	0.0	0.0
12.40	2085.00	0.0	0.0	510.90235000.00	561.64	1340.88	47526.45	50.74	0.57	260.33	0.0	0.0
12.40	2085.00	0.0	0.0	510.90400000.00	565.08	4270.68	51838.55	54.18	0.68	3069.24	0.0	0.0
12.40	2085.00	0.0	0.0	510.90125000.00	575.43	5878.20	88685.06	64.53	0.69	78118.63	15.67	0.0
12.40	2085.00	0.0	0.0	510.90125000.00	563.25	1653.28	65196.21	52.36	0.22	653.06	0.0	0.0
12.40	2085.00	0.0	0.0	510.90125000.00	568.63	4302.79	101006.88	57.73	0.14	8270.81	0.0	0.0
12.40	2085.00	0.0	0.0	510.90125000.00	571.19	4328.13	119567.25	60.29	0.11	14441.24	0.09	0.0
12.64	1470.00	0.0	0.0	511.00152000.00	577.16	5932.17	165649.38	66.26	0.06	28552.16	16.95	0.0
12.64	1470.00	0.0	0.0	511.00194000.00	568.05	810.96	45093.83	47.06	0.43	0.0	0.0	0.0
12.64	1470.00	0.0	0.0	511.00235000.00	561.97	1427.18	48630.41	50.93	0.56	397.33	0.0	0.0
12.64	1470.00	0.0	0.0	511.00400000.00	575.74	4709.87	53156.74	54.40	0.67	3599.53	0.0	0.0
12.64	1470.00	0.0	0.0	511.00125000.00	563.36	5698.83	91581.63	64.74	0.67	81133.25	49.11	0.0
12.64	1470.00	0.0	0.0	511.00125000.00	564.64	4799.58	102833.25	57.69	0.14	8269.20	0.0	0.0
12.64	1470.00	0.0	0.0	511.00125000.00	571.23	4848.04	121775.56	60.23	0.11	14496.95	0.31	0.0
12.64	1470.00	0.0	0.0	511.00125000.00	577.18	5716.25	168850.25	66.18	0.06	28707.36	26.66	0.0

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL GROUND	DISCHARGE	CMSL	TOPMID	VOL	DEPTH	HV	Q108	Q908
13.08	2150.00	0.0	0.0	510.90152000.00	-36.42	838.82	46538.47	47.52	0.41	0.0	0.0	0.0
13.08	2150.00	0.0	0.0	510.90194000.00	562.36	868.80	50556.01	51.46	0.54	0.0	0.0	0.0
13.08	2150.00	0.0	0.0	510.90235000.00	565.86	878.98	55095.80	54.96	0.65	0.0	0.0	0.0
13.08	2150.00	0.0	0.0	510.90400000.00	576.17	8707.30	95922.86	65.27	0.63	1040.54	0.0	0.0
13.08	2150.00	0.0	0.0	510.90125000.00	563.51	878.47	68079.19	52.61	0.21	74015.63	0.29	0.0
13.08	2150.00	0.0	0.0	510.90125000.00	568.78	8904.48	105455.19	57.88	0.14	5787.89	0.0	0.0
13.08	2150.00	0.0	0.0	510.90125000.00	571.30	8354.20	124973.13	60.40	0.11	11954.20	0.0	0.0
13.48	2065.00	0.0	0.0	512.80152000.00	558.71	855.42	47902.63	45.91	0.47	0.05	27169.52	0.0
13.48	2065.00	0.0	0.0	512.80194000.00	562.70	904.25	51783.85	49.90	0.61	0.0	528.50	0.0
13.48	2065.00	0.0	0.0	512.80235000.00	566.24	967.10	56946.88	53.44	0.73	1853.16	3522.26	0.0
13.48	2065.00	0.0	0.0	512.80400000.00	576.51	1308.38	10156.31	63.71	0.70	78863.00	12479.66	0.0
13.48	2065.00	0.0	0.0	512.80125000.00	563.64	912.85	69651.50	50.84	0.24	0.0	1300.65	0.0
13.48	2065.00	0.0	0.0	512.80125000.00	568.86	9494.24	107907.00	56.06	0.16	5839.36	2466.04	0.0
13.79	1665.00	0.0	0.0	514.40125000.00	571.35	5166.36	127998.50	58.55	0.12	11904.15	2994.73	0.0
13.79	1665.00	0.0	0.0	514.40152000.00	577.25	5356.47	177973.38	64.45	0.06	26332.21	4009.14	0.0
13.79	1665.00	0.0	0.0	514.40194000.00	559.02	772.27	48982.67	44.62	0.42	0.0	0.0	0.0
13.79	1665.00	0.0	0.0	514.40235000.00	563.06	857.92	53003.48	48.66	0.56	0.0	63.43	0.0
13.79	1665.00	0.0	0.0	514.40400000.00	576.63	1973.53	58470.39	52.23	0.68	2044.56	589.93	0.0
13.79	1665.00	0.0	0.0	514.40125000.00	563.78	877.10	70839.50	49.38	0.23	0.0	6162.33	0.0
13.79	1665.00	0.0	0.0	514.40125000.00	568.94	4800.27	109879.94	54.54	0.16	4582.70	669.15	0.0
14.19	2125.00	0.0	0.0	513.00125000.00	571.41	5302.99	130474.19	57.01	0.12	9976.86	1210.28	0.0
14.19	2125.00	0.0	0.0	513.00152000.00	577.28	5586.89	181685.88	62.88	0.06	24057.55	2651.94	0.0
14.19	2125.00	0.0	0.0	513.00194000.00	559.34	857.42	50406.36	46.34	0.43	0.0	32.07	0.0
14.19	2125.00	0.0	0.0	513.00235000.00	567.48	9465.70	60770.72	54.18	0.51	6332.10	219.17	0.0
14.19	2125.00	0.0	0.0	513.00400000.00	577.42	10293.15	108505.38	64.42	0.51	22488.84	543.36	0.0
14.19	2125.00	0.0	0.0	513.00125000.00	563.95	6023.71	72723.25	50.95	0.45	121015.06	2165.03	0.0
14.19	2125.00	0.0	0.0	513.00125000.00	569.06	5389.39	112625.86	56.06	0.20	4919.79	158.06	0.0
14.57	1995.00	0.0	0.0	513.80125000.00	577.33	6021.07	186493.13	64.33	0.09	23442.70	366.50	0.0
14.57	1995.00	0.0	0.0	513.80152000.00	559.65	874.27	51721.30	45.85	0.45	617.14	0.0	0.0
14.57	1995.00	0.0	0.0	513.80194000.00	563.79	1624.70	56480.89	49.99	0.57	2557.95	0.0	0.0
14.57	1995.00	0.0	0.0	513.80235000.00	567.45	4596.33	63096.90	53.65	0.63	12001.95	0.0	0.0
14.57	1995.00	0.0	0.0	513.80400000.00	577.66	5690.18	113354.50	63.86	0.52	13520.56	7.33	0.0
14.57	1995.00	0.0	0.0	513.80125000.00	564.07	1676.00	74475.81	50.27	0.23	1794.96	0.0	0.0
14.57	1995.00	0.0	0.0	513.80125000.00	569.12	5194.68	115349.19	55.32	0.15	10506.67	0.0	0.0
14.57	1995.00	0.0	0.0	513.80125000.00	571.55	5627.31	137135.94	57.75	0.11	17787.29	0.0	0.0
14.57	1995.00	0.0	0.0	513.80125000.00	577.35	5684.98	191291.19	63.55	0.05	34696.62	1.68	0.0



SECTION NUMBER	CHANNEL LENGTH	MIN EL	MAX EL OF LOW CHORD	MIN EL DISCHARGE	CWSEL	TUPAID	VOL	DEPTH	HV	OLDB	ORON
14.95	2020.00	0.0	0.0	512.00152000.00	560.01	400.00	53064.80	46.01	0.01	0.0	0.0
14.95	2020.00	0.0	0.0	512.00194000.00	564.19	416.77	56318.71	52.19	0.58	0.0	0.0
14.95	2020.00	0.0	0.0	512.00235000.00	567.89	443.15	65186.15	55.85	0.61	0.0	0.0
14.95	2020.00	0.0	0.0	512.00400000.00	577.95	5525.90	117407.15	65.95	0.59	0.0	0.0
14.95	2020.00	0.0	0.0	512.00125000.00	564.21	416.87	16024.46	52.23	0.59	0.0	0.0
14.95	2020.00	0.0	0.0	512.00125000.00	564.21	4848.85	117754.86	57.21	0.22	0.0	0.0
14.95	2020.00	0.0	0.0	512.00125000.00	571.62	5397.56	140103.56	54.62	0.15	7093.34	49.77
15.43	2400.00	0.0	0.0	514.00152000.00	577.38	5512.51	95638.19	65.38	0.11	13675.39	158.86
15.43	2400.00	0.0	0.0	514.00194000.00	560.39	479.78	54719.06	46.39	0.06	29919.77	551.56
15.43	2400.00	0.0	0.0	514.00235000.00	564.33	4413.05	67734.88	54.33	0.36	0.0	0.0
15.43	2400.00	0.0	0.0	514.00400000.00	572.34	5418.49	12918.31	64.34	0.50	0.0	0.0
15.43	2400.00	0.0	0.0	514.00125000.00	560.41	1342.34	77894.49	50.41	0.54	7015.01	3378.93
15.43	2400.00	0.0	0.0	514.00125000.00	569.32	4539.02	120560.25	55.32	0.51	75853.00	24674.19
15.43	2400.00	0.0	0.0	514.00125000.00	571.70	5402.97	143502.94	57.70	0.21	0.0	0.0
15.68	1500.00	0.0	0.0	514.00125000.00	577.42	5600.93	200548.19	63.42	0.14	5329.37	2219.31
15.68	1500.00	0.0	0.0	514.00152000.00	560.59	400.77	55764.89	46.39	0.11	10417.21	3415.85
15.68	1500.00	0.0	0.0	514.00235000.00	564.86	436.91	61083.79	50.86	0.05	22044.54	7120.68
15.68	1500.00	0.0	0.0	514.00400000.00	568.54	4338.28	69369.00	54.54	0.52	0.0	0.0
15.68	1500.00	0.0	0.0	514.00125000.00	570.52	4593.40	126437.25	60.32	0.59	4927.16	1088.21
15.68	1500.00	0.0	0.0	514.00125000.00	564.51	436.08	79671.25	50.31	0.58	61289.29	30916.68
15.68	1500.00	0.0	0.0	514.00125000.00	569.39	4074.75	122351.63	55.18	0.22	0.0	0.0
15.68	1500.00	0.0	0.0	514.00125000.00	571.74	5401.98	1405716.84	57.54	0.15	3693.95	1391.30
16.19	2525.00	0.0	0.0	515.00125000.00	577.44	5673.95	203869.44	63.24	0.12	7004.86	1016.98
16.19	2525.00	0.0	0.0	515.00152000.00	560.93	490.96	57509.29	45.43	0.06	17427.14	8610.36
16.19	2525.00	0.0	0.0	515.00194000.00	565.26	1789.77	63059.39	49.76	0.52	374.57	103.59
16.19	2525.00	0.0	0.0	515.00235000.00	568.84	3214.86	72014.56	53.45	0.62	2587.55	1808.66
16.19	2525.00	0.0	0.0	515.00400000.00	578.90	5167.54	132195.00	63.34	0.14	32471.57	54727.20
16.19	2525.00	0.0	0.0	515.00125000.00	564.68	1019.09	81074.31	49.18	0.22	188.66	43.88
16.19	2525.00	0.0	0.0	515.00125000.00	569.48	3420.77	125133.48	53.48	0.17	1646.40	1192.33
16.19	2525.00	0.0	0.0	515.00125000.00	571.61	5053.32	149196.88	56.31	0.14	3390.06	2876.16
16.19	2525.00	0.0	0.0	515.00125000.00	577.47	5329.40	200218.25	61.47	0.08	8863.40	9224.92
16.67	2580.00	0.0	0.0	515.00152000.00	561.20	795.55	59233.33	46.09	0.45	0.0	0.0
16.67	2580.00	0.0	0.0	515.00194000.00	565.68	3643.31	65080.52	50.48	0.50	402.13	104.34
16.67	2580.00	0.0	0.0	515.00235000.00	569.44	4614.88	74811.00	54.24	0.50	10119.34	2493.32
16.67	2580.00	0.0	0.0	515.00400000.00	579.53	5757.65	134255.88	64.33	0.53	82970.88	27953.17
16.67	2580.00	0.0	0.0	515.00125000.00	564.85	419.89	82931.13	49.65	0.25	0.0	0.0
16.67	2580.00	0.0	0.0	515.00125000.00	569.61	4462.08	124009.25	54.41	0.17	5696.35	1400.89
16.67	2580.00	0.0	0.0	515.00125000.00	571.93	5357.13	152790.56	56.73	0.13	10462.80	2702.17
16.67	2580.00	0.0	0.0	515.00125000.00	577.54	5664.23	214697.63	62.35	0.06	23380.76	6694.76

SECTION NUMBER	CHANNEL LENGTH	MIN EL ROADWAY	OF MAX EL LOW CHORD	OF MIN EL GROUND	DISCHARGE ZCFS<	CWSEL	TOPMID	VOL	DEPTH	HV	QLOB	OROB
17.15	2555.00	0.0	0.0	513.50152000.00	561.77	2185.97	61124.52	48.27	0.37	6144.91	877.39	
17.15	2555.00	0.0	0.0	513.50194000.00	566.27	1946.45	67514.88	52.77	0.41	16306.36	2736.15	
17.15	2555.00	0.0	0.0	513.50235000.00	570.06	5992.42	78262.63	56.56	0.38	56823.59	4713.75	
17.15	2555.00	0.0	0.0	513.50400000.00	580.06	6070.10	44994.56	66.56	0.34	19596.00	12435.36	
17.15	2555.00	0.0	0.0	513.50125000.00	565.11	4701.62	85133.56	51.61	0.19	8559.39	1490.53	
17.15	2555.00	0.0	0.0	513.50125000.00	569.78	5685.31	31436.69	56.28	0.11	18837.70	2468.00	
17.15	2555.00	0.0	0.0	513.50125000.00	572.06	6005.99	15694.94	58.56	0.08	25046.08	2881.64	
17.15	2555.00	0.0	0.0	513.50125000.00	577.61	6048.96	220689.56	64.11	0.04	18677.54	3634.75	
17.53	1990.00	0.0	0.0	515.50152000.00	561.97	713.25	62532.05	46.47	0.55	0.0	0.0	
17.53	1990.00	0.0	0.0	515.50194000.00	566.42	2827.44	69342.75	50.92	0.70	1230.55	0.67	
17.53	1990.00	0.0	0.0	515.50235000.00	570.15	5181.77	80818.31	54.65	0.72	13931.28	21.11	
17.53	1990.00	0.0	0.0	515.50400000.00	580.15	5275.29	149943.75	64.65	0.59	19707.75	444.89	
17.53	1990.00	0.0	0.0	515.50125000.00	565.19	2257.22	86774.38	49.69	0.51	25.89	0.00	
17.53	1990.00	0.0	0.0	515.50125000.00	569.80	4399.03	33922.75	54.30	0.21	6542.00	9.36	
17.53	1990.00	0.0	0.0	515.50125000.00	572.07	5204.81	59969.38	56.57	0.16	13328.18	26.04	
17.53	1990.00	0.0	0.0	515.50125000.00	577.62	5258.33	225039.94	62.12	0.08	30684.35	98.37	
17.92	2025.00	0.0	0.0	512.90152000.00	562.47	794.83	63799.19	49.57	0.43	0.0	0.0	
17.92	2025.00	0.0	0.0	512.90194000.00	567.00	2267.57	70884.69	54.10	0.53	1326.73	113.70	
17.92	2025.00	0.0	0.0	512.90235000.00	570.69	5261.02	82909.00	57.79	0.60	4838.77	716.75	
17.92	2025.00	0.0	0.0	512.90400000.00	580.51	5400.00	154348.75	67.61	0.57	94711.31	1446.44	
17.92	2025.00	0.0	0.0	512.90125000.00	565.45	2138.08	88170.38	52.55	0.25	75.39	6.44	
17.92	2025.00	0.0	0.0	512.90125000.00	569.96	2515.63	35894.94	57.06	0.18	3578.34	308.21	
17.92	2025.00	0.0	0.0	512.90125000.00	572.18	5284.93	162454.88	59.28	0.14	7963.86	536.92	
17.92	2025.00	0.0	0.0	512.90125000.00	577.67	5367.19	228811.19	64.77	0.08	22537.52	1112.45	
18.20	1505.00	0.0	0.0	512.60152000.00	562.70	790.48	64797.89	50.10	0.43	0.0	0.0	
18.20	1505.00	0.0	0.0	512.60194000.00	567.25	2125.70	72055.38	54.65	0.54	1428.56	41.77	
18.20	1505.00	0.0	0.0	512.60235000.00	570.95	5034.47	84485.88	58.35	0.60	9130.32	613.12	
18.20	1505.00	0.0	0.0	512.60400000.00	580.74	5450.00	157637.13	68.14	0.58	91243.88	7373.96	
18.20	1505.00	0.0	0.0	512.60125000.00	565.57	1839.75	89268.88	52.97	0.25	96.41	0.76	
18.20	1505.00	0.0	0.0	512.60125000.00	570.04	4937.29	37336.00	57.44	0.18	3393.34	204.94	
18.20	1505.00	0.0	0.0	512.60125000.00	572.24	5162.08	164269.38	59.64	0.15	7637.04	527.08	
18.20	1505.00	0.0	0.0	512.60125000.00	577.70	5355.33	231573.88	65.10	0.06	21382.41	1611.73	
18.78	3005.00	0.0	0.0	517.70152000.00	563.18	796.41	66803.50	45.48	0.42	0.0	0.0	
18.78	3005.00	0.0	0.0	517.70194000.00	567.78	1710.53	74493.94	50.08	0.53	806.18	7.62	
18.78	3005.00	0.0	0.0	517.70235000.00	571.49	4033.07	87617.94	53.79	0.60	6193.33	684.14	
18.78	3005.00	0.0	0.0	517.70400000.00	581.20	5545.01	164258.88	63.50	0.65	63537.14	19017.22	
18.78	3005.00	0.0	0.0	517.70125000.00	565.83	1215.07	91454.94	48.13	0.24	47.39	0.21	
18.78	3005.00	0.0	0.0	517.70125000.00	578.21	3656.56	140143.50	52.51	0.19	1973.01	37.17	
18.78	3005.00	0.0	0.0	517.70125000.00	572.37	4297.23	167755.69	54.67	0.16	4375.38	733.36	
18.78	3005.00	0.0	0.0	517.70125000.00	577.76	5484.46	236974.69	60.06	0.09	13556.97	3859.90	
SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH SECTION	CWSEL DIFF TOPMID	T.M. DIFF	LENGTH						
0.050	152000.000	546.700	0.0	0.0	938.695	0.0						
0.050	194000.000	546.700	0.0	0.0	938.695	0.0						
0.050	235000.000	546.700	0.0	0.0	938.695	0.0						
0.050	400000.000	546.700	0.0	0.0	938.695	0.0						
0.050	125000.000	559.870	13.170	0.0	1067.918	-129.223	0.0					
0.050	125000.000	569.770	0.0	0.0	1895.910	-957.215	0.0					
0.050	125000.000	569.760	2.990	0.0	2260.691	-1321.996	0.0					
0.050	125000.000	576.360	6.600	0.0	3063.902	-2127.207	0.0					
0.590	152000.000	547.135	0.0	0.0	190.720	0.0	2870.000					
0.590	194000.000	547.135	0.0	0.0	192.037	1.317	2870.001					
0.590	235000.000	547.735	0.328	1.036	793.679	-2.959	2870.001					