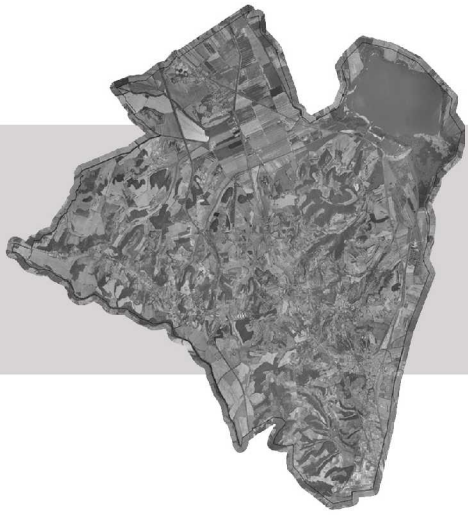
COMUNE DELLA CITTÀ DI CHIUSI

Provincia di Siena



Piano Strutturale

Adottato con Del.C.C. n. 118 del 21/12/2011

Approvato con Del.C.C. n. ____ del _____

QUADRO CONOSCITIVO

Idraulica

Risultati Modellazione Idraulica Fognatura Meteorica MONTALLESE I01-4B

Luglio 2012

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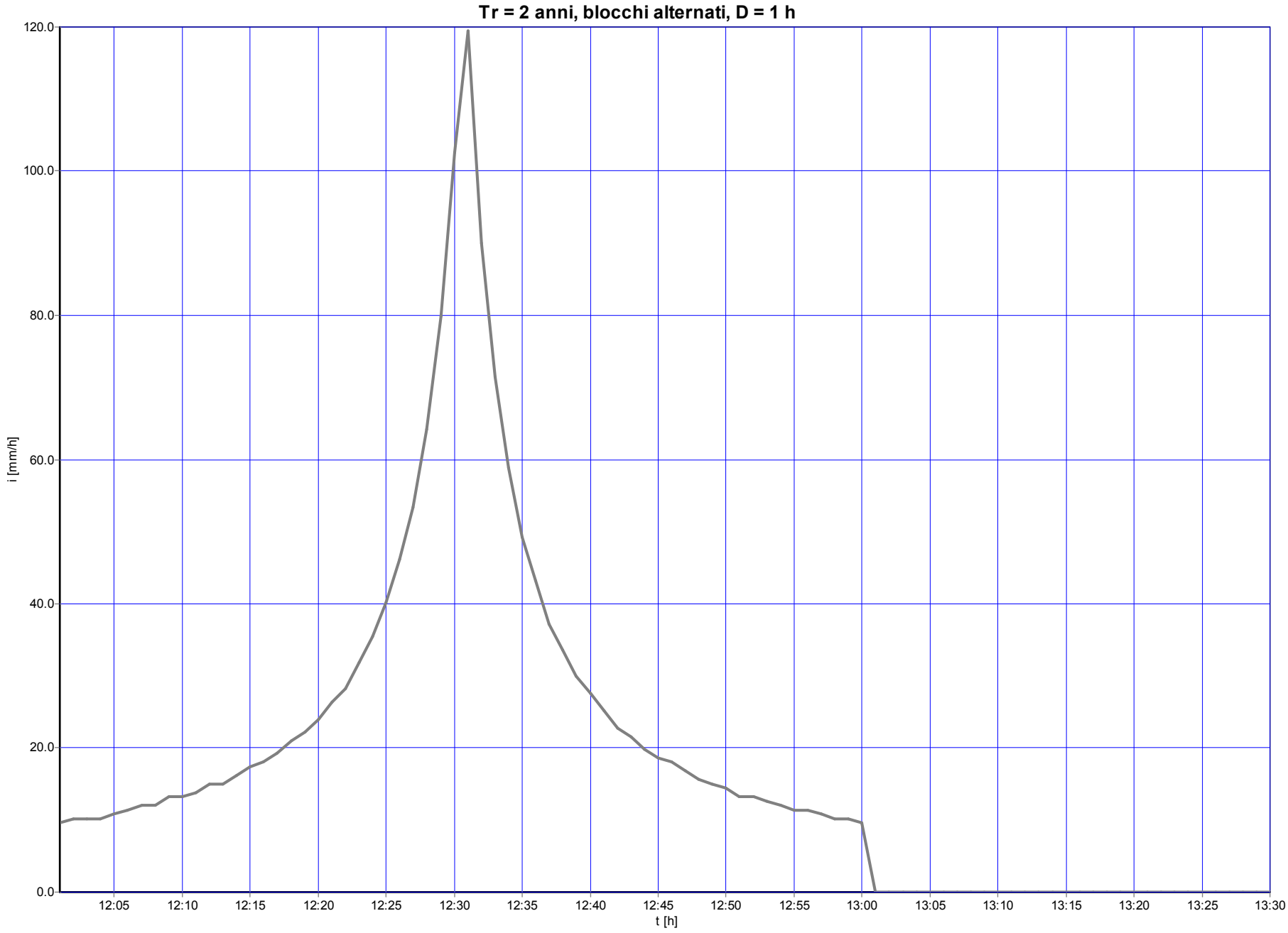
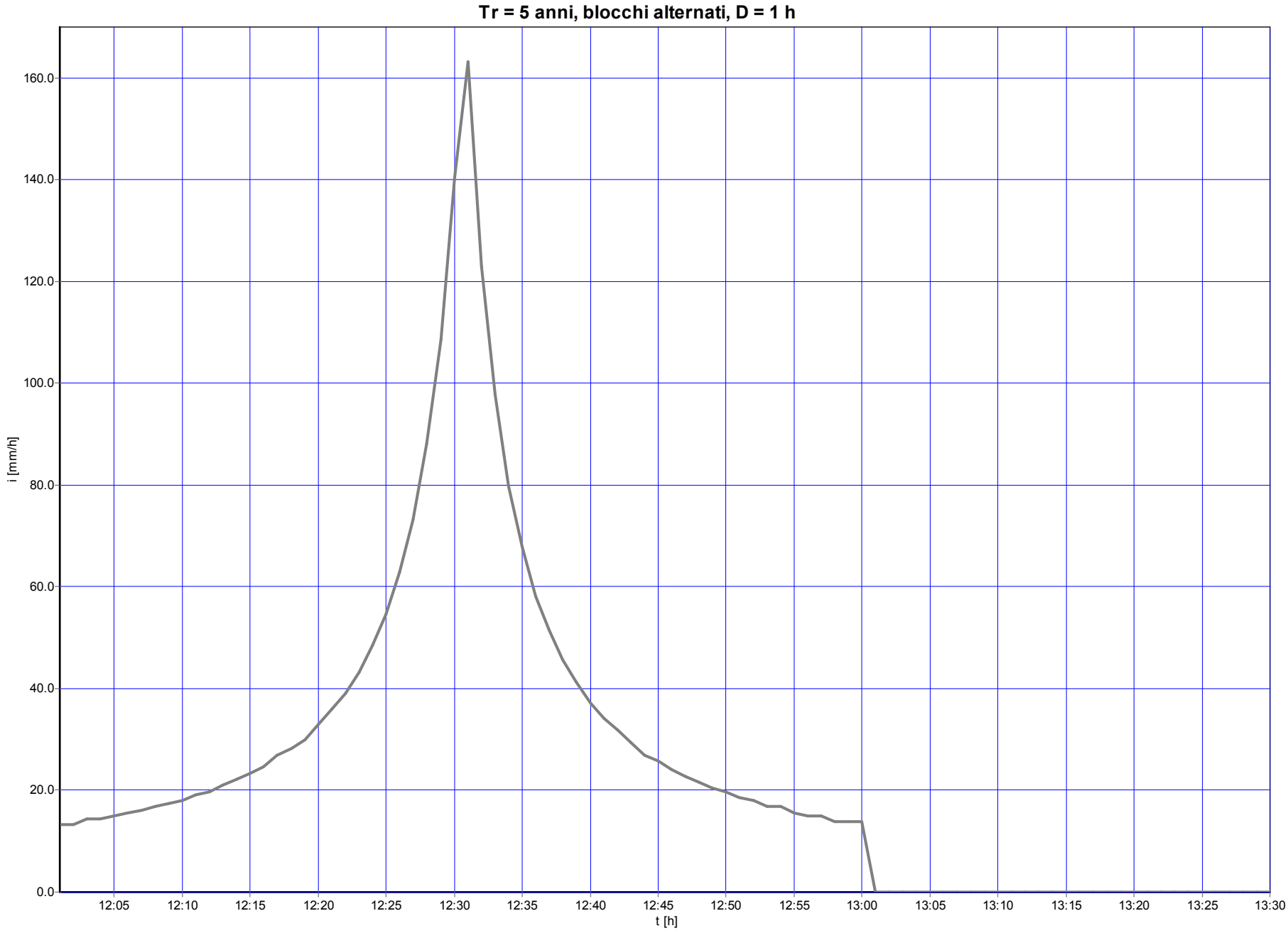
0.
IETOGRAMMI DI EVENTO/PROGETTO


Tr = 2 anni, blocchi alternati, D = 1 h
i [mm/h]
120.0
100.0
80.0
60.0
40.0
20.0
0.0
12:05
12:10
12:15
12:20
12:25
12:30
12:35
12:40
12:45
12:50
12:55
13:00
13:05
13:10
13:15
13:20
13:25
13:30
t [h]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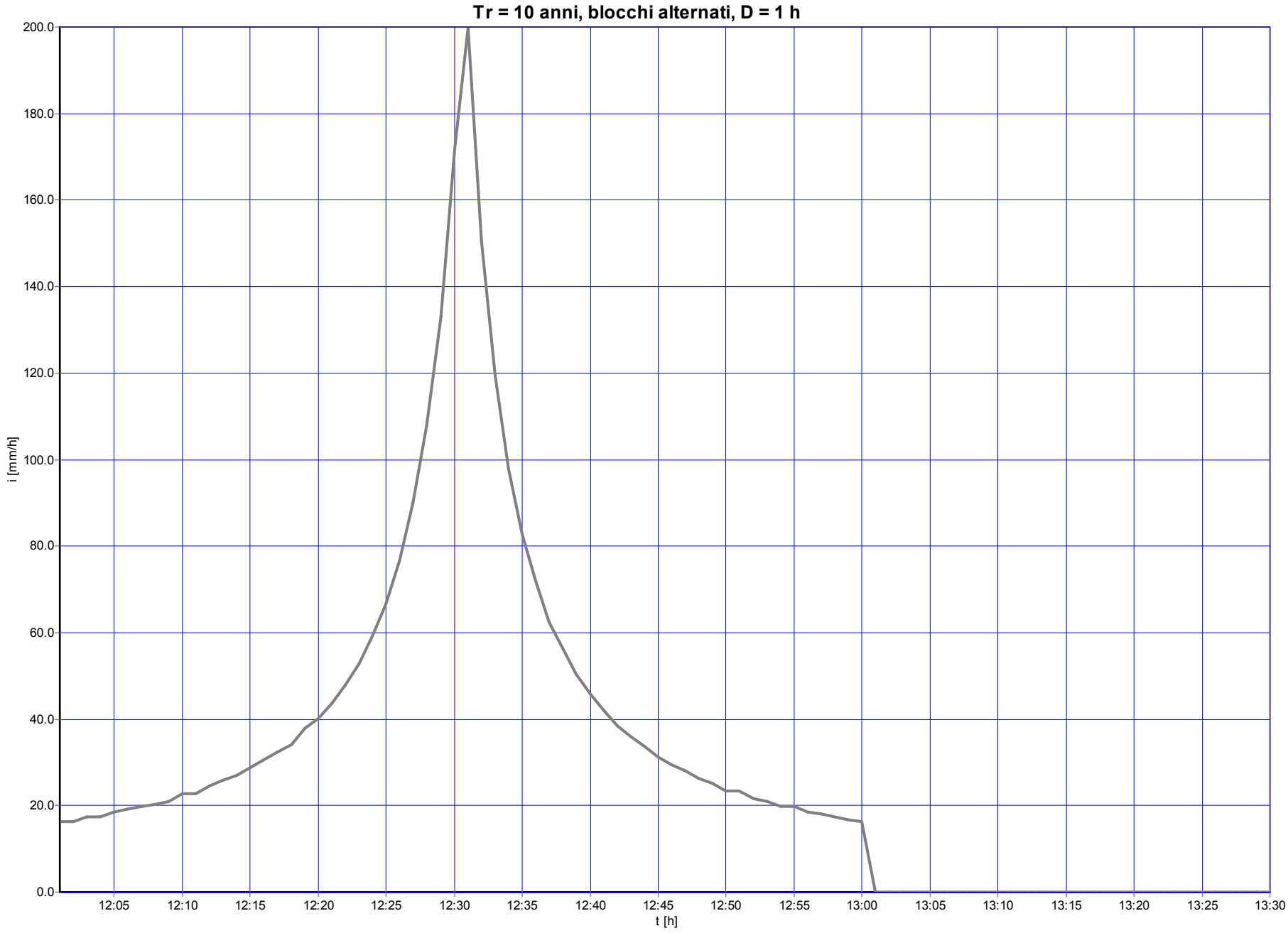
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
12:05
12:10
12:15
12:20
12:25
12:30
12:35
12:40
12:45
12:50
12:55
13:00
13:05
13:10
13:15
13:20
13:25
13:30
t [h]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i [mm/h]
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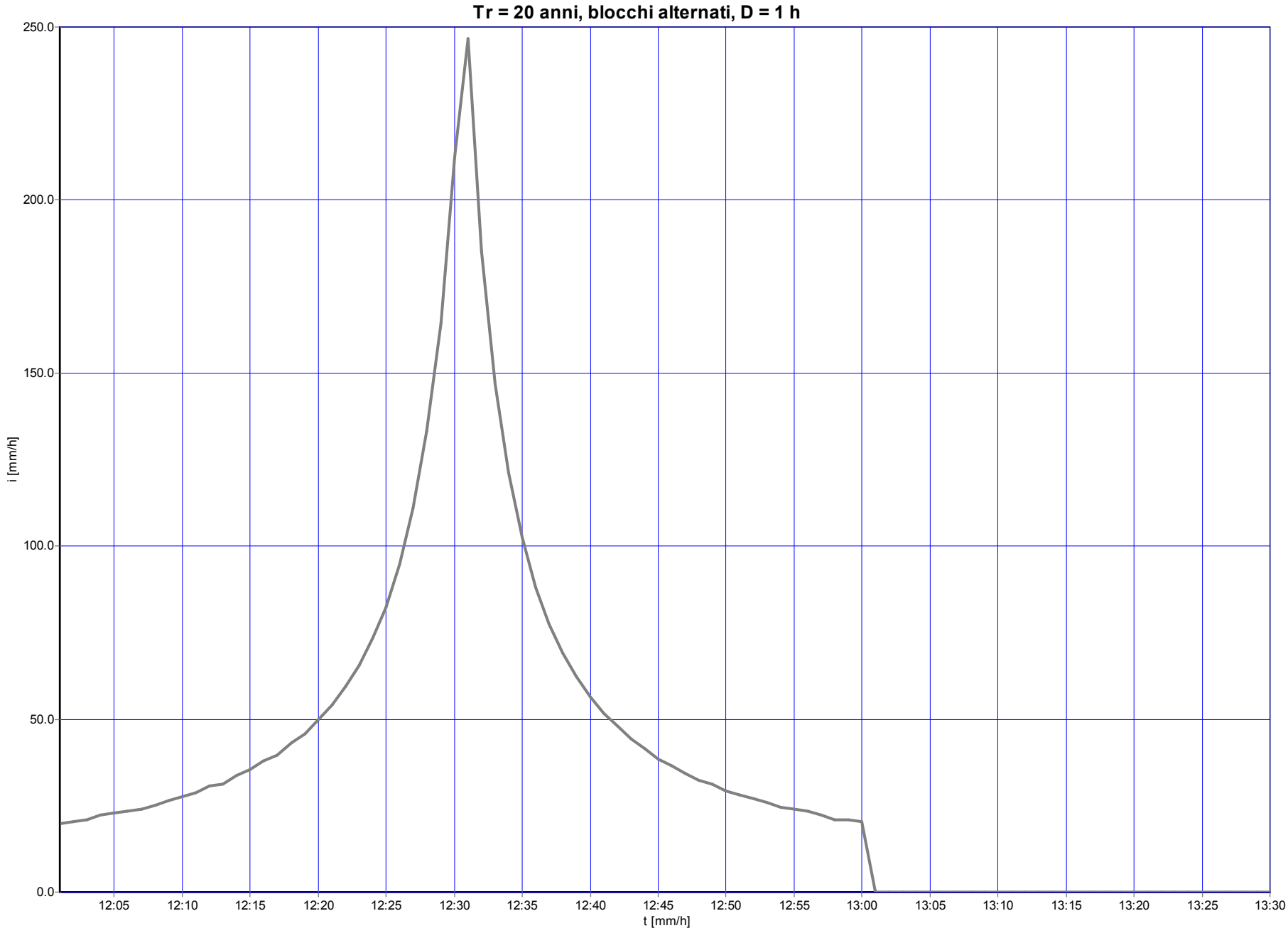
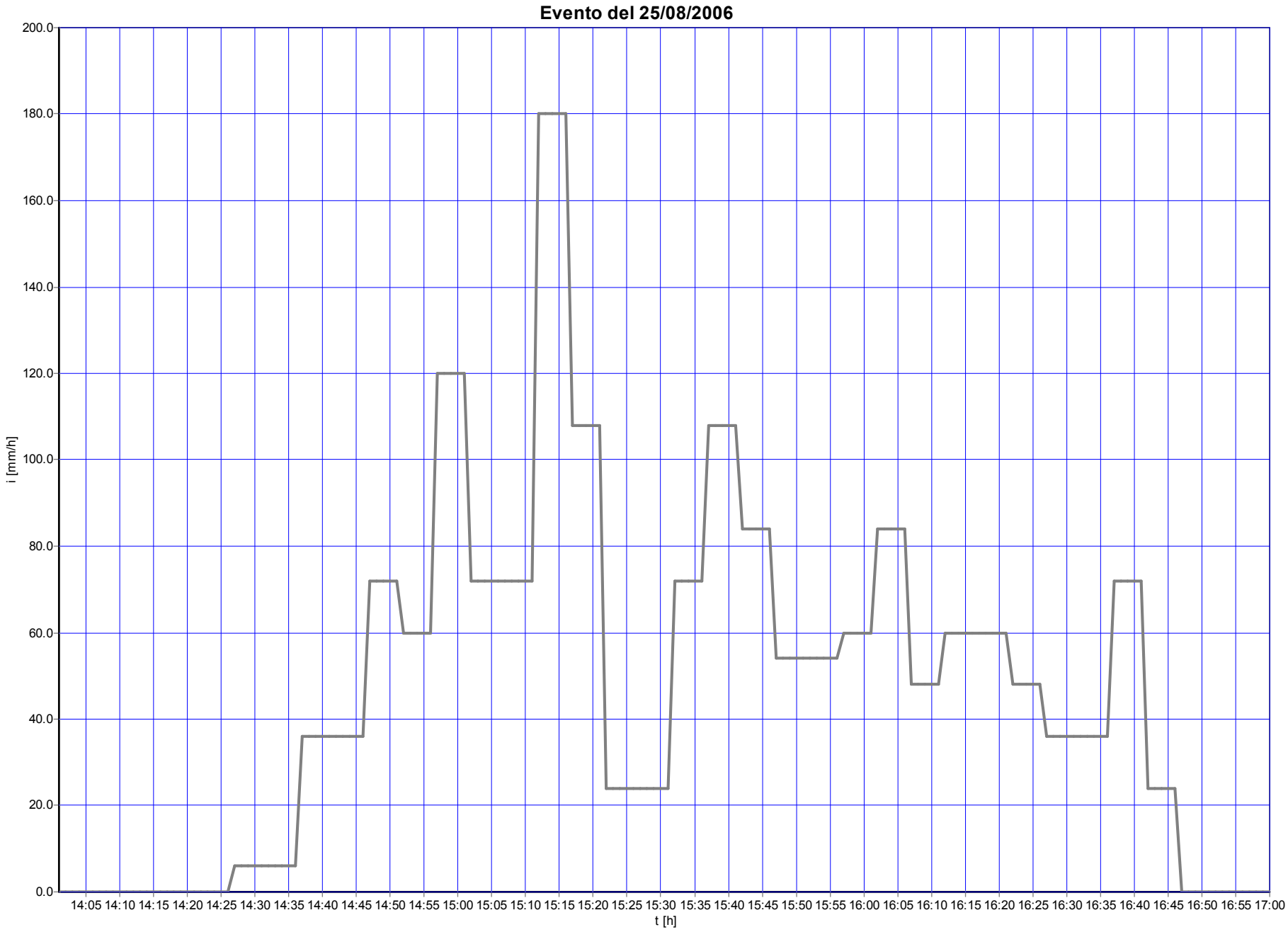
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
12:05
12:10
12:15
12:20
12:25
12:30
12:35
12:40
12:45
12:50
12:55
13:00
13:05
13:10
13:15
13:20
13:25
13:30
t [h]


Tr = 20 anni, blocchi alternati, D = 1 h
250.0
200.0
150.0
100.0
50.0
0.0
i [mm/h]
12:05
12:10
12:15
12:20
12:25
12:30
12:35
12:40
12:45
12:50
12:55
13:00
13:05
13:10
13:15
13:20
13:25
13:30
t [mm/h]


Evento del 25/08/2006
i [mm/h]
200.0
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
14:05 14:10 14:15 14:20 14:25 14:30 14:35 14:40 14:45 14:50 14:55 15:00 15:05 15:10 15:15 15:20 15:25 15:30 15:35 15:40 15:45 15:50 15:55 16:00 16:05 16:10 16:15 16:20 16:25 16:30 16:35 16:40 16:45 16:50 16:55 17:00
t [h]

1.
RISUTATI NUMERICI MODELLAZIONE IDRAULICA

Tr = 2 anni

```
  EPA STORM WATER MANAGEMENT MODEL - VERSION 5.0 (Build 5.0.015)
  --------------------------------------------------------------

  Sistema Fognario MONTALLESE
  CN2, Beta 0.20
  Maggio 2009

  ***********************************************************
  NOTE: The summary statistics displayed in this report are
  based on results found at every computational time step,
  not just on results from each reporting time step.
  ***********************************************************

  ****************
  Analysis Options
  ****************
  Flow Units ............... LPS
  Process Models:
    Rainfall/Runoff ........ YES
    Snowmelt ............... NO
    Groundwater ............ NO
    Flow Routing ........... YES
    Water Quality .......... NO
  Infiltration Method ...... CURVE_NUMBER
  Flow Routing Method ...... DYNWAVE
  Starting Date ............ APR-01-2010 12:00:00
  Ending Date .............. APR-02-2010 03:00:00
  Antecedent Dry Days ...... 0.0
  Report Time Step ......... 00:01:00
  Wet Time Step ............ 00:05:00
  Dry Time Step ............ 01:00:00
  Routing Time Step ........ 1.00 sec

  WARNING 04: minimum elevation drop used for Conduit 13A-C011
Link 13A-C036, Lfactor = 1.000000, n = 0.035000
Link 13A-C037, Lfactor = 1.000000, n = 0.035000
Link 13A-C038, Lfactor = 1.000000, n = 0.035000
Link 13A-C039, Lfactor = 1.000000, n = 0.035000
Link 13A-C041, Lfactor = 1.000000, n = 0.035000
Link 13A-C042, Lfactor = 1.000000, n = 0.035000
Link 13A-C045, Lfactor = 1.000000, n = 0.035000
Link 13A-C047, Lfactor = 1.000000, n = 0.035000
Link 13A-C068, Lfactor = 1.000000, n = 0.035000
Link 13A-C069, Lfactor = 1.000000, n = 0.035000
Link 13A-C113, Lfactor = 1.000000, n = 0.035000
Link 13A-C114, Lfactor = 1.000000, n = 0.035000
Link 13A-C115, Lfactor = 1.000000, n = 0.035000
Link 13A-C117, Lfactor = 1.000000, n = 0.035000
Link 13A-C141, Lfactor = 1.000000, n = 0.035000
Link 13A-C147, Lfactor = 1.000000, n = 0.035000
Link 13A-C148, Lfactor = 1.000000, n = 0.035000
Link 13A-C149, Lfactor = 1.000000, n = 0.035000
Link 13A-C160, Lfactor = 1.000000, n = 0.035000
Link 13A-C163, Lfactor = 1.000000, n = 0.035000
Link 13A-C185, Lfactor = 1.000000, n = 0.035000
Link 13A-C187, Lfactor = 1.000000, n = 0.035000
Link 13A-C188, Lfactor = 1.000000, n = 0.035000
Link 13A-C189, Lfactor = 1.000000, n = 0.035000
Link 13A-C190, Lfactor = 1.000000, n = 0.035000
Link 13A-C191, Lfactor = 1.000000, n = 0.035000
Link 13A-C192, Lfactor = 1.000000, n = 0.035000
Link 13A-C193, Lfactor = 1.000000, n = 0.035000
Link 13A-C194, Lfactor = 1.000000, n = 0.035000
Link 13A-C204, Lfactor = 1.000000, n = 0.035000
  WARNING 04: minimum elevation drop used for Conduit 13A-C206
Link 13A-C210, Lfactor = 1.000000, n = 0.035000
Link 13A-C213, Lfactor = 1.000000, n = 0.035000
Link 13A-C214, Lfactor = 1.000000, n = 0.035000
Link 13B-C010, Lfactor = 1.000000, n = 0.035000
Link 13B-C011, Lfactor = 1.000000, n = 0.035000
Link 13B-C048, Lfactor = 1.000000, n = 0.035000
Link 13B-C049, Lfactor = 1.000000, n = 0.035000
Link 13B-C059, Lfactor = 1.000000, n = 0.035000
Link 13B-C060, Lfactor = 1.000000, n = 0.035000
Link 13B-C061, Lfactor = 1.000000, n = 0.035000
Link 13B-C087, Lfactor = 1.000000, n = 0.035000
Link 13B-C096, Lfactor = 1.000000, n = 0.035000
Link 13B-C097, Lfactor = 1.000000, n = 0.035000
Link 13B-C104, Lfactor = 1.000000, n = 0.035000
Link 13B-C105, Lfactor = 1.000000, n = 0.035000
Link 13B-C106, Lfactor = 1.000000, n = 0.035000
Link 13B-C108, Lfactor = 1.000000, n = 0.035000
Link 13B-C109, Lfactor = 1.000000, n = 0.035000
Link 13B-C110, Lfactor = 1.000000, n = 0.035000
Link 13B-C111, Lfactor = 1.000000, n = 0.035000
Link 13B-C112, Lfactor = 1.000000, n = 0.035000
Link 13B-C113, Lfactor = 1.000000, n = 0.035000
Link 13B-C121, Lfactor = 1.000000, n = 0.035000
  WARNING 02: maximum depth increased for Node 13A-N073
  WARNING 02: maximum depth increased for Node 13A-N105
  WARNING 02: maximum depth increased for Node 13A-N108
  WARNING 02: maximum depth increased for Node 13A-N109
  WARNING 02: maximum depth increased for Node 13A-N110
  WARNING 02: maximum depth increased for Node 13A-N112
  WARNING 02: maximum depth increased for Node 13A-N118
  WARNING 02: maximum depth increased for Node 13A-N133
  WARNING 02: maximum depth increased for Node 13A-N134
  WARNING 02: maximum depth increased for Node 13A-N143
  WARNING 02: maximum depth increased for Node 13A-N152
  WARNING 02: maximum depth increased for Node 13A-N154
  WARNING 02: maximum depth increased for Node 13A-N155
  WARNING 02: maximum depth increased for Node 13A-N159
  WARNING 02: maximum depth increased for Node 13A-N160
  WARNING 02: maximum depth increased for Node 13A-N161
  WARNING 02: maximum depth increased for Node 13A-N162
  WARNING 02: maximum depth increased for Node 13A-N163
  WARNING 02: maximum depth increased for Node 13A-N164
  WARNING 02: maximum depth increased for Node 13A-N165
  WARNING 02: maximum depth increased for Node 13A-N166
  WARNING 02: maximum depth increased for Node 13A-N167
  WARNING 02: maximum depth increased for Node 13A-N168
  WARNING 02: maximum depth increased for Node 13A-N169
  WARNING 02: maximum depth increased for Node 13A-N170
  WARNING 02: maximum depth increased for Node 13A-N172
  WARNING 02: maximum depth increased for Node 13A-N174
  WARNING 02: maximum depth increased for Node 13A-N175
  WARNING 02: maximum depth increased for Node 13A-N176
  WARNING 02: maximum depth increased for Node 13A-N186
  WARNING 02: maximum depth increased for Node 13A-N187
  WARNING 02: maximum depth increased for Node 13B-N059
  WARNING 02: maximum depth increased for Node 13B-N065
  WARNING 02: maximum depth increased for Node 13B-N076
  WARNING 02: maximum depth increased for Node 13B-N077
  WARNING 02: maximum depth increased for Node 13B-N078
  WARNING 02: maximum depth increased for Node 13B-N088
  WARNING 02: maximum depth increased for Node 13B-N089
  WARNING 02: maximum depth increased for Node 13B-N093
  WARNING 02: maximum depth increased for Node 13B-N094
  WARNING 02: maximum depth increased for Node 13B-N098
  WARNING 02: maximum depth increased for Node 13B-N099
  WARNING 02: maximum depth increased for Node 13B-N100
  WARNING 02: maximum depth increased for Node 13B-N102
  WARNING 02: maximum depth increased for Node 13B-N104
  WARNING 02: maximum depth increased for Node 13B-N105

  *************
  Element Count
  *************
  Number of rain gages ...... 1
  Number of subcatchments ... 86
  Number of nodes ........... 255
  Number of links ........... 255
  Number of pollutants ...... 0
  Number of land uses ....... 0


  ****************
  Raingage Summary
  ****************
                                                Data        Interval
  Name                 Data Source              Type           hours
  ----------------------------------------------------------------
  Chiusi               Piogge_Stor&Sint         CUMULATIVE      0.02


  *********************
  Subcatchment Summary
  *********************
  Name                        Area     Width   %Imperv    %Slope    Rain Gage            Outlet

-----------------------------------------------------------------------------------------------------------
----
  13A-S001                    0.22    101.65     70.00    2.4200    Chiusi               13A-N081
```

13A-S002	0.94	195.53	5.00	8.7900	Chiusi	13A-S001
13A-S003	2.98	353.65	60.00	7.8700	Chiusi	13A-N159
13A-S004	1.65	259.06	5.00	7.2900	Chiusi	13A-N186
13A-S005	2.60	244.23	33.00	14.5300	Chiusi	13A-S07A
13A-S006	0.19	87.53	70.00	1.3000	Chiusi	13A-N077
13A-S07A	0.76	175.06	70.00	2.6700	Chiusi	13A-N155
13A-S07B	0.17	96.71	70.00	2.6700	Chiusi	13A-N154
13A-S07C	0.72	244.94	70.00	2.6700	Chiusi	13A-N152
13A-S008	0.07	50.12	70.00	0.5800	Chiusi	13A-N119
13A-S009	0.26	95.29	70.00	1.6900	Chiusi	13A-N124
13A-S010	0.89	240.00	70.00	4.0300	Chiusi	13A-N125
13A-S011	0.25	189.88	70.00	1.1700	Chiusi	13A-N172
13A-S012	0.29	147.53	64.00	0.5500	Chiusi	13A-N158
13A-S013	0.37	110.82	70.00	0.5100	Chiusi	13A-S012
13A-S014	0.31	97.41	70.00	2.7100	Chiusi	13A-N085
13A-S015	0.34	107.29	69.00	2.2400	Chiusi	13A-S001
13A-S016	0.27	113.65	40.00	1.7100	Chiusi	13A-N109
13A-S017	0.58	129.88	49.00	1.9100	Chiusi	13A-N165
13A-S018	0.28	131.29	70.00	0.8700	Chiusi	13A-N146
13A-S019	0.65	149.65	45.00	1.1900	Chiusi	13A-N113
13A-S020	0.53	122.82	70.00	2.7400	Chiusi	13A-N097
13A-S021	0.50	125.65	70.00	1.3500	Chiusi	13A-N149
13A-S022	1.76	231.53	65.00	8.2700	Chiusi	13A-N096
13A-S023	1.42	329.65	40.00	6.9100	Chiusi	13A-N104
13A-S024	2.21	285.88	9.00	0.6100	Chiusi	13A-N143
13A-S025	22.86	951.53	5.00	1.6700	Chiusi	13A-N162
13A-S026	7.22	729.88	21.00	5.4300	Chiusi	13A-S025
13A-S027	15.59	1003.06	8.00	4.3200	Chiusi	13A-S025
13A-S028	0.46	131.29	70.00	3.1700	Chiusi	13A-N094
13A-S029	0.82	151.76	10.00	2.0400	Chiusi	13A-N108
13A-S030	0.45	208.94	70.00	0.3400	Chiusi	13A-N067
13A-S031	0.26	112.94	70.00	0.2600	Chiusi	13A-N060
13A-S032	0.22	148.23	70.00	0.7900	Chiusi	13A-N060
13A-S033	0.19	75.53	70.00	1.9800	Chiusi	13A-N008
13A-S034	0.08	112.23	60.00	3.0500	Chiusi	13A-S033
13A-S035	0.10	66.35	27.00	2.1200	Chiusi	13A-N075
13A-S036	0.07	42.35	5.00	3.0300	Chiusi	13A-N072
13A-S037	0.10	67.76	13.00	1.5600	Chiusi	13A-N105
13A-S38A	1.43	270.35	16.00	1.2900	Chiusi	13A-S46B
13A-S38B	0.88	195.53	16.00	1.2900	Chiusi	13A-S039
13A-S039	0.63	152.47	70.00	0.5600	Chiusi	13A-N001
13A-S040	0.28	112.94	70.00	0.4800	Chiusi	13A-N142
13A-S041	0.04	35.29	70.00	0.2500	Chiusi	13A-N061
13A-S042	0.26	93.18	70.00	4.7400	Chiusi	13A-N020
13A-S043	0.29	98.12	70.00	5.4100	Chiusi	13A-N032
13A-S044	0.22	94.59	70.00	4.0800	Chiusi	13A-N022
13A-S045	1.02	336.70	70.00	1.0300	Chiusi	13A-S011
13A-S46A	1.19	195.53	70.00	1.2900	Chiusi	13A-N110
13A-S46B	0.19	127.76	70.00	1.2900	Chiusi	13A-N175
13A-S047	2.50	286.59	38.00	3.1500	Chiusi	13A-N185
13A-S048	0.33	97.41	5.00	0.7400	Chiusi	13A-N173
13A-S049	0.46	165.88	70.00	3.9800	Chiusi	13A-N062
13A-S050	0.26	103.06	70.00	1.9700	Chiusi	13A-N142
13A-S051	0.37	146.12	70.00	4.0900	Chiusi	13A-N028
13A-S052	0.56	148.23	70.00	3.9700	Chiusi	13A-N024
13A-S053	11.47	797.64	15.00	4.4800	Chiusi	13A-N169
13A-S054	0.08	53.65	70.00	6.1400	Chiusi	13A-N023
13B-S001	0.30	97.41	70.00	3.6900	Chiusi	13B-N041
13B-S002	0.57	124.94	70.00	5.0000	Chiusi	13B-N045
13B-S003	0.21	129.88	70.00	5.0800	Chiusi	13B-N039
13B-S004	0.96	211.06	70.00	3.7300	Chiusi	13B-N059
13B-S005	0.35	206.82	70.00	3.2900	Chiusi	13B-N013
13B-S006	0.54	122.12	70.00	0.7300	Chiusi	13B-N093
13B-S007	0.86	194.82	6.00	3.1400	Chiusi	13B-N068
13B-S008	0.60	154.59	70.00	0.5200	Chiusi	13B-N001
13B-S009	0.28	89.65	70.00	0.7400	Chiusi	13B-N002
13B-S010	1.70	243.53	70.00	0.7900	Chiusi	13B-N070
13B-S011	20.93	1250.11	9.00	2.4500	Chiusi	13B-N061
13B-S012	1.30	204.00	65.00	3.4300	Chiusi	13B-N067
13B-S013	2.03	251.29	55.00	4.6300	Chiusi	13B-N025
13B-S14A	1.06	192.00	12.00	2.0500	Chiusi	13B-N098
13B-S14B	0.53	162.35	12.00	2.0500	Chiusi	13B-N099
13B-S14C	9.51	667.06	12.00	2.0500	Chiusi	13B-N097
13B-S14D	0.88	205.41	12.00	2.0500	Chiusi	13B-N100
13B-S015	0.24	76.94	70.00	5.0500	Chiusi	13B-N007
13B-S016	0.11	60.00	70.00	5.3700	Chiusi	13B-N031
13B-S017	0.09	58.59	70.00	3.9000	Chiusi	13B-N033
13B-S018	0.12	63.53	70.00	3.8300	Chiusi	13B-N033
13B-S019	0.28	98.12	70.00	4.8600	Chiusi	13B-N034
13B-S020	0.29	106.59	70.00	2.9300	Chiusi	13B-N083
13B-S021	0.38	112.23	70.00	1.3800	Chiusi	13B-N019
13B-S022	7.70	499.76	15.00	3.4200	Chiusi	13B-N094
13B-S023	0.15	90.35	31.00	1.2400	Chiusi	13B-S14A

13B-S024	0.47	139.06	70.00	6.1400	Chiusi	13B-N012
13B-S025	0.59	136.23	70.00	3.3900	Chiusi	13B-N074

****
Node Summary
****

Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
13A-N001	JUNCTION	250.68	1.17	500.0	
13A-N003	JUNCTION	250.46	0.90	500.0	
13A-N004	JUNCTION	250.52	0.80	500.0	
13A-N005	JUNCTION	250.01	0.95	500.0	
13A-N006	JUNCTION	250.56	0.77	500.0	
13A-N007	JUNCTION	249.80	1.10	500.0	
13A-N008	JUNCTION	250.58	0.80	500.0	
13A-N009	JUNCTION	250.63	0.75	500.0	
13A-N010	JUNCTION	250.55	0.90	500.0	
13A-N011	JUNCTION	250.66	0.90	500.0	
13A-N012	JUNCTION	250.56	1.05	500.0	
13A-N013	JUNCTION	250.70	1.15	500.0	
13A-N014	JUNCTION	250.79	0.80	500.0	
13A-N015	JUNCTION	250.88	0.68	500.0	
13A-N016	JUNCTION	250.97	0.60	500.0	
13A-N017	JUNCTION	250.92	0.60	500.0	
13A-N018	JUNCTION	250.96	0.60	500.0	
13A-N019	JUNCTION	265.38	0.70	500.0	
13A-N020	JUNCTION	263.97	0.60	500.0	
13A-N022	JUNCTION	262.91	0.55	500.0	
13A-N023	JUNCTION	260.51	0.75	500.0	
13A-N024	JUNCTION	258.82	0.52	500.0	
13A-N025	JUNCTION	256.63	0.65	500.0	
13A-N026	JUNCTION	255.01	0.90	500.0	
13A-N027	JUNCTION	252.52	1.00	500.0	
13A-N028	JUNCTION	258.40	0.70	500.0	
13A-N031	JUNCTION	257.83	1.10	500.0	
13A-N032	JUNCTION	257.16	0.65	500.0	
13A-N033	JUNCTION	256.41	1.46	500.0	
13A-N040	JUNCTION	251.10	1.25	500.0	
13A-N043	JUNCTION	250.72	1.25	500.0	
13A-N048	JUNCTION	250.67	1.16	500.0	
13A-N050	JUNCTION	250.67	1.16	500.0	
13A-N052	JUNCTION	250.66	1.23	500.0	
13A-N055	JUNCTION	250.69	1.10	500.0	
13A-N058	JUNCTION	249.91	1.75	500.0	
13A-N059	JUNCTION	249.97	1.70	500.0	
13A-N060	JUNCTION	249.83	1.80	500.0	
13A-N061	JUNCTION	250.22	1.66	500.0	
13A-N062	JUNCTION	260.69	0.60	500.0	
13A-N063	JUNCTION	258.00	0.75	500.0	
13A-N064	JUNCTION	252.54	0.75	500.0	
13A-N065	JUNCTION	251.35	1.10	500.0	
13A-N066	JUNCTION	250.97	1.25	500.0	
13A-N067	JUNCTION	251.73	0.40	500.0	
13A-N069	JUNCTION	251.33	0.70	500.0	
13A-N070	JUNCTION	251.23	0.81	500.0	
13A-N071	JUNCTION	251.17	0.80	500.0	
13A-N072	JUNCTION	250.22	1.10	500.0	
13A-N073	JUNCTION	250.90	0.69	0.0	
13A-N074	JUNCTION	250.58	0.70	500.0	
13A-N075	JUNCTION	250.28	1.15	500.0	
13A-N076	JUNCTION	249.91	1.50	500.0	
13A-N077	JUNCTION	249.43	1.15	500.0	
13A-N079	JUNCTION	249.37	1.25	500.0	
13A-N081	JUNCTION	250.08	0.40	500.0	
13A-N082	JUNCTION	249.66	1.15	500.0	
13A-N084	JUNCTION	249.68	0.70	500.0	
13A-N085	JUNCTION	249.79	0.65	500.0	
13A-N086	JUNCTION	249.56	0.70	500.0	
13A-N087	JUNCTION	249.57	0.70	500.0	
13A-N088	JUNCTION	249.71	0.59	500.0	
13A-N089	JUNCTION	249.97	0.66	500.0	
13A-N090	JUNCTION	250.16	0.72	500.0	
13A-N091	JUNCTION	250.85	0.70	500.0	
13A-N092	JUNCTION	251.66	0.65	500.0	
13A-N093	JUNCTION	252.40	0.72	500.0	
13A-N094	JUNCTION	253.21	0.71	500.0	
13A-N095	JUNCTION	254.64	0.70	500.0	
13A-N096	JUNCTION	255.33	0.80	500.0	
13A-N097	JUNCTION	252.55	0.65	500.0	
13A-N098	JUNCTION	251.61	0.62	500.0	
13A-N099	JUNCTION	250.09	0.90	500.0	
13A-N100	JUNCTION	251.77	1.40	500.0	
13A-N101	JUNCTION	252.65	1.20	500.0	
13A-N102	JUNCTION	254.43	1.30	500.0	
13A-N103	JUNCTION	255.97	1.29	500.0	
13A-N104	JUNCTION	256.82	1.50	500.0	
13A-N105	JUNCTION	250.35	1.43	0.0	
13A-N106	JUNCTION	250.77	1.06	500.0	
13A-N107	JUNCTION	250.03	1.27	0.0	
13A-N108	JUNCTION	251.40	0.69	0.0	
13A-N109	JUNCTION	251.07	0.40	500.0	
13A-N110	JUNCTION	250.21	0.82	0.0	
13A-N111	JUNCTION	250.98	1.30	500.0	
13A-N112	JUNCTION	248.88	2.19	0.0	
13A-N113	JUNCTION	250.37	0.70	500.0	
13A-N114	JUNCTION	250.26	0.70	500.0	
13A-N115	JUNCTION	249.23	2.43	0.0	
13A-N116	JUNCTION	249.37	1.52	500.0	
13A-N117	JUNCTION	249.33	1.50	500.0	
13A-N118	JUNCTION	250.00	1.84	0.0	
13A-N119	JUNCTION	249.93	1.60	500.0	
13A-N121	JUNCTION	250.35	1.65	500.0	
13A-N123	JUNCTION	250.63	1.75	500.0	
13A-N124	JUNCTION	250.92	1.45	500.0	
13A-N125	JUNCTION	250.78	1.80	500.0	
13A-N126	JUNCTION	249.80	1.75	500.0	
13A-N127	JUNCTION	249.19	1.80	0.0	
13A-N128	JUNCTION	248.08	2.90	500.0	
13A-N132	JUNCTION	248.34	1.36	0.0	
13A-N133	JUNCTION	248.91	2.23	0.0	
13A-N134	JUNCTION	249.62	1.56	0.0	
13A-N135	JUNCTION	249.64	1.40	0.0	
13A-N136	JUNCTION	249.55	1.20	0.0	
13A-N137	JUNCTION	249.65	1.10	0.0	
13A-N138	JUNCTION	249.06	2.58	0.0	
13A-N139	JUNCTION	252.10	1.10	500.0	
13A-N140	JUNCTION	253.80	1.20	500.0	
13A-N142	JUNCTION	250.90	1.10	500.0	
13A-N143	JUNCTION	250.80	1.43	0.0	
13A-N144	JUNCTION	249.70	1.00	500.0	
13A-N145	JUNCTION	249.60	2.00	0.0	
13A-N146	JUNCTION	252.43	0.57	500.0	
13A-N147	JUNCTION	250.50	0.90	500.0	
13A-N148	JUNCTION	249.35	1.15	500.0	
13A-N149	JUNCTION	250.20	0.60	500.0	
13A-N150	JUNCTION	249.32	1.10	0.0	
13A-N151	JUNCTION	251.00	0.90	0.0	
13A-N152	JUNCTION	250.22	1.84	0.0	
13A-N153	JUNCTION	249.75	0.65	0.0	
13A-N154	JUNCTION	249.81	0.54	0.0	
13A-N155	JUNCTION	249.41	1.06	0.0	
13A-N156	JUNCTION	249.17	1.63	0.0	
13A-N157	JUNCTION	249.42	1.38	0.0	
13A-N158	JUNCTION	249.00	1.70	0.0	
13A-N159	JUNCTION	249.43	1.00	0.0	
13A-N160	JUNCTION	252.68	2.44	0.0	
13A-N161	JUNCTION	251.46	1.33	0.0	
13A-N162	JUNCTION	253.70	2.44	0.0	
13A-N163	JUNCTION	251.05	1.51	0.0	
13A-N164	JUNCTION	250.85	1.51	0.0	
13A-N165	JUNCTION	250.66	0.98	0.0	
13A-N166	JUNCTION	254.65	1.02	0.0	
13A-N167	JUNCTION	253.70	0.96	0.0	
13A-N168	JUNCTION	253.35	0.85	0.0	
13A-N169	JUNCTION	255.03	1.02	0.0	
13A-N170	JUNCTION	251.30	1.35	0.0	
13A-N171	JUNCTION	247.97	2.81	0.0	
13A-N172	JUNCTION	249.99	0.70	0.0	
13A-N173	JUNCTION	250.43	0.70	0.0	
13A-N174	JUNCTION	250.00	0.82	0.0	
13A-N175	JUNCTION	250.16	0.76	0.0	
13A-N176	JUNCTION	248.95	2.23	0.0	
13A-N180	JUNCTION	250.65	1.17	0.0	
13A-N181	JUNCTION	250.67	1.18	0.0	
13A-N182	JUNCTION	250.40	1.00	0.0	
13A-N185	JUNCTION	257.30	1.00	0.0	
13A-N186	JUNCTION	259.71	0.62	0.0	
13A-N187	JUNCTION	251.05	1.35	0.0	
13A-N188	JUNCTION	249.20	2.30	500.0	
13A-N189	JUNCTION	261.00	1.00	500.0	
13B-N001	JUNCTION	251.12	1.39	500.0	
13B-N002	JUNCTION	251.11	1.03	500.0	

13B-N003	JUNCTION	252.21	0.29	500.0
13B-N005	JUNCTION	252.64	0.71	500.0
13B-N006	JUNCTION	253.22	0.86	500.0
13B-N007	JUNCTION	253.68	0.78	500.0
13B-N008	JUNCTION	254.37	0.78	500.0
13B-N009	JUNCTION	255.13	0.78	500.0
13B-N010	JUNCTION	256.22	0.78	500.0
13B-N011	JUNCTION	258.09	0.78	500.0
13B-N012	JUNCTION	259.78	0.78	500.0
13B-N013	JUNCTION	257.41	0.45	500.0
13B-N014	JUNCTION	255.45	0.70	500.0
13B-N015	JUNCTION	254.15	0.70	500.0
13B-N016	JUNCTION	252.51	0.76	500.0
13B-N017	JUNCTION	252.28	0.71	500.0
13B-N018	JUNCTION	251.83	0.71	500.0
13B-N019	JUNCTION	251.88	0.55	500.0
13B-N020	JUNCTION	251.75	0.66	500.0
13B-N021	JUNCTION	251.65	0.70	500.0
13B-N022	JUNCTION	251.50	0.95	500.0
13B-N023	JUNCTION	249.37	2.45	500.0
13B-N024	JUNCTION	249.51	3.15	500.0
13B-N025	JUNCTION	249.86	2.36	500.0
13B-N026	JUNCTION	250.26	1.80	500.0
13B-N027	JUNCTION	250.32	1.85	500.0
13B-N028	JUNCTION	251.38	1.75	500.0
13B-N029	JUNCTION	253.35	1.75	500.0
13B-N030	JUNCTION	261.34	0.30	500.0
13B-N031	JUNCTION	262.15	0.20	500.0
13B-N032	JUNCTION	262.96	0.30	500.0
13B-N033	JUNCTION	263.99	0.30	500.0
13B-N034	JUNCTION	266.64	0.50	500.0
13B-N035	JUNCTION	266.77	0.55	500.0
13B-N036	JUNCTION	266.39	0.60	500.0
13B-N039	JUNCTION	263.83	0.75	500.0
13B-N041	JUNCTION	263.55	0.65	500.0
13B-N042	JUNCTION	262.88	0.70	500.0
13B-N043	JUNCTION	262.68	0.75	500.0
13B-N044	JUNCTION	261.89	0.80	500.0
13B-N045	JUNCTION	260.90	0.75	500.0
13B-N046	JUNCTION	260.53	0.65	500.0
13B-N047	JUNCTION	259.38	0.75	500.0
13B-N048	JUNCTION	258.85	0.80	500.0
13B-N049	JUNCTION	257.78	0.70	500.0
13B-N050	JUNCTION	256.22	0.75	500.0
13B-N051	JUNCTION	255.53	0.70	500.0
13B-N052	JUNCTION	254.23	0.56	500.0
13B-N057	JUNCTION	253.10	0.45	500.0
13B-N058	JUNCTION	249.75	2.70	500.0
13B-N059	JUNCTION	260.96	0.27	0.0
13B-N060	JUNCTION	249.39	2.92	500.0
13B-N061	JUNCTION	251.60	0.74	500.0
13B-N062	JUNCTION	251.61	0.70	500.0
13B-N063	JUNCTION	251.64	0.65	500.0
13B-N064	JUNCTION	251.73	0.70	500.0
13B-N065	JUNCTION	250.72	1.55	0.0
13B-N066	JUNCTION	257.09	1.75	0.0
13B-N067	JUNCTION	249.41	3.45	500.0
13B-N068	JUNCTION	250.82	1.10	500.0
13B-N069	JUNCTION	251.18	1.50	500.0
13B-N070	JUNCTION	251.55	1.14	500.0
13B-N071	JUNCTION	251.30	1.00	500.0
13B-N072	JUNCTION	252.29	0.71	500.0
13B-N073	JUNCTION	265.95	0.65	500.0
13B-N074	JUNCTION	265.30	1.00	500.0
13B-N075	JUNCTION	253.80	0.70	500.0
13B-N076	JUNCTION	251.20	0.76	0.0
13B-N077	JUNCTION	250.99	0.39	0.0
13B-N078	JUNCTION	250.98	1.00	0.0
13B-N079	JUNCTION	250.28	2.22	0.0
13B-N080	JUNCTION	250.70	2.30	0.0
13B-N081	JUNCTION	249.84	2.36	500.0
13B-N082	JUNCTION	249.20	2.90	500.0
13B-N083	JUNCTION	260.30	2.00	500.0
13B-N084	JUNCTION	260.06	2.60	500.0
13B-N085	JUNCTION	259.70	2.43	500.0
13B-N086	JUNCTION	259.60	1.94	500.0
13B-N088	JUNCTION	251.25	0.63	0.0
13B-N089	JUNCTION	250.80	0.63	0.0
13B-N090	JUNCTION	250.26	1.84	0.0
13B-N092	JUNCTION	251.20	1.20	0.0
13B-N093	JUNCTION	252.01	0.76	0.0
13B-N094	JUNCTION	251.61	0.49	0.0
13B-N095	JUNCTION	251.15	1.15	0.0
13B-N096	JUNCTION	250.20	1.90	0.0
13B-N097	JUNCTION	250.18	1.84	0.0
13B-N098	JUNCTION	252.40	0.37	0.0
13B-N099	JUNCTION	250.97	0.39	0.0
13B-N100	JUNCTION	251.07	0.51	500.0
13B-N102	JUNCTION	250.57	2.56	0.0
13B-N103	JUNCTION	251.31	2.10	0.0
13B-N104	JUNCTION	250.71	0.99	0.0
13B-N105	JUNCTION	250.66	1.43	0.0
13B-N106	JUNCTION	251.80	0.90	500.0
13B-N107	JUNCTION	251.13	1.27	500.0
13A-F001	OUTFALL	248.00	2.00	0.0
13A-F002	OUTFALL	247.86	2.00	0.0
13A-F003	OUTFALL	248.82	0.70	0.0
13A-F004	OUTFALL	248.73	0.60	0.0
13A-F005	OUTFALL	248.00	0.50	0.0
13B-F001	OUTFALL	250.48	2.56	0.0
13B-F002	OUTFALL	250.57	1.43	0.0

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Link Summary
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Name	From Node	To Node	Type	Length	%Slope	Roughness
13A-C001	13A-N128	13A-F001	CONDUIT	92.7	0.0863	0.0200
13A-C002	13A-N117	13A-N127	CONDUIT	25.3	0.5538	0.0160
13A-C003	13A-N117	13A-N116	CONDUIT	11.7	1.3642	0.0160
13A-C009	13A-N060	13A-N076	CONDUIT	3.0	5.3055	0.0160
13A-C010	13A-N050	13A-N052	CONDUIT	24.8	0.0403	0.0160
13A-C011	13A-N048	13A-N050	CONDUIT	24.9	0.0012	0.0160
13A-C012	13A-N001	13A-N181	CONDUIT	2.9	0.3460	0.0160
13A-C013	13A-N043	13A-N001	CONDUIT	19.0	0.2110	0.0160
13A-C014	13A-N040	13A-N043	CONDUIT	19.2	1.9785	0.0160
13A-C015	13A-N033	13A-N040	CONDUIT	48.1	11.1074	0.0160
13A-C016	13A-N031	13A-N033	CONDUIT	7.8	11.4853	0.0160
13A-C017	13A-N028	13A-N031	CONDUIT	4.4	6.1062	0.0160
13A-C018	13A-N052	13A-N180	CONDUIT	27.4	0.0365	0.0160
13A-C021	13A-N066	13A-N142	CONDUIT	38.6	0.5704	0.0160
13A-C022	13A-N063	13A-N140	CONDUIT	40.5	9.1742	0.0160
13A-C023	13A-N062	13A-N063	CONDUIT	21.7	12.2799	0.0160
13A-C024	13A-N140	13A-N064	CONDUIT	27.5	4.5883	0.0160
13A-C025	13A-N065	13A-N066	CONDUIT	10.1	2.0735	0.0160
13A-C026	13A-N111	13A-N066	CONDUIT	10.0	0.1000	0.0200
13A-C027	13A-N027	13A-N111	CONDUIT	51.6	2.4052	0.0160
13A-C028	13A-N026	13A-N027	CONDUIT	35.7	6.7097	0.0160
13A-C029	13A-N025	13A-N026	CONDUIT	14.9	10.9373	0.0160
13A-C030	13A-N024	13A-N025	CONDUIT	19.3	11.1393	0.0160
13A-C031	13A-N023	13A-N024	CONDUIT	16.1	10.5354	0.0160
13A-C032	13A-N022	13A-N189	CONDUIT	13.7	11.8514	0.0200
13A-C033	13A-N020	13A-N022	CONDUIT	19.9	5.3450	0.0200
13A-C034	13A-N019	13A-N020	CONDUIT	22.3	6.2453	0.0160
13A-C036	13A-N107	13A-N145	CONDUIT	19.6	0.6619	0.0350
13A-C037	13A-N110	13A-N174	CONDUIT	101.2	0.2075	0.0350
13A-C038	13A-N175	13A-N174	CONDUIT	33.5	0.4780	0.0350
13A-C039	13A-N164	13A-N143	CONDUIT	11.5	0.4355	0.0350
13A-C041	13A-N161	13A-N163	CONDUIT	211.1	0.1942	0.0350
13A-C042	13A-N160	13A-N161	CONDUIT	192.6	0.6336	0.0350
13A-C045	13A-N169	13A-N166	CONDUIT	16.1	2.3551	0.0350
13A-C047	13A-N168	13A-N170	CONDUIT	468.1	0.4380	0.0350
13A-C048	13A-N061	13A-N058	CONDUIT	35.6	0.8698	0.0160
13A-C049	13A-N071	13A-N018	CONDUIT	37.1	0.5657	0.0160
13A-C050	13A-N011	13A-N012	CONDUIT	8.4	1.1906	0.0160
13A-C051	13A-N013	13A-N012	CONDUIT	8.2	0.2433	0.0160
13A-C052	13A-N014	13A-N013	CONDUIT	14.1	0.6406	0.0160
13A-C053	13A-N015	13A-N014	CONDUIT	10.1	0.8920	0.0160
13A-C054	13A-N016	13A-N015	CONDUIT	7.1	1.2749	0.0160
13A-C055	13A-N016	13A-N017	CONDUIT	5.7	0.8819	0.0160
13A-C056	13A-N018	13A-N017	CONDUIT	11.6	0.3436	0.0160
13A-C057	13A-N011	13A-N010	CONDUIT	15.2	0.7247	0.0160
13A-C058	13A-N008	13A-N006	CONDUIT	9.9	0.2018	0.0160
13A-C059	13A-N009	13A-N008	CONDUIT	11.0	0.4554	0.0160
13A-C060	13A-N009	13A-N010	CONDUIT	5.6	1.4287	0.0160
13A-C061	13A-N004	13A-N003	CONDUIT	18.4	0.3259	0.0160
13A-C062	13A-N006	13A-N004	CONDUIT	12.9	0.3101	0.0160
13A-C063	13A-N007	13A-N144	CONDUIT	9.2	1.0870	0.0160
13A-C064	13A-N145	13A-N115	CONDUIT	28.6	1.2952	0.0160
13A-C065	13A-N144	13A-N145	CONDUIT	68.2	0.1466	0.0160
13A-C066	13A-N005	13A-N007	CONDUIT	19.5	1.0770	0.0160
13A-C067	13A-N003	13A-N114	CONDUIT	8.0	2.4914	0.0160
13A-C068	13A-N143	13A-N105	CONDUIT	257.3	0.1749	0.0350
13A-C069	13A-N165	13A-N105	CONDUIT	20.8	1.4927	0.0350
13A-C070	13A-N074	13A-N075	CONDUIT	7.4	1.3533	0.0160

13A-C071	13A-N073	13A-N072	CONDUIT	25.6	2.6561	0.0160	13A-C193	13A-N174	13A-N145	CONDUIT	30.9	0.3234	0.0350
13A-C072	13A-N072	13A-N107	CONDUIT	18.1	1.0515	0.0160	13A-C194	13A-N108	13A-N073	CONDUIT	61.0	0.8202	0.0350
13A-C073	13A-N105	13A-N075	CONDUIT	40.1	0.0499	0.0160	13A-C195	13A-N109	13A-N074	CONDUIT	51.3	0.6627	0.0160
13A-C074	13A-N101	13A-N100	CONDUIT	30.0	2.9317	0.0160	13A-C204	13A-N133	13A-N132	CONDUIT	3.6	15.9901	0.0350
13A-C075	13A-N102	13A-N101	CONDUIT	38.8	4.8573	0.0160	13A-C205	13A-N055	13A-N180	CONDUIT	3.7	1.0900	0.0160
13A-C076	13A-N103	13A-N102	CONDUIT	27.5	5.6027	0.0160	13A-C206	13A-N181	13A-N048	CONDUIT	14.1	0.0022	0.0160
13A-C077	13A-N104	13A-N103	CONDUIT	17.1	4.8121	0.0160	13A-C207	13A-N182	13A-N060	CONDUIT	22.1	0.3165	0.0160
13A-C078	13A-N098	13A-N149	CONDUIT	67.8	2.0804	0.0160	13A-C209	13A-N185	13A-N151	CONDUIT	143.5	4.3939	0.0160
13A-C079	13A-N097	13A-N098	CONDUIT	23.8	3.9510	0.0160	13A-C210	13A-N186	13A-N185	CONDUIT	37.0	6.5221	0.0350
13A-C080	13A-N146	13A-N147	CONDUIT	70.2	2.2788	0.0160	13A-C211	13A-N187	13A-N111	CONDUIT	12.8	0.5473	0.0200
13A-C081	13A-N100	13A-N106	CONDUIT	36.4	2.7460	0.0160	13A-C212	13A-N075	13A-N072	CONDUIT	56.5	0.1063	0.0160
13A-C083	13A-N099	13A-N188	CONDUIT	19.3	4.1074	0.0160	13A-C213	13A-N134	13A-N176	CONDUIT	81.4	0.8232	0.0350
13A-C084	13A-N106	13A-N147	CONDUIT	11.5	2.3464	0.0200	13A-C214	13A-N135	13A-N136	CONDUIT	1.7	5.3971	0.0350
13A-C085	13A-N113	13A-N099	CONDUIT	52.9	0.5291	0.0160	13A-C217	13A-N032	13A-N033	CONDUIT	0.8	27.1378	0.0100
13A-C088	13A-N095	13A-N094	CONDUIT	18.5	6.4931	0.0100	13A-C218	13A-N188	13A-N138	CONDUIT	22.1	0.6346	0.0160
13A-C089	13A-N096	13A-N095	CONDUIT	10.9	6.0384	0.0100	13A-C219	13A-N189	13A-N023	CONDUIT	7.7	1.8161	0.0100
13A-C090	13A-N094	13A-N106	CONDUIT	104.0	2.3175	0.0160	13B-C001	13B-N047	13B-N049	CONDUIT	15.4	9.7932	0.0160
13A-C091	13A-N093	13A-N092	CONDUIT	21.0	3.5243	0.0160	13B-C002	13B-N021	13B-N022	CONDUIT	16.4	0.6087	0.0160
13A-C092	13A-N094	13A-N093	CONDUIT	27.5	2.9478	0.0160	13B-C003	13B-N020	13B-N021	CONDUIT	17.3	0.4638	0.0160
13A-C093	13A-N090	13A-N089	CONDUIT	25.1	0.7576	0.0160	13B-C004	13B-N019	13B-N020	CONDUIT	20.3	0.6395	0.0160
13A-C094	13A-N091	13A-N090	CONDUIT	24.5	2.8221	0.0160	13B-C005	13B-N003	13B-N019	CONDUIT	17.7	1.5803	0.0100
13A-C095	13A-N092	13A-N091	CONDUIT	26.2	3.0895	0.0160	13B-C006	13B-N002	13B-N001	CONDUIT	66.8	0.1198	0.0200
13A-C096	13A-N149	13A-N148	CONDUIT	42.2	0.7106	0.0160	13B-C010	13B-N094	13B-N092	CONDUIT	8.0	5.1317	0.0350
13A-C097	13A-N087	13A-N086	CONDUIT	10.7	0.2814	0.0160	13B-C011	13B-N093	13B-N092	CONDUIT	21.1	3.8453	0.0350
13A-C098	13A-N087	13A-N148	CONDUIT	8.6	2.5560	0.0160	13B-C012	13B-N062	13B-N061	CONDUIT	18.5	0.5936	0.0160
13A-C099	13A-N089	13A-N088	CONDUIT	27.6	0.9049	0.0160	13B-C013	13B-N063	13B-N062	CONDUIT	23.3	0.1286	0.0160
13A-C100	13A-N081	13A-N084	CONDUIT	22.1	1.5818	0.0160	13B-C014	13B-N063	13B-N070	CONDUIT	32.6	0.2761	0.0160
13A-C101	13A-N085	13A-N084	CONDUIT	13.7	0.8053	0.0160	13B-C015	13B-N033	13B-N032	CONDUIT	11.7	8.8606	0.0100
13A-C102	13A-N085	13A-N086	CONDUIT	10.6	2.1622	0.0160	13B-C017	13B-N031	13B-N030	CONDUIT	8.0	10.2160	0.0100
13A-C106	13A-N112	13A-F003	CONDUIT	69.8	0.0860	0.0200	13B-C018	13B-N032	13B-N031	CONDUIT	9.3	8.7052	0.0100
13A-C110	13A-N171	13A-F002	CONDUIT	71.0	0.1549	0.0200	13B-C019	13B-N035	13B-N036	CONDUIT	9.1	4.1749	0.0160
13A-C111	13A-N158	13A-N171	CONDUIT	6.6	1.5153	0.0160	13B-C020	13B-N035	13B-N034	CONDUIT	4.2	3.0894	0.0160
13A-C112	13A-N156	13A-N158	CONDUIT	12.3	1.3834	0.0160	13B-C021	13B-N074	13B-N039	CONDUIT	32.0	4.4461	0.0160
13A-C113	13A-N112	13A-N172	CONDUIT	171.0	0.2339	0.0350	13B-C022	13B-N052	13B-N075	CONDUIT	18.9	1.5354	0.0160
13A-C114	13A-N159	13A-N157	CONDUIT	42.5	0.0235	0.0350	13B-C023	13B-N050	13B-N052	CONDUIT	16.1	12.4479	0.0160
13A-C115	13A-N150	13A-N156	CONDUIT	11.9	1.2638	0.0350	13B-C024	13B-N048	13B-N050	CONDUIT	21.8	12.0705	0.0100
13A-C116	13A-N076	13A-N144	CONDUIT	139.8	0.1502	0.0160	13B-C025	13B-N046	13B-N048	CONDUIT	14.5	11.6975	0.0100
13A-C117	13A-N155	13A-N150	CONDUIT	13.0	0.6907	0.0350	13B-C026	13B-N044	13B-N046	CONDUIT	16.6	8.2454	0.0160
13A-C118	13A-N079	13A-N150	CONDUIT	21.0	0.2386	0.0160	13B-C027	13B-N049	13B-N051	CONDUIT	16.7	13.5887	0.0100
13A-C120	13A-N077	13A-N079	CONDUIT	18.1	0.3315	0.0160	13B-C028	13B-N045	13B-N047	CONDUIT	15.3	10.0105	0.0160
13A-C121	13A-N082	13A-N077	CONDUIT	7.8	2.5649	0.0160	13B-C029	13B-N043	13B-N044	CONDUIT	11.4	6.9588	0.0160
13A-C122	13A-N153	13A-N082	CONDUIT	27.8	0.1437	0.0160	13B-C030	13B-N039	13B-N043	CONDUIT	24.9	4.6197	0.0160
13A-C123	13A-N082	13A-N116	CONDUIT	43.2	0.9716	0.0160	13B-C031	13B-N042	13B-N045	CONDUIT	25.8	7.6971	0.0160
13A-C125	13A-N070	13A-N071	CONDUIT	19.0	0.3163	0.0160	13B-C032	13B-N041	13B-N042	CONDUIT	9.8	6.5179	0.0160
13A-C126	13A-N069	13A-N070	CONDUIT	17.9	0.2801	0.0160	13B-C033	13B-N012	13B-N011	CONDUIT	20.4	8.3047	0.0160
13A-C127	13A-N088	13A-N087	CONDUIT	1.8	5.0343	0.0160	13B-C034	13B-N005	13B-N072	CONDUIT	6.4	5.4942	0.0160
13A-C138	13A-N058	13A-N060	CONDUIT	2.0	4.0234	0.0160	13B-C035	13B-N006	13B-N005	CONDUIT	14.9	3.8903	0.0160
13A-C139	13A-N067	13A-N069	CONDUIT	22.4	1.6557	0.0160	13B-C036	13B-N007	13B-N006	CONDUIT	5.4	7.0154	0.0160
13A-C140	13A-N143	13A-N111	CONDUIT	11.1	0.1807	0.0100	13B-C037	13B-N008	13B-N007	CONDUIT	9.5	7.2901	0.0160
13A-C141	13A-N151	13A-N127	CONDUIT	117.6	1.2417	0.0350	13B-C038	13B-N009	13B-N008	CONDUIT	10.4	7.3202	0.0160
13A-C142	13A-N137	13A-N136	CONDUIT	5.3	1.8979	0.0160	13B-C039	13B-N010	13B-N009	CONDUIT	12.3	8.8677	0.0160
13A-C143	13A-N135	13A-N134	CONDUIT	41.8	0.0479	0.0160	13B-C040	13B-N011	13B-N010	CONDUIT	20.1	9.3628	0.0160
13A-C144	13A-N133	13A-F004	CONDUIT	5.6	3.1875	0.0160	13B-C041	13B-N014	13B-N015	CONDUIT	15.6	8.3732	0.0160
13A-C145	13A-N132	13A-F005	CONDUIT	6.3	5.3790	0.0160	13B-C042	13B-N015	13B-N016	CONDUIT	24.7	6.4177	0.0160
13A-C147	13A-N138	13A-N176	CONDUIT	54.1	0.2034	0.0350	13B-C043	13B-N016	13B-N017	CONDUIT	8.7	2.4090	0.0160
13A-C148	13A-N137	13A-N115	CONDUIT	28.0	1.5012	0.0350	13B-C044	13B-N017	13B-N018	CONDUIT	16.2	2.7823	0.0160
13A-C149	13A-N176	13A-N133	CONDUIT	197.7	0.0202	0.0350	13B-C045	13B-N018	13B-N071	CONDUIT	23.3	1.0292	0.0160
13A-C150	13A-N119	13A-N117	CONDUIT	31.3	1.2789	0.0160	13B-C046	13B-N013	13B-N014	CONDUIT	20.3	9.6860	0.0160
13A-C151	13A-N126	13A-N127	CONDUIT	39.0	1.3078	0.0160	13B-C047	13B-N002	13B-N068	CONDUIT	82.7	0.2298	0.0160
13A-C152	13A-N125	13A-N126	CONDUIT	65.1	1.5049	0.0160	13B-C048	13B-N096	13B-N097	CONDUIT	88.8	0.0225	0.0350
13A-C153	13A-N123	13A-N121	CONDUIT	26.1	1.0737	0.0160	13B-C049	13B-N065	13B-N090	CONDUIT	67.2	0.6850	0.0350
13A-C154	13A-N124	13A-N123	CONDUIT	22.8	1.0518	0.0160	13B-C050	13B-N068	13B-N065	CONDUIT	75.3	0.1327	0.0160
13A-C155	13A-N121	13A-N119	CONDUIT	38.0	1.1062	0.0160	13B-C051	13B-N102	13B-N079	CONDUIT	42.7	0.6793	0.0160
13A-C159	13A-N118	13A-N116	CONDUIT	34.6	1.6206	0.0160	13B-C052	13B-N027	13B-N026	CONDUIT	35.1	0.1708	0.0160
13A-C160	13A-N152	13A-N118	CONDUIT	20.5	1.0711	0.0350	13B-C053	13B-N066	13B-N029	CONDUIT	36.8	10.2244	0.0160
13A-C162	13A-N127	13A-N128	CONDUIT	14.0	0.7835	0.0160	13B-C054	13B-N029	13B-N028	CONDUIT	26.5	7.4461	0.0160
13A-C163	13A-N163	13A-N164	CONDUIT	97.1	0.2061	0.0350	13B-C055	13B-N028	13B-N027	CONDUIT	21.3	4.9850	0.0160
13A-C164	13A-N059	13A-N060	CONDUIT	2.6	1.5327	0.0200	13B-C058	13B-N103	13B-N080	CONDUIT	39.4	1.5468	0.0160
13A-C165	13A-N114	13A-N005	CONDUIT	7.8	3.2150	0.0160	13B-C059	13B-N098	13B-N076	CONDUIT	75.3	1.5934	0.0350
13A-C166	13A-N139	13A-N065	CONDUIT	37.9	1.9265	0.0160	13B-C060	13B-N077	13B-N099	CONDUIT	92.6	0.0216	0.0350
13A-C167	13A-N064	13A-N139	CONDUIT	1.7	8.2147	0.0160	13B-C061	13B-N100	13B-N078	CONDUIT	81.3	0.1107	0.0350
13A-C174	13A-N055	13A-N182	CONDUIT	29.5	0.6443	0.0160	13B-C063	13B-N026	13B-N025	CONDUIT	55.9	0.7160	0.0160
13A-C176	13A-N142	13A-N059	CONDUIT	105.8	0.7842	0.0160	13B-C064	13B-N025	13B-N081	CONDUIT	33.4	0.0599	0.0160
13A-C177	13A-N147	13A-N113	CONDUIT	16.5	0.7889	0.0160	13B-C065	13B-N058	13B-N024	CONDUIT	20.8	1.1545	0.0160
13A-C179	13A-N148	13A-N112	CONDUIT	8.7	0.8083	0.0160	13B-C066	13B-N024	13B-N082	CONDUIT	77.1	0.4021	0.0160
13A-C185	13A-N154	13A-N153	CONDUIT	24.9	0.2414	0.0350	13B-C068	13B-N023	13B-N082	CONDUIT	40.1	0.4240	0.0160
13A-C186	13A-N157	13A-N156	CONDUIT	13.0	0.9253	0.0160	13B-C069	13B-N060	13B-N023	CONDUIT	40.9	0.0489	0.0160
13A-C187	13A-N162	13A-N160	CONDUIT	209.6	0.4867	0.0350	13B-C070	13B-N067	13B-N060	CONDUIT	45.7	0.0437	0.0160
13A-C188	13A-N166	13A-N167	CONDUIT	107.9	0.8805	0.0350	13B-C077	13B-N090	13B-N096	CONDUIT	4.7	1.2849	0.0160
13A-C189	13A-N167	13A-N168	CONDUIT	74.8	0.4679	0.0350	13B-C078	13B-N064	13B-N071	CONDUIT	14.4	0.9016	0.0160
13A-C190	13A-N170	13A-N187	CONDUIT	39.1	0.6394	0.0350	13B-C086	13B-N070	13B-N069	CONDUIT	28.2	0.2480	0.0100
13A-C191	13A-N172	13A-N171	CONDUIT	17.1	11.8610	0.0350	13B-C087	13B-N102	13B-F001	CONDUIT	93.5	0.0963	0.0350
13A-C192	13A-N173	13A-N158	CONDUIT	211.7	0.6754	0.0350	13B-C088	13B-N104	13B-N105	CONDUIT	4.6	1.0918	0.0160

13B-C089	13B-N071	13B-N002	CONDUIT	8.1	1.2301	0.0200
13B-C090	13B-N036	13B-N073	CONDUIT	18.8	2.0805	0.0160
13B-C091	13B-N073	13B-N074	CONDUIT	10.0	2.9954	0.0160
13B-C092	13B-N030	13B-N072	CONDUIT	82.6	10.5229	0.0100
13B-C094	13B-N051	13B-N075	CONDUIT	29.6	5.8506	0.0160
13B-C095	13B-N075	13B-N064	CONDUIT	22.9	9.0565	0.0160
13B-C096	13B-N076	13B-N080	CONDUIT	33.8	1.4803	0.0350
13B-C097	13B-N059	13B-N066	CONDUIT	63.4	6.1174	0.0350
13B-C098	13B-N081	13B-N058	CONDUIT	48.2	0.1868	0.0160
13B-C099	13B-N085	13B-N086	CONDUIT	29.2	0.2052	0.0100
13B-C100	13B-N086	13B-N067	CONDUIT	183.1	4.3684	0.0100
13B-C101	13B-N083	13B-N084	CONDUIT	25.1	0.7959	0.0100
13B-C102	13B-N084	13B-N085	CONDUIT	12.5	2.0788	0.0100
13B-C104	13B-N057	13B-N088	CONDUIT	25.6	7.2598	0.0350
13B-C105	13B-N088	13B-N089	CONDUIT	82.9	0.5431	0.0350
13B-C106	13B-N089	13B-N090	CONDUIT	50.2	1.0762	0.0350
13B-C107	13B-N069	13B-N092	CONDUIT	6.9	2.6096	0.0100
13B-C108	13B-N092	13B-N095	CONDUIT	68.2	0.0733	0.0350
13B-C109	13B-N079	13B-N097	CONDUIT	127.7	0.0783	0.0350
13B-C110	13B-N076	13B-N077	CONDUIT	47.5	0.4416	0.0350
13B-C111	13B-N077	13B-N078	CONDUIT	34.6	0.0289	0.0350
13B-C112	13B-N078	13B-N079	CONDUIT	109.3	0.6406	0.0350
13B-C113	13B-N103	13B-N104	CONDUIT	5.4	11.0971	0.0350
13B-C114	13B-N072	13B-N106	CONDUIT	15.9	1.8231	0.0160
13B-C115	13B-N106	13B-N071	CONDUIT	25.1	0.9953	0.0160
13B-C116	13B-N095	13B-N107	CONDUIT	31.6	0.0634	0.0160
13B-C117	13B-N107	13B-N001	CONDUIT	9.4	0.1067	0.0160
13B-C118	13B-N022	13B-N107	CONDUIT	2.8	3.5865	0.0160
13B-C119	13B-N068	13B-N027	CONDUIT	29.1	1.7196	0.0160
13B-C121	13B-N105	13B-F002	CONDUIT	9.7	0.9241	0.0350
13B-P001	13B-N082	13B-N097	IDEAL PUMP			

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Cross Section Summary
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Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
13A-C001	RECT_CLOSED	2.00	4.00	0.50	2.00	1	3702.07
13A-C002	FILLED_CIRCULAR	0.80	0.50	0.20	0.80	1	799.52
13A-C003	FILLED_CIRCULAR	0.60	0.28	0.15	0.60	1	582.35
13A-C009	FILLED_CIRCULAR	0.80	0.50	0.20	0.80	1	2474.63
13A-C010	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	33.88
13A-C011	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	5.91
13A-C012	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	99.33
13A-C013	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	35.95
13A-C014	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	110.08
13A-C015	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	260.83
13A-C016	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	265.23
13A-C017	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	193.39
13A-C018	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	32.25
13A-C021	FILLED_CIRCULAR	0.90	0.64	0.23	0.90	1	1110.97
13A-C022	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	237.05
13A-C023	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	274.25
13A-C024	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	167.64
13A-C025	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	441.29
13A-C026	MODBASKETHANDLE	0.50	0.39	0.15	1.00	1	177.44
13A-C027	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	121.37
13A-C028	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	202.72
13A-C029	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	258.82
13A-C030	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	261.20
13A-C031	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	254.02
13A-C032	RECT_CLOSED	0.30	0.09	0.07	0.30	1	275.53
13A-C033	RECT_CLOSED	0.30	0.18	0.10	0.60	1	448.31
13A-C034	FILLED_CIRCULAR	0.20	0.03	0.05	0.20	1	66.05
13A-C036	13A-S01	1.10	1.87	0.43	2.99	1	2487.83
13A-C037	13A-S02	0.82	1.57	0.26	5.52	1	834.77
13A-C038	13A-S03	0.76	1.45	0.23	5.84	1	1070.50
13A-C039	13A-S04	1.05	1.98	0.22	7.93	1	1369.87
13A-C041	13A-S05	1.33	2.89	0.44	5.39	1	2093.58
13A-C042	13A-S06	1.32	4.47	0.64	5.66	1	7577.98
13A-C045	13A-S07	1.02	1.84	0.46	3.63	1	4834.69
13A-C047	13A-S08	0.85	2.00	0.41	4.53	1	2073.89
13A-C048	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	157.49
13A-C049	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	127.01
13A-C050	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	334.39
13A-C051	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	151.17
13A-C052	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	245.28
13A-C053	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	289.44
13A-C054	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	346.03
13A-C055	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	287.79
13A-C056	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	179.65
13A-C057	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	260.88
13A-C058	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	137.67
13A-C059	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	206.80
13A-C060	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	366.31
13A-C061	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	174.95
13A-C062	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	170.65
13A-C063	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	319.51
13A-C064	RECT_CLOSED	1.80	1.80	0.32	1.00	1	6008.03
13A-C065	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	117.36
13A-C066	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	318.04
13A-C067	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	483.72
13A-C068	13A-S09	1.43	2.41	0.52	3.41	1	1866.67
13A-C069	13A-S10	0.98	2.20	0.37	5.37	1	3972.35
13A-C070	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	196.44
13A-C071	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	275.21
13A-C072	FILLED_CIRCULAR	0.80	0.50	0.20	0.80	1	1101.69
13A-C073	FILLED_CIRCULAR	0.80	0.50	0.20	0.80	1	239.93
13A-C074	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	289.13
13A-C075	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	172.48
13A-C076	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	185.25
13A-C077	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	370.43
13A-C078	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	112.88
13A-C079	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	155.56
13A-C080	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	118.14
13A-C081	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	129.69
13A-C083	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	621.09
13A-C084	MODBASKETHANDLE	0.50	0.22	0.12	0.50	1	427.35
13A-C085	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	222.92
13A-C088	FILLED_CIRCULAR	0.30	0.07	0.08	0.30	1	327.68
13A-C089	FILLED_CIRCULAR	0.24	0.05	0.06	0.24	1	169.35
13A-C090	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	119.14
13A-C091	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	317.01
13A-C092	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	289.92
13A-C093	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	146.98
13A-C094	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	283.67
13A-C095	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	296.81
13A-C096	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	65.97
13A-C097	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	89.58
13A-C098	FILLED_CIRCULAR	0.60	0.28	0.15	0.60	1	797.14
13A-C099	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	160.63
13A-C100	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	98.43
13A-C101	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	151.53
13A-C102	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	248.30
13A-C106	RECT_CLOSED	0.70	0.84	0.22	1.20	1	450.22
13A-C110	RECT_CLOSED	2.00	4.00	0.50	2.00	1	4959.49
13A-C111	FILLED_CIRCULAR	0.90	0.64	0.23	0.90	1	1810.78
13A-C112	FILLED_CIRCULAR	0.90	0.64	0.23	0.90	1	1730.14
13A-C113	13A-S11	0.68	0.57	0.28	1.04	1	337.83
13A-C114	13A-S12	1.00	1.45	0.46	2.24	1	375.92
13A-C115	13A-S13	1.00	1.45	0.46	2.24	1	2755.03
13A-C116	FILLED_CIRCULAR	0.80	0.50	0.20	0.80	1	416.33
13A-C117	13A-S14	1.06	1.54	0.32	3.44	1	1702.16
13A-C118	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	149.68
13A-C120	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	176.44
13A-C121	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	490.81
13A-C122	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	116.18
13A-C123	FILLED_CIRCULAR	0.80	0.50	0.20	0.80	1	1058.99
13A-C125	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	94.97
13A-C126	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	89.37
13A-C127	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	378.88
13A-C138	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	338.71
13A-C139	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	100.70
13A-C140	FILLED_CIRCULAR	0.48	0.18	0.12	0.48	1	186.89
13A-C141	13A-S15	0.75	0.81	0.15	4.72	1	740.79
13A-C142	FILLED_CIRCULAR	0.90	0.64	0.23	0.90	1	2026.50
13A-C143	FILLED_CIRCULAR	1.20	1.13	0.30	1.20	1	693.34
13A-C144	FILLED_CIRCULAR	0.60	0.28	0.15	0.60	1	890.17
13A-C145	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	710.76
13A-C147	13A-S16	1.38	4.78	0.40	10.81	1	3336.92
13A-C148	13A-S17	1.07	3.29	0.25	12.49	1	4582.82
13A-C149	13A-S18	2.23	11.60	0.70	14.78	1	3713.95
13A-C150	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	346.57
13A-C151	FILLED_CIRCULAR	0.80	0.50	0.20	0.80	1	1228.63
13A-C152	FILLED_CIRCULAR	0.80	0.50	0.20	0.80	1	1317.94
13A-C153	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	317.55
13A-C154	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	314.29
13A-C155	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	322.32
13A-C159	FILLED_CIRCULAR	0.80	0.50	0.20	0.80	1	1367.68
13A-C160	13A-S19	1.84	7.41	0.75	8.76	1	18156.40
13A-C162	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	271.26
13A-C163	13A-S20	1.51	6.24	0.72	7.31	1	6524.14
13A-C164	RECT_CLOSED	0.60	0.30	0.14	0.50	1	492.02
13A-C165	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	549.50

13A-C166	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	234.38
13A-C167	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	224.31
13A-C174	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	135.54
13A-C176	FILLED_CIRCULAR	0.80	0.50	0.20	0.80	1	951.41
13A-C177	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	272.19
13A-C179	FILLED_CIRCULAR	0.60	0.28	0.15	0.60	1	448.28
13A-C185	13A-S21	0.54	0.64	0.19	2.99	1	299.38
13A-C186	FILLED_CIRCULAR	0.90	0.64	0.23	0.90	1	1414.95
13A-C187	13A-S22	2.44	9.70	1.11	7.53	1	20734.56
13A-C188	13A-S23	0.96	1.03	0.35	1.94	1	1371.92
13A-C189	13A-S24	0.41	0.41	0.16	2.26	1	234.75
13A-C190	13A-S25	1.35	4.05	0.45	7.93	1	5408.46
13A-C191	13A-S26	0.70	0.66	0.30	1.23	1	2923.09
13A-C192	13A-S33	0.20	0.05	0.08	0.44	1	19.03
13A-C193	13A-S27	0.76	1.45	0.23	5.84	1	880.51
13A-C194	13A-S34	0.69	0.57	0.30	1.07	1	652.25
13A-C195	PARABOLIC	0.20	0.05	0.09	0.40	1	54.56
13A-C204	13A-S29	1.26	4.07	0.39	9.88	1	24593.52
13A-C205	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	176.30
13A-C206	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	7.85
13A-C207	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	94.99
13A-C209	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	642.38
13A-C210	13A-S30	0.62	1.09	0.17	6.13	1	2450.75
13A-C211	MODBASKETHANDLE	0.60	0.37	0.16	0.70	1	400.21
13A-C212	FILLED_CIRCULAR	0.80	0.50	0.20	0.80	1	350.20
13A-C213	13A-S31	1.56	6.17	0.40	14.10	1	8739.04
13A-C214	13A-S32	1.07	3.29	0.25	12.49	1	8689.33
13A-C217	FILLED_CIRCULAR	0.19	0.03	0.05	0.19	1	197.46
13A-C218	RECT_CLOSED	2.00	2.00	0.33	1.00	1	4787.63
13A-C219	FILLED_CIRCULAR	0.19	0.03	0.05	0.19	1	51.08
13B-C001	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	244.91
13B-C002	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	61.06
13B-C003	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	53.30
13B-C004	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	62.58
13B-C005	FILLED_CIRCULAR	0.19	0.03	0.05	0.19	1	47.65
13B-C006	RECT_CLOSED	0.70	0.56	0.19	0.80	1	316.56
13B-C010	13B-S37	0.49	0.62	0.27	2.09	1	1673.19
13B-C011	13B-S36	0.76	1.22	0.35	2.65	1	3367.94
13B-C012	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	130.11
13B-C013	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	60.57
13B-C014	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	88.73
13B-C015	FILLED_CIRCULAR	0.12	0.01	0.03	0.12	1	31.25
13B-C017	FILLED_CIRCULAR	0.12	0.01	0.03	0.12	1	33.55
13B-C018	FILLED_CIRCULAR	0.12	0.01	0.03	0.12	1	30.97
13B-C019	FILLED_CIRCULAR	0.20	0.03	0.05	0.20	1	54.00
13B-C020	FILLED_CIRCULAR	0.20	0.03	0.05	0.20	1	46.46
13B-C021	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	165.02
13B-C022	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	96.97
13B-C023	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	276.12
13B-C024	FILLED_CIRCULAR	0.24	0.05	0.06	0.24	1	239.44
13B-C025	FILLED_CIRCULAR	0.19	0.03	0.05	0.19	1	129.64
13B-C026	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	224.73
13B-C027	FILLED_CIRCULAR	0.24	0.05	0.06	0.24	1	254.05
13B-C028	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	247.62
13B-C029	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	206.45
13B-C030	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	168.21
13B-C031	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	217.13
13B-C032	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	199.80
13B-C033	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	225.53
13B-C034	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	183.44
13B-C035	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	154.36
13B-C036	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	207.29
13B-C037	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	211.31
13B-C038	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	211.74
13B-C039	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	233.05
13B-C040	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	239.47
13B-C041	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	226.46
13B-C042	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	198.26
13B-C043	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	121.47
13B-C044	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	130.54
13B-C045	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	79.40
13B-C046	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	243.57
13B-C047	FILLED_CIRCULAR	0.60	0.28	0.15	0.60	1	239.02
13B-C048	13B-S38	1.55	3.39	0.41	6.81	1	806.00
13B-C049	13B-S39	1.55	3.39	0.41	6.81	1	4446.14
13B-C050	FILLED_CIRCULAR	0.60	0.28	0.15	0.60	1	181.64
13B-C051	FILLED_CIRCULAR	1.80	2.54	0.45	1.80	1	7700.39
13B-C052	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	69.80
13B-C053	FILLED_CIRCULAR	0.15	0.02	0.04	0.15	1	39.07
13B-C054	FILLED_CIRCULAR	0.15	0.02	0.04	0.15	1	33.34
13B-C055	FILLED_CIRCULAR	0.15	0.02	0.04	0.15	1	27.28
13B-C058	FILLED_CIRCULAR	2.00	3.14	0.50	2.00	1	15389.13
13B-C059	13B-S40	0.37	0.27	0.20	1.10	1	333.53
13B-C060	13B-S41	0.39	0.34	0.21	1.25	1	50.25
13B-C061	13B-S42	0.51	0.70	0.28	2.14	1	285.05
13B-C063	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	142.88
13B-C064	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	41.33
13B-C065	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	181.44
13B-C066	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	107.08
13B-C068	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	199.56
13B-C069	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	67.79
13B-C070	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	64.09
13B-C077	FILLED_CIRCULAR	1.00	0.79	0.25	1.00	1	2208.54
13B-C078	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	74.31
13B-C086	FILLED_CIRCULAR	0.30	0.07	0.08	0.30	1	64.04
13B-C087	13B-S43	2.56	17.02	1.28	14.32	1	17803.51
13B-C088	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	320.21
13B-C089	RECT_CLOSED	0.60	0.36	0.15	0.60	1	563.63
13B-C090	FILLED_CIRCULAR	0.20	0.03	0.05	0.20	1	38.12
13B-C091	FILLED_CIRCULAR	0.20	0.03	0.05	0.20	1	45.74
13B-C092	FILLED_CIRCULAR	0.12	0.01	0.03	0.12	1	34.05
13B-C094	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	189.30
13B-C095	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	235.52
13B-C096	13B-S44	0.76	2.25	0.34	6.38	1	3775.75
13B-C097	13B-S45	0.27	0.24	0.16	1.36	1	513.12
13B-C098	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	72.98
13B-C099	FILLED_CIRCULAR	0.30	0.07	0.08	0.30	1	58.25
13B-C100	FILLED_CIRCULAR	0.30	0.07	0.08	0.30	1	268.77
13B-C101	FILLED_CIRCULAR	0.30	0.07	0.08	0.30	1	114.72
13B-C102	FILLED_CIRCULAR	0.30	0.07	0.08	0.30	1	185.41
13B-C104	13B-S46	0.35	0.36	0.20	1.54	1	968.86
13B-C105	13B-S47	0.63	1.13	0.42	2.41	1	1328.25
13B-C106	13B-S48	0.33	0.30	0.19	1.36	1	291.52
13B-C107	FILLED_CIRCULAR	0.43	0.15	0.11	0.43	1	539.40
13B-C108	13B-S54	0.92	4.24	0.50	7.79	1	2057.72
13B-C109	13B-S49	1.55	3.39	0.41	6.81	1	1503.29
13B-C110	13B-S50	0.39	0.32	0.19	1.30	1	201.11
13B-C111	13B-S51	0.39	0.32	0.19	1.30	1	51.43
13B-C112	13B-S52	1.00	3.15	0.34	8.59	1	3528.08
13B-C113	13B-S53	0.99	1.40	0.45	2.02	1	7835.69
13B-C114	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	105.67
13B-C115	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	78.08
13B-C116	FILLED_CIRCULAR	0.60	0.28	0.15	0.60	1	125.50
13B-C117	FILLED_CIRCULAR	0.60	0.28	0.15	0.60	1	162.89
13B-C118	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	148.21
13B-C119	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	221.44
13B-C121	13B-S35	1.43	5.52	0.36	14.27	1	7650.04

****
Transect Summary
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Transect 13A-S01
Area:

0.0033	0.0121	0.0217	0.0317	0.0422
0.0531	0.0645	0.0763	0.0885	0.1012
0.1143	0.1279	0.1419	0.1563	0.1712
0.1865	0.2023	0.2185	0.2351	0.2522
0.2697	0.2876	0.3063	0.3265	0.3474
0.3686	0.3902	0.4123	0.4347	0.4576
0.4808	0.5045	0.5285	0.5530	0.5779
0.6031	0.6288	0.6549	0.6813	0.7082
0.7355	0.7632	0.7912	0.8197	0.8486
0.8779	0.9076	0.9377	0.9682	1.0000

Hrad:

0.0245	0.0620	0.1034	0.1415	0.1767
0.2096	0.2405	0.2699	0.2978	0.3245
0.3501	0.3749	0.3989	0.4221	0.4448
0.4668	0.4884	0.5096	0.5303	0.5507
0.5707	0.5905	0.5940	0.6019	0.6236
0.6449	0.6658	0.6864	0.7066	0.7266
0.7463	0.7657	0.7849	0.8038	0.8226
0.8411	0.8595	0.8776	0.8957	0.9135
0.9312	0.9488	0.9662	0.9835	1.0007
1.0178	1.0348	1.0516	1.0684	1.0000

Width:

0.1899	0.2669	0.2794	0.2919	0.3044
0.3169	0.3294	0.3419	0.3544	0.3670
0.3795	0.3920	0.4045	0.4170	0.4295
0.4420	0.4545	0.4670	0.4795	0.4920
0.5045	0.5170	0.5537	0.5870	0.5985
0.6099	0.6214	0.6328	0.6443	0.6557
0.6672	0.6786	0.6901	0.7016	0.7130
0.7245	0.7359	0.7474	0.7588	0.7703

0.7817 0.7932 0.8046 0.8161 0.8275
0.8390 0.8504 0.8619 0.8734 1.0000

Transect 13A-S02
Area:
0.0004 0.0016 0.0036 0.0063 0.0099
0.0140 0.0186 0.0237 0.0292 0.0352
0.0416 0.0485 0.0559 0.0637 0.0719
0.0806 0.0898 0.0994 0.1095 0.1201
0.1311 0.1426 0.1545 0.1669 0.1797
0.1930 0.2067 0.2209 0.2356 0.2507
0.2663 0.2823 0.2988 0.3172 0.3386
0.3630 0.3904 0.4207 0.4541 0.4904
0.5298 0.5721 0.6174 0.6657 0.7170
0.7712 0.8279 0.8850 0.9424 1.0000
Hrad:
0.0280 0.0560 0.0841 0.1121 0.1413
0.1772 0.2108 0.2428 0.2736 0.3034
0.3325 0.3610 0.3891 0.4167 0.4441
0.4712 0.4980 0.5247 0.5512 0.5776
0.6038 0.6299 0.6559 0.6819 0.7077
0.7335 0.7593 0.7849 0.8106 0.8361
0.8617 0.8872 0.9046 0.8367 0.7913
0.7615 0.7428 0.7326 0.7287 0.7299
0.7350 0.7434 0.7544 0.7677 0.7828
0.7994 0.8407 0.8941 0.9472 1.0000
Width:
0.0137 0.0274 0.0411 0.0548 0.0678
0.0757 0.0836 0.0915 0.0995 0.1074
0.1153 0.1232 0.1311 0.1391 0.1470
0.1549 0.1628 0.1707 0.1786 0.1866
0.1945 0.2024 0.2103 0.2182 0.2262
0.2341 0.2420 0.2499 0.2578 0.2657
0.2737 0.2816 0.2927 0.3445 0.3962
0.4480 0.4997 0.5515 0.6032 0.6549
0.7067 0.7584 0.8102 0.8619 0.9137
0.9654 0.9861 0.9908 0.9954 1.0000

Transect 13A-S03
Area:
0.0006 0.0022 0.0050 0.0088 0.0138
0.0197 0.0260 0.0327 0.0398 0.0474
0.0553 0.0636 0.0724 0.0815 0.0911
0.1011 0.1114 0.1222 0.1334 0.1450
0.1570 0.1694 0.1829 0.1998 0.2178
0.2361 0.2546 0.2733 0.2922 0.3114
0.3308 0.3504 0.3703 0.3904 0.4108
0.4313 0.4530 0.4775 0.5048 0.5350
0.5680 0.6038 0.6425 0.6844 0.7300
0.7784 0.8296 0.8836 0.9404 1.0000
Hrad:
0.0314 0.0628 0.0941 0.1255 0.1569
0.2003 0.2452 0.2875 0.3278 0.3664
0.4036 0.4397 0.4747 0.5089 0.5424
0.5752 0.6074 0.6392 0.6705 0.7015
0.7321 0.7624 0.6978 0.6568 0.7016
0.7454 0.7882 0.8301 0.8712 0.9114
0.9508 0.9895 1.0276 1.0649 1.1017
1.1378 1.0872 1.0350 0.9977 0.9715
0.9541 0.9435 0.9385 0.9193 0.9252
0.9365 0.9498 0.9650 0.9818 1.0000
Width:
0.0181 0.0362 0.0543 0.0723 0.0904
0.1001 0.1067 0.1134 0.1201 0.1267
0.1334 0.1400 0.1467 0.1533 0.1600
0.1667 0.1733 0.1800 0.1866 0.1933
0.1999 0.2066 0.2489 0.2932 0.2971
0.3009 0.3047 0.3085 0.3123 0.3162
0.3200 0.3238 0.3276 0.3314 0.3353
0.3391 0.3778 0.4244 0.4710 0.5176
0.5641 0.6107 0.6573 0.7216 0.7701
0.8161 0.8621 0.9080 0.9540 1.0000

Transect 13A-S04
Area:
0.0017 0.0063 0.0115 0.0173 0.0234
0.0300 0.0370 0.0445 0.0524 0.0607
0.0695 0.0787 0.0883 0.0984 0.1089
0.1198 0.1312 0.1430 0.1553 0.1680
0.1811 0.1949 0.2096 0.2253 0.2419
0.2594 0.2779 0.2972 0.3175 0.3387
0.3609 0.3840 0.4079 0.4328 0.4582
0.4839 0.5100 0.5373 0.5656 0.5950
0.6254 0.6570 0.6896 0.7233 0.7581
0.7939 0.8309 0.8702 0.9254 1.0000
Hrad:
0.0453 0.1100 0.1815 0.2456 0.3042
0.3587 0.4099 0.4586 0.5052 0.5501
0.5935 0.6358 0.6772 0.7176 0.7574
0.7965 0.8350 0.8730 0.9107 0.9479
0.9837 0.9985 1.0162 1.0363 1.0586
1.0826 1.1081 1.1351 1.1632 1.1924
1.2225 1.2534 1.2851 1.3213 1.3734
1.4244 1.4479 1.4665 1.4865 1.5079
1.5304 1.5540 1.5785 1.6038 1.6300
1.6568 1.6843 1.7087 1.6975 1.0000
Width:
0.0400 0.0601 0.0653 0.0704 0.0756
0.0808 0.0859 0.0911 0.0963 0.1014
0.1066 0.1118 0.1169 0.1221 0.1273
0.1324 0.1376 0.1428 0.1479 0.1531
0.1585 0.1695 0.1805 0.1914 0.2024
0.2134 0.2243 0.2353 0.2463 0.2572
0.2682 0.2792 0.2901 0.2996 0.3027
0.3058 0.3168 0.3296 0.3423 0.3551
0.3679 0.3807 0.3935 0.4063 0.4191
0.4318 0.4446 0.5401 0.7701 1.0000

Transect 13A-S05
Area:
0.0007 0.0029 0.0064 0.0114 0.0178
0.0254 0.0336 0.0422 0.0513 0.0610
0.0711 0.0817 0.0928 0.1045 0.1166
0.1292 0.1423 0.1559 0.1701 0.1847
0.1998 0.2154 0.2315 0.2481 0.2652
0.2828 0.3009 0.3195 0.3386 0.3582
0.3783 0.3989 0.4200 0.4416 0.4637
0.4863 0.5094 0.5330 0.5571 0.5817
0.6067 0.6323 0.6590 0.7057 0.7543
0.8030 0.8520 0.9011 0.9505 1.0000
Hrad:
0.0276 0.0552 0.0829 0.1105 0.1381
0.1760 0.2151 0.2517 0.2863 0.3194
0.3512 0.3818 0.4115 0.4404 0.4686
0.4963 0.5234 0.5500 0.5763 0.6022
0.6278 0.6530 0.6781 0.7029 0.7275
0.7519 0.7761 0.8002 0.8242 0.8480
0.8717 0.8952 0.9187 0.9421 0.9654
0.9886 1.0117 1.0347 1.0577 1.0807
1.1035 1.1263 1.1476 0.7474 0.7910
0.8340 0.8764 0.9182 0.9594 1.0000
Width:
0.0288 0.0575 0.0863 0.1150 0.1438
0.1588 0.1688 0.1788 0.1889 0.1989
0.2090 0.2190 0.2291 0.2391 0.2491
0.2592 0.2692 0.2793 0.2893 0.2994
0.3094 0.3194 0.3295 0.3395 0.3496
0.3596 0.3697 0.3797 0.3897 0.3998
0.4098 0.4199 0.4299 0.4400 0.4500
0.4600 0.4701 0.4801 0.4902 0.5002
0.5103 0.5203 0.6974 0.9755 0.9796
0.9837 0.9878 0.9918 0.9959 1.0000

Transect 13A-S06
Area:
0.0040 0.0107 0.0179 0.0254 0.0334
0.0418 0.0506 0.0598 0.0695 0.0795
0.0900 0.1009 0.1121 0.1239 0.1360
0.1485 0.1615 0.1748 0.1886 0.2028
0.2174 0.2324 0.2479 0.2637 0.2800
0.2967 0.3138 0.3313 0.3492 0.3676
0.3922 0.4228 0.4536 0.4846 0.5157
0.5470 0.5784 0.6099 0.6416 0.6735
0.7054 0.7376 0.7699 0.8023 0.8349
0.8676 0.9005 0.9335 0.9667 1.0000
Hrad:
0.0248 0.0616 0.0957 0.1274 0.1572
0.1855 0.2125 0.2385 0.2634 0.2876
0.3110 0.3338 0.3561 0.3780 0.3993
0.4204 0.4410 0.4614 0.4815 0.5014
0.5210 0.5405 0.5597 0.5788 0.5977
0.6165 0.6351 0.6536 0.6720 0.6668
0.4825 0.5051 0.5361 0.5666 0.5967
0.6263 0.6555 0.6842 0.7125 0.7404
0.7680 0.7951 0.8219 0.8484 0.8744
0.9002 0.9256 0.9507 0.9755 1.0000

Width:

0.1954	0.2078	0.2202	0.2326	0.2451
0.2575	0.2699	0.2823	0.2947	0.3071
0.3195	0.3319	0.3444	0.3568	0.3692
0.3816	0.3940	0.4064	0.4188	0.4312
0.4437	0.4561	0.4685	0.4809	0.4933
0.5057	0.5181	0.5306	0.5430	0.5786
0.8970	0.9205	0.9249	0.9293	0.9337
0.9382	0.9426	0.9470	0.9514	0.9558
0.9602	0.9647	0.9691	0.9735	0.9779
0.9823	0.9867	0.9912	0.9956	1.0000

Transect 13A-S07

Area:

0.0029	0.0073	0.0124	0.0181	0.0245
0.0316	0.0394	0.0478	0.0569	0.0667
0.0771	0.0883	0.1000	0.1125	0.1256
0.1394	0.1539	0.1691	0.1849	0.2011
0.2177	0.2347	0.2520	0.2697	0.2878
0.3063	0.3251	0.3443	0.3642	0.3851
0.4068	0.4296	0.4532	0.4779	0.5034
0.5299	0.5574	0.5857	0.6151	0.6454
0.6766	0.7087	0.7418	0.7759	0.8109
0.8468	0.8837	0.9215	0.9603	1.0000

Hrad:

0.0305	0.0644	0.0938	0.1205	0.1454
0.1689	0.1915	0.2133	0.2346	0.2555
0.2760	0.2962	0.3162	0.3360	0.3556
0.3751	0.3944	0.4137	0.4360	0.4635
0.4905	0.5172	0.5435	0.5696	0.5953
0.6207	0.6459	0.6699	0.6794	0.6899
0.7012	0.7132	0.7259	0.7391	0.7529
0.7672	0.7819	0.7971	0.8126	0.8284
0.8445	0.8609	0.8776	0.8945	0.9116
0.9289	0.9464	0.9641	0.9820	1.0000

Width:

0.1012	0.1179	0.1346	0.1513	0.1681
0.1848	0.2015	0.2182	0.2349	0.2516
0.2683	0.2850	0.3017	0.3184	0.3352
0.3519	0.3686	0.3853	0.3992	0.4085
0.4178	0.4270	0.4363	0.4456	0.4548
0.4641	0.4734	0.4835	0.5070	0.5304
0.5539	0.5774	0.6009	0.6243	0.6478
0.6713	0.6948	0.7183	0.7417	0.7652
0.7887	0.8122	0.8357	0.8591	0.8826
0.9061	0.9296	0.9530	0.9765	1.0000

Transect 13A-S08

Area:

0.0028	0.0096	0.0169	0.0246	0.0328
0.0415	0.0505	0.0601	0.0701	0.0805
0.0914	0.1027	0.1145	0.1267	0.1394
0.1526	0.1661	0.1802	0.1950	0.2107
0.2273	0.2447	0.2630	0.2822	0.3022
0.3231	0.3448	0.3675	0.3909	0.4153
0.4405	0.4666	0.4930	0.5196	0.5464
0.5735	0.6007	0.6280	0.6556	0.6834
0.7113	0.7395	0.7678	0.7965	0.8265
0.8581	0.8913	0.9260	0.9622	1.0000

Hrad:

0.0206	0.0556	0.0910	0.1241	0.1552
0.1848	0.2131	0.2402	0.2664	0.2918
0.3165	0.3405	0.3640	0.3870	0.4096
0.4319	0.4537	0.4712	0.4819	0.4934
0.5058	0.5188	0.5323	0.5464	0.5609
0.5758	0.5910	0.6066	0.6224	0.6384
0.6547	0.6749	0.7073	0.7395	0.7713
0.8030	0.8344	0.8655	0.8965	0.9272
0.9577	0.9879	1.0180	1.0278	1.0173
1.0096	1.0043	1.0011	0.9997	1.0000

Width:

0.1475	0.1831	0.1948	0.2064	0.2181
0.2297	0.2414	0.2530	0.2647	0.2763
0.2880	0.2997	0.3113	0.3230	0.3346
0.3463	0.3579	0.3734	0.3958	0.4182
0.4406	0.4630	0.4854	0.5078	0.5303
0.5527	0.5751	0.5975	0.6199	0.6423
0.6647	0.6830	0.6879	0.6928	0.6977
0.7026	0.7075	0.7124	0.7173	0.7222
0.7271	0.7320	0.7369	0.7585	0.7987
0.8390	0.8792	0.9195	0.9597	1.0000

Transect 13A-S09

Area:

0.0022	0.0072	0.0127	0.0189	0.0257
0.0331	0.0411	0.0497	0.0590	0.0688
0.0793	0.0904	0.1020	0.1143	0.1273
0.1408	0.1549	0.1697	0.1850	0.2010
0.2176	0.2348	0.2526	0.2710	0.2901
0.3097	0.3300	0.3509	0.3723	0.3944
0.4172	0.4405	0.4644	0.4890	0.5142
0.5402	0.5669	0.5944	0.6228	0.6519
0.6817	0.7124	0.7438	0.7766	0.8107
0.8462	0.8831	0.9211	0.9601	1.0000

Hrad:

0.0263	0.0686	0.1050	0.1370	0.1661
0.1930	0.2185	0.2428	0.2661	0.2888
0.3109	0.3326	0.3538	0.3748	0.3954
0.4159	0.4361	0.4562	0.4761	0.4959
0.5155	0.5351	0.5546	0.5740	0.5933
0.6126	0.6318	0.6509	0.6700	0.6891
0.7081	0.7271	0.7460	0.7649	0.7819
0.7985	0.8153	0.8323	0.8494	0.8668
0.8843	0.9019	0.9160	0.9237	0.9325
0.9423	0.9536	0.9689	0.9843	1.0000

Width:

0.1103	0.1301	0.1453	0.1604	0.1756
0.1908	0.2059	0.2211	0.2362	0.2514
0.2666	0.2817	0.2969	0.3121	0.3272
0.3424	0.3576	0.3727	0.3879	0.4030
0.4182	0.4334	0.4485	0.4637	0.4789
0.4940	0.5092	0.5244	0.5395	0.5547
0.5698	0.5850	0.6002	0.6153	0.6335
0.6528	0.6720	0.6913	0.7106	0.7298
0.7491	0.7684	0.7929	0.8274	0.8619
0.8964	0.9293	0.9529	0.9764	1.0000

Transect 13A-S10

Area:

0.0006	0.0022	0.0050	0.0085	0.0126
0.0170	0.0220	0.0274	0.0332	0.0395
0.0462	0.0534	0.0610	0.0691	0.0776
0.0866	0.0961	0.1060	0.1163	0.1271
0.1383	0.1500	0.1622	0.1748	0.1878
0.2013	0.2153	0.2297	0.2445	0.2598
0.2756	0.2918	0.3088	0.3313	0.3605
0.3966	0.4374	0.4787	0.5202	0.5620
0.6040	0.6463	0.6889	0.7317	0.7748
0.8182	0.8619	0.9068	0.9528	1.0000

Hrad:

0.0247	0.0494	0.0741	0.1087	0.1405
0.1699	0.1976	0.2241	0.2497	0.2745
0.2987	0.3225	0.3459	0.3690	0.3918
0.4144	0.4369	0.4592	0.4813	0.5033
0.5252	0.5470	0.5688	0.5904	0.6120
0.6336	0.6551	0.6765	0.6979	0.7193
0.7406	0.7619	0.7818	0.7861	0.7768
0.7599	0.5066	0.5506	0.5943	0.6377
0.6808	0.7236	0.7662	0.8084	0.8504
0.8922	0.9244	0.9495	0.9748	1.0000

Width:

0.0231	0.0462	0.0693	0.0796	0.0890
0.0984	0.1079	0.1173	0.1268	0.1362
0.1457	0.1551	0.1645	0.1740	0.1834
0.1929	0.2023	0.2117	0.2212	0.2306
0.2401	0.2495	0.2590	0.2684	0.2778
0.2873	0.2967	0.3062	0.3156	0.3250
0.3345	0.3439	0.3993	0.5412	0.6831
0.8250	0.8610	0.8665	0.8720	0.8774
0.8829	0.8883	0.8938	0.8992	0.9047
0.9101	0.9265	0.9510	0.9755	1.0000

Transect 13A-S11

Area:

0.0131	0.0264	0.0401	0.0542	0.0685
0.0831	0.0981	0.1134	0.1290	0.1449
0.1611	0.1777	0.1946	0.2117	0.2292
0.2471	0.2652	0.2837	0.3024	0.3215
0.3409	0.3607	0.3807	0.4011	0.4217
0.4427	0.4640	0.4857	0.5076	0.5297
0.5519	0.5743	0.5968	0.6195	0.6423
0.6652	0.6882	0.7114	0.7347	0.7582
0.7817	0.8055	0.8293	0.8533	0.8774
0.9017	0.9260	0.9506	0.9752	1.0000

Hrad:

0.0461	0.0886	0.1281	0.1649	0.1994

0.2318 0.2625 0.2917 0.3194 0.3460
0.3714 0.3958 0.4193 0.4420 0.4639
0.4852 0.5058 0.5259 0.5455 0.5646
0.5832 0.6015 0.6194 0.6369 0.6541
0.6709 0.6875 0.7039 0.7203 0.7369
0.7532 0.7689 0.7843 0.7993 0.8139
0.8282 0.8422 0.8558 0.8691 0.8822
0.8950 0.9075 0.9198 0.9319 0.9438
0.9554 0.9668 0.9781 0.9891 1.0000

Width:
0.5320 0.5448 0.5575 0.5703 0.5830
0.5958 0.6086 0.6213 0.6341 0.6468
0.6596 0.6724 0.6851 0.6979 0.7107
0.7234 0.7362 0.7489 0.7617 0.7745
0.7872 0.8000 0.8127 0.8255 0.8383
0.8510 0.8638 0.8765 0.8869 0.8923
0.8977 0.9031 0.9085 0.9138 0.9192
0.9246 0.9300 0.9354 0.9408 0.9462
0.9515 0.9569 0.9623 0.9677 0.9731
0.9785 0.9838 0.9892 0.9946 1.0000

Transect 13A-S12
Area:
0.0013 0.0052 0.0116 0.0206 0.0319
0.0440 0.0564 0.0693 0.0826 0.0964
0.1106 0.1252 0.1402 0.1557 0.1716
0.1879 0.2047 0.2219 0.2395 0.2576
0.2761 0.2950 0.3144 0.3342 0.3544
0.3751 0.3961 0.4177 0.4396 0.4620
0.4848 0.5080 0.5317 0.5558 0.5804
0.6053 0.6307 0.6566 0.6828 0.7095
0.7367 0.7642 0.7922 0.8206 0.8495
0.8788 0.9085 0.9386 0.9692 1.0000

Hrad:
0.0207 0.0414 0.0621 0.0828 0.1109
0.1446 0.1762 0.2061 0.2345 0.2616
0.2876 0.3125 0.3366 0.3598 0.3824
0.4043 0.4257 0.4465 0.4669 0.4869
0.5064 0.5256 0.5445 0.5631 0.5815
0.5995 0.6174 0.6350 0.6524 0.6696
0.6867 0.7036 0.7203 0.7370 0.7534
0.7698 0.7860 0.8021 0.8181 0.8341
0.8499 0.8656 0.8813 0.8968 0.9123
0.9278 0.9431 0.9584 0.9774 1.0000

Width:
0.0833 0.1665 0.2498 0.3330 0.3816
0.3956 0.4095 0.4234 0.4374 0.4513
0.4653 0.4792 0.4932 0.5071 0.5211
0.5350 0.5490 0.5629 0.5768 0.5908
0.6047 0.6187 0.6326 0.6466 0.6605
0.6745 0.6884 0.7023 0.7163 0.7302
0.7442 0.7581 0.7721 0.7860 0.8000
0.8139 0.8278 0.8418 0.8557 0.8697
0.8836 0.8976 0.9115 0.9255 0.9394
0.9534 0.9673 0.9812 0.9921 1.0000

Transect 13A-S13
Area:
0.0013 0.0052 0.0116 0.0206 0.0319
0.0440 0.0564 0.0693 0.0826 0.0964
0.1106 0.1252 0.1402 0.1557 0.1716
0.1879 0.2047 0.2219 0.2395 0.2576
0.2761 0.2950 0.3144 0.3342 0.3544
0.3751 0.3961 0.4177 0.4396 0.4620
0.4848 0.5080 0.5317 0.5558 0.5804
0.6053 0.6307 0.6566 0.6828 0.7095
0.7367 0.7642 0.7922 0.8206 0.8495
0.8788 0.9085 0.9386 0.9692 1.0000

Hrad:
0.0207 0.0414 0.0621 0.0828 0.1109
0.1446 0.1762 0.2061 0.2345 0.2616
0.2876 0.3125 0.3366 0.3598 0.3824
0.4043 0.4257 0.4465 0.4669 0.4869
0.5064 0.5256 0.5445 0.5631 0.5815
0.5995 0.6174 0.6350 0.6524 0.6696
0.6867 0.7036 0.7203 0.7370 0.7534
0.7698 0.7860 0.8021 0.8181 0.8341
0.8499 0.8656 0.8813 0.8968 0.9123
0.9278 0.9431 0.9584 0.9774 1.0000

Width:
0.0833 0.1665 0.2498 0.3330 0.3816
0.3956 0.4095 0.4234 0.4374 0.4513
0.4653 0.4792 0.4932 0.5071 0.5211
0.5350 0.5490 0.5629 0.5768 0.5908
0.6047 0.6187 0.6326 0.6466 0.6605
0.6745 0.6884 0.7023 0.7163 0.7302
0.7442 0.7581 0.7721 0.7860 0.8000
0.8139 0.8278 0.8418 0.8557 0.8697
0.8836 0.8976 0.9115 0.9255 0.9394
0.9534 0.9673 0.9812 0.9921 1.0000

Transect 13A-S14
Area:
0.0080 0.0189 0.0300 0.0416 0.0534
0.0657 0.0782 0.0912 0.1045 0.1181
0.1321 0.1464 0.1611 0.1762 0.1916
0.2073 0.2234 0.2399 0.2567 0.2738
0.2913 0.3092 0.3274 0.3460 0.3649
0.3842 0.4038 0.4238 0.4441 0.4648
0.4858 0.5072 0.5292 0.5524 0.5762
0.6000 0.6239 0.6479 0.6720 0.6961
0.7204 0.7447 0.7691 0.7936 0.8182
0.8442 0.8753 0.9117 0.9535 1.0000

Hrad:
0.0492 0.1082 0.1621 0.2119 0.2581
0.3013 0.3419 0.3803 0.4167 0.4515
0.4848 0.5167 0.5475 0.5773 0.6061
0.6340 0.6612 0.6877 0.7136 0.7389
0.7637 0.7880 0.8119 0.8353 0.8584
0.8811 0.9035 0.9256 0.9475 0.9691
0.9904 1.0115 1.0139 1.0176 1.0444
1.0704 1.0958 1.1206 1.1447 1.1683
1.1913 1.2138 1.2358 1.2573 1.2783
1.2016 1.1132 1.0480 0.9998 1.0000

Width:
0.2252 0.2326 0.2401 0.2475 0.2549
0.2624 0.2698 0.2773 0.2847 0.2922
0.2996 0.3071 0.3145 0.3220 0.3294
0.3369 0.3443 0.3517 0.3592 0.3666
0.3741 0.3815 0.3890 0.3964 0.4039
0.4113 0.4188 0.4262 0.4336 0.4411
0.4485 0.4560 0.4785 0.5014 0.5032
0.5049 0.5067 0.5084 0.5101 0.5119
0.5136 0.5153 0.5171 0.5188 0.5205
0.6018 0.7145 0.8272 0.9399 1.0000

Transect 13A-S15
Area:
0.0004 0.0015 0.0035 0.0061 0.0096
0.0138 0.0188 0.0246 0.0311 0.0384
0.0464 0.0552 0.0648 0.0752 0.0863
0.0980 0.1102 0.1229 0.1362 0.1502
0.1646 0.1797 0.1953 0.2115 0.2283
0.2456 0.2635 0.2820 0.3011 0.3207
0.3409 0.3617 0.3831 0.4050 0.4275
0.4506 0.4742 0.4985 0.5233 0.5486
0.5746 0.6011 0.6282 0.6558 0.6941
0.7348 0.7854 0.8465 0.9180 1.0000

Hrad:
0.0377 0.0753 0.1130 0.1507 0.1884
0.2260 0.2637 0.3014 0.3391 0.3767
0.4144 0.4521 0.4898 0.5274 0.5681
0.6138 0.6563 0.6982 0.7394 0.7801
0.8203 0.8601 0.8995 0.9386 0.9774
1.0159 1.0542 1.0923 1.1302 1.1679
1.2054 1.2428 1.2801 1.3172 1.3542
1.3911 1.4279 1.4646 1.5012 1.5377
1.5742 1.6106 1.6469 1.3277 1.3944
1.2879 1.1586 1.0780 1.0284 1.0000

Width:
0.0088 0.0176 0.0264 0.0352 0.0440
0.0528 0.0616 0.0704 0.0792 0.0880
0.0968 0.1056 0.1144 0.1232 0.1309
0.1365 0.1430 0.1496 0.1562 0.1628
0.1693 0.1759 0.1825 0.1890 0.1956
0.2022 0.2088 0.2153 0.2219 0.2285
0.2350 0.2416 0.2482 0.2548 0.2613
0.2679 0.2745 0.2811 0.2876 0.2942
0.3008 0.3073 0.3139 0.4370 0.4398
0.5206 0.6404 0.7603 0.8801 1.0000

Transect 13A-S16
Area:
0.0009 0.0035 0.0079 0.0140 0.0219
0.0316 0.0419 0.0525 0.0633 0.0744
0.0857 0.0972 0.1090 0.1210 0.1333

0.1458 0.1586 0.1716 0.1848 0.1982
0.2120 0.2259 0.2401 0.2545 0.2692
0.2841 0.2993 0.3147 0.3303 0.3462
0.3623 0.3786 0.3952 0.4121 0.4291
0.4464 0.4640 0.4822 0.5025 0.5253
0.5525 0.5846 0.6215 0.6640 0.7133
0.7666 0.8219 0.8792 0.9386 1.0000
Hrad:
0.0329 0.0658 0.0986 0.1315 0.1644
0.2024 0.2591 0.3134 0.3654 0.4154
0.4635 0.5100 0.5550 0.5986 0.6409
0.6821 0.7222 0.7613 0.7994 0.8368
0.8733 0.9091 0.9442 0.9787 1.0126
1.0459 1.0787 1.1110 1.1429 1.1743
1.2053 1.2359 1.2661 1.2961 1.3256
1.3549 1.3839 1.3429 1.2840 1.1862
1.0772 1.0028 0.9517 0.8876 0.8476
0.8779 0.9083 0.9388 0.9693 1.0000
Width:
0.0281 0.0563 0.0844 0.1125 0.1406
0.1638 0.1677 0.1716 0.1754 0.1793
0.1831 0.1870 0.1908 0.1947 0.1985
0.2024 0.2062 0.2101 0.2139 0.2178
0.2216 0.2255 0.2293 0.2332 0.2370
0.2409 0.2447 0.2486 0.2525 0.2563
0.2602 0.2640 0.2679 0.2717 0.2756
0.2794 0.2833 0.3079 0.3421 0.3983
0.4756 0.5529 0.6302 0.7351 0.8381
0.8704 0.9028 0.9352 0.9676 1.0000

Transect 13A-S17
Area:
0.0004 0.0015 0.0033 0.0059 0.0092
0.0133 0.0181 0.0236 0.0299 0.0369
0.0446 0.0531 0.0623 0.0720 0.0820
0.0923 0.1030 0.1139 0.1252 0.1367
0.1486 0.1608 0.1732 0.1860 0.1991
0.2124 0.2261 0.2401 0.2543 0.2689
0.2838 0.2990 0.3144 0.3302 0.3463
0.3627 0.3794 0.3964 0.4153 0.4373
0.4648 0.4990 0.5399 0.5873 0.6413
0.7020 0.7693 0.8430 0.9202 1.0000
Hrad:
0.0389 0.0777 0.1166 0.1555 0.1944
0.2332 0.2721 0.3110 0.3499 0.3887
0.4276 0.4665 0.5116 0.5656 0.6179
0.6701 0.7217 0.7720 0.8209 0.8688
0.9156 0.9614 1.0064 1.0506 1.0940
1.1368 1.1790 1.2206 1.2616 1.3022
1.3423 1.3819 1.4212 1.4601 1.4987
1.5369 1.5748 1.5845 1.4613 1.3228
1.1381 1.0262 0.9569 0.9147 0.8909
0.8799 0.8785 0.8989 0.9497 1.0000
Width:
0.0091 0.0182 0.0273 0.0364 0.0455
0.0546 0.0636 0.0727 0.0818 0.0909
0.1000 0.1091 0.1164 0.1209 0.1254
0.1295 0.1332 0.1369 0.1406 0.1443
0.1480 0.1517 0.1554 0.1592 0.1629
0.1666 0.1703 0.1740 0.1777 0.1814
0.1851 0.1888 0.1926 0.1963 0.2000
0.2037 0.2074 0.2158 0.2509 0.2991
0.3806 0.4622 0.5437 0.6252 0.7068
0.7883 0.8698 0.9349 0.9674 1.0000

Transect 13A-S18
Area:
0.0008 0.0030 0.0066 0.0106 0.0148
0.0192 0.0238 0.0287 0.0338 0.0391
0.0446 0.0503 0.0563 0.0625 0.0689
0.0755 0.0823 0.0894 0.0967 0.1042
0.1119 0.1199 0.1280 0.1364 0.1450
0.1539 0.1629 0.1722 0.1817 0.1914
0.2014 0.2155 0.2411 0.2775 0.3163
0.3552 0.3941 0.4331 0.4722 0.5122
0.5537 0.5969 0.6416 0.6880 0.7360
0.7855 0.8367 0.8896 0.9440 1.0000
Hrad:
0.0300 0.0599 0.1008 0.1466 0.1877
0.2251 0.2597 0.2919 0.3222 0.3510
0.3785 0.4049 0.4304 0.4551 0.4791
0.5025 0.5254 0.5478 0.5698 0.5914
0.6127 0.6337 0.6545 0.6750 0.6953
0.7154 0.7353 0.7550 0.7746 0.7941
0.8134 0.5352 0.4105 0.3935 0.4467
0.4995 0.5520 0.6042 0.6560 0.6874
0.7186 0.7498 0.7810 0.8122 0.8435
0.8747 0.9060 0.9373 0.9687 1.0000
Width:
0.0267 0.0534 0.0679 0.0718 0.0757
0.0796 0.0834 0.0873 0.0912 0.0951
0.0990 0.1029 0.1068 0.1107 0.1146
0.1185 0.1224 0.1263 0.1301 0.1340
0.1379 0.1418 0.1457 0.1496 0.1535
0.1574 0.1613 0.1652 0.1691 0.1729
0.1768 0.3479 0.5523 0.6820 0.6833
0.6847 0.6860 0.6874 0.6888 0.7167
0.7450 0.7734 0.8017 0.8300 0.8584
0.8867 0.9150 0.9433 0.9717 1.0000

Transect 13A-S19
Area:
0.0017 0.0068 0.0135 0.0206 0.0282
0.0362 0.0446 0.0535 0.0628 0.0725
0.0827 0.0933 0.1044 0.1159 0.1278
0.1401 0.1529 0.1661 0.1798 0.1939
0.2084 0.2234 0.2388 0.2546 0.2709
0.2876 0.3047 0.3223 0.3403 0.3587
0.3776 0.4068 0.4376 0.4686 0.4998
0.5312 0.5629 0.5948 0.6269 0.6592
0.6918 0.7246 0.7576 0.7909 0.8244
0.8581 0.8920 0.9262 0.9607 1.0000
Hrad:
0.0238 0.0496 0.0910 0.1290 0.1644
0.1976 0.2291 0.2592 0.2880 0.3158
0.3427 0.3688 0.3942 0.4191 0.4435
0.4674 0.4910 0.5141 0.5370 0.5595
0.5819 0.6039 0.6258 0.6475 0.6690
0.6903 0.7115 0.7325 0.7535 0.7743
0.7652 0.5702 0.6081 0.6458 0.6831
0.7202 0.7569 0.7934 0.8296 0.8655
0.9012 0.9366 0.9717 1.0066 1.0413
1.0757 1.1099 1.1438 1.1574 1.0000
Width:
0.0779 0.1491 0.1591 0.1691 0.1791
0.1891 0.1991 0.2091 0.2191 0.2291
0.2391 0.2491 0.2591 0.2691 0.2791
0.2891 0.2991 0.3091 0.3191 0.3291
0.3391 0.3491 0.3591 0.3691 0.3791
0.3891 0.3991 0.4091 0.4191 0.4291
0.4599 0.7046 0.7098 0.7151 0.7203
0.7256 0.7308 0.7361 0.7413 0.7466
0.7518 0.7571 0.7623 0.7676 0.7728
0.7781 0.7833 0.7886 0.8099 1.0000

Transect 13A-S20
Area:
0.0009 0.0035 0.0078 0.0138 0.0206
0.0279 0.0357 0.0439 0.0527 0.0620
0.0718 0.0822 0.0930 0.1043 0.1161
0.1285 0.1413 0.1546 0.1685 0.1829
0.1981 0.2152 0.2342 0.2550 0.2776
0.3021 0.3282 0.3547 0.3814 0.4082
0.4353 0.4626 0.4901 0.5178 0.5457
0.5738 0.6022 0.6307 0.6594 0.6883
0.7174 0.7467 0.7762 0.8059 0.8359
0.8667 0.8985 0.9313 0.9651 1.0000
Hrad:
0.0203 0.0406 0.0609 0.0859 0.1176
0.1473 0.1753 0.2020 0.2277 0.2525
0.2765 0.2999 0.3227 0.3451 0.3671
0.3887 0.4101 0.4312 0.4520 0.4726
0.4649 0.4562 0.4527 0.4529 0.4562
0.4618 0.4817 0.5134 0.5445 0.5751
0.6052 0.6348 0.6638 0.6924 0.7206
0.7483 0.7756 0.8025 0.8290 0.8551
0.8809 0.9063 0.9314 0.9561 0.9742
0.9777 0.9821 0.9873 0.9933 1.0000
Width:
0.0492 0.0983 0.1475 0.1842 0.1985
0.2128 0.2271 0.2414 0.2557 0.2700
0.2843 0.2986 0.3129 0.3272 0.3415
0.3558 0.3701 0.3844 0.3987 0.4130
0.4575 0.5095 0.5615 0.6135 0.6655
0.7175 0.7459 0.7516 0.7573 0.7630
0.7687 0.7744 0.7801 0.7858 0.7915

0.7972 0.8029 0.8086 0.8143 0.8200
0.8257 0.8314 0.8371 0.8428 0.8554
0.8843 0.9132 0.9422 0.9711 1.0000

Transect 13A-S21
Area:
0.0019 0.0077 0.0151 0.0232 0.0318
0.0409 0.0507 0.0610 0.0718 0.0832
0.0952 0.1077 0.1208 0.1344 0.1487
0.1634 0.1788 0.1947 0.2111 0.2281
0.2457 0.2639 0.2826 0.3018 0.3216
0.3420 0.3628 0.3841 0.4059 0.4281
0.4509 0.4741 0.4978 0.5220 0.5466
0.5718 0.5974 0.6235 0.6500 0.6771
0.7046 0.7326 0.7611 0.7901 0.8196
0.8495 0.8799 0.9128 0.9528 1.0000
Hrad:
0.0268 0.0568 0.1025 0.1444 0.1833
0.2198 0.2544 0.2874 0.3191 0.3498
0.3795 0.4084 0.4367 0.4644 0.4916
0.5183 0.5446 0.5706 0.5963 0.6217
0.6469 0.6718 0.6965 0.7211 0.7455
0.7759 0.8062 0.8363 0.8662 0.8960
0.9256 0.9551 0.9844 1.0137 1.0428
1.0717 1.1006 1.1294 1.1581 1.1867
1.2152 1.2436 1.2719 1.3002 1.3284
1.3565 1.3845 1.2351 1.0958 1.0000
Width:
0.0757 0.1417 0.1528 0.1638 0.1749
0.1859 0.1969 0.2080 0.2190 0.2301
0.2411 0.2521 0.2632 0.2742 0.2853
0.2963 0.3073 0.3184 0.3294 0.3405
0.3515 0.3625 0.3736 0.3846 0.3957
0.4051 0.4145 0.4240 0.4334 0.4429
0.4523 0.4617 0.4712 0.4806 0.4900
0.4995 0.5089 0.5183 0.5278 0.5372
0.5466 0.5561 0.5655 0.5749 0.5844
0.5938 0.6033 0.7159 0.8579 1.0000

Transect 13A-S22
Area:
0.0045 0.0106 0.0174 0.0248 0.0327
0.0413 0.0504 0.0602 0.0705 0.0815
0.0930 0.1052 0.1180 0.1313 0.1453
0.1598 0.1750 0.1907 0.2071 0.2240
0.2416 0.2597 0.2785 0.2978 0.3178
0.3383 0.3595 0.3811 0.4030 0.4252
0.4478 0.4706 0.4937 0.5172 0.5409
0.5649 0.5897 0.6154 0.6421 0.6698
0.6985 0.7281 0.7587 0.7902 0.8228
0.8563 0.8907 0.9262 0.9626 1.0000
Hrad:
0.0327 0.0688 0.1009 0.1302 0.1574
0.1830 0.2073 0.2306 0.2531 0.2750
0.2963 0.3171 0.3376 0.3577 0.3775
0.3970 0.4164 0.4355 0.4545 0.4733
0.4920 0.5105 0.5290 0.5473 0.5656
0.5838 0.6019 0.6283 0.6548 0.6811
0.7071 0.7328 0.7583 0.7836 0.8087
0.8312 0.8393 0.8483 0.8581 0.8685
0.8796 0.8912 0.9033 0.9160 0.9290
0.9425 0.9564 0.9706 0.9852 1.0000
Width:
0.1547 0.1705 0.1863 0.2022 0.2180
0.2338 0.2497 0.2655 0.2813 0.2972
0.3130 0.3288 0.3447 0.3605 0.3763
0.3922 0.4080 0.4239 0.4397 0.4555
0.4714 0.4872 0.5030 0.5189 0.5347
0.5505 0.5664 0.5747 0.5827 0.5907
0.5987 0.6066 0.6146 0.6226 0.6306
0.6410 0.6667 0.6923 0.7179 0.7436
0.7692 0.7949 0.8205 0.8462 0.8718
0.8974 0.9231 0.9487 0.9744 1.0000

Transect 13A-S23
Area:
0.0014 0.0058 0.0128 0.0209 0.0295
0.0386 0.0484 0.0587 0.0696 0.0810
0.0931 0.1057 0.1188 0.1326 0.1469
0.1618 0.1772 0.1932 0.2098 0.2270
0.2447 0.2630 0.2818 0.3013 0.3213
0.3419 0.3630 0.3847 0.4070 0.4299
0.4533 0.4773 0.5019 0.5270 0.5527
0.5790 0.6058 0.6332 0.6612 0.6898
0.7186 0.7477 0.7771 0.8067 0.8365
0.8667 0.8979 0.9305 0.9645 1.0000
Hrad:
0.0256 0.0512 0.0835 0.1224 0.1574
0.1894 0.2192 0.2471 0.2736 0.2989
0.3232 0.3467 0.3695 0.3918 0.4135
0.4348 0.4558 0.4764 0.4967 0.5168
0.5366 0.5563 0.5757 0.5950 0.6141
0.6331 0.6520 0.6708 0.6894 0.7080
0.7265 0.7449 0.7632 0.7815 0.7997
0.8178 0.8359 0.8539 0.8719 0.8908
0.9108 0.9304 0.9496 0.9685 0.9869
1.0015 0.9987 0.9976 0.9981 1.0000
Width:
0.0799 0.1597 0.2142 0.2299 0.2457
0.2614 0.2772 0.2929 0.3087 0.3244
0.3402 0.3559 0.3717 0.3874 0.4032
0.4189 0.4347 0.4504 0.4662 0.4819
0.4977 0.5134 0.5292 0.5449 0.5607
0.5764 0.5922 0.6079 0.6237 0.6394
0.6552 0.6709 0.6867 0.7024 0.7182
0.7339 0.7497 0.7654 0.7811 0.7933
0.8005 0.8076 0.8148 0.8219 0.8291
0.8416 0.8812 0.9208 0.9604 1.0000

Transect 13A-S24
Area:
0.0009 0.0035 0.0079 0.0140 0.0219
0.0316 0.0424 0.0537 0.0653 0.0773
0.0897 0.1025 0.1157 0.1293 0.1433
0.1576 0.1723 0.1875 0.2030 0.2189
0.2352 0.2519 0.2689 0.2864 0.3042
0.3225 0.3411 0.3601 0.3795 0.3993
0.4194 0.4400 0.4609 0.4823 0.5040
0.5261 0.5486 0.5715 0.5948 0.6184
0.6425 0.6669 0.6925 0.7304 0.7748
0.8194 0.8643 0.9093 0.9546 1.0000
Hrad:
0.0245 0.0490 0.0735 0.0981 0.1226
0.1471 0.1867 0.2262 0.2641 0.3005
0.3357 0.3697 0.4027 0.4348 0.4661
0.4966 0.5264 0.5556 0.5842 0.6124
0.6400 0.6672 0.6940 0.7204 0.7465
0.7723 0.7978 0.8229 0.8479 0.8725
0.8970 0.9212 0.9453 0.9691 0.9928
1.0163 1.0397 1.0629 1.0860 1.1089
1.1317 1.1544 1.1751 0.7535 0.7951
0.8366 0.8778 0.9187 0.9595 1.0000
Width:
0.0385 0.0771 0.1156 0.1541 0.1927
0.2312 0.2426 0.2512 0.2597 0.2682
0.2767 0.2852 0.2938 0.3023 0.3108
0.3193 0.3278 0.3364 0.3449 0.3534
0.3619 0.3705 0.3790 0.3875 0.3960
0.4045 0.4131 0.4216 0.4301 0.4386
0.4471 0.4557 0.4642 0.4727 0.4812
0.4898 0.4983 0.5068 0.5153 0.5238
0.5324 0.5409 0.6575 0.9735 0.9779
0.9823 0.9867 0.9912 0.9956 1.0000

Transect 13A-S25
Area:
0.0086 0.0194 0.0305 0.0419 0.0536
0.0656 0.0779 0.0905 0.1035 0.1167
0.1302 0.1441 0.1582 0.1727 0.1874
0.2025 0.2179 0.2335 0.2495 0.2658
0.2824 0.2993 0.3164 0.3339 0.3517
0.3699 0.3883 0.4070 0.4260 0.4453
0.4650 0.4849 0.5051 0.5257 0.5465
0.5677 0.5891 0.6109 0.6330 0.6553
0.6780 0.7010 0.7243 0.7486 0.7780
0.8133 0.8544 0.9000 0.9486 1.0000
Hrad:
0.0479 0.1036 0.1564 0.2066 0.2545
0.3004 0.3444 0.3868 0.4277 0.4673
0.5056 0.5428 0.5790 0.6142 0.6486
0.6822 0.7151 0.7473 0.7788 0.8098
0.8403 0.8702 0.8997 0.9287 0.9573
0.9856 1.0134 1.0410 1.0682 1.0951
1.1217 1.1481 1.1742 1.2001 1.2257
1.2512 1.2764 1.3014 1.3263 1.3509
1.3754 1.3998 1.4240 1.3364 1.1823

1.0759 1.0007 0.9959 0.9965 1.0000

Width:

0.2013 0.2071 0.2128 0.2186 0.2244
0.2301 0.2359 0.2417 0.2474 0.2532
0.2589 0.2647 0.2705 0.2762 0.2820
0.2877 0.2935 0.2993 0.3050 0.3108
0.3166 0.3223 0.3281 0.3338 0.3396
0.3454 0.3511 0.3569 0.3627 0.3684
0.3742 0.3799 0.3857 0.3915 0.3972
0.4030 0.4087 0.4145 0.4203 0.4260
0.4318 0.4376 0.4433 0.5003 0.6115
0.7227 0.8339 0.8906 0.9453 1.0000

Transect 13A-S26

Area:

0.0133 0.0270 0.0409 0.0550 0.0695
0.0842 0.0991 0.1144 0.1299 0.1457
0.1618 0.1782 0.1948 0.2117 0.2288
0.2463 0.2640 0.2820 0.3002 0.3187
0.3375 0.3566 0.3760 0.3956 0.4155
0.4356 0.4561 0.4768 0.4978 0.5190
0.5405 0.5623 0.5844 0.6068 0.6294
0.6523 0.6754 0.6989 0.7226 0.7466
0.7708 0.7953 0.8201 0.8452 0.8706
0.8962 0.9219 0.9478 0.9739 1.0000

Hrad:

0.0442 0.0852 0.1235 0.1594 0.1932
0.2252 0.2555 0.2843 0.3118 0.3381
0.3633 0.3876 0.4110 0.4335 0.4553
0.4765 0.4970 0.5169 0.5363 0.5552
0.5737 0.5917 0.6093 0.6266 0.6435
0.6601 0.6764 0.6924 0.7082 0.7237
0.7390 0.7540 0.7689 0.7835 0.7980
0.8123 0.8264 0.8404 0.8542 0.8679
0.8814 0.8948 0.9081 0.9213 0.9343
0.9475 0.9610 0.9742 0.9872 1.0000

Width:

0.5145 0.5249 0.5353 0.5457 0.5561
0.5665 0.5769 0.5873 0.5977 0.6081
0.6185 0.6289 0.6393 0.6498 0.6602
0.6706 0.6810 0.6914 0.7018 0.7122
0.7226 0.7330 0.7434 0.7538 0.7642
0.7746 0.7850 0.7954 0.8059 0.8163
0.8267 0.8371 0.8475 0.8579 0.8683
0.8787 0.8891 0.8995 0.9099 0.9203
0.9307 0.9411 0.9515 0.9620 0.9724
0.9811 0.9859 0.9906 0.9953 1.0000

Transect 13A-S27

Area:

0.0006 0.0022 0.0050 0.0088 0.0138
0.0197 0.0260 0.0327 0.0398 0.0474
0.0553 0.0636 0.0724 0.0815 0.0911
0.1011 0.1114 0.1222 0.1334 0.1450
0.1570 0.1694 0.1829 0.1998 0.2178
0.2361 0.2546 0.2733 0.2922 0.3114
0.3308 0.3504 0.3703 0.3904 0.4108
0.4313 0.4530 0.4775 0.5048 0.5350
0.5680 0.6038 0.6425 0.6844 0.7300
0.7784 0.8296 0.8836 0.9404 1.0000

Hrad:

0.0314 0.0628 0.0941 0.1255 0.1569
0.2003 0.2452 0.2875 0.3278 0.3664
0.4036 0.4397 0.4747 0.5089 0.5424
0.5752 0.6074 0.6392 0.6705 0.7015
0.7321 0.7624 0.6978 0.6568 0.7016
0.7454 0.7882 0.8301 0.8712 0.9114
0.9508 0.9895 1.0276 1.0649 1.1017
1.1378 1.0872 1.0350 0.9977 0.9715
0.9541 0.9435 0.9385 0.9193 0.9252
0.9365 0.9498 0.9650 0.9818 1.0000

Width:

0.0181 0.0362 0.0543 0.0723 0.0904
0.1001 0.1067 0.1134 0.1201 0.1267
0.1334 0.1400 0.1467 0.1533 0.1600
0.1667 0.1733 0.1800 0.1866 0.1933
0.1999 0.2066 0.2489 0.2932 0.2971
0.3009 0.3047 0.3085 0.3123 0.3162
0.3200 0.3238 0.3276 0.3314 0.3353
0.3391 0.3778 0.4244 0.4710 0.5176
0.5641 0.6107 0.6573 0.7216 0.7701
0.8161 0.8621 0.9080 0.9540 1.0000

Transect 13A-S28

Area:

0.0013 0.0046 0.0082 0.0122 0.0165
0.0213 0.0263 0.0318 0.0376 0.0438
0.0503 0.0572 0.0644 0.0721 0.0801
0.0884 0.0971 0.1062 0.1156 0.1254
0.1356 0.1461 0.1570 0.1682 0.1799
0.1918 0.2042 0.2169 0.2299 0.2434
0.2572 0.2714 0.2872 0.3051 0.3252
0.3489 0.3761 0.4071 0.4418 0.4801
0.5221 0.5676 0.6154 0.6649 0.7163
0.7695 0.8244 0.8811 0.9397 1.0000

Hrad:

0.0319 0.0821 0.1303 0.1736 0.2133
0.2504 0.2855 0.3191 0.3515 0.3828
0.4134 0.4432 0.4725 0.5014 0.5298
0.5579 0.5856 0.6131 0.6404 0.6675
0.6944 0.7211 0.7477 0.7741 0.8004
0.8267 0.8528 0.8788 0.9048 0.9307
0.9565 0.9599 0.9099 0.8754 0.8283
0.7766 0.7437 0.7239 0.7137 0.7107
0.7131 0.7286 0.7629 0.7971 0.8311
0.8650 0.8989 0.9327 0.9664 1.0000

Width:

0.0433 0.0563 0.0623 0.0682 0.0741
0.0801 0.0860 0.0919 0.0978 0.1038
0.1097 0.1156 0.1215 0.1275 0.1334
0.1393 0.1452 0.1512 0.1571 0.1630
0.1689 0.1749 0.1808 0.1867 0.1926
0.1986 0.2045 0.2104 0.2163 0.2223
0.2282 0.2413 0.2753 0.3094 0.3558
0.4158 0.4758 0.5358 0.5958 0.6558
0.7158 0.7656 0.7949 0.8242 0.8535
0.8828 0.9121 0.9414 0.9707 1.0000

Transect 13A-S29

Area:

0.0013 0.0046 0.0082 0.0122 0.0165
0.0213 0.0263 0.0318 0.0376 0.0438
0.0503 0.0572 0.0644 0.0721 0.0801
0.0884 0.0971 0.1062 0.1156 0.1254
0.1356 0.1461 0.1570 0.1682 0.1799
0.1918 0.2042 0.2169 0.2299 0.2434
0.2572 0.2714 0.2872 0.3051 0.3252
0.3489 0.3761 0.4071 0.4418 0.4801
0.5221 0.5676 0.6154 0.6649 0.7163
0.7695 0.8244 0.8811 0.9397 1.0000

Hrad:

0.0319 0.0821 0.1303 0.1736 0.2133
0.2504 0.2855 0.3191 0.3515 0.3828
0.4134 0.4432 0.4725 0.5014 0.5298
0.5579 0.5856 0.6131 0.6404 0.6675
0.6944 0.7211 0.7477 0.7741 0.8004
0.8267 0.8528 0.8788 0.9048 0.9307
0.9565 0.9599 0.9099 0.8754 0.8283
0.7766 0.7437 0.7239 0.7137 0.7107
0.7131 0.7286 0.7629 0.7971 0.8311
0.8650 0.8989 0.9327 0.9664 1.0000

Width:

0.0433 0.0563 0.0623 0.0682 0.0741
0.0801 0.0860 0.0919 0.0978 0.1038
0.1097 0.1156 0.1215 0.1275 0.1334
0.1393 0.1452 0.1512 0.1571 0.1630
0.1689 0.1749 0.1808 0.1867 0.1926
0.1986 0.2045 0.2104 0.2163 0.2223
0.2282 0.2413 0.2753 0.3094 0.3558
0.4158 0.4758 0.5358 0.5958 0.6558
0.7158 0.7656 0.7949 0.8242 0.8535
0.8828 0.9121 0.9414 0.9707 1.0000

Transect 13A-S30

Area:

0.0007 0.0029 0.0064 0.0114 0.0176
0.0244 0.0318 0.0395 0.0478 0.0565
0.0657 0.0754 0.0855 0.0961 0.1072
0.1188 0.1308 0.1433 0.1563 0.1697
0.1836 0.1980 0.2129 0.2282 0.2440
0.2603 0.2770 0.2942 0.3119 0.3301
0.3487 0.3678 0.3874 0.4074 0.4279
0.4489 0.4704 0.4923 0.5147 0.5379
0.5643 0.5944 0.6286 0.6675 0.7112
0.7596 0.8126 0.8704 0.9328 1.0000

Hrad:

0.0356 0.0712 0.1068 0.1423 0.1884
0.2421 0.2926 0.3406 0.3865 0.4308
0.4736 0.5152 0.5557 0.5954 0.6343
0.6726 0.7102 0.7474 0.7841 0.8204
0.8563 0.8919 0.9272 0.9622 0.9970
1.0316 1.0660 1.1002 1.1342 1.1681
1.2018 1.2354 1.2689 1.3023 1.3355
1.3687 1.4018 1.4347 1.4677 1.4198
1.3153 1.2377 1.1530 1.0941 1.0534
1.0263 1.0094 1.0004 0.9977 1.0000

Width:
0.0205 0.0410 0.0615 0.0820 0.0950
0.1018 0.1086 0.1154 0.1222 0.1289
0.1357 0.1425 0.1493 0.1561 0.1628
0.1696 0.1764 0.1832 0.1900 0.1967
0.2035 0.2103 0.2171 0.2239 0.2306
0.2374 0.2442 0.2510 0.2578 0.2645
0.2713 0.2781 0.2849 0.2917 0.2984
0.3052 0.3120 0.3188 0.3256 0.3541
0.4059 0.4588 0.5264 0.5941 0.6617
0.7294 0.7970 0.8647 0.9323 1.0000

Transect 13A-S31
Area:
0.0009 0.0036 0.0081 0.0140 0.0201
0.0265 0.0332 0.0401 0.0473 0.0547
0.0624 0.0704 0.0786 0.0871 0.0958
0.1048 0.1141 0.1236 0.1334 0.1435
0.1538 0.1643 0.1751 0.1862 0.1976
0.2092 0.2210 0.2331 0.2455 0.2582
0.2711 0.2842 0.2977 0.3113 0.3253
0.3395 0.3569 0.3840 0.4209 0.4638
0.5069 0.5501 0.5937 0.6404 0.6909
0.7451 0.8032 0.8650 0.9306 1.0000

Hrad:
0.0368 0.0735 0.1103 0.1683 0.2276
0.2830 0.3350 0.3843 0.4311 0.4759
0.5188 0.5603 0.6003 0.6391 0.6769
0.7136 0.7496 0.7847 0.8192 0.8530
0.8862 0.9190 0.9512 0.9830 1.0145
1.0455 1.0762 1.1066 1.1367 1.1665
1.1961 1.2254 1.2546 1.2835 1.3122
1.3408 1.0039 0.7919 0.6852 0.7363
0.8012 0.8658 0.9059 0.9089 0.9165
0.9278 0.9423 0.9595 0.9788 1.0000

Width:
0.0254 0.0508 0.0762 0.0843 0.0880
0.0916 0.0953 0.0989 0.1026 0.1062
0.1098 0.1135 0.1171 0.1208 0.1244
0.1281 0.1317 0.1354 0.1390 0.1427
0.1463 0.1500 0.1536 0.1573 0.1609
0.1646 0.1682 0.1719 0.1755 0.1792
0.1828 0.1865 0.1901 0.1938 0.1974
0.2011 0.3103 0.4489 0.5875 0.6035
0.6054 0.6073 0.6283 0.6814 0.7345
0.7876 0.8407 0.8938 0.9469 1.0000

Transect 13A-S32
Area:
0.0004 0.0015 0.0033 0.0059 0.0092
0.0133 0.0181 0.0236 0.0299 0.0369
0.0446 0.0531 0.0623 0.0720 0.0820
0.0923 0.1030 0.1139 0.1252 0.1367
0.1486 0.1608 0.1732 0.1860 0.1991
0.2124 0.2261 0.2401 0.2543 0.2689
0.2838 0.2990 0.3144 0.3302 0.3463
0.3627 0.3794 0.3964 0.4153 0.4373
0.4648 0.4990 0.5399 0.5873 0.6413
0.7020 0.7693 0.8430 0.9202 1.0000

Hrad:
0.0389 0.0777 0.1166 0.1555 0.1944
0.2332 0.2721 0.3110 0.3499 0.3887
0.4276 0.4665 0.5116 0.5656 0.6179
0.6701 0.7217 0.7720 0.8209 0.8688
0.9156 0.9614 1.0064 1.0506 1.0940
1.1368 1.1790 1.2206 1.2616 1.3022
1.3423 1.3819 1.4212 1.4601 1.4987
1.5369 1.5748 1.5845 1.4613 1.3228
1.1381 1.0262 0.9569 0.9147 0.8909
0.8799 0.8785 0.8989 0.9497 1.0000

Width:
0.0091 0.0182 0.0273 0.0364 0.0455
0.0546 0.0636 0.0727 0.0818 0.0909
0.1000 0.1091 0.1164 0.1209 0.1254
0.1295 0.1332 0.1369 0.1406 0.1443
0.1480 0.1517 0.1554 0.1592 0.1629
0.1666 0.1703 0.1740 0.1777 0.1814
0.1851 0.1888 0.1926 0.1963 0.2000
0.2037 0.2074 0.2158 0.2509 0.2991
0.3806 0.4622 0.5437 0.6252 0.7068
0.7883 0.8698 0.9349 0.9674 1.0000

Transect 13A-S33
Area:
0.0004 0.0016 0.0036 0.0064 0.0100
0.0144 0.0196 0.0256 0.0324 0.0400
0.0485 0.0577 0.0677 0.0785 0.0901
0.1025 0.1157 0.1298 0.1446 0.1602
0.1766 0.1938 0.2119 0.2307 0.2503
0.2707 0.2920 0.3140 0.3368 0.3604
0.3849 0.4101 0.4361 0.4630 0.4906
0.5190 0.5483 0.5783 0.6091 0.6408
0.6732 0.7065 0.7405 0.7753 0.8110
0.8474 0.8847 0.9227 0.9611 1.0000

Hrad:
0.0195 0.0391 0.0586 0.0781 0.0976
0.1172 0.1367 0.1562 0.1758 0.1953
0.2148 0.2344 0.2539 0.2734 0.2929
0.3125 0.3320 0.3515 0.3711 0.3906
0.4101 0.4296 0.4492 0.4687 0.4882
0.5078 0.5273 0.5468 0.5664 0.5859
0.6054 0.6249 0.6445 0.6640 0.6835
0.7031 0.7226 0.7421 0.7616 0.7812
0.8007 0.8202 0.8398 0.8593 0.8788
0.8984 0.9179 0.9422 0.9712 1.0000

Width:
0.0205 0.0410 0.0615 0.0820 0.1025
0.1230 0.1435 0.1640 0.1845 0.2050
0.2255 0.2460 0.2665 0.2870 0.3075
0.3280 0.3485 0.3690 0.3895 0.4100
0.4306 0.4511 0.4716 0.4921 0.5126
0.5331 0.5536 0.5741 0.5946 0.6151
0.6356 0.6561 0.6766 0.6971 0.7176
0.7381 0.7586 0.7791 0.7996 0.8201
0.8406 0.8611 0.8816 0.9021 0.9226
0.9431 0.9636 0.9791 0.9895 1.0000

Transect 13A-S34
Area:
0.0032 0.0128 0.0267 0.0410 0.0556
0.0705 0.0857 0.1011 0.1168 0.1328
0.1491 0.1657 0.1826 0.1997 0.2171
0.2349 0.2528 0.2711 0.2897 0.3085
0.3277 0.3471 0.3668 0.3868 0.4071
0.4276 0.4484 0.4696 0.4910 0.5127
0.5346 0.5569 0.5794 0.6023 0.6254
0.6488 0.6725 0.6964 0.7207 0.7452
0.7700 0.7951 0.8203 0.8456 0.8710
0.8966 0.9222 0.9480 0.9740 1.0000

Hrad:
0.0223 0.0445 0.0820 0.1201 0.1555
0.1888 0.2200 0.2495 0.2775 0.3041
0.3294 0.3537 0.3769 0.3992 0.4208
0.4415 0.4616 0.4811 0.5000 0.5184
0.5362 0.5537 0.5707 0.5873 0.6036
0.6195 0.6351 0.6504 0.6655 0.6803
0.6948 0.7092 0.7233 0.7372 0.7510
0.7645 0.7779 0.7911 0.8042 0.8171
0.8299 0.8476 0.8673 0.8868 0.9061
0.9252 0.9442 0.9630 0.9816 1.0000

Width:
0.2454 0.4908 0.5425 0.5534 0.5643
0.5752 0.5860 0.5969 0.6078 0.6187
0.6296 0.6405 0.6513 0.6622 0.6731
0.6840 0.6949 0.7058 0.7166 0.7275
0.7384 0.7493 0.7602 0.7710 0.7819
0.7928 0.8037 0.8146 0.8255 0.8363
0.8472 0.8581 0.8690 0.8799 0.8908
0.9016 0.9125 0.9234 0.9343 0.9452
0.9561 0.9626 0.9673 0.9720 0.9766
0.9813 0.9860 0.9907 0.9953 1.0000

Transect 13B-S35
Area:
0.0015 0.0054 0.0099 0.0146 0.0195
0.0248 0.0303 0.0360 0.0421 0.0484

0.0549 0.0617 0.0688 0.0762 0.0838
0.0917 0.0998 0.1082 0.1169 0.1259
0.1351 0.1445 0.1543 0.1643 0.1746
0.1851 0.1959 0.2069 0.2183 0.2300
0.2449 0.2639 0.2869 0.3141 0.3453
0.3805 0.4197 0.4602 0.5009 0.5419
0.5831 0.6246 0.6665 0.7085 0.7509
0.7946 0.8398 0.8870 0.9385 1.0000
Hrad:
0.0387 0.0961 0.1602 0.2187 0.2726
0.3229 0.3703 0.4152 0.4581 0.4993
0.5390 0.5775 0.6149 0.6513 0.6869
0.7218 0.7560 0.7896 0.8228 0.8554
0.8877 0.9195 0.9511 0.9823 1.0132
1.0439 1.0743 1.1045 1.1346 1.0899
0.9315 0.8383 0.7826 0.7504 0.7340
0.7286 0.7490 0.8155 0.8815 0.9471
1.0123 1.0770 1.1414 1.2054 1.2689
1.3298 1.3878 1.4041 1.3771 1.0000
Width:
0.0401 0.0582 0.0618 0.0653 0.0689
0.0725 0.0761 0.0797 0.0833 0.0868
0.0904 0.0940 0.0976 0.1012 0.1048
0.1083 0.1119 0.1155 0.1191 0.1227
0.1262 0.1298 0.1334 0.1370 0.1406
0.1442 0.1477 0.1513 0.1549 0.1737
0.2288 0.2839 0.3390 0.3941 0.4492
0.5043 0.5447 0.5484 0.5521 0.5558
0.5595 0.5632 0.5669 0.5706 0.5788
0.6008 0.6229 0.6634 0.7267 1.0000

Transect 13B-S36
Area:
0.0022 0.0080 0.0142 0.0207 0.0275
0.0346 0.0419 0.0495 0.0574 0.0656
0.0740 0.0828 0.0918 0.1011 0.1106
0.1205 0.1306 0.1410 0.1516 0.1626
0.1738 0.1854 0.1992 0.2157 0.2350
0.2571 0.2820 0.3096 0.3393 0.3693
0.3995 0.4298 0.4602 0.4908 0.5215
0.5524 0.5834 0.6146 0.6459 0.6774
0.7090 0.7407 0.7726 0.8047 0.8369
0.8692 0.9017 0.9343 0.9671 1.0000
Hrad:
0.0214 0.0550 0.0912 0.1245 0.1552
0.1840 0.2110 0.2366 0.2609 0.2842
0.3066 0.3282 0.3491 0.3694 0.3891
0.4083 0.4271 0.4454 0.4635 0.4812
0.4986 0.4942 0.4518 0.4259 0.4108
0.4032 0.4009 0.4026 0.4269 0.4590
0.4905 0.5215 0.5519 0.5817 0.6111
0.6399 0.6683 0.6962 0.7237 0.7507
0.7773 0.8035 0.8293 0.8548 0.8798
0.9045 0.9289 0.9529 0.9766 1.0000
Width:
0.1359 0.1846 0.1930 0.2014 0.2099
0.2183 0.2267 0.2351 0.2435 0.2519
0.2603 0.2688 0.2772 0.2856 0.2940
0.3024 0.3108 0.3193 0.3277 0.3361
0.3445 0.3748 0.4590 0.5431 0.6273
0.7114 0.7956 0.8797 0.9072 0.9116
0.9161 0.9205 0.9249 0.9293 0.9337
0.9381 0.9426 0.9470 0.9514 0.9558
0.9602 0.9647 0.9691 0.9735 0.9779
0.9823 0.9867 0.9912 0.9956 1.0000

Transect 13B-S37
Area:
0.0063 0.0131 0.0205 0.0284 0.0369
0.0460 0.0556 0.0658 0.0766 0.0879
0.0998 0.1123 0.1253 0.1389 0.1530
0.1677 0.1830 0.1988 0.2152 0.2322
0.2497 0.2678 0.2865 0.3057 0.3255
0.3458 0.3667 0.3882 0.4103 0.4329
0.4560 0.4798 0.5041 0.5289 0.5544
0.5803 0.6069 0.6340 0.6617 0.6899
0.7187 0.7481 0.7780 0.8085 0.8396
0.8711 0.9028 0.9349 0.9673 1.0000
Hrad:
0.0346 0.0659 0.0947 0.1216 0.1470
0.1711 0.1943 0.2166 0.2382 0.2593
0.2799 0.3000 0.3198 0.3392 0.3584
0.3773 0.3960 0.4146 0.4329 0.4511
0.4691 0.4870 0.5048 0.5225 0.5401
0.5576 0.5750 0.5924 0.6097 0.6269
0.6440 0.6611 0.6782 0.6952 0.7122
0.7291 0.7460 0.7628 0.7796 0.7964
0.8132 0.8299 0.8466 0.8633 0.8807
0.9049 0.9289 0.9527 0.9764 1.0000
Width:
0.1990 0.2162 0.2333 0.2505 0.2677
0.2848 0.3020 0.3192 0.3363 0.3535
0.3707 0.3878 0.4050 0.4222 0.4393
0.4565 0.4737 0.4908 0.5080 0.5252
0.5424 0.5595 0.5767 0.5939 0.6110
0.6282 0.6454 0.6625 0.6797 0.6969
0.7140 0.7312 0.7484 0.7655 0.7827
0.7999 0.8170 0.8342 0.8514 0.8686
0.8857 0.9029 0.9201 0.9372 0.9536
0.9629 0.9722 0.9814 0.9907 1.0000

Transect 13B-S38
Area:
0.0008 0.0032 0.0071 0.0127 0.0198
0.0285 0.0379 0.0477 0.0578 0.0683
0.0791 0.0903 0.1018 0.1136 0.1259
0.1384 0.1513 0.1646 0.1782 0.1921
0.2064 0.2211 0.2361 0.2514 0.2671
0.2831 0.2995 0.3162 0.3333 0.3507
0.3685 0.3866 0.4051 0.4239 0.4431
0.4627 0.4839 0.5066 0.5310 0.5569
0.5845 0.6137 0.6462 0.6833 0.7252
0.7717 0.8228 0.8786 0.9385 1.0000
Hrad:
0.0334 0.0667 0.1001 0.1335 0.1669
0.2042 0.2555 0.3033 0.3480 0.3902
0.4301 0.4682 0.5047 0.5397 0.5735
0.6062 0.6378 0.6686 0.6987 0.7280
0.7566 0.7847 0.8123 0.8394 0.8661
0.8923 0.9182 0.9438 0.9690 0.9940
1.0187 1.0431 1.0673 1.0913 1.1151
1.1176 1.1045 1.0963 1.0921 1.0915
1.0940 1.0943 1.0361 0.9954 0.9677
0.9501 0.9403 0.9368 0.9610 1.0000
Width:
0.0254 0.0508 0.0763 0.1017 0.1271
0.1487 0.1543 0.1599 0.1654 0.1710
0.1766 0.1822 0.1878 0.1933 0.1989
0.2045 0.2101 0.2157 0.2212 0.2268
0.2324 0.2380 0.2436 0.2491 0.2547
0.2603 0.2659 0.2715 0.2770 0.2826
0.2882 0.2938 0.2994 0.3049 0.3105
0.3266 0.3524 0.3782 0.4040 0.4299
0.4557 0.4847 0.5595 0.6343 0.7092
0.7840 0.8588 0.9337 0.9768 1.0000

Transect 13B-S39
Area:
0.0008 0.0032 0.0071 0.0127 0.0198
0.0285 0.0379 0.0477 0.0578 0.0683
0.0791 0.0903 0.1018 0.1136 0.1259
0.1384 0.1513 0.1646 0.1782 0.1921
0.2064 0.2211 0.2361 0.2514 0.2671
0.2831 0.2995 0.3162 0.3333 0.3507
0.3685 0.3866 0.4051 0.4239 0.4431
0.4627 0.4839 0.5066 0.5310 0.5569
0.5845 0.6137 0.6462 0.6833 0.7252
0.7717 0.8228 0.8786 0.9385 1.0000
Hrad:
0.0334 0.0667 0.1001 0.1335 0.1669
0.2042 0.2555 0.3033 0.3480 0.3902
0.4301 0.4682 0.5047 0.5397 0.5735
0.6062 0.6378 0.6686 0.6987 0.7280
0.7566 0.7847 0.8123 0.8394 0.8661
0.8923 0.9182 0.9438 0.9690 0.9940
1.0187 1.0431 1.0673 1.0913 1.1151
1.1176 1.1045 1.0963 1.0921 1.0915
1.0940 1.0943 1.0361 0.9954 0.9677
0.9501 0.9403 0.9368 0.9610 1.0000
Width:
0.0254 0.0508 0.0763 0.1017 0.1271
0.1487 0.1543 0.1599 0.1654 0.1710
0.1766 0.1822 0.1878 0.1933 0.1989
0.2045 0.2101 0.2157 0.2212 0.2268
0.2324 0.2380 0.2436 0.2491 0.2547
0.2603 0.2659 0.2715 0.2770 0.2826

0.2882 0.2938 0.2994 0.3049 0.3105
0.3266 0.3524 0.3782 0.4040 0.4299
0.4557 0.4847 0.5595 0.6343 0.7092
0.7840 0.8588 0.9337 0.9768 1.0000

Transect 13B-S40
Area:
0.0016 0.0064 0.0142 0.0233 0.0328
0.0430 0.0536 0.0648 0.0766 0.0889
0.1017 0.1150 0.1290 0.1434 0.1584
0.1739 0.1900 0.2066 0.2237 0.2414
0.2596 0.2784 0.2977 0.3176 0.3379
0.3589 0.3803 0.4024 0.4249 0.4480
0.4716 0.4958 0.5205 0.5458 0.5715
0.5979 0.6247 0.6521 0.6799 0.7079
0.7361 0.7645 0.7931 0.8220 0.8511
0.8804 0.9100 0.9398 0.9698 1.0000
Hrad:
0.0177 0.0355 0.0573 0.0871 0.1150
0.1412 0.1660 0.1898 0.2125 0.2345
0.2557 0.2764 0.2965 0.3162 0.3354
0.3543 0.3728 0.3911 0.4091 0.4269
0.4445 0.4619 0.4791 0.4961 0.5130
0.5298 0.5464 0.5630 0.5794 0.5957
0.6120 0.6281 0.6442 0.6602 0.6761
0.6920 0.7078 0.7249 0.7488 0.7725
0.7960 0.8193 0.8425 0.8655 0.8883
0.9109 0.9334 0.9558 0.9780 1.0000
Width:
0.1050 0.2100 0.2891 0.3069 0.3247
0.3425 0.3603 0.3781 0.3959 0.4137
0.4315 0.4493 0.4671 0.4849 0.5027
0.5205 0.5383 0.5561 0.5739 0.5917
0.6096 0.6274 0.6452 0.6630 0.6808
0.6986 0.7164 0.7342 0.7520 0.7698
0.7876 0.8054 0.8232 0.8410 0.8588
0.8766 0.8944 0.9105 0.9180 0.9255
0.9329 0.9404 0.9478 0.9553 0.9627
0.9702 0.9776 0.9851 0.9925 1.0000

Transect 13B-S41
Area:
0.0018 0.0073 0.0162 0.0260 0.0364
0.0473 0.0588 0.0707 0.0831 0.0961
0.1096 0.1236 0.1381 0.1531 0.1687
0.1847 0.2013 0.2184 0.2360 0.2542
0.2728 0.2920 0.3116 0.3318 0.3525
0.3738 0.3955 0.4178 0.4405 0.4638
0.4876 0.5119 0.5368 0.5621 0.5880
0.6141 0.6404 0.6669 0.6936 0.7204
0.7475 0.7748 0.8023 0.8299 0.8578
0.8858 0.9141 0.9425 0.9712 1.0000
Hrad:
0.0181 0.0362 0.0606 0.0917 0.1209
0.1485 0.1749 0.2001 0.2244 0.2478
0.2706 0.2926 0.3142 0.3352 0.3558
0.3759 0.3958 0.4153 0.4345 0.4535
0.4722 0.4907 0.5090 0.5271 0.5450
0.5628 0.5804 0.5979 0.6153 0.6326
0.6497 0.6668 0.6838 0.7007 0.7191
0.7401 0.7606 0.7808 0.8006 0.8202
0.8394 0.8583 0.8769 0.8952 0.9133
0.9311 0.9487 0.9660 0.9831 1.0000
Width:
0.1265 0.2531 0.3322 0.3501 0.3679
0.3857 0.4036 0.4214 0.4393 0.4571
0.4749 0.4928 0.5106 0.5285 0.5463
0.5641 0.5820 0.5998 0.6176 0.6355
0.6533 0.6712 0.6890 0.7068 0.7247
0.7425 0.7604 0.7782 0.7960 0.8139
0.8317 0.8496 0.8674 0.8852 0.8988
0.9056 0.9123 0.9190 0.9258 0.9325
0.9393 0.9460 0.9528 0.9595 0.9663
0.9730 0.9798 0.9865 0.9933 1.0000

Transect 13B-S42
Area:
0.0021 0.0086 0.0173 0.0265 0.0362
0.0465 0.0572 0.0685 0.0803 0.0927
0.1055 0.1189 0.1328 0.1472 0.1621
0.1775 0.1935 0.2100 0.2270 0.2445
0.2626 0.2811 0.3002 0.3198 0.3399
0.3606 0.3817 0.4034 0.4256 0.4483
0.4716 0.4953 0.5196 0.5444 0.5697
0.5956 0.6219 0.6488 0.6762 0.7041
0.7322 0.7607 0.7895 0.8187 0.8481
0.8778 0.9079 0.9383 0.9690 1.0000
Hrad:
0.0179 0.0364 0.0686 0.0986 0.1270
0.1540 0.1799 0.2047 0.2286 0.2518
0.2744 0.2964 0.3179 0.3389 0.3596
0.3799 0.3998 0.4195 0.4390 0.4582
0.4772 0.4960 0.5146 0.5330 0.5514
0.5695 0.5876 0.6055 0.6233 0.6410
0.6586 0.6762 0.6936 0.7110 0.7283
0.7455 0.7627 0.7798 0.7969 0.8159
0.8353 0.8544 0.8733 0.8920 0.9105
0.9288 0.9468 0.9647 0.9825 1.0000
Width:
0.1376 0.2705 0.2872 0.3039 0.3205
0.3372 0.3539 0.3705 0.3872 0.4039
0.4205 0.4372 0.4539 0.4706 0.4872
0.5039 0.5206 0.5372 0.5539 0.5706
0.5872 0.6039 0.6206 0.6373 0.6539
0.6706 0.6873 0.7039 0.7206 0.7373
0.7539 0.7706 0.7873 0.8040 0.8206
0.8373 0.8540 0.8706 0.8873 0.8988
0.9090 0.9191 0.9292 0.9393 0.9494
0.9595 0.9697 0.9798 0.9899 1.0000

Transect 13B-S43
Area:
0.0011 0.0038 0.0071 0.0108 0.0149
0.0195 0.0246 0.0301 0.0362 0.0426
0.0496 0.0570 0.0648 0.0732 0.0827
0.0942 0.1078 0.1235 0.1412 0.1610
0.1828 0.2067 0.2315 0.2565 0.2818
0.3074 0.3332 0.3592 0.3855 0.4120
0.4388 0.4658 0.4931 0.5206 0.5483
0.5763 0.6046 0.6330 0.6618 0.6908
0.7200 0.7495 0.7793 0.8095 0.8401
0.8709 0.9022 0.9337 0.9657 1.0000
Hrad:
0.0194 0.0489 0.0763 0.1008 0.1235
0.1449 0.1654 0.1852 0.2046 0.2235
0.2420 0.2604 0.2785 0.2964 0.2780
0.2689 0.2674 0.2707 0.2773 0.2863
0.2972 0.3118 0.3434 0.3744 0.4047
0.4344 0.4636 0.4922 0.5202 0.5478
0.5748 0.6014 0.6276 0.6533 0.6787
0.7036 0.7282 0.7524 0.7762 0.7997
0.8230 0.8442 0.8648 0.8851 0.9053
0.9252 0.9449 0.9645 0.9838 1.0000
Width:
0.0516 0.0694 0.0802 0.0909 0.1017
0.1125 0.1233 0.1341 0.1449 0.1557
0.1664 0.1772 0.1880 0.1988 0.2442
0.2919 0.3396 0.3873 0.4350 0.4827
0.5304 0.5729 0.5786 0.5843 0.5900
0.5957 0.6014 0.6070 0.6127 0.6184
0.6241 0.6298 0.6355 0.6412 0.6469
0.6526 0.6583 0.6640 0.6697 0.6754
0.6811 0.6886 0.6966 0.7046 0.7127
0.7207 0.7287 0.7367 0.7448 1.0000

Transect 13B-S44
Area:
0.0012 0.0047 0.0094 0.0144 0.0198
0.0254 0.0313 0.0375 0.0439 0.0507
0.0578 0.0651 0.0727 0.0806 0.0888
0.0973 0.1061 0.1152 0.1245 0.1342
0.1441 0.1543 0.1649 0.1757 0.1867
0.1983 0.2122 0.2295 0.2501 0.2740
0.3013 0.3316 0.3631 0.3953 0.4281
0.4616 0.4957 0.5305 0.5660 0.6021
0.6389 0.6764 0.7145 0.7533 0.7927
0.8329 0.8737 0.9151 0.9572 1.0000
Hrad:
0.0223 0.0451 0.0845 0.1211 0.1553
0.1876 0.2182 0.2476 0.2758 0.3030
0.3294 0.3550 0.3800 0.4044 0.4284
0.4518 0.4749 0.4977 0.5201 0.5422
0.5641 0.5858 0.6072 0.6284 0.6494
0.6298 0.5500 0.4989 0.4682 0.4505
0.4415 0.4533 0.4864 0.5191 0.5514
0.5833 0.6149 0.6461 0.6770 0.7076

0.7379 0.7680 0.7977 0.8273 0.8566
0.8857 0.9146 0.9432 0.9717 1.0000
Width:
0.0540 0.1068 0.1134 0.1201 0.1268
0.1335 0.1402 0.1469 0.1535 0.1602
0.1669 0.1736 0.1803 0.1870 0.1937
0.2003 0.2070 0.2137 0.2204 0.2271
0.2338 0.2404 0.2471 0.2538 0.2605
0.2877 0.3617 0.4391 0.5164 0.5938
0.6712 0.7224 0.7379 0.7533 0.7687
0.7841 0.7995 0.8150 0.8304 0.8458
0.8612 0.8766 0.8921 0.9075 0.9229
0.9383 0.9537 0.9692 0.9846 1.0000

Transect 13B-S45
Area:
0.0014 0.0058 0.0130 0.0229 0.0339
0.0453 0.0572 0.0695 0.0823 0.0956
0.1093 0.1235 0.1382 0.1533 0.1688
0.1849 0.2014 0.2183 0.2357 0.2536
0.2720 0.2908 0.3100 0.3298 0.3499
0.3706 0.3917 0.4133 0.4353 0.4578
0.4807 0.5042 0.5280 0.5524 0.5772
0.6024 0.6282 0.6543 0.6810 0.7081
0.7356 0.7637 0.7922 0.8211 0.8504
0.8799 0.9097 0.9396 0.9697 1.0000
Hrad:
0.0164 0.0328 0.0492 0.0699 0.0986
0.1261 0.1525 0.1780 0.2026 0.2265
0.2497 0.2724 0.2945 0.3161 0.3373
0.3581 0.3785 0.3986 0.4184 0.4379
0.4571 0.4762 0.4950 0.5136 0.5320
0.5502 0.5683 0.5862 0.6040 0.6217
0.6392 0.6566 0.6739 0.6911 0.7082
0.7252 0.7421 0.7589 0.7757 0.7924
0.8090 0.8255 0.8420 0.8585 0.8816
0.9056 0.9294 0.9531 0.9766 1.0000
Width:
0.0946 0.1892 0.2839 0.3528 0.3679
0.3831 0.3983 0.4134 0.4286 0.4437
0.4589 0.4741 0.4892 0.5044 0.5196
0.5347 0.5499 0.5650 0.5802 0.5954
0.6105 0.6257 0.6409 0.6560 0.6712
0.6864 0.7015 0.7167 0.7318 0.7470
0.7622 0.7773 0.7925 0.8077 0.8228
0.8380 0.8531 0.8683 0.8835 0.8986
0.9138 0.9290 0.9441 0.9593 0.9669
0.9735 0.9801 0.9868 0.9934 1.0000

Transect 13B-S46
Area:
0.0029 0.0106 0.0194 0.0287 0.0385
0.0489 0.0597 0.0712 0.0831 0.0956
0.1086 0.1222 0.1363 0.1509 0.1660
0.1817 0.1979 0.2147 0.2320 0.2498
0.2681 0.2870 0.3064 0.3264 0.3469
0.3679 0.3894 0.4115 0.4341 0.4573
0.4809 0.5051 0.5299 0.5552 0.5810
0.6073 0.6339 0.6608 0.6878 0.7151
0.7426 0.7703 0.7983 0.8264 0.8548
0.8834 0.9122 0.9413 0.9705 1.0000
Hrad:
0.0171 0.0425 0.0725 0.1007 0.1274
0.1528 0.1772 0.2008 0.2235 0.2456
0.2671 0.2881 0.3086 0.3287 0.3485
0.3680 0.3872 0.4061 0.4248 0.4433
0.4616 0.4797 0.4977 0.5155 0.5332
0.5507 0.5682 0.5855 0.6027 0.6199
0.6369 0.6539 0.6708 0.6876 0.7044
0.7226 0.7442 0.7654 0.7864 0.8071
0.8275 0.8476 0.8675 0.8871 0.9065
0.9256 0.9445 0.9632 0.9817 1.0000
Width:
0.1938 0.2871 0.3051 0.3231 0.3411
0.3591 0.3771 0.3952 0.4132 0.4312
0.4492 0.4672 0.4852 0.5032 0.5212
0.5392 0.5572 0.5752 0.5932 0.6113
0.6293 0.6473 0.6653 0.6833 0.7013
0.7193 0.7373 0.7553 0.7733 0.7913
0.8094 0.8274 0.8454 0.8634 0.8814
0.8964 0.9038 0.9112 0.9186 0.9260
0.9334 0.9408 0.9482 0.9556 0.9630
0.9704 0.9778 0.9852 0.9926 1.0000

Transect 13B-S47
Area:
0.0049 0.0134 0.0225 0.0323 0.0427
0.0537 0.0653 0.0776 0.0904 0.1039
0.1181 0.1328 0.1481 0.1641 0.1807
0.1979 0.2158 0.2343 0.2533 0.2730
0.2934 0.3143 0.3359 0.3581 0.3806
0.4033 0.4261 0.4492 0.4724 0.4958
0.5193 0.5430 0.5669 0.5910 0.6153
0.6397 0.6643 0.6891 0.7140 0.7392
0.7645 0.7899 0.8156 0.8414 0.8674
0.8936 0.9199 0.9464 0.9731 1.0000
Hrad:
0.0177 0.0448 0.0700 0.0936 0.1159
0.1371 0.1575 0.1771 0.1962 0.2146
0.2327 0.2503 0.2676 0.2845 0.3012
0.3177 0.3339 0.3500 0.3658 0.3815
0.3971 0.4125 0.4278 0.4447 0.4683
0.4917 0.5148 0.5378 0.5605 0.5831
0.6055 0.6277 0.6497 0.6715 0.6931
0.7146 0.7360 0.7571 0.7781 0.7990
0.8197 0.8403 0.8607 0.8810 0.9011
0.9212 0.9411 0.9608 0.9805 1.0000
Width:
0.3045 0.3276 0.3506 0.3737 0.3967
0.4198 0.4429 0.4659 0.4890 0.5120
0.5351 0.5582 0.5812 0.6043 0.6273
0.6504 0.6734 0.6965 0.7196 0.7426
0.7657 0.7887 0.8118 0.8317 0.8382
0.8446 0.8511 0.8576 0.8641 0.8705
0.8770 0.8835 0.8900 0.8964 0.9029
0.9094 0.9159 0.9223 0.9288 0.9353
0.9417 0.9482 0.9547 0.9612 0.9676
0.9741 0.9806 0.9871 0.9935 1.0000

Transect 13B-S48
Area:
0.0009 0.0038 0.0085 0.0151 0.0236
0.0340 0.0457 0.0579 0.0705 0.0837
0.0973 0.1114 0.1260 0.1411 0.1567
0.1728 0.1893 0.2064 0.2239 0.2419
0.2605 0.2795 0.2989 0.3189 0.3394
0.3604 0.3818 0.4037 0.4262 0.4491
0.4725 0.4964 0.5207 0.5456 0.5710
0.5968 0.6231 0.6500 0.6773 0.7051
0.7334 0.7621 0.7914 0.8207 0.8503
0.8799 0.9097 0.9397 0.9698 1.0000
Hrad:
0.0169 0.0337 0.0506 0.0674 0.0843
0.1011 0.1284 0.1552 0.1809 0.2057
0.2297 0.2529 0.2755 0.2975 0.3190
0.3400 0.3606 0.3808 0.4007 0.4202
0.4395 0.4585 0.4772 0.4957 0.5140
0.5321 0.5501 0.5678 0.5854 0.6029
0.6203 0.6375 0.6546 0.6715 0.6884
0.7052 0.7219 0.7385 0.7550 0.7715
0.7879 0.8042 0.8257 0.8511 0.8763
0.9014 0.9263 0.9510 0.9756 1.0000
Width:
0.0624 0.1248 0.1872 0.2496 0.3120
0.3744 0.3933 0.4094 0.4255 0.4417
0.4578 0.4739 0.4900 0.5062 0.5223
0.5384 0.5545 0.5707 0.5868 0.6029
0.6190 0.6352 0.6513 0.6674 0.6835
0.6997 0.7158 0.7319 0.7480 0.7642
0.7803 0.7964 0.8125 0.8287 0.8448
0.8609 0.8770 0.8932 0.9093 0.9254
0.9415 0.9577 0.9672 0.9719 0.9766
0.9813 0.9859 0.9906 0.9953 1.0000

Transect 13B-S49
Area:
0.0008 0.0032 0.0071 0.0127 0.0198
0.0285 0.0379 0.0477 0.0578 0.0683
0.0791 0.0903 0.1018 0.1136 0.1259
0.1384 0.1513 0.1646 0.1782 0.1921
0.2064 0.2211 0.2361 0.2514 0.2671
0.2831 0.2995 0.3162 0.3333 0.3507
0.3685 0.3866 0.4051 0.4239 0.4431
0.4627 0.4839 0.5066 0.5310 0.5569
0.5845 0.6137 0.6462 0.6833 0.7252
0.7717 0.8228 0.8786 0.9385 1.0000

Hrad:

0.0334	0.0667	0.1001	0.1335	0.1669
0.2042	0.2555	0.3033	0.3480	0.3902
0.4301	0.4682	0.5047	0.5397	0.5735
0.6062	0.6378	0.6686	0.6987	0.7280
0.7566	0.7847	0.8123	0.8394	0.8661
0.8923	0.9182	0.9438	0.9690	0.9940
1.0187	1.0431	1.0673	1.0913	1.1151
1.1176	1.1045	1.0963	1.0921	1.0915
1.0940	1.0943	1.0361	0.9954	0.9677
0.9501	0.9403	0.9368	0.9610	1.0000

Width:

0.0254	0.0508	0.0763	0.1017	0.1271
0.1487	0.1543	0.1599	0.1654	0.1710
0.1766	0.1822	0.1878	0.1933	0.1989
0.2045	0.2101	0.2157	0.2212	0.2268
0.2324	0.2380	0.2436	0.2491	0.2547
0.2603	0.2659	0.2715	0.2770	0.2826
0.2882	0.2938	0.2994	0.3049	0.3105
0.3266	0.3524	0.3782	0.4040	0.4299
0.4557	0.4847	0.5595	0.6343	0.7092
0.7840	0.8588	0.9337	0.9768	1.0000

Transect 13B-S50

Area:

0.0007	0.0026	0.0059	0.0104	0.0163
0.0235	0.0320	0.0418	0.0529	0.0649
0.0776	0.0909	0.1047	0.1192	0.1343
0.1501	0.1664	0.1833	0.2009	0.2191
0.2379	0.2573	0.2773	0.2979	0.3191
0.3410	0.3634	0.3865	0.4102	0.4345
0.4592	0.4842	0.5097	0.5355	0.5617
0.5882	0.6152	0.6425	0.6702	0.6983
0.7268	0.7556	0.7848	0.8144	0.8444
0.8748	0.9055	0.9366	0.9681	1.0000

Hrad:

0.0188	0.0376	0.0564	0.0752	0.0940
0.1128	0.1316	0.1504	0.1695	0.1966
0.2227	0.2478	0.2722	0.2959	0.3190
0.3416	0.3638	0.3855	0.4069	0.4280
0.4488	0.4693	0.4896	0.5096	0.5295
0.5492	0.5688	0.5882	0.6074	0.6278
0.6490	0.6699	0.6904	0.7105	0.7303
0.7499	0.7691	0.7881	0.8069	0.8254
0.8437	0.8618	0.8796	0.8973	0.9148
0.9322	0.9494	0.9664	0.9833	1.0000

Width:

0.0407	0.0815	0.1222	0.1629	0.2037
0.2444	0.2851	0.3259	0.3660	0.3852
0.4043	0.4234	0.4425	0.4616	0.4807
0.4999	0.5190	0.5381	0.5572	0.5763
0.5954	0.6146	0.6337	0.6528	0.6719
0.6910	0.7101	0.7293	0.7484	0.7638
0.7756	0.7874	0.7992	0.8110	0.8228
0.8346	0.8464	0.8583	0.8701	0.8819
0.8937	0.9055	0.9173	0.9291	0.9409
0.9528	0.9646	0.9764	0.9882	1.0000

Transect 13B-S51

Area:

0.0007	0.0026	0.0059	0.0104	0.0163
0.0235	0.0320	0.0418	0.0529	0.0649
0.0776	0.0909	0.1047	0.1192	0.1343
0.1501	0.1664	0.1833	0.2009	0.2191
0.2379	0.2573	0.2773	0.2979	0.3191
0.3410	0.3634	0.3865	0.4102	0.4345
0.4592	0.4842	0.5097	0.5355	0.5617
0.5882	0.6152	0.6425	0.6702	0.6983
0.7268	0.7556	0.7848	0.8144	0.8444
0.8748	0.9055	0.9366	0.9681	1.0000

Hrad:

0.0188	0.0376	0.0564	0.0752	0.0940
0.1128	0.1316	0.1504	0.1695	0.1966
0.2227	0.2478	0.2722	0.2959	0.3190
0.3416	0.3638	0.3855	0.4069	0.4280
0.4488	0.4693	0.4896	0.5096	0.5295
0.5492	0.5688	0.5882	0.6074	0.6278
0.6490	0.6699	0.6904	0.7105	0.7303
0.7499	0.7691	0.7881	0.8069	0.8254
0.8437	0.8618	0.8796	0.8973	0.9148
0.9322	0.9494	0.9664	0.9833	1.0000

Width:

0.0407	0.0815	0.1222	0.1629	0.2037
0.2444	0.2851	0.3259	0.3660	0.3852
0.4043	0.4234	0.4425	0.4616	0.4807
0.4999	0.5190	0.5381	0.5572	0.5763
0.5954	0.6146	0.6337	0.6528	0.6719
0.6910	0.7101	0.7293	0.7484	0.7638
0.7756	0.7874	0.7992	0.8110	0.8228
0.8346	0.8464	0.8583	0.8701	0.8819
0.8937	0.9055	0.9173	0.9291	0.9409
0.9528	0.9646	0.9764	0.9882	1.0000

Transect 13B-S52

Area:

0.0005	0.0022	0.0049	0.0087	0.0128
0.0171	0.0217	0.0265	0.0316	0.0370
0.0426	0.0484	0.0545	0.0608	0.0674
0.0743	0.0814	0.0887	0.0963	0.1042
0.1123	0.1206	0.1292	0.1381	0.1472
0.1566	0.1662	0.1760	0.1861	0.1965
0.2071	0.2209	0.2409	0.2671	0.2994
0.3379	0.3796	0.4214	0.4638	0.5073
0.5518	0.5974	0.6441	0.6917	0.7405
0.7903	0.8411	0.8930	0.9460	1.0000

Hrad:

0.0277	0.0554	0.0831	0.1197	0.1624
0.2017	0.2385	0.2732	0.3062	0.3377
0.3680	0.3973	0.4258	0.4535	0.4805
0.5070	0.5329	0.5584	0.5836	0.6084
0.6328	0.6570	0.6810	0.7047	0.7281
0.7515	0.7746	0.7976	0.8204	0.8431
0.8656	0.6380	0.5315	0.4767	0.4487
0.4364	0.4881	0.5395	0.5803	0.6205
0.6602	0.6995	0.7383	0.7768	0.8148
0.8525	0.8898	0.9269	0.9636	1.0000

Width:

0.0201	0.0402	0.0603	0.0727	0.0773
0.0819	0.0865	0.0911	0.0957	0.1003
0.1049	0.1095	0.1141	0.1187	0.1233
0.1279	0.1325	0.1370	0.1416	0.1462
0.1508	0.1554	0.1600	0.1646	0.1692
0.1738	0.1784	0.1830	0.1876	0.1922
0.1968	0.3100	0.4232	0.5363	0.6495
0.7627	0.7655	0.7683	0.7876	0.8069
0.8263	0.8456	0.8649	0.8842	0.9035
0.9228	0.9421	0.9614	0.9807	1.0000

Transect 13B-S53

Area:

0.0032	0.0122	0.0225	0.0333	0.0445
0.0562	0.0684	0.0810	0.0941	0.1077
0.1218	0.1364	0.1514	0.1669	0.1828
0.1993	0.2162	0.2336	0.2515	0.2698
0.2886	0.3079	0.3277	0.3479	0.3686
0.3898	0.4114	0.4336	0.4562	0.4793
0.5028	0.5268	0.5510	0.5755	0.6002
0.6252	0.6504	0.6758	0.7015	0.7274
0.7536	0.7800	0.8066	0.8335	0.8607
0.8881	0.9157	0.9435	0.9717	1.0000

Hrad:

0.0215	0.0519	0.0892	0.1236	0.1557
0.1858	0.2142	0.2413	0.2671	0.2919
0.3157	0.3388	0.3612	0.3829	0.4041
0.4248	0.4451	0.4649	0.4844	0.5036
0.5225	0.5411	0.5594	0.5775	0.5954
0.6132	0.6307	0.6481	0.6653	0.6824
0.6993	0.7173	0.7356	0.7534	0.7708
0.7880	0.8047	0.8212	0.8374	0.8533
0.8690	0.8844	0.8996	0.9145	0.9292
0.9438	0.9581	0.9722	0.9862	1.0000

Width:

0.2274	0.3527	0.3693	0.3860	0.4026
0.4193	0.4359	0.4526	0.4692	0.4859
0.5026	0.5192	0.5359	0.5525	0.5692
0.5858	0.6025	0.6191	0.6358	0.6525
0.6691	0.6858	0.7024	0.7191	0.7357
0.7524	0.7690	0.7857	0.8024	0.8190
0.8357	0.8467	0.8552	0.8638	0.8723
0.8808	0.8893	0.8978	0.9063	0.9149
0.9234	0.9319	0.9404	0.9489	0.9574
0.9659	0.9745	0.9830	0.9915	1.0000

Transect 13B-S54

Area:

0.0004	0.0017	0.0038	0.0068	0.0106

0.0153	0.0208	0.0271	0.0343	0.0424
0.0513	0.0610	0.0716	0.0828	0.0942
0.1059	0.1178	0.1300	0.1424	0.1550
0.1679	0.1811	0.1945	0.2094	0.2265
0.2457	0.2671	0.2906	0.3163	0.3441
0.3741	0.4060	0.4382	0.4706	0.5030
0.5355	0.5682	0.6009	0.6336	0.6665
0.6995	0.7325	0.7656	0.7989	0.8322
0.8656	0.8990	0.9326	0.9663	1.0000

Hrad:

0.0180	0.0359	0.0539	0.0718	0.0898
0.1078	0.1257	0.1437	0.1616	0.1796
0.1975	0.2155	0.2335	0.2624	0.2912
0.3193	0.3468	0.3738	0.4002	0.4262
0.4516	0.4767	0.4902	0.4593	0.4397
0.4278	0.4216	0.4195	0.4207	0.4243
0.4299	0.4493	0.4821	0.5147	0.5470
0.5790	0.6107	0.6421	0.6733	0.7042
0.7349	0.7653	0.7955	0.8254	0.8551
0.8845	0.9137	0.9427	0.9715	1.0000

Width:

0.0251	0.0502	0.0753	0.1004	0.1255
0.1506	0.1757	0.2008	0.2259	0.2510
0.2761	0.3012	0.3263	0.3343	0.3416
0.3489	0.3562	0.3635	0.3708	0.3781
0.3854	0.3927	0.4098	0.4735	0.5372
0.6008	0.6645	0.7282	0.7919	0.8556
0.9193	0.9537	0.9563	0.9589	0.9614
0.9640	0.9666	0.9692	0.9717	0.9743
0.9769	0.9794	0.9820	0.9846	0.9871
0.9897	0.9923	0.9949	0.9974	1.0000

WARNING 01: wet weather time step reduced to recording interval for Rain Gage Chiusi

Runoff Quantity Continuity	Volume hectare-m	Depth mm
Total Precipitation	4.029	27.760
Evaporation Loss	0.000	0.000
Infiltration Loss	2.791	19.233
Surface Runoff	0.752	5.185
Final Surface Storage	0.485	3.342
Continuity Error (%)	-0.000	

Flow Routing Continuity	Volume hectare-m	Volume 10^6 ltr
Dry Weather Inflow	0.000	0.000
Wet Weather Inflow	0.753	7.525
Groundwater Inflow	0.000	0.000
RDII Inflow	0.000	0.000
External Inflow	0.090	0.902
External Outflow	0.750	7.498
Internal Outflow	0.032	0.322
Evaporation Loss	0.000	0.000
Initial Stored Volume	0.019	0.185
Final Stored Volume	0.081	0.809
Continuity Error (%)	-0.178	

Highest Continuity Errors

Node 13B-N080 (84.68%)
Node 13B-N105 (26.61%)
Node 13A-N128 (10.08%)
Node 13A-N138 (7.21%)
Node 13A-N058 (6.99%)

Time-Step Critical Elements

Link 13B-C107 (5.73%)
Link 13A-C217 (5.20%)
Link 13A-C214 (4.88%)
Link 13B-C117 (4.06%)
Link 13B-C077 (2.99%)

Highest Flow Instability Indexes

All links are stable.

Routing Time Step Summary

Minimum Time Step	:	0.50 sec
Average Time Step	:	0.87 sec
Maximum Time Step	:	1.00 sec
Percent in Steady State	:	0.00
Average Iterations per Step	:	2.00

Subcatchment Runoff Summary

Subcatchment	Total Precip mm	Total Runon mm	Total Evap mm	Total Infil mm	Total Runoff mm	Total Runoff 10^6 ltr	Peak Runoff LPS	Runoff Coeff
13A-S001	27.760	31.484	0.000	7.348	46.673	0.103	111.493	0.788
13A-S002	27.760	0.000	0.000	25.218	1.188	0.011	15.583	0.043
13A-S003	27.760	0.000	0.000	10.577	14.274	0.425	528.342	0.514
13A-S004	27.760	0.000	0.000	25.226	1.188	0.020	27.331	0.043
13A-S005	27.760	0.000	0.000	17.764	7.841	0.204	269.583	0.282
13A-S006	27.760	0.000	0.000	7.273	17.309	0.033	40.575	0.624
13A-S07A	27.760	26.829	0.000	8.926	39.169	0.298	316.971	0.718
13A-S07B	27.760	0.000	0.000	7.960	16.631	0.028	37.858	0.599
13A-S07C	27.760	0.000	0.000	7.960	16.630	0.120	154.552	0.599
13A-S008	27.760	0.000	0.000	7.975	16.630	0.012	15.000	0.599
13A-S009	27.760	0.000	0.000	7.975	16.629	0.043	55.000	0.599
13A-S010	27.760	0.000	0.000	7.960	16.630	0.148	190.589	0.599
13A-S011	27.760	70.398	0.000	8.768	84.205	0.211	239.164	0.858
13A-S012	27.760	21.929	0.000	8.146	36.017	0.104	91.077	0.725
13A-S013	27.760	0.000	0.000	7.394	17.186	0.064	69.975	0.619
13A-S014	27.760	0.000	0.000	7.273	17.307	0.054	66.106	0.623
13A-S015	27.760	0.000	0.000	7.534	17.077	0.058	70.935	0.615
13A-S016	27.760	0.000	0.000	15.931	9.504	0.026	34.425	0.342
13A-S017	27.760	0.000	0.000	13.557	11.641	0.068	85.217	0.419
13A-S018	27.760	0.000	0.000	7.291	17.287	0.048	58.702	0.623
13A-S019	27.760	0.000	0.000	14.600	10.690	0.069	86.491	0.385
13A-S020	27.760	0.000	0.000	7.308	17.271	0.092	109.465	0.622
13A-S021	27.760	0.000	0.000	7.342	17.234	0.086	99.578	0.621
13A-S022	27.760	0.000	0.000	9.294	15.441	0.272	339.933	0.556
13A-S023	27.760	0.000	0.000	15.927	9.504	0.135	182.004	0.342
13A-S024	27.760	0.000	0.000	24.115	2.138	0.047	62.636	0.077
13A-S025	27.760	2.873	0.000	19.255	1.332	0.304	394.723	0.043
13A-S026	27.760	0.000	0.000	20.966	4.989	0.360	477.444	0.180
13A-S027	27.760	0.000	0.000	24.412	1.901	0.296	401.322	0.068
13A-S028	27.760	0.000	0.000	7.273	17.305	0.080	97.927	0.623
13A-S029	27.760	0.000	0.000	23.886	2.376	0.019	26.799	0.086
13A-S030	27.760	0.000	0.000	7.360	17.223	0.078	88.598	0.620
13A-S031	27.760	0.000	0.000	7.394	17.192	0.045	49.488	0.619
13A-S032	27.760	0.000	0.000	7.638	16.958	0.037	47.528	0.611
13A-S033	27.760	6.008	0.000	5.895	22.475	0.043	49.885	0.666
13A-S034	27.760	0.000	0.000	10.620	14.257	0.011	15.816	0.514
13A-S035	27.760	0.000	0.000	19.378	6.414	0.006	8.879	0.231
13A-S036	27.760	0.000	0.000	25.254	1.189	0.001	1.161	0.043
13A-S037	27.760	0.000	0.000	23.127	3.089	0.003	4.302	0.111
13A-S38A	27.760	0.000	0.000	22.293	3.801	0.054	72.831	0.137
13A-S38B	27.760	0.000	0.000	22.293	3.802	0.033	45.188	0.137
13A-S039	27.760	5.312	0.000	5.751	21.839	0.138	140.029	0.660
13A-S040	27.760	0.000	0.000	7.360	17.227	0.048	55.398	0.621
13A-S041	27.760	0.000	0.000	7.291	17.288	0.007	8.394	0.623
13A-S042	27.760	0.000	0.000	7.239	17.349	0.045	57.287	0.625
13A-S043	27.760	0.000	0.000	7.601	16.981	0.049	63.933	0.612
13A-S044	27.760	0.000	0.000	7.239	17.358	0.038	48.801	0.625
13A-S045	27.760	0.000	0.000	7.325	17.253	0.176	207.092	0.621
13A-S46A	27.760	0.000	0.000	7.966	16.626	0.198	219.117	0.599
13A-S46B	27.760	28.619	0.000	8.253	42.361	0.080	84.185	0.751
13A-S047	27.760	0.000	0.000	16.450	9.027	0.226	279.514	0.325
13A-S048	27.760	0.000	0.000	23.960	2.429	0.008	5.450	0.087
13A-S049	27.760	0.000	0.000	7.239	17.341	0.080	100.786	0.625
13A-S050	27.760	0.000	0.000	7.273	17.315	0.045	55.815	0.624
13A-S051	27.760	0.000	0.000	7.239	17.350	0.064	81.649	0.625
13A-S052	27.760	0.000	0.000	7.638	16.946	0.095	119.634	0.610
13A-S053	27.760	0.000	0.000	22.553	3.564	0.409	536.726	0.128
13A-S054	27.760	0.000	0.000	7.187	17.403	0.014	18.249	0.627
13B-S001	27.760	0.000	0.000	7.256	17.327	0.052	65.027	0.624
13B-S002	27.760	0.000	0.000	6.897	17.684	0.101	120.918	0.637

13B-S003	27.760	0.000	0.000	7.205	17.392	0.037	47.631	0.627
13B-S004	27.760	0.000	0.000	7.308	17.284	0.166	200.613	0.623
13B-S005	27.760	0.000	0.000	7.222	17.374	0.061	78.519	0.626
13B-S006	27.760	0.000	0.000	7.748	16.843	0.091	100.137	0.607
13B-S007	27.760	0.000	0.000	24.985	1.426	0.012	17.079	0.051
13B-S008	27.760	0.000	0.000	7.748	16.839	0.101	110.378	0.607
13B-S009	27.760	0.000	0.000	7.711	16.881	0.047	55.275	0.608
13B-S010	27.760	0.000	0.000	7.966	16.624	0.283	289.886	0.599
13B-S011	27.760	0.000	0.000	24.145	2.138	0.448	590.039	0.077
13B-S012	27.760	0.000	0.000	9.275	15.440	0.201	242.821	0.556
13B-S013	27.760	0.000	0.000	11.940	13.065	0.265	324.343	0.471
13B-S14A	27.760	1.127	0.000	18.167	2.987	0.032	42.852	0.103
13B-S14B	27.760	0.000	0.000	23.320	2.851	0.015	20.922	0.103
13B-S14C	27.760	0.000	0.000	23.320	2.851	0.271	351.550	0.103
13B-S14D	27.760	0.000	0.000	23.320	2.851	0.025	34.555	0.103
13B-S015	27.760	0.000	0.000	6.864	17.725	0.043	52.589	0.639
13B-S016	27.760	0.000	0.000	7.205	17.385	0.019	24.857	0.626
13B-S017	27.760	0.000	0.000	7.205	17.387	0.016	20.351	0.626
13B-S018	27.760	0.000	0.000	7.222	17.372	0.021	26.876	0.626
13B-S019	27.760	0.000	0.000	7.601	16.980	0.048	61.653	0.612
13B-S020	27.760	0.000	0.000	7.256	17.327	0.050	62.903	0.624
13B-S021	27.760	0.000	0.000	6.945	17.638	0.067	77.507	0.635
13B-S022	27.760	0.000	0.000	22.532	3.564	0.274	354.421	0.128
13B-S023	27.760	0.000	0.000	17.694	7.962	0.012	15.110	0.287
13B-S024	27.760	0.000	0.000	7.239	17.343	0.082	103.113	0.625
13B-S025	27.760	0.000	0.000	7.966	16.629	0.098	123.310	0.599
System	27.760	0.883	0.000	19.233	6.067	8.804	10779.928	0.212

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Node Depth Summary
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Node	Type	Average Depth Meters	Maximum Depth Meters	Maximum HGL Meters	Time of Max Occurrence days	hr:min
13A-N001	JUNCTION	0.11	1.22	251.90	0	00:42
13A-N003	JUNCTION	0.05	0.52	250.98	0	01:06
13A-N004	JUNCTION	0.05	0.46	250.98	0	01:06
13A-N005	JUNCTION	0.11	0.97	250.98	0	01:05
13A-N006	JUNCTION	0.05	0.42	250.98	0	01:06
13A-N007	JUNCTION	0.15	1.18	250.98	0	01:04
13A-N008	JUNCTION	0.05	0.40	250.98	0	01:05
13A-N009	JUNCTION	0.04	0.35	250.98	0	01:04
13A-N010	JUNCTION	0.12	0.44	250.99	0	00:36
13A-N011	JUNCTION	0.04	0.35	251.01	0	00:35
13A-N012	JUNCTION	0.13	0.47	251.03	0	00:35
13A-N013	JUNCTION	0.03	0.35	251.05	0	00:35
13A-N014	JUNCTION	0.02	0.29	251.08	0	00:35
13A-N015	JUNCTION	0.02	0.25	251.13	0	00:34
13A-N016	JUNCTION	0.01	0.23	251.20	0	00:34
13A-N017	JUNCTION	0.06	0.32	251.24	0	00:34
13A-N018	JUNCTION	0.03	0.32	251.28	0	00:34
13A-N019	JUNCTION	0.00	0.00	265.38	0	00:00
13A-N020	JUNCTION	0.00	0.06	264.03	0	00:32
13A-N022	JUNCTION	0.00	0.13	263.04	0	00:32
13A-N023	JUNCTION	0.01	0.14	260.65	0	00:32
13A-N024	JUNCTION	0.01	0.27	259.09	0	00:32
13A-N025	JUNCTION	0.01	0.63	257.26	0	00:33
13A-N026	JUNCTION	0.02	0.90	255.91	0	00:34
13A-N027	JUNCTION	0.03	1.02	253.54	0	00:37
13A-N028	JUNCTION	0.01	0.19	258.59	0	00:32
13A-N031	JUNCTION	0.01	0.14	257.97	0	00:32
13A-N032	JUNCTION	0.01	0.48	257.64	0	00:32
13A-N033	JUNCTION	0.01	0.16	256.57	0	00:32
13A-N040	JUNCTION	0.07	1.26	252.36	0	00:34
13A-N043	JUNCTION	0.10	1.29	252.01	0	00:39
13A-N048	JUNCTION	0.11	1.10	251.77	0	00:45
13A-N050	JUNCTION	0.10	0.98	251.65	0	00:52
13A-N052	JUNCTION	0.10	0.88	251.54	0	00:55
13A-N055	JUNCTION	0.06	0.69	251.38	0	00:55
13A-N058	JUNCTION	0.28	1.25	251.16	0	00:56
13A-N059	JUNCTION	0.22	1.23	251.20	0	00:55
13A-N060	JUNCTION	0.36	1.33	251.16	0	00:56
13A-N061	JUNCTION	0.09	0.94	251.16	0	00:56
13A-N062	JUNCTION	0.01	0.14	260.83	0	00:32
13A-N063	JUNCTION	0.01	0.14	258.14	0	00:32
13A-N064	JUNCTION	0.06	0.31	252.85	0	00:32
13A-N065	JUNCTION	0.01	0.19	251.54	0	00:32
13A-N066	JUNCTION	0.18	0.46	251.43	0	00:51
13A-N067	JUNCTION	0.01	0.26	251.99	0	00:32
13A-N069	JUNCTION	0.02	0.32	251.65	0	00:32
13A-N070	JUNCTION	0.02	0.31	251.54	0	00:33
13A-N071	JUNCTION	0.01	0.27	251.44	0	00:33
13A-N072	JUNCTION	0.05	0.28	250.50	0	01:03
13A-N073	JUNCTION	0.01	0.08	250.98	0	00:33
13A-N074	JUNCTION	0.01	0.13	250.71	0	00:32
13A-N075	JUNCTION	0.08	0.40	250.68	0	01:03
13A-N076	JUNCTION	0.15	1.22	251.13	0	00:56
13A-N077	JUNCTION	0.02	0.61	250.04	0	00:35
13A-N079	JUNCTION	0.02	0.60	249.97	0	00:34
13A-N081	JUNCTION	0.02	0.41	250.49	0	00:35
13A-N082	JUNCTION	0.01	0.41	250.07	0	00:35
13A-N084	JUNCTION	0.13	0.58	250.26	0	00:32
13A-N085	JUNCTION	0.02	0.43	250.22	0	00:32
13A-N086	JUNCTION	0.06	0.53	250.09	0	00:32
13A-N087	JUNCTION	0.02	0.41	249.98	0	00:33
13A-N088	JUNCTION	0.02	0.37	250.08	0	00:33
13A-N089	JUNCTION	0.02	0.38	250.35	0	00:33
13A-N090	JUNCTION	0.03	0.45	250.61	0	00:33
13A-N091	JUNCTION	0.02	0.22	251.07	0	00:33
13A-N092	JUNCTION	0.02	0.23	251.89	0	00:32
13A-N093	JUNCTION	0.02	0.22	252.62	0	00:32
13A-N094	JUNCTION	0.02	0.23	253.44	0	00:32
13A-N095	JUNCTION	0.01	0.20	254.84	0	00:37
13A-N096	JUNCTION	0.04	0.89	256.22	0	00:37
13A-N097	JUNCTION	0.01	0.20	252.75	0	00:32
13A-N098	JUNCTION	0.01	0.32	251.93	0	00:33
13A-N099	JUNCTION	0.02	0.29	250.38	0	00:39
13A-N100	JUNCTION	0.02	0.96	252.73	0	00:34
13A-N101	JUNCTION	0.01	0.33	252.98	0	00:33
13A-N102	JUNCTION	0.11	0.38	254.81	0	00:32
13A-N103	JUNCTION	0.01	0.37	256.34	0	00:32
13A-N104	JUNCTION	0.01	0.23	257.05	0	00:32
13A-N105	JUNCTION	0.08	0.42	250.77	0	01:03
13A-N106	JUNCTION	0.02	0.65	251.42	0	00:34
13A-N107	JUNCTION	0.07	0.36	250.39	0	01:03
13A-N108	JUNCTION	0.01	0.13	251.53	0	00:32
13A-N109	JUNCTION	0.20	0.36	251.43	0	00:32
13A-N110	JUNCTION	0.04	0.53	250.74	0	00:33
13A-N111	JUNCTION	0.18	0.47	251.45	0	00:51
13A-N112	JUNCTION	0.30	0.44	249.32	0	00:33
13A-N113	JUNCTION	0.03	0.71	251.08	0	00:36
13A-N114	JUNCTION	0.08	0.72	250.98	0	01:06
13A-N115	JUNCTION	0.52	1.11	250.34	0	00:39
13A-N116	JUNCTION	0.18	0.73	250.10	0	00:35
13A-N117	JUNCTION	0.03	0.76	250.09	0	00:35
13A-N118	JUNCTION	0.01	0.18	250.18	0	00:32
13A-N119	JUNCTION	0.01	0.18	250.11	0	00:34
13A-N121	JUNCTION	0.01	0.14	250.49	0	00:32
13A-N123	JUNCTION	0.01	0.15	250.78	0	00:32
13A-N124	JUNCTION	0.01	0.15	251.07	0	00:32
13A-N125	JUNCTION	0.01	0.22	251.00	0	00:32
13A-N126	JUNCTION	0.01	0.31	250.11	0	00:34
13A-N127	JUNCTION	0.14	0.90	250.09	0	00:35
13A-N128	JUNCTION	0.92	1.27	249.35	0	00:01
13A-N132	JUNCTION	1.23	1.36	249.70	0	00:42
13A-N133	JUNCTION	0.66	0.79	249.70	0	00:42
13A-N134	JUNCTION	0.08	0.43	250.05	0	00:43
13A-N135	JUNCTION	0.11	0.57	250.21	0	00:39
13A-N136	JUNCTION	0.20	0.69	250.24	0	00:39
13A-N137	JUNCTION	0.11	0.66	250.31	0	00:39
13A-N138	JUNCTION	0.53	0.90	249.96	0	00:43
13A-N139	JUNCTION	0.01	0.19	252.29	0	00:32
13A-N140	JUNCTION	0.01	0.17	253.97	0	00:32
13A-N142	JUNCTION	0.04	0.38	251.28	0	00:54
13A-N143	JUNCTION	0.09	0.56	251.36	0	00:59
13A-N144	JUNCTION	0.18	1.28	250.98	0	01:02
13A-N145	JUNCTION	0.17	0.77	250.37	0	00:39
13A-N146	JUNCTION	0.01	0.15	252.58	0	00:32
13A-N147	JUNCTION	0.03	0.80	251.30	0	00:34
13A-N148	JUNCTION	0.04	0.52	249.87	0	00:33
13A-N149	JUNCTION	0.04	0.65	250.85	0	00:37
13A-N150	JUNCTION	0.03	0.59	249.91	0	00:33
13A-N151	JUNCTION	0.05	0.47	251.47	0	00:33
13A-N152	JUNCTION	0.01	0.19	250.41	0	00:32
13A-N153	JUNCTION	0.01	0.33	250.08	0	00:35
13A-N154	JUNCTION	0.01	0.28	250.09	0	00:35
13A-N155	JUNCTION	0.02	0.53	249.94	0	00:33
13A-N156	JUNCTION	0.03	0.70	249.87	0	00:33
13A-N157	JUNCTION	0.03	0.54	249.96	0	00:33
13A-N158	JUNCTION	0.04	0.67	249.67	0	00:34
13A-N159	JUNCTION	0.05	0.69	250.12	0	00:32

13A-N160	JUNCTION	0.02	0.32	253.00	0	00:36
13A-N161	JUNCTION	0.07	0.52	251.98	0	00:44
13A-N162	JUNCTION	0.02	0.41	254.11	0	00:33
13A-N163	JUNCTION	0.06	0.34	251.39	0	00:59
13A-N164	JUNCTION	0.07	0.52	251.37	0	00:59
13A-N165	JUNCTION	0.02	0.22	250.88	0	00:32
13A-N166	JUNCTION	0.03	0.59	255.24	0	00:32
13A-N167	JUNCTION	0.05	0.94	254.64	0	00:36
13A-N168	JUNCTION	0.04	0.41	253.76	0	00:41
13A-N169	JUNCTION	0.02	0.41	255.44	0	00:32
13A-N170	JUNCTION	0.02	0.26	251.56	0	00:51
13A-N171	JUNCTION	0.89	1.22	249.19	0	00:01
13A-N172	JUNCTION	0.01	0.15	250.14	0	00:33
13A-N173	JUNCTION	0.02	0.11	250.54	0	01:02
13A-N174	JUNCTION	0.06	0.47	250.47	0	00:35
13A-N175	JUNCTION	0.03	0.33	250.49	0	00:34
13A-N176	JUNCTION	0.64	1.01	249.96	0	00:43
13A-N180	JUNCTION	0.10	0.78	251.43	0	00:55
13A-N181	JUNCTION	0.12	1.18	251.85	0	00:44
13A-N182	JUNCTION	0.09	0.86	251.26	0	00:56
13A-N185	JUNCTION	0.01	0.24	257.54	0	00:32
13A-N186	JUNCTION	0.01	0.08	259.79	0	00:32
13A-N187	JUNCTION	0.11	0.46	251.51	0	00:52
13A-N188	JUNCTION	0.40	0.76	249.96	0	00:43
13A-N189	JUNCTION	0.02	1.00	262.00	0	00:33
13B-N001	JUNCTION	0.21	1.02	252.14	0	00:36
13B-N002	JUNCTION	0.15	1.03	252.14	0	00:36
13B-N003	JUNCTION	0.00	0.23	252.44	0	00:33
13B-N005	JUNCTION	0.02	0.71	253.35	0	00:34
13B-N006	JUNCTION	0.02	0.79	254.01	0	00:33
13B-N007	JUNCTION	0.01	0.70	254.38	0	00:33
13B-N008	JUNCTION	0.01	0.24	254.61	0	00:32
13B-N009	JUNCTION	0.01	0.17	255.30	0	00:32
13B-N010	JUNCTION	0.01	0.16	256.38	0	00:32
13B-N011	JUNCTION	0.01	0.15	258.24	0	00:32
13B-N012	JUNCTION	0.01	0.16	259.94	0	00:32
13B-N013	JUNCTION	0.01	0.12	257.53	0	00:32
13B-N014	JUNCTION	0.01	0.13	255.58	0	00:32
13B-N015	JUNCTION	0.01	0.14	254.29	0	00:32
13B-N016	JUNCTION	0.01	0.22	252.73	0	00:32
13B-N017	JUNCTION	0.01	0.20	252.48	0	00:32
13B-N018	JUNCTION	0.02	0.45	252.28	0	00:33
13B-N019	JUNCTION	0.03	0.55	252.43	0	00:35
13B-N020	JUNCTION	0.04	0.58	252.33	0	00:36
13B-N021	JUNCTION	0.05	0.60	252.25	0	00:36
13B-N022	JUNCTION	0.07	0.67	252.17	0	00:36
13B-N023	JUNCTION	0.05	0.58	249.95	0	00:34
13B-N024	JUNCTION	0.12	0.90	250.41	0	00:36
13B-N025	JUNCTION	0.23	2.16	252.02	0	00:33
13B-N026	JUNCTION	0.18	1.64	251.90	0	00:34
13B-N027	JUNCTION	0.21	1.51	251.83	0	00:34
13B-N028	JUNCTION	0.16	1.75	253.13	0	01:01
13B-N029	JUNCTION	0.15	1.76	255.11	0	00:54
13B-N030	JUNCTION	0.01	0.08	261.42	0	00:48
13B-N031	JUNCTION	0.01	0.22	262.37	0	00:42
13B-N032	JUNCTION	0.01	0.30	263.26	0	00:39
13B-N033	JUNCTION	0.01	0.31	264.30	0	00:34
13B-N034	JUNCTION	0.14	0.51	267.15	0	00:34
13B-N035	JUNCTION	0.01	0.20	266.97	0	00:33
13B-N036	JUNCTION	0.01	0.31	266.70	0	00:33
13B-N039	JUNCTION	0.02	0.75	264.58	0	00:34
13B-N041	JUNCTION	0.01	0.14	263.69	0	00:32
13B-N042	JUNCTION	0.01	0.11	262.99	0	00:32
13B-N043	JUNCTION	0.01	0.44	263.12	0	00:35
13B-N044	JUNCTION	0.01	0.40	262.29	0	00:35
13B-N045	JUNCTION	0.01	0.23	261.13	0	00:32
13B-N046	JUNCTION	0.03	0.70	261.23	0	00:38
13B-N047	JUNCTION	0.01	0.24	259.62	0	00:32
13B-N048	JUNCTION	0.01	0.14	258.99	0	00:38
13B-N049	JUNCTION	0.01	0.22	258.00	0	00:32
13B-N050	JUNCTION	0.01	0.13	256.35	0	00:38
13B-N051	JUNCTION	0.01	0.64	256.17	0	00:33
13B-N052	JUNCTION	0.03	0.59	254.82	0	00:40
13B-N057	JUNCTION	0.00	0.00	253.10	0	00:00
13B-N058	JUNCTION	0.11	0.99	250.74	0	00:35
13B-N059	JUNCTION	0.01	0.18	261.14	0	00:32
13B-N060	JUNCTION	0.04	0.93	250.32	0	00:34
13B-N061	JUNCTION	0.28	1.10	252.70	0	00:41
13B-N062	JUNCTION	0.20	0.98	252.59	0	01:02
13B-N063	JUNCTION	0.16	0.88	252.52	0	01:02
13B-N064	JUNCTION	0.08	0.89	252.62	0	00:50
13B-N065	JUNCTION	0.12	0.64	251.36	0	00:48
13B-N066	JUNCTION	0.10	1.75	258.84	0	00:28
13B-N067	JUNCTION	0.05	1.35	250.76	0	00:33
13B-N068	JUNCTION	0.12	0.94	251.76	0	00:36
13B-N069	JUNCTION	0.31	0.99	252.17	0	00:35
13B-N070	JUNCTION	0.16	1.09	252.64	0	00:33
13B-N071	JUNCTION	0.10	0.88	252.18	0	00:36
13B-N072	JUNCTION	0.03	0.73	253.02	0	00:37
13B-N073	JUNCTION	0.06	0.27	266.22	0	00:33
13B-N074	JUNCTION	0.01	0.64	265.94	0	00:33
13B-N075	JUNCTION	0.03	0.72	254.52	0	00:35
13B-N076	JUNCTION	0.02	0.09	251.29	0	00:33
13B-N077	JUNCTION	0.06	0.26	251.25	0	00:52
13B-N078	JUNCTION	0.05	0.27	251.25	0	00:53
13B-N079	JUNCTION	0.49	0.97	251.25	0	00:54
13B-N080	JUNCTION	0.49	0.56	251.26	0	01:05
13B-N081	JUNCTION	0.18	1.59	251.43	0	00:34
13B-N082	JUNCTION	0.19	0.20	249.40	0	00:25
13B-N083	JUNCTION	0.01	0.19	260.49	0	00:32
13B-N084	JUNCTION	0.01	0.16	260.22	0	00:32
13B-N085	JUNCTION	0.01	0.27	259.97	0	00:32
13B-N086	JUNCTION	0.01	0.10	259.70	0	00:33
13B-N088	JUNCTION	0.01	0.08	251.33	0	00:50
13B-N089	JUNCTION	0.09	0.53	251.33	0	00:49
13B-N090	JUNCTION	0.52	1.07	251.33	0	00:50
13B-N092	JUNCTION	0.16	0.93	252.13	0	00:35
13B-N093	JUNCTION	0.01	0.15	252.16	0	00:32
13B-N094	JUNCTION	0.06	0.49	252.10	0	00:35
13B-N095	JUNCTION	0.19	0.99	252.14	0	00:36
13B-N096	JUNCTION	0.57	1.13	251.33	0	00:50
13B-N097	JUNCTION	0.60	1.14	251.32	0	00:50
13B-N098	JUNCTION	0.01	0.15	252.55	0	00:32
13B-N099	JUNCTION	0.08	0.28	251.25	0	00:51
13B-N100	JUNCTION	0.02	0.19	251.26	0	00:33
13B-N102	JUNCTION	0.20	0.66	251.23	0	00:54
13B-N103	JUNCTION	0.00	0.00	251.31	0	00:00
13B-N104	JUNCTION	0.00	0.00	250.71	0	00:00
13B-N105	JUNCTION	0.02	0.02	250.68	0	00:01
13B-N106	JUNCTION	0.05	0.87	252.67	0	00:37
13B-N107	JUNCTION	0.20	1.00	252.13	0	00:36
13A-F001	OUTFALL	1.00	1.00	249.00	0	00:00
13A-F002	OUTFALL	1.00	1.00	248.86	0	00:00
13A-F003	OUTFALL	0.35	0.35	249.17	0	00:00
13A-F004	OUTFALL	0.83	0.83	249.56	0	00:00
13A-F005	OUTFALL	1.56	1.56	249.56	0	00:00
13B-F001	OUTFALL	0.20	0.32	250.80	0	00:54
13B-F002	OUTFALL	0.11	0.11	250.68	0	00:00

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Node InFlow Summary
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Node	Type	Maximum Lateral Inflow LPS	Maximum Total Inflow LPS	Time of Max Occurrence days hr:min		Lateral Inflow Volume 10^6 ltr	Total Inflow Volume 10^6 ltr
13A-N001	JUNCTION	140.03	192.19	0	00:33	0.138	0.252
13A-N003	JUNCTION	0.00	97.49	0	00:35	0.000	0.119
13A-N004	JUNCTION	0.00	99.93	0	00:35	0.000	0.119
13A-N005	JUNCTION	0.00	93.31	0	00:35	0.000	0.132
13A-N006	JUNCTION	0.00	101.31	0	00:35	0.000	0.119
13A-N007	JUNCTION	0.00	91.60	0	00:35	0.000	0.167
13A-N008	JUNCTION	49.88	102.33	0	00:35	0.043	0.120
13A-N009	JUNCTION	0.00	74.27	0	00:35	0.000	0.078
13A-N010	JUNCTION	0.00	74.71	0	00:35	0.000	0.078
13A-N011	JUNCTION	0.00	75.99	0	00:34	0.000	0.077
13A-N012	JUNCTION	0.00	77.43	0	00:34	0.000	0.077
13A-N013	JUNCTION	0.00	79.28	0	00:34	0.000	0.077
13A-N014	JUNCTION	0.00	81.12	0	00:34	0.000	0.077
13A-N015	JUNCTION	0.00	82.06	0	00:34	0.000	0.077
13A-N016	JUNCTION	0.00	82.43	0	00:34	0.000	0.077
13A-N017	JUNCTION	0.00	82.89	0	00:33	0.000	0.077
13A-N018	JUNCTION	0.00	84.65	0	00:33	0.000	0.077
13A-N019	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
13A-N020	JUNCTION	57.28	57.28	0	00:32	0.045	0.045
13A-N022	JUNCTION	48.80	105.17	0	00:32	0.038	0.083
13A-N023	JUNCTION	18.25	105.41	0	00:32	0.014	0.098
13A-N024	JUNCTION	119.63	221.46	0	00:32	0.095	0.193
13A-N025	JUNCTION	0.00	227.97	0	00:32	0.000	0.192
13A-N026	JUNCTION	0.00	207.98	0	00:32	0.000	0.192
13A-N027	JUNCTION	0.00	185.94	0	00:31	0.000	0.192
13A-N028	JUNCTION	81.65	81.65	0	00:32	0.064	0.064

13A-N031	JUNCTION	0.00	81.19	0	00:32	0.000	0.064
13A-N032	JUNCTION	63.93	63.93	0	00:32	0.049	0.049
13A-N033	JUNCTION	0.00	142.74	0	00:32	0.000	0.113
13A-N040	JUNCTION	0.00	142.21	0	00:32	0.000	0.113
13A-N043	JUNCTION	0.00	94.20	0	00:32	0.000	0.114
13A-N048	JUNCTION	0.00	142.27	0	00:30	0.000	0.252
13A-N050	JUNCTION	0.00	130.52	0	00:31	0.000	0.252
13A-N052	JUNCTION	0.00	122.26	0	00:33	0.000	0.251
13A-N055	JUNCTION	0.00	121.52	0	00:33	0.000	0.251
13A-N058	JUNCTION	0.00	18.58	0	00:34	0.000	0.015
13A-N059	JUNCTION	0.00	249.98	0	00:33	0.000	0.634
13A-N060	JUNCTION	97.01	386.11	0	00:32	0.082	0.979
13A-N061	JUNCTION	8.39	13.59	0	00:28	0.007	0.008
13A-N062	JUNCTION	100.78	100.78	0	00:32	0.080	0.080
13A-N063	JUNCTION	0.00	99.90	0	00:32	0.000	0.080
13A-N064	JUNCTION	0.00	98.51	0	00:32	0.000	0.080
13A-N065	JUNCTION	0.00	96.62	0	00:32	0.000	0.080
13A-N066	JUNCTION	0.00	220.92	0	00:42	0.000	0.542
13A-N067	JUNCTION	88.59	88.59	0	00:32	0.078	0.078
13A-N069	JUNCTION	0.00	87.44	0	00:32	0.000	0.077
13A-N070	JUNCTION	0.00	86.34	0	00:32	0.000	0.077
13A-N071	JUNCTION	0.00	85.36	0	00:32	0.000	0.077
13A-N072	JUNCTION	1.16	194.17	0	01:03	0.001	0.619
13A-N073	JUNCTION	0.00	24.13	0	00:32	0.000	0.020
13A-N074	JUNCTION	0.00	31.58	0	00:32	0.000	0.025
13A-N075	JUNCTION	8.88	192.08	0	01:02	0.006	0.595
13A-N076	JUNCTION	0.00	383.34	0	00:36	0.000	0.973
13A-N077	JUNCTION	40.57	158.89	0	00:37	0.033	0.109
13A-N079	JUNCTION	0.00	161.72	0	00:37	0.000	0.109
13A-N081	JUNCTION	111.49	111.49	0	00:33	0.103	0.103
13A-N082	JUNCTION	0.00	133.39	0	00:34	0.000	0.077
13A-N084	JUNCTION	0.00	84.21	0	00:40	0.000	0.103
13A-N085	JUNCTION	66.10	134.33	0	00:32	0.054	0.157
13A-N086	JUNCTION	0.00	131.78	0	00:32	0.000	0.156
13A-N087	JUNCTION	0.00	275.28	0	00:33	0.000	0.386
13A-N088	JUNCTION	0.00	149.13	0	00:33	0.000	0.230
13A-N089	JUNCTION	0.00	149.21	0	00:33	0.000	0.229
13A-N090	JUNCTION	0.00	151.95	0	00:32	0.000	0.229
13A-N091	JUNCTION	0.00	153.54	0	00:32	0.000	0.229
13A-N092	JUNCTION	0.00	153.34	0	00:32	0.000	0.229
13A-N093	JUNCTION	0.00	153.37	0	00:32	0.000	0.229
13A-N094	JUNCTION	97.92	249.16	0	00:32	0.080	0.352
13A-N095	JUNCTION	0.00	155.29	0	00:37	0.000	0.272
13A-N096	JUNCTION	339.92	339.92	0	00:32	0.272	0.272
13A-N097	JUNCTION	109.46	109.46	0	00:32	0.092	0.092
13A-N098	JUNCTION	0.00	109.32	0	00:32	0.000	0.091
13A-N099	JUNCTION	0.00	291.88	0	00:36	0.000	0.376
13A-N100	JUNCTION	0.00	158.98	0	00:31	0.000	0.134
13A-N101	JUNCTION	0.00	166.94	0	00:33	0.000	0.134
13A-N102	JUNCTION	0.00	170.25	0	00:31	0.000	0.135
13A-N103	JUNCTION	0.00	182.72	0	00:32	0.000	0.135
13A-N104	JUNCTION	182.00	182.00	0	00:32	0.135	0.135
13A-N105	JUNCTION	4.30	196.59	0	01:00	0.003	0.564
13A-N106	JUNCTION	0.00	222.28	0	00:33	0.000	0.257
13A-N107	JUNCTION	0.00	194.05	0	01:03	0.000	0.617
13A-N108	JUNCTION	26.80	26.80	0	00:32	0.019	0.019
13A-N109	JUNCTION	34.42	34.42	0	00:32	0.026	0.026
13A-N110	JUNCTION	219.11	219.11	0	00:32	0.198	0.198
13A-N111	JUNCTION	0.00	278.62	0	00:51	0.000	0.632
13A-N112	JUNCTION	0.00	368.83	0	00:33	0.000	0.593
13A-N113	JUNCTION	86.49	328.73	0	00:33	0.069	0.375
13A-N114	JUNCTION	0.00	94.61	0	00:35	0.000	0.121
13A-N115	JUNCTION	0.00	574.89	0	00:36	0.000	1.993
13A-N116	JUNCTION	0.00	194.79	0	00:32	0.000	0.123
13A-N117	JUNCTION	0.00	116.69	0	00:31	0.000	0.128
13A-N118	JUNCTION	0.00	153.01	0	00:32	0.000	0.120
13A-N119	JUNCTION	15.00	66.42	0	00:32	0.012	0.055
13A-N121	JUNCTION	0.00	53.82	0	00:32	0.000	0.043
13A-N123	JUNCTION	0.00	53.77	0	00:32	0.000	0.043
13A-N124	JUNCTION	55.00	55.00	0	00:32	0.043	0.043
13A-N125	JUNCTION	190.58	190.58	0	00:32	0.148	0.148
13A-N126	JUNCTION	0.00	187.98	0	00:32	0.000	0.147
13A-N127	JUNCTION	0.00	531.60	0	00:33	0.000	0.517
13A-N128	JUNCTION	0.00	2107.09	0	00:00	0.000	0.856
13A-N132	JUNCTION	0.00	569.14	0	00:00	0.000	1.044
13A-N133	JUNCTION	0.00	997.97	0	00:00	0.000	2.607
13A-N134	JUNCTION	0.00	533.38	0	00:39	0.000	1.973
13A-N135	JUNCTION	0.00	533.67	0	00:39	0.000	1.981
13A-N136	JUNCTION	0.00	533.75	0	00:39	0.000	1.981
13A-N137	JUNCTION	0.00	535.35	0	00:38	0.000	1.981
13A-N138	JUNCTION	0.00	285.00	0	00:33	0.000	0.426
13A-N139	JUNCTION	0.00	97.91	0	00:32	0.000	0.080
13A-N140	JUNCTION	0.00	98.76	0	00:32	0.000	0.080
13A-N142	JUNCTION	111.21	253.51	0	00:33	0.093	0.634
13A-N143	JUNCTION	62.63	191.37	0	00:56	0.047	0.507
13A-N144	JUNCTION	0.00	464.25	0	00:36	0.000	1.127
13A-N145	JUNCTION	0.00	600.65	0	00:35	0.000	1.986
13A-N146	JUNCTION	58.70	58.70	0	00:32	0.048	0.048
13A-N147	JUNCTION	0.00	263.91	0	00:34	0.000	0.306
13A-N148	JUNCTION	0.00	368.84	0	00:33	0.000	0.564
13A-N149	JUNCTION	99.57	196.96	0	00:32	0.086	0.178
13A-N150	JUNCTION	0.00	408.18	0	00:33	0.000	0.407
13A-N151	JUNCTION	0.00	293.36	0	00:32	0.000	0.245
13A-N152	JUNCTION	154.55	154.55	0	00:32	0.120	0.120
13A-N153	JUNCTION	0.00	37.40	0	00:33	0.000	0.029
13A-N154	JUNCTION	37.86	37.86	0	00:32	0.028	0.028
13A-N155	JUNCTION	316.97	316.97	0	00:33	0.298	0.298
13A-N156	JUNCTION	0.00	864.35	0	00:33	0.000	0.832
13A-N157	JUNCTION	0.00	510.27	0	00:32	0.000	0.426
13A-N158	JUNCTION	91.08	950.65	0	00:33	0.104	0.945
13A-N159	JUNCTION	528.32	528.32	0	00:32	0.425	0.425
13A-N160	JUNCTION	0.00	364.78	0	00:34	0.000	0.308
13A-N161	JUNCTION	0.00	354.83	0	00:37	0.000	0.311
13A-N162	JUNCTION	394.71	394.71	0	00:32	0.304	0.304
13A-N163	JUNCTION	0.00	169.99	0	00:47	0.000	0.309
13A-N164	JUNCTION	0.00	128.74	0	00:50	0.000	0.314
13A-N165	JUNCTION	85.21	85.21	0	00:32	0.068	0.068
13A-N166	JUNCTION	0.00	534.19	0	00:32	0.000	0.409
13A-N167	JUNCTION	0.00	487.99	0	00:32	0.000	0.412
13A-N168	JUNCTION	0.00	332.23	0	00:40	0.000	0.424
13A-N169	JUNCTION	536.71	536.71	0	00:32	0.409	0.409
13A-N170	JUNCTION	0.00	263.02	0	00:48	0.000	0.436
13A-N171	JUNCTION	0.00	2191.30	0	00:00	0.000	1.419
13A-N172	JUNCTION	239.16	239.16	0	00:33	0.211	0.211
13A-N173	JUNCTION	5.45	5.45	0	00:32	0.008	0.008
13A-N174	JUNCTION	0.00	278.45	0	00:33	0.000	0.282
13A-N175	JUNCTION	84.18	84.18	0	00:33	0.080	0.080
13A-N176	JUNCTION	0.00	768.37	0	00:39	0.000	2.542
13A-N180	JUNCTION	0.00	121.54	0	00:33	0.000	0.251
13A-N181	JUNCTION	0.00	142.34	0	00:30	0.000	0.253
13A-N182	JUNCTION	0.00	120.63	0	00:33	0.000	0.250
13A-N185	JUNCTION	279.50	305.66	0	00:32	0.226	0.245
13A-N186	JUNCTION	27.33	27.33	0	00:32	0.020	0.020
13A-N187	JUNCTION	0.00	240.40	0	00:51	0.000	0.452
13A-N188	JUNCTION	0.00	292.61	0	00:35	0.000	0.384
13A-N189	JUNCTION	0.00	101.97	0	00:32	0.000	0.083
13B-N001	JUNCTION	110.37	257.71	0	01:15	0.101	1.036
13B-N002	JUNCTION	55.27	357.73	0	00:30	0.047	1.641
13B-N003	JUNCTION	0.00	9.45	0	00:32	0.000	0.001
13B-N005	JUNCTION	0.00	135.67	0	00:33	0.000	0.124
13B-N006	JUNCTION	0.00	137.68	0	00:32	0.000	0.124
13B-N007	JUNCTION	52.59	147.86	0	00:32	0.043	0.124
13B-N008	JUNCTION	0.00	102.90	0	00:32	0.000	0.081
13B-N009	JUNCTION	0.00	102.13	0	00:32	0.000	0.081
13B-N010	JUNCTION	0.00	102.48	0	00:32	0.000	0.081
13B-N011	JUNCTION	0.00	102.72	0	00:32	0.000	0.081
13B-N012	JUNCTION	103.11	103.11	0	00:32	0.082	0.082
13B-N013	JUNCTION	78.52	78.52	0	00:32	0.061	0.061
13B-N014	JUNCTION	0.00	78.23	0	00:32	0.000	0.061
13B-N015	JUNCTION	0.00	77.88	0	00:32	0.000	0.061
13B-N016	JUNCTION	0.00	77.96	0	00:32	0.000	0.061
13B-N017	JUNCTION	0.00	76.98	0	00:32	0.000	0.061
13B-N018	JUNCTION	0.00	74.22	0	00:32	0.000	0.061
13B-N019	JUNCTION	77.50	77.50	0	00:32	0.067	0.068
13B-N020	JUNCTION	0.00	63.49	0	00:33	0.000	0.067
13B-N021	JUNCTION	0.00	57.71	0	00:33	0.000	0.067
13B-N022	JUNCTION	0.00	53.61	0	00:33	0.000	0.067
13B-N023	JUNCTION	0.00	258.76	0	00:33	0.000	0.247
13B-N024	JUNCTION	0.00	184.03	0	00:33	0.000	0.953
13B-N025	JUNCTION	324.33	324.33	0	00:32	0.265	0.977
13B-N026	JUNCTION	0.00	121.10	0	01:10	0.000	0.730
13B-N027	JUNCTION	0.00	131.27	0	00:26	0.000	0.739
13B-N028	JUNCTION	0.00	33.33	0	00:24	0.000	0.100
13B-N029	JUNCTION	0.00	43.05	0	00:28	0.000	0.098
13B-N030	JUNCTION	0.00	26.10	0	00:47	0.000	0.056
13B-N031	JUNCTION	24.86	50.77	0	00:32	0.019	0.056
13B-N032	JUNCTION	0.00	27.26	0	00:30	0.000	0.037
13B-N033	JUNCTION	47.23	47.23	0	00:32	0.037	0.037
13B-N034	JUNCTION	61.65	61.65	0	00:32	0.048	0.048
13B-N035	JUNCTION	0.00	41.79	0	00:30	0.000	0.048
13B-N036	JUNCTION	0.00	41.05	0	00:30	0.000	0.047
13B-N039	JUNCTION	47.63	190.16	0	00:31	0.037	0.182
13B-N041	JUNCTION	65.02	65.02	0	00:32	0.052	0.052
13B-N042	JUNCTION	0.00	64.58	0	00:32	0.000	0.052
13B-N043	JUNCTION	0.00	173.08	0	00:32	0.000	0.182
13B-N044	JUNCTION	0.00	171.79	0	00:32	0.000	0.182

13B-N045	JUNCTION	120.91	184.04	0	00:32	0.101	0.153
13B-N046	JUNCTION	0.00	167.63	0	00:32	0.000	0.182
13B-N047	JUNCTION	0.00	183.57	0	00:32	0.000	0.153
13B-N048	JUNCTION	0.00	108.09	0	00:38	0.000	0.182
13B-N049	JUNCTION	0.00	182.82	0	00:32	0.000	0.153
13B-N050	JUNCTION	0.00	108.09	0	00:38	0.000	0.182
13B-N051	JUNCTION	0.00	181.16	0	00:32	0.000	0.153
13B-N052	JUNCTION	0.00	108.09	0	00:38	0.000	0.182
13B-N057	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
13B-N058	JUNCTION	0.00	192.58	0	00:33	0.000	0.953
13B-N059	JUNCTION	200.60	200.60	0	00:32	0.166	0.166
13B-N060	JUNCTION	0.00	269.13	0	00:33	0.000	0.250
13B-N061	JUNCTION	590.02	590.02	0	00:32	0.448	0.448
13B-N062	JUNCTION	0.00	160.77	0	00:35	0.000	0.449
13B-N063	JUNCTION	0.00	168.74	0	00:32	0.000	0.506
13B-N064	JUNCTION	0.00	204.94	0	00:31	0.000	0.336
13B-N065	JUNCTION	0.00	375.68	0	00:34	0.000	1.065
13B-N066	JUNCTION	0.00	193.34	0	00:32	0.000	0.166
13B-N067	JUNCTION	242.81	286.15	0	00:32	0.201	0.251
13B-N068	JUNCTION	17.08	390.00	0	00:33	0.012	1.685
13B-N069	JUNCTION	0.00	151.10	0	00:32	0.000	0.731
13B-N070	JUNCTION	289.88	289.88	0	00:33	0.283	0.789
13B-N071	JUNCTION	0.00	285.88	0	00:31	0.000	0.576
13B-N072	JUNCTION	0.00	152.16	0	00:32	0.000	0.180
13B-N073	JUNCTION	0.00	40.45	0	00:34	0.000	0.047
13B-N074	JUNCTION	123.31	162.95	0	00:32	0.098	0.146
13B-N075	JUNCTION	0.00	249.70	0	00:33	0.000	0.336
13B-N076	JUNCTION	0.00	39.33	0	00:32	0.000	0.037
13B-N077	JUNCTION	0.00	22.05	0	00:45	0.000	0.038
13B-N078	JUNCTION	0.00	76.86	0	00:39	0.000	0.084
13B-N079	JUNCTION	0.00	660.24	0	00:36	0.000	2.527
13B-N080	JUNCTION	0.00	30.85	0	00:33	0.000	0.027
13B-N081	JUNCTION	0.00	211.26	0	00:32	0.000	0.955
13B-N082	JUNCTION	0.00	421.39	0	00:34	0.000	1.202
13B-N083	JUNCTION	62.90	62.90	0	00:32	0.050	0.050
13B-N084	JUNCTION	0.00	61.55	0	00:32	0.000	0.050
13B-N085	JUNCTION	0.00	61.75	0	00:32	0.000	0.050
13B-N086	JUNCTION	0.00	60.44	0	00:32	0.000	0.050
13B-N088	JUNCTION	0.00	29.23	0	00:40	0.000	0.005
13B-N089	JUNCTION	0.00	131.75	0	00:37	0.000	0.060
13B-N090	JUNCTION	0.00	353.44	0	00:35	0.000	1.125
13B-N092	JUNCTION	0.00	589.98	0	00:32	0.000	1.005
13B-N093	JUNCTION	100.13	100.13	0	00:32	0.091	0.091
13B-N094	JUNCTION	354.41	440.73	0	00:36	0.274	0.413
13B-N095	JUNCTION	0.00	343.88	0	00:32	0.000	0.915
13B-N096	JUNCTION	0.00	274.58	0	00:47	0.000	1.095
13B-N097	JUNCTION	351.54	760.98	0	00:35	0.271	2.534
13B-N098	JUNCTION	42.85	42.85	0	00:32	0.032	0.032
13B-N099	JUNCTION	20.92	20.92	0	00:32	0.015	0.018
13B-N100	JUNCTION	34.55	34.55	0	00:32	0.025	0.025
13B-N102	JUNCTION	0.00	518.72	0	00:53	0.000	2.469
13B-N103	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
13B-N104	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
13B-N105	JUNCTION	0.00	2.73	0	00:00	0.000	0.000
13B-N106	JUNCTION	0.00	113.80	0	00:31	0.000	0.180
13B-N107	JUNCTION	0.00	254.59	0	01:16	0.000	0.977
13A-F001	OUTFALL	0.00	2107.09	0	00:00	0.000	1.106
13A-F002	OUTFALL	0.00	2191.30	0	00:00	0.000	1.607
13A-F003	OUTFALL	0.00	369.62	0	00:33	0.000	0.610
13A-F004	OUTFALL	0.00	501.83	0	00:00	0.000	1.571
13A-F005	OUTFALL	0.00	559.54	0	00:00	0.000	1.037
13B-F001	OUTFALL	0.00	518.24	0	00:54	0.000	2.468
13B-F002	OUTFALL	0.00	2.73	0	00:00	0.000	0.001

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Node Surcharge Summary
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Surcharging occurs when water rises above the top of the highest conduit.

Node	Type	Hours Surcharged	Max. Height Above Crown Meters	Min. Depth Below Rim Meters
13A-N001	JUNCTION	0.70	0.816	0.000
13A-N003	JUNCTION	0.40	0.025	0.375
13A-N005	JUNCTION	1.00	0.474	0.000
13A-N007	JUNCTION	1.08	0.682	0.000
13A-N025	JUNCTION	0.05	0.284	0.016
13A-N026	JUNCTION	0.09	0.601	0.000
13A-N027	JUNCTION	0.19	0.617	0.000
13A-N032	JUNCTION	0.08	0.284	0.174
13A-N040	JUNCTION	0.60	0.961	0.000
13A-N043	JUNCTION	0.75	0.990	0.000
13A-N048	JUNCTION	0.69	0.697	0.063
13A-N050	JUNCTION	0.68	0.583	0.177
13A-N052	JUNCTION	0.66	0.483	0.347
13A-N055	JUNCTION	0.54	0.294	0.406
13A-N058	JUNCTION	1.15	0.851	0.499
13A-N059	JUNCTION	0.78	0.331	0.469
13A-N060	JUNCTION	0.77	0.291	0.469
13A-N061	JUNCTION	0.97	0.541	0.719
13A-N076	JUNCTION	0.93	0.423	0.277
13A-N077	JUNCTION	0.08	0.078	0.542
13A-N079	JUNCTION	0.09	0.097	0.653
13A-N081	JUNCTION	0.17	0.114	0.000
13A-N084	JUNCTION	0.19	0.176	0.124
13A-N085	JUNCTION	0.04	0.026	0.224
13A-N086	JUNCTION	0.19	0.133	0.167
13A-N090	JUNCTION	0.05	0.045	0.275
13A-N096	JUNCTION	0.39	0.653	0.000
13A-N098	JUNCTION	0.02	0.021	0.299
13A-N100	JUNCTION	0.09	0.562	0.438
13A-N106	JUNCTION	0.10	0.154	0.406
13A-N113	JUNCTION	0.17	0.211	0.000
13A-N114	JUNCTION	0.87	0.224	0.000
13A-N132	JUNCTION	1.00	0.100	0.000
13A-N144	JUNCTION	1.00	0.482	0.000
13A-N147	JUNCTION	0.13	0.168	0.102
13A-N149	JUNCTION	0.41	0.355	0.000
13A-N180	JUNCTION	0.62	0.377	0.393
13A-N181	JUNCTION	0.70	0.780	0.000
13A-N182	JUNCTION	0.74	0.361	0.139
13A-N189	JUNCTION	0.09	0.402	0.000
13B-N001	JUNCTION	0.72	0.318	0.372
13B-N002	JUNCTION	0.65	0.240	0.000
13B-N003	JUNCTION	0.08	0.039	0.059
13B-N005	JUNCTION	0.25	0.412	0.000
13B-N006	JUNCTION	0.08	0.406	0.074
13B-N007	JUNCTION	0.06	0.397	0.083
13B-N018	JUNCTION	0.25	0.146	0.264
13B-N019	JUNCTION	0.19	0.251	0.000
13B-N020	JUNCTION	0.55	0.284	0.076
13B-N021	JUNCTION	0.67	0.280	0.100
13B-N022	JUNCTION	0.76	0.318	0.282
13B-N023	JUNCTION	0.06	0.075	1.875
13B-N024	JUNCTION	1.14	0.500	2.250
13B-N025	JUNCTION	1.92	1.758	0.202
13B-N026	JUNCTION	1.73	1.236	0.164
13B-N027	JUNCTION	1.80	1.112	0.338
13B-N028	JUNCTION	0.91	1.603	0.000
13B-N029	JUNCTION	0.84	1.612	0.000
13B-N031	JUNCTION	0.48	0.102	0.000
13B-N032	JUNCTION	0.21	0.180	0.001
13B-N033	JUNCTION	0.20	0.188	0.000
13B-N034	JUNCTION	0.68	0.306	0.000
13B-N035	JUNCTION	0.02	0.002	0.348
13B-N036	JUNCTION	0.15	0.106	0.294
13B-N039	JUNCTION	0.10	0.402	0.000
13B-N043	JUNCTION	0.08	0.141	0.309
13B-N044	JUNCTION	0.07	0.096	0.404
13B-N046	JUNCTION	0.32	0.399	0.000
13B-N051	JUNCTION	0.05	0.340	0.060
13B-N052	JUNCTION	0.35	0.285	0.000
13B-N058	JUNCTION	0.85	0.592	1.708
13B-N060	JUNCTION	0.14	0.434	1.986
13B-N061	JUNCTION	1.77	0.702	0.000
13B-N062	JUNCTION	1.74	0.476	0.000
13B-N063	JUNCTION	1.74	0.481	0.000
13B-N064	JUNCTION	0.77	0.587	0.000
13B-N066	JUNCTION	0.54	1.478	0.000
13B-N068	JUNCTION	0.64	0.236	0.164
13B-N069	JUNCTION	1.07	0.359	0.508
13B-N070	JUNCTION	1.74	0.688	0.052
13B-N071	JUNCTION	0.66	0.280	0.120
13B-N072	JUNCTION	0.26	0.206	0.000
13B-N073	JUNCTION	0.02	0.021	0.379
13B-N074	JUNCTION	0.02	0.043	0.357
13B-N075	JUNCTION	0.17	0.276	0.000
13B-N081	JUNCTION	1.80	1.193	0.767
13B-N092	JUNCTION	0.01	0.006	0.274
13B-N094	JUNCTION	0.45	0.000	0.000
13B-N095	JUNCTION	0.55	0.068	0.162
13B-N106	JUNCTION	0.30	0.373	0.027
13B-N107	JUNCTION	0.98	0.404	0.266

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Node Flooding Summary
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Flooding refers to all water that overflows a node, whether it ponds or not.

Node	Hours Flooded	Maximum Rate LPS	Time of Max Occurrence days hr:min	Total Flood Volume 10^6 ltr	Maximum Ponded Volume ha-mm
13A-N001	0.49	1255.17	0 00:30	0.023	2.28
13A-N005	0.39	729.51	0 01:16	0.012	1.20
13A-N007	0.62	1049.58	0 01:20	0.042	4.10
13A-N026	0.04	80.70	0 00:33	0.001	0.06
13A-N027	0.12	158.75	0 00:32	0.009	0.87
13A-N040	0.12	47.50	0 00:32	0.006	0.55
13A-N043	0.41	494.99	0 00:30	0.020	1.98
13A-N081	0.16	426.28	0 00:31	0.007	0.71
13A-N096	0.35	924.41	0 00:28	0.046	4.64
13A-N113	0.10	278.96	0 00:32	0.005	0.53
13A-N114	0.40	29.51	0 00:56	0.012	1.22
13A-N132	0.09	41.86	0 00:42	0.006	0.00
13A-N144	0.93	235.42	0 00:36	0.141	14.09
13A-N149	0.34	730.28	0 00:30	0.027	2.75
13A-N181	0.01	0.00	0 00:00	0.000	0.00
13A-N189	0.04	756.28	0 00:32	0.001	0.08
13B-N002	0.01	11.57	0 00:36	0.000	0.00
13B-N005	0.05	64.44	0 00:32	0.001	0.08
13B-N019	0.07	34.11	0 00:33	0.001	0.06
13B-N028	0.63	6.27	0 00:35	0.002	0.17
13B-N029	0.59	204.98	0 00:35	0.006	0.59
13B-N031	0.47	34.09	0 00:27	0.011	1.07
13B-N033	0.18	873.52	0 00:30	0.003	0.34
13B-N034	0.14	332.80	0 00:30	0.003	0.29
13B-N039	0.05	84.41	0 00:32	0.001	0.10
13B-N046	0.29	562.98	0 00:30	0.025	2.46
13B-N052	0.31	514.40	0 00:31	0.013	1.25
13B-N061	1.72	1962.46	0 02:06	0.182	18.11
13B-N062	1.68	140.92	0 00:35	0.138	13.79
13B-N063	1.54	167.28	0 00:32	0.116	11.56
13B-N064	0.72	103.66	0 00:36	0.093	9.33
13B-N066	0.36	153.94	0 00:32	0.068	0.00
13B-N072	0.23	833.81	0 00:31	0.012	1.25
13B-N075	0.14	235.41	0 00:31	0.008	0.82
13B-N094	0.45	440.73	0 00:36	0.248	0.00

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Outfall Loading Summary
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Outfall Node	Flow Freq. Pcnt.	Avg. Flow LPS	Max. Flow LPS	Total Volume 10^6 ltr
13A-F001	99.37	29.19	2107.09	1.106
13A-F002	75.42	62.41	2191.30	1.607
13A-F003	53.08	36.29	369.62	0.610
13A-F004	100.00	48.48	501.83	1.571
13A-F005	100.00	32.02	559.54	1.037
13B-F001	99.65	76.18	518.24	2.468
13B-F002	4.55	0.15	2.73	0.001
System	76.01	284.73	5289.32	8.400

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Link Flow Summary
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Link	Type	Maximum |Flow| LPS	Time of Max Occurrence days hr:min	Maximum Velocity m/sec	Max/ Full Flow	Max/ Full Depth
13A-C001	CONDUIT	2107.09	0 00:00	1.39	0.57	0.57
13A-C002	CONDUIT	115.04	0 00:42	0.33	0.14	0.98
13A-C003	CONDUIT	80.17	0 00:42	0.55	0.14	0.97
13A-C009	CONDUIT	383.34	0 00:36	1.45	0.15	1.00
13A-C010	CONDUIT	122.26	0 00:33	0.97	3.61	1.00
13A-C011	CONDUIT	130.52	0 00:31	1.04	22.09	1.00
13A-C012	CONDUIT	142.34	0 00:30	1.13	1.43	1.00
13A-C013	CONDUIT	53.02	0 00:31	0.75	1.48	1.00
13A-C014	CONDUIT	94.20	0 00:32	1.33	0.86	1.00
13A-C015	CONDUIT	142.21	0 00:32	2.46	0.55	0.76
13A-C016	CONDUIT	81.04	0 00:32	2.85	0.31	0.42
13A-C017	CONDUIT	81.19	0 00:32	2.05	0.42	0.55
13A-C018	CONDUIT	121.54	0 00:33	0.97	3.77	1.00
13A-C021	CONDUIT	218.39	0 00:42	1.17	0.20	0.38
13A-C022	CONDUIT	98.76	0 00:32	3.08	0.42	0.46
13A-C023	CONDUIT	99.90	0 00:32	3.36	0.36	0.44
13A-C024	CONDUIT	98.51	0 00:32	1.67	0.59	0.78
13A-C025	CONDUIT	96.67	0 00:32	1.23	0.22	0.42
13A-C026	CONDUIT	199.60	0 00:51	0.52	1.12	0.93
13A-C027	CONDUIT	146.20	0 00:37	2.09	1.20	0.97
13A-C028	CONDUIT	185.94	0 00:31	2.88	0.92	1.00
13A-C029	CONDUIT	207.98	0 00:32	3.20	0.80	1.00
13A-C030	CONDUIT	227.97	0 00:32	3.63	0.87	0.93
13A-C031	CONDUIT	105.32	0 00:32	2.50	0.41	0.67
13A-C032	CONDUIT	101.97	0 00:32	2.28	0.37	0.71
13A-C033	CONDUIT	56.68	0 00:32	1.03	0.13	0.31
13A-C034	CONDUIT	0.00	0 00:00	0.00	0.00	0.10
13A-C036	CHANNEL	194.05	0 01:03	0.55	0.08	0.37
13A-C037	CHANNEL	206.51	0 00:33	0.53	0.25	0.60
13A-C038	CHANNEL	74.93	0 00:32	0.41	0.07	0.52
13A-C039	CHANNEL	124.10	0 01:04	0.30	0.09	0.51
13A-C041	CHANNEL	169.99	0 00:47	0.53	0.08	0.29
13A-C042	CHANNEL	354.83	0 00:37	0.79	0.05	0.28
13A-C045	CHANNEL	534.19	0 00:32	1.07	0.11	0.48
13A-C047	CHANNEL	263.02	0 00:48	0.66	0.13	0.39
13A-C048	CONDUIT	9.72	0 00:28	0.14	0.06	1.00
13A-C049	CONDUIT	84.65	0 00:33	0.87	0.67	0.73
13A-C050	CONDUIT	75.99	0 00:34	0.45	0.23	0.82
13A-C051	CONDUIT	77.43	0 00:34	0.63	0.51	0.70
13A-C052	CONDUIT	79.28	0 00:34	0.63	0.32	0.64
13A-C053	CONDUIT	81.12	0 00:34	0.81	0.28	0.54
13A-C054	CONDUIT	82.06	0 00:34	0.93	0.24	0.48
13A-C055	CONDUIT	82.43	0 00:34	0.75	0.29	0.55
13A-C056	CONDUIT	82.89	0 00:33	0.62	0.46	0.64
13A-C057	CONDUIT	74.71	0 00:35	0.46	0.29	0.79
13A-C058	CONDUIT	101.31	0 00:35	0.72	0.74	0.83
13A-C059	CONDUIT	74.00	0 00:36	0.49	0.36	0.76
13A-C060	CONDUIT	74.27	0 00:35	0.45	0.20	0.79
13A-C061	CONDUIT	97.49	0 00:35	0.97	0.56	0.96
13A-C062	CONDUIT	99.93	0 00:35	0.80	0.59	0.89
13A-C063	CONDUIT	117.55	0 01:16	0.63	0.37	1.00
13A-C064	CONDUIT	574.89	0 00:36	0.66	0.10	0.52
13A-C065	CONDUIT	274.15	0 00:56	1.40	2.34	1.00
13A-C066	CONDUIT	91.60	0 00:35	0.75	0.29	1.00
13A-C067	CONDUIT	94.61	0 00:35	1.47	0.20	1.00
13A-C068	CHANNEL	188.44	0 01:00	0.50	0.10	0.34
13A-C069	CHANNEL	84.80	0 00:32	0.99	0.02	0.27
13A-C070	CONDUIT	31.55	0 00:32	1.03	0.16	0.37
13A-C071	CONDUIT	23.09	0 00:33	0.64	0.08	0.39
13A-C072	CONDUIT	194.05	0 01:03	1.06	0.18	0.40
13A-C073	CONDUIT	189.78	0 01:03	0.79	0.79	0.48
13A-C074	CONDUIT	158.98	0 00:31	1.76	0.55	0.91
13A-C075	CONDUIT	166.94	0 00:33	2.57	0.97	0.94
13A-C076	CONDUIT	170.25	0 00:31	2.45	0.92	1.00
13A-C077	CONDUIT	182.72	0 00:32	2.46	0.49	0.68
13A-C078	CONDUIT	99.42	0 00:32	1.43	0.88	1.00
13A-C079	CONDUIT	109.32	0 00:32	1.95	0.70	0.81
13A-C080	CONDUIT	57.04	0 00:32	1.40	0.48	0.74
13A-C081	CONDUIT	136.10	0 00:34	1.93	1.05	1.00
13A-C083	CONDUIT	292.61	0 00:35	2.07	0.47	0.79
13A-C084	CONDUIT	219.75	0 00:34	0.98	0.51	1.00
13A-C085	CONDUIT	291.88	0 00:36	1.61	1.31	0.87
13A-C088	CONDUIT	155.29	0 00:37	3.67	0.47	0.57
13A-C089	CONDUIT	155.29	0 00:37	3.69	0.92	0.88
13A-C090	CONDUIT	94.27	0 00:32	1.72	0.79	0.84
13A-C091	CONDUIT	153.34	0 00:32	2.10	0.48	0.56
13A-C092	CONDUIT	153.37	0 00:32	2.09	0.53	0.57
13A-C093	CONDUIT	149.21	0 00:33	1.20	1.02	0.98
13A-C094	CONDUIT	151.95	0 00:32	1.46	0.54	0.77
13A-C095	CONDUIT	153.54	0 00:32	2.14	0.52	0.56
13A-C096	CONDUIT	95.16	0 00:37	1.42	1.44	0.90
13A-C097	CONDUIT	130.88	0 00:32	1.05	1.46	0.99
13A-C098	CONDUIT	275.21	0 00:33	1.17	0.35	0.78
13A-C099	CONDUIT	149.13	0 00:33	1.28	0.93	0.92
13A-C100	CONDUIT	84.21	0 00:40	1.19	0.86	1.00
13A-C101	CONDUIT	84.63	0 00:40	0.74	0.56	1.00
13A-C102	CONDUIT	131.78	0 00:32	1.05	0.53	1.00

13A-C106	CONDUIT	369.62	0	00:33	0.78	0.82	0.57
13A-C110	CONDUIT	2191.30	0	00:00	1.44	0.44	0.56
13A-C111	CONDUIT	944.10	0	00:34	2.24	0.52	0.63
13A-C112	CONDUIT	859.92	0	00:33	1.66	0.50	0.76
13A-C113	CHANNEL	0.00	0	00:00	0.00	0.00	0.11
13A-C114	CHANNEL	510.27	0	00:32	0.77	1.36	0.61
13A-C115	CHANNEL	407.58	0	00:33	0.67	0.15	0.64
13A-C116	CONDUIT	375.34	0	00:36	0.82	0.90	1.00
13A-C117	CHANNEL	310.00	0	00:33	0.61	0.18	0.53
13A-C118	CONDUIT	164.99	0	00:37	0.85	1.10	1.00
13A-C120	CONDUIT	161.72	0	00:37	0.82	0.92	1.00
13A-C121	CONDUIT	141.71	0	00:37	0.85	0.29	0.91
13A-C122	CONDUIT	36.30	0	00:37	0.61	0.31	0.69
13A-C123	CONDUIT	133.39	0	00:34	0.44	0.13	0.60
13A-C125	CONDUIT	85.36	0	00:32	0.89	0.90	0.72
13A-C126	CONDUIT	86.34	0	00:32	0.90	0.97	0.72
13A-C127	CONDUIT	149.33	0	00:34	1.51	0.39	0.91
13A-C138	CONDUIT	18.58	0	00:34	0.32	0.05	1.00
13A-C139	CONDUIT	87.44	0	00:32	1.31	0.87	0.90
13A-C140	CONDUIT	79.00	0	00:51	0.92	0.42	0.48
13A-C141	CHANNEL	288.07	0	00:33	1.01	0.39	0.66
13A-C142	CONDUIT	533.75	0	00:39	1.04	0.26	0.75
13A-C143	CONDUIT	533.38	0	00:39	1.20	0.77	0.42
13A-C144	CONDUIT	501.83	0	00:00	2.15	0.56	1.00
13A-C145	CONDUIT	559.54	0	00:00	2.85	0.79	1.00
13A-C147	CHANNEL	256.15	0	00:32	0.27	0.08	0.69
13A-C148	CHANNEL	535.35	0	00:38	0.37	0.12	0.81
13A-C149	CHANNEL	674.86	0	00:43	0.55	0.18	0.40
13A-C150	CONDUIT	65.96	0	00:33	0.94	0.19	0.68
13A-C151	CONDUIT	175.22	0	00:32	0.92	0.14	0.69
13A-C152	CONDUIT	187.98	0	00:32	1.77	0.14	0.30
13A-C153	CONDUIT	53.82	0	00:32	1.13	0.17	0.29
13A-C154	CONDUIT	53.77	0	00:32	1.13	0.17	0.29
13A-C155	CONDUIT	53.07	0	00:32	1.12	0.16	0.30
13A-C159	CONDUIT	149.82	0	00:32	0.96	0.11	0.50
13A-C160	CHANNEL	153.01	0	00:32	0.73	0.01	0.10
13A-C162	CONDUIT	400.63	0	00:35	2.11	1.48	0.93
13A-C163	CHANNEL	128.74	0	00:50	0.27	0.02	0.28
13A-C164	CONDUIT	232.53	0	00:37	0.78	0.47	1.00
13A-C165	CONDUIT	93.31	0	00:35	1.24	0.17	1.00
13A-C166	CONDUIT	96.62	0	00:32	1.69	0.41	0.46
13A-C167	CONDUIT	97.91	0	00:32	1.98	0.44	0.66
13A-C174	CONDUIT	120.63	0	00:33	1.20	0.89	1.00
13A-C176	CONDUIT	249.98	0	00:33	1.09	0.26	0.74
13A-C177	CONDUIT	262.84	0	00:34	1.34	0.97	1.00
13A-C179	CONDUIT	368.83	0	00:33	1.58	0.82	0.77
13A-C185	CHANNEL	35.64	0	00:32	0.32	0.12	0.56
13A-C186	CONDUIT	479.02	0	00:32	1.36	0.34	0.62
13A-C187	CHANNEL	364.78	0	00:34	0.77	0.02	0.14
13A-C188	CHANNEL	487.99	0	00:32	0.87	0.36	0.75
13A-C189	CHANNEL	332.23	0	00:40	1.21	1.42	1.00
13A-C190	CHANNEL	240.40	0	00:51	0.37	0.04	0.27
13A-C191	CHANNEL	231.82	0	00:33	0.67	0.08	0.61
13A-C192	CHANNEL	3.37	0	01:02	0.24	0.18	0.76
13A-C193	CHANNEL	264.61	0	00:35	0.75	0.30	0.60
13A-C194	CHANNEL	24.13	0	00:32	0.46	0.04	0.15
13A-C195	CONDUIT	31.58	0	00:32	0.90	0.58	0.76
13A-C204	CHANNEL	497.39	0	00:00	1.01	0.02	0.81
13A-C205	CONDUIT	121.52	0	00:33	1.00	0.69	1.00
13A-C206	CONDUIT	142.27	0	00:30	1.13	18.12	1.00
13A-C207	CONDUIT	117.32	0	00:32	1.11	1.24	1.00
13A-C209	CONDUIT	293.36	0	00:32	2.01	0.46	0.70
13A-C210	CHANNEL	26.43	0	00:32	0.62	0.01	0.25
13A-C211	CONDUIT	240.51	0	00:52	0.76	0.60	0.78
13A-C212	CONDUIT	191.98	0	01:03	0.94	0.55	0.42
13A-C213	CHANNEL	532.02	0	00:40	0.53	0.06	0.46
13A-C214	CHANNEL	533.67	0	00:39	0.83	0.06	0.59
13A-C217	CONDUIT	61.80	0	00:32	2.89	0.31	0.69
13A-C218	CONDUIT	285.00	0	00:33	0.52	0.06	0.41
13A-C219	CONDUIT	88.72	0	00:33	3.07	1.74	1.00
13B-C001	CONDUIT	182.82	0	00:32	3.32	0.75	0.73
13B-C002	CONDUIT	53.61	0	00:33	0.85	0.88	1.00
13B-C003	CONDUIT	57.71	0	00:33	0.82	1.08	1.00
13B-C004	CONDUIT	63.49	0	00:33	0.90	1.01	1.00
13B-C005	CONDUIT	9.45	0	00:32	0.40	0.20	1.00
13B-C006	CONDUIT	265.63	0	01:14	0.59	0.84	1.00
13B-C010	CHANNEL	347.41	0	00:32	0.83	0.21	1.00
13B-C011	CHANNEL	98.90	0	00:32	0.28	0.03	0.60
13B-C012	CONDUIT	160.77	0	00:35	1.28	1.24	1.00
13B-C013	CONDUIT	105.02	0	02:00	0.84	1.73	1.00
13B-C014	CONDUIT	137.06	0	00:33	1.09	1.54	1.00
13B-C015	CONDUIT	27.26	0	00:30	2.53	0.87	1.00
13B-C017	CONDUIT	26.10	0	00:47	2.77	0.78	0.84
13B-C018	CONDUIT	26.17	0	00:35	2.36	0.84	1.00
13B-C019	CONDUIT	41.05	0	00:30	1.40	0.76	1.00
13B-C020	CONDUIT	41.79	0	00:30	1.42	0.90	1.00
13B-C021	CONDUIT	146.54	0	00:33	2.32	0.89	1.00
13B-C022	CONDUIT	121.79	0	00:40	1.76	1.26	1.00
13B-C023	CONDUIT	108.09	0	00:38	1.99	0.39	0.72
13B-C024	CONDUIT	108.09	0	00:38	4.51	0.45	0.52
13B-C025	CONDUIT	108.09	0	00:38	4.19	0.83	0.86
13B-C026	CONDUIT	167.63	0	00:32	2.52	0.75	1.00
13B-C027	CONDUIT	181.16	0	00:32	4.11	0.71	0.95
13B-C028	CONDUIT	183.57	0	00:32	3.10	0.74	0.78
13B-C029	CONDUIT	171.79	0	00:32	2.62	0.83	1.00
13B-C030	CONDUIT	173.08	0	00:32	2.45	1.03	1.00
13B-C031	CONDUIT	64.33	0	00:32	1.56	0.30	0.57
13B-C032	CONDUIT	64.58	0	00:32	2.24	0.32	0.43
13B-C033	CONDUIT	102.72	0	00:32	2.85	0.46	0.51
13B-C034	CONDUIT	126.32	0	00:32	1.79	0.69	1.00
13B-C035	CONDUIT	135.67	0	00:33	1.92	0.88	1.00
13B-C036	CONDUIT	137.68	0	00:32	2.33	0.66	1.00
13B-C037	CONDUIT	98.61	0	00:32	1.73	0.47	0.90
13B-C038	CONDUIT	102.90	0	00:32	2.42	0.49	0.66
13B-C039	CONDUIT	102.13	0	00:32	2.61	0.44	0.54
13B-C040	CONDUIT	102.48	0	00:32	2.84	0.43	0.51
13B-C041	CONDUIT	77.88	0	00:32	2.54	0.34	0.45
13B-C042	CONDUIT	77.96	0	00:32	2.31	0.39	0.49
13B-C043	CONDUIT	76.98	0	00:32	1.57	0.63	0.66
13B-C044	CONDUIT	74.22	0	00:32	1.33	0.57	0.84
13B-C045	CONDUIT	67.92	0	00:33	0.99	0.86	1.00
13B-C046	CONDUIT	78.23	0	00:32	2.71	0.32	0.43
13B-C047	CONDUIT	328.07	0	00:56	1.21	1.37	1.00
13B-C048	CHANNEL	275.02	0	01:05	0.45	0.34	0.73
13B-C049	CHANNEL	353.44	0	00:35	0.61	0.08	0.55
13B-C050	CONDUIT	375.68	0	00:34	1.38	2.07	1.00
13B-C051	CONDUIT	518.72	0	00:53	0.55	0.07	0.45
13B-C052	CONDUIT	121.10	0	01:10	0.96	1.74	1.00
13B-C053	CONDUIT	43.05	0	00:28	2.44	1.10	1.00
13B-C054	CONDUIT	33.33	0	00:24	1.92	1.00	1.00
13B-C055	CONDUIT	33.25	0	01:13	1.88	1.22	1.00
13B-C058	CONDUIT	0.00	0	00:00	0.00	0.00	0.14
13B-C059	CHANNEL	39.33	0	00:32	0.83	0.12	0.33
13B-C060	CHANNEL	13.00	0	00:34	0.17	0.26	0.69
13B-C061	CHANNEL	27.71	0	00:33	0.28	0.10	0.44
13B-C063	CONDUIT	122.75	0	01:11	0.98	0.86	1.00
13B-C064	CONDUIT	211.26	0	00:32	1.68	5.11	1.00
13B-C065	CONDUIT	184.03	0	00:33	1.46	1.01	1.00
13B-C066	CONDUIT	172.68	0	00:37	1.48	1.61	0.88
13B-C068	CONDUIT	253.99	0	00:34	1.43	1.27	0.85
13B-C069	CONDUIT	258.76	0	00:33	1.32	3.82	1.00
13B-C070	CONDUIT	269.13	0	00:33	1.37	4.20	1.00
13B-C077	CONDUIT	274.58	0	00:47	0.56	0.12	1.00
13B-C078	CONDUIT	130.43	0	00:31	1.87	1.76	1.00
13B-C086	CONDUIT	151.10	0	00:32	2.10	2.36	1.00
13B-C087	CHANNEL	518.24	0	00:54	0.77	0.03	0.19
13B-C088	CONDUIT	0.00	0	00:00	0.00	0.00	0.02
13B-C089	CONDUIT	276.52	0	00:32	1.26	0.49	1.00
13B-C090	CONDUIT	40.45	0	00:34	1.30	1.06	1.00
13B-C091	CONDUIT	41.22	0	00:33	1.47	0.90	1.00
13B-C092	CONDUIT	26.88	0	00:30	3.29	0.79	0.83
13B-C094	CONDUIT	166.97	0	00:33	2.36	0.88	1.00
13B-C095	CONDUIT	204.94	0	00:31	2.90	0.87	1.00
13B-C096	CHANNEL	30.85	0	00:33	0.39	0.01	0.40
13B-C097	CHANNEL	193.34	0	00:32	1.08	0.38	0.82
13B-C098	CONDUIT	192.58	0	00:33	1.53	2.64	1.00
13B-C099	CONDUIT	60.44	0	00:32	1.04	1.04	0.76
13B-C100	CONDUIT	57.00	0	00:33	2.91	0.21	0.31
13B-C101	CONDUIT	61.55	0	00:32	1.43	0.54	0.58
13B-C102	CONDUIT	61.75	0	00:32	1.74	0.33	0.53
13B-C104	CHANNEL	0.00	0	00:00	0.00	0.00	0.12
13B-C105	CHANNEL	29.23	0	00:40	0.09	0.02	0.49
13B-C106	CHANNEL	131.75	0	00:37	0.49	0.45	1.00
13B-C107	CONDUIT	147.27	0	00:32	1.10	0.27	1.00
13B-C108	CHANNEL	253.54	0	00:25	0.44	0.12	1.00
13B-C109	CHANNEL	641.05	0	00:36	0.58	0.43	0.68
13B-C110	CHANNEL	6.55	0	00:33	0.24	0.03	0.40
13B-C111	CHANNEL	20.77	0	00:45	0.17	0.40	0.68
13B-C112	CHANNEL	59.33	0	00:39	0.12	0.02	0.62
13B-C113	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
13B-C114	CONDUIT	113.80	0	00:31	1.61	1.08	1.00
13B-C115	CONDUIT	105.81	0	00:32	1.50	1.36	1.00
13B-C116	CONDUIT	250.54	0	01:16	0.89	2.00	1.00
13B-C117	CONDUIT	256.20	0	01:15	0.91	1.57	1.00
13B-C118	CONDUIT	51.31	0	00:33	1.20	0.35	1.00
13B-C119	CONDUIT	114.10	0	01:35	1.05	0.52	1.00

13B-C121	CHANNEL	2.73	0	00:00	0.08	0.00	0.05
13B-P001	PUMP	421.39	0	00:34			

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Flow Classification Summary
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Conduit	Adjusted /Actual Length	Fraction of Time in Flow Class: Dry	Up Dry	Down Dry	Sub Crit	Sup Crit	Up Crit	Down Crit	Avg. Froude Number	Avg. Flow Change
13A-C001	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.0001
13A-C002	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.01	0.0000
13A-C003	1.00	0.02	0.01	0.00	0.04	0.00	0.93	0.00	0.02	0.0000
13A-C009	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.49	0.0000
13A-C010	1.00	0.02	0.00	0.00	0.97	0.00	0.00	0.01	0.02	0.0001
13A-C011	1.00	0.02	0.00	0.00	0.97	0.00	0.00	0.01	0.02	0.0011
13A-C012	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.02	0.0001
13A-C013	1.00	0.02	0.38	0.00	0.60	0.00	0.00	0.00	0.01	0.0001
13A-C014	1.00	0.02	0.00	0.00	0.60	0.00	0.00	0.38	0.02	0.0000
13A-C015	1.00	0.02	0.00	0.00	0.91	0.07	0.00	0.00	0.17	0.0000
13A-C016	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.45	0.0000
13A-C017	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.31	0.0000
13A-C018	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.02	0.0001
13A-C021	1.00	0.02	0.01	0.00	0.97	0.00	0.00	0.00	0.53	0.0000
13A-C022	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.47	0.0000
13A-C023	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.49	0.0000
13A-C024	1.00	0.02	0.68	0.00	0.23	0.07	0.00	0.00	0.11	0.0000
13A-C025	1.00	0.02	0.00	0.00	0.26	0.00	0.00	0.71	0.05	0.0000
13A-C026	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.02	0.0000
13A-C027	1.00	0.02	0.00	0.00	0.00	0.05	0.00	0.93	0.34	0.0000
13A-C028	1.00	0.02	0.00	0.00	0.01	0.01	0.00	0.95	0.49	0.0000
13A-C029	1.00	0.02	0.71	0.00	0.12	0.16	0.00	0.00	0.45	0.0000
13A-C030	1.00	0.02	0.00	0.00	0.00	0.01	0.00	0.97	0.61	0.0000
13A-C031	1.00	0.02	0.00	0.00	0.82	0.16	0.00	0.00	0.35	0.0000
13A-C032	1.00	0.02	0.00	0.00	0.01	0.01	0.00	0.97	0.43	0.0000
13A-C033	1.00	0.02	0.80	0.00	0.09	0.08	0.00	0.00	0.14	0.0000
13A-C034	1.00	0.95	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
13A-C036	1.00	0.02	0.00	0.00	0.15	0.00	0.00	0.83	0.36	0.0000
13A-C037	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.08	0.0000
13A-C038	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.02	0.0000
13A-C039	1.00	0.02	0.01	0.00	0.97	0.00	0.00	0.00	0.18	0.0000
13A-C041	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.20	0.0000
13A-C042	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.04	0.0000
13A-C045	1.00	0.02	0.63	0.00	0.35	0.00	0.00	0.00	0.07	0.0000
13A-C047	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.27	0.0000
13A-C048	1.00	0.02	0.49	0.00	0.49	0.00	0.00	0.00	0.00	0.0000
13A-C049	1.00	0.02	0.45	0.00	0.52	0.00	0.00	0.01	0.10	0.0000
13A-C050	1.00	0.03	0.00	0.00	0.96	0.00	0.00	0.00	0.02	0.0000
13A-C051	1.00	0.03	0.00	0.00	0.12	0.00	0.00	0.84	0.18	0.0000
13A-C052	1.00	0.03	0.30	0.00	0.67	0.00	0.00	0.00	0.11	0.0000
13A-C053	1.00	0.03	0.00	0.00	0.67	0.00	0.00	0.30	0.23	0.0000
13A-C054	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.30	0.0000
13A-C055	1.00	0.03	0.00	0.00	0.93	0.00	0.04	0.00	0.06	0.0000
13A-C056	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.04	0.0000
13A-C057	1.00	0.02	0.01	0.00	0.96	0.00	0.00	0.00	0.02	0.0000
13A-C058	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.19	0.0001
13A-C059	1.00	0.02	0.00	0.00	0.97	0.00	0.01	0.00	0.19	0.0000
13A-C060	1.00	0.02	0.00	0.00	0.97	0.00	0.00	0.00	0.02	0.0000
13A-C061	1.00	0.02	0.00	0.00	0.94	0.00	0.00	0.04	0.24	0.0001
13A-C062	1.00	0.02	0.00	0.00	0.97	0.00	0.00	0.01	0.18	0.0000
13A-C063	1.00	0.03	0.13	0.00	0.84	0.00	0.00	0.00	0.02	0.0001
13A-C064	1.00	0.02	0.00	0.00	0.97	0.01	0.00	0.00	0.04	0.0000
13A-C065	1.00	0.03	0.00	0.00	0.96	0.00	0.00	0.01	0.05	0.0001
13A-C066	1.00	0.03	0.00	0.00	0.83	0.00	0.00	0.14	0.28	0.0001
13A-C067	1.00	0.02	0.00	0.00	0.80	0.15	0.00	0.02	0.50	0.0000
13A-C068	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.15	0.0000
13A-C069	1.00	0.02	0.00	0.00	0.97	0.01	0.00	0.00	0.03	0.0000
13A-C070	1.00	0.02	0.00	0.00	0.13	0.00	0.00	0.85	0.16	0.0000
13A-C071	1.00	0.02	0.00	0.00	0.97	0.01	0.00	0.00	0.04	0.0000
13A-C072	1.00	0.02	0.00	0.00	0.97	0.00	0.00	0.01	0.39	0.0000
13A-C073	1.00	0.02	0.00	0.00	0.24	0.00	0.00	0.74	0.33	0.0000
13A-C074	1.00	0.02	0.68	0.00	0.19	0.11	0.00	0.00	0.24	0.0000
13A-C075	1.00	0.02	0.00	0.00	0.15	0.15	0.00	0.68	0.36	0.0000
13A-C076	1.00	0.02	0.69	0.00	0.25	0.05	0.00	0.00	0.09	0.0000
13A-C077	1.00	0.02	0.00	0.00	0.00	0.01	0.00	0.97	0.30	0.0000
13A-C078	1.00	0.02	0.61	0.00	0.37	0.01	0.00	0.00	0.11	0.0000
13A-C079	1.00	0.02	0.00	0.00	0.19	0.18	0.00	0.62	0.29	0.0000
13A-C080	1.00	0.02	0.00	0.00	0.02	0.00	0.00	0.96	0.35	0.0000
13A-C081	1.00	0.02	0.00	0.00	0.02	0.03	0.00	0.93	0.37	0.0000
13A-C083	1.00	0.01	0.59	0.00	0.38	0.02	0.00	0.00	0.06	0.0000
13A-C084	1.00	0.02	0.69	0.00	0.29	0.00	0.00	0.00	0.06	0.0000
13A-C085	1.00	0.02	0.00	0.00	0.27	0.00	0.00	0.71	0.21	0.0000
13A-C088	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.68	0.0000
13A-C089	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.57	0.0000
13A-C090	1.00	0.90	0.00	0.00	0.02	0.01	0.00	0.08	0.15	0.0000
13A-C091	1.00	0.02	0.00	0.00	0.79	0.19	0.00	0.01	0.35	0.0000
13A-C092	1.00	0.02	0.00	0.00	0.79	0.11	0.00	0.07	0.33	0.0000
13A-C093	1.00	0.02	0.61	0.00	0.36	0.00	0.00	0.01	0.17	0.0000
13A-C094	1.00	0.02	0.00	0.00	0.24	0.12	0.00	0.62	0.23	0.0000
13A-C095	1.00	0.02	0.00	0.00	0.79	0.19	0.00	0.00	0.35	0.0000
13A-C096	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.28	0.0000
13A-C097	1.00	0.02	0.00	0.00	0.06	0.00	0.92	0.00	0.07	0.0000
13A-C098	1.00	0.02	0.04	0.00	0.94	0.00	0.00	0.00	0.24	0.0000
13A-C099	1.00	0.02	0.00	0.00	0.04	0.00	0.00	0.94	0.28	0.0000
13A-C100	1.00	0.02	0.58	0.00	0.40	0.00	0.00	0.00	0.06	0.0000
13A-C101	1.00	0.02	0.00	0.00	0.90	0.00	0.07	0.00	0.04	0.0000
13A-C102	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.07	0.0000
13A-C106	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.0001
13A-C110	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.0001
13A-C111	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.99	0.95	0.0000
13A-C112	1.00	0.00	0.02	0.00	0.97	0.00	0.00	0.00	0.47	0.0000
13A-C113	1.00	0.55	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
13A-C114	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.15	0.0000
13A-C115	1.00	0.02	0.00	0.00	0.34	0.64	0.00	0.00	1.10	0.0000
13A-C116	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.01	0.21	0.0000
13A-C117	1.00	0.02	0.54	0.00	0.44	0.00	0.00	0.00	0.05	0.0000
13A-C118	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.06	0.0000
13A-C120	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.22	0.0000
13A-C121	1.00	0.02	0.00	0.00	0.08	0.01	0.00	0.89	0.69	0.0000
13A-C122	1.00	0.02	0.00	0.00	0.02	0.00	0.00	0.96	0.20	0.0000
13A-C123	1.00	0.02	0.95	0.00	0.01	0.00	0.01	0.00	0.00	0.0000
13A-C125	1.00	0.02	0.00	0.00	0.52	0.00	0.00	0.46	0.17	0.0000
13A-C126	1.00	0.02	0.00	0.00	0.02	0.00	0.00	0.96	0.17	0.0000
13A-C127	1.00	0.02	0.00	0.00	0.03	0.03	0.00	0.91	0.51	0.0000
13A-C138	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.0000
13A-C139	1.00	0.02	0.00	0.00	0.02	0.06	0.00	0.90	0.33	0.0000
13A-C140	1.00	0.85	0.02	0.00	0.02	0.00	0.11	0.00	0.07	0.0000
13A-C141	1.00	0.02	0.00	0.00	0.02	0.00	0.00	0.96	0.46	0.0000
13A-C142	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.11	0.0000
13A-C143	1.00	0.04	0.00	0.00	0.95	0.00	0.00	0.01	0.28	0.0000
13A-C144	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.0000
13A-C145	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.0000
13A-C147	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.0000
13A-C148	1.00	0.03	0.01	0.00	0.96	0.00	0.00	0.00	0.03	0.0000
13A-C149	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.04	0.0000
13A-C150	1.00	0.02	0.00	0.00	0.04	0.00	0.00	0.94	0.28	0.0000
13A-C151	1.00	0.02	0.70	0.00	0.27	0.00	0.00	0.01	0.05	0.0000
13A-C152	1.00	0.02	0.00	0.00	0.19	0.08	0.00	0.72	0.19	0.0000
13A-C153	1.00	0.02	0.00	0.00	0.23	0.06	0.00	0.69	0.19	0.0000
13A-C154	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.23	0.0000
13A-C155	1.00	0.02	0.67	0.00	0.24	0.07	0.00	0.00	0.17	0.0000
13A-C159	1.00	0.02	0.03	0.00	0.94	0.00	0.00	0.01	0.05	0.0000
13A-C160	1.00	0.02	0.00	0.00	0.25	0.73	0.00	0.00	1.15	0.0000
13A-C162	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.70	0.0000
13A-C163	1.00	0.03	0.02	0.00	0.96	0.00	0.00	0.00	0.20	0.0000
13A-C164	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.01	0.0000
13A-C165	1.00	0.03	0.00	0.00	0.89	0.08	0.00	0.00	0.40	0.0000
13A-C166	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.34	0.0000
13A-C167	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.47	0.0000
13A-C174	1.00	0.03	0.00	0.00	0.12	0.00	0.00	0.85	0.49	0.0000
13A-C176	1.00	0.02	0.00	0.00	0.80	0.08	0.00	0.10	0.67	0.0000
13A-C177	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.12	0.0000
13A-C179	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.37	0.0000
13A-C185	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.14	0.0000
13A-C186	1.00	0.02	0.00	0.00	0.03	0.00	0.00	0.95	0.57	0.0000
13A-C187	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.08	0.0000
13A-C188	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.37	0.0000
13A-C189	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.09	0.0002
13A-C190	1.00	0.03	0.01	0.00	0.96	0.00	0.00	0.00	0.03	0.0000
13A-C191	1.00	0.00	0.55	0.00	0.45	0.00	0.00	0.00	0.01	0.0000
13A-C192	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.17	0.0000
13A-C193	1.00	0.02	0.00	0.00	0.15	0.00	0.00	0.83	0.28	0.0000
13A-C194	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.69	0.0000
13A-C195	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.20	0.0000
13A-C204	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.0000
13A-C205	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.05	0.0000
13A-C206	1.00	0.02	0.00	0.00	0.97	0.00	0.00	0.01	0.02	0.0009
13A-C207	1.00	0.03	0.00	0.00	0.12	0.00	0.00	0.85	0.32	0.0001
13A-C209	1.00	0.02	0.53	0.00	0.42	0.03	0.00	0.00	0.10	0.0000
13A-C210	1.00	0.02	0.00	0.00	0.94	0.04	0.00	0.00	0.11	0.0000
13A-C211	1.00	0.02	0.00	0.00	0.97	0.00	0.00	0.00	0.03	0.0000
13A-C212	1.00	0.02	0.00	0.00	0.85	0.00	0.00	0.13	0.38	0.0000
13A-C213	1.00	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.04	0.0000

13A-C214	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.12	0.0000
13A-C217	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.55	0.0000
13A-C218	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.01	0.0000
13A-C219	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.32	0.0001
13B-C001	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.55	0.0000
13B-C002	1.00	0.02	0.00	0.00	0.18	0.00	0.00	0.79	0.10	0.0000
13B-C003	1.00	0.02	0.00	0.00	0.14	0.00	0.00	0.84	0.12	0.0000
13B-C004	1.00	0.02	0.60	0.00	0.38	0.00	0.00	0.01	0.07	0.0000
13B-C005	1.00	0.02	0.02	0.00	0.08	0.00	0.00	0.88	0.00	0.0000
13B-C006	1.00	0.02	0.01	0.00	0.25	0.00	0.72	0.00	0.05	0.0000
13B-C010	1.00	0.02	0.72	0.00	0.26	0.00	0.00	0.00	0.02	0.0000
13B-C011	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.01	0.0000
13B-C012	1.00	0.02	0.66	0.00	0.21	0.00	0.11	0.00	0.00	0.0001
13B-C013	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.01	0.0001
13B-C014	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.05	0.0001
13B-C015	1.00	0.02	0.00	0.00	0.86	0.11	0.00	0.00	0.36	0.0000
13B-C017	1.00	0.02	0.00	0.00	0.83	0.11	0.00	0.05	0.41	0.0000
13B-C018	1.00	0.02	0.00	0.00	0.86	0.12	0.00	0.00	0.28	0.0000
13B-C019	1.00	0.02	0.00	0.00	0.69	0.11	0.00	0.18	0.23	0.0000
13B-C020	1.00	0.02	0.00	0.00	0.88	0.00	0.10	0.00	0.04	0.0000
13B-C021	1.00	0.02	0.00	0.00	0.01	0.01	0.00	0.97	0.46	0.0000
13B-C022	1.00	0.02	0.00	0.00	0.02	0.00	0.00	0.96	0.32	0.0000
13B-C023	1.00	0.02	0.63	0.00	0.16	0.18	0.00	0.00	0.35	0.0000
13B-C024	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	1.10	0.0000
13B-C025	1.00	0.02	0.00	0.00	0.72	0.12	0.00	0.14	0.94	0.0000
13B-C026	1.00	0.02	0.00	0.00	0.73	0.13	0.00	0.12	0.52	0.0000
13B-C027	1.00	0.02	0.00	0.00	0.78	0.19	0.00	0.00	0.62	0.0000
13B-C028	1.00	0.02	0.00	0.00	0.81	0.17	0.00	0.00	0.47	0.0000
13B-C029	1.00	0.02	0.00	0.00	0.74	0.16	0.00	0.08	0.50	0.0000
13B-C030	1.00	0.02	0.00	0.00	0.77	0.11	0.00	0.10	0.42	0.0000
13B-C031	1.00	0.02	0.00	0.00	0.83	0.15	0.00	0.00	0.23	0.0000
13B-C032	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.38	0.0000
13B-C033	1.00	0.02	0.00	0.00	0.84	0.10	0.00	0.04	0.38	0.0000
13B-C034	1.00	0.02	0.70	0.00	0.17	0.10	0.00	0.00	0.19	0.0000
13B-C035	1.00	0.02	0.00	0.00	0.13	0.05	0.00	0.79	0.29	0.0000
13B-C036	1.00	0.02	0.00	0.00	0.01	0.00	0.00	0.97	0.43	0.0000
13B-C037	1.00	0.02	0.73	0.00	0.10	0.16	0.00	0.00	0.31	0.0000
13B-C038	1.00	0.02	0.00	0.00	0.09	0.16	0.00	0.73	0.39	0.0000
13B-C039	1.00	0.02	0.00	0.00	0.82	0.16	0.00	0.00	0.39	0.0000
13B-C040	1.00	0.02	0.00	0.00	0.83	0.15	0.00	0.00	0.41	0.0000
13B-C041	1.00	0.02	0.76	0.00	0.10	0.12	0.00	0.00	0.33	0.0000
13B-C042	1.00	0.02	0.00	0.00	0.00	0.01	0.00	0.97	0.38	0.0000
13B-C043	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.26	0.0000
13B-C044	1.00	0.02	0.70	0.00	0.25	0.02	0.00	0.00	0.11	0.0000
13B-C045	1.00	0.02	0.00	0.00	0.12	0.00	0.00	0.86	0.13	0.0000
13B-C046	1.00	0.02	0.00	0.00	0.10	0.12	0.00	0.76	0.35	0.0000
13B-C047	1.00	0.02	0.00	0.00	0.13	0.00	0.00	0.85	0.33	0.0000
13B-C048	1.00	0.01	0.01	0.00	0.98	0.00	0.00	0.00	0.01	0.0000
13B-C049	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.03	0.0000
13B-C050	1.00	0.02	0.00	0.00	0.97	0.00	0.00	0.01	0.07	0.0001
13B-C051	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.06	0.0000
13B-C052	1.00	0.02	0.00	0.00	0.97	0.00	0.00	0.01	0.23	0.0001
13B-C053	1.00	0.02	0.00	0.00	0.73	0.24	0.00	0.01	0.45	0.0000
13B-C054	1.00	0.02	0.00	0.00	0.52	0.21	0.00	0.24	0.38	0.0000
13B-C055	1.00	0.02	0.24	0.00	0.74	0.00	0.00	0.00	0.02	0.0000
13B-C058	1.00	0.03	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
13B-C059	1.00	0.02	0.00	0.00	0.97	0.01	0.00	0.00	0.07	0.0000
13B-C060	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.01	0.0000
13B-C061	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.02	0.0000
13B-C063	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.19	0.0001
13B-C064	1.00	0.02	0.00	0.00	0.97	0.00	0.00	0.01	0.13	0.0002
13B-C065	1.00	0.02	0.00	0.00	0.97	0.00	0.00	0.01	0.43	0.0000
13B-C066	1.00	0.02	0.00	0.00	0.75	0.00	0.00	0.23	0.17	0.0001
13B-C068	1.00	0.02	0.00	0.00	0.94	0.00	0.00	0.04	0.06	0.0000
13B-C069	1.00	0.02	0.00	0.00	0.97	0.00	0.00	0.01	0.07	0.0001
13B-C070	1.00	0.02	0.17	0.00	0.81	0.00	0.00	0.01	0.05	0.0001
13B-C077	1.00	0.02	0.01	0.00	0.97	0.00	0.00	0.00	0.01	0.0000
13B-C078	1.00	0.02	0.00	0.00	0.10	0.00	0.00	0.88	0.21	0.0001
13B-C086	1.00	0.02	0.00	0.00	0.15	0.00	0.00	0.83	0.26	0.0001
13B-C087	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.11	0.0000
13B-C088	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
13B-C089	1.00	0.55	0.00	0.00	0.25	0.00	0.00	0.20	0.06	0.0000
13B-C090	1.00	0.02	0.17	0.00	0.69	0.02	0.00	0.09	0.23	0.0000
13B-C091	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.97	0.36	0.0000
13B-C092	1.00	0.02	0.00	0.00	0.00	0.03	0.00	0.95	0.58	0.0000
13B-C094	1.00	0.02	0.00	0.00	0.25	0.14	0.00	0.59	0.26	0.0000
13B-C095	1.00	0.02	0.59	0.00	0.28	0.11	0.00	0.00	0.24	0.0000
13B-C096	1.00	0.02	0.00	0.00	0.97	0.01	0.00	0.00	0.02	0.0000
13B-C097	1.00	0.02	0.00	0.00	0.97	0.01	0.00	0.00	0.36	0.0000
13B-C098	1.00	0.02	0.00	0.00	0.92	0.00	0.00	0.06	0.29	0.0001
13B-C099	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.19	0.0000
13B-C100	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.79	0.0000
13B-C101	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.26	0.0000
13B-C102	1.00	0.02	0.00	0.00	0.00	0.01	0.00	0.97	0.39	0.0000
13B-C104	1.00	0.06	0.94	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
13B-C105	1.00	0.04	0.02	0.00	0.94	0.00	0.00	0.00	0.01	0.0000
13B-C106	1.00	0.03	0.01	0.00	0.96	0.00	0.00	0.00	0.01	0.0000
13B-C107	1.00	0.02	0.23	0.00	0.75	0.00	0.00	0.00	0.05	0.0000
13B-C108	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.02	0.0000
13B-C109	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.03	0.0000
13B-C110	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.07	0.0000
13B-C111	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.11	0.0000
13B-C112	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.00	0.0000
13B-C113	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
13B-C114	1.00	0.02	0.00	0.00	0.05	0.00	0.00	0.93	0.26	0.0000
13B-C115	1.00	0.02	0.00	0.00	0.13	0.00	0.00	0.85	0.14	0.0000
13B-C116	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.04	0.0001
13B-C117	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.04	0.0001
13B-C118	1.00	0.02	0.00	0.00	0.22	0.00	0.00	0.76	0.21	0.0000
13B-C119	1.00	0.02	0.00	0.00	0.97	0.00	0.00	0.01	0.28	0.0000
13B-C121	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.0000

****
Conduit Surcharge Summary
****

Conduit	Hours Full (Both Ends)	Hours Full (Upstream)	Hours Full (Dnstream)	Hours Above Full Normal Flow	Hours Capacity Limited
13A-C009	0.77	0.77	0.77	0.01	0.01
13A-C010	0.66	0.66	0.66	0.71	0.65
13A-C011	0.68	0.68	0.68	1.03	0.68
13A-C012	0.70	0.70	0.70	0.26	0.63
13A-C013	0.75	0.75	0.75	0.49	0.57
13A-C014	0.60	0.60	0.60	0.01	0.01
13A-C018	0.62	0.62	0.62	0.71	0.62
13A-C026	0.01	0.01	0.01	0.32	0.01
13A-C027	0.01	0.01	0.01	0.18	0.01
13A-C028	0.09	0.09	0.09	0.01	0.01
13A-C029	0.06	0.06	0.06	0.01	0.01
13A-C048	0.97	0.97	0.97	0.01	0.01
13A-C063	1.08	1.08	1.08	0.01	0.01
13A-C065	1.10	1.10	1.10	1.16	1.10
13A-C066	1.00	1.00	1.00	0.01	0.01
13A-C067	0.40	0.40	0.40	0.01	0.01
13A-C076	0.02	0.02	0.02	0.01	0.01
13A-C078	0.02	0.02	0.02	0.01	0.01
13A-C081	0.11	0.11	0.11	0.04	0.08
13A-C084	0.10	0.10	0.10	0.01	0.01
13A-C085	0.01	0.01	0.01	0.19	0.01
13A-C093	0.01	0.01	0.01	0.03	0.01
13A-C096	0.01	0.01	0.01	0.41	0.01
13A-C097	0.01	0.01	0.01	0.19	0.01
13A-C100	0.17	0.17	0.17	0.01	0.01
13A-C101	0.04	0.04	0.04	0.01	0.01
13A-C102	0.04	0.04	0.04	0.01	0.01
13A-C114	0.01	0.01	0.01	0.07	0.01
13A-C116	0.93	0.93	0.93	0.01	0.01
13A-C118	0.07	0.07	0.07	0.07	0.06
13A-C120	0.09	0.09	0.09	0.01	0.06
13A-C138	1.15	1.15	1.15	0.01	0.01
13A-C144	14.97	14.97	14.97	0.01	0.01
13A-C145	15.00	15.00	15.00	0.01	0.01
13A-C162	0.01	0.01	0.01	0.21	0.01
13A-C164	1.00	1.00	1.00	0.01	0.30
13A-C165	0.87	0.87	0.87	0.01	0.01
13A-C174	0.54	0.54	0.54	0.01	0.01
13A-C177	0.16	0.16	0.16	0.01	0.14
13A-C189	0.06	0.06	0.07	0.27	0.06
13A-C205	0.54	0.54	0.54	0.01	0.01
13A-C206	0.69	0.69	0.69	0.83	0.69
13A-C207	0.85	0.85	0.85	0.36	0.48
13A-C219	0.12	0.12	0.12	0.13	0.12
13B-C002	0.68	0.68	0.68	0.01	0.03
13B-C003	0.55	0.55	0.55	0.05	0.10
13B-C004	0.19	0.19	0.19	0.01	0.05
13B-C005	0.08	0.08	0.08	0.01	0.01
13B-C006	0.65	0.65	0.65	0.01	0.01
13B-C010	0.45	0.45	0.45	0.01	0.01
13B-C012	1.74	1.74	1.74	0.23	0.01
13B-C013	1.73	1.73	1.73	1.43	0.01
13B-C014	1.74	1.74	1.74	1.07	1.08
13B-C015	0.20	0.20	0.20	0.01	0.15

13B-C018	0.21	0.21	0.21	0.01	0.19
13B-C019	0.02	0.02	0.02	0.01	0.01
13B-C020	0.02	0.02	0.02	0.01	0.01
13B-C021	0.06	0.06	0.06	0.01	0.01
13B-C022	0.17	0.17	0.17	0.18	0.10
13B-C026	0.07	0.07	0.07	0.01	0.01
13B-C029	0.07	0.07	0.07	0.01	0.06
13B-C030	0.08	0.08	0.08	0.05	0.08
13B-C034	0.25	0.25	0.25	0.01	0.01
13B-C035	0.08	0.08	0.08	0.01	0.03
13B-C036	0.06	0.06	0.06	0.01	0.01
13B-C045	0.25	0.25	0.25	0.01	0.01
13B-C047	0.64	0.64	0.64	0.97	0.64
13B-C050	0.49	0.49	0.49	0.83	0.49
13B-C052	1.73	1.73	1.73	1.67	1.50
13B-C053	0.67	0.67	0.67	0.09	0.12
13B-C054	0.84	0.84	0.84	0.01	0.41
13B-C055	0.91	0.91	0.91	0.69	0.77
13B-C063	1.73	1.73	1.73	0.01	0.01
13B-C064	1.80	1.80	1.80	2.10	1.80
13B-C065	0.85	0.85	0.85	0.03	0.38
13B-C066	0.01	0.01	0.01	1.62	0.01
13B-C068	0.01	0.01	0.01	0.10	0.01
13B-C069	0.06	0.06	0.06	0.34	0.06
13B-C070	0.14	0.14	0.14	0.36	0.14
13B-C077	0.65	0.65	0.65	0.01	0.01
13B-C078	0.65	0.65	0.65	0.78	0.65
13B-C086	1.15	1.15	1.15	1.76	1.15
13B-C089	0.66	0.66	0.66	0.01	0.01
13B-C090	0.02	0.02	0.02	0.14	0.02
13B-C091	0.01	0.01	0.01	0.01	0.01
13B-C094	0.05	0.05	0.05	0.01	0.01
13B-C095	0.21	0.21	0.21	0.01	0.01
13B-C098	0.85	0.85	0.85	1.93	0.85
13B-C099	0.01	0.01	0.01	0.02	0.01
13B-C106	1.06	1.06	1.06	0.01	0.01
13B-C107	1.07	1.07	1.07	0.01	0.01
13B-C108	0.01	0.01	0.01	0.01	0.01
13B-C114	0.28	0.28	0.28	0.04	0.26
13B-C115	0.45	0.45	0.45	0.32	0.28
13B-C116	0.97	0.97	0.97	1.05	0.57
13B-C117	0.89	0.89	0.89	0.68	0.56
13B-C118	0.84	0.84	0.84	0.01	0.01
13B-C119	1.10	1.10	1.10	0.01	0.01

****
Pumping Summary
****

Pump	Percent Utilized	Max Flow LPS	Avg Flow LPS	Total Volume 10^6 ltr	Power Usage Kw-hr	% Time Off Curve
13B-P001	40.79	421.39	80.00	1.198	5.70	0.00

Analysis begun on: Mon Jun 22 16:22:56 2009
Analysis ended on: Mon Jun 22 16:25:35 2009
Total elapsed time: 00:02:39

Tr = 5 anni

```
  EPA STORM WATER MANAGEMENT MODEL - VERSION 5.0 (Build 5.0.015)
  --------------------------------------------------------------

  Sistema Fognario MONTALLESE
  CN2, Beta 0.20
  Maggio 2009

  ***********************************************************
  NOTE: The summary statistics displayed in this report are
  based on results found at every computational time step,
  not just on results from each reporting time step.
  ***********************************************************

  ****************
  Analysis Options
  ****************
  Flow Units ............... LPS
  Process Models:
    Rainfall/Runoff ........ YES
    Snowmelt ............... NO
    Groundwater ............ NO
    Flow Routing ........... YES
    Water Quality .......... NO
  Infiltration Method ...... CURVE_NUMBER
  Flow Routing Method ...... DYNWAVE
  Starting Date ............ APR-01-2011 12:00:00
  Ending Date .............. APR-02-2011 03:00:00
  Antecedent Dry Days ...... 0.0
  Report Time Step ......... 00:01:00
  Wet Time Step ............ 00:05:00
  Dry Time Step ............ 01:00:00
  Routing Time Step ........ 1.00 sec

  WARNING 04: minimum elevation drop used for Conduit 13A-C011
Link 13A-C036, Lfactor = 1.000000, n = 0.035000
Link 13A-C037, Lfactor = 1.000000, n = 0.035000
Link 13A-C038, Lfactor = 1.000000, n = 0.035000
Link 13A-C039, Lfactor = 1.000000, n = 0.035000
Link 13A-C041, Lfactor = 1.000000, n = 0.035000
Link 13A-C042, Lfactor = 1.000000, n = 0.035000
Link 13A-C045, Lfactor = 1.000000, n = 0.035000
Link 13A-C047, Lfactor = 1.000000, n = 0.035000
Link 13A-C068, Lfactor = 1.000000, n = 0.035000
Link 13A-C069, Lfactor = 1.000000, n = 0.035000
Link 13A-C113, Lfactor = 1.000000, n = 0.035000
Link 13A-C114, Lfactor = 1.000000, n = 0.035000
Link 13A-C115, Lfactor = 1.000000, n = 0.035000
Link 13A-C117, Lfactor = 1.000000, n = 0.035000
Link 13A-C141, Lfactor = 1.000000, n = 0.035000
Link 13A-C147, Lfactor = 1.000000, n = 0.035000
Link 13A-C148, Lfactor = 1.000000, n = 0.035000
Link 13A-C149, Lfactor = 1.000000, n = 0.035000
Link 13A-C160, Lfactor = 1.000000, n = 0.035000
Link 13A-C163, Lfactor = 1.000000, n = 0.035000
Link 13A-C185, Lfactor = 1.000000, n = 0.035000
Link 13A-C187, Lfactor = 1.000000, n = 0.035000
Link 13A-C188, Lfactor = 1.000000, n = 0.035000
Link 13A-C189, Lfactor = 1.000000, n = 0.035000
Link 13A-C190, Lfactor = 1.000000, n = 0.035000
Link 13A-C191, Lfactor = 1.000000, n = 0.035000
Link 13A-C192, Lfactor = 1.000000, n = 0.035000
Link 13A-C193, Lfactor = 1.000000, n = 0.035000
Link 13A-C194, Lfactor = 1.000000, n = 0.035000
Link 13A-C204, Lfactor = 1.000000, n = 0.035000
  WARNING 04: minimum elevation drop used for Conduit 13A-C206
Link 13A-C210, Lfactor = 1.000000, n = 0.035000
Link 13A-C213, Lfactor = 1.000000, n = 0.035000
Link 13A-C214, Lfactor = 1.000000, n = 0.035000
Link 13B-C010, Lfactor = 1.000000, n = 0.035000
Link 13B-C011, Lfactor = 1.000000, n = 0.035000
Link 13B-C048, Lfactor = 1.000000, n = 0.035000
Link 13B-C049, Lfactor = 1.000000, n = 0.035000
Link 13B-C059, Lfactor = 1.000000, n = 0.035000
Link 13B-C060, Lfactor = 1.000000, n = 0.035000
Link 13B-C061, Lfactor = 1.000000, n = 0.035000
Link 13B-C087, Lfactor = 1.000000, n = 0.035000
Link 13B-C096, Lfactor = 1.000000, n = 0.035000
Link 13B-C097, Lfactor = 1.000000, n = 0.035000
Link 13B-C104, Lfactor = 1.000000, n = 0.035000
Link 13B-C105, Lfactor = 1.000000, n = 0.035000
Link 13B-C106, Lfactor = 1.000000, n = 0.035000
Link 13B-C108, Lfactor = 1.000000, n = 0.035000
Link 13B-C109, Lfactor = 1.000000, n = 0.035000
Link 13B-C110, Lfactor = 1.000000, n = 0.035000
Link 13B-C111, Lfactor = 1.000000, n = 0.035000
Link 13B-C112, Lfactor = 1.000000, n = 0.035000
Link 13B-C113, Lfactor = 1.000000, n = 0.035000
Link 13B-C121, Lfactor = 1.000000, n = 0.035000
  WARNING 02: maximum depth increased for Node 13A-N073
  WARNING 02: maximum depth increased for Node 13A-N105
  WARNING 02: maximum depth increased for Node 13A-N108
  WARNING 02: maximum depth increased for Node 13A-N109
  WARNING 02: maximum depth increased for Node 13A-N110
  WARNING 02: maximum depth increased for Node 13A-N112
  WARNING 02: maximum depth increased for Node 13A-N118
  WARNING 02: maximum depth increased for Node 13A-N133
  WARNING 02: maximum depth increased for Node 13A-N134
  WARNING 02: maximum depth increased for Node 13A-N143
  WARNING 02: maximum depth increased for Node 13A-N152
  WARNING 02: maximum depth increased for Node 13A-N154
  WARNING 02: maximum depth increased for Node 13A-N155
  WARNING 02: maximum depth increased for Node 13A-N159
  WARNING 02: maximum depth increased for Node 13A-N160
  WARNING 02: maximum depth increased for Node 13A-N161
  WARNING 02: maximum depth increased for Node 13A-N162
  WARNING 02: maximum depth increased for Node 13A-N163
  WARNING 02: maximum depth increased for Node 13A-N164
  WARNING 02: maximum depth increased for Node 13A-N165
  WARNING 02: maximum depth increased for Node 13A-N166
  WARNING 02: maximum depth increased for Node 13A-N167
  WARNING 02: maximum depth increased for Node 13A-N168
  WARNING 02: maximum depth increased for Node 13A-N169
  WARNING 02: maximum depth increased for Node 13A-N170
  WARNING 02: maximum depth increased for Node 13A-N172
  WARNING 02: maximum depth increased for Node 13A-N174
  WARNING 02: maximum depth increased for Node 13A-N175
  WARNING 02: maximum depth increased for Node 13A-N176
  WARNING 02: maximum depth increased for Node 13A-N186
  WARNING 02: maximum depth increased for Node 13A-N187
  WARNING 02: maximum depth increased for Node 13B-N059
  WARNING 02: maximum depth increased for Node 13B-N065
  WARNING 02: maximum depth increased for Node 13B-N076
  WARNING 02: maximum depth increased for Node 13B-N077
  WARNING 02: maximum depth increased for Node 13B-N078
  WARNING 02: maximum depth increased for Node 13B-N088
  WARNING 02: maximum depth increased for Node 13B-N089
  WARNING 02: maximum depth increased for Node 13B-N093
  WARNING 02: maximum depth increased for Node 13B-N094
  WARNING 02: maximum depth increased for Node 13B-N098
  WARNING 02: maximum depth increased for Node 13B-N099
  WARNING 02: maximum depth increased for Node 13B-N100
  WARNING 02: maximum depth increased for Node 13B-N102
  WARNING 02: maximum depth increased for Node 13B-N104
  WARNING 02: maximum depth increased for Node 13B-N105

  *************
  Element Count
  *************
  Number of rain gages ...... 1
  Number of subcatchments ... 86
  Number of nodes ........... 255
  Number of links ........... 255
  Number of pollutants ...... 0
  Number of land uses ....... 0


  ****************
  Raingage Summary
  ****************
                                                Data        Interval
  Name                 Data Source              Type           hours
  ----------------------------------------------------------------
  Chiusi               Piogge_Stor&Sint         CUMULATIVE      0.02


  *********************
  Subcatchment Summary
  *********************
  Name                        Area     Width   %Imperv    %Slope    Rain Gage            Outlet

-----------------------------------------------------------------------------------------------------------
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  13A-S001                    0.22    101.65     70.00    2.4200    Chiusi               13A-N081
```

13A-S002	0.94	195.53	5.00	8.7900	Chiusi	13A-S001
13A-S003	2.98	353.65	60.00	7.8700	Chiusi	13A-N159
13A-S004	1.65	259.06	5.00	7.2900	Chiusi	13A-N186
13A-S005	2.60	244.23	33.00	14.5300	Chiusi	13A-S07A
13A-S006	0.19	87.53	70.00	1.3000	Chiusi	13A-N077
13A-S07A	0.76	175.06	70.00	2.6700	Chiusi	13A-N155
13A-S07B	0.17	96.71	70.00	2.6700	Chiusi	13A-N154
13A-S07C	0.72	244.94	70.00	2.6700	Chiusi	13A-N152
13A-S008	0.07	50.12	70.00	0.5800	Chiusi	13A-N119
13A-S009	0.26	95.29	70.00	1.6900	Chiusi	13A-N124
13A-S010	0.89	240.00	70.00	4.0300	Chiusi	13A-N125
13A-S011	0.25	189.88	70.00	1.1700	Chiusi	13A-N172
13A-S012	0.29	147.53	64.00	0.5500	Chiusi	13A-N158
13A-S013	0.37	110.82	70.00	0.5100	Chiusi	13A-S012
13A-S014	0.31	97.41	70.00	2.7100	Chiusi	13A-N085
13A-S015	0.34	107.29	69.00	2.2400	Chiusi	13A-S001
13A-S016	0.27	113.65	40.00	1.7100	Chiusi	13A-N109
13A-S017	0.58	129.88	49.00	1.9100	Chiusi	13A-N165
13A-S018	0.28	131.29	70.00	0.8700	Chiusi	13A-N146
13A-S019	0.65	149.65	45.00	1.1900	Chiusi	13A-N113
13A-S020	0.53	122.82	70.00	2.7400	Chiusi	13A-N097
13A-S021	0.50	125.65	70.00	1.3500	Chiusi	13A-N149
13A-S022	1.76	231.53	65.00	8.2700	Chiusi	13A-N096
13A-S023	1.42	329.65	40.00	6.9100	Chiusi	13A-N104
13A-S024	2.21	285.88	9.00	0.6100	Chiusi	13A-N143
13A-S025	22.86	951.53	5.00	1.6700	Chiusi	13A-N162
13A-S026	7.22	729.88	21.00	5.4300	Chiusi	13A-S025
13A-S027	15.59	1003.06	8.00	4.3200	Chiusi	13A-S025
13A-S028	0.46	131.29	70.00	3.1700	Chiusi	13A-N094
13A-S029	0.82	151.76	10.00	2.0400	Chiusi	13A-N108
13A-S030	0.45	208.94	70.00	0.3400	Chiusi	13A-N067
13A-S031	0.26	112.94	70.00	0.2600	Chiusi	13A-N060
13A-S032	0.22	148.23	70.00	0.7900	Chiusi	13A-N060
13A-S033	0.19	75.53	70.00	1.9800	Chiusi	13A-N008
13A-S034	0.08	112.23	60.00	3.0500	Chiusi	13A-S033
13A-S035	0.10	66.35	27.00	2.1200	Chiusi	13A-N075
13A-S036	0.07	42.35	5.00	3.0300	Chiusi	13A-N072
13A-S037	0.10	67.76	13.00	1.5600	Chiusi	13A-N105
13A-S38A	1.43	270.35	16.00	1.2900	Chiusi	13A-S46B
13A-S38B	0.88	195.53	16.00	1.2900	Chiusi	13A-S039
13A-S039	0.63	152.47	70.00	0.5600	Chiusi	13A-N001
13A-S040	0.28	112.94	70.00	0.4800	Chiusi	13A-N142
13A-S041	0.04	35.29	70.00	0.2500	Chiusi	13A-N061
13A-S042	0.26	93.18	70.00	4.7400	Chiusi	13A-N020
13A-S043	0.29	98.12	70.00	5.4100	Chiusi	13A-N032
13A-S044	0.22	94.59	70.00	4.0800	Chiusi	13A-N022
13A-S045	1.02	336.70	70.00	1.0300	Chiusi	13A-S011
13A-S46A	1.19	195.53	70.00	1.2900	Chiusi	13A-N110
13A-S46B	0.19	127.76	70.00	1.2900	Chiusi	13A-N175
13A-S047	2.50	286.59	38.00	3.1500	Chiusi	13A-N185
13A-S048	0.33	97.41	5.00	0.7400	Chiusi	13A-N173
13A-S049	0.46	165.88	70.00	3.9800	Chiusi	13A-N062
13A-S050	0.26	103.06	70.00	1.9700	Chiusi	13A-N142
13A-S051	0.37	146.12	70.00	4.0900	Chiusi	13A-N028
13A-S052	0.56	148.23	70.00	3.9700	Chiusi	13A-N024
13A-S053	11.47	797.64	15.00	4.4800	Chiusi	13A-N169
13A-S054	0.08	53.65	70.00	6.1400	Chiusi	13A-N023
13B-S001	0.30	97.41	70.00	3.6900	Chiusi	13B-N041
13B-S002	0.57	124.94	70.00	5.0000	Chiusi	13B-N045
13B-S003	0.21	129.88	70.00	5.0800	Chiusi	13B-N039
13B-S004	0.96	211.06	70.00	3.7300	Chiusi	13B-N059
13B-S005	0.35	206.82	70.00	3.2900	Chiusi	13B-N013
13B-S006	0.54	122.12	70.00	0.7300	Chiusi	13B-N093
13B-S007	0.86	194.82	6.00	3.1400	Chiusi	13B-N068
13B-S008	0.60	154.59	70.00	0.5200	Chiusi	13B-N001
13B-S009	0.28	89.65	70.00	0.7400	Chiusi	13B-N002
13B-S010	1.70	243.53	70.00	0.7900	Chiusi	13B-N070
13B-S011	20.93	1250.11	9.00	2.4500	Chiusi	13B-N061
13B-S012	1.30	204.00	65.00	3.4300	Chiusi	13B-N067
13B-S013	2.03	251.29	55.00	4.6300	Chiusi	13B-N025
13B-S14A	1.06	192.00	12.00	2.0500	Chiusi	13B-N098
13B-S14B	0.53	162.35	12.00	2.0500	Chiusi	13B-N099
13B-S14C	9.51	667.06	12.00	2.0500	Chiusi	13B-N097
13B-S14D	0.88	205.41	12.00	2.0500	Chiusi	13B-N100
13B-S015	0.24	76.94	70.00	5.0500	Chiusi	13B-N007
13B-S016	0.11	60.00	70.00	5.3700	Chiusi	13B-N031
13B-S017	0.09	58.59	70.00	3.9000	Chiusi	13B-N033
13B-S018	0.12	63.53	70.00	3.8300	Chiusi	13B-N033
13B-S019	0.28	98.12	70.00	4.8600	Chiusi	13B-N034
13B-S020	0.29	106.59	70.00	2.9300	Chiusi	13B-N083
13B-S021	0.38	112.23	70.00	1.3800	Chiusi	13B-N019
13B-S022	7.70	499.76	15.00	3.4200	Chiusi	13B-N094
13B-S023	0.15	90.35	31.00	1.2400	Chiusi	13B-S14A

13B-S024	0.47	139.06	70.00	6.1400	Chiusi	13B-N012
13B-S025	0.59	136.23	70.00	3.3900	Chiusi	13B-N074

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Node Summary
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Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
13A-N001	JUNCTION	250.68	1.17	500.0	
13A-N003	JUNCTION	250.46	0.90	500.0	
13A-N004	JUNCTION	250.52	0.80	500.0	
13A-N005	JUNCTION	250.01	0.95	500.0	
13A-N006	JUNCTION	250.56	0.77	500.0	
13A-N007	JUNCTION	249.80	1.10	500.0	
13A-N008	JUNCTION	250.58	0.80	500.0	
13A-N009	JUNCTION	250.63	0.75	500.0	
13A-N010	JUNCTION	250.55	0.90	500.0	
13A-N011	JUNCTION	250.66	0.90	500.0	
13A-N012	JUNCTION	250.56	1.05	500.0	
13A-N013	JUNCTION	250.70	1.15	500.0	
13A-N014	JUNCTION	250.79	0.80	500.0	
13A-N015	JUNCTION	250.88	0.68	500.0	
13A-N016	JUNCTION	250.97	0.60	500.0	
13A-N017	JUNCTION	250.92	0.60	500.0	
13A-N018	JUNCTION	250.96	0.60	500.0	
13A-N019	JUNCTION	265.38	0.70	500.0	
13A-N020	JUNCTION	263.97	0.60	500.0	
13A-N022	JUNCTION	262.91	0.55	500.0	
13A-N023	JUNCTION	260.51	0.75	500.0	
13A-N024	JUNCTION	258.82	0.52	500.0	
13A-N025	JUNCTION	256.63	0.65	500.0	
13A-N026	JUNCTION	255.01	0.90	500.0	
13A-N027	JUNCTION	252.52	1.00	500.0	
13A-N028	JUNCTION	258.40	0.70	500.0	
13A-N031	JUNCTION	257.83	1.10	500.0	
13A-N032	JUNCTION	257.16	0.65	500.0	
13A-N033	JUNCTION	256.41	1.46	500.0	
13A-N040	JUNCTION	251.10	1.25	500.0	
13A-N043	JUNCTION	250.72	1.25	500.0	
13A-N048	JUNCTION	250.67	1.16	500.0	
13A-N050	JUNCTION	250.67	1.16	500.0	
13A-N052	JUNCTION	250.66	1.23	500.0	
13A-N055	JUNCTION	250.69	1.10	500.0	
13A-N058	JUNCTION	249.91	1.75	500.0	
13A-N059	JUNCTION	249.97	1.70	500.0	
13A-N060	JUNCTION	249.83	1.80	500.0	
13A-N061	JUNCTION	250.22	1.66	500.0	
13A-N062	JUNCTION	260.69	0.60	500.0	
13A-N063	JUNCTION	258.00	0.75	500.0	
13A-N064	JUNCTION	252.54	0.75	500.0	
13A-N065	JUNCTION	251.35	1.10	500.0	
13A-N066	JUNCTION	250.97	1.25	500.0	
13A-N067	JUNCTION	251.73	0.40	500.0	
13A-N069	JUNCTION	251.33	0.70	500.0	
13A-N070	JUNCTION	251.23	0.81	500.0	
13A-N071	JUNCTION	251.17	0.80	500.0	
13A-N072	JUNCTION	250.22	1.10	500.0	
13A-N073	JUNCTION	250.90	0.69	0.0	
13A-N074	JUNCTION	250.58	0.70	500.0	
13A-N075	JUNCTION	250.28	1.15	500.0	
13A-N076	JUNCTION	249.91	1.50	500.0	
13A-N077	JUNCTION	249.43	1.15	500.0	
13A-N079	JUNCTION	249.37	1.25	500.0	
13A-N081	JUNCTION	250.08	0.40	500.0	
13A-N082	JUNCTION	249.66	1.15	500.0	
13A-N084	JUNCTION	249.68	0.70	500.0	
13A-N085	JUNCTION	249.79	0.65	500.0	
13A-N086	JUNCTION	249.56	0.70	500.0	
13A-N087	JUNCTION	249.57	0.70	500.0	
13A-N088	JUNCTION	249.71	0.59	500.0	
13A-N089	JUNCTION	249.97	0.66	500.0	
13A-N090	JUNCTION	250.16	0.72	500.0	
13A-N091	JUNCTION	250.85	0.70	500.0	
13A-N092	JUNCTION	251.66	0.65	500.0	
13A-N093	JUNCTION	252.40	0.72	500.0	
13A-N094	JUNCTION	253.21	0.71	500.0	
13A-N095	JUNCTION	254.64	0.70	500.0	
13A-N096	JUNCTION	255.33	0.80	500.0	
13A-N097	JUNCTION	252.55	0.65	500.0	
13A-N098	JUNCTION	251.61	0.62	500.0	
13A-N099	JUNCTION	250.09	0.90	500.0	
13A-N100	JUNCTION	251.77	1.40	500.0	
13A-N101	JUNCTION	252.65	1.20	500.0	
13A-N102	JUNCTION	254.43	1.30	500.0	
13A-N103	JUNCTION	255.97	1.29	500.0	
13A-N104	JUNCTION	256.82	1.50	500.0	
13A-N105	JUNCTION	250.35	1.43	0.0	
13A-N106	JUNCTION	250.77	1.06	500.0	
13A-N107	JUNCTION	250.03	1.27	0.0	
13A-N108	JUNCTION	251.40	0.69	0.0	
13A-N109	JUNCTION	251.07	0.40	500.0	
13A-N110	JUNCTION	250.21	0.82	0.0	
13A-N111	JUNCTION	250.98	1.30	500.0	
13A-N112	JUNCTION	248.88	2.19	0.0	
13A-N113	JUNCTION	250.37	0.70	500.0	
13A-N114	JUNCTION	250.26	0.70	500.0	
13A-N115	JUNCTION	249.23	2.43	0.0	
13A-N116	JUNCTION	249.37	1.52	500.0	
13A-N117	JUNCTION	249.33	1.50	500.0	
13A-N118	JUNCTION	250.00	1.84	0.0	
13A-N119	JUNCTION	249.93	1.60	500.0	
13A-N121	JUNCTION	250.35	1.65	500.0	
13A-N123	JUNCTION	250.63	1.75	500.0	
13A-N124	JUNCTION	250.92	1.45	500.0	
13A-N125	JUNCTION	250.78	1.80	500.0	
13A-N126	JUNCTION	249.80	1.75	500.0	
13A-N127	JUNCTION	249.19	1.80	0.0	
13A-N128	JUNCTION	248.08	2.90	500.0	
13A-N132	JUNCTION	248.34	1.36	0.0	
13A-N133	JUNCTION	248.91	2.23	0.0	
13A-N134	JUNCTION	249.62	1.56	0.0	
13A-N135	JUNCTION	249.64	1.40	0.0	
13A-N136	JUNCTION	249.55	1.20	0.0	
13A-N137	JUNCTION	249.65	1.10	0.0	
13A-N138	JUNCTION	249.06	2.58	0.0	
13A-N139	JUNCTION	252.10	1.10	500.0	
13A-N140	JUNCTION	253.80	1.20	500.0	
13A-N142	JUNCTION	250.90	1.10	500.0	
13A-N143	JUNCTION	250.80	1.43	0.0	
13A-N144	JUNCTION	249.70	1.00	500.0	
13A-N145	JUNCTION	249.60	2.00	0.0	
13A-N146	JUNCTION	252.43	0.57	500.0	
13A-N147	JUNCTION	250.50	0.90	500.0	
13A-N148	JUNCTION	249.35	1.15	500.0	
13A-N149	JUNCTION	250.20	0.60	500.0	
13A-N150	JUNCTION	249.32	1.10	0.0	
13A-N151	JUNCTION	251.00	0.90	0.0	
13A-N152	JUNCTION	250.22	1.84	0.0	
13A-N153	JUNCTION	249.75	0.65	0.0	
13A-N154	JUNCTION	249.81	0.54	0.0	
13A-N155	JUNCTION	249.41	1.06	0.0	
13A-N156	JUNCTION	249.17	1.63	0.0	
13A-N157	JUNCTION	249.42	1.38	0.0	
13A-N158	JUNCTION	249.00	1.70	0.0	
13A-N159	JUNCTION	249.43	1.00	0.0	
13A-N160	JUNCTION	252.68	2.44	0.0	
13A-N161	JUNCTION	251.46	1.33	0.0	
13A-N162	JUNCTION	253.70	2.44	0.0	
13A-N163	JUNCTION	251.05	1.51	0.0	
13A-N164	JUNCTION	250.85	1.51	0.0	
13A-N165	JUNCTION	250.66	0.98	0.0	
13A-N166	JUNCTION	254.65	1.02	0.0	
13A-N167	JUNCTION	253.70	0.96	0.0	
13A-N168	JUNCTION	253.35	0.85	0.0	
13A-N169	JUNCTION	255.03	1.02	0.0	
13A-N170	JUNCTION	251.30	1.35	0.0	
13A-N171	JUNCTION	247.97	2.81	0.0	
13A-N172	JUNCTION	249.99	0.70	0.0	
13A-N173	JUNCTION	250.43	0.70	0.0	
13A-N174	JUNCTION	250.00	0.82	0.0	
13A-N175	JUNCTION	250.16	0.76	0.0	
13A-N176	JUNCTION	248.95	2.23	0.0	
13A-N180	JUNCTION	250.65	1.17	0.0	
13A-N181	JUNCTION	250.67	1.18	0.0	
13A-N182	JUNCTION	250.40	1.00	0.0	
13A-N185	JUNCTION	257.30	1.00	0.0	
13A-N186	JUNCTION	259.71	0.62	0.0	
13A-N187	JUNCTION	251.05	1.35	0.0	
13A-N188	JUNCTION	249.20	2.30	500.0	
13A-N189	JUNCTION	261.00	1.00	500.0	
13B-N001	JUNCTION	251.12	1.39	500.0	
13B-N002	JUNCTION	251.11	1.03	500.0	

13B-N003	JUNCTION	252.21	0.29	500.0
13B-N005	JUNCTION	252.64	0.71	500.0
13B-N006	JUNCTION	253.22	0.86	500.0
13B-N007	JUNCTION	253.68	0.78	500.0
13B-N008	JUNCTION	254.37	0.78	500.0
13B-N009	JUNCTION	255.13	0.78	500.0
13B-N010	JUNCTION	256.22	0.78	500.0
13B-N011	JUNCTION	258.09	0.78	500.0
13B-N012	JUNCTION	259.78	0.78	500.0
13B-N013	JUNCTION	257.41	0.45	500.0
13B-N014	JUNCTION	255.45	0.70	500.0
13B-N015	JUNCTION	254.15	0.70	500.0
13B-N016	JUNCTION	252.51	0.76	500.0
13B-N017	JUNCTION	252.28	0.71	500.0
13B-N018	JUNCTION	251.83	0.71	500.0
13B-N019	JUNCTION	251.88	0.55	500.0
13B-N020	JUNCTION	251.75	0.66	500.0
13B-N021	JUNCTION	251.65	0.70	500.0
13B-N022	JUNCTION	251.50	0.95	500.0
13B-N023	JUNCTION	249.37	2.45	500.0
13B-N024	JUNCTION	249.51	3.15	500.0
13B-N025	JUNCTION	249.86	2.36	500.0
13B-N026	JUNCTION	250.26	1.80	500.0
13B-N027	JUNCTION	250.32	1.85	500.0
13B-N028	JUNCTION	251.38	1.75	500.0
13B-N029	JUNCTION	253.35	1.75	500.0
13B-N030	JUNCTION	261.34	0.30	500.0
13B-N031	JUNCTION	262.15	0.20	500.0
13B-N032	JUNCTION	262.96	0.30	500.0
13B-N033	JUNCTION	263.99	0.30	500.0
13B-N034	JUNCTION	266.64	0.50	500.0
13B-N035	JUNCTION	266.77	0.55	500.0
13B-N036	JUNCTION	266.39	0.60	500.0
13B-N039	JUNCTION	263.83	0.75	500.0
13B-N041	JUNCTION	263.55	0.65	500.0
13B-N042	JUNCTION	262.88	0.70	500.0
13B-N043	JUNCTION	262.68	0.75	500.0
13B-N044	JUNCTION	261.89	0.80	500.0
13B-N045	JUNCTION	260.90	0.75	500.0
13B-N046	JUNCTION	260.53	0.65	500.0
13B-N047	JUNCTION	259.38	0.75	500.0
13B-N048	JUNCTION	258.85	0.80	500.0
13B-N049	JUNCTION	257.78	0.70	500.0
13B-N050	JUNCTION	256.22	0.75	500.0
13B-N051	JUNCTION	255.53	0.70	500.0
13B-N052	JUNCTION	254.23	0.56	500.0
13B-N057	JUNCTION	253.10	0.45	500.0
13B-N058	JUNCTION	249.75	2.70	500.0
13B-N059	JUNCTION	260.96	0.27	0.0
13B-N060	JUNCTION	249.39	2.92	500.0
13B-N061	JUNCTION	251.60	0.74	500.0
13B-N062	JUNCTION	251.61	0.70	500.0
13B-N063	JUNCTION	251.64	0.65	500.0
13B-N064	JUNCTION	251.73	0.70	500.0
13B-N065	JUNCTION	250.72	1.55	0.0
13B-N066	JUNCTION	257.09	1.75	0.0
13B-N067	JUNCTION	249.41	3.45	500.0
13B-N068	JUNCTION	250.82	1.10	500.0
13B-N069	JUNCTION	251.18	1.50	500.0
13B-N070	JUNCTION	251.55	1.14	500.0
13B-N071	JUNCTION	251.30	1.00	500.0
13B-N072	JUNCTION	252.29	0.71	500.0
13B-N073	JUNCTION	265.95	0.65	500.0
13B-N074	JUNCTION	265.30	1.00	500.0
13B-N075	JUNCTION	253.80	0.70	500.0
13B-N076	JUNCTION	251.20	0.76	0.0
13B-N077	JUNCTION	250.99	0.39	0.0
13B-N078	JUNCTION	250.98	1.00	0.0
13B-N079	JUNCTION	250.28	2.22	0.0
13B-N080	JUNCTION	250.70	2.30	0.0
13B-N081	JUNCTION	249.84	2.36	500.0
13B-N082	JUNCTION	249.20	2.90	500.0
13B-N083	JUNCTION	260.30	2.00	500.0
13B-N084	JUNCTION	260.06	2.60	500.0
13B-N085	JUNCTION	259.70	2.43	500.0
13B-N086	JUNCTION	259.60	1.94	500.0
13B-N088	JUNCTION	251.25	0.63	0.0
13B-N089	JUNCTION	250.80	0.63	0.0
13B-N090	JUNCTION	250.26	1.84	0.0
13B-N092	JUNCTION	251.20	1.20	0.0
13B-N093	JUNCTION	252.01	0.76	0.0
13B-N094	JUNCTION	251.61	0.49	0.0
13B-N095	JUNCTION	251.15	1.15	0.0
13B-N096	JUNCTION	250.20	1.90	0.0
13B-N097	JUNCTION	250.18	1.84	0.0
13B-N098	JUNCTION	252.40	0.37	0.0
13B-N099	JUNCTION	250.97	0.39	0.0
13B-N100	JUNCTION	251.07	0.51	500.0
13B-N102	JUNCTION	250.57	2.56	0.0
13B-N103	JUNCTION	251.31	2.10	0.0
13B-N104	JUNCTION	250.71	0.99	0.0
13B-N105	JUNCTION	250.66	1.43	0.0
13B-N106	JUNCTION	251.80	0.90	500.0
13B-N107	JUNCTION	251.13	1.27	500.0
13A-F001	OUTFALL	248.00	2.00	0.0
13A-F002	OUTFALL	247.86	2.00	0.0
13A-F003	OUTFALL	248.82	0.70	0.0
13A-F004	OUTFALL	248.73	0.60	0.0
13A-F005	OUTFALL	248.00	0.50	0.0
13B-F001	OUTFALL	250.48	2.56	0.0
13B-F002	OUTFALL	250.57	1.43	0.0

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Link Summary
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Name	From Node	To Node	Type	Length	%Slope	Roughness
13A-C001	13A-N128	13A-F001	CONDUIT	92.7	0.0863	0.0200
13A-C002	13A-N117	13A-N127	CONDUIT	25.3	0.5538	0.0160
13A-C003	13A-N117	13A-N116	CONDUIT	11.7	1.3642	0.0160
13A-C009	13A-N060	13A-N076	CONDUIT	3.0	5.3055	0.0160
13A-C010	13A-N050	13A-N052	CONDUIT	24.8	0.0403	0.0160
13A-C011	13A-N048	13A-N050	CONDUIT	24.9	0.0012	0.0160
13A-C012	13A-N001	13A-N181	CONDUIT	2.9	0.3460	0.0160
13A-C013	13A-N043	13A-N001	CONDUIT	19.0	0.2110	0.0160
13A-C014	13A-N040	13A-N043	CONDUIT	19.2	1.9785	0.0160
13A-C015	13A-N033	13A-N040	CONDUIT	48.1	11.1074	0.0160
13A-C016	13A-N031	13A-N033	CONDUIT	7.8	11.4853	0.0160
13A-C017	13A-N028	13A-N031	CONDUIT	4.4	6.1062	0.0160
13A-C018	13A-N052	13A-N180	CONDUIT	27.4	0.0365	0.0160
13A-C021	13A-N066	13A-N142	CONDUIT	38.6	0.5704	0.0160
13A-C022	13A-N063	13A-N140	CONDUIT	40.5	9.1742	0.0160
13A-C023	13A-N062	13A-N063	CONDUIT	21.7	12.2799	0.0160
13A-C024	13A-N140	13A-N064	CONDUIT	27.5	4.5883	0.0160
13A-C025	13A-N065	13A-N066	CONDUIT	10.1	2.0735	0.0160
13A-C026	13A-N111	13A-N066	CONDUIT	10.0	0.1000	0.0200
13A-C027	13A-N027	13A-N111	CONDUIT	51.6	2.4052	0.0160
13A-C028	13A-N026	13A-N027	CONDUIT	35.7	6.7097	0.0160
13A-C029	13A-N025	13A-N026	CONDUIT	14.9	10.9373	0.0160
13A-C030	13A-N024	13A-N025	CONDUIT	19.3	11.1393	0.0160
13A-C031	13A-N023	13A-N024	CONDUIT	16.1	10.5354	0.0160
13A-C032	13A-N022	13A-N189	CONDUIT	13.7	11.8514	0.0200
13A-C033	13A-N020	13A-N022	CONDUIT	19.9	5.3450	0.0200
13A-C034	13A-N019	13A-N020	CONDUIT	22.3	6.2453	0.0160
13A-C036	13A-N107	13A-N145	CONDUIT	19.6	0.6619	0.0350
13A-C037	13A-N110	13A-N174	CONDUIT	101.2	0.2075	0.0350
13A-C038	13A-N175	13A-N174	CONDUIT	33.5	0.4780	0.0350
13A-C039	13A-N164	13A-N143	CONDUIT	11.5	0.4355	0.0350
13A-C041	13A-N161	13A-N163	CONDUIT	211.1	0.1942	0.0350
13A-C042	13A-N160	13A-N161	CONDUIT	192.6	0.6336	0.0350
13A-C045	13A-N169	13A-N166	CONDUIT	16.1	2.3551	0.0350
13A-C047	13A-N168	13A-N170	CONDUIT	468.1	0.4380	0.0350
13A-C048	13A-N061	13A-N058	CONDUIT	35.6	0.8698	0.0160
13A-C049	13A-N071	13A-N018	CONDUIT	37.1	0.5657	0.0160
13A-C050	13A-N011	13A-N012	CONDUIT	8.4	1.1906	0.0160
13A-C051	13A-N013	13A-N012	CONDUIT	8.2	0.2433	0.0160
13A-C052	13A-N014	13A-N013	CONDUIT	14.1	0.6406	0.0160
13A-C053	13A-N015	13A-N014	CONDUIT	10.1	0.8920	0.0160
13A-C054	13A-N016	13A-N015	CONDUIT	7.1	1.2749	0.0160
13A-C055	13A-N016	13A-N017	CONDUIT	5.7	0.8819	0.0160
13A-C056	13A-N018	13A-N017	CONDUIT	11.6	0.3436	0.0160
13A-C057	13A-N011	13A-N010	CONDUIT	15.2	0.7247	0.0160
13A-C058	13A-N008	13A-N006	CONDUIT	9.9	0.2018	0.0160
13A-C059	13A-N009	13A-N008	CONDUIT	11.0	0.4554	0.0160
13A-C060	13A-N009	13A-N010	CONDUIT	5.6	1.4287	0.0160
13A-C061	13A-N004	13A-N003	CONDUIT	18.4	0.3259	0.0160
13A-C062	13A-N006	13A-N004	CONDUIT	12.9	0.3101	0.0160
13A-C063	13A-N007	13A-N144	CONDUIT	9.2	1.0870	0.0160
13A-C064	13A-N145	13A-N115	CONDUIT	28.6	1.2952	0.0160
13A-C065	13A-N144	13A-N145	CONDUIT	68.2	0.1466	0.0160
13A-C066	13A-N005	13A-N007	CONDUIT	19.5	1.0770	0.0160
13A-C067	13A-N003	13A-N114	CONDUIT	8.0	2.4914	0.0160
13A-C068	13A-N143	13A-N105	CONDUIT	257.3	0.1749	0.0350
13A-C069	13A-N165	13A-N105	CONDUIT	20.8	1.4927	0.0350
13A-C070	13A-N074	13A-N075	CONDUIT	7.4	1.3533	0.0160

13A-C071	13A-N073	13A-N072	CONDUIT	25.6	2.6561	0.0160	13A-C193	13A-N174	13A-N145	CONDUIT	30.9	0.3234	0.0350
13A-C072	13A-N072	13A-N107	CONDUIT	18.1	1.0515	0.0160	13A-C194	13A-N108	13A-N073	CONDUIT	61.0	0.8202	0.0350
13A-C073	13A-N105	13A-N075	CONDUIT	40.1	0.0499	0.0160	13A-C195	13A-N109	13A-N074	CONDUIT	51.3	0.6627	0.0160
13A-C074	13A-N101	13A-N100	CONDUIT	30.0	2.9317	0.0160	13A-C204	13A-N133	13A-N132	CONDUIT	3.6	15.9901	0.0350
13A-C075	13A-N102	13A-N101	CONDUIT	38.8	4.8573	0.0160	13A-C205	13A-N055	13A-N180	CONDUIT	3.7	1.0900	0.0160
13A-C076	13A-N103	13A-N102	CONDUIT	27.5	5.6027	0.0160	13A-C206	13A-N181	13A-N048	CONDUIT	14.1	0.0022	0.0160
13A-C077	13A-N104	13A-N103	CONDUIT	17.1	4.8121	0.0160	13A-C207	13A-N182	13A-N060	CONDUIT	22.1	0.3165	0.0160
13A-C078	13A-N098	13A-N149	CONDUIT	67.8	2.0804	0.0160	13A-C209	13A-N185	13A-N151	CONDUIT	143.5	4.3939	0.0160
13A-C079	13A-N097	13A-N098	CONDUIT	23.8	3.9510	0.0160	13A-C210	13A-N186	13A-N185	CONDUIT	37.0	6.5221	0.0350
13A-C080	13A-N146	13A-N147	CONDUIT	70.2	2.2788	0.0160	13A-C211	13A-N187	13A-N111	CONDUIT	12.8	0.5473	0.0200
13A-C081	13A-N100	13A-N106	CONDUIT	36.4	2.7460	0.0160	13A-C212	13A-N075	13A-N072	CONDUIT	56.5	0.1063	0.0160
13A-C083	13A-N099	13A-N188	CONDUIT	19.3	4.1074	0.0160	13A-C213	13A-N134	13A-N176	CONDUIT	81.4	0.8232	0.0350
13A-C084	13A-N106	13A-N147	CONDUIT	11.5	2.3464	0.0200	13A-C214	13A-N135	13A-N136	CONDUIT	1.7	5.3971	0.0350
13A-C085	13A-N113	13A-N099	CONDUIT	52.9	0.5291	0.0160	13A-C217	13A-N032	13A-N033	CONDUIT	0.8	27.1378	0.0100
13A-C088	13A-N095	13A-N094	CONDUIT	18.5	6.4931	0.0100	13A-C218	13A-N188	13A-N138	CONDUIT	22.1	0.6346	0.0160
13A-C089	13A-N096	13A-N095	CONDUIT	10.9	6.0384	0.0100	13A-C219	13A-N189	13A-N023	CONDUIT	7.7	1.8161	0.0100
13A-C090	13A-N094	13A-N106	CONDUIT	104.0	2.3175	0.0160	13B-C001	13B-N047	13B-N049	CONDUIT	15.4	9.7932	0.0160
13A-C091	13A-N093	13A-N092	CONDUIT	21.0	3.5243	0.0160	13B-C002	13B-N021	13B-N022	CONDUIT	16.4	0.6087	0.0160
13A-C092	13A-N094	13A-N093	CONDUIT	27.5	2.9478	0.0160	13B-C003	13B-N020	13B-N021	CONDUIT	17.3	0.4638	0.0160
13A-C093	13A-N090	13A-N089	CONDUIT	25.1	0.7576	0.0160	13B-C004	13B-N019	13B-N020	CONDUIT	20.3	0.6395	0.0160
13A-C094	13A-N091	13A-N090	CONDUIT	24.5	2.8221	0.0160	13B-C005	13B-N003	13B-N019	CONDUIT	17.7	1.5803	0.0100
13A-C095	13A-N092	13A-N091	CONDUIT	26.2	3.0895	0.0160	13B-C006	13B-N002	13B-N001	CONDUIT	66.8	0.1198	0.0200
13A-C096	13A-N149	13A-N148	CONDUIT	42.2	0.7106	0.0160	13B-C010	13B-N094	13B-N092	CONDUIT	8.0	5.1317	0.0350
13A-C097	13A-N087	13A-N086	CONDUIT	10.7	0.2814	0.0160	13B-C011	13B-N093	13B-N092	CONDUIT	21.1	3.8453	0.0350
13A-C098	13A-N087	13A-N148	CONDUIT	8.6	2.5560	0.0160	13B-C012	13B-N062	13B-N061	CONDUIT	18.5	0.5936	0.0160
13A-C099	13A-N089	13A-N088	CONDUIT	27.6	0.9049	0.0160	13B-C013	13B-N063	13B-N062	CONDUIT	23.3	0.1286	0.0160
13A-C100	13A-N081	13A-N084	CONDUIT	22.1	1.5818	0.0160	13B-C014	13B-N063	13B-N070	CONDUIT	32.6	0.2761	0.0160
13A-C101	13A-N085	13A-N084	CONDUIT	13.7	0.8053	0.0160	13B-C015	13B-N033	13B-N032	CONDUIT	11.7	8.8606	0.0100
13A-C102	13A-N085	13A-N086	CONDUIT	10.6	2.1622	0.0160	13B-C017	13B-N031	13B-N030	CONDUIT	8.0	10.2160	0.0100
13A-C106	13A-N112	13A-F003	CONDUIT	69.8	0.0860	0.0200	13B-C018	13B-N032	13B-N031	CONDUIT	9.3	8.7052	0.0100
13A-C110	13A-N171	13A-F002	CONDUIT	71.0	0.1549	0.0200	13B-C019	13B-N035	13B-N036	CONDUIT	9.1	4.1749	0.0160
13A-C111	13A-N158	13A-N171	CONDUIT	6.6	1.5153	0.0160	13B-C020	13B-N035	13B-N034	CONDUIT	4.2	3.0894	0.0160
13A-C112	13A-N156	13A-N158	CONDUIT	12.3	1.3834	0.0160	13B-C021	13B-N074	13B-N039	CONDUIT	32.0	4.4461	0.0160
13A-C113	13A-N112	13A-N172	CONDUIT	171.0	0.2339	0.0350	13B-C022	13B-N052	13B-N075	CONDUIT	18.9	1.5354	0.0160
13A-C114	13A-N159	13A-N157	CONDUIT	42.5	0.0235	0.0350	13B-C023	13B-N050	13B-N052	CONDUIT	16.1	12.4479	0.0160
13A-C115	13A-N150	13A-N156	CONDUIT	11.9	1.2638	0.0350	13B-C024	13B-N048	13B-N050	CONDUIT	21.8	12.0705	0.0100
13A-C116	13A-N076	13A-N144	CONDUIT	139.8	0.1502	0.0160	13B-C025	13B-N046	13B-N048	CONDUIT	14.5	11.6975	0.0100
13A-C117	13A-N155	13A-N150	CONDUIT	13.0	0.6907	0.0350	13B-C026	13B-N044	13B-N046	CONDUIT	16.6	8.2454	0.0160
13A-C118	13A-N079	13A-N150	CONDUIT	21.0	0.2386	0.0160	13B-C027	13B-N049	13B-N051	CONDUIT	16.7	13.5887	0.0100
13A-C120	13A-N077	13A-N079	CONDUIT	18.1	0.3315	0.0160	13B-C028	13B-N045	13B-N047	CONDUIT	15.3	10.0105	0.0160
13A-C121	13A-N082	13A-N077	CONDUIT	7.8	2.5649	0.0160	13B-C029	13B-N043	13B-N044	CONDUIT	11.4	6.9588	0.0160
13A-C122	13A-N153	13A-N082	CONDUIT	27.8	0.1437	0.0160	13B-C030	13B-N039	13B-N043	CONDUIT	24.9	4.6197	0.0160
13A-C123	13A-N082	13A-N116	CONDUIT	43.2	0.9716	0.0160	13B-C031	13B-N042	13B-N045	CONDUIT	25.8	7.6971	0.0160
13A-C125	13A-N070	13A-N071	CONDUIT	19.0	0.3163	0.0160	13B-C032	13B-N041	13B-N042	CONDUIT	9.8	6.5179	0.0160
13A-C126	13A-N069	13A-N070	CONDUIT	17.9	0.2801	0.0160	13B-C033	13B-N012	13B-N011	CONDUIT	20.4	8.3047	0.0160
13A-C127	13A-N088	13A-N087	CONDUIT	1.8	5.0343	0.0160	13B-C034	13B-N005	13B-N072	CONDUIT	6.4	5.4942	0.0160
13A-C138	13A-N058	13A-N060	CONDUIT	2.0	4.0234	0.0160	13B-C035	13B-N006	13B-N005	CONDUIT	14.9	3.8903	0.0160
13A-C139	13A-N067	13A-N069	CONDUIT	22.4	1.6557	0.0160	13B-C036	13B-N007	13B-N006	CONDUIT	5.4	7.0154	0.0160
13A-C140	13A-N143	13A-N111	CONDUIT	11.1	0.1807	0.0100	13B-C037	13B-N008	13B-N007	CONDUIT	9.5	7.2901	0.0160
13A-C141	13A-N151	13A-N127	CONDUIT	117.6	1.2417	0.0350	13B-C038	13B-N009	13B-N008	CONDUIT	10.4	7.3202	0.0160
13A-C142	13A-N137	13A-N136	CONDUIT	5.3	1.8979	0.0160	13B-C039	13B-N010	13B-N009	CONDUIT	12.3	8.8677	0.0160
13A-C143	13A-N135	13A-N134	CONDUIT	41.8	0.0479	0.0160	13B-C040	13B-N011	13B-N010	CONDUIT	20.1	9.3628	0.0160
13A-C144	13A-N133	13A-F004	CONDUIT	5.6	3.1875	0.0160	13B-C041	13B-N014	13B-N015	CONDUIT	15.6	8.3732	0.0160
13A-C145	13A-N132	13A-F005	CONDUIT	6.3	5.3790	0.0160	13B-C042	13B-N015	13B-N016	CONDUIT	24.7	6.4177	0.0160
13A-C147	13A-N138	13A-N176	CONDUIT	54.1	0.2034	0.0350	13B-C043	13B-N016	13B-N017	CONDUIT	8.7	2.4090	0.0160
13A-C148	13A-N137	13A-N115	CONDUIT	28.0	1.5012	0.0350	13B-C044	13B-N017	13B-N018	CONDUIT	16.2	2.7823	0.0160
13A-C149	13A-N176	13A-N133	CONDUIT	197.7	0.0202	0.0350	13B-C045	13B-N018	13B-N071	CONDUIT	23.3	1.0292	0.0160
13A-C150	13A-N119	13A-N117	CONDUIT	31.3	1.2789	0.0160	13B-C046	13B-N013	13B-N014	CONDUIT	20.3	9.6860	0.0160
13A-C151	13A-N126	13A-N127	CONDUIT	39.0	1.3078	0.0160	13B-C047	13B-N002	13B-N068	CONDUIT	82.7	0.2298	0.0160
13A-C152	13A-N125	13A-N126	CONDUIT	65.1	1.5049	0.0160	13B-C048	13B-N096	13B-N097	CONDUIT	88.8	0.0225	0.0350
13A-C153	13A-N123	13A-N121	CONDUIT	26.1	1.0737	0.0160	13B-C049	13B-N065	13B-N090	CONDUIT	67.2	0.6850	0.0350
13A-C154	13A-N124	13A-N123	CONDUIT	22.8	1.0518	0.0160	13B-C050	13B-N068	13B-N065	CONDUIT	75.3	0.1327	0.0160
13A-C155	13A-N121	13A-N119	CONDUIT	38.0	1.1062	0.0160	13B-C051	13B-N102	13B-N079	CONDUIT	42.7	0.6793	0.0160
13A-C159	13A-N118	13A-N116	CONDUIT	34.6	1.6206	0.0160	13B-C052	13B-N027	13B-N026	CONDUIT	35.1	0.1708	0.0160
13A-C160	13A-N152	13A-N118	CONDUIT	20.5	1.0711	0.0350	13B-C053	13B-N066	13B-N029	CONDUIT	36.8	10.2244	0.0160
13A-C162	13A-N127	13A-N128	CONDUIT	14.0	0.7835	0.0160	13B-C054	13B-N029	13B-N028	CONDUIT	26.5	7.4461	0.0160
13A-C163	13A-N163	13A-N164	CONDUIT	97.1	0.2061	0.0350	13B-C055	13B-N028	13B-N027	CONDUIT	21.3	4.9850	0.0160
13A-C164	13A-N059	13A-N060	CONDUIT	2.6	1.5327	0.0200	13B-C058	13B-N103	13B-N080	CONDUIT	39.4	1.5468	0.0160
13A-C165	13A-N114	13A-N005	CONDUIT	7.8	3.2150	0.0160	13B-C059	13B-N098	13B-N076	CONDUIT	75.3	1.5934	0.0350
13A-C166	13A-N139	13A-N065	CONDUIT	37.9	1.9265	0.0160	13B-C060	13B-N077	13B-N099	CONDUIT	92.6	0.0216	0.0350
13A-C167	13A-N064	13A-N139	CONDUIT	1.7	8.2147	0.0160	13B-C061	13B-N100	13B-N078	CONDUIT	81.3	0.1107	0.0350
13A-C174	13A-N055	13A-N182	CONDUIT	29.5	0.6443	0.0160	13B-C063	13B-N026	13B-N025	CONDUIT	55.9	0.7160	0.0160
13A-C176	13A-N142	13A-N059	CONDUIT	105.8	0.7842	0.0160	13B-C064	13B-N025	13B-N081	CONDUIT	33.4	0.0599	0.0160
13A-C177	13A-N147	13A-N113	CONDUIT	16.5	0.7889	0.0160	13B-C065	13B-N058	13B-N024	CONDUIT	20.8	1.1545	0.0160
13A-C179	13A-N148	13A-N112	CONDUIT	8.7	0.8083	0.0160	13B-C066	13B-N024	13B-N082	CONDUIT	77.1	0.4021	0.0160
13A-C185	13A-N154	13A-N153	CONDUIT	24.9	0.2414	0.0350	13B-C068	13B-N023	13B-N082	CONDUIT	40.1	0.4240	0.0160
13A-C186	13A-N157	13A-N156	CONDUIT	13.0	0.9253	0.0160	13B-C069	13B-N060	13B-N023	CONDUIT	40.9	0.0489	0.0160
13A-C187	13A-N162	13A-N160	CONDUIT	209.6	0.4867	0.0350	13B-C070	13B-N067	13B-N060	CONDUIT	45.7	0.0437	0.0160
13A-C188	13A-N166	13A-N167	CONDUIT	107.9	0.8805	0.0350	13B-C077	13B-N090	13B-N096	CONDUIT	4.7	1.2849	0.0160
13A-C189	13A-N167	13A-N168	CONDUIT	74.8	0.4679	0.0350	13B-C078	13B-N064	13B-N071	CONDUIT	14.4	0.9016	0.0160
13A-C190	13A-N170	13A-N187	CONDUIT	39.1	0.6394	0.0350	13B-C086	13B-N070	13B-N069	CONDUIT	28.2	0.2480	0.0100
13A-C191	13A-N172	13A-N171	CONDUIT	17.1	11.8610	0.0350	13B-C087	13B-N102	13B-F001	CONDUIT	93.5	0.0963	0.0350
13A-C192	13A-N173	13A-N158	CONDUIT	211.7	0.6754	0.0350	13B-C088	13B-N104	13B-N105	CONDUIT	4.6	1.0918	0.0160

13B-C089	13B-N071	13B-N002	CONDUIT	8.1	1.2301	0.0200
13B-C090	13B-N036	13B-N073	CONDUIT	18.8	2.0805	0.0160
13B-C091	13B-N073	13B-N074	CONDUIT	10.0	2.9954	0.0160
13B-C092	13B-N030	13B-N072	CONDUIT	82.6	10.5229	0.0100
13B-C094	13B-N051	13B-N075	CONDUIT	29.6	5.8506	0.0160
13B-C095	13B-N075	13B-N064	CONDUIT	22.9	9.0565	0.0160
13B-C096	13B-N076	13B-N080	CONDUIT	33.8	1.4803	0.0350
13B-C097	13B-N059	13B-N066	CONDUIT	63.4	6.1174	0.0350
13B-C098	13B-N081	13B-N058	CONDUIT	48.2	0.1868	0.0160
13B-C099	13B-N085	13B-N086	CONDUIT	29.2	0.2052	0.0100
13B-C100	13B-N086	13B-N067	CONDUIT	183.1	4.3684	0.0100
13B-C101	13B-N083	13B-N084	CONDUIT	25.1	0.7959	0.0100
13B-C102	13B-N084	13B-N085	CONDUIT	12.5	2.0788	0.0100
13B-C104	13B-N057	13B-N088	CONDUIT	25.6	7.2598	0.0350
13B-C105	13B-N088	13B-N089	CONDUIT	82.9	0.5431	0.0350
13B-C106	13B-N089	13B-N090	CONDUIT	50.2	1.0762	0.0350
13B-C107	13B-N069	13B-N092	CONDUIT	6.9	2.6096	0.0100
13B-C108	13B-N092	13B-N095	CONDUIT	68.2	0.0733	0.0350
13B-C109	13B-N079	13B-N097	CONDUIT	127.7	0.0783	0.0350
13B-C110	13B-N076	13B-N077	CONDUIT	47.5	0.4416	0.0350
13B-C111	13B-N077	13B-N078	CONDUIT	34.6	0.0289	0.0350
13B-C112	13B-N078	13B-N079	CONDUIT	109.3	0.6406	0.0350
13B-C113	13B-N103	13B-N104	CONDUIT	5.4	11.0971	0.0350
13B-C114	13B-N072	13B-N106	CONDUIT	15.9	1.8231	0.0160
13B-C115	13B-N106	13B-N071	CONDUIT	25.1	0.9953	0.0160
13B-C116	13B-N095	13B-N107	CONDUIT	31.6	0.0634	0.0160
13B-C117	13B-N107	13B-N001	CONDUIT	9.4	0.1067	0.0160
13B-C118	13B-N022	13B-N107	CONDUIT	2.8	3.5865	0.0160
13B-C119	13B-N068	13B-N027	CONDUIT	29.1	1.7196	0.0160
13B-C121	13B-N105	13B-F002	CONDUIT	9.7	0.9241	0.0350
13B-P001	13B-N082	13B-N097	IDEAL PUMP			

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Cross Section Summary
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Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
13A-C001	RECT_CLOSED	2.00	4.00	0.50	2.00	1	3702.07
13A-C002	FILLED_CIRCULAR	0.80	0.50	0.20	0.80	1	799.52
13A-C003	FILLED_CIRCULAR	0.60	0.28	0.15	0.60	1	582.35
13A-C009	FILLED_CIRCULAR	0.80	0.50	0.20	0.80	1	2474.63
13A-C010	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	33.88
13A-C011	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	5.91
13A-C012	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	99.33
13A-C013	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	35.95
13A-C014	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	110.08
13A-C015	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	260.83
13A-C016	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	265.23
13A-C017	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	193.39
13A-C018	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	32.25
13A-C021	FILLED_CIRCULAR	0.90	0.64	0.23	0.90	1	1110.97
13A-C022	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	237.05
13A-C023	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	274.25
13A-C024	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	167.64
13A-C025	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	441.29
13A-C026	MODBASKETHANDLE	0.50	0.39	0.15	1.00	1	177.44
13A-C027	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	121.37
13A-C028	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	202.72
13A-C029	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	258.82
13A-C030	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	261.20
13A-C031	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	254.02
13A-C032	RECT_CLOSED	0.30	0.09	0.07	0.30	1	275.53
13A-C033	RECT_CLOSED	0.30	0.18	0.10	0.60	1	448.31
13A-C034	FILLED_CIRCULAR	0.20	0.03	0.05	0.20	1	66.05
13A-C036	13A-S01	1.10	1.87	0.43	2.99	1	2487.83
13A-C037	13A-S02	0.82	1.57	0.26	5.52	1	834.77
13A-C038	13A-S03	0.76	1.45	0.23	5.84	1	1070.50
13A-C039	13A-S04	1.05	1.98	0.22	7.93	1	1369.87
13A-C041	13A-S05	1.33	2.89	0.44	5.39	1	2093.58
13A-C042	13A-S06	1.32	4.47	0.64	5.66	1	7577.98
13A-C045	13A-S07	1.02	1.84	0.46	3.63	1	4834.69
13A-C047	13A-S08	0.85	2.00	0.41	4.53	1	2073.89
13A-C048	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	157.49
13A-C049	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	127.01
13A-C050	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	334.39
13A-C051	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	151.17
13A-C052	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	245.28
13A-C053	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	289.44
13A-C054	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	346.03
13A-C055	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	287.79
13A-C056	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	179.65
13A-C057	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	260.88
13A-C058	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	137.67
13A-C059	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	206.80
13A-C060	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	366.31
13A-C061	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	174.95
13A-C062	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	170.65
13A-C063	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	319.51
13A-C064	RECT_CLOSED	1.80	1.80	0.32	1.00	1	6008.03
13A-C065	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	117.36
13A-C066	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	318.04
13A-C067	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	483.72
13A-C068	13A-S09	1.43	2.41	0.52	3.41	1	1866.67
13A-C069	13A-S10	0.98	2.20	0.37	5.37	1	3972.35
13A-C070	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	196.44
13A-C071	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	275.21
13A-C072	FILLED_CIRCULAR	0.80	0.50	0.20	0.80	1	1101.69
13A-C073	FILLED_CIRCULAR	0.80	0.50	0.20	0.80	1	239.93
13A-C074	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	289.13
13A-C075	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	172.48
13A-C076	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	185.25
13A-C077	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	370.43
13A-C078	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	112.88
13A-C079	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	155.56
13A-C080	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	118.14
13A-C081	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	129.69
13A-C083	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	621.09
13A-C084	MODBASKETHANDLE	0.50	0.22	0.12	0.50	1	427.35
13A-C085	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	222.92
13A-C088	FILLED_CIRCULAR	0.30	0.07	0.08	0.30	1	327.68
13A-C089	FILLED_CIRCULAR	0.24	0.05	0.06	0.24	1	169.35
13A-C090	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	119.14
13A-C091	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	317.01
13A-C092	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	289.92
13A-C093	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	146.98
13A-C094	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	283.67
13A-C095	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	296.81
13A-C096	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	65.97
13A-C097	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	89.58
13A-C098	FILLED_CIRCULAR	0.60	0.28	0.15	0.60	1	797.14
13A-C099	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	160.63
13A-C100	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	98.43
13A-C101	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	151.53
13A-C102	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	248.30
13A-C106	RECT_CLOSED	0.70	0.84	0.22	1.20	1	450.22
13A-C110	RECT_CLOSED	2.00	4.00	0.50	2.00	1	4959.49
13A-C111	FILLED_CIRCULAR	0.90	0.64	0.23	0.90	1	1810.78
13A-C112	FILLED_CIRCULAR	0.90	0.64	0.23	0.90	1	1730.14
13A-C113	13A-S11	0.68	0.57	0.28	1.04	1	337.83
13A-C114	13A-S12	1.00	1.45	0.46	2.24	1	375.92
13A-C115	13A-S13	1.00	1.45	0.46	2.24	1	2755.03
13A-C116	FILLED_CIRCULAR	0.80	0.50	0.20	0.80	1	416.33
13A-C117	13A-S14	1.06	1.54	0.32	3.44	1	1702.16
13A-C118	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	149.68
13A-C120	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	176.44
13A-C121	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	490.81
13A-C122	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	116.18
13A-C123	FILLED_CIRCULAR	0.80	0.50	0.20	0.80	1	1058.99
13A-C125	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	94.97
13A-C126	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	89.37
13A-C127	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	378.88
13A-C138	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	338.71
13A-C139	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	100.70
13A-C140	FILLED_CIRCULAR	0.48	0.18	0.12	0.48	1	186.89
13A-C141	13A-S15	0.75	0.81	0.15	4.72	1	740.79
13A-C142	FILLED_CIRCULAR	0.90	0.64	0.23	0.90	1	2026.50
13A-C143	FILLED_CIRCULAR	1.20	1.13	0.30	1.20	1	693.34
13A-C144	FILLED_CIRCULAR	0.60	0.28	0.15	0.60	1	890.17
13A-C145	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	710.76
13A-C147	13A-S16	1.38	4.78	0.40	10.81	1	3336.92
13A-C148	13A-S17	1.07	3.29	0.25	12.49	1	4582.82
13A-C149	13A-S18	2.23	11.60	0.70	14.78	1	3713.95
13A-C150	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	346.57
13A-C151	FILLED_CIRCULAR	0.80	0.50	0.20	0.80	1	1228.63
13A-C152	FILLED_CIRCULAR	0.80	0.50	0.20	0.80	1	1317.94
13A-C153	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	317.55
13A-C154	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	314.29
13A-C155	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	322.32
13A-C159	FILLED_CIRCULAR	0.80	0.50	0.20	0.80	1	1367.68
13A-C160	13A-S19	1.84	7.41	0.75	8.76	1	18156.40
13A-C162	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	271.26
13A-C163	13A-S20	1.51	6.24	0.72	7.31	1	6524.14
13A-C164	RECT_CLOSED	0.60	0.30	0.14	0.50	1	492.02
13A-C165	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	549.50

13A-C166	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	234.38
13A-C167	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	224.31
13A-C174	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	135.54
13A-C176	FILLED_CIRCULAR	0.80	0.50	0.20	0.80	1	951.41
13A-C177	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	272.19
13A-C179	FILLED_CIRCULAR	0.60	0.28	0.15	0.60	1	448.28
13A-C185	13A-S21	0.54	0.64	0.19	2.99	1	299.38
13A-C186	FILLED_CIRCULAR	0.90	0.64	0.23	0.90	1	1414.95
13A-C187	13A-S22	2.44	9.70	1.11	7.53	1	20734.56
13A-C188	13A-S23	0.96	1.03	0.35	1.94	1	1371.92
13A-C189	13A-S24	0.41	0.41	0.16	2.26	1	234.75
13A-C190	13A-S25	1.35	4.05	0.45	7.93	1	5408.46
13A-C191	13A-S26	0.70	0.66	0.30	1.23	1	2923.09
13A-C192	13A-S33	0.20	0.05	0.08	0.44	1	19.03
13A-C193	13A-S27	0.76	1.45	0.23	5.84	1	880.51
13A-C194	13A-S34	0.69	0.57	0.30	1.07	1	652.25
13A-C195	PARABOLIC	0.20	0.05	0.09	0.40	1	54.56
13A-C204	13A-S29	1.26	4.07	0.39	9.88	1	24593.52
13A-C205	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	176.30
13A-C206	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	7.85
13A-C207	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	94.99
13A-C209	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	642.38
13A-C210	13A-S30	0.62	1.09	0.17	6.13	1	2450.75
13A-C211	MODBASKETHANDLE	0.60	0.37	0.16	0.70	1	400.21
13A-C212	FILLED_CIRCULAR	0.80	0.50	0.20	0.80	1	350.20
13A-C213	13A-S31	1.56	6.17	0.40	14.10	1	8739.04
13A-C214	13A-S32	1.07	3.29	0.25	12.49	1	8689.33
13A-C217	FILLED_CIRCULAR	0.19	0.03	0.05	0.19	1	197.46
13A-C218	RECT_CLOSED	2.00	2.00	0.33	1.00	1	4787.63
13A-C219	FILLED_CIRCULAR	0.19	0.03	0.05	0.19	1	51.08
13B-C001	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	244.91
13B-C002	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	61.06
13B-C003	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	53.30
13B-C004	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	62.58
13B-C005	FILLED_CIRCULAR	0.19	0.03	0.05	0.19	1	47.65
13B-C006	RECT_CLOSED	0.70	0.56	0.19	0.80	1	316.56
13B-C010	13B-S37	0.49	0.62	0.27	2.09	1	1673.19
13B-C011	13B-S36	0.76	1.22	0.35	2.65	1	3367.94
13B-C012	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	130.11
13B-C013	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	60.57
13B-C014	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	88.73
13B-C015	FILLED_CIRCULAR	0.12	0.01	0.03	0.12	1	31.25
13B-C017	FILLED_CIRCULAR	0.12	0.01	0.03	0.12	1	33.55
13B-C018	FILLED_CIRCULAR	0.12	0.01	0.03	0.12	1	30.97
13B-C019	FILLED_CIRCULAR	0.20	0.03	0.05	0.20	1	54.00
13B-C020	FILLED_CIRCULAR	0.20	0.03	0.05	0.20	1	46.46
13B-C021	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	165.02
13B-C022	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	96.97
13B-C023	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	276.12
13B-C024	FILLED_CIRCULAR	0.24	0.05	0.06	0.24	1	239.44
13B-C025	FILLED_CIRCULAR	0.19	0.03	0.05	0.19	1	129.64
13B-C026	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	224.73
13B-C027	FILLED_CIRCULAR	0.24	0.05	0.06	0.24	1	254.05
13B-C028	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	247.62
13B-C029	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	206.45
13B-C030	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	168.21
13B-C031	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	217.13
13B-C032	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	199.80
13B-C033	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	225.53
13B-C034	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	183.44
13B-C035	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	154.36
13B-C036	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	207.29
13B-C037	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	211.31
13B-C038	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	211.74
13B-C039	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	233.05
13B-C040	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	239.47
13B-C041	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	226.46
13B-C042	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	198.26
13B-C043	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	121.47
13B-C044	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	130.54
13B-C045	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	79.40
13B-C046	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	243.57
13B-C047	FILLED_CIRCULAR	0.60	0.28	0.15	0.60	1	239.02
13B-C048	13B-S38	1.55	3.39	0.41	6.81	1	806.00
13B-C049	13B-S39	1.55	3.39	0.41	6.81	1	4446.14
13B-C050	FILLED_CIRCULAR	0.60	0.28	0.15	0.60	1	181.64
13B-C051	FILLED_CIRCULAR	1.80	2.54	0.45	1.80	1	7700.39
13B-C052	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	69.80
13B-C053	FILLED_CIRCULAR	0.15	0.02	0.04	0.15	1	39.07
13B-C054	FILLED_CIRCULAR	0.15	0.02	0.04	0.15	1	33.34
13B-C055	FILLED_CIRCULAR	0.15	0.02	0.04	0.15	1	27.28
13B-C058	FILLED_CIRCULAR	2.00	3.14	0.50	2.00	1	15389.13
13B-C059	13B-S40	0.37	0.27	0.20	1.10	1	333.53
13B-C060	13B-S41	0.39	0.34	0.21	1.25	1	50.25
13B-C061	13B-S42	0.51	0.70	0.28	2.14	1	285.05
13B-C063	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	142.88
13B-C064	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	41.33
13B-C065	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	181.44
13B-C066	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	107.08
13B-C068	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	199.56
13B-C069	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	67.79
13B-C070	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	64.09
13B-C077	FILLED_CIRCULAR	1.00	0.79	0.25	1.00	1	2208.54
13B-C078	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	74.31
13B-C086	FILLED_CIRCULAR	0.30	0.07	0.08	0.30	1	64.04
13B-C087	13B-S43	2.56	17.02	1.28	14.32	1	17803.51
13B-C088	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	320.21
13B-C089	RECT_CLOSED	0.60	0.36	0.15	0.60	1	563.63
13B-C090	FILLED_CIRCULAR	0.20	0.03	0.05	0.20	1	38.12
13B-C091	FILLED_CIRCULAR	0.20	0.03	0.05	0.20	1	45.74
13B-C092	FILLED_CIRCULAR	0.12	0.01	0.03	0.12	1	34.05
13B-C094	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	189.30
13B-C095	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	235.52
13B-C096	13B-S44	0.76	2.25	0.34	6.38	1	3775.75
13B-C097	13B-S45	0.27	0.24	0.16	1.36	1	513.12
13B-C098	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	72.98
13B-C099	FILLED_CIRCULAR	0.30	0.07	0.08	0.30	1	58.25
13B-C100	FILLED_CIRCULAR	0.30	0.07	0.08	0.30	1	268.77
13B-C101	FILLED_CIRCULAR	0.30	0.07	0.08	0.30	1	114.72
13B-C102	FILLED_CIRCULAR	0.30	0.07	0.08	0.30	1	185.41
13B-C104	13B-S46	0.35	0.36	0.20	1.54	1	968.86
13B-C105	13B-S47	0.63	1.13	0.42	2.41	1	1328.25
13B-C106	13B-S48	0.33	0.30	0.19	1.36	1	291.52
13B-C107	FILLED_CIRCULAR	0.43	0.15	0.11	0.43	1	539.40
13B-C108	13B-S54	0.92	4.24	0.50	7.79	1	2057.72
13B-C109	13B-S49	1.55	3.39	0.41	6.81	1	1503.29
13B-C110	13B-S50	0.39	0.32	0.19	1.30	1	201.11
13B-C111	13B-S51	0.39	0.32	0.19	1.30	1	51.43
13B-C112	13B-S52	1.00	3.15	0.34	8.59	1	3528.08
13B-C113	13B-S53	0.99	1.40	0.45	2.02	1	7835.69
13B-C114	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	105.67
13B-C115	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	78.08
13B-C116	FILLED_CIRCULAR	0.60	0.28	0.15	0.60	1	125.50
13B-C117	FILLED_CIRCULAR	0.60	0.28	0.15	0.60	1	162.89
13B-C118	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	148.21
13B-C119	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	221.44
13B-C121	13B-S35	1.43	5.52	0.36	14.27	1	7650.04

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Transect Summary
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Transect 13A-S01
Area:

0.0033	0.0121	0.0217	0.0317	0.0422
0.0531	0.0645	0.0763	0.0885	0.1012
0.1143	0.1279	0.1419	0.1563	0.1712
0.1865	0.2023	0.2185	0.2351	0.2522
0.2697	0.2876	0.3063	0.3265	0.3474
0.3686	0.3902	0.4123	0.4347	0.4576
0.4808	0.5045	0.5285	0.5530	0.5779
0.6031	0.6288	0.6549	0.6813	0.7082
0.7355	0.7632	0.7912	0.8197	0.8486
0.8779	0.9076	0.9377	0.9682	1.0000

Hrad:

0.0245	0.0620	0.1034	0.1415	0.1767
0.2096	0.2405	0.2699	0.2978	0.3245
0.3501	0.3749	0.3989	0.4221	0.4448
0.4668	0.4884	0.5096	0.5303	0.5507
0.5707	0.5905	0.5940	0.6019	0.6236
0.6449	0.6658	0.6864	0.7066	0.7266
0.7463	0.7657	0.7849	0.8038	0.8226
0.8411	0.8595	0.8776	0.8957	0.9135
0.9312	0.9488	0.9662	0.9835	1.0007
1.0178	1.0348	1.0516	1.0684	1.0000

Width:

0.1899	0.2669	0.2794	0.2919	0.3044
0.3169	0.3294	0.3419	0.3544	0.3670
0.3795	0.3920	0.4045	0.4170	0.4295
0.4420	0.4545	0.4670	0.4795	0.4920
0.5045	0.5170	0.5537	0.5870	0.5985
0.6099	0.6214	0.6328	0.6443	0.6557
0.6672	0.6786	0.6901	0.7016	0.7130
0.7245	0.7359	0.7474	0.7588	0.7703

0.7817 0.7932 0.8046 0.8161 0.8275
0.8390 0.8504 0.8619 0.8734 1.0000

Transect 13A-S02
Area:
0.0004 0.0016 0.0036 0.0063 0.0099
0.0140 0.0186 0.0237 0.0292 0.0352
0.0416 0.0485 0.0559 0.0637 0.0719
0.0806 0.0898 0.0994 0.1095 0.1201
0.1311 0.1426 0.1545 0.1669 0.1797
0.1930 0.2067 0.2209 0.2356 0.2507
0.2663 0.2823 0.2988 0.3172 0.3386
0.3630 0.3904 0.4207 0.4541 0.4904
0.5298 0.5721 0.6174 0.6657 0.7170
0.7712 0.8279 0.8850 0.9424 1.0000
Hrad:
0.0280 0.0560 0.0841 0.1121 0.1413
0.1772 0.2108 0.2428 0.2736 0.3034
0.3325 0.3610 0.3891 0.4167 0.4441
0.4712 0.4980 0.5247 0.5512 0.5776
0.6038 0.6299 0.6559 0.6819 0.7077
0.7335 0.7593 0.7849 0.8106 0.8361
0.8617 0.8872 0.9046 0.8367 0.7913
0.7615 0.7428 0.7326 0.7287 0.7299
0.7350 0.7434 0.7544 0.7677 0.7828
0.7994 0.8407 0.8941 0.9472 1.0000
Width:
0.0137 0.0274 0.0411 0.0548 0.0678
0.0757 0.0836 0.0915 0.0995 0.1074
0.1153 0.1232 0.1311 0.1391 0.1470
0.1549 0.1628 0.1707 0.1786 0.1866
0.1945 0.2024 0.2103 0.2182 0.2262
0.2341 0.2420 0.2499 0.2578 0.2657
0.2737 0.2816 0.2927 0.3445 0.3962
0.4480 0.4997 0.5515 0.6032 0.6549
0.7067 0.7584 0.8102 0.8619 0.9137
0.9654 0.9861 0.9908 0.9954 1.0000

Transect 13A-S03
Area:
0.0006 0.0022 0.0050 0.0088 0.0138
0.0197 0.0260 0.0327 0.0398 0.0474
0.0553 0.0636 0.0724 0.0815 0.0911
0.1011 0.1114 0.1222 0.1334 0.1450
0.1570 0.1694 0.1829 0.1998 0.2178
0.2361 0.2546 0.2733 0.2922 0.3114
0.3308 0.3504 0.3703 0.3904 0.4108
0.4313 0.4530 0.4775 0.5048 0.5350
0.5680 0.6038 0.6425 0.6844 0.7300
0.7784 0.8296 0.8836 0.9404 1.0000
Hrad:
0.0314 0.0628 0.0941 0.1255 0.1569
0.2003 0.2452 0.2875 0.3278 0.3664
0.4036 0.4397 0.4747 0.5089 0.5424
0.5752 0.6074 0.6392 0.6705 0.7015
0.7321 0.7624 0.6978 0.6568 0.7016
0.7454 0.7882 0.8301 0.8712 0.9114
0.9508 0.9895 1.0276 1.0649 1.1017
1.1378 1.0872 1.0350 0.9977 0.9715
0.9541 0.9435 0.9385 0.9193 0.9252
0.9365 0.9498 0.9650 0.9818 1.0000
Width:
0.0181 0.0362 0.0543 0.0723 0.0904
0.1001 0.1067 0.1134 0.1201 0.1267
0.1334 0.1400 0.1467 0.1533 0.1600
0.1667 0.1733 0.1800 0.1866 0.1933
0.1999 0.2066 0.2489 0.2932 0.2971
0.3009 0.3047 0.3085 0.3123 0.3162
0.3200 0.3238 0.3276 0.3314 0.3353
0.3391 0.3778 0.4244 0.4710 0.5176
0.5641 0.6107 0.6573 0.7216 0.7701
0.8161 0.8621 0.9080 0.9540 1.0000

Transect 13A-S04
Area:
0.0017 0.0063 0.0115 0.0173 0.0234
0.0300 0.0370 0.0445 0.0524 0.0607
0.0695 0.0787 0.0883 0.0984 0.1089
0.1198 0.1312 0.1430 0.1553 0.1680
0.1811 0.1949 0.2096 0.2253 0.2419
0.2594 0.2779 0.2972 0.3175 0.3387
0.3609 0.3840 0.4079 0.4328 0.4582
0.4839 0.5100 0.5373 0.5656 0.5950
0.6254 0.6570 0.6896 0.7233 0.7581
0.7939 0.8309 0.8702 0.9254 1.0000
Hrad:
0.0453 0.1100 0.1815 0.2456 0.3042
0.3587 0.4099 0.4586 0.5052 0.5501
0.5935 0.6358 0.6772 0.7176 0.7574
0.7965 0.8350 0.8730 0.9107 0.9479
0.9837 0.9985 1.0162 1.0363 1.0586
1.0826 1.1081 1.1351 1.1632 1.1924
1.2225 1.2534 1.2851 1.3213 1.3734
1.4244 1.4479 1.4665 1.4865 1.5079
1.5304 1.5540 1.5785 1.6038 1.6300
1.6568 1.6843 1.7087 1.6975 1.0000
Width:
0.0400 0.0601 0.0653 0.0704 0.0756
0.0808 0.0859 0.0911 0.0963 0.1014
0.1066 0.1118 0.1169 0.1221 0.1273
0.1324 0.1376 0.1428 0.1479 0.1531
0.1585 0.1695 0.1805 0.1914 0.2024
0.2134 0.2243 0.2353 0.2463 0.2572
0.2682 0.2792 0.2901 0.2996 0.3027
0.3058 0.3168 0.3296 0.3423 0.3551
0.3679 0.3807 0.3935 0.4063 0.4191
0.4318 0.4446 0.5401 0.7701 1.0000

Transect 13A-S05
Area:
0.0007 0.0029 0.0064 0.0114 0.0178
0.0254 0.0336 0.0422 0.0513 0.0610
0.0711 0.0817 0.0928 0.1045 0.1166
0.1292 0.1423 0.1559 0.1701 0.1847
0.1998 0.2154 0.2315 0.2481 0.2652
0.2828 0.3009 0.3195 0.3386 0.3582
0.3783 0.3989 0.4200 0.4416 0.4637
0.4863 0.5094 0.5330 0.5571 0.5817
0.6067 0.6323 0.6590 0.7057 0.7543
0.8030 0.8520 0.9011 0.9505 1.0000
Hrad:
0.0276 0.0552 0.0829 0.1105 0.1381
0.1760 0.2151 0.2517 0.2863 0.3194
0.3512 0.3818 0.4115 0.4404 0.4686
0.4963 0.5234 0.5500 0.5763 0.6022
0.6278 0.6530 0.6781 0.7029 0.7275
0.7519 0.7761 0.8002 0.8242 0.8480
0.8717 0.8952 0.9187 0.9421 0.9654
0.9886 1.0117 1.0347 1.0577 1.0807
1.1035 1.1263 1.1476 0.7474 0.7910
0.8340 0.8764 0.9182 0.9594 1.0000
Width:
0.0288 0.0575 0.0863 0.1150 0.1438
0.1588 0.1688 0.1788 0.1889 0.1989
0.2090 0.2190 0.2291 0.2391 0.2491
0.2592 0.2692 0.2793 0.2893 0.2994
0.3094 0.3194 0.3295 0.3395 0.3496
0.3596 0.3697 0.3797 0.3897 0.3998
0.4098 0.4199 0.4299 0.4400 0.4500
0.4600 0.4701 0.4801 0.4902 0.5002
0.5103 0.5203 0.6974 0.9755 0.9796
0.9837 0.9878 0.9918 0.9959 1.0000

Transect 13A-S06
Area:
0.0040 0.0107 0.0179 0.0254 0.0334
0.0418 0.0506 0.0598 0.0695 0.0795
0.0900 0.1009 0.1121 0.1239 0.1360
0.1485 0.1615 0.1748 0.1886 0.2028
0.2174 0.2324 0.2479 0.2637 0.2800
0.2967 0.3138 0.3313 0.3492 0.3676
0.3922 0.4228 0.4536 0.4846 0.5157
0.5470 0.5784 0.6099 0.6416 0.6735
0.7054 0.7376 0.7699 0.8023 0.8349
0.8676 0.9005 0.9335 0.9667 1.0000
Hrad:
0.0248 0.0616 0.0957 0.1274 0.1572
0.1855 0.2125 0.2385 0.2634 0.2876
0.3110 0.3338 0.3561 0.3780 0.3993
0.4204 0.4410 0.4614 0.4815 0.5014
0.5210 0.5405 0.5597 0.5788 0.5977
0.6165 0.6351 0.6536 0.6720 0.6668
0.4825 0.5051 0.5361 0.5666 0.5967
0.6263 0.6555 0.6842 0.7125 0.7404
0.7680 0.7951 0.8219 0.8484 0.8744
0.9002 0.9256 0.9507 0.9755 1.0000

Width:

0.1954	0.2078	0.2202	0.2326	0.2451
0.2575	0.2699	0.2823	0.2947	0.3071
0.3195	0.3319	0.3444	0.3568	0.3692
0.3816	0.3940	0.4064	0.4188	0.4312
0.4437	0.4561	0.4685	0.4809	0.4933
0.5057	0.5181	0.5306	0.5430	0.5786
0.8970	0.9205	0.9249	0.9293	0.9337
0.9382	0.9426	0.9470	0.9514	0.9558
0.9602	0.9647	0.9691	0.9735	0.9779
0.9823	0.9867	0.9912	0.9956	1.0000

Transect 13A-S07

Area:

0.0029	0.0073	0.0124	0.0181	0.0245
0.0316	0.0394	0.0478	0.0569	0.0667
0.0771	0.0883	0.1000	0.1125	0.1256
0.1394	0.1539	0.1691	0.1849	0.2011
0.2177	0.2347	0.2520	0.2697	0.2878
0.3063	0.3251	0.3443	0.3642	0.3851
0.4068	0.4296	0.4532	0.4779	0.5034
0.5299	0.5574	0.5857	0.6151	0.6454
0.6766	0.7087	0.7418	0.7759	0.8109
0.8468	0.8837	0.9215	0.9603	1.0000

Hrad:

0.0305	0.0644	0.0938	0.1205	0.1454
0.1689	0.1915	0.2133	0.2346	0.2555
0.2760	0.2962	0.3162	0.3360	0.3556
0.3751	0.3944	0.4137	0.4360	0.4635
0.4905	0.5172	0.5435	0.5696	0.5953
0.6207	0.6459	0.6699	0.6794	0.6899
0.7012	0.7132	0.7259	0.7391	0.7529
0.7672	0.7819	0.7971	0.8126	0.8284
0.8445	0.8609	0.8776	0.8945	0.9116
0.9289	0.9464	0.9641	0.9820	1.0000

Width:

0.1012	0.1179	0.1346	0.1513	0.1681
0.1848	0.2015	0.2182	0.2349	0.2516
0.2683	0.2850	0.3017	0.3184	0.3352
0.3519	0.3686	0.3853	0.3992	0.4085
0.4178	0.4270	0.4363	0.4456	0.4548
0.4641	0.4734	0.4835	0.5070	0.5304
0.5539	0.5774	0.6009	0.6243	0.6478
0.6713	0.6948	0.7183	0.7417	0.7652
0.7887	0.8122	0.8357	0.8591	0.8826
0.9061	0.9296	0.9530	0.9765	1.0000

Transect 13A-S08

Area:

0.0028	0.0096	0.0169	0.0246	0.0328
0.0415	0.0505	0.0601	0.0701	0.0805
0.0914	0.1027	0.1145	0.1267	0.1394
0.1526	0.1661	0.1802	0.1950	0.2107
0.2273	0.2447	0.2630	0.2822	0.3022
0.3231	0.3448	0.3675	0.3909	0.4153
0.4405	0.4666	0.4930	0.5196	0.5464
0.5735	0.6007	0.6280	0.6556	0.6834
0.7113	0.7395	0.7678	0.7965	0.8265
0.8581	0.8913	0.9260	0.9622	1.0000

Hrad:

0.0206	0.0556	0.0910	0.1241	0.1552
0.1848	0.2131	0.2402	0.2664	0.2918
0.3165	0.3405	0.3640	0.3870	0.4096
0.4319	0.4537	0.4712	0.4819	0.4934
0.5058	0.5188	0.5323	0.5464	0.5609
0.5758	0.5910	0.6066	0.6224	0.6384
0.6547	0.6749	0.7073	0.7395	0.7713
0.8030	0.8344	0.8655	0.8965	0.9272
0.9577	0.9879	1.0180	1.0278	1.0173
1.0096	1.0043	1.0011	0.9997	1.0000

Width:

0.1475	0.1831	0.1948	0.2064	0.2181
0.2297	0.2414	0.2530	0.2647	0.2763
0.2880	0.2997	0.3113	0.3230	0.3346
0.3463	0.3579	0.3734	0.3958	0.4182
0.4406	0.4630	0.4854	0.5078	0.5303
0.5527	0.5751	0.5975	0.6199	0.6423
0.6647	0.6830	0.6879	0.6928	0.6977
0.7026	0.7075	0.7124	0.7173	0.7222
0.7271	0.7320	0.7369	0.7585	0.7987
0.8390	0.8792	0.9195	0.9597	1.0000

Transect 13A-S09

Area:

0.0022	0.0072	0.0127	0.0189	0.0257
0.0331	0.0411	0.0497	0.0590	0.0688
0.0793	0.0904	0.1020	0.1143	0.1273
0.1408	0.1549	0.1697	0.1850	0.2010
0.2176	0.2348	0.2526	0.2710	0.2901
0.3097	0.3300	0.3509	0.3723	0.3944
0.4172	0.4405	0.4644	0.4890	0.5142
0.5402	0.5669	0.5944	0.6228	0.6519
0.6817	0.7124	0.7438	0.7766	0.8107
0.8462	0.8831	0.9211	0.9601	1.0000

Hrad:

0.0263	0.0686	0.1050	0.1370	0.1661
0.1930	0.2185	0.2428	0.2661	0.2888
0.3109	0.3326	0.3538	0.3748	0.3954
0.4159	0.4361	0.4562	0.4761	0.4959
0.5155	0.5351	0.5546	0.5740	0.5933
0.6126	0.6318	0.6509	0.6700	0.6891
0.7081	0.7271	0.7460	0.7649	0.7819
0.7985	0.8153	0.8323	0.8494	0.8668
0.8843	0.9019	0.9160	0.9237	0.9325
0.9423	0.9536	0.9689	0.9843	1.0000

Width:

0.1103	0.1301	0.1453	0.1604	0.1756
0.1908	0.2059	0.2211	0.2362	0.2514
0.2666	0.2817	0.2969	0.3121	0.3272
0.3424	0.3576	0.3727	0.3879	0.4030
0.4182	0.4334	0.4485	0.4637	0.4789
0.4940	0.5092	0.5244	0.5395	0.5547
0.5698	0.5850	0.6002	0.6153	0.6335
0.6528	0.6720	0.6913	0.7106	0.7298
0.7491	0.7684	0.7929	0.8274	0.8619
0.8964	0.9293	0.9529	0.9764	1.0000

Transect 13A-S10

Area:

0.0006	0.0022	0.0050	0.0085	0.0126
0.0170	0.0220	0.0274	0.0332	0.0395
0.0462	0.0534	0.0610	0.0691	0.0776
0.0866	0.0961	0.1060	0.1163	0.1271
0.1383	0.1500	0.1622	0.1748	0.1878
0.2013	0.2153	0.2297	0.2445	0.2598
0.2756	0.2918	0.3088	0.3313	0.3605
0.3966	0.4374	0.4787	0.5202	0.5620
0.6040	0.6463	0.6889	0.7317	0.7748
0.8182	0.8619	0.9068	0.9528	1.0000

Hrad:

0.0247	0.0494	0.0741	0.1087	0.1405
0.1699	0.1976	0.2241	0.2497	0.2745
0.2987	0.3225	0.3459	0.3690	0.3918
0.4144	0.4369	0.4592	0.4813	0.5033
0.5252	0.5470	0.5688	0.5904	0.6120
0.6336	0.6551	0.6765	0.6979	0.7193
0.7406	0.7619	0.7818	0.7861	0.7768
0.7599	0.5066	0.5506	0.5943	0.6377
0.6808	0.7236	0.7662	0.8084	0.8504
0.8922	0.9244	0.9495	0.9748	1.0000

Width:

0.0231	0.0462	0.0693	0.0796	0.0890
0.0984	0.1079	0.1173	0.1268	0.1362
0.1457	0.1551	0.1645	0.1740	0.1834
0.1929	0.2023	0.2117	0.2212	0.2306
0.2401	0.2495	0.2590	0.2684	0.2778
0.2873	0.2967	0.3062	0.3156	0.3250
0.3345	0.3439	0.3993	0.5412	0.6831
0.8250	0.8610	0.8665	0.8720	0.8774
0.8829	0.8883	0.8938	0.8992	0.9047
0.9101	0.9265	0.9510	0.9755	1.0000

Transect 13A-S11

Area:

0.0131	0.0264	0.0401	0.0542	0.0685
0.0831	0.0981	0.1134	0.1290	0.1449
0.1611	0.1777	0.1946	0.2117	0.2292
0.2471	0.2652	0.2837	0.3024	0.3215
0.3409	0.3607	0.3807	0.4011	0.4217
0.4427	0.4640	0.4857	0.5076	0.5297
0.5519	0.5743	0.5968	0.6195	0.6423
0.6652	0.6882	0.7114	0.7347	0.7582
0.7817	0.8055	0.8293	0.8533	0.8774
0.9017	0.9260	0.9506	0.9752	1.0000

Hrad:

0.0461	0.0886	0.1281	0.1649	0.1994

0.2318 0.2625 0.2917 0.3194 0.3460
0.3714 0.3958 0.4193 0.4420 0.4639
0.4852 0.5058 0.5259 0.5455 0.5646
0.5832 0.6015 0.6194 0.6369 0.6541
0.6709 0.6875 0.7039 0.7203 0.7369
0.7532 0.7689 0.7843 0.7993 0.8139
0.8282 0.8422 0.8558 0.8691 0.8822
0.8950 0.9075 0.9198 0.9319 0.9438
0.9554 0.9668 0.9781 0.9891 1.0000

Width:
0.5320 0.5448 0.5575 0.5703 0.5830
0.5958 0.6086 0.6213 0.6341 0.6468
0.6596 0.6724 0.6851 0.6979 0.7107
0.7234 0.7362 0.7489 0.7617 0.7745
0.7872 0.8000 0.8127 0.8255 0.8383
0.8510 0.8638 0.8765 0.8869 0.8923
0.8977 0.9031 0.9085 0.9138 0.9192
0.9246 0.9300 0.9354 0.9408 0.9462
0.9515 0.9569 0.9623 0.9677 0.9731
0.9785 0.9838 0.9892 0.9946 1.0000

Transect 13A-S12
Area:
0.0013 0.0052 0.0116 0.0206 0.0319
0.0440 0.0564 0.0693 0.0826 0.0964
0.1106 0.1252 0.1402 0.1557 0.1716
0.1879 0.2047 0.2219 0.2395 0.2576
0.2761 0.2950 0.3144 0.3342 0.3544
0.3751 0.3961 0.4177 0.4396 0.4620
0.4848 0.5080 0.5317 0.5558 0.5804
0.6053 0.6307 0.6566 0.6828 0.7095
0.7367 0.7642 0.7922 0.8206 0.8495
0.8788 0.9085 0.9386 0.9692 1.0000

Hrad:
0.0207 0.0414 0.0621 0.0828 0.1109
0.1446 0.1762 0.2061 0.2345 0.2616
0.2876 0.3125 0.3366 0.3598 0.3824
0.4043 0.4257 0.4465 0.4669 0.4869
0.5064 0.5256 0.5445 0.5631 0.5815
0.5995 0.6174 0.6350 0.6524 0.6696
0.6867 0.7036 0.7203 0.7370 0.7534
0.7698 0.7860 0.8021 0.8181 0.8341
0.8499 0.8656 0.8813 0.8968 0.9123
0.9278 0.9431 0.9584 0.9774 1.0000

Width:
0.0833 0.1665 0.2498 0.3330 0.3816
0.3956 0.4095 0.4234 0.4374 0.4513
0.4653 0.4792 0.4932 0.5071 0.5211
0.5350 0.5490 0.5629 0.5768 0.5908
0.6047 0.6187 0.6326 0.6466 0.6605
0.6745 0.6884 0.7023 0.7163 0.7302
0.7442 0.7581 0.7721 0.7860 0.8000
0.8139 0.8278 0.8418 0.8557 0.8697
0.8836 0.8976 0.9115 0.9255 0.9394
0.9534 0.9673 0.9812 0.9921 1.0000

Transect 13A-S13
Area:
0.0013 0.0052 0.0116 0.0206 0.0319
0.0440 0.0564 0.0693 0.0826 0.0964
0.1106 0.1252 0.1402 0.1557 0.1716
0.1879 0.2047 0.2219 0.2395 0.2576
0.2761 0.2950 0.3144 0.3342 0.3544
0.3751 0.3961 0.4177 0.4396 0.4620
0.4848 0.5080 0.5317 0.5558 0.5804
0.6053 0.6307 0.6566 0.6828 0.7095
0.7367 0.7642 0.7922 0.8206 0.8495
0.8788 0.9085 0.9386 0.9692 1.0000

Hrad:
0.0207 0.0414 0.0621 0.0828 0.1109
0.1446 0.1762 0.2061 0.2345 0.2616
0.2876 0.3125 0.3366 0.3598 0.3824
0.4043 0.4257 0.4465 0.4669 0.4869
0.5064 0.5256 0.5445 0.5631 0.5815
0.5995 0.6174 0.6350 0.6524 0.6696
0.6867 0.7036 0.7203 0.7370 0.7534
0.7698 0.7860 0.8021 0.8181 0.8341
0.8499 0.8656 0.8813 0.8968 0.9123
0.9278 0.9431 0.9584 0.9774 1.0000

Width:
0.0833 0.1665 0.2498 0.3330 0.3816
0.3956 0.4095 0.4234 0.4374 0.4513
0.4653 0.4792 0.4932 0.5071 0.5211
0.5350 0.5490 0.5629 0.5768 0.5908
0.6047 0.6187 0.6326 0.6466 0.6605
0.6745 0.6884 0.7023 0.7163 0.7302
0.7442 0.7581 0.7721 0.7860 0.8000
0.8139 0.8278 0.8418 0.8557 0.8697
0.8836 0.8976 0.9115 0.9255 0.9394
0.9534 0.9673 0.9812 0.9921 1.0000

Transect 13A-S14
Area:
0.0080 0.0189 0.0300 0.0416 0.0534
0.0657 0.0782 0.0912 0.1045 0.1181
0.1321 0.1464 0.1611 0.1762 0.1916
0.2073 0.2234 0.2399 0.2567 0.2738
0.2913 0.3092 0.3274 0.3460 0.3649
0.3842 0.4038 0.4238 0.4441 0.4648
0.4858 0.5072 0.5292 0.5524 0.5762
0.6000 0.6239 0.6479 0.6720 0.6961
0.7204 0.7447 0.7691 0.7936 0.8182
0.8442 0.8753 0.9117 0.9535 1.0000

Hrad:
0.0492 0.1082 0.1621 0.2119 0.2581
0.3013 0.3419 0.3803 0.4167 0.4515
0.4848 0.5167 0.5475 0.5773 0.6061
0.6340 0.6612 0.6877 0.7136 0.7389
0.7637 0.7880 0.8119 0.8353 0.8584
0.8811 0.9035 0.9256 0.9475 0.9691
0.9904 1.0115 1.0139 1.0176 1.0444
1.0704 1.0958 1.1206 1.1447 1.1683
1.1913 1.2138 1.2358 1.2573 1.2783
1.2016 1.1132 1.0480 0.9998 1.0000

Width:
0.2252 0.2326 0.2401 0.2475 0.2549
0.2624 0.2698 0.2773 0.2847 0.2922
0.2996 0.3071 0.3145 0.3220 0.3294
0.3369 0.3443 0.3517 0.3592 0.3666
0.3741 0.3815 0.3890 0.3964 0.4039
0.4113 0.4188 0.4262 0.4336 0.4411
0.4485 0.4560 0.4785 0.5014 0.5032
0.5049 0.5067 0.5084 0.5101 0.5119
0.5136 0.5153 0.5171 0.5188 0.5205
0.6018 0.7145 0.8272 0.9399 1.0000

Transect 13A-S15
Area:
0.0004 0.0015 0.0035 0.0061 0.0096
0.0138 0.0188 0.0246 0.0311 0.0384
0.0464 0.0552 0.0648 0.0752 0.0863
0.0980 0.1102 0.1229 0.1362 0.1502
0.1646 0.1797 0.1953 0.2115 0.2283
0.2456 0.2635 0.2820 0.3011 0.3207
0.3409 0.3617 0.3831 0.4050 0.4275
0.4506 0.4742 0.4985 0.5233 0.5486
0.5746 0.6011 0.6282 0.6558 0.6941
0.7348 0.7854 0.8465 0.9180 1.0000

Hrad:
0.0377 0.0753 0.1130 0.1507 0.1884
0.2260 0.2637 0.3014 0.3391 0.3767
0.4144 0.4521 0.4898 0.5274 0.5681
0.6138 0.6563 0.6982 0.7394 0.7801
0.8203 0.8601 0.8995 0.9386 0.9774
1.0159 1.0542 1.0923 1.1302 1.1679
1.2054 1.2428 1.2801 1.3172 1.3542
1.3911 1.4279 1.4646 1.5012 1.5377
1.5742 1.6106 1.6469 1.3277 1.3944
1.2879 1.1586 1.0780 1.0284 1.0000

Width:
0.0088 0.0176 0.0264 0.0352 0.0440
0.0528 0.0616 0.0704 0.0792 0.0880
0.0968 0.1056 0.1144 0.1232 0.1309
0.1365 0.1430 0.1496 0.1562 0.1628
0.1693 0.1759 0.1825 0.1890 0.1956
0.2022 0.2088 0.2153 0.2219 0.2285
0.2350 0.2416 0.2482 0.2548 0.2613
0.2679 0.2745 0.2811 0.2876 0.2942
0.3008 0.3073 0.3139 0.4370 0.4398
0.5206 0.6404 0.7603 0.8801 1.0000

Transect 13A-S16
Area:
0.0009 0.0035 0.0079 0.0140 0.0219
0.0316 0.0419 0.0525 0.0633 0.0744
0.0857 0.0972 0.1090 0.1210 0.1333

0.1458 0.1586 0.1716 0.1848 0.1982
0.2120 0.2259 0.2401 0.2545 0.2692
0.2841 0.2993 0.3147 0.3303 0.3462
0.3623 0.3786 0.3952 0.4121 0.4291
0.4464 0.4640 0.4822 0.5025 0.5253
0.5525 0.5846 0.6215 0.6640 0.7133
0.7666 0.8219 0.8792 0.9386 1.0000
Hrad:
0.0329 0.0658 0.0986 0.1315 0.1644
0.2024 0.2591 0.3134 0.3654 0.4154
0.4635 0.5100 0.5550 0.5986 0.6409
0.6821 0.7222 0.7613 0.7994 0.8368
0.8733 0.9091 0.9442 0.9787 1.0126
1.0459 1.0787 1.1110 1.1429 1.1743
1.2053 1.2359 1.2661 1.2961 1.3256
1.3549 1.3839 1.3429 1.2840 1.1862
1.0772 1.0028 0.9517 0.8876 0.8476
0.8779 0.9083 0.9388 0.9693 1.0000
Width:
0.0281 0.0563 0.0844 0.1125 0.1406
0.1638 0.1677 0.1716 0.1754 0.1793
0.1831 0.1870 0.1908 0.1947 0.1985
0.2024 0.2062 0.2101 0.2139 0.2178
0.2216 0.2255 0.2293 0.2332 0.2370
0.2409 0.2447 0.2486 0.2525 0.2563
0.2602 0.2640 0.2679 0.2717 0.2756
0.2794 0.2833 0.3079 0.3421 0.3983
0.4756 0.5529 0.6302 0.7351 0.8381
0.8704 0.9028 0.9352 0.9676 1.0000

Transect 13A-S17
Area:
0.0004 0.0015 0.0033 0.0059 0.0092
0.0133 0.0181 0.0236 0.0299 0.0369
0.0446 0.0531 0.0623 0.0720 0.0820
0.0923 0.1030 0.1139 0.1252 0.1367
0.1486 0.1608 0.1732 0.1860 0.1991
0.2124 0.2261 0.2401 0.2543 0.2689
0.2838 0.2990 0.3144 0.3302 0.3463
0.3627 0.3794 0.3964 0.4153 0.4373
0.4648 0.4990 0.5399 0.5873 0.6413
0.7020 0.7693 0.8430 0.9202 1.0000
Hrad:
0.0389 0.0777 0.1166 0.1555 0.1944
0.2332 0.2721 0.3110 0.3499 0.3887
0.4276 0.4665 0.5116 0.5656 0.6179
0.6701 0.7217 0.7720 0.8209 0.8688
0.9156 0.9614 1.0064 1.0506 1.0940
1.1368 1.1790 1.2206 1.2616 1.3022
1.3423 1.3819 1.4212 1.4601 1.4987
1.5369 1.5748 1.5845 1.4613 1.3228
1.1381 1.0262 0.9569 0.9147 0.8909
0.8799 0.8785 0.8989 0.9497 1.0000
Width:
0.0091 0.0182 0.0273 0.0364 0.0455
0.0546 0.0636 0.0727 0.0818 0.0909
0.1000 0.1091 0.1164 0.1209 0.1254
0.1295 0.1332 0.1369 0.1406 0.1443
0.1480 0.1517 0.1554 0.1592 0.1629
0.1666 0.1703 0.1740 0.1777 0.1814
0.1851 0.1888 0.1926 0.1963 0.2000
0.2037 0.2074 0.2158 0.2509 0.2991
0.3806 0.4622 0.5437 0.6252 0.7068
0.7883 0.8698 0.9349 0.9674 1.0000

Transect 13A-S18
Area:
0.0008 0.0030 0.0066 0.0106 0.0148
0.0192 0.0238 0.0287 0.0338 0.0391
0.0446 0.0503 0.0563 0.0625 0.0689
0.0755 0.0823 0.0894 0.0967 0.1042
0.1119 0.1199 0.1280 0.1364 0.1450
0.1539 0.1629 0.1722 0.1817 0.1914
0.2014 0.2155 0.2411 0.2775 0.3163
0.3552 0.3941 0.4331 0.4722 0.5122
0.5537 0.5969 0.6416 0.6880 0.7360
0.7855 0.8367 0.8896 0.9440 1.0000
Hrad:
0.0300 0.0599 0.1008 0.1466 0.1877
0.2251 0.2597 0.2919 0.3222 0.3510
0.3785 0.4049 0.4304 0.4551 0.4791
0.5025 0.5254 0.5478 0.5698 0.5914
0.6127 0.6337 0.6545 0.6750 0.6953
0.7154 0.7353 0.7550 0.7746 0.7941
0.8134 0.5352 0.4105 0.3935 0.4467
0.4995 0.5520 0.6042 0.6560 0.6874
0.7186 0.7498 0.7810 0.8122 0.8435
0.8747 0.9060 0.9373 0.9687 1.0000
Width:
0.0267 0.0534 0.0679 0.0718 0.0757
0.0796 0.0834 0.0873 0.0912 0.0951
0.0990 0.1029 0.1068 0.1107 0.1146
0.1185 0.1224 0.1263 0.1301 0.1340
0.1379 0.1418 0.1457 0.1496 0.1535
0.1574 0.1613 0.1652 0.1691 0.1729
0.1768 0.3479 0.5523 0.6820 0.6833
0.6847 0.6860 0.6874 0.6888 0.7167
0.7450 0.7734 0.8017 0.8300 0.8584
0.8867 0.9150 0.9433 0.9717 1.0000

Transect 13A-S19
Area:
0.0017 0.0068 0.0135 0.0206 0.0282
0.0362 0.0446 0.0535 0.0628 0.0725
0.0827 0.0933 0.1044 0.1159 0.1278
0.1401 0.1529 0.1661 0.1798 0.1939
0.2084 0.2234 0.2388 0.2546 0.2709
0.2876 0.3047 0.3223 0.3403 0.3587
0.3776 0.4068 0.4376 0.4686 0.4998
0.5312 0.5629 0.5948 0.6269 0.6592
0.6918 0.7246 0.7576 0.7909 0.8244
0.8581 0.8920 0.9262 0.9607 1.0000
Hrad:
0.0238 0.0496 0.0910 0.1290 0.1644
0.1976 0.2291 0.2592 0.2880 0.3158
0.3427 0.3688 0.3942 0.4191 0.4435
0.4674 0.4910 0.5141 0.5370 0.5595
0.5819 0.6039 0.6258 0.6475 0.6690
0.6903 0.7115 0.7325 0.7535 0.7743
0.7652 0.5702 0.6081 0.6458 0.6831
0.7202 0.7569 0.7934 0.8296 0.8655
0.9012 0.9366 0.9717 1.0066 1.0413
1.0757 1.1099 1.1438 1.1574 1.0000
Width:
0.0779 0.1491 0.1591 0.1691 0.1791
0.1891 0.1991 0.2091 0.2191 0.2291
0.2391 0.2491 0.2591 0.2691 0.2791
0.2891 0.2991 0.3091 0.3191 0.3291
0.3391 0.3491 0.3591 0.3691 0.3791
0.3891 0.3991 0.4091 0.4191 0.4291
0.4599 0.7046 0.7098 0.7151 0.7203
0.7256 0.7308 0.7361 0.7413 0.7466
0.7518 0.7571 0.7623 0.7676 0.7728
0.7781 0.7833 0.7886 0.8099 1.0000

Transect 13A-S20
Area:
0.0009 0.0035 0.0078 0.0138 0.0206
0.0279 0.0357 0.0439 0.0527 0.0620
0.0718 0.0822 0.0930 0.1043 0.1161
0.1285 0.1413 0.1546 0.1685 0.1829
0.1981 0.2152 0.2342 0.2550 0.2776
0.3021 0.3282 0.3547 0.3814 0.4082
0.4353 0.4626 0.4901 0.5178 0.5457
0.5738 0.6022 0.6307 0.6594 0.6883
0.7174 0.7467 0.7762 0.8059 0.8359
0.8667 0.8985 0.9313 0.9651 1.0000
Hrad:
0.0203 0.0406 0.0609 0.0859 0.1176
0.1473 0.1753 0.2020 0.2277 0.2525
0.2765 0.2999 0.3227 0.3451 0.3671
0.3887 0.4101 0.4312 0.4520 0.4726
0.4649 0.4562 0.4527 0.4529 0.4562
0.4618 0.4817 0.5134 0.5445 0.5751
0.6052 0.6348 0.6638 0.6924 0.7206
0.7483 0.7756 0.8025 0.8290 0.8551
0.8809 0.9063 0.9314 0.9561 0.9742
0.9777 0.9821 0.9873 0.9933 1.0000
Width:
0.0492 0.0983 0.1475 0.1842 0.1985
0.2128 0.2271 0.2414 0.2557 0.2700
0.2843 0.2986 0.3129 0.3272 0.3415
0.3558 0.3701 0.3844 0.3987 0.4130
0.4575 0.5095 0.5615 0.6135 0.6655
0.7175 0.7459 0.7516 0.7573 0.7630
0.7687 0.7744 0.7801 0.7858 0.7915

0.7972 0.8029 0.8086 0.8143 0.8200
0.8257 0.8314 0.8371 0.8428 0.8554
0.8843 0.9132 0.9422 0.9711 1.0000

Transect 13A-S21
Area:
0.0019 0.0077 0.0151 0.0232 0.0318
0.0409 0.0507 0.0610 0.0718 0.0832
0.0952 0.1077 0.1208 0.1344 0.1487
0.1634 0.1788 0.1947 0.2111 0.2281
0.2457 0.2639 0.2826 0.3018 0.3216
0.3420 0.3628 0.3841 0.4059 0.4281
0.4509 0.4741 0.4978 0.5220 0.5466
0.5718 0.5974 0.6235 0.6500 0.6771
0.7046 0.7326 0.7611 0.7901 0.8196
0.8495 0.8799 0.9128 0.9528 1.0000
Hrad:
0.0268 0.0568 0.1025 0.1444 0.1833
0.2198 0.2544 0.2874 0.3191 0.3498
0.3795 0.4084 0.4367 0.4644 0.4916
0.5183 0.5446 0.5706 0.5963 0.6217
0.6469 0.6718 0.6965 0.7211 0.7455
0.7759 0.8062 0.8363 0.8662 0.8960
0.9256 0.9551 0.9844 1.0137 1.0428
1.0717 1.1006 1.1294 1.1581 1.1867
1.2152 1.2436 1.2719 1.3002 1.3284
1.3565 1.3845 1.2351 1.0958 1.0000
Width:
0.0757 0.1417 0.1528 0.1638 0.1749
0.1859 0.1969 0.2080 0.2190 0.2301
0.2411 0.2521 0.2632 0.2742 0.2853
0.2963 0.3073 0.3184 0.3294 0.3405
0.3515 0.3625 0.3736 0.3846 0.3957
0.4051 0.4145 0.4240 0.4334 0.4429
0.4523 0.4617 0.4712 0.4806 0.4900
0.4995 0.5089 0.5183 0.5278 0.5372
0.5466 0.5561 0.5655 0.5749 0.5844
0.5938 0.6033 0.7159 0.8579 1.0000

Transect 13A-S22
Area:
0.0045 0.0106 0.0174 0.0248 0.0327
0.0413 0.0504 0.0602 0.0705 0.0815
0.0930 0.1052 0.1180 0.1313 0.1453
0.1598 0.1750 0.1907 0.2071 0.2240
0.2416 0.2597 0.2785 0.2978 0.3178
0.3383 0.3595 0.3811 0.4030 0.4252
0.4478 0.4706 0.4937 0.5172 0.5409
0.5649 0.5897 0.6154 0.6421 0.6698
0.6985 0.7281 0.7587 0.7902 0.8228
0.8563 0.8907 0.9262 0.9626 1.0000
Hrad:
0.0327 0.0688 0.1009 0.1302 0.1574
0.1830 0.2073 0.2306 0.2531 0.2750
0.2963 0.3171 0.3376 0.3577 0.3775
0.3970 0.4164 0.4355 0.4545 0.4733
0.4920 0.5105 0.5290 0.5473 0.5656
0.5838 0.6019 0.6283 0.6548 0.6811
0.7071 0.7328 0.7583 0.7836 0.8087
0.8312 0.8393 0.8483 0.8581 0.8685
0.8796 0.8912 0.9033 0.9160 0.9290
0.9425 0.9564 0.9706 0.9852 1.0000
Width:
0.1547 0.1705 0.1863 0.2022 0.2180
0.2338 0.2497 0.2655 0.2813 0.2972
0.3130 0.3288 0.3447 0.3605 0.3763
0.3922 0.4080 0.4239 0.4397 0.4555
0.4714 0.4872 0.5030 0.5189 0.5347
0.5505 0.5664 0.5747 0.5827 0.5907
0.5987 0.6066 0.6146 0.6226 0.6306
0.6410 0.6667 0.6923 0.7179 0.7436
0.7692 0.7949 0.8205 0.8462 0.8718
0.8974 0.9231 0.9487 0.9744 1.0000

Transect 13A-S23
Area:
0.0014 0.0058 0.0128 0.0209 0.0295
0.0386 0.0484 0.0587 0.0696 0.0810
0.0931 0.1057 0.1188 0.1326 0.1469
0.1618 0.1772 0.1932 0.2098 0.2270
0.2447 0.2630 0.2818 0.3013 0.3213
0.3419 0.3630 0.3847 0.4070 0.4299
0.4533 0.4773 0.5019 0.5270 0.5527
0.5790 0.6058 0.6332 0.6612 0.6898
0.7186 0.7477 0.7771 0.8067 0.8365
0.8667 0.8979 0.9305 0.9645 1.0000
Hrad:
0.0256 0.0512 0.0835 0.1224 0.1574
0.1894 0.2192 0.2471 0.2736 0.2989
0.3232 0.3467 0.3695 0.3918 0.4135
0.4348 0.4558 0.4764 0.4967 0.5168
0.5366 0.5563 0.5757 0.5950 0.6141
0.6331 0.6520 0.6708 0.6894 0.7080
0.7265 0.7449 0.7632 0.7815 0.7997
0.8178 0.8359 0.8539 0.8719 0.8908
0.9108 0.9304 0.9496 0.9685 0.9869
1.0015 0.9987 0.9976 0.9981 1.0000
Width:
0.0799 0.1597 0.2142 0.2299 0.2457
0.2614 0.2772 0.2929 0.3087 0.3244
0.3402 0.3559 0.3717 0.3874 0.4032
0.4189 0.4347 0.4504 0.4662 0.4819
0.4977 0.5134 0.5292 0.5449 0.5607
0.5764 0.5922 0.6079 0.6237 0.6394
0.6552 0.6709 0.6867 0.7024 0.7182
0.7339 0.7497 0.7654 0.7811 0.7933
0.8005 0.8076 0.8148 0.8219 0.8291
0.8416 0.8812 0.9208 0.9604 1.0000

Transect 13A-S24
Area:
0.0009 0.0035 0.0079 0.0140 0.0219
0.0316 0.0424 0.0537 0.0653 0.0773
0.0897 0.1025 0.1157 0.1293 0.1433
0.1576 0.1723 0.1875 0.2030 0.2189
0.2352 0.2519 0.2689 0.2864 0.3042
0.3225 0.3411 0.3601 0.3795 0.3993
0.4194 0.4400 0.4609 0.4823 0.5040
0.5261 0.5486 0.5715 0.5948 0.6184
0.6425 0.6669 0.6925 0.7304 0.7748
0.8194 0.8643 0.9093 0.9546 1.0000
Hrad:
0.0245 0.0490 0.0735 0.0981 0.1226
0.1471 0.1867 0.2262 0.2641 0.3005
0.3357 0.3697 0.4027 0.4348 0.4661
0.4966 0.5264 0.5556 0.5842 0.6124
0.6400 0.6672 0.6940 0.7204 0.7465
0.7723 0.7978 0.8229 0.8479 0.8725
0.8970 0.9212 0.9453 0.9691 0.9928
1.0163 1.0397 1.0629 1.0860 1.1089
1.1317 1.1544 1.1751 0.7535 0.7951
0.8366 0.8778 0.9187 0.9595 1.0000
Width:
0.0385 0.0771 0.1156 0.1541 0.1927
0.2312 0.2426 0.2512 0.2597 0.2682
0.2767 0.2852 0.2938 0.3023 0.3108
0.3193 0.3278 0.3364 0.3449 0.3534
0.3619 0.3705 0.3790 0.3875 0.3960
0.4045 0.4131 0.4216 0.4301 0.4386
0.4471 0.4557 0.4642 0.4727 0.4812
0.4898 0.4983 0.5068 0.5153 0.5238
0.5324 0.5409 0.6575 0.9735 0.9779
0.9823 0.9867 0.9912 0.9956 1.0000

Transect 13A-S25
Area:
0.0086 0.0194 0.0305 0.0419 0.0536
0.0656 0.0779 0.0905 0.1035 0.1167
0.1302 0.1441 0.1582 0.1727 0.1874
0.2025 0.2179 0.2335 0.2495 0.2658
0.2824 0.2993 0.3164 0.3339 0.3517
0.3699 0.3883 0.4070 0.4260 0.4453
0.4650 0.4849 0.5051 0.5257 0.5465
0.5677 0.5891 0.6109 0.6330 0.6553
0.6780 0.7010 0.7243 0.7486 0.7780
0.8133 0.8544 0.9000 0.9486 1.0000
Hrad:
0.0479 0.1036 0.1564 0.2066 0.2545
0.3004 0.3444 0.3868 0.4277 0.4673
0.5056 0.5428 0.5790 0.6142 0.6486
0.6822 0.7151 0.7473 0.7788 0.8098
0.8403 0.8702 0.8997 0.9287 0.9573
0.9856 1.0134 1.0410 1.0682 1.0951
1.1217 1.1481 1.1742 1.2001 1.2257
1.2512 1.2764 1.3014 1.3263 1.3509
1.3754 1.3998 1.4240 1.3364 1.1823

1.0759 1.0007 0.9959 0.9965 1.0000

Width:

0.2013 0.2071 0.2128 0.2186 0.2244
0.2301 0.2359 0.2417 0.2474 0.2532
0.2589 0.2647 0.2705 0.2762 0.2820
0.2877 0.2935 0.2993 0.3050 0.3108
0.3166 0.3223 0.3281 0.3338 0.3396
0.3454 0.3511 0.3569 0.3627 0.3684
0.3742 0.3799 0.3857 0.3915 0.3972
0.4030 0.4087 0.4145 0.4203 0.4260
0.4318 0.4376 0.4433 0.5003 0.6115
0.7227 0.8339 0.8906 0.9453 1.0000

Transect 13A-S26

Area:

0.0133 0.0270 0.0409 0.0550 0.0695
0.0842 0.0991 0.1144 0.1299 0.1457
0.1618 0.1782 0.1948 0.2117 0.2288
0.2463 0.2640 0.2820 0.3002 0.3187
0.3375 0.3566 0.3760 0.3956 0.4155
0.4356 0.4561 0.4768 0.4978 0.5190
0.5405 0.5623 0.5844 0.6068 0.6294
0.6523 0.6754 0.6989 0.7226 0.7466
0.7708 0.7953 0.8201 0.8452 0.8706
0.8962 0.9219 0.9478 0.9739 1.0000

Hrad:

0.0442 0.0852 0.1235 0.1594 0.1932
0.2252 0.2555 0.2843 0.3118 0.3381
0.3633 0.3876 0.4110 0.4335 0.4553
0.4765 0.4970 0.5169 0.5363 0.5552
0.5737 0.5917 0.6093 0.6266 0.6435
0.6601 0.6764 0.6924 0.7082 0.7237
0.7390 0.7540 0.7689 0.7835 0.7980
0.8123 0.8264 0.8404 0.8542 0.8679
0.8814 0.8948 0.9081 0.9213 0.9343
0.9475 0.9610 0.9742 0.9872 1.0000

Width:

0.5145 0.5249 0.5353 0.5457 0.5561
0.5665 0.5769 0.5873 0.5977 0.6081
0.6185 0.6289 0.6393 0.6498 0.6602
0.6706 0.6810 0.6914 0.7018 0.7122
0.7226 0.7330 0.7434 0.7538 0.7642
0.7746 0.7850 0.7954 0.8059 0.8163
0.8267 0.8371 0.8475 0.8579 0.8683
0.8787 0.8891 0.8995 0.9099 0.9203
0.9307 0.9411 0.9515 0.9620 0.9724
0.9811 0.9859 0.9906 0.9953 1.0000

Transect 13A-S27

Area:

0.0006 0.0022 0.0050 0.0088 0.0138
0.0197 0.0260 0.0327 0.0398 0.0474
0.0553 0.0636 0.0724 0.0815 0.0911
0.1011 0.1114 0.1222 0.1334 0.1450
0.1570 0.1694 0.1829 0.1998 0.2178
0.2361 0.2546 0.2733 0.2922 0.3114
0.3308 0.3504 0.3703 0.3904 0.4108
0.4313 0.4530 0.4775 0.5048 0.5350
0.5680 0.6038 0.6425 0.6844 0.7300
0.7784 0.8296 0.8836 0.9404 1.0000

Hrad:

0.0314 0.0628 0.0941 0.1255 0.1569
0.2003 0.2452 0.2875 0.3278 0.3664
0.4036 0.4397 0.4747 0.5089 0.5424
0.5752 0.6074 0.6392 0.6705 0.7015
0.7321 0.7624 0.6978 0.6568 0.7016
0.7454 0.7882 0.8301 0.8712 0.9114
0.9508 0.9895 1.0276 1.0649 1.1017
1.1378 1.0872 1.0350 0.9977 0.9715
0.9541 0.9435 0.9385 0.9193 0.9252
0.9365 0.9498 0.9650 0.9818 1.0000

Width:

0.0181 0.0362 0.0543 0.0723 0.0904
0.1001 0.1067 0.1134 0.1201 0.1267
0.1334 0.1400 0.1467 0.1533 0.1600
0.1667 0.1733 0.1800 0.1866 0.1933
0.1999 0.2066 0.2489 0.2932 0.2971
0.3009 0.3047 0.3085 0.3123 0.3162
0.3200 0.3238 0.3276 0.3314 0.3353
0.3391 0.3778 0.4244 0.4710 0.5176
0.5641 0.6107 0.6573 0.7216 0.7701
0.8161 0.8621 0.9080 0.9540 1.0000

Transect 13A-S28

Area:

0.0013 0.0046 0.0082 0.0122 0.0165
0.0213 0.0263 0.0318 0.0376 0.0438
0.0503 0.0572 0.0644 0.0721 0.0801
0.0884 0.0971 0.1062 0.1156 0.1254
0.1356 0.1461 0.1570 0.1682 0.1799
0.1918 0.2042 0.2169 0.2299 0.2434
0.2572 0.2714 0.2872 0.3051 0.3252
0.3489 0.3761 0.4071 0.4418 0.4801
0.5221 0.5676 0.6154 0.6649 0.7163
0.7695 0.8244 0.8811 0.9397 1.0000

Hrad:

0.0319 0.0821 0.1303 0.1736 0.2133
0.2504 0.2855 0.3191 0.3515 0.3828
0.4134 0.4432 0.4725 0.5014 0.5298
0.5579 0.5856 0.6131 0.6404 0.6675
0.6944 0.7211 0.7477 0.7741 0.8004
0.8267 0.8528 0.8788 0.9048 0.9307
0.9565 0.9599 0.9099 0.8754 0.8283
0.7766 0.7437 0.7239 0.7137 0.7107
0.7131 0.7286 0.7629 0.7971 0.8311
0.8650 0.8989 0.9327 0.9664 1.0000

Width:

0.0433 0.0563 0.0623 0.0682 0.0741
0.0801 0.0860 0.0919 0.0978 0.1038
0.1097 0.1156 0.1215 0.1275 0.1334
0.1393 0.1452 0.1512 0.1571 0.1630
0.1689 0.1749 0.1808 0.1867 0.1926
0.1986 0.2045 0.2104 0.2163 0.2223
0.2282 0.2413 0.2753 0.3094 0.3558
0.4158 0.4758 0.5358 0.5958 0.6558
0.7158 0.7656 0.7949 0.8242 0.8535
0.8828 0.9121 0.9414 0.9707 1.0000

Transect 13A-S29

Area:

0.0013 0.0046 0.0082 0.0122 0.0165
0.0213 0.0263 0.0318 0.0376 0.0438
0.0503 0.0572 0.0644 0.0721 0.0801
0.0884 0.0971 0.1062 0.1156 0.1254
0.1356 0.1461 0.1570 0.1682 0.1799
0.1918 0.2042 0.2169 0.2299 0.2434
0.2572 0.2714 0.2872 0.3051 0.3252
0.3489 0.3761 0.4071 0.4418 0.4801
0.5221 0.5676 0.6154 0.6649 0.7163
0.7695 0.8244 0.8811 0.9397 1.0000

Hrad:

0.0319 0.0821 0.1303 0.1736 0.2133
0.2504 0.2855 0.3191 0.3515 0.3828
0.4134 0.4432 0.4725 0.5014 0.5298
0.5579 0.5856 0.6131 0.6404 0.6675
0.6944 0.7211 0.7477 0.7741 0.8004
0.8267 0.8528 0.8788 0.9048 0.9307
0.9565 0.9599 0.9099 0.8754 0.8283
0.7766 0.7437 0.7239 0.7137 0.7107
0.7131 0.7286 0.7629 0.7971 0.8311
0.8650 0.8989 0.9327 0.9664 1.0000

Width:

0.0433 0.0563 0.0623 0.0682 0.0741
0.0801 0.0860 0.0919 0.0978 0.1038
0.1097 0.1156 0.1215 0.1275 0.1334
0.1393 0.1452 0.1512 0.1571 0.1630
0.1689 0.1749 0.1808 0.1867 0.1926
0.1986 0.2045 0.2104 0.2163 0.2223
0.2282 0.2413 0.2753 0.3094 0.3558
0.4158 0.4758 0.5358 0.5958 0.6558
0.7158 0.7656 0.7949 0.8242 0.8535
0.8828 0.9121 0.9414 0.9707 1.0000

Transect 13A-S30

Area:

0.0007 0.0029 0.0064 0.0114 0.0176
0.0244 0.0318 0.0395 0.0478 0.0565
0.0657 0.0754 0.0855 0.0961 0.1072
0.1188 0.1308 0.1433 0.1563 0.1697
0.1836 0.1980 0.2129 0.2282 0.2440
0.2603 0.2770 0.2942 0.3119 0.3301
0.3487 0.3678 0.3874 0.4074 0.4279
0.4489 0.4704 0.4923 0.5147 0.5379
0.5643 0.5944 0.6286 0.6675 0.7112
0.7596 0.8126 0.8704 0.9328 1.0000

Hrad:

0.0356 0.0712 0.1068 0.1423 0.1884
0.2421 0.2926 0.3406 0.3865 0.4308
0.4736 0.5152 0.5557 0.5954 0.6343
0.6726 0.7102 0.7474 0.7841 0.8204
0.8563 0.8919 0.9272 0.9622 0.9970
1.0316 1.0660 1.1002 1.1342 1.1681
1.2018 1.2354 1.2689 1.3023 1.3355
1.3687 1.4018 1.4347 1.4677 1.4198
1.3153 1.2377 1.1530 1.0941 1.0534
1.0263 1.0094 1.0004 0.9977 1.0000

Width:
0.0205 0.0410 0.0615 0.0820 0.0950
0.1018 0.1086 0.1154 0.1222 0.1289
0.1357 0.1425 0.1493 0.1561 0.1628
0.1696 0.1764 0.1832 0.1900 0.1967
0.2035 0.2103 0.2171 0.2239 0.2306
0.2374 0.2442 0.2510 0.2578 0.2645
0.2713 0.2781 0.2849 0.2917 0.2984
0.3052 0.3120 0.3188 0.3256 0.3541
0.4059 0.4588 0.5264 0.5941 0.6617
0.7294 0.7970 0.8647 0.9323 1.0000

Transect 13A-S31
Area:
0.0009 0.0036 0.0081 0.0140 0.0201
0.0265 0.0332 0.0401 0.0473 0.0547
0.0624 0.0704 0.0786 0.0871 0.0958
0.1048 0.1141 0.1236 0.1334 0.1435
0.1538 0.1643 0.1751 0.1862 0.1976
0.2092 0.2210 0.2331 0.2455 0.2582
0.2711 0.2842 0.2977 0.3113 0.3253
0.3395 0.3569 0.3840 0.4209 0.4638
0.5069 0.5501 0.5937 0.6404 0.6909
0.7451 0.8032 0.8650 0.9306 1.0000

Hrad:
0.0368 0.0735 0.1103 0.1683 0.2276
0.2830 0.3350 0.3843 0.4311 0.4759
0.5188 0.5603 0.6003 0.6391 0.6769
0.7136 0.7496 0.7847 0.8192 0.8530
0.8862 0.9190 0.9512 0.9830 1.0145
1.0455 1.0762 1.1066 1.1367 1.1665
1.1961 1.2254 1.2546 1.2835 1.3122
1.3408 1.0039 0.7919 0.6852 0.7363
0.8012 0.8658 0.9059 0.9089 0.9165
0.9278 0.9423 0.9595 0.9788 1.0000

Width:
0.0254 0.0508 0.0762 0.0843 0.0880
0.0916 0.0953 0.0989 0.1026 0.1062
0.1098 0.1135 0.1171 0.1208 0.1244
0.1281 0.1317 0.1354 0.1390 0.1427
0.1463 0.1500 0.1536 0.1573 0.1609
0.1646 0.1682 0.1719 0.1755 0.1792
0.1828 0.1865 0.1901 0.1938 0.1974
0.2011 0.3103 0.4489 0.5875 0.6035
0.6054 0.6073 0.6283 0.6814 0.7345
0.7876 0.8407 0.8938 0.9469 1.0000

Transect 13A-S32
Area:
0.0004 0.0015 0.0033 0.0059 0.0092
0.0133 0.0181 0.0236 0.0299 0.0369
0.0446 0.0531 0.0623 0.0720 0.0820
0.0923 0.1030 0.1139 0.1252 0.1367
0.1486 0.1608 0.1732 0.1860 0.1991
0.2124 0.2261 0.2401 0.2543 0.2689
0.2838 0.2990 0.3144 0.3302 0.3463
0.3627 0.3794 0.3964 0.4153 0.4373
0.4648 0.4990 0.5399 0.5873 0.6413
0.7020 0.7693 0.8430 0.9202 1.0000

Hrad:
0.0389 0.0777 0.1166 0.1555 0.1944
0.2332 0.2721 0.3110 0.3499 0.3887
0.4276 0.4665 0.5116 0.5656 0.6179
0.6701 0.7217 0.7720 0.8209 0.8688
0.9156 0.9614 1.0064 1.0506 1.0940
1.1368 1.1790 1.2206 1.2616 1.3022
1.3423 1.3819 1.4212 1.4601 1.4987
1.5369 1.5748 1.5845 1.4613 1.3228
1.1381 1.0262 0.9569 0.9147 0.8909
0.8799 0.8785 0.8989 0.9497 1.0000

Width:
0.0091 0.0182 0.0273 0.0364 0.0455
0.0546 0.0636 0.0727 0.0818 0.0909
0.1000 0.1091 0.1164 0.1209 0.1254
0.1295 0.1332 0.1369 0.1406 0.1443
0.1480 0.1517 0.1554 0.1592 0.1629
0.1666 0.1703 0.1740 0.1777 0.1814
0.1851 0.1888 0.1926 0.1963 0.2000
0.2037 0.2074 0.2158 0.2509 0.2991
0.3806 0.4622 0.5437 0.6252 0.7068
0.7883 0.8698 0.9349 0.9674 1.0000

Transect 13A-S33
Area:
0.0004 0.0016 0.0036 0.0064 0.0100
0.0144 0.0196 0.0256 0.0324 0.0400
0.0485 0.0577 0.0677 0.0785 0.0901
0.1025 0.1157 0.1298 0.1446 0.1602
0.1766 0.1938 0.2119 0.2307 0.2503
0.2707 0.2920 0.3140 0.3368 0.3604
0.3849 0.4101 0.4361 0.4630 0.4906
0.5190 0.5483 0.5783 0.6091 0.6408
0.6732 0.7065 0.7405 0.7753 0.8110
0.8474 0.8847 0.9227 0.9611 1.0000

Hrad:
0.0195 0.0391 0.0586 0.0781 0.0976
0.1172 0.1367 0.1562 0.1758 0.1953
0.2148 0.2344 0.2539 0.2734 0.2929
0.3125 0.3320 0.3515 0.3711 0.3906
0.4101 0.4296 0.4492 0.4687 0.4882
0.5078 0.5273 0.5468 0.5664 0.5859
0.6054 0.6249 0.6445 0.6640 0.6835
0.7031 0.7226 0.7421 0.7616 0.7812
0.8007 0.8202 0.8398 0.8593 0.8788
0.8984 0.9179 0.9422 0.9712 1.0000

Width:
0.0205 0.0410 0.0615 0.0820 0.1025
0.1230 0.1435 0.1640 0.1845 0.2050
0.2255 0.2460 0.2665 0.2870 0.3075
0.3280 0.3485 0.3690 0.3895 0.4100
0.4306 0.4511 0.4716 0.4921 0.5126
0.5331 0.5536 0.5741 0.5946 0.6151
0.6356 0.6561 0.6766 0.6971 0.7176
0.7381 0.7586 0.7791 0.7996 0.8201
0.8406 0.8611 0.8816 0.9021 0.9226
0.9431 0.9636 0.9791 0.9895 1.0000

Transect 13A-S34
Area:
0.0032 0.0128 0.0267 0.0410 0.0556
0.0705 0.0857 0.1011 0.1168 0.1328
0.1491 0.1657 0.1826 0.1997 0.2171
0.2349 0.2528 0.2711 0.2897 0.3085
0.3277 0.3471 0.3668 0.3868 0.4071
0.4276 0.4484 0.4696 0.4910 0.5127
0.5346 0.5569 0.5794 0.6023 0.6254
0.6488 0.6725 0.6964 0.7207 0.7452
0.7700 0.7951 0.8203 0.8456 0.8710
0.8966 0.9222 0.9480 0.9740 1.0000

Hrad:
0.0223 0.0445 0.0820 0.1201 0.1555
0.1888 0.2200 0.2495 0.2775 0.3041
0.3294 0.3537 0.3769 0.3992 0.4208
0.4415 0.4616 0.4811 0.5000 0.5184
0.5362 0.5537 0.5707 0.5873 0.6036
0.6195 0.6351 0.6504 0.6655 0.6803
0.6948 0.7092 0.7233 0.7372 0.7510
0.7645 0.7779 0.7911 0.8042 0.8171
0.8299 0.8476 0.8673 0.8868 0.9061
0.9252 0.9442 0.9630 0.9816 1.0000

Width:
0.2454 0.4908 0.5425 0.5534 0.5643
0.5752 0.5860 0.5969 0.6078 0.6187
0.6296 0.6405 0.6513 0.6622 0.6731
0.6840 0.6949 0.7058 0.7166 0.7275
0.7384 0.7493 0.7602 0.7710 0.7819
0.7928 0.8037 0.8146 0.8255 0.8363
0.8472 0.8581 0.8690 0.8799 0.8908
0.9016 0.9125 0.9234 0.9343 0.9452
0.9561 0.9626 0.9673 0.9720 0.9766
0.9813 0.9860 0.9907 0.9953 1.0000

Transect 13B-S35
Area:
0.0015 0.0054 0.0099 0.0146 0.0195
0.0248 0.0303 0.0360 0.0421 0.0484

0.0549 0.0617 0.0688 0.0762 0.0838
0.0917 0.0998 0.1082 0.1169 0.1259
0.1351 0.1445 0.1543 0.1643 0.1746
0.1851 0.1959 0.2069 0.2183 0.2300
0.2449 0.2639 0.2869 0.3141 0.3453
0.3805 0.4197 0.4602 0.5009 0.5419
0.5831 0.6246 0.6665 0.7085 0.7509
0.7946 0.8398 0.8870 0.9385 1.0000
Hrad:
0.0387 0.0961 0.1602 0.2187 0.2726
0.3229 0.3703 0.4152 0.4581 0.4993
0.5390 0.5775 0.6149 0.6513 0.6869
0.7218 0.7560 0.7896 0.8228 0.8554
0.8877 0.9195 0.9511 0.9823 1.0132
1.0439 1.0743 1.1045 1.1346 1.0899
0.9315 0.8383 0.7826 0.7504 0.7340
0.7286 0.7490 0.8155 0.8815 0.9471
1.0123 1.0770 1.1414 1.2054 1.2689
1.3298 1.3878 1.4041 1.3771 1.0000
Width:
0.0401 0.0582 0.0618 0.0653 0.0689
0.0725 0.0761 0.0797 0.0833 0.0868
0.0904 0.0940 0.0976 0.1012 0.1048
0.1083 0.1119 0.1155 0.1191 0.1227
0.1262 0.1298 0.1334 0.1370 0.1406
0.1442 0.1477 0.1513 0.1549 0.1737
0.2288 0.2839 0.3390 0.3941 0.4492
0.5043 0.5447 0.5484 0.5521 0.5558
0.5595 0.5632 0.5669 0.5706 0.5788
0.6008 0.6229 0.6634 0.7267 1.0000

Transect 13B-S36
Area:
0.0022 0.0080 0.0142 0.0207 0.0275
0.0346 0.0419 0.0495 0.0574 0.0656
0.0740 0.0828 0.0918 0.1011 0.1106
0.1205 0.1306 0.1410 0.1516 0.1626
0.1738 0.1854 0.1992 0.2157 0.2350
0.2571 0.2820 0.3096 0.3393 0.3693
0.3995 0.4298 0.4602 0.4908 0.5215
0.5524 0.5834 0.6146 0.6459 0.6774
0.7090 0.7407 0.7726 0.8047 0.8369
0.8692 0.9017 0.9343 0.9671 1.0000
Hrad:
0.0214 0.0550 0.0912 0.1245 0.1552
0.1840 0.2110 0.2366 0.2609 0.2842
0.3066 0.3282 0.3491 0.3694 0.3891
0.4083 0.4271 0.4454 0.4635 0.4812
0.4986 0.4942 0.4518 0.4259 0.4108
0.4032 0.4009 0.4026 0.4269 0.4590
0.4905 0.5215 0.5519 0.5817 0.6111
0.6399 0.6683 0.6962 0.7237 0.7507
0.7773 0.8035 0.8293 0.8548 0.8798
0.9045 0.9289 0.9529 0.9766 1.0000
Width:
0.1359 0.1846 0.1930 0.2014 0.2099
0.2183 0.2267 0.2351 0.2435 0.2519
0.2603 0.2688 0.2772 0.2856 0.2940
0.3024 0.3108 0.3193 0.3277 0.3361
0.3445 0.3748 0.4590 0.5431 0.6273
0.7114 0.7956 0.8797 0.9072 0.9116
0.9161 0.9205 0.9249 0.9293 0.9337
0.9381 0.9426 0.9470 0.9514 0.9558
0.9602 0.9647 0.9691 0.9735 0.9779
0.9823 0.9867 0.9912 0.9956 1.0000

Transect 13B-S37
Area:
0.0063 0.0131 0.0205 0.0284 0.0369
0.0460 0.0556 0.0658 0.0766 0.0879
0.0998 0.1123 0.1253 0.1389 0.1530
0.1677 0.1830 0.1988 0.2152 0.2322
0.2497 0.2678 0.2865 0.3057 0.3255
0.3458 0.3667 0.3882 0.4103 0.4329
0.4560 0.4798 0.5041 0.5289 0.5544
0.5803 0.6069 0.6340 0.6617 0.6899
0.7187 0.7481 0.7780 0.8085 0.8396
0.8711 0.9028 0.9349 0.9673 1.0000
Hrad:
0.0346 0.0659 0.0947 0.1216 0.1470
0.1711 0.1943 0.2166 0.2382 0.2593
0.2799 0.3000 0.3198 0.3392 0.3584
0.3773 0.3960 0.4146 0.4329 0.4511
0.4691 0.4870 0.5048 0.5225 0.5401
0.5576 0.5750 0.5924 0.6097 0.6269
0.6440 0.6611 0.6782 0.6952 0.7122
0.7291 0.7460 0.7628 0.7796 0.7964
0.8132 0.8299 0.8466 0.8633 0.8807
0.9049 0.9289 0.9527 0.9764 1.0000
Width:
0.1990 0.2162 0.2333 0.2505 0.2677
0.2848 0.3020 0.3192 0.3363 0.3535
0.3707 0.3878 0.4050 0.4222 0.4393
0.4565 0.4737 0.4908 0.5080 0.5252
0.5424 0.5595 0.5767 0.5939 0.6110
0.6282 0.6454 0.6625 0.6797 0.6969
0.7140 0.7312 0.7484 0.7655 0.7827
0.7999 0.8170 0.8342 0.8514 0.8686
0.8857 0.9029 0.9201 0.9372 0.9536
0.9629 0.9722 0.9814 0.9907 1.0000

Transect 13B-S38
Area:
0.0008 0.0032 0.0071 0.0127 0.0198
0.0285 0.0379 0.0477 0.0578 0.0683
0.0791 0.0903 0.1018 0.1136 0.1259
0.1384 0.1513 0.1646 0.1782 0.1921
0.2064 0.2211 0.2361 0.2514 0.2671
0.2831 0.2995 0.3162 0.3333 0.3507
0.3685 0.3866 0.4051 0.4239 0.4431
0.4627 0.4839 0.5066 0.5310 0.5569
0.5845 0.6137 0.6462 0.6833 0.7252
0.7717 0.8228 0.8786 0.9385 1.0000
Hrad:
0.0334 0.0667 0.1001 0.1335 0.1669
0.2042 0.2555 0.3033 0.3480 0.3902
0.4301 0.4682 0.5047 0.5397 0.5735
0.6062 0.6378 0.6686 0.6987 0.7280
0.7566 0.7847 0.8123 0.8394 0.8661
0.8923 0.9182 0.9438 0.9690 0.9940
1.0187 1.0431 1.0673 1.0913 1.1151
1.1176 1.1045 1.0963 1.0921 1.0915
1.0940 1.0943 1.0361 0.9954 0.9677
0.9501 0.9403 0.9368 0.9610 1.0000
Width:
0.0254 0.0508 0.0763 0.1017 0.1271
0.1487 0.1543 0.1599 0.1654 0.1710
0.1766 0.1822 0.1878 0.1933 0.1989
0.2045 0.2101 0.2157 0.2212 0.2268
0.2324 0.2380 0.2436 0.2491 0.2547
0.2603 0.2659 0.2715 0.2770 0.2826
0.2882 0.2938 0.2994 0.3049 0.3105
0.3266 0.3524 0.3782 0.4040 0.4299
0.4557 0.4847 0.5595 0.6343 0.7092
0.7840 0.8588 0.9337 0.9768 1.0000

Transect 13B-S39
Area:
0.0008 0.0032 0.0071 0.0127 0.0198
0.0285 0.0379 0.0477 0.0578 0.0683
0.0791 0.0903 0.1018 0.1136 0.1259
0.1384 0.1513 0.1646 0.1782 0.1921
0.2064 0.2211 0.2361 0.2514 0.2671
0.2831 0.2995 0.3162 0.3333 0.3507
0.3685 0.3866 0.4051 0.4239 0.4431
0.4627 0.4839 0.5066 0.5310 0.5569
0.5845 0.6137 0.6462 0.6833 0.7252
0.7717 0.8228 0.8786 0.9385 1.0000
Hrad:
0.0334 0.0667 0.1001 0.1335 0.1669
0.2042 0.2555 0.3033 0.3480 0.3902
0.4301 0.4682 0.5047 0.5397 0.5735
0.6062 0.6378 0.6686 0.6987 0.7280
0.7566 0.7847 0.8123 0.8394 0.8661
0.8923 0.9182 0.9438 0.9690 0.9940
1.0187 1.0431 1.0673 1.0913 1.1151
1.1176 1.1045 1.0963 1.0921 1.0915
1.0940 1.0943 1.0361 0.9954 0.9677
0.9501 0.9403 0.9368 0.9610 1.0000
Width:
0.0254 0.0508 0.0763 0.1017 0.1271
0.1487 0.1543 0.1599 0.1654 0.1710
0.1766 0.1822 0.1878 0.1933 0.1989
0.2045 0.2101 0.2157 0.2212 0.2268
0.2324 0.2380 0.2436 0.2491 0.2547
0.2603 0.2659 0.2715 0.2770 0.2826

0.2882 0.2938 0.2994 0.3049 0.3105
0.3266 0.3524 0.3782 0.4040 0.4299
0.4557 0.4847 0.5595 0.6343 0.7092
0.7840 0.8588 0.9337 0.9768 1.0000

Transect 13B-S40
Area:
0.0016 0.0064 0.0142 0.0233 0.0328
0.0430 0.0536 0.0648 0.0766 0.0889
0.1017 0.1150 0.1290 0.1434 0.1584
0.1739 0.1900 0.2066 0.2237 0.2414
0.2596 0.2784 0.2977 0.3176 0.3379
0.3589 0.3803 0.4024 0.4249 0.4480
0.4716 0.4958 0.5205 0.5458 0.5715
0.5979 0.6247 0.6521 0.6799 0.7079
0.7361 0.7645 0.7931 0.8220 0.8511
0.8804 0.9100 0.9398 0.9698 1.0000
Hrad:
0.0177 0.0355 0.0573 0.0871 0.1150
0.1412 0.1660 0.1898 0.2125 0.2345
0.2557 0.2764 0.2965 0.3162 0.3354
0.3543 0.3728 0.3911 0.4091 0.4269
0.4445 0.4619 0.4791 0.4961 0.5130
0.5298 0.5464 0.5630 0.5794 0.5957
0.6120 0.6281 0.6442 0.6602 0.6761
0.6920 0.7078 0.7249 0.7488 0.7725
0.7960 0.8193 0.8425 0.8655 0.8883
0.9109 0.9334 0.9558 0.9780 1.0000
Width:
0.1050 0.2100 0.2891 0.3069 0.3247
0.3425 0.3603 0.3781 0.3959 0.4137
0.4315 0.4493 0.4671 0.4849 0.5027
0.5205 0.5383 0.5561 0.5739 0.5917
0.6096 0.6274 0.6452 0.6630 0.6808
0.6986 0.7164 0.7342 0.7520 0.7698
0.7876 0.8054 0.8232 0.8410 0.8588
0.8766 0.8944 0.9105 0.9180 0.9255
0.9329 0.9404 0.9478 0.9553 0.9627
0.9702 0.9776 0.9851 0.9925 1.0000

Transect 13B-S41
Area:
0.0018 0.0073 0.0162 0.0260 0.0364
0.0473 0.0588 0.0707 0.0831 0.0961
0.1096 0.1236 0.1381 0.1531 0.1687
0.1847 0.2013 0.2184 0.2360 0.2542
0.2728 0.2920 0.3116 0.3318 0.3525
0.3738 0.3955 0.4178 0.4405 0.4638
0.4876 0.5119 0.5368 0.5621 0.5880
0.6141 0.6404 0.6669 0.6936 0.7204
0.7475 0.7748 0.8023 0.8299 0.8578
0.8858 0.9141 0.9425 0.9712 1.0000
Hrad:
0.0181 0.0362 0.0606 0.0917 0.1209
0.1485 0.1749 0.2001 0.2244 0.2478
0.2706 0.2926 0.3142 0.3352 0.3558
0.3759 0.3958 0.4153 0.4345 0.4535
0.4722 0.4907 0.5090 0.5271 0.5450
0.5628 0.5804 0.5979 0.6153 0.6326
0.6497 0.6668 0.6838 0.7007 0.7191
0.7401 0.7606 0.7808 0.8006 0.8202
0.8394 0.8583 0.8769 0.8952 0.9133
0.9311 0.9487 0.9660 0.9831 1.0000
Width:
0.1265 0.2531 0.3322 0.3501 0.3679
0.3857 0.4036 0.4214 0.4393 0.4571
0.4749 0.4928 0.5106 0.5285 0.5463
0.5641 0.5820 0.5998 0.6176 0.6355
0.6533 0.6712 0.6890 0.7068 0.7247
0.7425 0.7604 0.7782 0.7960 0.8139
0.8317 0.8496 0.8674 0.8852 0.8988
0.9056 0.9123 0.9190 0.9258 0.9325
0.9393 0.9460 0.9528 0.9595 0.9663
0.9730 0.9798 0.9865 0.9933 1.0000

Transect 13B-S42
Area:
0.0021 0.0086 0.0173 0.0265 0.0362
0.0465 0.0572 0.0685 0.0803 0.0927
0.1055 0.1189 0.1328 0.1472 0.1621
0.1775 0.1935 0.2100 0.2270 0.2445
0.2626 0.2811 0.3002 0.3198 0.3399
0.3606 0.3817 0.4034 0.4256 0.4483
0.4716 0.4953 0.5196 0.5444 0.5697
0.5956 0.6219 0.6488 0.6762 0.7041
0.7322 0.7607 0.7895 0.8187 0.8481
0.8778 0.9079 0.9383 0.9690 1.0000
Hrad:
0.0179 0.0364 0.0686 0.0986 0.1270
0.1540 0.1799 0.2047 0.2286 0.2518
0.2744 0.2964 0.3179 0.3389 0.3596
0.3799 0.3998 0.4195 0.4390 0.4582
0.4772 0.4960 0.5146 0.5330 0.5514
0.5695 0.5876 0.6055 0.6233 0.6410
0.6586 0.6762 0.6936 0.7110 0.7283
0.7455 0.7627 0.7798 0.7969 0.8159
0.8353 0.8544 0.8733 0.8920 0.9105
0.9288 0.9468 0.9647 0.9825 1.0000
Width:
0.1376 0.2705 0.2872 0.3039 0.3205
0.3372 0.3539 0.3705 0.3872 0.4039
0.4205 0.4372 0.4539 0.4706 0.4872
0.5039 0.5206 0.5372 0.5539 0.5706
0.5872 0.6039 0.6206 0.6373 0.6539
0.6706 0.6873 0.7039 0.7206 0.7373
0.7539 0.7706 0.7873 0.8040 0.8206
0.8373 0.8540 0.8706 0.8873 0.8988
0.9090 0.9191 0.9292 0.9393 0.9494
0.9595 0.9697 0.9798 0.9899 1.0000

Transect 13B-S43
Area:
0.0011 0.0038 0.0071 0.0108 0.0149
0.0195 0.0246 0.0301 0.0362 0.0426
0.0496 0.0570 0.0648 0.0732 0.0827
0.0942 0.1078 0.1235 0.1412 0.1610
0.1828 0.2067 0.2315 0.2565 0.2818
0.3074 0.3332 0.3592 0.3855 0.4120
0.4388 0.4658 0.4931 0.5206 0.5483
0.5763 0.6046 0.6330 0.6618 0.6908
0.7200 0.7495 0.7793 0.8095 0.8401
0.8709 0.9022 0.9337 0.9657 1.0000
Hrad:
0.0194 0.0489 0.0763 0.1008 0.1235
0.1449 0.1654 0.1852 0.2046 0.2235
0.2420 0.2604 0.2785 0.2964 0.2780
0.2689 0.2674 0.2707 0.2773 0.2863
0.2972 0.3118 0.3434 0.3744 0.4047
0.4344 0.4636 0.4922 0.5202 0.5478
0.5748 0.6014 0.6276 0.6533 0.6787
0.7036 0.7282 0.7524 0.7762 0.7997
0.8230 0.8442 0.8648 0.8851 0.9053
0.9252 0.9449 0.9645 0.9838 1.0000
Width:
0.0516 0.0694 0.0802 0.0909 0.1017
0.1125 0.1233 0.1341 0.1449 0.1557
0.1664 0.1772 0.1880 0.1988 0.2442
0.2919 0.3396 0.3873 0.4350 0.4827
0.5304 0.5729 0.5786 0.5843 0.5900
0.5957 0.6014 0.6070 0.6127 0.6184
0.6241 0.6298 0.6355 0.6412 0.6469
0.6526 0.6583 0.6640 0.6697 0.6754
0.6811 0.6886 0.6966 0.7046 0.7127
0.7207 0.7287 0.7367 0.7448 1.0000

Transect 13B-S44
Area:
0.0012 0.0047 0.0094 0.0144 0.0198
0.0254 0.0313 0.0375 0.0439 0.0507
0.0578 0.0651 0.0727 0.0806 0.0888
0.0973 0.1061 0.1152 0.1245 0.1342
0.1441 0.1543 0.1649 0.1757 0.1867
0.1983 0.2122 0.2295 0.2501 0.2740
0.3013 0.3316 0.3631 0.3953 0.4281
0.4616 0.4957 0.5305 0.5660 0.6021
0.6389 0.6764 0.7145 0.7533 0.7927
0.8329 0.8737 0.9151 0.9572 1.0000
Hrad:
0.0223 0.0451 0.0845 0.1211 0.1553
0.1876 0.2182 0.2476 0.2758 0.3030
0.3294 0.3550 0.3800 0.4044 0.4284
0.4518 0.4749 0.4977 0.5201 0.5422
0.5641 0.5858 0.6072 0.6284 0.6494
0.6298 0.5500 0.4989 0.4682 0.4505
0.4415 0.4533 0.4864 0.5191 0.5514
0.5833 0.6149 0.6461 0.6770 0.7076

0.7379 0.7680 0.7977 0.8273 0.8566
0.8857 0.9146 0.9432 0.9717 1.0000
Width:
0.0540 0.1068 0.1134 0.1201 0.1268
0.1335 0.1402 0.1469 0.1535 0.1602
0.1669 0.1736 0.1803 0.1870 0.1937
0.2003 0.2070 0.2137 0.2204 0.2271
0.2338 0.2404 0.2471 0.2538 0.2605
0.2877 0.3617 0.4391 0.5164 0.5938
0.6712 0.7224 0.7379 0.7533 0.7687
0.7841 0.7995 0.8150 0.8304 0.8458
0.8612 0.8766 0.8921 0.9075 0.9229
0.9383 0.9537 0.9692 0.9846 1.0000

Transect 13B-S45
Area:
0.0014 0.0058 0.0130 0.0229 0.0339
0.0453 0.0572 0.0695 0.0823 0.0956
0.1093 0.1235 0.1382 0.1533 0.1688
0.1849 0.2014 0.2183 0.2357 0.2536
0.2720 0.2908 0.3100 0.3298 0.3499
0.3706 0.3917 0.4133 0.4353 0.4578
0.4807 0.5042 0.5280 0.5524 0.5772
0.6024 0.6282 0.6543 0.6810 0.7081
0.7356 0.7637 0.7922 0.8211 0.8504
0.8799 0.9097 0.9396 0.9697 1.0000
Hrad:
0.0164 0.0328 0.0492 0.0699 0.0986
0.1261 0.1525 0.1780 0.2026 0.2265
0.2497 0.2724 0.2945 0.3161 0.3373
0.3581 0.3785 0.3986 0.4184 0.4379
0.4571 0.4762 0.4950 0.5136 0.5320
0.5502 0.5683 0.5862 0.6040 0.6217
0.6392 0.6566 0.6739 0.6911 0.7082
0.7252 0.7421 0.7589 0.7757 0.7924
0.8090 0.8255 0.8420 0.8585 0.8816
0.9056 0.9294 0.9531 0.9766 1.0000
Width:
0.0946 0.1892 0.2839 0.3528 0.3679
0.3831 0.3983 0.4134 0.4286 0.4437
0.4589 0.4741 0.4892 0.5044 0.5196
0.5347 0.5499 0.5650 0.5802 0.5954
0.6105 0.6257 0.6409 0.6560 0.6712
0.6864 0.7015 0.7167 0.7318 0.7470
0.7622 0.7773 0.7925 0.8077 0.8228
0.8380 0.8531 0.8683 0.8835 0.8986
0.9138 0.9290 0.9441 0.9593 0.9669
0.9735 0.9801 0.9868 0.9934 1.0000

Transect 13B-S46
Area:
0.0029 0.0106 0.0194 0.0287 0.0385
0.0489 0.0597 0.0712 0.0831 0.0956
0.1086 0.1222 0.1363 0.1509 0.1660
0.1817 0.1979 0.2147 0.2320 0.2498
0.2681 0.2870 0.3064 0.3264 0.3469
0.3679 0.3894 0.4115 0.4341 0.4573
0.4809 0.5051 0.5299 0.5552 0.5810
0.6073 0.6339 0.6608 0.6878 0.7151
0.7426 0.7703 0.7983 0.8264 0.8548
0.8834 0.9122 0.9413 0.9705 1.0000
Hrad:
0.0171 0.0425 0.0725 0.1007 0.1274
0.1528 0.1772 0.2008 0.2235 0.2456
0.2671 0.2881 0.3086 0.3287 0.3485
0.3680 0.3872 0.4061 0.4248 0.4433
0.4616 0.4797 0.4977 0.5155 0.5332
0.5507 0.5682 0.5855 0.6027 0.6199
0.6369 0.6539 0.6708 0.6876 0.7044
0.7226 0.7442 0.7654 0.7864 0.8071
0.8275 0.8476 0.8675 0.8871 0.9065
0.9256 0.9445 0.9632 0.9817 1.0000
Width:
0.1938 0.2871 0.3051 0.3231 0.3411
0.3591 0.3771 0.3952 0.4132 0.4312
0.4492 0.4672 0.4852 0.5032 0.5212
0.5392 0.5572 0.5752 0.5932 0.6113
0.6293 0.6473 0.6653 0.6833 0.7013
0.7193 0.7373 0.7553 0.7733 0.7913
0.8094 0.8274 0.8454 0.8634 0.8814
0.8964 0.9038 0.9112 0.9186 0.9260
0.9334 0.9408 0.9482 0.9556 0.9630
0.9704 0.9778 0.9852 0.9926 1.0000

Transect 13B-S47
Area:
0.0049 0.0134 0.0225 0.0323 0.0427
0.0537 0.0653 0.0776 0.0904 0.1039
0.1181 0.1328 0.1481 0.1641 0.1807
0.1979 0.2158 0.2343 0.2533 0.2730
0.2934 0.3143 0.3359 0.3581 0.3806
0.4033 0.4261 0.4492 0.4724 0.4958
0.5193 0.5430 0.5669 0.5910 0.6153
0.6397 0.6643 0.6891 0.7140 0.7392
0.7645 0.7899 0.8156 0.8414 0.8674
0.8936 0.9199 0.9464 0.9731 1.0000
Hrad:
0.0177 0.0448 0.0700 0.0936 0.1159
0.1371 0.1575 0.1771 0.1962 0.2146
0.2327 0.2503 0.2676 0.2845 0.3012
0.3177 0.3339 0.3500 0.3658 0.3815
0.3971 0.4125 0.4278 0.4447 0.4683
0.4917 0.5148 0.5378 0.5605 0.5831
0.6055 0.6277 0.6497 0.6715 0.6931
0.7146 0.7360 0.7571 0.7781 0.7990
0.8197 0.8403 0.8607 0.8810 0.9011
0.9212 0.9411 0.9608 0.9805 1.0000
Width:
0.3045 0.3276 0.3506 0.3737 0.3967
0.4198 0.4429 0.4659 0.4890 0.5120
0.5351 0.5582 0.5812 0.6043 0.6273
0.6504 0.6734 0.6965 0.7196 0.7426
0.7657 0.7887 0.8118 0.8317 0.8382
0.8446 0.8511 0.8576 0.8641 0.8705
0.8770 0.8835 0.8900 0.8964 0.9029
0.9094 0.9159 0.9223 0.9288 0.9353
0.9417 0.9482 0.9547 0.9612 0.9676
0.9741 0.9806 0.9871 0.9935 1.0000

Transect 13B-S48
Area:
0.0009 0.0038 0.0085 0.0151 0.0236
0.0340 0.0457 0.0579 0.0705 0.0837
0.0973 0.1114 0.1260 0.1411 0.1567
0.1728 0.1893 0.2064 0.2239 0.2419
0.2605 0.2795 0.2989 0.3189 0.3394
0.3604 0.3818 0.4037 0.4262 0.4491
0.4725 0.4964 0.5207 0.5456 0.5710
0.5968 0.6231 0.6500 0.6773 0.7051
0.7334 0.7621 0.7914 0.8207 0.8503
0.8799 0.9097 0.9397 0.9698 1.0000
Hrad:
0.0169 0.0337 0.0506 0.0674 0.0843
0.1011 0.1284 0.1552 0.1809 0.2057
0.2297 0.2529 0.2755 0.2975 0.3190
0.3400 0.3606 0.3808 0.4007 0.4202
0.4395 0.4585 0.4772 0.4957 0.5140
0.5321 0.5501 0.5678 0.5854 0.6029
0.6203 0.6375 0.6546 0.6715 0.6884
0.7052 0.7219 0.7385 0.7550 0.7715
0.7879 0.8042 0.8257 0.8511 0.8763
0.9014 0.9263 0.9510 0.9756 1.0000
Width:
0.0624 0.1248 0.1872 0.2496 0.3120
0.3744 0.3933 0.4094 0.4255 0.4417
0.4578 0.4739 0.4900 0.5062 0.5223
0.5384 0.5545 0.5707 0.5868 0.6029
0.6190 0.6352 0.6513 0.6674 0.6835
0.6997 0.7158 0.7319 0.7480 0.7642
0.7803 0.7964 0.8125 0.8287 0.8448
0.8609 0.8770 0.8932 0.9093 0.9254
0.9415 0.9577 0.9672 0.9719 0.9766
0.9813 0.9859 0.9906 0.9953 1.0000

Transect 13B-S49
Area:
0.0008 0.0032 0.0071 0.0127 0.0198
0.0285 0.0379 0.0477 0.0578 0.0683
0.0791 0.0903 0.1018 0.1136 0.1259
0.1384 0.1513 0.1646 0.1782 0.1921
0.2064 0.2211 0.2361 0.2514 0.2671
0.2831 0.2995 0.3162 0.3333 0.3507
0.3685 0.3866 0.4051 0.4239 0.4431
0.4627 0.4839 0.5066 0.5310 0.5569
0.5845 0.6137 0.6462 0.6833 0.7252
0.7717 0.8228 0.8786 0.9385 1.0000

Hrad:

0.0334	0.0667	0.1001	0.1335	0.1669
0.2042	0.2555	0.3033	0.3480	0.3902
0.4301	0.4682	0.5047	0.5397	0.5735
0.6062	0.6378	0.6686	0.6987	0.7280
0.7566	0.7847	0.8123	0.8394	0.8661
0.8923	0.9182	0.9438	0.9690	0.9940
1.0187	1.0431	1.0673	1.0913	1.1151
1.1176	1.1045	1.0963	1.0921	1.0915
1.0940	1.0943	1.0361	0.9954	0.9677
0.9501	0.9403	0.9368	0.9610	1.0000

Width:

0.0254	0.0508	0.0763	0.1017	0.1271
0.1487	0.1543	0.1599	0.1654	0.1710
0.1766	0.1822	0.1878	0.1933	0.1989
0.2045	0.2101	0.2157	0.2212	0.2268
0.2324	0.2380	0.2436	0.2491	0.2547
0.2603	0.2659	0.2715	0.2770	0.2826
0.2882	0.2938	0.2994	0.3049	0.3105
0.3266	0.3524	0.3782	0.4040	0.4299
0.4557	0.4847	0.5595	0.6343	0.7092
0.7840	0.8588	0.9337	0.9768	1.0000

Transect 13B-S50

Area:

0.0007	0.0026	0.0059	0.0104	0.0163
0.0235	0.0320	0.0418	0.0529	0.0649
0.0776	0.0909	0.1047	0.1192	0.1343
0.1501	0.1664	0.1833	0.2009	0.2191
0.2379	0.2573	0.2773	0.2979	0.3191
0.3410	0.3634	0.3865	0.4102	0.4345
0.4592	0.4842	0.5097	0.5355	0.5617
0.5882	0.6152	0.6425	0.6702	0.6983
0.7268	0.7556	0.7848	0.8144	0.8444
0.8748	0.9055	0.9366	0.9681	1.0000

Hrad:

0.0188	0.0376	0.0564	0.0752	0.0940
0.1128	0.1316	0.1504	0.1695	0.1966
0.2227	0.2478	0.2722	0.2959	0.3190
0.3416	0.3638	0.3855	0.4069	0.4280
0.4488	0.4693	0.4896	0.5096	0.5295
0.5492	0.5688	0.5882	0.6074	0.6278
0.6490	0.6699	0.6904	0.7105	0.7303
0.7499	0.7691	0.7881	0.8069	0.8254
0.8437	0.8618	0.8796	0.8973	0.9148
0.9322	0.9494	0.9664	0.9833	1.0000

Width:

0.0407	0.0815	0.1222	0.1629	0.2037
0.2444	0.2851	0.3259	0.3660	0.3852
0.4043	0.4234	0.4425	0.4616	0.4807
0.4999	0.5190	0.5381	0.5572	0.5763
0.5954	0.6146	0.6337	0.6528	0.6719
0.6910	0.7101	0.7293	0.7484	0.7638
0.7756	0.7874	0.7992	0.8110	0.8228
0.8346	0.8464	0.8583	0.8701	0.8819
0.8937	0.9055	0.9173	0.9291	0.9409
0.9528	0.9646	0.9764	0.9882	1.0000

Transect 13B-S51

Area:

0.0007	0.0026	0.0059	0.0104	0.0163
0.0235	0.0320	0.0418	0.0529	0.0649
0.0776	0.0909	0.1047	0.1192	0.1343
0.1501	0.1664	0.1833	0.2009	0.2191
0.2379	0.2573	0.2773	0.2979	0.3191
0.3410	0.3634	0.3865	0.4102	0.4345
0.4592	0.4842	0.5097	0.5355	0.5617
0.5882	0.6152	0.6425	0.6702	0.6983
0.7268	0.7556	0.7848	0.8144	0.8444
0.8748	0.9055	0.9366	0.9681	1.0000

Hrad:

0.0188	0.0376	0.0564	0.0752	0.0940
0.1128	0.1316	0.1504	0.1695	0.1966
0.2227	0.2478	0.2722	0.2959	0.3190
0.3416	0.3638	0.3855	0.4069	0.4280
0.4488	0.4693	0.4896	0.5096	0.5295
0.5492	0.5688	0.5882	0.6074	0.6278
0.6490	0.6699	0.6904	0.7105	0.7303
0.7499	0.7691	0.7881	0.8069	0.8254
0.8437	0.8618	0.8796	0.8973	0.9148
0.9322	0.9494	0.9664	0.9833	1.0000

Width:

0.0407	0.0815	0.1222	0.1629	0.2037
0.2444	0.2851	0.3259	0.3660	0.3852
0.4043	0.4234	0.4425	0.4616	0.4807
0.4999	0.5190	0.5381	0.5572	0.5763
0.5954	0.6146	0.6337	0.6528	0.6719
0.6910	0.7101	0.7293	0.7484	0.7638
0.7756	0.7874	0.7992	0.8110	0.8228
0.8346	0.8464	0.8583	0.8701	0.8819
0.8937	0.9055	0.9173	0.9291	0.9409
0.9528	0.9646	0.9764	0.9882	1.0000

Transect 13B-S52

Area:

0.0005	0.0022	0.0049	0.0087	0.0128
0.0171	0.0217	0.0265	0.0316	0.0370
0.0426	0.0484	0.0545	0.0608	0.0674
0.0743	0.0814	0.0887	0.0963	0.1042
0.1123	0.1206	0.1292	0.1381	0.1472
0.1566	0.1662	0.1760	0.1861	0.1965
0.2071	0.2209	0.2409	0.2671	0.2994
0.3379	0.3796	0.4214	0.4638	0.5073
0.5518	0.5974	0.6441	0.6917	0.7405
0.7903	0.8411	0.8930	0.9460	1.0000

Hrad:

0.0277	0.0554	0.0831	0.1197	0.1624
0.2017	0.2385	0.2732	0.3062	0.3377
0.3680	0.3973	0.4258	0.4535	0.4805
0.5070	0.5329	0.5584	0.5836	0.6084
0.6328	0.6570	0.6810	0.7047	0.7281
0.7515	0.7746	0.7976	0.8204	0.8431
0.8656	0.6380	0.5315	0.4767	0.4487
0.4364	0.4881	0.5395	0.5803	0.6205
0.6602	0.6995	0.7383	0.7768	0.8148
0.8525	0.8898	0.9269	0.9636	1.0000

Width:

0.0201	0.0402	0.0603	0.0727	0.0773
0.0819	0.0865	0.0911	0.0957	0.1003
0.1049	0.1095	0.1141	0.1187	0.1233
0.1279	0.1325	0.1370	0.1416	0.1462
0.1508	0.1554	0.1600	0.1646	0.1692
0.1738	0.1784	0.1830	0.1876	0.1922
0.1968	0.3100	0.4232	0.5363	0.6495
0.7627	0.7655	0.7683	0.7876	0.8069
0.8263	0.8456	0.8649	0.8842	0.9035
0.9228	0.9421	0.9614	0.9807	1.0000

Transect 13B-S53

Area:

0.0032	0.0122	0.0225	0.0333	0.0445
0.0562	0.0684	0.0810	0.0941	0.1077
0.1218	0.1364	0.1514	0.1669	0.1828
0.1993	0.2162	0.2336	0.2515	0.2698
0.2886	0.3079	0.3277	0.3479	0.3686
0.3898	0.4114	0.4336	0.4562	0.4793
0.5028	0.5268	0.5510	0.5755	0.6002
0.6252	0.6504	0.6758	0.7015	0.7274
0.7536	0.7800	0.8066	0.8335	0.8607
0.8881	0.9157	0.9435	0.9717	1.0000

Hrad:

0.0215	0.0519	0.0892	0.1236	0.1557
0.1858	0.2142	0.2413	0.2671	0.2919
0.3157	0.3388	0.3612	0.3829	0.4041
0.4248	0.4451	0.4649	0.4844	0.5036
0.5225	0.5411	0.5594	0.5775	0.5954
0.6132	0.6307	0.6481	0.6653	0.6824
0.6993	0.7173	0.7356	0.7534	0.7708
0.7880	0.8047	0.8212	0.8374	0.8533
0.8690	0.8844	0.8996	0.9145	0.9292
0.9438	0.9581	0.9722	0.9862	1.0000

Width:

0.2274	0.3527	0.3693	0.3860	0.4026
0.4193	0.4359	0.4526	0.4692	0.4859
0.5026	0.5192	0.5359	0.5525	0.5692
0.5858	0.6025	0.6191	0.6358	0.6525
0.6691	0.6858	0.7024	0.7191	0.7357
0.7524	0.7690	0.7857	0.8024	0.8190
0.8357	0.8467	0.8552	0.8638	0.8723
0.8808	0.8893	0.8978	0.9063	0.9149
0.9234	0.9319	0.9404	0.9489	0.9574
0.9659	0.9745	0.9830	0.9915	1.0000

Transect 13B-S54

Area:

0.0004	0.0017	0.0038	0.0068	0.0106

```
            0.0153     0.0208     0.0271     0.0343     0.0424
            0.0513     0.0610     0.0716     0.0828     0.0942
            0.1059     0.1178     0.1300     0.1424     0.1550
            0.1679     0.1811     0.1945     0.2094     0.2265
            0.2457     0.2671     0.2906     0.3163     0.3441
            0.3741     0.4060     0.4382     0.4706     0.5030
            0.5355     0.5682     0.6009     0.6336     0.6665
            0.6995     0.7325     0.7656     0.7989     0.8322
            0.8656     0.8990     0.9326     0.9663     1.0000
Hrad:
            0.0180     0.0359     0.0539     0.0718     0.0898
            0.1078     0.1257     0.1437     0.1616     0.1796
            0.1975     0.2155     0.2335     0.2624     0.2912
            0.3193     0.3468     0.3738     0.4002     0.4262
            0.4516     0.4767     0.4902     0.4593     0.4397
            0.4278     0.4216     0.4195     0.4207     0.4243
            0.4299     0.4493     0.4821     0.5147     0.5470
            0.5790     0.6107     0.6421     0.6733     0.7042
            0.7349     0.7653     0.7955     0.8254     0.8551
            0.8845     0.9137     0.9427     0.9715     1.0000
Width:
            0.0251     0.0502     0.0753     0.1004     0.1255
            0.1506     0.1757     0.2008     0.2259     0.2510
            0.2761     0.3012     0.3263     0.3343     0.3416
            0.3489     0.3562     0.3635     0.3708     0.3781
            0.3854     0.3927     0.4098     0.4735     0.5372
            0.6008     0.6645     0.7282     0.7919     0.8556
            0.9193     0.9537     0.9563     0.9589     0.9614
            0.9640     0.9666     0.9692     0.9717     0.9743
            0.9769     0.9794     0.9820     0.9846     0.9871
            0.9897     0.9923     0.9949     0.9974     1.0000

WARNING 01: wet weather time step reduced to recording interval for Rain Gage Chiusi

**************************        Volume         Depth
Runoff Quantity Continuity     hectare-m            mm
**************************     ---------       -------
Total Precipitation ......         5.507        37.950
Evaporation Loss .........         0.000         0.000
Infiltration Loss ........         3.711        25.570
Surface Runoff ...........         1.269         8.743
Final Surface Storage ....         0.528         3.641
Continuity Error (%) .....        -0.009

**************************        Volume         Volume
Flow Routing Continuity        hectare-m      10^6 ltr
**************************     ---------      ---------
Dry Weather Inflow .......         0.000         0.000
Wet Weather Inflow .......         1.269        12.689
Groundwater Inflow .......         0.000         0.000
RDII Inflow ..............         0.000         0.000
External Inflow ..........         0.087         0.873
External Outflow .........         1.157        11.572
Internal Outflow .........         0.128         1.280
Evaporation Loss .........         0.000         0.000
Initial Stored Volume ....         0.026         0.257
Final Stored Volume ......         0.098         0.984
Continuity Error (%) .....        -0.122


**************************
Highest Continuity Errors
**************************
Node 13B-N080 (67.59%)
Node 13A-N128 (10.94%)
Node 13B-N105 (10.35%)
Node 13A-N058 (5.47%)
Node 13A-N171 (5.16%)


**************************
Time-Step Critical Elements
**************************
Link 13A-C217 (8.04%)
Link 13A-C214 (7.82%)
Link 13B-C107 (5.84%)
Link 13B-C117 (3.92%)
Link 13A-C142 (3.04%)


********************************
Highest Flow Instability Indexes
********************************
All links are stable.


**************************
Routing Time Step Summary
**************************
Minimum Time Step           :     0.50 sec
Average Time Step           :     0.84 sec
Maximum Time Step           :     1.00 sec
Percent in Steady State     :     0.00
Average Iterations per Step :     2.01


****************************
Subcatchment Runoff Summary
****************************
```

Subcatchment	Total Precip mm	Total Runon mm	Total Evap mm	Total Infil mm	Total Runoff mm	Total Runoff 10^6 ltr	Peak Runoff LPS	Runoff Coeff
13A-S001	37.950	54.543	0.000	8.596	78.682	0.173	175.612	0.851
13A-S002	37.950	0.000	0.000	33.303	3.265	0.031	21.304	0.086
13A-S003	37.950	0.000	0.000	12.360	22.712	0.677	738.950	0.598
13A-S004	37.950	0.000	0.000	31.099	5.468	0.090	49.792	0.144
13A-S005	37.950	0.000	0.000	24.632	11.208	0.291	373.257	0.295
13A-S006	37.950	0.000	0.000	8.270	26.526	0.050	56.460	0.699
13A-S07A	37.950	38.349	0.000	10.486	59.322	0.451	459.977	0.778
13A-S07B	37.950	0.000	0.000	10.730	24.075	0.041	52.293	0.634
13A-S07C	37.950	0.000	0.000	10.757	24.027	0.173	214.873	0.633
13A-S008	37.950	0.000	0.000	11.020	23.769	0.017	20.861	0.626
13A-S009	37.950	0.000	0.000	11.020	23.769	0.062	76.652	0.626
13A-S010	37.950	0.000	0.000	10.757	24.025	0.214	265.082	0.633
13A-S011	37.950	107.940	0.000	9.687	131.009	0.328	350.805	0.898
13A-S012	37.950	33.633	0.000	9.449	56.622	0.164	151.964	0.791
13A-S013	37.950	0.000	0.000	8.420	26.359	0.098	99.254	0.695
13A-S014	37.950	0.000	0.000	8.270	26.523	0.082	92.008	0.699
13A-S015	37.950	0.000	0.000	8.565	26.258	0.089	98.852	0.692
13A-S016	37.950	0.000	0.000	22.077	13.584	0.037	47.533	0.358
13A-S017	37.950	0.000	0.000	18.734	16.638	0.097	118.914	0.438
13A-S018	37.950	0.000	0.000	8.288	26.499	0.074	81.929	0.698
13A-S019	37.950	0.000	0.000	19.423	16.071	0.104	120.956	0.423
13A-S020	37.950	0.000	0.000	8.307	26.478	0.140	153.135	0.698
13A-S021	37.950	0.000	0.000	8.364	26.427	0.132	140.085	0.696
13A-S022	37.950	0.000	0.000	11.242	23.694	0.417	475.025	0.624
13A-S023	37.950	0.000	0.000	20.879	14.722	0.209	251.039	0.388
13A-S024	37.950	0.000	0.000	33.421	3.056	0.068	86.688	0.081
13A-S025	37.950	5.130	0.000	23.784	7.589	1.735	547.055	0.176
13A-S026	37.950	0.000	0.000	29.034	7.131	0.515	660.789	0.188
13A-S027	37.950	0.000	0.000	32.264	4.218	0.658	553.057	0.111
13A-S028	37.950	0.000	0.000	8.270	26.521	0.122	136.336	0.699
13A-S029	37.950	0.000	0.000	33.077	3.396	0.028	36.799	0.089
13A-S030	37.950	0.000	0.000	8.364	26.412	0.119	124.861	0.696
13A-S031	37.950	0.000	0.000	8.420	26.368	0.069	70.121	0.695
13A-S032	37.950	0.000	0.000	8.681	26.099	0.057	66.012	0.688
13A-S033	37.950	8.585	0.000	6.943	34.189	0.065	69.330	0.735
13A-S034	37.950	0.000	0.000	14.718	20.381	0.016	21.671	0.537
13A-S035	37.950	0.000	0.000	25.340	10.651	0.011	12.173	0.281
13A-S036	37.950	0.000	0.000	34.896	1.698	0.001	1.587	0.045
13A-S037	37.950	0.000	0.000	31.957	4.416	0.004	5.886	0.116
13A-S38A	37.950	0.000	0.000	30.871	5.434	0.078	100.590	0.143
13A-S38B	37.950	0.000	0.000	30.871	5.434	0.048	62.307	0.143
13A-S039	37.950	7.592	0.000	6.809	33.252	0.209	197.354	0.730
13A-S040	37.950	0.000	0.000	8.364	26.418	0.074	78.013	0.696
13A-S041	37.950	0.000	0.000	8.288	26.500	0.011	11.713	0.698
13A-S042	37.950	0.000	0.000	8.213	26.575	0.069	79.292	0.700
13A-S043	37.950	0.000	0.000	8.661	26.132	0.076	88.482	0.689
13A-S044	37.950	0.000	0.000	8.213	26.588	0.058	67.460	0.701
13A-S045	37.950	0.000	0.000	8.326	26.454	0.270	290.474	0.697
13A-S46A	37.950	0.000	0.000	9.751	25.039	0.298	312.217	0.660
13A-S46B	37.950	40.904	0.000	9.491	63.579	0.121	142.214	0.806
13A-S047	37.950	0.000	0.000	22.567	13.113	0.328	391.194	0.346
13A-S048	37.950	0.000	0.000	27.617	8.950	0.030	14.655	0.236
13A-S049	37.950	0.000	0.000	8.232	26.567	0.122	139.649	0.700
13A-S050	37.950	0.000	0.000	8.251	26.534	0.069	77.598	0.699
13A-S051	37.950	0.000	0.000	8.213	26.578	0.098	112.979	0.700
13A-S052	37.950	0.000	0.000	8.701	26.082	0.146	166.461	0.687
13A-S053	37.950	0.000	0.000	31.015	5.271	0.605	744.115	0.139
13A-S054	37.950	0.000	0.000	8.157	26.644	0.021	25.076	0.702
13B-S001	37.950	0.000	0.000	8.251	26.549	0.080	90.267	0.700
13B-S002	37.950	0.000	0.000	7.821	26.976	0.154	168.442	0.711

13B-S003	37.950	0.000	0.000	8.175	26.630	0.056	65.540	0.702
13B-S004	37.950	0.000	0.000	8.288	26.494	0.254	280.134	0.698
13B-S005	37.950	0.000	0.000	8.194	26.608	0.093	108.298	0.701
13B-S006	37.950	0.000	0.000	8.884	25.889	0.140	142.509	0.682
13B-S007	37.950	0.000	0.000	34.519	2.038	0.018	23.364	0.054
13B-S008	37.950	0.000	0.000	8.904	25.878	0.155	157.301	0.682
13B-S009	37.950	0.000	0.000	8.803	25.970	0.073	77.866	0.684
13B-S010	37.950	0.000	0.000	9.844	24.938	0.424	414.140	0.657
13B-S011	37.950	0.000	0.000	33.286	3.178	0.665	817.455	0.084
13B-S012	37.950	0.000	0.000	12.854	22.069	0.287	341.076	0.582
13B-S013	37.950	0.000	0.000	16.298	18.899	0.384	454.826	0.498
13B-S14A	37.950	2.212	0.000	22.676	4.414	0.047	58.940	0.110
13B-S14B	37.950	0.000	0.000	32.319	4.076	0.022	28.681	0.107
13B-S14C	37.950	0.000	0.000	32.319	4.075	0.388	488.417	0.107
13B-S14D	37.950	0.000	0.000	32.319	4.076	0.036	47.435	0.107
13B-S015	37.950	0.000	0.000	7.769	27.026	0.065	72.867	0.712
13B-S016	37.950	0.000	0.000	8.175	26.623	0.029	34.231	0.702
13B-S017	37.950	0.000	0.000	8.175	26.625	0.024	28.022	0.702
13B-S018	37.950	0.000	0.000	8.194	26.605	0.032	37.082	0.701
13B-S019	37.950	0.000	0.000	8.661	26.130	0.073	85.345	0.689
13B-S020	37.950	0.000	0.000	8.251	26.550	0.077	87.308	0.700
13B-S021	37.950	0.000	0.000	7.873	26.921	0.102	108.638	0.709
13B-S022	37.950	0.000	0.000	31.251	5.093	0.392	492.693	0.134
13B-S023	37.950	0.000	0.000	20.247	15.625	0.023	20.777	0.412
13B-S024	37.950	0.000	0.000	8.232	26.568	0.125	142.841	0.700
13B-S025	37.950	0.000	0.000	9.590	25.205	0.149	172.185	0.664
System	37.950	1.459	0.000	25.570	10.201	14.804	15118.014	0.259

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Node Depth Summary
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Node	Type	Average Depth Meters	Maximum Depth Meters	Maximum HGL Meters	Time of Max Occurrence days	hr:min
13A-N001	JUNCTION	0.16	1.26	251.94	0	00:40
13A-N003	JUNCTION	0.10	0.64	251.10	0	01:14
13A-N004	JUNCTION	0.09	0.58	251.10	0	01:14
13A-N005	JUNCTION	0.18	1.09	251.10	0	01:14
13A-N006	JUNCTION	0.08	0.54	251.10	0	01:14
13A-N007	JUNCTION	0.24	1.29	251.09	0	01:13
13A-N008	JUNCTION	0.08	0.55	251.13	0	00:38
13A-N009	JUNCTION	0.07	0.52	251.15	0	00:38
13A-N010	JUNCTION	0.15	0.62	251.17	0	00:38
13A-N011	JUNCTION	0.07	0.54	251.20	0	00:38
13A-N012	JUNCTION	0.16	0.66	251.22	0	00:38
13A-N013	JUNCTION	0.06	0.54	251.24	0	00:38
13A-N014	JUNCTION	0.05	0.47	251.26	0	00:38
13A-N015	JUNCTION	0.03	0.40	251.28	0	00:38
13A-N016	JUNCTION	0.02	0.34	251.31	0	00:38
13A-N017	JUNCTION	0.07	0.41	251.33	0	00:38
13A-N018	JUNCTION	0.04	0.40	251.36	0	00:38
13A-N019	JUNCTION	0.00	0.00	265.38	0	00:00
13A-N020	JUNCTION	0.00	0.07	264.04	0	00:32
13A-N022	JUNCTION	0.01	0.18	263.09	0	00:32
13A-N023	JUNCTION	0.01	0.15	260.66	0	00:32
13A-N024	JUNCTION	0.02	0.53	259.35	0	00:34
13A-N025	JUNCTION	0.02	0.67	257.30	0	00:38
13A-N026	JUNCTION	0.03	0.91	255.92	0	00:42
13A-N027	JUNCTION	0.05	1.06	253.58	0	00:44
13A-N028	JUNCTION	0.01	0.25	258.65	0	00:32
13A-N031	JUNCTION	0.01	0.18	258.01	0	00:32
13A-N032	JUNCTION	0.02	0.65	257.81	0	00:32
13A-N033	JUNCTION	0.01	0.20	256.61	0	00:32
13A-N040	JUNCTION	0.10	1.29	252.39	0	00:37
13A-N043	JUNCTION	0.15	1.35	252.07	0	00:50
13A-N048	JUNCTION	0.15	1.12	251.79	0	00:53
13A-N050	JUNCTION	0.14	1.04	251.71	0	00:53
13A-N052	JUNCTION	0.14	0.96	251.62	0	00:53
13A-N055	JUNCTION	0.09	0.81	251.50	0	00:53
13A-N058	JUNCTION	0.34	1.41	251.32	0	00:53
13A-N059	JUNCTION	0.29	1.42	251.39	0	00:53
13A-N060	JUNCTION	0.42	1.49	251.32	0	00:53
13A-N061	JUNCTION	0.15	1.10	251.32	0	00:53
13A-N062	JUNCTION	0.01	0.17	260.86	0	00:32
13A-N063	JUNCTION	0.01	0.18	258.18	0	00:32
13A-N064	JUNCTION	0.06	0.45	252.99	0	00:32
13A-N065	JUNCTION	0.02	0.24	251.59	0	00:33
13A-N066	JUNCTION	0.20	0.57	251.54	0	00:51
13A-N067	JUNCTION	0.02	0.41	252.14	0	00:34
13A-N069	JUNCTION	0.02	0.36	251.69	0	00:37
13A-N070	JUNCTION	0.02	0.36	251.59	0	00:37
13A-N071	JUNCTION	0.02	0.33	251.50	0	00:37
13A-N072	JUNCTION	0.11	0.43	250.65	0	01:02
13A-N073	JUNCTION	0.01	0.09	250.99	0	00:33
13A-N074	JUNCTION	0.03	0.26	250.84	0	01:02
13A-N075	JUNCTION	0.18	0.56	250.84	0	01:02
13A-N076	JUNCTION	0.23	1.37	251.28	0	00:53
13A-N077	JUNCTION	0.03	0.85	250.28	0	00:35
13A-N079	JUNCTION	0.03	0.82	250.19	0	00:34
13A-N081	JUNCTION	0.03	0.46	250.54	0	00:38
13A-N082	JUNCTION	0.02	0.66	250.32	0	00:35
13A-N084	JUNCTION	0.14	0.66	250.34	0	00:32
13A-N085	JUNCTION	0.03	0.52	250.31	0	00:32
13A-N086	JUNCTION	0.07	0.60	250.16	0	00:32
13A-N087	JUNCTION	0.03	0.44	250.01	0	00:33
13A-N088	JUNCTION	0.03	0.42	250.13	0	00:34
13A-N089	JUNCTION	0.03	0.53	250.50	0	00:34
13A-N090	JUNCTION	0.03	0.69	250.85	0	00:34
13A-N091	JUNCTION	0.02	0.32	251.17	0	00:33
13A-N092	JUNCTION	0.02	0.25	251.91	0	00:32
13A-N093	JUNCTION	0.02	0.25	252.65	0	00:32
13A-N094	JUNCTION	0.02	0.26	253.47	0	00:32
13A-N095	JUNCTION	0.02	0.21	254.85	0	00:39
13A-N096	JUNCTION	0.07	1.00	256.33	0	00:39
13A-N097	JUNCTION	0.01	0.65	253.20	0	00:32
13A-N098	JUNCTION	0.02	0.63	252.24	0	00:35
13A-N099	JUNCTION	0.02	0.35	250.44	0	00:43
13A-N100	JUNCTION	0.04	1.40	253.17	0	00:37
13A-N101	JUNCTION	0.02	0.89	253.54	0	00:36
13A-N102	JUNCTION	0.12	1.11	255.54	0	00:35
13A-N103	JUNCTION	0.02	1.29	257.26	0	00:33
13A-N104	JUNCTION	0.02	0.86	257.68	0	00:32
13A-N105	JUNCTION	0.18	0.60	250.95	0	01:02
13A-N106	JUNCTION	0.03	0.78	251.55	0	00:35
13A-N107	JUNCTION	0.15	0.51	250.54	0	01:03
13A-N108	JUNCTION	0.01	0.16	251.56	0	00:32
13A-N109	JUNCTION	0.21	0.39	251.46	0	00:32
13A-N110	JUNCTION	0.05	0.60	250.81	0	00:33
13A-N111	JUNCTION	0.19	0.60	251.58	0	00:51
13A-N112	JUNCTION	0.43	0.55	249.43	0	00:01
13A-N113	JUNCTION	0.05	0.76	251.13	0	00:40
13A-N114	JUNCTION	0.13	0.84	251.10	0	01:14
13A-N115	JUNCTION	0.63	1.21	250.44	0	00:38
13A-N116	JUNCTION	0.19	0.96	250.33	0	00:35
13A-N117	JUNCTION	0.11	1.00	250.33	0	00:35
13A-N118	JUNCTION	0.01	0.34	250.34	0	00:36
13A-N119	JUNCTION	0.01	0.41	250.34	0	00:35
13A-N121	JUNCTION	0.01	0.16	250.51	0	00:32
13A-N123	JUNCTION	0.01	0.18	250.81	0	00:32
13A-N124	JUNCTION	0.01	0.18	251.10	0	00:32
13A-N125	JUNCTION	0.01	0.25	251.03	0	00:32
13A-N126	JUNCTION	0.02	0.54	250.34	0	00:35
13A-N127	JUNCTION	0.25	1.14	250.33	0	00:36
13A-N128	JUNCTION	1.32	1.81	249.89	0	00:01
13A-N132	JUNCTION	1.24	1.36	249.70	0	00:38
13A-N133	JUNCTION	0.67	0.79	249.70	0	00:46
13A-N134	JUNCTION	0.15	0.52	250.14	0	00:44
13A-N135	JUNCTION	0.20	0.65	250.29	0	01:03
13A-N136	JUNCTION	0.30	0.77	250.32	0	01:03
13A-N137	JUNCTION	0.22	0.75	250.40	0	01:03
13A-N138	JUNCTION	0.56	1.01	250.07	0	00:46
13A-N139	JUNCTION	0.01	0.24	252.34	0	00:32
13A-N140	JUNCTION	0.01	0.24	254.04	0	00:32
13A-N142	JUNCTION	0.07	0.58	251.48	0	00:52
13A-N143	JUNCTION	0.22	0.71	251.51	0	00:56
13A-N144	JUNCTION	0.29	1.40	251.10	0	01:08
13A-N145	JUNCTION	0.28	0.88	250.48	0	00:38
13A-N146	JUNCTION	0.01	0.18	252.61	0	00:32
13A-N147	JUNCTION	0.05	0.90	251.40	0	00:34
13A-N148	JUNCTION	0.05	0.55	249.90	0	00:34
13A-N149	JUNCTION	0.06	0.74	250.94	0	00:42
13A-N150	JUNCTION	0.04	0.80	250.12	0	00:34
13A-N151	JUNCTION	0.06	0.52	251.52	0	00:33
13A-N152	JUNCTION	0.01	0.23	250.45	0	00:32
13A-N153	JUNCTION	0.02	0.58	250.33	0	00:35
13A-N154	JUNCTION	0.02	0.51	250.32	0	00:35
13A-N155	JUNCTION	0.03	0.73	250.14	0	00:33
13A-N156	JUNCTION	0.12	0.92	250.09	0	00:34
13A-N157	JUNCTION	0.03	0.75	250.17	0	00:33
13A-N158	JUNCTION	0.28	0.85	249.85	0	00:34
13A-N159	JUNCTION	0.06	0.83	250.26	0	00:33

13A-N160	JUNCTION	0.08	0.35	253.03	0	00:35
13A-N161	JUNCTION	0.21	0.62	252.08	0	00:42
13A-N162	JUNCTION	0.09	0.45	254.15	0	00:33
13A-N163	JUNCTION	0.15	0.49	251.54	0	00:57
13A-N164	JUNCTION	0.19	0.67	251.52	0	00:56
13A-N165	JUNCTION	0.03	0.29	250.95	0	01:01
13A-N166	JUNCTION	0.04	0.68	255.33	0	00:32
13A-N167	JUNCTION	0.06	0.96	254.66	0	00:32
13A-N168	JUNCTION	0.04	0.41	253.76	0	00:37
13A-N169	JUNCTION	0.02	0.49	255.52	0	00:32
13A-N170	JUNCTION	0.03	0.37	251.67	0	00:53
13A-N171	JUNCTION	1.29	1.70	249.67	0	00:00
13A-N172	JUNCTION	0.01	0.19	250.18	0	00:33
13A-N173	JUNCTION	0.03	0.18	250.61	0	00:52
13A-N174	JUNCTION	0.09	0.54	250.54	0	00:36
13A-N175	JUNCTION	0.05	0.39	250.55	0	00:34
13A-N176	JUNCTION	0.67	1.11	250.06	0	00:46
13A-N180	JUNCTION	0.14	0.88	251.53	0	00:53
13A-N181	JUNCTION	0.16	1.18	251.85	0	00:33
13A-N182	JUNCTION	0.14	1.00	251.40	0	00:52
13A-N185	JUNCTION	0.02	0.29	257.59	0	00:32
13A-N186	JUNCTION	0.01	0.10	259.81	0	00:55
13A-N187	JUNCTION	0.13	0.60	251.65	0	00:53
13A-N188	JUNCTION	0.43	0.87	250.07	0	00:45
13A-N189	JUNCTION	0.04	1.02	262.02	0	00:35
13B-N001	JUNCTION	0.25	1.07	252.19	0	00:38
13B-N002	JUNCTION	0.19	1.08	252.19	0	00:38
13B-N003	JUNCTION	0.01	0.27	252.48	0	00:31
13B-N005	JUNCTION	0.04	0.73	253.37	0	00:40
13B-N006	JUNCTION	0.03	0.85	254.07	0	00:35
13B-N007	JUNCTION	0.02	0.80	254.48	0	00:35
13B-N008	JUNCTION	0.01	0.58	254.95	0	00:32
13B-N009	JUNCTION	0.01	0.33	255.46	0	00:32
13B-N010	JUNCTION	0.01	0.19	256.41	0	00:32
13B-N011	JUNCTION	0.01	0.18	258.27	0	00:32
13B-N012	JUNCTION	0.01	0.20	259.98	0	00:32
13B-N013	JUNCTION	0.01	0.15	257.56	0	00:32
13B-N014	JUNCTION	0.01	0.17	255.62	0	00:32
13B-N015	JUNCTION	0.01	0.16	254.31	0	00:32
13B-N016	JUNCTION	0.01	0.53	253.04	0	00:33
13B-N017	JUNCTION	0.01	0.56	252.84	0	00:33
13B-N018	JUNCTION	0.04	0.71	252.54	0	00:34
13B-N019	JUNCTION	0.04	0.58	252.46	0	00:39
13B-N020	JUNCTION	0.05	0.62	252.37	0	00:39
13B-N021	JUNCTION	0.06	0.64	252.29	0	00:38
13B-N022	JUNCTION	0.09	0.71	252.21	0	00:33
13B-N023	JUNCTION	0.06	0.88	250.25	0	00:34
13B-N024	JUNCTION	0.16	1.06	250.57	0	00:40
13B-N025	JUNCTION	0.29	2.40	252.26	0	00:35
13B-N026	JUNCTION	0.23	1.82	252.08	0	00:39
13B-N027	JUNCTION	0.26	1.70	252.02	0	00:40
13B-N028	JUNCTION	0.19	1.76	253.14	0	01:06
13B-N029	JUNCTION	0.17	1.77	255.12	0	01:01
13B-N030	JUNCTION	0.01	0.08	261.42	0	01:06
13B-N031	JUNCTION	0.02	0.25	262.40	0	00:54
13B-N032	JUNCTION	0.02	0.30	263.26	0	00:53
13B-N033	JUNCTION	0.02	0.32	264.31	0	00:38
13B-N034	JUNCTION	0.15	0.52	267.16	0	00:37
13B-N035	JUNCTION	0.01	0.27	267.04	0	00:35
13B-N036	JUNCTION	0.02	0.46	266.85	0	00:35
13B-N039	JUNCTION	0.03	0.78	264.61	0	00:37
13B-N041	JUNCTION	0.01	0.17	263.72	0	00:32
13B-N042	JUNCTION	0.01	0.13	263.01	0	00:32
13B-N043	JUNCTION	0.02	0.47	263.15	0	00:40
13B-N044	JUNCTION	0.02	0.44	262.33	0	00:42
13B-N045	JUNCTION	0.02	0.75	261.65	0	00:33
13B-N046	JUNCTION	0.05	0.76	261.29	0	00:44
13B-N047	JUNCTION	0.02	0.69	260.07	0	00:34
13B-N048	JUNCTION	0.01	0.14	258.99	0	00:44
13B-N049	JUNCTION	0.02	0.71	258.49	0	00:36
13B-N050	JUNCTION	0.01	0.13	256.35	0	00:50
13B-N051	JUNCTION	0.02	0.72	256.25	0	00:38
13B-N052	JUNCTION	0.05	0.63	254.86	0	00:52
13B-N057	JUNCTION	0.00	0.00	253.10	0	00:00
13B-N058	JUNCTION	0.14	1.21	250.96	0	00:39
13B-N059	JUNCTION	0.01	0.22	261.18	0	00:32
13B-N060	JUNCTION	0.06	1.52	250.91	0	00:34
13B-N061	JUNCTION	0.36	1.31	252.91	0	00:42
13B-N062	JUNCTION	0.28	1.15	252.76	0	01:07
13B-N063	JUNCTION	0.23	1.03	252.67	0	01:04
13B-N064	JUNCTION	0.11	1.02	252.75	0	01:04
13B-N065	JUNCTION	0.15	0.74	251.46	0	00:42
13B-N066	JUNCTION	0.13	1.75	258.84	0	00:24
13B-N067	JUNCTION	0.06	2.28	251.69	0	00:33
13B-N068	JUNCTION	0.15	1.10	251.92	0	00:40
13B-N069	JUNCTION	0.34	1.04	252.22	0	00:33
13B-N070	JUNCTION	0.22	1.19	252.74	0	00:36
13B-N071	JUNCTION	0.13	0.94	252.24	0	00:37
13B-N072	JUNCTION	0.06	0.79	253.08	0	00:44
13B-N073	JUNCTION	0.07	0.56	266.51	0	00:34
13B-N074	JUNCTION	0.02	1.01	266.31	0	00:33
13B-N075	JUNCTION	0.05	0.76	254.56	0	00:41
13B-N076	JUNCTION	0.03	0.13	251.33	0	00:50
13B-N077	JUNCTION	0.07	0.33	251.32	0	00:49
13B-N078	JUNCTION	0.06	0.34	251.32	0	00:49
13B-N079	JUNCTION	0.51	1.04	251.32	0	00:49
13B-N080	JUNCTION	0.50	0.63	251.33	0	00:50
13B-N081	JUNCTION	0.22	1.85	251.69	0	00:37
13B-N082	JUNCTION	0.19	0.20	249.40	0	00:21
13B-N083	JUNCTION	0.01	0.25	260.55	0	00:32
13B-N084	JUNCTION	0.01	0.20	260.26	0	00:32
13B-N085	JUNCTION	0.02	0.37	260.07	0	00:32
13B-N086	JUNCTION	0.01	0.12	259.72	0	00:33
13B-N088	JUNCTION	0.01	0.18	251.43	0	00:43
13B-N089	JUNCTION	0.11	0.63	251.43	0	00:42
13B-N090	JUNCTION	0.55	1.17	251.43	0	00:42
13B-N092	JUNCTION	0.20	0.96	252.16	0	00:33
13B-N093	JUNCTION	0.01	0.19	252.20	0	00:32
13B-N094	JUNCTION	0.07	0.49	252.10	0	00:31
13B-N095	JUNCTION	0.23	1.08	252.23	0	00:32
13B-N096	JUNCTION	0.61	1.22	251.42	0	00:42
13B-N097	JUNCTION	0.63	1.23	251.41	0	00:43
13B-N098	JUNCTION	0.01	0.18	252.58	0	00:32
13B-N099	JUNCTION	0.09	0.35	251.32	0	00:48
13B-N100	JUNCTION	0.03	0.25	251.32	0	00:47
13B-N102	JUNCTION	0.23	0.72	251.29	0	00:49
13B-N103	JUNCTION	0.00	0.02	251.33	0	00:50
13B-N104	JUNCTION	0.00	0.03	250.74	0	00:50
13B-N105	JUNCTION	0.02	0.03	250.69	0	00:51
13B-N106	JUNCTION	0.07	0.90	252.70	0	00:48
13B-N107	JUNCTION	0.24	1.05	252.18	0	00:33
13A-F001	OUTFALL	1.40	1.40	249.40	0	00:00
13A-F002	OUTFALL	1.40	1.40	249.26	0	00:00
13A-F003	OUTFALL	0.49	0.49	249.31	0	00:00
13A-F004	OUTFALL	0.83	0.83	249.56	0	00:00
13A-F005	OUTFALL	1.56	1.56	249.56	0	00:00
13B-F001	OUTFALL	0.21	0.36	250.84	0	00:50
13B-F002	OUTFALL	0.11	0.11	250.68	0	00:00

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Node InFlow Summary
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Node	Type	Maximum Lateral Inflow LPS	Maximum Total Inflow LPS	Time of Max Occurrence days	Time of Max Occurrence hr:min	Lateral Inflow Volume 10^6 ltr	Total Inflow Volume 10^6 ltr
13A-N001	JUNCTION	197.35	247.99	0	00:32	0.210	0.385
13A-N003	JUNCTION	0.00	122.89	0	00:38	0.000	0.183
13A-N004	JUNCTION	0.00	124.49	0	00:34	0.000	0.184
13A-N005	JUNCTION	0.00	116.04	0	00:35	0.000	0.262
13A-N006	JUNCTION	0.00	127.62	0	00:34	0.000	0.183
13A-N007	JUNCTION	0.00	155.03	0	00:38	0.000	0.391
13A-N008	JUNCTION	69.31	130.23	0	00:33	0.065	0.184
13A-N009	JUNCTION	0.00	91.22	0	00:38	0.000	0.120
13A-N010	JUNCTION	0.00	91.17	0	00:38	0.000	0.119
13A-N011	JUNCTION	0.00	91.20	0	00:38	0.000	0.119
13A-N012	JUNCTION	0.00	91.30	0	00:38	0.000	0.119
13A-N013	JUNCTION	0.00	91.53	0	00:38	0.000	0.119
13A-N014	JUNCTION	0.00	91.93	0	00:38	0.000	0.119
13A-N015	JUNCTION	0.00	92.94	0	00:34	0.000	0.119
13A-N016	JUNCTION	0.00	94.07	0	00:34	0.000	0.119
13A-N017	JUNCTION	0.00	95.02	0	00:34	0.000	0.119
13A-N018	JUNCTION	0.00	96.30	0	00:34	0.000	0.119
13A-N019	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
13A-N020	JUNCTION	79.24	79.24	0	00:32	0.069	0.069
13A-N022	JUNCTION	67.41	145.59	0	00:32	0.059	0.128
13A-N023	JUNCTION	25.06	113.98	0	00:32	0.021	0.149
13A-N024	JUNCTION	166.37	280.12	0	00:32	0.146	0.295
13A-N025	JUNCTION	0.00	233.79	0	00:30	0.000	0.295
13A-N026	JUNCTION	0.00	207.92	0	00:30	0.000	0.296
13A-N027	JUNCTION	0.00	185.30	0	00:32	0.000	0.296
13A-N028	JUNCTION	112.90	112.90	0	00:32	0.098	0.098

13A-N031	JUNCTION	0.00	112.22	0	00:32	0.000	0.098
13A-N032	JUNCTION	88.42	88.42	0	00:32	0.076	0.076
13A-N033	JUNCTION	0.00	185.53	0	00:32	0.000	0.175
13A-N040	JUNCTION	0.00	184.95	0	00:32	0.000	0.175
13A-N043	JUNCTION	0.00	95.55	0	00:34	0.000	0.176
13A-N048	JUNCTION	0.00	137.72	0	00:28	0.000	0.318
13A-N050	JUNCTION	0.00	128.41	0	00:28	0.000	0.317
13A-N052	JUNCTION	0.00	121.90	0	00:30	0.000	0.316
13A-N055	JUNCTION	0.00	121.08	0	00:30	0.000	0.317
13A-N058	JUNCTION	0.00	21.26	0	00:31	0.000	0.019
13A-N059	JUNCTION	0.00	313.93	0	00:32	0.000	0.954
13A-N060	JUNCTION	136.08	468.41	0	00:34	0.126	1.413
13A-N061	JUNCTION	11.71	17.76	0	00:31	0.011	0.012
13A-N062	JUNCTION	139.56	139.56	0	00:32	0.122	0.122
13A-N063	JUNCTION	0.00	138.44	0	00:32	0.000	0.122
13A-N064	JUNCTION	0.00	135.68	0	00:32	0.000	0.122
13A-N065	JUNCTION	0.00	133.71	0	00:32	0.000	0.121
13A-N066	JUNCTION	0.00	267.91	0	00:51	0.000	0.813
13A-N067	JUNCTION	124.82	124.82	0	00:32	0.119	0.119
13A-N069	JUNCTION	0.00	98.05	0	00:31	0.000	0.119
13A-N070	JUNCTION	0.00	97.04	0	00:33	0.000	0.119
13A-N071	JUNCTION	0.00	96.84	0	00:34	0.000	0.119
13A-N072	JUNCTION	1.59	349.33	0	01:01	0.001	2.114
13A-N073	JUNCTION	0.00	33.64	0	00:32	0.000	0.028
13A-N074	JUNCTION	0.00	43.93	0	00:32	0.000	0.036
13A-N075	JUNCTION	12.17	346.28	0	01:01	0.011	2.080
13A-N076	JUNCTION	0.00	465.98	0	00:33	0.000	1.407
13A-N077	JUNCTION	56.43	194.26	0	00:39	0.050	0.185
13A-N079	JUNCTION	0.00	196.75	0	00:39	0.000	0.185
13A-N081	JUNCTION	175.58	175.58	0	00:33	0.173	0.173
13A-N082	JUNCTION	0.00	158.64	0	00:38	0.000	0.140
13A-N084	JUNCTION	0.00	86.49	0	00:47	0.000	0.174
13A-N085	JUNCTION	91.96	148.57	0	00:32	0.082	0.256
13A-N086	JUNCTION	0.00	146.05	0	00:32	0.000	0.256
13A-N087	JUNCTION	0.00	301.73	0	00:33	0.000	0.600
13A-N088	JUNCTION	0.00	167.30	0	00:34	0.000	0.344
13A-N089	JUNCTION	0.00	167.86	0	00:33	0.000	0.343
13A-N090	JUNCTION	0.00	178.03	0	00:32	0.000	0.344
13A-N091	JUNCTION	0.00	183.03	0	00:32	0.000	0.344
13A-N092	JUNCTION	0.00	182.20	0	00:32	0.000	0.344
13A-N093	JUNCTION	0.00	182.37	0	00:32	0.000	0.344
13A-N094	JUNCTION	136.26	290.93	0	00:32	0.122	0.539
13A-N095	JUNCTION	0.00	162.65	0	00:39	0.000	0.417
13A-N096	JUNCTION	474.81	474.81	0	00:32	0.417	0.417
13A-N097	JUNCTION	153.07	153.07	0	00:32	0.140	0.140
13A-N098	JUNCTION	0.00	138.98	0	00:32	0.000	0.140
13A-N099	JUNCTION	0.00	303.82	0	00:40	0.000	0.585
13A-N100	JUNCTION	0.00	160.86	0	00:36	0.000	0.210
13A-N101	JUNCTION	0.00	169.42	0	00:33	0.000	0.209
13A-N102	JUNCTION	0.00	191.80	0	00:32	0.000	0.210
13A-N103	JUNCTION	0.00	225.44	0	00:32	0.000	0.209
13A-N104	JUNCTION	250.87	250.87	0	00:32	0.209	0.209
13A-N105	JUNCTION	5.88	351.74	0	00:58	0.004	2.036
13A-N106	JUNCTION	0.00	242.58	0	00:35	0.000	0.405
13A-N107	JUNCTION	0.00	349.03	0	01:02	0.000	2.112
13A-N108	JUNCTION	36.78	36.78	0	00:32	0.028	0.028
13A-N109	JUNCTION	47.50	47.50	0	00:32	0.037	0.037
13A-N110	JUNCTION	312.16	312.16	0	00:32	0.298	0.298
13A-N111	JUNCTION	0.00	409.52	0	00:51	0.000	0.950
13A-N112	JUNCTION	0.00	397.87	0	00:34	0.000	0.946
13A-N113	JUNCTION	120.90	409.31	0	00:32	0.104	0.585
13A-N114	JUNCTION	0.00	122.71	0	00:38	0.000	0.196
13A-N115	JUNCTION	0.00	710.46	0	00:34	0.000	4.126
13A-N116	JUNCTION	0.00	206.26	0	00:32	0.000	0.177
13A-N117	JUNCTION	0.00	113.00	0	00:31	0.000	0.169
13A-N118	JUNCTION	0.00	212.75	0	00:32	0.000	0.173
13A-N119	JUNCTION	20.85	95.23	0	00:32	0.017	0.078
13A-N121	JUNCTION	0.00	74.99	0	00:32	0.000	0.061
13A-N123	JUNCTION	0.00	75.02	0	00:32	0.000	0.062
13A-N124	JUNCTION	76.61	76.61	0	00:32	0.062	0.062
13A-N125	JUNCTION	264.93	264.93	0	00:32	0.214	0.214
13A-N126	JUNCTION	0.00	266.39	0	00:32	0.000	0.213
13A-N127	JUNCTION	0.00	626.32	0	00:32	0.000	0.820
13A-N128	JUNCTION	0.00	3753.55	0	00:00	0.000	1.143
13A-N132	JUNCTION	0.00	569.14	0	00:00	0.000	2.154
13A-N133	JUNCTION	0.00	997.97	0	00:00	0.000	4.947
13A-N134	JUNCTION	0.00	663.23	0	00:38	0.000	4.105
13A-N135	JUNCTION	0.00	666.08	0	00:38	0.000	4.112
13A-N136	JUNCTION	0.00	666.51	0	00:38	0.000	4.113
13A-N137	JUNCTION	0.00	671.84	0	00:37	0.000	4.113
13A-N138	JUNCTION	0.00	300.75	0	00:41	0.000	0.623
13A-N139	JUNCTION	0.00	133.56	0	00:32	0.000	0.122
13A-N140	JUNCTION	0.00	136.91	0	00:32	0.000	0.122
13A-N142	JUNCTION	155.54	333.57	0	00:33	0.143	0.954
13A-N143	JUNCTION	86.63	341.73	0	00:53	0.068	2.038
13A-N144	JUNCTION	0.00	561.65	0	00:34	0.000	1.731
13A-N145	JUNCTION	0.00	743.08	0	00:34	0.000	4.120
13A-N146	JUNCTION	81.89	81.89	0	00:32	0.074	0.074
13A-N147	JUNCTION	0.00	304.67	0	00:33	0.000	0.480
13A-N148	JUNCTION	0.00	397.87	0	00:33	0.000	0.874
13A-N149	JUNCTION	140.04	244.31	0	00:32	0.132	0.273
13A-N150	JUNCTION	0.00	558.38	0	00:33	0.000	0.638
13A-N151	JUNCTION	0.00	409.46	0	00:32	0.000	0.418
13A-N152	JUNCTION	214.75	214.75	0	00:32	0.173	0.173
13A-N153	JUNCTION	0.00	56.31	0	00:32	0.000	0.046
13A-N154	JUNCTION	52.26	52.26	0	00:32	0.041	0.041
13A-N155	JUNCTION	459.85	459.85	0	00:33	0.451	0.451
13A-N156	JUNCTION	0.00	1150.61	0	00:33	0.000	1.323
13A-N157	JUNCTION	0.00	699.56	0	00:32	0.000	0.678
13A-N158	JUNCTION	151.94	1290.09	0	00:33	0.164	1.552
13A-N159	JUNCTION	738.62	738.62	0	00:32	0.677	0.677
13A-N160	JUNCTION	0.00	480.13	0	00:33	0.000	1.737
13A-N161	JUNCTION	0.00	454.23	0	00:35	0.000	1.736
13A-N162	JUNCTION	546.75	546.75	0	00:32	1.735	1.735
13A-N163	JUNCTION	0.00	274.01	0	00:45	0.000	1.728
13A-N164	JUNCTION	0.00	261.13	0	01:10	0.000	1.734
13A-N165	JUNCTION	118.86	118.86	0	00:32	0.097	0.097
13A-N166	JUNCTION	0.00	738.75	0	00:32	0.000	0.605
13A-N167	JUNCTION	0.00	678.12	0	00:32	0.000	0.609
13A-N168	JUNCTION	0.00	365.66	0	00:37	0.000	0.559
13A-N169	JUNCTION	743.64	743.64	0	00:32	0.605	0.605
13A-N170	JUNCTION	0.00	329.36	0	00:49	0.000	0.577
13A-N171	JUNCTION	0.00	3924.14	0	00:00	0.000	2.062
13A-N172	JUNCTION	350.68	350.68	0	00:33	0.328	0.328
13A-N173	JUNCTION	14.65	14.65	0	00:47	0.030	0.030
13A-N174	JUNCTION	0.00	402.22	0	00:33	0.000	0.424
13A-N175	JUNCTION	142.17	142.17	0	00:33	0.121	0.121
13A-N176	JUNCTION	0.00	914.47	0	00:41	0.000	4.872
13A-N180	JUNCTION	0.00	121.11	0	00:30	0.000	0.317
13A-N181	JUNCTION	0.00	140.29	0	00:40	0.000	0.385
13A-N182	JUNCTION	0.00	120.03	0	00:30	0.000	0.316
13A-N185	JUNCTION	391.03	426.94	0	00:32	0.328	0.418
13A-N186	JUNCTION	49.79	49.79	0	00:55	0.090	0.090
13A-N187	JUNCTION	0.00	304.73	0	00:54	0.000	0.585
13A-N188	JUNCTION	0.00	303.35	0	00:40	0.000	0.591
13A-N189	JUNCTION	0.00	143.50	0	00:32	0.000	0.128
13B-N001	JUNCTION	157.27	253.52	0	01:32	0.155	1.292
13B-N002	JUNCTION	77.84	445.28	0	00:33	0.073	2.158
13B-N003	JUNCTION	0.00	11.00	0	00:30	0.000	0.001
13B-N005	JUNCTION	0.00	141.86	0	00:34	0.000	0.190
13B-N006	JUNCTION	0.00	147.14	0	00:31	0.000	0.190
13B-N007	JUNCTION	72.83	202.27	0	00:32	0.065	0.190
13B-N008	JUNCTION	0.00	135.91	0	00:32	0.000	0.125
13B-N009	JUNCTION	0.00	142.03	0	00:32	0.000	0.125
13B-N010	JUNCTION	0.00	141.71	0	00:32	0.000	0.125
13B-N011	JUNCTION	0.00	142.31	0	00:32	0.000	0.125
13B-N012	JUNCTION	142.75	142.75	0	00:32	0.125	0.125
13B-N013	JUNCTION	108.22	108.22	0	00:32	0.093	0.093
13B-N014	JUNCTION	0.00	107.93	0	00:32	0.000	0.093
13B-N015	JUNCTION	0.00	107.54	0	00:32	0.000	0.093
13B-N016	JUNCTION	0.00	106.97	0	00:32	0.000	0.093
13B-N017	JUNCTION	0.00	92.60	0	00:32	0.000	0.093
13B-N018	JUNCTION	0.00	88.88	0	00:33	0.000	0.093
13B-N019	JUNCTION	108.60	108.60	0	00:32	0.102	0.104
13B-N020	JUNCTION	0.00	63.93	0	00:30	0.000	0.103
13B-N021	JUNCTION	0.00	56.26	0	00:31	0.000	0.103
13B-N022	JUNCTION	0.00	51.11	0	00:31	0.000	0.103
13B-N023	JUNCTION	0.00	344.12	0	00:33	0.000	0.360
13B-N024	JUNCTION	0.00	191.58	0	00:33	0.000	1.236
13B-N025	JUNCTION	454.65	454.65	0	00:32	0.384	1.296
13B-N026	JUNCTION	0.00	124.95	0	01:21	0.000	0.962
13B-N027	JUNCTION	0.00	131.31	0	00:23	0.000	0.977
13B-N028	JUNCTION	0.00	33.34	0	00:20	0.000	0.115
13B-N029	JUNCTION	0.00	42.88	0	00:24	0.000	0.113
13B-N030	JUNCTION	0.00	26.45	0	00:55	0.000	0.086
13B-N031	JUNCTION	34.21	60.32	0	00:32	0.029	0.085
13B-N032	JUNCTION	0.00	27.13	0	00:28	0.000	0.056
13B-N033	JUNCTION	65.06	65.06	0	00:32	0.056	0.056
13B-N034	JUNCTION	85.29	85.29	0	00:32	0.073	0.073
13B-N035	JUNCTION	0.00	41.75	0	00:28	0.000	0.073
13B-N036	JUNCTION	0.00	40.89	0	00:29	0.000	0.073
13B-N039	JUNCTION	65.50	229.89	0	00:32	0.056	0.278
13B-N041	JUNCTION	90.21	90.21	0	00:32	0.080	0.080
13B-N042	JUNCTION	0.00	89.64	0	00:32	0.000	0.080
13B-N043	JUNCTION	0.00	173.83	0	00:30	0.000	0.278
13B-N044	JUNCTION	0.00	171.77	0	00:31	0.000	0.278

13B-N045	JUNCTION	168.37	256.29	0	00:32	0.154	0.233
13B-N046	JUNCTION	0.00	167.50	0	00:31	0.000	0.278
13B-N047	JUNCTION	0.00	216.93	0	00:32	0.000	0.234
13B-N048	JUNCTION	0.00	109.77	0	00:44	0.000	0.278
13B-N049	JUNCTION	0.00	209.02	0	00:34	0.000	0.234
13B-N050	JUNCTION	0.00	109.77	0	00:44	0.000	0.278
13B-N051	JUNCTION	0.00	189.51	0	00:32	0.000	0.234
13B-N052	JUNCTION	0.00	109.77	0	00:44	0.000	0.278
13B-N057	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
13B-N058	JUNCTION	0.00	199.94	0	00:31	0.000	1.236
13B-N059	JUNCTION	280.00	280.00	0	00:32	0.254	0.254
13B-N060	JUNCTION	0.00	367.70	0	00:32	0.000	0.363
13B-N061	JUNCTION	816.92	816.92	0	00:32	0.665	0.666
13B-N062	JUNCTION	0.00	197.66	0	00:36	0.000	0.666
13B-N063	JUNCTION	0.00	182.75	0	00:30	0.000	0.782
13B-N064	JUNCTION	0.00	204.55	0	00:29	0.000	0.514
13B-N065	JUNCTION	0.00	386.41	0	00:32	0.000	1.409
13B-N066	JUNCTION	0.00	270.13	0	00:32	0.000	0.255
13B-N067	JUNCTION	340.95	403.46	0	00:32	0.287	0.364
13B-N068	JUNCTION	23.35	418.66	0	00:32	0.018	2.222
13B-N069	JUNCTION	0.00	152.16	0	00:30	0.000	1.090
13B-N070	JUNCTION	414.13	414.13	0	00:32	0.424	1.206
13B-N071	JUNCTION	0.00	275.39	0	00:30	0.000	0.883
13B-N072	JUNCTION	0.00	152.14	0	00:31	0.000	0.276
13B-N073	JUNCTION	0.00	40.59	0	00:39	0.000	0.073
13B-N074	JUNCTION	172.10	198.00	0	00:32	0.149	0.222
13B-N075	JUNCTION	0.00	252.78	0	00:31	0.000	0.514
13B-N076	JUNCTION	0.00	54.58	0	00:32	0.000	0.062
13B-N077	JUNCTION	0.00	38.58	0	00:40	0.000	0.071
13B-N078	JUNCTION	0.00	114.36	0	00:36	0.000	0.142
13B-N079	JUNCTION	0.00	812.04	0	00:37	0.000	3.438
13B-N080	JUNCTION	0.00	40.99	0	00:33	0.000	0.034
13B-N081	JUNCTION	0.00	225.24	0	00:31	0.000	1.237
13B-N082	JUNCTION	0.00	516.78	0	00:35	0.000	1.597
13B-N083	JUNCTION	87.25	87.25	0	00:32	0.077	0.077
13B-N084	JUNCTION	0.00	85.24	0	00:32	0.000	0.077
13B-N085	JUNCTION	0.00	85.09	0	00:32	0.000	0.077
13B-N086	JUNCTION	0.00	81.82	0	00:32	0.000	0.077
13B-N088	JUNCTION	0.00	55.32	0	00:37	0.000	0.014
13B-N089	JUNCTION	0.00	158.27	0	00:33	0.000	0.092
13B-N090	JUNCTION	0.00	348.07	0	00:41	0.000	1.497
13B-N092	JUNCTION	0.00	718.20	0	00:31	0.000	1.536
13B-N093	JUNCTION	142.48	142.48	0	00:32	0.140	0.140
13B-N094	JUNCTION	492.41	831.24	0	00:33	0.392	0.863
13B-N095	JUNCTION	0.00	401.31	0	00:31	0.000	1.224
13B-N096	JUNCTION	0.00	311.95	0	00:42	0.000	1.442
13B-N097	JUNCTION	488.13	930.18	0	00:33	0.388	3.393
13B-N098	JUNCTION	58.90	58.90	0	00:32	0.047	0.047
13B-N099	JUNCTION	28.66	28.66	0	00:32	0.022	0.025
13B-N100	JUNCTION	47.40	47.40	0	00:32	0.036	0.036
13B-N102	JUNCTION	0.00	655.63	0	00:48	0.000	3.362
13B-N103	JUNCTION	0.00	2.60	0	00:47	0.000	0.001
13B-N104	JUNCTION	0.00	1.51	0	00:50	0.000	0.001
13B-N105	JUNCTION	0.00	2.73	0	00:00	0.000	0.001
13B-N106	JUNCTION	0.00	110.94	0	00:29	0.000	0.276
13B-N107	JUNCTION	0.00	251.86	0	01:32	0.000	1.273
13A-F001	OUTFALL	0.00	3753.55	0	00:00	0.000	1.330
13A-F002	OUTFALL	0.00	3924.14	0	00:00	0.000	2.113
13A-F003	OUTFALL	0.00	398.07	0	00:34	0.000	0.998
13A-F004	OUTFALL	0.00	501.83	0	00:00	0.000	2.800
13A-F005	OUTFALL	0.00	559.54	0	00:00	0.000	1.842
13B-F001	OUTFALL	0.00	655.38	0	00:50	0.000	3.361
13B-F002	OUTFALL	0.00	2.73	0	00:00	0.000	0.001

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Node Surcharge Summary
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Surcharging occurs when water rises above the top of the highest conduit.

Node	Type	Hours Surcharged	Max. Height Above Crown Meters	Min. Depth Below Rim Meters
13A-N001	JUNCTION	1.02	0.860	0.000
13A-N003	JUNCTION	1.25	0.136	0.264
13A-N004	JUNCTION	0.99	0.076	0.224
13A-N005	JUNCTION	1.53	0.586	0.000
13A-N006	JUNCTION	0.66	0.036	0.234
13A-N007	JUNCTION	1.63	0.795	0.000
13A-N008	JUNCTION	0.47	0.052	0.248
13A-N009	JUNCTION	0.07	0.024	0.226
13A-N010	JUNCTION	0.85	0.121	0.279
13A-N011	JUNCTION	0.07	0.037	0.363
13A-N012	JUNCTION	0.07	0.037	0.393
13A-N013	JUNCTION	0.06	0.036	0.614
13A-N024	JUNCTION	0.12	0.232	0.000
13A-N025	JUNCTION	0.20	0.318	0.000
13A-N026	JUNCTION	0.24	0.615	0.000
13A-N027	JUNCTION	0.40	0.659	0.000
13A-N032	JUNCTION	0.15	0.461	0.000
13A-N040	JUNCTION	0.87	0.995	0.000
13A-N043	JUNCTION	1.15	1.052	0.000
13A-N048	JUNCTION	1.03	0.721	0.039
13A-N050	JUNCTION	1.01	0.636	0.124
13A-N052	JUNCTION	1.00	0.561	0.269
13A-N055	JUNCTION	0.85	0.406	0.294
13A-N058	JUNCTION	1.70	1.014	0.336
13A-N059	JUNCTION	1.28	0.520	0.280
13A-N060	JUNCTION	1.28	0.454	0.306
13A-N061	JUNCTION	1.51	0.704	0.556
13A-N064	JUNCTION	0.04	0.096	0.304
13A-N067	JUNCTION	0.11	0.107	0.000
13A-N076	JUNCTION	1.46	0.575	0.125
13A-N077	JUNCTION	0.20	0.317	0.303
13A-N079	JUNCTION	0.21	0.321	0.429
13A-N081	JUNCTION	0.41	0.164	0.000
13A-N084	JUNCTION	0.43	0.261	0.039
13A-N085	JUNCTION	0.14	0.122	0.128
13A-N086	JUNCTION	0.44	0.199	0.101
13A-N088	JUNCTION	0.04	0.009	0.171
13A-N089	JUNCTION	0.10	0.130	0.130
13A-N090	JUNCTION	0.15	0.286	0.034
13A-N096	JUNCTION	0.69	0.758	0.000
13A-N097	JUNCTION	0.05	0.350	0.000
13A-N098	JUNCTION	0.15	0.329	0.000
13A-N100	JUNCTION	0.20	1.002	0.000
13A-N101	JUNCTION	0.12	0.485	0.315
13A-N102	JUNCTION	0.12	0.715	0.185
13A-N103	JUNCTION	0.10	0.862	0.000
13A-N104	JUNCTION	0.06	0.463	0.637
13A-N106	JUNCTION	0.22	0.277	0.283
13A-N113	JUNCTION	0.33	0.264	0.000
13A-N114	JUNCTION	1.41	0.336	0.000
13A-N116	JUNCTION	0.10	0.088	0.562
13A-N117	JUNCTION	0.15	0.198	0.502
13A-N127	JUNCTION	0.05	0.036	0.664
13A-N132	JUNCTION	1.61	0.100	0.000
13A-N144	JUNCTION	1.53	0.595	0.000
13A-N147	JUNCTION	0.28	0.265	0.005
13A-N149	JUNCTION	0.73	0.438	0.000
13A-N153	JUNCTION	0.06	0.037	0.073
13A-N167	JUNCTION	0.11	0.000	0.000
13A-N180	JUNCTION	0.96	0.480	0.290
13A-N181	JUNCTION	1.04	0.780	0.000
13A-N182	JUNCTION	1.21	0.500	0.000
13A-N189	JUNCTION	0.21	0.416	0.000
13B-N001	JUNCTION	1.03	0.370	0.320
13B-N002	JUNCTION	0.88	0.292	0.000
13B-N003	JUNCTION	0.39	0.076	0.022
13B-N005	JUNCTION	0.59	0.430	0.000
13B-N006	JUNCTION	0.19	0.474	0.006
13B-N007	JUNCTION	0.17	0.498	0.000
13B-N008	JUNCTION	0.08	0.278	0.202
13B-N009	JUNCTION	0.01	0.025	0.455
13B-N016	JUNCTION	0.06	0.169	0.231
13B-N017	JUNCTION	0.09	0.238	0.152
13B-N018	JUNCTION	0.55	0.411	0.000
13B-N019	JUNCTION	0.44	0.281	0.000
13B-N020	JUNCTION	0.70	0.320	0.040
13B-N021	JUNCTION	0.89	0.319	0.061
13B-N022	JUNCTION	1.04	0.363	0.237
13B-N023	JUNCTION	0.14	0.378	1.572
13B-N024	JUNCTION	1.40	0.664	2.086
13B-N025	JUNCTION	2.52	1.999	0.000
13B-N026	JUNCTION	2.13	1.420	0.000
13B-N027	JUNCTION	2.35	1.301	0.149
13B-N028	JUNCTION	1.08	1.611	0.000
13B-N029	JUNCTION	0.98	1.621	0.000
13B-N031	JUNCTION	0.82	0.126	0.000
13B-N032	JUNCTION	0.46	0.182	0.000
13B-N033	JUNCTION	0.43	0.201	0.000
13B-N034	JUNCTION	0.75	0.323	0.000
13B-N035	JUNCTION	0.19	0.070	0.280
13B-N036	JUNCTION	0.36	0.255	0.145

13B-N039	JUNCTION	0.23	0.428	0.000
13B-N043	JUNCTION	0.22	0.172	0.278
13B-N044	JUNCTION	0.21	0.140	0.360
13B-N045	JUNCTION	0.08	0.454	0.000
13B-N046	JUNCTION	0.61	0.457	0.000
13B-N047	JUNCTION	0.09	0.393	0.057
13B-N049	JUNCTION	0.12	0.308	0.000
13B-N051	JUNCTION	0.18	0.416	0.000
13B-N052	JUNCTION	0.69	0.330	0.000
13B-N058	JUNCTION	1.05	0.808	1.492
13B-N060	JUNCTION	0.22	1.025	1.395
13B-N061	JUNCTION	2.44	0.914	0.000
13B-N062	JUNCTION	2.41	0.651	0.000
13B-N063	JUNCTION	2.41	0.633	0.000
13B-N064	JUNCTION	1.14	0.725	0.000
13B-N066	JUNCTION	0.64	1.478	0.000
13B-N068	JUNCTION	0.82	0.396	0.004
13B-N069	JUNCTION	1.39	0.410	0.457
13B-N070	JUNCTION	2.42	0.793	0.000
13B-N071	JUNCTION	0.92	0.340	0.060
13B-N072	JUNCTION	0.59	0.265	0.000
13B-N073	JUNCTION	0.13	0.309	0.091
13B-N074	JUNCTION	0.10	0.405	0.000
13B-N075	JUNCTION	0.42	0.322	0.000
13B-N081	JUNCTION	2.31	1.452	0.508
13B-N089	JUNCTION	0.05	0.000	0.000
13B-N092	JUNCTION	0.27	0.038	0.242
13B-N094	JUNCTION	0.59	0.000	0.000
13B-N095	JUNCTION	0.73	0.156	0.074
13B-N106	JUNCTION	0.62	0.404	0.000
13B-N107	JUNCTION	1.28	0.455	0.215

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Node Flooding Summary
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Flooding refers to all water that overflows a node, whether it ponds or not.

Node	Hours Flooded	Maximum Rate LPS	Time of Max Occurrence days	hr:min	Total Flood Volume 10^6 ltr	Maximum Ponded Volume ha-mm
13A-N001	0.76	554.75	0	00:28	0.045	4.49
13A-N005	1.16	897.26	0	01:49	0.068	6.80
13A-N007	1.24	154.16	0	00:38	0.097	9.74
13A-N024	0.11	289.88	0	00:31	0.006	0.60
13A-N025	0.18	427.28	0	00:31	0.009	0.92
13A-N026	0.20	204.12	0	00:31	0.007	0.74
13A-N027	0.34	392.05	0	00:31	0.030	2.97
13A-N032	0.06	772.76	0	00:31	0.001	0.13
13A-N040	0.34	630.24	0	00:29	0.022	2.25
13A-N043	0.74	148.91	0	00:28	0.051	5.12
13A-N067	0.10	935.50	0	00:31	0.003	0.33
13A-N081	0.40	975.94	0	00:29	0.032	3.19
13A-N096	0.63	318.91	0	00:32	0.099	9.90
13A-N097	0.02	123.92	0	00:32	0.000	0.01
13A-N098	0.11	1014.91	0	00:32	0.005	0.46
13A-N100	0.05	70.09	0	00:35	0.001	0.08
13A-N103	0.03	989.80	0	00:32	0.001	0.12
13A-N113	0.27	366.86	0	00:31	0.032	3.20
13A-N114	1.23	44.98	0	00:46	0.068	6.81
13A-N132	0.63	239.01	0	00:46	0.313	0.00
13A-N144	1.46	334.51	0	00:34	0.198	19.76
13A-N149	0.66	147.10	0	00:32	0.069	6.89
13A-N167	0.11	373.86	0	00:32	0.058	0.00
13A-N181	0.55	51.44	0	00:41	0.068	0.00
13A-N182	0.04	1.18	0	00:53	0.000	0.00
13A-N189	0.17	563.61	0	00:30	0.008	0.80
13B-N002	0.26	157.79	0	00:33	0.026	2.62
13B-N005	0.22	501.52	0	00:31	0.010	1.02
13B-N007	0.14	1143.68	0	00:31	0.009	0.92
13B-N018	0.05	183.00	0	00:32	0.001	0.06
13B-N019	0.38	1023.22	0	00:30	0.015	1.53
13B-N025	0.14	419.88	0	00:31	0.020	1.97
13B-N026	0.15	34.16	0	00:32	0.010	0.99
13B-N028	0.81	176.64	0	00:32	0.005	0.53
13B-N029	0.71	428.39	0	00:31	0.010	1.04
13B-N031	0.80	424.14	0	00:25	0.023	2.27
13B-N032	0.35	15.45	0	00:33	0.000	0.04
13B-N033	0.41	421.83	0	00:28	0.010	0.98
13B-N034	0.35	48.45	0	00:32	0.011	1.13
13B-N039	0.20	1163.80	0	00:30	0.014	1.42
13B-N045	0.05	834.24	0	00:32	0.002	0.18
13B-N046	0.59	137.31	0	00:28	0.054	5.35
13B-N049	0.09	218.89	0	00:32	0.004	0.42
13B-N051	0.15	820.33	0	00:31	0.008	0.81
13B-N052	0.64	788.45	0	00:29	0.035	3.52
13B-N061	2.40	1599.15	0	02:43	0.288	28.70
13B-N062	2.36	174.45	0	00:34	0.225	22.54
13B-N063	2.21	181.16	0	00:30	0.191	19.13
13B-N064	1.07	110.45	0	00:33	0.162	16.23
13B-N066	0.58	232.52	0	00:32	0.141	0.00
13B-N070	0.22	309.53	0	00:30	0.026	2.64
13B-N072	0.56	479.42	0	00:29	0.042	4.18
13B-N074	0.07	173.94	0	00:31	0.003	0.25
13B-N075	0.38	95.21	0	00:29	0.031	3.11
13B-N089	0.05	29.74	0	00:44	0.004	0.00
13B-N094	0.59	831.18	0	00:33	0.697	0.00
13B-N106	0.34	23.38	0	00:35	0.002	0.21

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Outfall Loading Summary
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Outfall Node	Flow Freq. Pcnt.	Avg. Flow LPS	Max. Flow LPS	Total Volume 10^6 ltr
13A-F001	81.37	47.89	3753.55	1.330
13A-F002	87.74	74.29	3924.14	2.113
13A-F003	98.86	30.36	398.07	0.998
13A-F004	100.00	80.43	501.83	2.800
13A-F005	100.00	52.91	559.54	1.842
13B-F001	99.89	101.10	655.38	3.361
13B-F002	8.51	0.28	2.73	0.001
System	82.34	387.27	8801.69	12.445

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Link Flow Summary
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Link	Type	Maximum |Flow| LPS	Time of Max Occurrence days	hr:min	Maximum Velocity m/sec	Max/ Full Flow	Max/ Full Depth
13A-C001	CONDUIT	3753.55	0	00:00	1.73	1.01	0.80
13A-C002	CONDUIT	109.37	0	00:46	0.59	0.14	1.00
13A-C003	CONDUIT	76.71	0	00:46	0.90	0.13	1.00
13A-C009	CONDUIT	465.98	0	00:33	1.47	0.19	1.00
13A-C010	CONDUIT	121.90	0	00:30	0.97	3.60	1.00
13A-C011	CONDUIT	128.41	0	00:28	1.02	21.74	1.00
13A-C012	CONDUIT	140.29	0	00:40	1.12	1.41	1.00
13A-C013	CONDUIT	59.86	0	00:51	0.85	1.67	1.00
13A-C014	CONDUIT	95.55	0	00:34	1.35	0.87	1.00
13A-C015	CONDUIT	184.95	0	00:32	2.96	0.71	0.83
13A-C016	CONDUIT	112.03	0	00:32	3.02	0.42	0.52
13A-C017	CONDUIT	112.22	0	00:32	2.15	0.58	0.69
13A-C018	CONDUIT	121.11	0	00:30	0.96	3.76	1.00
13A-C021	CONDUIT	266.94	0	00:51	1.00	0.24	0.56
13A-C022	CONDUIT	136.91	0	00:32	3.32	0.58	0.56
13A-C023	CONDUIT	138.44	0	00:32	3.61	0.50	0.53
13A-C024	CONDUIT	135.68	0	00:32	2.04	0.81	0.89
13A-C025	CONDUIT	132.89	0	00:33	1.32	0.30	0.60
13A-C026	CONDUIT	243.73	0	00:51	0.62	1.37	1.00
13A-C027	CONDUIT	147.90	0	00:48	2.11	1.22	1.00
13A-C028	CONDUIT	185.30	0	00:32	2.87	0.91	1.00
13A-C029	CONDUIT	207.92	0	00:30	3.19	0.80	1.00
13A-C030	CONDUIT	233.79	0	00:30	3.63	0.90	1.00
13A-C031	CONDUIT	113.88	0	00:32	2.60	0.45	0.74
13A-C032	CONDUIT	143.50	0	00:32	2.27	0.52	0.80
13A-C033	CONDUIT	78.51	0	00:32	1.04	0.18	0.43
13A-C034	CONDUIT	0.00	0	00:00	0.00	0.00	0.13
13A-C036	CHANNEL	348.83	0	01:02	0.74	0.14	0.49
13A-C037	CHANNEL	271.29	0	00:33	0.57	0.32	0.69
13A-C038	CHANNEL	131.45	0	00:33	0.41	0.12	0.61
13A-C039	CHANNEL	277.00	0	01:09	0.45	0.20	0.66
13A-C041	CHANNEL	274.01	0	00:45	0.61	0.13	0.37
13A-C042	CHANNEL	454.23	0	00:35	0.84	0.06	0.34
13A-C045	CHANNEL	738.75	0	00:32	1.13	0.15	0.57

13A-C047	CHANNEL	329.36	0	00:49	0.68	0.16	0.44
13A-C048	CONDUIT	9.63	0	00:33	0.14	0.06	1.00
13A-C049	CONDUIT	96.30	0	00:34	0.89	0.76	0.91
13A-C050	CONDUIT	91.20	0	00:38	0.46	0.27	1.00
13A-C051	CONDUIT	91.30	0	00:38	0.63	0.60	1.00
13A-C052	CONDUIT	91.53	0	00:38	0.63	0.37	0.97
13A-C053	CONDUIT	91.93	0	00:38	0.79	0.32	0.87
13A-C054	CONDUIT	92.94	0	00:34	0.92	0.27	0.74
13A-C055	CONDUIT	94.07	0	00:34	0.76	0.33	0.75
13A-C056	CONDUIT	95.02	0	00:34	0.65	0.53	0.81
13A-C057	CONDUIT	91.17	0	00:38	0.46	0.35	1.00
13A-C058	CONDUIT	127.62	0	00:34	0.73	0.93	1.00
13A-C059	CONDUIT	91.34	0	00:38	0.47	0.44	1.00
13A-C060	CONDUIT	91.22	0	00:38	0.46	0.25	1.00
13A-C061	CONDUIT	122.89	0	00:38	0.95	0.70	1.00
13A-C062	CONDUIT	124.49	0	00:34	0.80	0.73	1.00
13A-C063	CONDUIT	157.57	0	01:49	0.80	0.49	1.00
13A-C064	CONDUIT	710.46	0	00:34	0.73	0.12	0.58
13A-C065	CONDUIT	279.68	0	01:20	1.42	2.38	1.00
13A-C066	CONDUIT	113.57	0	00:35	0.74	0.36	1.00
13A-C067	CONDUIT	122.71	0	00:38	1.43	0.25	1.00
13A-C068	CHANNEL	340.39	0	00:58	0.58	0.18	0.45
13A-C069	CHANNEL	116.77	0	00:32	1.00	0.03	0.45
13A-C070	CONDUIT	43.77	0	00:32	1.08	0.22	0.77
13A-C071	CONDUIT	32.31	0	00:33	0.64	0.12	0.54
13A-C072	CONDUIT	349.03	0	01:02	1.14	0.32	0.59
13A-C073	CONDUIT	340.96	0	01:02	0.92	1.42	0.69
13A-C074	CONDUIT	160.86	0	00:36	1.76	0.56	1.00
13A-C075	CONDUIT	169.42	0	00:33	2.57	0.98	1.00
13A-C076	CONDUIT	191.80	0	00:32	2.71	1.04	1.00
13A-C077	CONDUIT	225.44	0	00:32	2.46	0.61	1.00
13A-C078	CONDUIT	106.54	0	00:32	1.51	0.94	1.00
13A-C079	CONDUIT	138.98	0	00:32	1.97	0.89	1.00
13A-C080	CONDUIT	79.66	0	00:32	1.39	0.67	0.80
13A-C081	CONDUIT	152.67	0	00:39	2.16	1.18	1.00
13A-C083	CONDUIT	303.35	0	00:40	1.96	0.49	0.85
13A-C084	CONDUIT	242.75	0	00:36	1.09	0.57	1.00
13A-C085	CONDUIT	303.82	0	00:40	1.66	1.36	0.88
13A-C088	CONDUIT	162.65	0	00:39	3.74	0.50	0.59
13A-C089	CONDUIT	162.65	0	00:39	3.81	0.96	0.89
13A-C090	CONDUIT	105.89	0	00:32	1.72	0.89	0.89
13A-C091	CONDUIT	182.20	0	00:32	2.18	0.57	0.63
13A-C092	CONDUIT	182.37	0	00:32	2.15	0.63	0.64
13A-C093	CONDUIT	167.86	0	00:33	1.34	1.14	1.00
13A-C094	CONDUIT	178.03	0	00:32	1.52	0.63	0.91
13A-C095	CONDUIT	183.03	0	00:32	2.14	0.62	0.70
13A-C096	CONDUIT	100.41	0	00:42	1.49	1.52	0.91
13A-C097	CONDUIT	145.29	0	00:32	1.16	1.62	1.00
13A-C098	CONDUIT	301.64	0	00:33	1.20	0.38	0.83
13A-C099	CONDUIT	167.30	0	00:34	1.33	1.04	1.00
13A-C100	CONDUIT	86.49	0	00:47	1.22	0.88	1.00
13A-C101	CONDUIT	86.84	0	00:47	0.76	0.57	1.00
13A-C102	CONDUIT	146.05	0	00:32	1.16	0.59	1.00
13A-C106	CONDUIT	398.07	0	00:34	0.84	0.88	0.75
13A-C110	CONDUIT	3924.14	0	00:00	1.81	0.79	0.78
13A-C111	CONDUIT	1283.85	0	00:34	2.41	0.71	0.78
13A-C112	CONDUIT	1138.04	0	00:33	1.81	0.66	0.97
13A-C113	CHANNEL	0.00	0	00:00	0.00	0.00	0.14
13A-C114	CHANNEL	699.56	0	00:32	0.77	1.86	0.79
13A-C115	CHANNEL	561.33	0	00:34	0.67	0.20	0.86
13A-C116	CONDUIT	455.80	0	00:33	0.91	1.09	1.00
13A-C117	CHANNEL	449.43	0	00:33	0.59	0.26	0.72
13A-C118	CONDUIT	200.08	0	00:39	1.02	1.34	1.00
13A-C120	CONDUIT	196.75	0	00:39	1.00	1.12	1.00
13A-C121	CONDUIT	171.63	0	00:39	0.87	0.35	1.00
13A-C122	CONDUIT	54.12	0	00:41	0.63	0.47	1.00
13A-C123	CONDUIT	158.62	0	00:32	0.42	0.15	0.82
13A-C125	CONDUIT	96.84	0	00:34	0.90	1.02	0.86
13A-C126	CONDUIT	97.04	0	00:33	0.91	1.09	0.84
13A-C127	CONDUIT	167.54	0	00:34	1.58	0.44	0.99
13A-C138	CONDUIT	21.26	0	00:31	0.33	0.06	1.00
13A-C139	CONDUIT	98.05	0	00:31	1.39	0.97	1.00
13A-C140	CONDUIT	166.07	0	00:51	1.21	0.89	0.73
13A-C141	CHANNEL	384.02	0	00:33	1.00	0.52	0.84
13A-C142	CONDUIT	666.51	0	00:38	1.17	0.33	0.84
13A-C143	CONDUIT	663.23	0	00:38	1.29	0.96	0.48
13A-C144	CONDUIT	501.83	0	00:00	2.15	0.56	1.00
13A-C145	CONDUIT	559.54	0	00:00	2.85	0.79	1.00
13A-C147	CHANNEL	294.54	0	00:44	0.27	0.09	0.77
13A-C148	CHANNEL	671.84	0	00:37	0.40	0.15	0.85
13A-C149	CHANNEL	889.62	0	00:46	0.67	0.24	0.43
13A-C150	CONDUIT	74.56	0	00:33	0.93	0.22	0.91
13A-C151	CONDUIT	197.76	0	00:31	0.71	0.16	0.84
13A-C152	CONDUIT	266.39	0	00:32	1.74	0.20	0.45
13A-C153	CONDUIT	74.99	0	00:32	1.24	0.24	0.35
13A-C154	CONDUIT	75.02	0	00:32	1.23	0.24	0.35
13A-C155	CONDUIT	75.52	0	00:32	1.10	0.23	0.54
13A-C159	CONDUIT	206.26	0	00:32	0.86	0.15	0.71
13A-C160	CHANNEL	212.75	0	00:32	0.80	0.01	0.13
13A-C162	CONDUIT	484.21	0	00:36	2.50	1.79	0.96
13A-C163	CHANNEL	261.13	0	01:10	0.29	0.04	0.39
13A-C164	CONDUIT	290.94	0	00:52	0.97	0.59	1.00
13A-C165	CONDUIT	116.04	0	00:35	1.20	0.21	1.00
13A-C166	CONDUIT	133.71	0	00:32	1.80	0.57	0.57
13A-C167	CONDUIT	133.56	0	00:32	2.26	0.60	0.78
13A-C174	CONDUIT	120.03	0	00:30	1.19	0.89	1.00
13A-C176	CONDUIT	313.93	0	00:32	1.07	0.33	0.86
13A-C177	CONDUIT	302.06	0	00:33	1.54	1.11	1.00
13A-C179	CONDUIT	397.87	0	00:34	1.63	0.89	0.81
13A-C185	CHANNEL	39.26	0	00:31	0.32	0.13	0.97
13A-C186	CONDUIT	638.24	0	00:32	1.32	0.45	0.86
13A-C187	CHANNEL	480.13	0	00:33	0.82	0.02	0.16
13A-C188	CHANNEL	678.12	0	00:32	0.89	0.49	0.86
13A-C189	CHANNEL	365.66	0	00:37	1.16	1.56	1.00
13A-C190	CHANNEL	304.73	0	00:54	0.33	0.06	0.36
13A-C191	CHANNEL	341.60	0	00:33	0.93	0.12	0.64
13A-C192	CHANNEL	14.04	0	00:52	0.35	0.74	0.95
13A-C193	CHANNEL	360.93	0	00:34	0.69	0.41	0.73
13A-C194	CHANNEL	33.64	0	00:32	0.52	0.05	0.18
13A-C195	CONDUIT	43.93	0	00:32	0.97	0.81	0.90
13A-C204	CHANNEL	497.39	0	00:00	1.01	0.02	0.82
13A-C205	CONDUIT	121.08	0	00:30	1.00	0.69	1.00
13A-C206	CONDUIT	137.72	0	00:28	1.10	17.54	1.00
13A-C207	CONDUIT	116.13	0	00:30	1.11	1.22	1.00
13A-C209	CONDUIT	409.46	0	00:32	2.46	0.64	0.79
13A-C210	CHANNEL	49.76	0	00:55	0.88	0.02	0.31
13A-C211	CONDUIT	304.72	0	00:54	0.83	0.76	1.00
13A-C212	CONDUIT	346.05	0	01:02	1.06	0.99	0.62
13A-C213	CHANNEL	660.39	0	01:06	0.57	0.08	0.52
13A-C214	CHANNEL	666.08	0	00:38	0.81	0.08	0.66
13A-C217	CONDUIT	73.54	0	00:32	3.34	0.37	0.71
13A-C218	CONDUIT	300.75	0	00:41	0.47	0.06	0.47
13A-C219	CONDUIT	89.40	0	00:35	3.09	1.75	1.00
13B-C001	CONDUIT	209.02	0	00:34	3.30	0.85	1.00
13B-C002	CONDUIT	51.11	0	00:31	0.83	0.84	1.00
13B-C003	CONDUIT	56.26	0	00:31	0.80	1.06	1.00
13B-C004	CONDUIT	63.93	0	00:30	0.90	1.02	1.00
13B-C005	CONDUIT	12.09	0	00:54	0.45	0.25	1.00
13B-C006	CONDUIT	261.60	0	01:31	0.60	0.83	1.00
13B-C010	CHANNEL	449.11	0	00:31	0.85	0.27	1.00
13B-C011	CHANNEL	140.21	0	00:32	0.28	0.04	0.62
13B-C012	CONDUIT	197.66	0	00:36	1.57	1.52	1.00
13B-C013	CONDUIT	105.38	0	02:37	0.84	1.74	1.00
13B-C014	CONDUIT	148.55	0	00:31	1.18	1.67	1.00
13B-C015	CONDUIT	27.13	0	00:28	2.53	0.87	1.00
13B-C017	CONDUIT	26.45	0	00:55	2.82	0.79	0.84
13B-C018	CONDUIT	26.15	0	00:33	2.35	0.84	1.00
13B-C019	CONDUIT	40.89	0	00:29	1.38	0.76	1.00
13B-C020	CONDUIT	41.75	0	00:28	1.41	0.90	1.00
13B-C021	CONDUIT	164.40	0	00:31	2.33	1.00	1.00
13B-C022	CONDUIT	126.00	0	00:53	1.82	1.30	1.00
13B-C023	CONDUIT	109.77	0	00:44	2.01	0.40	0.72
13B-C024	CONDUIT	109.77	0	00:44	4.55	0.46	0.53
13B-C025	CONDUIT	109.77	0	00:44	4.17	0.85	0.86
13B-C026	CONDUIT	167.50	0	00:31	2.51	0.75	1.00
13B-C027	CONDUIT	189.51	0	00:32	4.19	0.75	1.00
13B-C028	CONDUIT	216.93	0	00:32	3.11	0.88	1.00
13B-C029	CONDUIT	171.77	0	00:31	2.61	0.83	1.00
13B-C030	CONDUIT	173.83	0	00:30	2.46	1.03	1.00
13B-C031	CONDUIT	89.35	0	00:32	1.63	0.41	0.72
13B-C032	CONDUIT	89.64	0	00:32	2.39	0.45	0.52
13B-C033	CONDUIT	142.31	0	00:32	3.01	0.63	0.63
13B-C034	CONDUIT	126.27	0	00:31	1.79	0.69	1.00
13B-C035	CONDUIT	141.86	0	00:34	2.01	0.92	1.00
13B-C036	CONDUIT	147.14	0	00:31	2.32	0.71	1.00
13B-C037	CONDUIT	133.66	0	00:32	1.89	0.63	1.00
13B-C038	CONDUIT	135.91	0	00:32	2.42	0.64	1.00
13B-C039	CONDUIT	142.03	0	00:32	2.68	0.61	0.81
13B-C040	CONDUIT	141.71	0	00:32	3.05	0.59	0.62
13B-C041	CONDUIT	107.54	0	00:32	2.78	0.47	0.54
13B-C042	CONDUIT	106.97	0	00:32	2.30	0.54	0.76
13B-C043	CONDUIT	92.60	0	00:32	1.56	0.76	1.00
13B-C044	CONDUIT	88.88	0	00:33	1.31	0.68	1.00
13B-C045	CONDUIT	82.70	0	00:33	1.17	1.04	1.00
13B-C046	CONDUIT	107.93	0	00:32	2.87	0.44	0.52
13B-C047	CONDUIT	336.34	0	01:27	1.22	1.41	1.00

13B-C048	CHANNEL	314.16	0	00:43	0.44	0.39	0.79
13B-C049	CHANNEL	348.07	0	00:41	0.61	0.08	0.62
13B-C050	CONDUIT	386.41	0	00:32	1.38	2.13	1.00
13B-C051	CONDUIT	655.63	0	00:48	0.55	0.09	0.49
13B-C052	CONDUIT	124.95	0	01:21	0.99	1.79	1.00
13B-C053	CONDUIT	42.88	0	00:24	2.43	1.10	1.00
13B-C054	CONDUIT	33.34	0	00:20	1.92	1.00	1.00
13B-C055	CONDUIT	32.93	0	01:21	1.87	1.21	1.00
13B-C058	CONDUIT	2.60	0	00:47	0.01	0.00	0.16
13B-C059	CHANNEL	54.58	0	00:32	0.93	0.16	0.38
13B-C060	CHANNEL	18.56	0	00:33	0.17	0.37	0.88
13B-C061	CHANNEL	38.60	0	00:33	0.30	0.14	0.58
13B-C063	CONDUIT	125.66	0	01:21	1.00	0.88	1.00
13B-C064	CONDUIT	225.24	0	00:31	1.79	5.45	1.00
13B-C065	CONDUIT	191.58	0	00:33	1.53	1.06	1.00
13B-C066	CONDUIT	187.60	0	00:40	1.59	1.75	0.89
13B-C068	CONDUIT	335.64	0	00:34	1.81	1.68	0.90
13B-C069	CONDUIT	344.12	0	00:33	1.75	5.08	1.00
13B-C070	CONDUIT	367.70	0	00:32	1.87	5.74	1.00
13B-C077	CONDUIT	311.95	0	00:42	0.56	0.14	1.00
13B-C078	CONDUIT	142.63	0	01:08	2.02	1.92	1.00
13B-C086	CONDUIT	152.16	0	00:30	2.11	2.38	1.00
13B-C087	CHANNEL	655.38	0	00:50	0.83	0.04	0.21
13B-C088	CONDUIT	1.43	0	00:50	0.37	0.00	0.05
13B-C089	CONDUIT	268.63	0	00:33	1.26	0.48	1.00
13B-C090	CONDUIT	40.59	0	00:39	1.30	1.06	1.00
13B-C091	CONDUIT	47.28	0	00:36	1.53	1.03	1.00
13B-C092	CONDUIT	26.84	0	00:28	3.30	0.79	0.83
13B-C094	CONDUIT	169.99	0	00:31	2.41	0.90	1.00
13B-C095	CONDUIT	204.55	0	00:29	2.90	0.87	1.00
13B-C096	CHANNEL	40.99	0	00:33	0.40	0.01	0.50
13B-C097	CHANNEL	270.13	0	00:32	1.28	0.53	0.91
13B-C098	CONDUIT	199.94	0	00:31	1.59	2.74	1.00
13B-C099	CONDUIT	81.82	0	00:32	1.23	1.40	0.87
13B-C100	CONDUIT	78.59	0	00:33	3.17	0.29	0.37
13B-C101	CONDUIT	85.24	0	00:32	1.53	0.74	0.73
13B-C102	CONDUIT	85.09	0	00:32	1.73	0.46	0.77
13B-C104	CHANNEL	0.00	0	00:00	0.00	0.00	0.26
13B-C105	CHANNEL	55.32	0	00:37	0.15	0.04	0.65
13B-C106	CHANNEL	158.27	0	00:33	0.54	0.54	1.00
13B-C107	CONDUIT	148.08	0	00:30	1.11	0.27	1.00
13B-C108	CHANNEL	289.65	0	00:33	0.44	0.14	1.00
13B-C109	CHANNEL	812.04	0	00:37	0.61	0.54	0.73
13B-C110	CHANNEL	11.98	0	00:44	0.22	0.06	0.59
13B-C111	CHANNEL	35.82	0	00:41	0.21	0.70	0.86
13B-C112	CHANNEL	82.90	0	00:36	0.14	0.02	0.67
13B-C113	CHANNEL	1.51	0	00:50	0.43	0.00	0.02
13B-C114	CONDUIT	110.94	0	00:29	1.57	1.05	1.00
13B-C115	CONDUIT	104.31	0	00:30	1.48	1.34	1.00
13B-C116	CONDUIT	248.10	0	01:32	0.88	1.98	1.00
13B-C117	CONDUIT	253.10	0	01:32	0.90	1.55	1.00
13B-C118	CONDUIT	51.78	0	00:33	1.19	0.35	1.00
13B-C119	CONDUIT	117.49	0	01:28	1.05	0.53	1.00
13B-C121	CHANNEL	2.73	0	00:00	0.08	0.00	0.05
13B-P001	PUMP	516.78	0	00:35			

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Flow Classification Summary
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Conduit	Adjusted /Actual Length	Dry	Up Dry	Down Dry	Sub Crit	Sup Crit	Up Crit	Down Crit	Avg. Froude Number	Avg. Flow Change
13A-C001	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.0001
13A-C002	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.0000
13A-C003	1.00	0.00	0.02	0.00	0.07	0.00	0.90	0.00	0.02	0.0000
13A-C009	1.00	0.02	0.00	0.00	0.97	0.00	0.00	0.00	0.44	0.0000
13A-C010	1.00	0.02	0.00	0.00	0.97	0.00	0.00	0.01	0.02	0.0001
13A-C011	1.00	0.02	0.00	0.00	0.97	0.00	0.00	0.01	0.02	0.0008
13A-C012	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.02	0.0001
13A-C013	1.00	0.02	0.35	0.00	0.64	0.00	0.00	0.00	0.01	0.0001
13A-C014	1.00	0.02	0.00	0.00	0.63	0.00	0.00	0.35	0.02	0.0001
13A-C015	1.00	0.02	0.00	0.00	0.93	0.05	0.00	0.00	0.14	0.0000
13A-C016	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.45	0.0000
13A-C017	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.31	0.0000
13A-C018	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.02	0.0001
13A-C021	1.00	0.02	0.01	0.00	0.97	0.00	0.00	0.00	0.51	0.0000
13A-C022	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.48	0.0000
13A-C023	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.50	0.0000
13A-C024	1.00	0.02	0.65	0.00	0.25	0.08	0.00	0.00	0.11	0.0000
13A-C025	1.00	0.02	0.00	0.00	0.28	0.00	0.00	0.70	0.05	0.0000
13A-C026	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.02	0.0001
13A-C027	1.00	0.02	0.00	0.00	0.07	0.00	0.00	0.91	0.29	0.0000
13A-C028	1.00	0.02	0.00	0.00	0.04	0.01	0.00	0.93	0.44	0.0000
13A-C029	1.00	0.02	0.68	0.00	0.15	0.14	0.00	0.00	0.41	0.0000
13A-C030	1.00	0.02	0.00	0.00	0.01	0.01	0.00	0.96	0.56	0.0000
13A-C031	1.00	0.02	0.00	0.00	0.83	0.16	0.00	0.00	0.34	0.0000
13A-C032	1.00	0.02	0.00	0.00	0.01	0.01	0.00	0.95	0.40	0.0000
13A-C033	1.00	0.02	0.80	0.00	0.10	0.08	0.00	0.00	0.14	0.0000
13A-C034	1.00	0.93	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
13A-C036	1.00	0.02	0.00	0.00	0.20	0.00	0.00	0.78	0.43	0.0000
13A-C037	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.07	0.0000
13A-C038	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.02	0.0000
13A-C039	1.00	0.02	0.01	0.00	0.97	0.00	0.00	0.00	0.21	0.0000
13A-C041	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.25	0.0000
13A-C042	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.13	0.0000
13A-C045	1.00	0.02	0.61	0.00	0.37	0.00	0.00	0.00	0.07	0.0000
13A-C047	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.27	0.0000
13A-C048	1.00	0.02	0.44	0.00	0.54	0.00	0.00	0.00	0.00	0.0000
13A-C049	1.00	0.02	0.43	0.00	0.54	0.00	0.00	0.01	0.08	0.0000
13A-C050	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.01	0.0000
13A-C051	1.00	0.03	0.00	0.00	0.18	0.00	0.00	0.79	0.15	0.0000
13A-C052	1.00	0.03	0.28	0.00	0.69	0.00	0.00	0.00	0.09	0.0000
13A-C053	1.00	0.03	0.00	0.00	0.69	0.00	0.00	0.28	0.19	0.0000
13A-C054	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.24	0.0000
13A-C055	1.00	0.03	0.00	0.00	0.97	0.00	0.01	0.00	0.04	0.0000
13A-C056	1.00	0.02	0.00	0.00	0.97	0.00	0.00	0.00	0.04	0.0000
13A-C057	1.00	0.02	0.01	0.00	0.97	0.00	0.00	0.00	0.01	0.0000
13A-C058	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.18	0.0000
13A-C059	1.00	0.02	0.00	0.00	0.97	0.00	0.01	0.00	0.18	0.0000
13A-C060	1.00	0.02	0.00	0.00	0.97	0.00	0.00	0.00	0.02	0.0000
13A-C061	1.00	0.02	0.00	0.00	0.94	0.00	0.00	0.04	0.23	0.0000
13A-C062	1.00	0.02	0.00	0.00	0.97	0.00	0.00	0.01	0.17	0.0000
13A-C063	1.00	0.03	0.05	0.00	0.92	0.00	0.00	0.00	0.01	0.0001
13A-C064	1.00	0.02	0.00	0.00	0.97	0.01	0.00	0.00	0.07	0.0000
13A-C065	1.00	0.03	0.00	0.00	0.96	0.00	0.00	0.01	0.02	0.0001
13A-C066	1.00	0.03	0.00	0.00	0.91	0.00	0.00	0.06	0.17	0.0001
13A-C067	1.00	0.02	0.00	0.00	0.83	0.13	0.00	0.02	0.47	0.0000
13A-C068	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.23	0.0000
13A-C069	1.00	0.02	0.00	0.00	0.97	0.01	0.00	0.00	0.03	0.0000
13A-C070	1.00	0.02	0.00	0.00	0.31	0.00	0.00	0.66	0.05	0.0000
13A-C071	1.00	0.02	0.00	0.00	0.97	0.00	0.00	0.00	0.03	0.0000
13A-C072	1.00	0.02	0.00	0.00	0.97	0.00	0.00	0.01	0.66	0.0000
13A-C073	1.00	0.02	0.00	0.00	0.58	0.00	0.00	0.40	0.43	0.0000
13A-C074	1.00	0.02	0.65	0.00	0.23	0.10	0.00	0.00	0.23	0.0000
13A-C075	1.00	0.02	0.00	0.00	0.19	0.13	0.00	0.65	0.34	0.0000
13A-C076	1.00	0.02	0.66	0.00	0.25	0.07	0.00	0.00	0.10	0.0000
13A-C077	1.00	0.02	0.00	0.00	0.01	0.00	0.00	0.97	0.28	0.0000
13A-C078	1.00	0.02	0.58	0.00	0.39	0.00	0.00	0.00	0.10	0.0000
13A-C079	1.00	0.02	0.00	0.00	0.23	0.17	0.00	0.59	0.27	0.0000
13A-C080	1.00	0.02	0.00	0.00	0.04	0.00	0.00	0.94	0.33	0.0000
13A-C081	1.00	0.02	0.00	0.00	0.04	0.04	0.00	0.90	0.35	0.0000
13A-C083	1.00	0.01	0.56	0.00	0.41	0.02	0.00	0.00	0.07	0.0000
13A-C084	1.00	0.02	0.66	0.00	0.32	0.00	0.00	0.00	0.06	0.0000
13A-C085	1.00	0.02	0.00	0.00	0.29	0.00	0.00	0.69	0.22	0.0000
13A-C088	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.65	0.0000
13A-C089	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.54	0.0000
13A-C090	1.00	0.89	0.00	0.00	0.04	0.01	0.00	0.07	0.14	0.0000
13A-C091	1.00	0.02	0.00	0.00	0.79	0.19	0.00	0.00	0.34	0.0000
13A-C092	1.00	0.02	0.00	0.00	0.79	0.12	0.00	0.07	0.32	0.0000
13A-C093	1.00	0.02	0.59	0.00	0.38	0.00	0.00	0.01	0.16	0.0000
13A-C094	1.00	0.02	0.00	0.00	0.30	0.09	0.00	0.59	0.23	0.0000
13A-C095	1.00	0.02	0.00	0.00	0.79	0.19	0.00	0.00	0.34	0.0000
13A-C096	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.29	0.0000
13A-C097	1.00	0.02	0.00	0.00	0.09	0.00	0.89	0.00	0.06	0.0001
13A-C098	1.00	0.00	0.02	0.00	0.96	0.01	0.00	0.01	0.25	0.0000
13A-C099	1.00	0.02	0.00	0.00	0.07	0.00	0.00	0.91	0.28	0.0000
13A-C100	1.00	0.02	0.55	0.00	0.43	0.00	0.00	0.00	0.05	0.0000
13A-C101	1.00	0.02	0.00	0.00	0.93	0.00	0.05	0.00	0.04	0.0000
13A-C102	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.07	0.0000
13A-C106	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.0002
13A-C110	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.0001
13A-C111	1.00	0.00	0.00	0.00	0.96	0.01	0.00	0.03	0.08	0.0001
13A-C112	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.07	0.0000
13A-C113	1.00	0.53	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
13A-C114	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.15	0.0001
13A-C115	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.05	0.0000
13A-C116	1.00	0.02	0.00	0.00	0.97	0.00	0.00	0.01	0.09	0.0000
13A-C117	1.00	0.00	0.51	0.00	0.48	0.00	0.00	0.00	0.05	0.0000
13A-C118	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.07	0.0000
13A-C120	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.22	0.0000
13A-C121	1.00	0.02	0.00	0.00	0.08	0.01	0.00	0.89	0.70	0.0000
13A-C122	1.00	0.02	0.00	0.00	0.03	0.00	0.00	0.95	0.20	0.0000

13A-C123	1.00	0.00	0.96	0.00	0.02	0.00	0.01	0.00	0.00	0.0000
13A-C125	1.00	0.02	0.00	0.00	0.54	0.00	0.00	0.44	0.18	0.0000
13A-C126	1.00	0.02	0.00	0.00	0.04	0.00	0.00	0.94	0.18	0.0000
13A-C127	1.00	0.02	0.00	0.00	0.06	0.03	0.00	0.89	0.53	0.0000
13A-C138	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.0000
13A-C139	1.00	0.02	0.00	0.00	0.03	0.06	0.00	0.89	0.33	0.0000
13A-C140	1.00	0.76	0.00	0.00	0.06	0.00	0.06	0.13	0.16	0.0000
13A-C141	1.00	0.02	0.00	0.00	0.04	0.00	0.00	0.95	0.46	0.0000
13A-C142	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.21	0.0000
13A-C143	1.00	0.04	0.00	0.00	0.95	0.00	0.00	0.01	0.40	0.0000
13A-C144	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.0000
13A-C145	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.0000
13A-C147	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.01	0.0000
13A-C148	1.00	0.03	0.01	0.00	0.96	0.00	0.00	0.00	0.07	0.0000
13A-C149	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.06	0.0000
13A-C150	1.00	0.02	0.00	0.00	0.07	0.00	0.00	0.90	0.26	0.0000
13A-C151	1.00	0.00	0.64	0.00	0.36	0.00	0.00	0.00	0.03	0.0000
13A-C152	1.00	0.64	0.13	0.00	0.15	0.07	0.00	0.01	0.17	0.0000
13A-C153	1.00	0.02	0.00	0.00	0.26	0.06	0.00	0.66	0.19	0.0000
13A-C154	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.24	0.0000
13A-C155	1.00	0.02	0.64	0.00	0.28	0.06	0.00	0.00	0.17	0.0000
13A-C159	1.00	0.00	0.05	0.00	0.94	0.00	0.00	0.00	0.04	0.0000
13A-C160	1.00	0.02	0.00	0.00	0.25	0.73	0.00	0.00	1.16	0.0000
13A-C162	1.00	0.00	0.00	0.00	0.91	0.00	0.00	0.08	0.10	0.0002
13A-C163	1.00	0.03	0.01	0.00	0.96	0.00	0.00	0.00	0.19	0.0000
13A-C164	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.01	0.0000
13A-C165	1.00	0.02	0.00	0.00	0.96	0.01	0.00	0.00	0.36	0.0000
13A-C166	1.00	0.02	0.00	0.00	0.05	0.02	0.00	0.91	0.30	0.0000
13A-C167	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.47	0.0000
13A-C174	1.00	0.03	0.00	0.00	0.17	0.00	0.00	0.80	0.46	0.0000
13A-C176	1.00	0.02	0.00	0.00	0.84	0.09	0.00	0.05	0.62	0.0000
13A-C177	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.11	0.0000
13A-C179	1.00	0.00	0.01	0.00	0.85	0.00	0.00	0.14	0.16	0.0000
13A-C185	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.13	0.0000
13A-C186	1.00	0.00	0.00	0.00	0.05	0.00	0.00	0.94	0.59	0.0000
13A-C187	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.35	0.0000
13A-C188	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.36	0.0000
13A-C189	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.10	0.0006
13A-C190	1.00	0.03	0.01	0.00	0.97	0.00	0.00	0.00	0.02	0.0000
13A-C191	1.00	0.00	0.53	0.00	0.47	0.00	0.00	0.00	0.02	0.0000
13A-C192	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.03	0.0000
13A-C193	1.00	0.02	0.00	0.00	0.28	0.00	0.00	0.70	0.25	0.0000
13A-C194	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.69	0.0000
13A-C195	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.21	0.0000
13A-C204	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.0000
13A-C205	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.04	0.0000
13A-C206	1.00	0.02	0.00	0.00	0.97	0.00	0.00	0.01	0.02	0.0008
13A-C207	1.00	0.03	0.00	0.00	0.18	0.00	0.00	0.79	0.30	0.0001
13A-C209	1.00	0.02	0.50	0.00	0.44	0.03	0.00	0.00	0.11	0.0000
13A-C210	1.00	0.02	0.00	0.00	0.86	0.12	0.00	0.00	0.24	0.0000
13A-C211	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.03	0.0000
13A-C212	1.00	0.02	0.00	0.00	0.49	0.00	0.00	0.49	0.50	0.0000
13A-C213	1.00	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.07	0.0000
13A-C214	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.22	0.0000
13A-C217	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.52	0.0000
13A-C218	1.00	0.01	0.01	0.00	0.99	0.00	0.00	0.00	0.01	0.0000
13A-C219	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.29	0.0001
13B-C001	1.00	0.02	0.00	0.00	0.01	0.00	0.00	0.97	0.51	0.0000
13B-C002	1.00	0.02	0.00	0.00	0.23	0.00	0.00	0.75	0.08	0.0000
13B-C003	1.00	0.02	0.00	0.00	0.17	0.00	0.00	0.81	0.11	0.0000
13B-C004	1.00	0.02	0.57	0.00	0.41	0.00	0.00	0.00	0.05	0.0000
13B-C005	1.00	0.02	0.02	0.00	0.11	0.00	0.00	0.85	0.00	0.0001
13B-C006	1.00	0.02	0.01	0.00	0.31	0.00	0.66	0.00	0.06	0.0001
13B-C010	1.00	0.02	0.67	0.00	0.31	0.00	0.00	0.00	0.03	0.0000
13B-C011	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.01	0.0000
13B-C012	1.00	0.02	0.60	0.00	0.28	0.00	0.10	0.00	0.00	0.0001
13B-C013	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.01	0.0001
13B-C014	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.05	0.0001
13B-C015	1.00	0.02	0.00	0.00	0.89	0.09	0.00	0.00	0.27	0.0000
13B-C017	1.00	0.02	0.00	0.00	0.83	0.07	0.00	0.08	0.37	0.0000
13B-C018	1.00	0.02	0.00	0.00	0.91	0.07	0.00	0.00	0.16	0.0000
13B-C019	1.00	0.02	0.00	0.00	0.88	0.09	0.00	0.00	0.20	0.0000
13B-C020	1.00	0.02	0.00	0.00	0.90	0.00	0.08	0.00	0.04	0.0000
13B-C021	1.00	0.02	0.00	0.00	0.02	0.01	0.00	0.95	0.44	0.0000
13B-C022	1.00	0.02	0.00	0.00	0.05	0.00	0.00	0.93	0.30	0.0000
13B-C023	1.00	0.02	0.63	0.00	0.17	0.18	0.00	0.00	0.34	0.0000
13B-C024	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	1.11	0.0000
13B-C025	1.00	0.02	0.00	0.00	0.70	0.16	0.00	0.11	0.90	0.0000
13B-C026	1.00	0.02	0.00	0.00	0.75	0.14	0.00	0.09	0.45	0.0000
13B-C027	1.00	0.02	0.00	0.00	0.80	0.18	0.00	0.00	0.57	0.0000
13B-C028	1.00	0.02	0.00	0.00	0.82	0.16	0.00	0.00	0.44	0.0000
13B-C029	1.00	0.02	0.00	0.00	0.75	0.15	0.00	0.08	0.46	0.0000
13B-C030	1.00	0.02	0.00	0.00	0.79	0.12	0.00	0.07	0.38	0.0000
13B-C031	1.00	0.02	0.00	0.00	0.84	0.14	0.00	0.00	0.22	0.0000
13B-C032	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.38	0.0000
13B-C033	1.00	0.02	0.00	0.00	0.84	0.12	0.00	0.02	0.38	0.0000
13B-C034	1.00	0.02	0.68	0.00	0.25	0.05	0.00	0.00	0.13	0.0000
13B-C035	1.00	0.02	0.00	0.00	0.19	0.05	0.00	0.74	0.23	0.0000
13B-C036	1.00	0.02	0.00	0.00	0.02	0.01	0.00	0.95	0.39	0.0000
13B-C037	1.00	0.02	0.72	0.00	0.12	0.14	0.00	0.00	0.29	0.0000
13B-C038	1.00	0.02	0.00	0.00	0.10	0.15	0.00	0.73	0.37	0.0000
13B-C039	1.00	0.02	0.00	0.00	0.82	0.16	0.00	0.00	0.39	0.0000
13B-C040	1.00	0.02	0.00	0.00	0.83	0.15	0.00	0.00	0.41	0.0000
13B-C041	1.00	0.02	0.76	0.00	0.09	0.12	0.00	0.00	0.33	0.0000
13B-C042	1.00	0.02	0.00	0.00	0.00	0.01	0.00	0.96	0.37	0.0000
13B-C043	1.00	0.02	0.00	0.00	0.01	0.00	0.00	0.96	0.25	0.0000
13B-C044	1.00	0.02	0.68	0.00	0.28	0.02	0.00	0.00	0.07	0.0000
13B-C045	1.00	0.02	0.00	0.00	0.14	0.00	0.00	0.83	0.10	0.0000
13B-C046	1.00	0.02	0.00	0.00	0.10	0.12	0.00	0.76	0.35	0.0000
13B-C047	1.00	0.02	0.00	0.00	0.16	0.00	0.00	0.83	0.34	0.0001
13B-C048	1.00	0.01	0.01	0.00	0.98	0.00	0.00	0.00	0.02	0.0000
13B-C049	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.03	0.0000
13B-C050	1.00	0.02	0.00	0.00	0.97	0.00	0.00	0.01	0.08	0.0001
13B-C051	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.01	0.07	0.0000
13B-C052	1.00	0.02	0.00	0.00	0.97	0.00	0.00	0.01	0.22	0.0002
13B-C053	1.00	0.02	0.00	0.00	0.72	0.26	0.00	0.01	0.46	0.0000
13B-C054	1.00	0.02	0.00	0.00	0.52	0.22	0.00	0.23	0.38	0.0000
13B-C055	1.00	0.02	0.23	0.00	0.75	0.00	0.00	0.00	0.02	0.0000
13B-C058	1.00	0.02	0.89	0.00	0.09	0.00	0.00	0.00	0.00	0.0000
13B-C059	1.00	0.02	0.00	0.00	0.97	0.01	0.00	0.00	0.08	0.0000
13B-C060	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.01	0.0000
13B-C061	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.02	0.0000
13B-C063	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.19	0.0001
13B-C064	1.00	0.02	0.00	0.00	0.97	0.00	0.00	0.01	0.13	0.0002
13B-C065	1.00	0.02	0.00	0.00	0.97	0.00	0.00	0.01	0.42	0.0000
13B-C066	1.00	0.02	0.00	0.00	0.69	0.00	0.00	0.28	0.21	0.0001
13B-C068	1.00	0.02	0.00	0.00	0.93	0.00	0.00	0.05	0.07	0.0001
13B-C069	1.00	0.02	0.00	0.00	0.97	0.00	0.00	0.01	0.07	0.0002
13B-C070	1.00	0.02	0.17	0.00	0.80	0.00	0.00	0.01	0.05	0.0002
13B-C077	1.00	0.02	0.01	0.00	0.97	0.00	0.00	0.00	0.01	0.0000
13B-C078	1.00	0.02	0.00	0.00	0.13	0.00	0.00	0.85	0.20	0.0001
13B-C086	1.00	0.02	0.00	0.00	0.18	0.00	0.00	0.80	0.26	0.0001
13B-C087	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.14	0.0000
13B-C088	1.00	0.00	0.51	0.00	0.49	0.00	0.00	0.00	0.02	0.0000
13B-C089	1.00	0.56	0.00	0.00	0.31	0.00	0.00	0.12	0.05	0.0000
13B-C090	1.00	0.02	0.00	0.00	0.89	0.04	0.00	0.06	0.21	0.0000
13B-C091	1.00	0.02	0.00	0.00	0.01	0.00	0.00	0.97	0.34	0.0000
13B-C092	1.00	0.02	0.00	0.00	0.00	0.07	0.00	0.91	0.53	0.0000
13B-C094	1.00	0.02	0.00	0.00	0.29	0.10	0.00	0.59	0.21	0.0000
13B-C095	1.00	0.02	0.58	0.00	0.31	0.08	0.00	0.00	0.19	0.0000
13B-C096	1.00	0.02	0.00	0.00	0.97	0.01	0.00	0.00	0.02	0.0000
13B-C097	1.00	0.02	0.00	0.00	0.97	0.01	0.00	0.00	0.38	0.0000
13B-C098	1.00	0.02	0.00	0.00	0.91	0.00	0.00	0.07	0.30	0.0001
13B-C099	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.20	0.0000
13B-C100	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.84	0.0000
13B-C101	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.26	0.0000
13B-C102	1.00	0.02	0.00	0.00	0.00	0.02	0.00	0.96	0.38	0.0000
13B-C104	1.00	0.06	0.94	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
13B-C105	1.00	0.04	0.01	0.00	0.94	0.00	0.00	0.00	0.01	0.0000
13B-C106	1.00	0.03	0.01	0.00	0.96	0.00	0.00	0.00	0.01	0.0000
13B-C107	1.00	0.02	0.20	0.00	0.78	0.00	0.00	0.00	0.06	0.0000
13B-C108	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.02	0.0000
13B-C109	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.04	0.0000
13B-C110	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.07	0.0000
13B-C111	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.11	0.0000
13B-C112	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.01	0.0000
13B-C113	1.00	0.08	0.36	0.00	0.52	0.04	0.00	0.00	0.18	0.0000
13B-C114	1.00	0.02	0.00	0.00	0.07	0.00	0.00	0.91	0.22	0.0000
13B-C115	1.00	0.02	0.00	0.00	0.16	0.00	0.00	0.82	0.11	0.0001
13B-C116	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.05	0.0001
13B-C117	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.05	0.0001
13B-C118	1.00	0.02	0.00	0.00	0.28	0.00	0.00	0.69	0.15	0.0000
13B-C119	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.28	0.0000
13B-C121	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.0000

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Conduit Surcharge Summary
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Conduit	Hours Full: Both Ends	Hours Full: Upstream	Hours Full: Dnstream	Hours Above Full Normal Flow	Hours Capacity Limited
13A-C001	0.01	0.01	0.01	0.01	0.01

13A-C002	0.15	0.15	0.15	0.01	0.01
13A-C003	0.15	0.15	0.15	0.01	0.01
13A-C009	1.28	1.28	1.28	0.01	0.01
13A-C010	0.99	0.99	0.99	0.96	0.89
13A-C011	1.01	1.01	1.01	1.05	0.96
13A-C012	1.02	1.02	1.02	0.61	0.88
13A-C013	1.15	1.15	1.15	0.81	0.90
13A-C014	0.87	0.87	0.87	0.01	0.09
13A-C018	0.95	0.95	0.95	0.96	0.85
13A-C026	0.42	0.42	0.42	0.52	0.42
13A-C027	0.04	0.04	0.04	0.39	0.04
13A-C028	0.24	0.24	0.24	0.01	0.01
13A-C029	0.20	0.20	0.20	0.01	0.01
13A-C030	0.12	0.12	0.12	0.01	0.01
13A-C048	1.51	1.51	1.51	0.01	0.01
13A-C050	0.07	0.07	0.07	0.01	0.01
13A-C051	0.06	0.06	0.06	0.01	0.01
13A-C057	0.07	0.07	0.07	0.01	0.01
13A-C058	0.46	0.46	0.46	0.01	0.10
13A-C059	0.07	0.07	0.07	0.01	0.01
13A-C060	0.07	0.07	0.07	0.01	0.01
13A-C061	0.99	0.99	0.99	0.01	0.01
13A-C062	0.66	0.66	0.66	0.01	0.06
13A-C063	1.63	1.63	1.63	0.01	0.01
13A-C065	1.68	1.68	1.68	1.68	1.65
13A-C066	1.53	1.53	1.53	0.01	0.01
13A-C067	1.25	1.25	1.25	0.01	0.01
13A-C073	0.01	0.01	0.01	0.51	0.01
13A-C074	0.12	0.12	0.12	0.01	0.01
13A-C075	0.11	0.11	0.11	0.01	0.08
13A-C076	0.11	0.11	0.11	0.02	0.08
13A-C077	0.06	0.06	0.06	0.01	0.01
13A-C078	0.15	0.15	0.15	0.01	0.01
13A-C079	0.05	0.05	0.05	0.01	0.02
13A-C081	0.21	0.21	0.21	0.15	0.18
13A-C084	0.22	0.22	0.22	0.01	0.01
13A-C085	0.01	0.01	0.01	0.35	0.01
13A-C093	0.10	0.10	0.10	0.13	0.10
13A-C096	0.01	0.01	0.01	0.73	0.01
13A-C097	0.10	0.10	0.10	0.44	0.01
13A-C099	0.04	0.04	0.04	0.06	0.04
13A-C100	0.41	0.41	0.41	0.01	0.12
13A-C101	0.14	0.14	0.14	0.01	0.01
13A-C102	0.14	0.14	0.14	0.01	0.01
13A-C114	0.01	0.01	0.01	0.13	0.01
13A-C116	1.46	1.46	1.46	0.15	0.40
13A-C118	0.18	0.18	0.18	0.16	0.13
13A-C120	0.20	0.20	0.20	0.10	0.15
13A-C121	0.13	0.13	0.13	0.01	0.01
13A-C122	0.09	0.09	0.09	0.01	0.01
13A-C125	0.01	0.01	0.01	0.10	0.01
13A-C126	0.01	0.01	0.01	0.11	0.01
13A-C138	1.70	1.70	1.70	0.01	0.01
13A-C139	0.11	0.11	0.11	0.01	0.11
13A-C144	14.97	14.97	14.97	0.01	0.01
13A-C145	15.00	15.00	15.00	0.01	0.01
13A-C162	0.01	0.01	0.01	0.33	0.01
13A-C164	1.53	1.53	1.53	0.01	0.57
13A-C165	1.41	1.41	1.41	0.01	0.01
13A-C174	0.85	0.85	0.85	0.01	0.01
13A-C177	0.32	0.32	0.32	0.13	0.24
13A-C189	0.04	0.04	0.07	0.34	0.04
13A-C205	0.85	0.85	0.85	0.01	0.01
13A-C206	1.03	1.03	1.03	1.05	0.96
13A-C207	1.39	1.39	1.39	0.06	0.74
13A-C219	0.25	0.25	0.25	0.26	0.25
13B-C001	0.09	0.09	0.09	0.01	0.05
13B-C002	0.93	0.93	0.93	0.01	0.01
13B-C003	0.70	0.70	0.70	0.02	0.40
13B-C004	0.44	0.44	0.44	0.01	0.04
13B-C005	0.39	0.39	0.39	0.01	0.01
13B-C006	0.88	0.88	0.88	0.01	0.01
13B-C010	0.59	0.59	0.59	0.01	0.01
13B-C012	2.41	2.41	2.41	0.40	0.01
13B-C013	2.41	2.41	2.41	2.02	0.01
13B-C014	2.41	2.41	2.41	1.87	1.70
13B-C015	0.43	0.43	0.43	0.01	0.38
13B-C018	0.46	0.46	0.46	0.01	0.43
13B-C019	0.19	0.19	0.19	0.01	0.01
13B-C020	0.19	0.19	0.19	0.01	0.01
13B-C021	0.12	0.12	0.12	0.01	0.09
13B-C022	0.42	0.42	0.42	0.27	0.19
13B-C026	0.21	0.21	0.21	0.01	0.01
13B-C027	0.12	0.12	0.12	0.01	0.01
13B-C028	0.08	0.08	0.08	0.01	0.06
13B-C029	0.21	0.21	0.21	0.01	0.20
13B-C030	0.22	0.22	0.22	0.07	0.21
13B-C034	0.59	0.59	0.59	0.01	0.01
13B-C035	0.22	0.22	0.22	0.01	0.16
13B-C036	0.17	0.17	0.17	0.01	0.15
13B-C037	0.08	0.08	0.08	0.01	0.01
13B-C038	0.01	0.01	0.01	0.01	0.01
13B-C043	0.07	0.07	0.07	0.01	0.01
13B-C044	0.10	0.10	0.10	0.01	0.01
13B-C045	0.55	0.55	0.55	0.04	0.09
13B-C047	0.82	0.82	0.82	1.26	0.82
13B-C050	0.73	0.73	0.73	1.10	0.73
13B-C052	2.13	2.13	2.14	2.18	1.80
13B-C053	0.76	0.76	0.76	0.09	0.12
13B-C054	0.98	0.98	0.98	0.01	0.39
13B-C055	1.08	1.08	1.08	0.66	0.97
13B-C063	2.13	2.13	2.14	0.01	0.01
13B-C064	2.31	2.31	2.31	2.71	2.31
13B-C065	1.05	1.05	1.05	0.16	0.60
13B-C066	0.01	0.01	0.01	1.97	0.01
13B-C068	0.01	0.01	0.01	0.17	0.01
13B-C069	0.14	0.14	0.14	0.50	0.14
13B-C070	0.22	0.22	0.22	0.53	0.22
13B-C077	0.91	0.91	0.91	0.01	0.01
13B-C078	0.92	0.92	0.92	1.14	0.92
13B-C086	1.48	1.48	1.48	2.44	1.48
13B-C089	0.92	0.92	0.92	0.01	0.01
13B-C090	0.13	0.13	0.13	0.25	0.05
13B-C091	0.09	0.09	0.09	0.01	0.01
13B-C094	0.18	0.18	0.18	0.01	0.01
13B-C095	0.46	0.46	0.46	0.01	0.01
13B-C098	1.05	1.05	1.05	2.53	1.05
13B-C099	0.01	0.01	0.01	0.07	0.01
13B-C106	1.33	1.33	1.33	0.01	0.01
13B-C107	1.39	1.39	1.39	0.01	0.01
13B-C108	0.26	0.26	0.26	0.01	0.01
13B-C114	0.61	0.61	0.61	0.03	0.60
13B-C115	0.65	0.65	0.65	0.66	0.62
13B-C116	1.27	1.27	1.27	1.49	0.62
13B-C117	1.17	1.17	1.17	0.79	0.52
13B-C118	1.12	1.12	1.12	0.01	0.01
13B-C119	1.39	1.39	1.39	0.01	0.01

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Pumping Summary
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Pump	Percent Utilized	Max Flow LPS	Avg Flow LPS	Total Volume 10^6 ltr	Power Usage Kw-hr	% Time Off Curve
13B-P001	44.73	516.78	92.90	1.593	7.76	0.00

Analysis begun on: Tue Jun 23 10:29:50 2009
Analysis ended on: Tue Jun 23 10:32:34 2009
Total elapsed time: 00:02:44

Tr = 10 anni

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  EPA STORM WATER MANAGEMENT MODEL - VERSION 5.0 (Build 5.0.015)
  --------------------------------------------------------------

  Sistema Fognario MONTALLESE
  CN2, Beta 0.20
  Maggio 2009

  ***********************************************************
  NOTE: The summary statistics displayed in this report are
  based on results found at every computational time step,
  not just on results from each reporting time step.
  ***********************************************************

  ****************
  Analysis Options
  ****************
  Flow Units ............... LPS
  Process Models:
    Rainfall/Runoff ........ YES
    Snowmelt ............... NO
    Groundwater ............ NO
    Flow Routing ........... YES
    Water Quality .......... NO
  Infiltration Method ...... CURVE_NUMBER
  Flow Routing Method ...... DYNWAVE
  Starting Date ............ APR-01-2012 12:00:00
  Ending Date .............. APR-02-2012 03:00:00
  Antecedent Dry Days ...... 0.0
  Report Time Step ......... 00:01:00
  Wet Time Step ............ 00:05:00
  Dry Time Step ............ 01:00:00
  Routing Time Step ........ 1.00 sec

  WARNING 04: minimum elevation drop used for Conduit 13A-C011
Link 13A-C036, Lfactor = 1.000000, n = 0.035000
Link 13A-C037, Lfactor = 1.000000, n = 0.035000
Link 13A-C038, Lfactor = 1.000000, n = 0.035000
Link 13A-C039, Lfactor = 1.000000, n = 0.035000
Link 13A-C041, Lfactor = 1.000000, n = 0.035000
Link 13A-C042, Lfactor = 1.000000, n = 0.035000
Link 13A-C045, Lfactor = 1.000000, n = 0.035000
Link 13A-C047, Lfactor = 1.000000, n = 0.035000
Link 13A-C068, Lfactor = 1.000000, n = 0.035000
Link 13A-C069, Lfactor = 1.000000, n = 0.035000
Link 13A-C113, Lfactor = 1.000000, n = 0.035000
Link 13A-C114, Lfactor = 1.000000, n = 0.035000
Link 13A-C115, Lfactor = 1.000000, n = 0.035000
Link 13A-C117, Lfactor = 1.000000, n = 0.035000
Link 13A-C141, Lfactor = 1.000000, n = 0.035000
Link 13A-C147, Lfactor = 1.000000, n = 0.035000
Link 13A-C148, Lfactor = 1.000000, n = 0.035000
Link 13A-C149, Lfactor = 1.000000, n = 0.035000
Link 13A-C160, Lfactor = 1.000000, n = 0.035000
Link 13A-C163, Lfactor = 1.000000, n = 0.035000
Link 13A-C185, Lfactor = 1.000000, n = 0.035000
Link 13A-C187, Lfactor = 1.000000, n = 0.035000
Link 13A-C188, Lfactor = 1.000000, n = 0.035000
Link 13A-C189, Lfactor = 1.000000, n = 0.035000
Link 13A-C190, Lfactor = 1.000000, n = 0.035000
Link 13A-C191, Lfactor = 1.000000, n = 0.035000
Link 13A-C192, Lfactor = 1.000000, n = 0.035000
Link 13A-C193, Lfactor = 1.000000, n = 0.035000
Link 13A-C194, Lfactor = 1.000000, n = 0.035000
Link 13A-C204, Lfactor = 1.000000, n = 0.035000
  WARNING 04: minimum elevation drop used for Conduit 13A-C206
Link 13A-C210, Lfactor = 1.000000, n = 0.035000
Link 13A-C213, Lfactor = 1.000000, n = 0.035000
Link 13A-C214, Lfactor = 1.000000, n = 0.035000
Link 13B-C010, Lfactor = 1.000000, n = 0.035000
Link 13B-C011, Lfactor = 1.000000, n = 0.035000
Link 13B-C048, Lfactor = 1.000000, n = 0.035000
Link 13B-C049, Lfactor = 1.000000, n = 0.035000
Link 13B-C059, Lfactor = 1.000000, n = 0.035000
Link 13B-C060, Lfactor = 1.000000, n = 0.035000
Link 13B-C061, Lfactor = 1.000000, n = 0.035000
Link 13B-C087, Lfactor = 1.000000, n = 0.035000
Link 13B-C096, Lfactor = 1.000000, n = 0.035000
Link 13B-C097, Lfactor = 1.000000, n = 0.035000
Link 13B-C104, Lfactor = 1.000000, n = 0.035000
Link 13B-C105, Lfactor = 1.000000, n = 0.035000
Link 13B-C106, Lfactor = 1.000000, n = 0.035000
Link 13B-C108, Lfactor = 1.000000, n = 0.035000
Link 13B-C109, Lfactor = 1.000000, n = 0.035000
Link 13B-C110, Lfactor = 1.000000, n = 0.035000
Link 13B-C111, Lfactor = 1.000000, n = 0.035000
Link 13B-C112, Lfactor = 1.000000, n = 0.035000
Link 13B-C113, Lfactor = 1.000000, n = 0.035000
Link 13B-C121, Lfactor = 1.000000, n = 0.035000
  WARNING 02: maximum depth increased for Node 13A-N073
  WARNING 02: maximum depth increased for Node 13A-N105
  WARNING 02: maximum depth increased for Node 13A-N108
  WARNING 02: maximum depth increased for Node 13A-N109
  WARNING 02: maximum depth increased for Node 13A-N110
  WARNING 02: maximum depth increased for Node 13A-N112
  WARNING 02: maximum depth increased for Node 13A-N118
  WARNING 02: maximum depth increased for Node 13A-N133
  WARNING 02: maximum depth increased for Node 13A-N134
  WARNING 02: maximum depth increased for Node 13A-N143
  WARNING 02: maximum depth increased for Node 13A-N152
  WARNING 02: maximum depth increased for Node 13A-N154
  WARNING 02: maximum depth increased for Node 13A-N155
  WARNING 02: maximum depth increased for Node 13A-N159
  WARNING 02: maximum depth increased for Node 13A-N160
  WARNING 02: maximum depth increased for Node 13A-N161
  WARNING 02: maximum depth increased for Node 13A-N162
  WARNING 02: maximum depth increased for Node 13A-N163
  WARNING 02: maximum depth increased for Node 13A-N164
  WARNING 02: maximum depth increased for Node 13A-N165
  WARNING 02: maximum depth increased for Node 13A-N166
  WARNING 02: maximum depth increased for Node 13A-N167
  WARNING 02: maximum depth increased for Node 13A-N168
  WARNING 02: maximum depth increased for Node 13A-N169
  WARNING 02: maximum depth increased for Node 13A-N170
  WARNING 02: maximum depth increased for Node 13A-N172
  WARNING 02: maximum depth increased for Node 13A-N174
  WARNING 02: maximum depth increased for Node 13A-N175
  WARNING 02: maximum depth increased for Node 13A-N176
  WARNING 02: maximum depth increased for Node 13A-N186
  WARNING 02: maximum depth increased for Node 13A-N187
  WARNING 02: maximum depth increased for Node 13B-N059
  WARNING 02: maximum depth increased for Node 13B-N065
  WARNING 02: maximum depth increased for Node 13B-N076
  WARNING 02: maximum depth increased for Node 13B-N077
  WARNING 02: maximum depth increased for Node 13B-N078
  WARNING 02: maximum depth increased for Node 13B-N088
  WARNING 02: maximum depth increased for Node 13B-N089
  WARNING 02: maximum depth increased for Node 13B-N093
  WARNING 02: maximum depth increased for Node 13B-N094
  WARNING 02: maximum depth increased for Node 13B-N098
  WARNING 02: maximum depth increased for Node 13B-N099
  WARNING 02: maximum depth increased for Node 13B-N100
  WARNING 02: maximum depth increased for Node 13B-N102
  WARNING 02: maximum depth increased for Node 13B-N104
  WARNING 02: maximum depth increased for Node 13B-N105

  *************
  Element Count
  *************
  Number of rain gages ...... 1
  Number of subcatchments ... 86
  Number of nodes ........... 255
  Number of links ........... 255
  Number of pollutants ...... 0
  Number of land uses ....... 0


  ****************
  Raingage Summary
  ****************
                                                Data        Interval
  Name                 Data Source              Type           hours
  ----------------------------------------------------------------
  Chiusi               Piogge_Stor&Sint         CUMULATIVE      0.02


  *********************
  Subcatchment Summary
  *********************
  Name                        Area     Width   %Imperv    %Slope    Rain Gage            Outlet

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  13A-S001                    0.22    101.65     70.00    2.4200    Chiusi               13A-N081
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13A-S002	0.94	195.53	5.00	8.7900	Chiusi	13A-S001
13A-S003	2.98	353.65	60.00	7.8700	Chiusi	13A-N159
13A-S004	1.65	259.06	5.00	7.2900	Chiusi	13A-N186
13A-S005	2.60	244.23	33.00	14.5300	Chiusi	13A-S07A
13A-S006	0.19	87.53	70.00	1.3000	Chiusi	13A-N077
13A-S07A	0.76	175.06	70.00	2.6700	Chiusi	13A-N155
13A-S07B	0.17	96.71	70.00	2.6700	Chiusi	13A-N154
13A-S07C	0.72	244.94	70.00	2.6700	Chiusi	13A-N152
13A-S008	0.07	50.12	70.00	0.5800	Chiusi	13A-N119
13A-S009	0.26	95.29	70.00	1.6900	Chiusi	13A-N124
13A-S010	0.89	240.00	70.00	4.0300	Chiusi	13A-N125
13A-S011	0.25	189.88	70.00	1.1700	Chiusi	13A-N172
13A-S012	0.29	147.53	64.00	0.5500	Chiusi	13A-N158
13A-S013	0.37	110.82	70.00	0.5100	Chiusi	13A-S012
13A-S014	0.31	97.41	70.00	2.7100	Chiusi	13A-N085
13A-S015	0.34	107.29	69.00	2.2400	Chiusi	13A-S001
13A-S016	0.27	113.65	40.00	1.7100	Chiusi	13A-N109
13A-S017	0.58	129.88	49.00	1.9100	Chiusi	13A-N165
13A-S018	0.28	131.29	70.00	0.8700	Chiusi	13A-N146
13A-S019	0.65	149.65	45.00	1.1900	Chiusi	13A-N113
13A-S020	0.53	122.82	70.00	2.7400	Chiusi	13A-N097
13A-S021	0.50	125.65	70.00	1.3500	Chiusi	13A-N149
13A-S022	1.76	231.53	65.00	8.2700	Chiusi	13A-N096
13A-S023	1.42	329.65	40.00	6.9100	Chiusi	13A-N104
13A-S024	2.21	285.88	9.00	0.6100	Chiusi	13A-N143
13A-S025	22.86	951.53	5.00	1.6700	Chiusi	13A-N162
13A-S026	7.22	729.88	21.00	5.4300	Chiusi	13A-S025
13A-S027	15.59	1003.06	8.00	4.3200	Chiusi	13A-S025
13A-S028	0.46	131.29	70.00	3.1700	Chiusi	13A-N094
13A-S029	0.82	151.76	10.00	2.0400	Chiusi	13A-N108
13A-S030	0.45	208.94	70.00	0.3400	Chiusi	13A-N067
13A-S031	0.26	112.94	70.00	0.2600	Chiusi	13A-N060
13A-S032	0.22	148.23	70.00	0.7900	Chiusi	13A-N060
13A-S033	0.19	75.53	70.00	1.9800	Chiusi	13A-N008
13A-S034	0.08	112.23	60.00	3.0500	Chiusi	13A-S033
13A-S035	0.10	66.35	27.00	2.1200	Chiusi	13A-N075
13A-S036	0.07	42.35	5.00	3.0300	Chiusi	13A-N072
13A-S037	0.10	67.76	13.00	1.5600	Chiusi	13A-N105
13A-S38A	1.43	270.35	16.00	1.2900	Chiusi	13A-S46B
13A-S38B	0.88	195.53	16.00	1.2900	Chiusi	13A-S039
13A-S039	0.63	152.47	70.00	0.5600	Chiusi	13A-N001
13A-S040	0.28	112.94	70.00	0.4800	Chiusi	13A-N142
13A-S041	0.04	35.29	70.00	0.2500	Chiusi	13A-N061
13A-S042	0.26	93.18	70.00	4.7400	Chiusi	13A-N020
13A-S043	0.29	98.12	70.00	5.4100	Chiusi	13A-N032
13A-S044	0.22	94.59	70.00	4.0800	Chiusi	13A-N022
13A-S045	1.02	336.70	70.00	1.0300	Chiusi	13A-S011
13A-S46A	1.19	195.53	70.00	1.2900	Chiusi	13A-N110
13A-S46B	0.19	127.76	70.00	1.2900	Chiusi	13A-N175
13A-S047	2.50	286.59	38.00	3.1500	Chiusi	13A-N185
13A-S048	0.33	97.41	5.00	0.7400	Chiusi	13A-N173
13A-S049	0.46	165.88	70.00	3.9800	Chiusi	13A-N062
13A-S050	0.26	103.06	70.00	1.9700	Chiusi	13A-N142
13A-S051	0.37	146.12	70.00	4.0900	Chiusi	13A-N028
13A-S052	0.56	148.23	70.00	3.9700	Chiusi	13A-N024
13A-S053	11.47	797.64	15.00	4.4800	Chiusi	13A-N169
13A-S054	0.08	53.65	70.00	6.1400	Chiusi	13A-N023
13B-S001	0.30	97.41	70.00	3.6900	Chiusi	13B-N041
13B-S002	0.57	124.94	70.00	5.0000	Chiusi	13B-N045
13B-S003	0.21	129.88	70.00	5.0800	Chiusi	13B-N039
13B-S004	0.96	211.06	70.00	3.7300	Chiusi	13B-N059
13B-S005	0.35	206.82	70.00	3.2900	Chiusi	13B-N013
13B-S006	0.54	122.12	70.00	0.7300	Chiusi	13B-N093
13B-S007	0.86	194.82	6.00	3.1400	Chiusi	13B-N068
13B-S008	0.60	154.59	70.00	0.5200	Chiusi	13B-N001
13B-S009	0.28	89.65	70.00	0.7400	Chiusi	13B-N002
13B-S010	1.70	243.53	70.00	0.7900	Chiusi	13B-N070
13B-S011	20.93	1250.11	9.00	2.4500	Chiusi	13B-N061
13B-S012	1.30	204.00	65.00	3.4300	Chiusi	13B-N067
13B-S013	2.03	251.29	55.00	4.6300	Chiusi	13B-N025
13B-S14A	1.06	192.00	12.00	2.0500	Chiusi	13B-N098
13B-S14B	0.53	162.35	12.00	2.0500	Chiusi	13B-N099
13B-S14C	9.51	667.06	12.00	2.0500	Chiusi	13B-N097
13B-S14D	0.88	205.41	12.00	2.0500	Chiusi	13B-N100
13B-S015	0.24	76.94	70.00	5.0500	Chiusi	13B-N007
13B-S016	0.11	60.00	70.00	5.3700	Chiusi	13B-N031
13B-S017	0.09	58.59	70.00	3.9000	Chiusi	13B-N033
13B-S018	0.12	63.53	70.00	3.8300	Chiusi	13B-N033
13B-S019	0.28	98.12	70.00	4.8600	Chiusi	13B-N034
13B-S020	0.29	106.59	70.00	2.9300	Chiusi	13B-N083
13B-S021	0.38	112.23	70.00	1.3800	Chiusi	13B-N019
13B-S022	7.70	499.76	15.00	3.4200	Chiusi	13B-N094
13B-S023	0.15	90.35	31.00	1.2400	Chiusi	13B-S14A

13B-S024	0.47	139.06	70.00	6.1400	Chiusi	13B-N012
13B-S025	0.59	136.23	70.00	3.3900	Chiusi	13B-N074

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Node Summary
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Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
13A-N001	JUNCTION	250.68	1.17	500.0	
13A-N003	JUNCTION	250.46	0.90	500.0	
13A-N004	JUNCTION	250.52	0.80	500.0	
13A-N005	JUNCTION	250.01	0.95	500.0	
13A-N006	JUNCTION	250.56	0.77	500.0	
13A-N007	JUNCTION	249.80	1.10	500.0	
13A-N008	JUNCTION	250.58	0.80	500.0	
13A-N009	JUNCTION	250.63	0.75	500.0	
13A-N010	JUNCTION	250.55	0.90	500.0	
13A-N011	JUNCTION	250.66	0.90	500.0	
13A-N012	JUNCTION	250.56	1.05	500.0	
13A-N013	JUNCTION	250.70	1.15	500.0	
13A-N014	JUNCTION	250.79	0.80	500.0	
13A-N015	JUNCTION	250.88	0.68	500.0	
13A-N016	JUNCTION	250.97	0.60	500.0	
13A-N017	JUNCTION	250.92	0.60	500.0	
13A-N018	JUNCTION	250.96	0.60	500.0	
13A-N019	JUNCTION	265.38	0.70	500.0	
13A-N020	JUNCTION	263.97	0.60	500.0	
13A-N022	JUNCTION	262.91	0.55	500.0	
13A-N023	JUNCTION	260.51	0.75	500.0	
13A-N024	JUNCTION	258.82	0.52	500.0	
13A-N025	JUNCTION	256.63	0.65	500.0	
13A-N026	JUNCTION	255.01	0.90	500.0	
13A-N027	JUNCTION	252.52	1.00	500.0	
13A-N028	JUNCTION	258.40	0.70	500.0	
13A-N031	JUNCTION	257.83	1.10	500.0	
13A-N032	JUNCTION	257.16	0.65	500.0	
13A-N033	JUNCTION	256.41	1.46	500.0	
13A-N040	JUNCTION	251.10	1.25	500.0	
13A-N043	JUNCTION	250.72	1.25	500.0	
13A-N048	JUNCTION	250.67	1.16	500.0	
13A-N050	JUNCTION	250.67	1.16	500.0	
13A-N052	JUNCTION	250.66	1.23	500.0	
13A-N055	JUNCTION	250.69	1.10	500.0	
13A-N058	JUNCTION	249.91	1.75	500.0	
13A-N059	JUNCTION	249.97	1.70	500.0	
13A-N060	JUNCTION	249.83	1.80	500.0	
13A-N061	JUNCTION	250.22	1.66	500.0	
13A-N062	JUNCTION	260.69	0.60	500.0	
13A-N063	JUNCTION	258.00	0.75	500.0	
13A-N064	JUNCTION	252.54	0.75	500.0	
13A-N065	JUNCTION	251.35	1.10	500.0	
13A-N066	JUNCTION	250.97	1.25	500.0	
13A-N067	JUNCTION	251.73	0.40	500.0	
13A-N069	JUNCTION	251.33	0.70	500.0	
13A-N070	JUNCTION	251.23	0.81	500.0	
13A-N071	JUNCTION	251.17	0.80	500.0	
13A-N072	JUNCTION	250.22	1.10	500.0	
13A-N073	JUNCTION	250.90	0.69	0.0	
13A-N074	JUNCTION	250.58	0.70	500.0	
13A-N075	JUNCTION	250.28	1.15	500.0	
13A-N076	JUNCTION	249.91	1.50	500.0	
13A-N077	JUNCTION	249.43	1.15	500.0	
13A-N079	JUNCTION	249.37	1.25	500.0	
13A-N081	JUNCTION	250.08	0.40	500.0	
13A-N082	JUNCTION	249.66	1.15	500.0	
13A-N084	JUNCTION	249.68	0.70	500.0	
13A-N085	JUNCTION	249.79	0.65	500.0	
13A-N086	JUNCTION	249.56	0.70	500.0	
13A-N087	JUNCTION	249.57	0.70	500.0	
13A-N088	JUNCTION	249.71	0.59	500.0	
13A-N089	JUNCTION	249.97	0.66	500.0	
13A-N090	JUNCTION	250.16	0.72	500.0	
13A-N091	JUNCTION	250.85	0.70	500.0	
13A-N092	JUNCTION	251.66	0.65	500.0	
13A-N093	JUNCTION	252.40	0.72	500.0	
13A-N094	JUNCTION	253.21	0.71	500.0	
13A-N095	JUNCTION	254.64	0.70	500.0	
13A-N096	JUNCTION	255.33	0.80	500.0	
13A-N097	JUNCTION	252.55	0.65	500.0	
13A-N098	JUNCTION	251.61	0.62	500.0	
13A-N099	JUNCTION	250.09	0.90	500.0	
13A-N100	JUNCTION	251.77	1.40	500.0	
13A-N101	JUNCTION	252.65	1.20	500.0	
13A-N102	JUNCTION	254.43	1.30	500.0	
13A-N103	JUNCTION	255.97	1.29	500.0	
13A-N104	JUNCTION	256.82	1.50	500.0	
13A-N105	JUNCTION	250.35	1.43	0.0	
13A-N106	JUNCTION	250.77	1.06	500.0	
13A-N107	JUNCTION	250.03	1.27	0.0	
13A-N108	JUNCTION	251.40	0.69	0.0	
13A-N109	JUNCTION	251.07	0.40	500.0	
13A-N110	JUNCTION	250.21	0.82	0.0	
13A-N111	JUNCTION	250.98	1.30	500.0	
13A-N112	JUNCTION	248.88	2.19	0.0	
13A-N113	JUNCTION	250.37	0.70	500.0	
13A-N114	JUNCTION	250.26	0.70	500.0	
13A-N115	JUNCTION	249.23	2.43	0.0	
13A-N116	JUNCTION	249.37	1.52	500.0	
13A-N117	JUNCTION	249.33	1.50	500.0	
13A-N118	JUNCTION	250.00	1.84	0.0	
13A-N119	JUNCTION	249.93	1.60	500.0	
13A-N121	JUNCTION	250.35	1.65	500.0	
13A-N123	JUNCTION	250.63	1.75	500.0	
13A-N124	JUNCTION	250.92	1.45	500.0	
13A-N125	JUNCTION	250.78	1.80	500.0	
13A-N126	JUNCTION	249.80	1.75	500.0	
13A-N127	JUNCTION	249.19	1.80	0.0	
13A-N128	JUNCTION	248.08	2.90	500.0	
13A-N132	JUNCTION	248.34	1.36	0.0	
13A-N133	JUNCTION	248.91	2.23	0.0	
13A-N134	JUNCTION	249.62	1.56	0.0	
13A-N135	JUNCTION	249.64	1.40	0.0	
13A-N136	JUNCTION	249.55	1.20	0.0	
13A-N137	JUNCTION	249.65	1.10	0.0	
13A-N138	JUNCTION	249.06	2.58	0.0	
13A-N139	JUNCTION	252.10	1.10	500.0	
13A-N140	JUNCTION	253.80	1.20	500.0	
13A-N142	JUNCTION	250.90	1.10	500.0	
13A-N143	JUNCTION	250.80	1.43	0.0	
13A-N144	JUNCTION	249.70	1.00	500.0	
13A-N145	JUNCTION	249.60	2.00	0.0	
13A-N146	JUNCTION	252.43	0.57	500.0	
13A-N147	JUNCTION	250.50	0.90	500.0	
13A-N148	JUNCTION	249.35	1.15	500.0	
13A-N149	JUNCTION	250.20	0.60	500.0	
13A-N150	JUNCTION	249.32	1.10	0.0	
13A-N151	JUNCTION	251.00	0.90	0.0	
13A-N152	JUNCTION	250.22	1.84	0.0	
13A-N153	JUNCTION	249.75	0.65	0.0	
13A-N154	JUNCTION	249.81	0.54	0.0	
13A-N155	JUNCTION	249.41	1.06	0.0	
13A-N156	JUNCTION	249.17	1.63	0.0	
13A-N157	JUNCTION	249.42	1.38	0.0	
13A-N158	JUNCTION	249.00	1.70	0.0	
13A-N159	JUNCTION	249.43	1.00	0.0	
13A-N160	JUNCTION	252.68	2.44	0.0	
13A-N161	JUNCTION	251.46	1.33	0.0	
13A-N162	JUNCTION	253.70	2.44	0.0	
13A-N163	JUNCTION	251.05	1.51	0.0	
13A-N164	JUNCTION	250.85	1.51	0.0	
13A-N165	JUNCTION	250.66	0.98	0.0	
13A-N166	JUNCTION	254.65	1.02	0.0	
13A-N167	JUNCTION	253.70	0.96	0.0	
13A-N168	JUNCTION	253.35	0.85	0.0	
13A-N169	JUNCTION	255.03	1.02	0.0	
13A-N170	JUNCTION	251.30	1.35	0.0	
13A-N171	JUNCTION	247.97	2.81	0.0	
13A-N172	JUNCTION	249.99	0.70	0.0	
13A-N173	JUNCTION	250.43	0.70	0.0	
13A-N174	JUNCTION	250.00	0.82	0.0	
13A-N175	JUNCTION	250.16	0.76	0.0	
13A-N176	JUNCTION	248.95	2.23	0.0	
13A-N180	JUNCTION	250.65	1.17	0.0	
13A-N181	JUNCTION	250.67	1.18	0.0	
13A-N182	JUNCTION	250.40	1.00	0.0	
13A-N185	JUNCTION	257.30	1.00	0.0	
13A-N186	JUNCTION	259.71	0.62	0.0	
13A-N187	JUNCTION	251.05	1.35	0.0	
13A-N188	JUNCTION	249.20	2.30	500.0	
13A-N189	JUNCTION	261.00	1.00	500.0	
13B-N001	JUNCTION	251.12	1.39	500.0	
13B-N002	JUNCTION	251.11	1.03	500.0	

13B-N003	JUNCTION	252.21	0.29	500.0
13B-N005	JUNCTION	252.64	0.71	500.0
13B-N006	JUNCTION	253.22	0.86	500.0
13B-N007	JUNCTION	253.68	0.78	500.0
13B-N008	JUNCTION	254.37	0.78	500.0
13B-N009	JUNCTION	255.13	0.78	500.0
13B-N010	JUNCTION	256.22	0.78	500.0
13B-N011	JUNCTION	258.09	0.78	500.0
13B-N012	JUNCTION	259.78	0.78	500.0
13B-N013	JUNCTION	257.41	0.45	500.0
13B-N014	JUNCTION	255.45	0.70	500.0
13B-N015	JUNCTION	254.15	0.70	500.0
13B-N016	JUNCTION	252.51	0.76	500.0
13B-N017	JUNCTION	252.28	0.71	500.0
13B-N018	JUNCTION	251.83	0.71	500.0
13B-N019	JUNCTION	251.88	0.55	500.0
13B-N020	JUNCTION	251.75	0.66	500.0
13B-N021	JUNCTION	251.65	0.70	500.0
13B-N022	JUNCTION	251.50	0.95	500.0
13B-N023	JUNCTION	249.37	2.45	500.0
13B-N024	JUNCTION	249.51	3.15	500.0
13B-N025	JUNCTION	249.86	2.36	500.0
13B-N026	JUNCTION	250.26	1.80	500.0
13B-N027	JUNCTION	250.32	1.85	500.0
13B-N028	JUNCTION	251.38	1.75	500.0
13B-N029	JUNCTION	253.35	1.75	500.0
13B-N030	JUNCTION	261.34	0.30	500.0
13B-N031	JUNCTION	262.15	0.20	500.0
13B-N032	JUNCTION	262.96	0.30	500.0
13B-N033	JUNCTION	263.99	0.30	500.0
13B-N034	JUNCTION	266.64	0.50	500.0
13B-N035	JUNCTION	266.77	0.55	500.0
13B-N036	JUNCTION	266.39	0.60	500.0
13B-N039	JUNCTION	263.83	0.75	500.0
13B-N041	JUNCTION	263.55	0.65	500.0
13B-N042	JUNCTION	262.88	0.70	500.0
13B-N043	JUNCTION	262.68	0.75	500.0
13B-N044	JUNCTION	261.89	0.80	500.0
13B-N045	JUNCTION	260.90	0.75	500.0
13B-N046	JUNCTION	260.53	0.65	500.0
13B-N047	JUNCTION	259.38	0.75	500.0
13B-N048	JUNCTION	258.85	0.80	500.0
13B-N049	JUNCTION	257.78	0.70	500.0
13B-N050	JUNCTION	256.22	0.75	500.0
13B-N051	JUNCTION	255.53	0.70	500.0
13B-N052	JUNCTION	254.23	0.56	500.0
13B-N057	JUNCTION	253.10	0.45	500.0
13B-N058	JUNCTION	249.75	2.70	500.0
13B-N059	JUNCTION	260.96	0.27	0.0
13B-N060	JUNCTION	249.39	2.92	500.0
13B-N061	JUNCTION	251.60	0.74	500.0
13B-N062	JUNCTION	251.61	0.70	500.0
13B-N063	JUNCTION	251.64	0.65	500.0
13B-N064	JUNCTION	251.73	0.70	500.0
13B-N065	JUNCTION	250.72	1.55	0.0
13B-N066	JUNCTION	257.09	1.75	0.0
13B-N067	JUNCTION	249.41	3.45	500.0
13B-N068	JUNCTION	250.82	1.10	500.0
13B-N069	JUNCTION	251.18	1.50	500.0
13B-N070	JUNCTION	251.55	1.14	500.0
13B-N071	JUNCTION	251.30	1.00	500.0
13B-N072	JUNCTION	252.29	0.71	500.0
13B-N073	JUNCTION	265.95	0.65	500.0
13B-N074	JUNCTION	265.30	1.00	500.0
13B-N075	JUNCTION	253.80	0.70	500.0
13B-N076	JUNCTION	251.20	0.76	0.0
13B-N077	JUNCTION	250.99	0.39	0.0
13B-N078	JUNCTION	250.98	1.00	0.0
13B-N079	JUNCTION	250.28	2.22	0.0
13B-N080	JUNCTION	250.70	2.30	0.0
13B-N081	JUNCTION	249.84	2.36	500.0
13B-N082	JUNCTION	249.20	2.90	500.0
13B-N083	JUNCTION	260.30	2.00	500.0
13B-N084	JUNCTION	260.06	2.60	500.0
13B-N085	JUNCTION	259.70	2.43	500.0
13B-N086	JUNCTION	259.60	1.94	500.0
13B-N088	JUNCTION	251.25	0.63	0.0
13B-N089	JUNCTION	250.80	0.63	0.0
13B-N090	JUNCTION	250.26	1.84	0.0
13B-N092	JUNCTION	251.20	1.20	0.0
13B-N093	JUNCTION	252.01	0.76	0.0
13B-N094	JUNCTION	251.61	0.49	0.0
13B-N095	JUNCTION	251.15	1.15	0.0
13B-N096	JUNCTION	250.20	1.90	0.0
13B-N097	JUNCTION	250.18	1.84	0.0
13B-N098	JUNCTION	252.40	0.37	0.0
13B-N099	JUNCTION	250.97	0.39	0.0
13B-N100	JUNCTION	251.07	0.51	500.0
13B-N102	JUNCTION	250.57	2.56	0.0
13B-N103	JUNCTION	251.31	2.10	0.0
13B-N104	JUNCTION	250.71	0.99	0.0
13B-N105	JUNCTION	250.66	1.43	0.0
13B-N106	JUNCTION	251.80	0.90	500.0
13B-N107	JUNCTION	251.13	1.27	500.0
13A-F001	OUTFALL	248.00	2.00	0.0
13A-F002	OUTFALL	247.86	2.00	0.0
13A-F003	OUTFALL	248.82	0.70	0.0
13A-F004	OUTFALL	248.73	0.60	0.0
13A-F005	OUTFALL	248.00	0.50	0.0
13B-F001	OUTFALL	250.48	2.56	0.0
13B-F002	OUTFALL	250.57	1.43	0.0

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Link Summary
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Name	From Node	To Node	Type	Length	%Slope	Roughness
13A-C001	13A-N128	13A-F001	CONDUIT	92.7	0.0863	0.0200
13A-C002	13A-N117	13A-N127	CONDUIT	25.3	0.5538	0.0160
13A-C003	13A-N117	13A-N116	CONDUIT	11.7	1.3642	0.0160
13A-C009	13A-N060	13A-N076	CONDUIT	3.0	5.3055	0.0160
13A-C010	13A-N050	13A-N052	CONDUIT	24.8	0.0403	0.0160
13A-C011	13A-N048	13A-N050	CONDUIT	24.9	0.0012	0.0160
13A-C012	13A-N001	13A-N181	CONDUIT	2.9	0.3460	0.0160
13A-C013	13A-N043	13A-N001	CONDUIT	19.0	0.2110	0.0160
13A-C014	13A-N040	13A-N043	CONDUIT	19.2	1.9785	0.0160
13A-C015	13A-N033	13A-N040	CONDUIT	48.1	11.1074	0.0160
13A-C016	13A-N031	13A-N033	CONDUIT	7.8	11.4853	0.0160
13A-C017	13A-N028	13A-N031	CONDUIT	4.4	6.1062	0.0160
13A-C018	13A-N052	13A-N180	CONDUIT	27.4	0.0365	0.0160
13A-C021	13A-N066	13A-N142	CONDUIT	38.6	0.5704	0.0160
13A-C022	13A-N063	13A-N140	CONDUIT	40.5	9.1742	0.0160
13A-C023	13A-N062	13A-N063	CONDUIT	21.7	12.2799	0.0160
13A-C024	13A-N140	13A-N064	CONDUIT	27.5	4.5883	0.0160
13A-C025	13A-N065	13A-N066	CONDUIT	10.1	2.0735	0.0160
13A-C026	13A-N111	13A-N066	CONDUIT	10.0	0.1000	0.0200
13A-C027	13A-N027	13A-N111	CONDUIT	51.6	2.4052	0.0160
13A-C028	13A-N026	13A-N027	CONDUIT	35.7	6.7097	0.0160
13A-C029	13A-N025	13A-N026	CONDUIT	14.9	10.9373	0.0160
13A-C030	13A-N024	13A-N025	CONDUIT	19.3	11.1393	0.0160
13A-C031	13A-N023	13A-N024	CONDUIT	16.1	10.5354	0.0160
13A-C032	13A-N022	13A-N189	CONDUIT	13.7	11.8514	0.0200
13A-C033	13A-N020	13A-N022	CONDUIT	19.9	5.3450	0.0200
13A-C034	13A-N019	13A-N020	CONDUIT	22.3	6.2453	0.0160
13A-C036	13A-N107	13A-N145	CONDUIT	19.6	0.6619	0.0350
13A-C037	13A-N110	13A-N174	CONDUIT	101.2	0.2075	0.0350
13A-C038	13A-N175	13A-N174	CONDUIT	33.5	0.4780	0.0350
13A-C039	13A-N164	13A-N143	CONDUIT	11.5	0.4355	0.0350
13A-C041	13A-N161	13A-N163	CONDUIT	211.1	0.1942	0.0350
13A-C042	13A-N160	13A-N161	CONDUIT	192.6	0.6336	0.0350
13A-C045	13A-N169	13A-N166	CONDUIT	16.1	2.3551	0.0350
13A-C047	13A-N168	13A-N170	CONDUIT	468.1	0.4380	0.0350
13A-C048	13A-N061	13A-N058	CONDUIT	35.6	0.8698	0.0160
13A-C049	13A-N071	13A-N018	CONDUIT	37.1	0.5657	0.0160
13A-C050	13A-N011	13A-N012	CONDUIT	8.4	1.1906	0.0160
13A-C051	13A-N013	13A-N012	CONDUIT	8.2	0.2433	0.0160
13A-C052	13A-N014	13A-N013	CONDUIT	14.1	0.6406	0.0160
13A-C053	13A-N015	13A-N014	CONDUIT	10.1	0.8920	0.0160
13A-C054	13A-N016	13A-N015	CONDUIT	7.1	1.2749	0.0160
13A-C055	13A-N016	13A-N017	CONDUIT	5.7	0.8819	0.0160
13A-C056	13A-N018	13A-N017	CONDUIT	11.6	0.3436	0.0160
13A-C057	13A-N011	13A-N010	CONDUIT	15.2	0.7247	0.0160
13A-C058	13A-N008	13A-N006	CONDUIT	9.9	0.2018	0.0160
13A-C059	13A-N009	13A-N008	CONDUIT	11.0	0.4554	0.0160
13A-C060	13A-N009	13A-N010	CONDUIT	5.6	1.4287	0.0160
13A-C061	13A-N004	13A-N003	CONDUIT	18.4	0.3259	0.0160
13A-C062	13A-N006	13A-N004	CONDUIT	12.9	0.3101	0.0160
13A-C063	13A-N007	13A-N144	CONDUIT	9.2	1.0870	0.0160
13A-C064	13A-N145	13A-N115	CONDUIT	28.6	1.2952	0.0160
13A-C065	13A-N144	13A-N145	CONDUIT	68.2	0.1466	0.0160
13A-C066	13A-N005	13A-N007	CONDUIT	19.5	1.0770	0.0160
13A-C067	13A-N003	13A-N114	CONDUIT	8.0	2.4914	0.0160
13A-C068	13A-N143	13A-N105	CONDUIT	257.3	0.1749	0.0350
13A-C069	13A-N165	13A-N105	CONDUIT	20.8	1.4927	0.0350
13A-C070	13A-N074	13A-N075	CONDUIT	7.4	1.3533	0.0160

13A-C071	13A-N073	13A-N072	CONDUIT	25.6	2.6561	0.0160	13A-C193	13A-N174	13A-N145	CONDUIT	30.9	0.3234	0.0350
13A-C072	13A-N072	13A-N107	CONDUIT	18.1	1.0515	0.0160	13A-C194	13A-N108	13A-N073	CONDUIT	61.0	0.8202	0.0350
13A-C073	13A-N105	13A-N075	CONDUIT	40.1	0.0499	0.0160	13A-C195	13A-N109	13A-N074	CONDUIT	51.3	0.6627	0.0160
13A-C074	13A-N101	13A-N100	CONDUIT	30.0	2.9317	0.0160	13A-C204	13A-N133	13A-N132	CONDUIT	3.6	15.9901	0.0350
13A-C075	13A-N102	13A-N101	CONDUIT	38.8	4.8573	0.0160	13A-C205	13A-N055	13A-N180	CONDUIT	3.7	1.0900	0.0160
13A-C076	13A-N103	13A-N102	CONDUIT	27.5	5.6027	0.0160	13A-C206	13A-N181	13A-N048	CONDUIT	14.1	0.0022	0.0160
13A-C077	13A-N104	13A-N103	CONDUIT	17.1	4.8121	0.0160	13A-C207	13A-N182	13A-N060	CONDUIT	22.1	0.3165	0.0160
13A-C078	13A-N098	13A-N149	CONDUIT	67.8	2.0804	0.0160	13A-C209	13A-N185	13A-N151	CONDUIT	143.5	4.3939	0.0160
13A-C079	13A-N097	13A-N098	CONDUIT	23.8	3.9510	0.0160	13A-C210	13A-N186	13A-N185	CONDUIT	37.0	6.5221	0.0350
13A-C080	13A-N146	13A-N147	CONDUIT	70.2	2.2788	0.0160	13A-C211	13A-N187	13A-N111	CONDUIT	12.8	0.5473	0.0200
13A-C081	13A-N100	13A-N106	CONDUIT	36.4	2.7460	0.0160	13A-C212	13A-N075	13A-N072	CONDUIT	56.5	0.1063	0.0160
13A-C083	13A-N099	13A-N188	CONDUIT	19.3	4.1074	0.0160	13A-C213	13A-N134	13A-N176	CONDUIT	81.4	0.8232	0.0350
13A-C084	13A-N106	13A-N147	CONDUIT	11.5	2.3464	0.0200	13A-C214	13A-N135	13A-N136	CONDUIT	1.7	5.3971	0.0350
13A-C085	13A-N113	13A-N099	CONDUIT	52.9	0.5291	0.0160	13A-C217	13A-N032	13A-N033	CONDUIT	0.8	27.1378	0.0100
13A-C088	13A-N095	13A-N094	CONDUIT	18.5	6.4931	0.0100	13A-C218	13A-N188	13A-N138	CONDUIT	22.1	0.6346	0.0160
13A-C089	13A-N096	13A-N095	CONDUIT	10.9	6.0384	0.0100	13A-C219	13A-N189	13A-N023	CONDUIT	7.7	1.8161	0.0100
13A-C090	13A-N094	13A-N106	CONDUIT	104.0	2.3175	0.0160	13B-C001	13B-N047	13B-N049	CONDUIT	15.4	9.7932	0.0160
13A-C091	13A-N093	13A-N092	CONDUIT	21.0	3.5243	0.0160	13B-C002	13B-N021	13B-N022	CONDUIT	16.4	0.6087	0.0160
13A-C092	13A-N094	13A-N093	CONDUIT	27.5	2.9478	0.0160	13B-C003	13B-N020	13B-N021	CONDUIT	17.3	0.4638	0.0160
13A-C093	13A-N090	13A-N089	CONDUIT	25.1	0.7576	0.0160	13B-C004	13B-N019	13B-N020	CONDUIT	20.3	0.6395	0.0160
13A-C094	13A-N091	13A-N090	CONDUIT	24.5	2.8221	0.0160	13B-C005	13B-N003	13B-N019	CONDUIT	17.7	1.5803	0.0100
13A-C095	13A-N092	13A-N091	CONDUIT	26.2	3.0895	0.0160	13B-C006	13B-N002	13B-N001	CONDUIT	66.8	0.1198	0.0200
13A-C096	13A-N149	13A-N148	CONDUIT	42.2	0.7106	0.0160	13B-C010	13B-N094	13B-N092	CONDUIT	8.0	5.1317	0.0350
13A-C097	13A-N087	13A-N086	CONDUIT	10.7	0.2814	0.0160	13B-C011	13B-N093	13B-N092	CONDUIT	21.1	3.8453	0.0350
13A-C098	13A-N087	13A-N148	CONDUIT	8.6	2.5560	0.0160	13B-C012	13B-N062	13B-N061	CONDUIT	18.5	0.5936	0.0160
13A-C099	13A-N089	13A-N088	CONDUIT	27.6	0.9049	0.0160	13B-C013	13B-N063	13B-N062	CONDUIT	23.3	0.1286	0.0160
13A-C100	13A-N081	13A-N084	CONDUIT	22.1	1.5818	0.0160	13B-C014	13B-N063	13B-N070	CONDUIT	32.6	0.2761	0.0160
13A-C101	13A-N085	13A-N084	CONDUIT	13.7	0.8053	0.0160	13B-C015	13B-N033	13B-N032	CONDUIT	11.7	8.8606	0.0100
13A-C102	13A-N085	13A-N086	CONDUIT	10.6	2.1622	0.0160	13B-C017	13B-N031	13B-N030	CONDUIT	8.0	10.2160	0.0100
13A-C106	13A-N112	13A-F003	CONDUIT	69.8	0.0860	0.0200	13B-C018	13B-N032	13B-N031	CONDUIT	9.3	8.7052	0.0100
13A-C110	13A-N171	13A-F002	CONDUIT	71.0	0.1549	0.0200	13B-C019	13B-N035	13B-N036	CONDUIT	9.1	4.1749	0.0160
13A-C111	13A-N158	13A-N171	CONDUIT	6.6	1.5153	0.0160	13B-C020	13B-N035	13B-N034	CONDUIT	4.2	3.0894	0.0160
13A-C112	13A-N156	13A-N158	CONDUIT	12.3	1.3834	0.0160	13B-C021	13B-N074	13B-N039	CONDUIT	32.0	4.4461	0.0160
13A-C113	13A-N112	13A-N172	CONDUIT	171.0	0.2339	0.0350	13B-C022	13B-N052	13B-N075	CONDUIT	18.9	1.5354	0.0160
13A-C114	13A-N159	13A-N157	CONDUIT	42.5	0.0235	0.0350	13B-C023	13B-N050	13B-N052	CONDUIT	16.1	12.4479	0.0160
13A-C115	13A-N150	13A-N156	CONDUIT	11.9	1.2638	0.0350	13B-C024	13B-N048	13B-N050	CONDUIT	21.8	12.0705	0.0100
13A-C116	13A-N076	13A-N144	CONDUIT	139.8	0.1502	0.0160	13B-C025	13B-N046	13B-N048	CONDUIT	14.5	11.6975	0.0100
13A-C117	13A-N155	13A-N150	CONDUIT	13.0	0.6907	0.0350	13B-C026	13B-N044	13B-N046	CONDUIT	16.6	8.2454	0.0160
13A-C118	13A-N079	13A-N150	CONDUIT	21.0	0.2386	0.0160	13B-C027	13B-N049	13B-N051	CONDUIT	16.7	13.5887	0.0100
13A-C120	13A-N077	13A-N079	CONDUIT	18.1	0.3315	0.0160	13B-C028	13B-N045	13B-N047	CONDUIT	15.3	10.0105	0.0160
13A-C121	13A-N082	13A-N077	CONDUIT	7.8	2.5649	0.0160	13B-C029	13B-N043	13B-N044	CONDUIT	11.4	6.9588	0.0160
13A-C122	13A-N153	13A-N082	CONDUIT	27.8	0.1437	0.0160	13B-C030	13B-N039	13B-N043	CONDUIT	24.9	4.6197	0.0160
13A-C123	13A-N082	13A-N116	CONDUIT	43.2	0.9716	0.0160	13B-C031	13B-N042	13B-N045	CONDUIT	25.8	7.6971	0.0160
13A-C125	13A-N070	13A-N071	CONDUIT	19.0	0.3163	0.0160	13B-C032	13B-N041	13B-N042	CONDUIT	9.8	6.5179	0.0160
13A-C126	13A-N069	13A-N070	CONDUIT	17.9	0.2801	0.0160	13B-C033	13B-N012	13B-N011	CONDUIT	20.4	8.3047	0.0160
13A-C127	13A-N088	13A-N087	CONDUIT	1.8	5.0343	0.0160	13B-C034	13B-N005	13B-N072	CONDUIT	6.4	5.4942	0.0160
13A-C138	13A-N058	13A-N060	CONDUIT	2.0	4.0234	0.0160	13B-C035	13B-N006	13B-N005	CONDUIT	14.9	3.8903	0.0160
13A-C139	13A-N067	13A-N069	CONDUIT	22.4	1.6557	0.0160	13B-C036	13B-N007	13B-N006	CONDUIT	5.4	7.0154	0.0160
13A-C140	13A-N143	13A-N111	CONDUIT	11.1	0.1807	0.0100	13B-C037	13B-N008	13B-N007	CONDUIT	9.5	7.2901	0.0160
13A-C141	13A-N151	13A-N127	CONDUIT	117.6	1.2417	0.0350	13B-C038	13B-N009	13B-N008	CONDUIT	10.4	7.3202	0.0160
13A-C142	13A-N137	13A-N136	CONDUIT	5.3	1.8979	0.0160	13B-C039	13B-N010	13B-N009	CONDUIT	12.3	8.8677	0.0160
13A-C143	13A-N135	13A-N134	CONDUIT	41.8	0.0479	0.0160	13B-C040	13B-N011	13B-N010	CONDUIT	20.1	9.3628	0.0160
13A-C144	13A-N133	13A-F004	CONDUIT	5.6	3.1875	0.0160	13B-C041	13B-N014	13B-N015	CONDUIT	15.6	8.3732	0.0160
13A-C145	13A-N132	13A-F005	CONDUIT	6.3	5.3790	0.0160	13B-C042	13B-N015	13B-N016	CONDUIT	24.7	6.4177	0.0160
13A-C147	13A-N138	13A-N176	CONDUIT	54.1	0.2034	0.0350	13B-C043	13B-N016	13B-N017	CONDUIT	8.7	2.4090	0.0160
13A-C148	13A-N137	13A-N115	CONDUIT	28.0	1.5012	0.0350	13B-C044	13B-N017	13B-N018	CONDUIT	16.2	2.7823	0.0160
13A-C149	13A-N176	13A-N133	CONDUIT	197.7	0.0202	0.0350	13B-C045	13B-N018	13B-N071	CONDUIT	23.3	1.0292	0.0160
13A-C150	13A-N119	13A-N117	CONDUIT	31.3	1.2789	0.0160	13B-C046	13B-N013	13B-N014	CONDUIT	20.3	9.6860	0.0160
13A-C151	13A-N126	13A-N127	CONDUIT	39.0	1.3078	0.0160	13B-C047	13B-N002	13B-N068	CONDUIT	82.7	0.2298	0.0160
13A-C152	13A-N125	13A-N126	CONDUIT	65.1	1.5049	0.0160	13B-C048	13B-N096	13B-N097	CONDUIT	88.8	0.0225	0.0350
13A-C153	13A-N123	13A-N121	CONDUIT	26.1	1.0737	0.0160	13B-C049	13B-N065	13B-N090	CONDUIT	67.2	0.6850	0.0350
13A-C154	13A-N124	13A-N123	CONDUIT	22.8	1.0518	0.0160	13B-C050	13B-N068	13B-N065	CONDUIT	75.3	0.1327	0.0160
13A-C155	13A-N121	13A-N119	CONDUIT	38.0	1.1062	0.0160	13B-C051	13B-N102	13B-N079	CONDUIT	42.7	0.6793	0.0160
13A-C159	13A-N118	13A-N116	CONDUIT	34.6	1.6206	0.0160	13B-C052	13B-N027	13B-N026	CONDUIT	35.1	0.1708	0.0160
13A-C160	13A-N152	13A-N118	CONDUIT	20.5	1.0711	0.0350	13B-C053	13B-N066	13B-N029	CONDUIT	36.8	10.2244	0.0160
13A-C162	13A-N127	13A-N128	CONDUIT	14.0	0.7835	0.0160	13B-C054	13B-N029	13B-N028	CONDUIT	26.5	7.4461	0.0160
13A-C163	13A-N163	13A-N164	CONDUIT	97.1	0.2061	0.0350	13B-C055	13B-N028	13B-N027	CONDUIT	21.3	4.9850	0.0160
13A-C164	13A-N059	13A-N060	CONDUIT	2.6	1.5327	0.0200	13B-C058	13B-N103	13B-N080	CONDUIT	39.4	1.5468	0.0160
13A-C165	13A-N114	13A-N005	CONDUIT	7.8	3.2150	0.0160	13B-C059	13B-N098	13B-N076	CONDUIT	75.3	1.5934	0.0350
13A-C166	13A-N139	13A-N065	CONDUIT	37.9	1.9265	0.0160	13B-C060	13B-N077	13B-N099	CONDUIT	92.6	0.0216	0.0350
13A-C167	13A-N064	13A-N139	CONDUIT	1.7	8.2147	0.0160	13B-C061	13B-N100	13B-N078	CONDUIT	81.3	0.1107	0.0350
13A-C174	13A-N055	13A-N182	CONDUIT	29.5	0.6443	0.0160	13B-C063	13B-N026	13B-N025	CONDUIT	55.9	0.7160	0.0160
13A-C176	13A-N142	13A-N059	CONDUIT	105.8	0.7842	0.0160	13B-C064	13B-N025	13B-N081	CONDUIT	33.4	0.0599	0.0160
13A-C177	13A-N147	13A-N113	CONDUIT	16.5	0.7889	0.0160	13B-C065	13B-N058	13B-N024	CONDUIT	20.8	1.1545	0.0160
13A-C179	13A-N148	13A-N112	CONDUIT	8.7	0.8083	0.0160	13B-C066	13B-N024	13B-N082	CONDUIT	77.1	0.4021	0.0160
13A-C185	13A-N154	13A-N153	CONDUIT	24.9	0.2414	0.0350	13B-C068	13B-N023	13B-N082	CONDUIT	40.1	0.4240	0.0160
13A-C186	13A-N157	13A-N156	CONDUIT	13.0	0.9253	0.0160	13B-C069	13B-N060	13B-N023	CONDUIT	40.9	0.0489	0.0160
13A-C187	13A-N162	13A-N160	CONDUIT	209.6	0.4867	0.0350	13B-C070	13B-N067	13B-N060	CONDUIT	45.7	0.0437	0.0160
13A-C188	13A-N166	13A-N167	CONDUIT	107.9	0.8805	0.0350	13B-C077	13B-N090	13B-N096	CONDUIT	4.7	1.2849	0.0160
13A-C189	13A-N167	13A-N168	CONDUIT	74.8	0.4679	0.0350	13B-C078	13B-N064	13B-N071	CONDUIT	14.4	0.9016	0.0160
13A-C190	13A-N170	13A-N187	CONDUIT	39.1	0.6394	0.0350	13B-C086	13B-N070	13B-N069	CONDUIT	28.2	0.2480	0.0100
13A-C191	13A-N172	13A-N171	CONDUIT	17.1	11.8610	0.0350	13B-C087	13B-N102	13B-F001	CONDUIT	93.5	0.0963	0.0350
13A-C192	13A-N173	13A-N158	CONDUIT	211.7	0.6754	0.0350	13B-C088	13B-N104	13B-N105	CONDUIT	4.6	1.0918	0.0160

13B-C089	13B-N071	13B-N002	CONDUIT	8.1	1.2301	0.0200
13B-C090	13B-N036	13B-N073	CONDUIT	18.8	2.0805	0.0160
13B-C091	13B-N073	13B-N074	CONDUIT	10.0	2.9954	0.0160
13B-C092	13B-N030	13B-N072	CONDUIT	82.6	10.5229	0.0100
13B-C094	13B-N051	13B-N075	CONDUIT	29.6	5.8506	0.0160
13B-C095	13B-N075	13B-N064	CONDUIT	22.9	9.0565	0.0160
13B-C096	13B-N076	13B-N080	CONDUIT	33.8	1.4803	0.0350
13B-C097	13B-N059	13B-N066	CONDUIT	63.4	6.1174	0.0350
13B-C098	13B-N081	13B-N058	CONDUIT	48.2	0.1868	0.0160
13B-C099	13B-N085	13B-N086	CONDUIT	29.2	0.2052	0.0100
13B-C100	13B-N086	13B-N067	CONDUIT	183.1	4.3684	0.0100
13B-C101	13B-N083	13B-N084	CONDUIT	25.1	0.7959	0.0100
13B-C102	13B-N084	13B-N085	CONDUIT	12.5	2.0788	0.0100
13B-C104	13B-N057	13B-N088	CONDUIT	25.6	7.2598	0.0350
13B-C105	13B-N088	13B-N089	CONDUIT	82.9	0.5431	0.0350
13B-C106	13B-N089	13B-N090	CONDUIT	50.2	1.0762	0.0350
13B-C107	13B-N069	13B-N092	CONDUIT	6.9	2.6096	0.0100
13B-C108	13B-N092	13B-N095	CONDUIT	68.2	0.0733	0.0350
13B-C109	13B-N079	13B-N097	CONDUIT	127.7	0.0783	0.0350
13B-C110	13B-N076	13B-N077	CONDUIT	47.5	0.4416	0.0350
13B-C111	13B-N077	13B-N078	CONDUIT	34.6	0.0289	0.0350
13B-C112	13B-N078	13B-N079	CONDUIT	109.3	0.6406	0.0350
13B-C113	13B-N103	13B-N104	CONDUIT	5.4	11.0971	0.0350
13B-C114	13B-N072	13B-N106	CONDUIT	15.9	1.8231	0.0160
13B-C115	13B-N106	13B-N071	CONDUIT	25.1	0.9953	0.0160
13B-C116	13B-N095	13B-N107	CONDUIT	31.6	0.0634	0.0160
13B-C117	13B-N107	13B-N001	CONDUIT	9.4	0.1067	0.0160
13B-C118	13B-N022	13B-N107	CONDUIT	2.8	3.5865	0.0160
13B-C119	13B-N068	13B-N027	CONDUIT	29.1	1.7196	0.0160
13B-C121	13B-N105	13B-F002	CONDUIT	9.7	0.9241	0.0350
13B-P001	13B-N082	13B-N097	IDEAL PUMP			

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Cross Section Summary
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Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
13A-C001	RECT_CLOSED	2.00	4.00	0.50	2.00	1	3702.07
13A-C002	FILLED_CIRCULAR	0.80	0.50	0.20	0.80	1	799.52
13A-C003	FILLED_CIRCULAR	0.60	0.28	0.15	0.60	1	582.35
13A-C009	FILLED_CIRCULAR	0.80	0.50	0.20	0.80	1	2474.63
13A-C010	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	33.88
13A-C011	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	5.91
13A-C012	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	99.33
13A-C013	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	35.95
13A-C014	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	110.08
13A-C015	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	260.83
13A-C016	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	265.23
13A-C017	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	193.39
13A-C018	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	32.25
13A-C021	FILLED_CIRCULAR	0.90	0.64	0.23	0.90	1	1110.97
13A-C022	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	237.05
13A-C023	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	274.25
13A-C024	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	167.64
13A-C025	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	441.29
13A-C026	MODBASKETHANDLE	0.50	0.39	0.15	1.00	1	177.44
13A-C027	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	121.37
13A-C028	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	202.72
13A-C029	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	258.82
13A-C030	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	261.20
13A-C031	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	254.02
13A-C032	RECT_CLOSED	0.30	0.09	0.07	0.30	1	275.53
13A-C033	RECT_CLOSED	0.30	0.18	0.10	0.60	1	448.31
13A-C034	FILLED_CIRCULAR	0.20	0.03	0.05	0.20	1	66.05
13A-C036	13A-S01	1.10	1.87	0.43	2.99	1	2487.83
13A-C037	13A-S02	0.82	1.57	0.26	5.52	1	834.77
13A-C038	13A-S03	0.76	1.45	0.23	5.84	1	1070.50
13A-C039	13A-S04	1.05	1.98	0.22	7.93	1	1369.87
13A-C041	13A-S05	1.33	2.89	0.44	5.39	1	2093.58
13A-C042	13A-S06	1.32	4.47	0.64	5.66	1	7577.98
13A-C045	13A-S07	1.02	1.84	0.46	3.63	1	4834.69
13A-C047	13A-S08	0.85	2.00	0.41	4.53	1	2073.89
13A-C048	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	157.49
13A-C049	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	127.01
13A-C050	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	334.39
13A-C051	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	151.17
13A-C052	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	245.28
13A-C053	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	289.44
13A-C054	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	346.03
13A-C055	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	287.79
13A-C056	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	179.65
13A-C057	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	260.88
13A-C058	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	137.67
13A-C059	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	206.80
13A-C060	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	366.31
13A-C061	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	174.95
13A-C062	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	170.65
13A-C063	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	319.51
13A-C064	RECT_CLOSED	1.80	1.80	0.32	1.00	1	6008.03
13A-C065	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	117.36
13A-C066	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	318.04
13A-C067	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	483.72
13A-C068	13A-S09	1.43	2.41	0.52	3.41	1	1866.67
13A-C069	13A-S10	0.98	2.20	0.37	5.37	1	3972.35
13A-C070	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	196.44
13A-C071	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	275.21
13A-C072	FILLED_CIRCULAR	0.80	0.50	0.20	0.80	1	1101.69
13A-C073	FILLED_CIRCULAR	0.80	0.50	0.20	0.80	1	239.93
13A-C074	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	289.13
13A-C075	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	172.48
13A-C076	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	185.25
13A-C077	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	370.43
13A-C078	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	112.88
13A-C079	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	155.56
13A-C080	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	118.14
13A-C081	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	129.69
13A-C083	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	621.09
13A-C084	MODBASKETHANDLE	0.50	0.22	0.12	0.50	1	427.35
13A-C085	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	222.92
13A-C088	FILLED_CIRCULAR	0.30	0.07	0.08	0.30	1	327.68
13A-C089	FILLED_CIRCULAR	0.24	0.05	0.06	0.24	1	169.35
13A-C090	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	119.14
13A-C091	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	317.01
13A-C092	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	289.92
13A-C093	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	146.98
13A-C094	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	283.67
13A-C095	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	296.81
13A-C096	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	65.97
13A-C097	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	89.58
13A-C098	FILLED_CIRCULAR	0.60	0.28	0.15	0.60	1	797.14
13A-C099	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	160.63
13A-C100	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	98.43
13A-C101	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	151.53
13A-C102	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	248.30
13A-C106	RECT_CLOSED	0.70	0.84	0.22	1.20	1	450.22
13A-C110	RECT_CLOSED	2.00	4.00	0.50	2.00	1	4959.49
13A-C111	FILLED_CIRCULAR	0.90	0.64	0.23	0.90	1	1810.78
13A-C112	FILLED_CIRCULAR	0.90	0.64	0.23	0.90	1	1730.14
13A-C113	13A-S11	0.68	0.57	0.28	1.04	1	337.83
13A-C114	13A-S12	1.00	1.45	0.46	2.24	1	375.92
13A-C115	13A-S13	1.00	1.45	0.46	2.24	1	2755.03
13A-C116	FILLED_CIRCULAR	0.80	0.50	0.20	0.80	1	416.33
13A-C117	13A-S14	1.06	1.54	0.32	3.44	1	1702.16
13A-C118	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	149.68
13A-C120	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	176.44
13A-C121	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	490.81
13A-C122	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	116.18
13A-C123	FILLED_CIRCULAR	0.80	0.50	0.20	0.80	1	1058.99
13A-C125	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	94.97
13A-C126	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	89.37
13A-C127	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	378.88
13A-C138	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	338.71
13A-C139	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	100.70
13A-C140	FILLED_CIRCULAR	0.48	0.18	0.12	0.48	1	186.89
13A-C141	13A-S15	0.75	0.81	0.15	4.72	1	740.79
13A-C142	FILLED_CIRCULAR	0.90	0.64	0.23	0.90	1	2026.50
13A-C143	FILLED_CIRCULAR	1.20	1.13	0.30	1.20	1	693.34
13A-C144	FILLED_CIRCULAR	0.60	0.28	0.15	0.60	1	890.17
13A-C145	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	710.76
13A-C147	13A-S16	1.38	4.78	0.40	10.81	1	3336.92
13A-C148	13A-S17	1.07	3.29	0.25	12.49	1	4582.82
13A-C149	13A-S18	2.23	11.60	0.70	14.78	1	3713.95
13A-C150	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	346.57
13A-C151	FILLED_CIRCULAR	0.80	0.50	0.20	0.80	1	1228.63
13A-C152	FILLED_CIRCULAR	0.80	0.50	0.20	0.80	1	1317.94
13A-C153	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	317.55
13A-C154	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	314.29
13A-C155	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	322.32
13A-C159	FILLED_CIRCULAR	0.80	0.50	0.20	0.80	1	1367.68
13A-C160	13A-S19	1.84	7.41	0.75	8.76	1	18156.40
13A-C162	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	271.26
13A-C163	13A-S20	1.51	6.24	0.72	7.31	1	6524.14
13A-C164	RECT_CLOSED	0.60	0.30	0.14	0.50	1	492.02
13A-C165	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	549.50

13A-C166	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	234.38
13A-C167	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	224.31
13A-C174	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	135.54
13A-C176	FILLED_CIRCULAR	0.80	0.50	0.20	0.80	1	951.41
13A-C177	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	272.19
13A-C179	FILLED_CIRCULAR	0.60	0.28	0.15	0.60	1	448.28
13A-C185	13A-S21	0.54	0.64	0.19	2.99	1	299.38
13A-C186	FILLED_CIRCULAR	0.90	0.64	0.23	0.90	1	1414.95
13A-C187	13A-S22	2.44	9.70	1.11	7.53	1	20734.56
13A-C188	13A-S23	0.96	1.03	0.35	1.94	1	1371.92
13A-C189	13A-S24	0.41	0.41	0.16	2.26	1	234.75
13A-C190	13A-S25	1.35	4.05	0.45	7.93	1	5408.46
13A-C191	13A-S26	0.70	0.66	0.30	1.23	1	2923.09
13A-C192	13A-S33	0.20	0.05	0.08	0.44	1	19.03
13A-C193	13A-S27	0.76	1.45	0.23	5.84	1	880.51
13A-C194	13A-S34	0.69	0.57	0.30	1.07	1	652.25
13A-C195	PARABOLIC	0.20	0.05	0.09	0.40	1	54.56
13A-C204	13A-S29	1.26	4.07	0.39	9.88	1	24593.52
13A-C205	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	176.30
13A-C206	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	7.85
13A-C207	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	94.99
13A-C209	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	642.38
13A-C210	13A-S30	0.62	1.09	0.17	6.13	1	2450.75
13A-C211	MODBASKETHANDLE	0.60	0.37	0.16	0.70	1	400.21
13A-C212	FILLED_CIRCULAR	0.80	0.50	0.20	0.80	1	350.20
13A-C213	13A-S31	1.56	6.17	0.40	14.10	1	8739.04
13A-C214	13A-S32	1.07	3.29	0.25	12.49	1	8689.33
13A-C217	FILLED_CIRCULAR	0.19	0.03	0.05	0.19	1	197.46
13A-C218	RECT_CLOSED	2.00	2.00	0.33	1.00	1	4787.63
13A-C219	FILLED_CIRCULAR	0.19	0.03	0.05	0.19	1	51.08
13B-C001	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	244.91
13B-C002	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	61.06
13B-C003	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	53.30
13B-C004	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	62.58
13B-C005	FILLED_CIRCULAR	0.19	0.03	0.05	0.19	1	47.65
13B-C006	RECT_CLOSED	0.70	0.56	0.19	0.80	1	316.56
13B-C010	13B-S37	0.49	0.62	0.27	2.09	1	1673.19
13B-C011	13B-S36	0.76	1.22	0.35	2.65	1	3367.94
13B-C012	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	130.11
13B-C013	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	60.57
13B-C014	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	88.73
13B-C015	FILLED_CIRCULAR	0.12	0.01	0.03	0.12	1	31.25
13B-C017	FILLED_CIRCULAR	0.12	0.01	0.03	0.12	1	33.55
13B-C018	FILLED_CIRCULAR	0.12	0.01	0.03	0.12	1	30.97
13B-C019	FILLED_CIRCULAR	0.20	0.03	0.05	0.20	1	54.00
13B-C020	FILLED_CIRCULAR	0.20	0.03	0.05	0.20	1	46.46
13B-C021	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	165.02
13B-C022	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	96.97
13B-C023	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	276.12
13B-C024	FILLED_CIRCULAR	0.24	0.05	0.06	0.24	1	239.44
13B-C025	FILLED_CIRCULAR	0.19	0.03	0.05	0.19	1	129.64
13B-C026	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	224.73
13B-C027	FILLED_CIRCULAR	0.24	0.05	0.06	0.24	1	254.05
13B-C028	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	247.62
13B-C029	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	206.45
13B-C030	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	168.21
13B-C031	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	217.13
13B-C032	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	199.80
13B-C033	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	225.53
13B-C034	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	183.44
13B-C035	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	154.36
13B-C036	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	207.29
13B-C037	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	211.31
13B-C038	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	211.74
13B-C039	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	233.05
13B-C040	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	239.47
13B-C041	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	226.46
13B-C042	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	198.26
13B-C043	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	121.47
13B-C044	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	130.54
13B-C045	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	79.40
13B-C046	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	243.57
13B-C047	FILLED_CIRCULAR	0.60	0.28	0.15	0.60	1	239.02
13B-C048	13B-S38	1.55	3.39	0.41	6.81	1	806.00
13B-C049	13B-S39	1.55	3.39	0.41	6.81	1	4446.14
13B-C050	FILLED_CIRCULAR	0.60	0.28	0.15	0.60	1	181.64
13B-C051	FILLED_CIRCULAR	1.80	2.54	0.45	1.80	1	7700.39
13B-C052	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	69.80
13B-C053	FILLED_CIRCULAR	0.15	0.02	0.04	0.15	1	39.07
13B-C054	FILLED_CIRCULAR	0.15	0.02	0.04	0.15	1	33.34
13B-C055	FILLED_CIRCULAR	0.15	0.02	0.04	0.15	1	27.28
13B-C058	FILLED_CIRCULAR	2.00	3.14	0.50	2.00	1	15389.13
13B-C059	13B-S40	0.37	0.27	0.20	1.10	1	333.53
13B-C060	13B-S41	0.39	0.34	0.21	1.25	1	50.25
13B-C061	13B-S42	0.51	0.70	0.28	2.14	1	285.05
13B-C063	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	142.88
13B-C064	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	41.33
13B-C065	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	181.44
13B-C066	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	107.08
13B-C068	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	199.56
13B-C069	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	67.79
13B-C070	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	64.09
13B-C077	FILLED_CIRCULAR	1.00	0.79	0.25	1.00	1	2208.54
13B-C078	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	74.31
13B-C086	FILLED_CIRCULAR	0.30	0.07	0.08	0.30	1	64.04
13B-C087	13B-S43	2.56	17.02	1.28	14.32	1	17803.51
13B-C088	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	320.21
13B-C089	RECT_CLOSED	0.60	0.36	0.15	0.60	1	563.63
13B-C090	FILLED_CIRCULAR	0.20	0.03	0.05	0.20	1	38.12
13B-C091	FILLED_CIRCULAR	0.20	0.03	0.05	0.20	1	45.74
13B-C092	FILLED_CIRCULAR	0.12	0.01	0.03	0.12	1	34.05
13B-C094	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	189.30
13B-C095	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	235.52
13B-C096	13B-S44	0.76	2.25	0.34	6.38	1	3775.75
13B-C097	13B-S45	0.27	0.24	0.16	1.36	1	513.12
13B-C098	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	72.98
13B-C099	FILLED_CIRCULAR	0.30	0.07	0.08	0.30	1	58.25
13B-C100	FILLED_CIRCULAR	0.30	0.07	0.08	0.30	1	268.77
13B-C101	FILLED_CIRCULAR	0.30	0.07	0.08	0.30	1	114.72
13B-C102	FILLED_CIRCULAR	0.30	0.07	0.08	0.30	1	185.41
13B-C104	13B-S46	0.35	0.36	0.20	1.54	1	968.86
13B-C105	13B-S47	0.63	1.13	0.42	2.41	1	1328.25
13B-C106	13B-S48	0.33	0.30	0.19	1.36	1	291.52
13B-C107	FILLED_CIRCULAR	0.43	0.15	0.11	0.43	1	539.40
13B-C108	13B-S54	0.92	4.24	0.50	7.79	1	2057.72
13B-C109	13B-S49	1.55	3.39	0.41	6.81	1	1503.29
13B-C110	13B-S50	0.39	0.32	0.19	1.30	1	201.11
13B-C111	13B-S51	0.39	0.32	0.19	1.30	1	51.43
13B-C112	13B-S52	1.00	3.15	0.34	8.59	1	3528.08
13B-C113	13B-S53	0.99	1.40	0.45	2.02	1	7835.69
13B-C114	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	105.67
13B-C115	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	78.08
13B-C116	FILLED_CIRCULAR	0.60	0.28	0.15	0.60	1	125.50
13B-C117	FILLED_CIRCULAR	0.60	0.28	0.15	0.60	1	162.89
13B-C118	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	148.21
13B-C119	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	221.44
13B-C121	13B-S35	1.43	5.52	0.36	14.27	1	7650.04

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Transect Summary
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Transect 13A-S01
Area:

0.0033	0.0121	0.0217	0.0317	0.0422
0.0531	0.0645	0.0763	0.0885	0.1012
0.1143	0.1279	0.1419	0.1563	0.1712
0.1865	0.2023	0.2185	0.2351	0.2522
0.2697	0.2876	0.3063	0.3265	0.3474
0.3686	0.3902	0.4123	0.4347	0.4576
0.4808	0.5045	0.5285	0.5530	0.5779
0.6031	0.6288	0.6549	0.6813	0.7082
0.7355	0.7632	0.7912	0.8197	0.8486
0.8779	0.9076	0.9377	0.9682	1.0000

Hrad:

0.0245	0.0620	0.1034	0.1415	0.1767
0.2096	0.2405	0.2699	0.2978	0.3245
0.3501	0.3749	0.3989	0.4221	0.4448
0.4668	0.4884	0.5096	0.5303	0.5507
0.5707	0.5905	0.5940	0.6019	0.6236
0.6449	0.6658	0.6864	0.7066	0.7266
0.7463	0.7657	0.7849	0.8038	0.8226
0.8411	0.8595	0.8776	0.8957	0.9135
0.9312	0.9488	0.9662	0.9835	1.0007
1.0178	1.0348	1.0516	1.0684	1.0000

Width:

0.1899	0.2669	0.2794	0.2919	0.3044
0.3169	0.3294	0.3419	0.3544	0.3670
0.3795	0.3920	0.4045	0.4170	0.4295
0.4420	0.4545	0.4670	0.4795	0.4920
0.5045	0.5170	0.5537	0.5870	0.5985
0.6099	0.6214	0.6328	0.6443	0.6557
0.6672	0.6786	0.6901	0.7016	0.7130
0.7245	0.7359	0.7474	0.7588	0.7703

0.7817 0.7932 0.8046 0.8161 0.8275
0.8390 0.8504 0.8619 0.8734 1.0000

Transect 13A-S02
Area:
0.0004 0.0016 0.0036 0.0063 0.0099
0.0140 0.0186 0.0237 0.0292 0.0352
0.0416 0.0485 0.0559 0.0637 0.0719
0.0806 0.0898 0.0994 0.1095 0.1201
0.1311 0.1426 0.1545 0.1669 0.1797
0.1930 0.2067 0.2209 0.2356 0.2507
0.2663 0.2823 0.2988 0.3172 0.3386
0.3630 0.3904 0.4207 0.4541 0.4904
0.5298 0.5721 0.6174 0.6657 0.7170
0.7712 0.8279 0.8850 0.9424 1.0000
Hrad:
0.0280 0.0560 0.0841 0.1121 0.1413
0.1772 0.2108 0.2428 0.2736 0.3034
0.3325 0.3610 0.3891 0.4167 0.4441
0.4712 0.4980 0.5247 0.5512 0.5776
0.6038 0.6299 0.6559 0.6819 0.7077
0.7335 0.7593 0.7849 0.8106 0.8361
0.8617 0.8872 0.9046 0.8367 0.7913
0.7615 0.7428 0.7326 0.7287 0.7299
0.7350 0.7434 0.7544 0.7677 0.7828
0.7994 0.8407 0.8941 0.9472 1.0000
Width:
0.0137 0.0274 0.0411 0.0548 0.0678
0.0757 0.0836 0.0915 0.0995 0.1074
0.1153 0.1232 0.1311 0.1391 0.1470
0.1549 0.1628 0.1707 0.1786 0.1866
0.1945 0.2024 0.2103 0.2182 0.2262
0.2341 0.2420 0.2499 0.2578 0.2657
0.2737 0.2816 0.2927 0.3445 0.3962
0.4480 0.4997 0.5515 0.6032 0.6549
0.7067 0.7584 0.8102 0.8619 0.9137
0.9654 0.9861 0.9908 0.9954 1.0000

Transect 13A-S03
Area:
0.0006 0.0022 0.0050 0.0088 0.0138
0.0197 0.0260 0.0327 0.0398 0.0474
0.0553 0.0636 0.0724 0.0815 0.0911
0.1011 0.1114 0.1222 0.1334 0.1450
0.1570 0.1694 0.1829 0.1998 0.2178
0.2361 0.2546 0.2733 0.2922 0.3114
0.3308 0.3504 0.3703 0.3904 0.4108
0.4313 0.4530 0.4775 0.5048 0.5350
0.5680 0.6038 0.6425 0.6844 0.7300
0.7784 0.8296 0.8836 0.9404 1.0000
Hrad:
0.0314 0.0628 0.0941 0.1255 0.1569
0.2003 0.2452 0.2875 0.3278 0.3664
0.4036 0.4397 0.4747 0.5089 0.5424
0.5752 0.6074 0.6392 0.6705 0.7015
0.7321 0.7624 0.6978 0.6568 0.7016
0.7454 0.7882 0.8301 0.8712 0.9114
0.9508 0.9895 1.0276 1.0649 1.1017
1.1378 1.0872 1.0350 0.9977 0.9715
0.9541 0.9435 0.9385 0.9193 0.9252
0.9365 0.9498 0.9650 0.9818 1.0000
Width:
0.0181 0.0362 0.0543 0.0723 0.0904
0.1001 0.1067 0.1134 0.1201 0.1267
0.1334 0.1400 0.1467 0.1533 0.1600
0.1667 0.1733 0.1800 0.1866 0.1933
0.1999 0.2066 0.2489 0.2932 0.2971
0.3009 0.3047 0.3085 0.3123 0.3162
0.3200 0.3238 0.3276 0.3314 0.3353
0.3391 0.3778 0.4244 0.4710 0.5176
0.5641 0.6107 0.6573 0.7216 0.7701
0.8161 0.8621 0.9080 0.9540 1.0000

Transect 13A-S04
Area:
0.0017 0.0063 0.0115 0.0173 0.0234
0.0300 0.0370 0.0445 0.0524 0.0607
0.0695 0.0787 0.0883 0.0984 0.1089
0.1198 0.1312 0.1430 0.1553 0.1680
0.1811 0.1949 0.2096 0.2253 0.2419
0.2594 0.2779 0.2972 0.3175 0.3387
0.3609 0.3840 0.4079 0.4328 0.4582
0.4839 0.5100 0.5373 0.5656 0.5950
0.6254 0.6570 0.6896 0.7233 0.7581
0.7939 0.8309 0.8702 0.9254 1.0000
Hrad:
0.0453 0.1100 0.1815 0.2456 0.3042
0.3587 0.4099 0.4586 0.5052 0.5501
0.5935 0.6358 0.6772 0.7176 0.7574
0.7965 0.8350 0.8730 0.9107 0.9479
0.9837 0.9985 1.0162 1.0363 1.0586
1.0826 1.1081 1.1351 1.1632 1.1924
1.2225 1.2534 1.2851 1.3213 1.3734
1.4244 1.4479 1.4665 1.4865 1.5079
1.5304 1.5540 1.5785 1.6038 1.6300
1.6568 1.6843 1.7087 1.6975 1.0000
Width:
0.0400 0.0601 0.0653 0.0704 0.0756
0.0808 0.0859 0.0911 0.0963 0.1014
0.1066 0.1118 0.1169 0.1221 0.1273
0.1324 0.1376 0.1428 0.1479 0.1531
0.1585 0.1695 0.1805 0.1914 0.2024
0.2134 0.2243 0.2353 0.2463 0.2572
0.2682 0.2792 0.2901 0.2996 0.3027
0.3058 0.3168 0.3296 0.3423 0.3551
0.3679 0.3807 0.3935 0.4063 0.4191
0.4318 0.4446 0.5401 0.7701 1.0000

Transect 13A-S05
Area:
0.0007 0.0029 0.0064 0.0114 0.0178
0.0254 0.0336 0.0422 0.0513 0.0610
0.0711 0.0817 0.0928 0.1045 0.1166
0.1292 0.1423 0.1559 0.1701 0.1847
0.1998 0.2154 0.2315 0.2481 0.2652
0.2828 0.3009 0.3195 0.3386 0.3582
0.3783 0.3989 0.4200 0.4416 0.4637
0.4863 0.5094 0.5330 0.5571 0.5817
0.6067 0.6323 0.6590 0.7057 0.7543
0.8030 0.8520 0.9011 0.9505 1.0000
Hrad:
0.0276 0.0552 0.0829 0.1105 0.1381
0.1760 0.2151 0.2517 0.2863 0.3194
0.3512 0.3818 0.4115 0.4404 0.4686
0.4963 0.5234 0.5500 0.5763 0.6022
0.6278 0.6530 0.6781 0.7029 0.7275
0.7519 0.7761 0.8002 0.8242 0.8480
0.8717 0.8952 0.9187 0.9421 0.9654
0.9886 1.0117 1.0347 1.0577 1.0807
1.1035 1.1263 1.1476 0.7474 0.7910
0.8340 0.8764 0.9182 0.9594 1.0000
Width:
0.0288 0.0575 0.0863 0.1150 0.1438
0.1588 0.1688 0.1788 0.1889 0.1989
0.2090 0.2190 0.2291 0.2391 0.2491
0.2592 0.2692 0.2793 0.2893 0.2994
0.3094 0.3194 0.3295 0.3395 0.3496
0.3596 0.3697 0.3797 0.3897 0.3998
0.4098 0.4199 0.4299 0.4400 0.4500
0.4600 0.4701 0.4801 0.4902 0.5002
0.5103 0.5203 0.6974 0.9755 0.9796
0.9837 0.9878 0.9918 0.9959 1.0000

Transect 13A-S06
Area:
0.0040 0.0107 0.0179 0.0254 0.0334
0.0418 0.0506 0.0598 0.0695 0.0795
0.0900 0.1009 0.1121 0.1239 0.1360
0.1485 0.1615 0.1748 0.1886 0.2028
0.2174 0.2324 0.2479 0.2637 0.2800
0.2967 0.3138 0.3313 0.3492 0.3676
0.3922 0.4228 0.4536 0.4846 0.5157
0.5470 0.5784 0.6099 0.6416 0.6735
0.7054 0.7376 0.7699 0.8023 0.8349
0.8676 0.9005 0.9335 0.9667 1.0000
Hrad:
0.0248 0.0616 0.0957 0.1274 0.1572
0.1855 0.2125 0.2385 0.2634 0.2876
0.3110 0.3338 0.3561 0.3780 0.3993
0.4204 0.4410 0.4614 0.4815 0.5014
0.5210 0.5405 0.5597 0.5788 0.5977
0.6165 0.6351 0.6536 0.6720 0.6668
0.4825 0.5051 0.5361 0.5666 0.5967
0.6263 0.6555 0.6842 0.7125 0.7404
0.7680 0.7951 0.8219 0.8484 0.8744
0.9002 0.9256 0.9507 0.9755 1.0000

Width:

0.1954	0.2078	0.2202	0.2326	0.2451
0.2575	0.2699	0.2823	0.2947	0.3071
0.3195	0.3319	0.3444	0.3568	0.3692
0.3816	0.3940	0.4064	0.4188	0.4312
0.4437	0.4561	0.4685	0.4809	0.4933
0.5057	0.5181	0.5306	0.5430	0.5786
0.8970	0.9205	0.9249	0.9293	0.9337
0.9382	0.9426	0.9470	0.9514	0.9558
0.9602	0.9647	0.9691	0.9735	0.9779
0.9823	0.9867	0.9912	0.9956	1.0000

Transect 13A-S07

Area:

0.0029	0.0073	0.0124	0.0181	0.0245
0.0316	0.0394	0.0478	0.0569	0.0667
0.0771	0.0883	0.1000	0.1125	0.1256
0.1394	0.1539	0.1691	0.1849	0.2011
0.2177	0.2347	0.2520	0.2697	0.2878
0.3063	0.3251	0.3443	0.3642	0.3851
0.4068	0.4296	0.4532	0.4779	0.5034
0.5299	0.5574	0.5857	0.6151	0.6454
0.6766	0.7087	0.7418	0.7759	0.8109
0.8468	0.8837	0.9215	0.9603	1.0000

Hrad:

0.0305	0.0644	0.0938	0.1205	0.1454
0.1689	0.1915	0.2133	0.2346	0.2555
0.2760	0.2962	0.3162	0.3360	0.3556
0.3751	0.3944	0.4137	0.4360	0.4635
0.4905	0.5172	0.5435	0.5696	0.5953
0.6207	0.6459	0.6699	0.6794	0.6899
0.7012	0.7132	0.7259	0.7391	0.7529
0.7672	0.7819	0.7971	0.8126	0.8284
0.8445	0.8609	0.8776	0.8945	0.9116
0.9289	0.9464	0.9641	0.9820	1.0000

Width:

0.1012	0.1179	0.1346	0.1513	0.1681
0.1848	0.2015	0.2182	0.2349	0.2516
0.2683	0.2850	0.3017	0.3184	0.3352
0.3519	0.3686	0.3853	0.3992	0.4085
0.4178	0.4270	0.4363	0.4456	0.4548
0.4641	0.4734	0.4835	0.5070	0.5304
0.5539	0.5774	0.6009	0.6243	0.6478
0.6713	0.6948	0.7183	0.7417	0.7652
0.7887	0.8122	0.8357	0.8591	0.8826
0.9061	0.9296	0.9530	0.9765	1.0000

Transect 13A-S08

Area:

0.0028	0.0096	0.0169	0.0246	0.0328
0.0415	0.0505	0.0601	0.0701	0.0805
0.0914	0.1027	0.1145	0.1267	0.1394
0.1526	0.1661	0.1802	0.1950	0.2107
0.2273	0.2447	0.2630	0.2822	0.3022
0.3231	0.3448	0.3675	0.3909	0.4153
0.4405	0.4666	0.4930	0.5196	0.5464
0.5735	0.6007	0.6280	0.6556	0.6834
0.7113	0.7395	0.7678	0.7965	0.8265
0.8581	0.8913	0.9260	0.9622	1.0000

Hrad:

0.0206	0.0556	0.0910	0.1241	0.1552
0.1848	0.2131	0.2402	0.2664	0.2918
0.3165	0.3405	0.3640	0.3870	0.4096
0.4319	0.4537	0.4712	0.4819	0.4934
0.5058	0.5188	0.5323	0.5464	0.5609
0.5758	0.5910	0.6066	0.6224	0.6384
0.6547	0.6749	0.7073	0.7395	0.7713
0.8030	0.8344	0.8655	0.8965	0.9272
0.9577	0.9879	1.0180	1.0278	1.0173
1.0096	1.0043	1.0011	0.9997	1.0000

Width:

0.1475	0.1831	0.1948	0.2064	0.2181
0.2297	0.2414	0.2530	0.2647	0.2763
0.2880	0.2997	0.3113	0.3230	0.3346
0.3463	0.3579	0.3734	0.3958	0.4182
0.4406	0.4630	0.4854	0.5078	0.5303
0.5527	0.5751	0.5975	0.6199	0.6423
0.6647	0.6830	0.6879	0.6928	0.6977
0.7026	0.7075	0.7124	0.7173	0.7222
0.7271	0.7320	0.7369	0.7585	0.7987
0.8390	0.8792	0.9195	0.9597	1.0000

Transect 13A-S09

Area:

0.0022	0.0072	0.0127	0.0189	0.0257
0.0331	0.0411	0.0497	0.0590	0.0688
0.0793	0.0904	0.1020	0.1143	0.1273
0.1408	0.1549	0.1697	0.1850	0.2010
0.2176	0.2348	0.2526	0.2710	0.2901
0.3097	0.3300	0.3509	0.3723	0.3944
0.4172	0.4405	0.4644	0.4890	0.5142
0.5402	0.5669	0.5944	0.6228	0.6519
0.6817	0.7124	0.7438	0.7766	0.8107
0.8462	0.8831	0.9211	0.9601	1.0000

Hrad:

0.0263	0.0686	0.1050	0.1370	0.1661
0.1930	0.2185	0.2428	0.2661	0.2888
0.3109	0.3326	0.3538	0.3748	0.3954
0.4159	0.4361	0.4562	0.4761	0.4959
0.5155	0.5351	0.5546	0.5740	0.5933
0.6126	0.6318	0.6509	0.6700	0.6891
0.7081	0.7271	0.7460	0.7649	0.7819
0.7985	0.8153	0.8323	0.8494	0.8668
0.8843	0.9019	0.9160	0.9237	0.9325
0.9423	0.9536	0.9689	0.9843	1.0000

Width:

0.1103	0.1301	0.1453	0.1604	0.1756
0.1908	0.2059	0.2211	0.2362	0.2514
0.2666	0.2817	0.2969	0.3121	0.3272
0.3424	0.3576	0.3727	0.3879	0.4030
0.4182	0.4334	0.4485	0.4637	0.4789
0.4940	0.5092	0.5244	0.5395	0.5547
0.5698	0.5850	0.6002	0.6153	0.6335
0.6528	0.6720	0.6913	0.7106	0.7298
0.7491	0.7684	0.7929	0.8274	0.8619
0.8964	0.9293	0.9529	0.9764	1.0000

Transect 13A-S10

Area:

0.0006	0.0022	0.0050	0.0085	0.0126
0.0170	0.0220	0.0274	0.0332	0.0395
0.0462	0.0534	0.0610	0.0691	0.0776
0.0866	0.0961	0.1060	0.1163	0.1271
0.1383	0.1500	0.1622	0.1748	0.1878
0.2013	0.2153	0.2297	0.2445	0.2598
0.2756	0.2918	0.3088	0.3313	0.3605
0.3966	0.4374	0.4787	0.5202	0.5620
0.6040	0.6463	0.6889	0.7317	0.7748
0.8182	0.8619	0.9068	0.9528	1.0000

Hrad:

0.0247	0.0494	0.0741	0.1087	0.1405
0.1699	0.1976	0.2241	0.2497	0.2745
0.2987	0.3225	0.3459	0.3690	0.3918
0.4144	0.4369	0.4592	0.4813	0.5033
0.5252	0.5470	0.5688	0.5904	0.6120
0.6336	0.6551	0.6765	0.6979	0.7193
0.7406	0.7619	0.7818	0.7861	0.7768
0.7599	0.5066	0.5506	0.5943	0.6377
0.6808	0.7236	0.7662	0.8084	0.8504
0.8922	0.9244	0.9495	0.9748	1.0000

Width:

0.0231	0.0462	0.0693	0.0796	0.0890
0.0984	0.1079	0.1173	0.1268	0.1362
0.1457	0.1551	0.1645	0.1740	0.1834
0.1929	0.2023	0.2117	0.2212	0.2306
0.2401	0.2495	0.2590	0.2684	0.2778
0.2873	0.2967	0.3062	0.3156	0.3250
0.3345	0.3439	0.3993	0.5412	0.6831
0.8250	0.8610	0.8665	0.8720	0.8774
0.8829	0.8883	0.8938	0.8992	0.9047
0.9101	0.9265	0.9510	0.9755	1.0000

Transect 13A-S11

Area:

0.0131	0.0264	0.0401	0.0542	0.0685
0.0831	0.0981	0.1134	0.1290	0.1449
0.1611	0.1777	0.1946	0.2117	0.2292
0.2471	0.2652	0.2837	0.3024	0.3215
0.3409	0.3607	0.3807	0.4011	0.4217
0.4427	0.4640	0.4857	0.5076	0.5297
0.5519	0.5743	0.5968	0.6195	0.6423
0.6652	0.6882	0.7114	0.7347	0.7582
0.7817	0.8055	0.8293	0.8533	0.8774
0.9017	0.9260	0.9506	0.9752	1.0000

Hrad:

0.0461	0.0886	0.1281	0.1649	0.1994

0.2318 0.2625 0.2917 0.3194 0.3460
0.3714 0.3958 0.4193 0.4420 0.4639
0.4852 0.5058 0.5259 0.5455 0.5646
0.5832 0.6015 0.6194 0.6369 0.6541
0.6709 0.6875 0.7039 0.7203 0.7369
0.7532 0.7689 0.7843 0.7993 0.8139
0.8282 0.8422 0.8558 0.8691 0.8822
0.8950 0.9075 0.9198 0.9319 0.9438
0.9554 0.9668 0.9781 0.9891 1.0000

Width:
0.5320 0.5448 0.5575 0.5703 0.5830
0.5958 0.6086 0.6213 0.6341 0.6468
0.6596 0.6724 0.6851 0.6979 0.7107
0.7234 0.7362 0.7489 0.7617 0.7745
0.7872 0.8000 0.8127 0.8255 0.8383
0.8510 0.8638 0.8765 0.8869 0.8923
0.8977 0.9031 0.9085 0.9138 0.9192
0.9246 0.9300 0.9354 0.9408 0.9462
0.9515 0.9569 0.9623 0.9677 0.9731
0.9785 0.9838 0.9892 0.9946 1.0000

Transect 13A-S12
Area:
0.0013 0.0052 0.0116 0.0206 0.0319
0.0440 0.0564 0.0693 0.0826 0.0964
0.1106 0.1252 0.1402 0.1557 0.1716
0.1879 0.2047 0.2219 0.2395 0.2576
0.2761 0.2950 0.3144 0.3342 0.3544
0.3751 0.3961 0.4177 0.4396 0.4620
0.4848 0.5080 0.5317 0.5558 0.5804
0.6053 0.6307 0.6566 0.6828 0.7095
0.7367 0.7642 0.7922 0.8206 0.8495
0.8788 0.9085 0.9386 0.9692 1.0000

Hrad:
0.0207 0.0414 0.0621 0.0828 0.1109
0.1446 0.1762 0.2061 0.2345 0.2616
0.2876 0.3125 0.3366 0.3598 0.3824
0.4043 0.4257 0.4465 0.4669 0.4869
0.5064 0.5256 0.5445 0.5631 0.5815
0.5995 0.6174 0.6350 0.6524 0.6696
0.6867 0.7036 0.7203 0.7370 0.7534
0.7698 0.7860 0.8021 0.8181 0.8341
0.8499 0.8656 0.8813 0.8968 0.9123
0.9278 0.9431 0.9584 0.9774 1.0000

Width:
0.0833 0.1665 0.2498 0.3330 0.3816
0.3956 0.4095 0.4234 0.4374 0.4513
0.4653 0.4792 0.4932 0.5071 0.5211
0.5350 0.5490 0.5629 0.5768 0.5908
0.6047 0.6187 0.6326 0.6466 0.6605
0.6745 0.6884 0.7023 0.7163 0.7302
0.7442 0.7581 0.7721 0.7860 0.8000
0.8139 0.8278 0.8418 0.8557 0.8697
0.8836 0.8976 0.9115 0.9255 0.9394
0.9534 0.9673 0.9812 0.9921 1.0000

Transect 13A-S13
Area:
0.0013 0.0052 0.0116 0.0206 0.0319
0.0440 0.0564 0.0693 0.0826 0.0964
0.1106 0.1252 0.1402 0.1557 0.1716
0.1879 0.2047 0.2219 0.2395 0.2576
0.2761 0.2950 0.3144 0.3342 0.3544
0.3751 0.3961 0.4177 0.4396 0.4620
0.4848 0.5080 0.5317 0.5558 0.5804
0.6053 0.6307 0.6566 0.6828 0.7095
0.7367 0.7642 0.7922 0.8206 0.8495
0.8788 0.9085 0.9386 0.9692 1.0000

Hrad:
0.0207 0.0414 0.0621 0.0828 0.1109
0.1446 0.1762 0.2061 0.2345 0.2616
0.2876 0.3125 0.3366 0.3598 0.3824
0.4043 0.4257 0.4465 0.4669 0.4869
0.5064 0.5256 0.5445 0.5631 0.5815
0.5995 0.6174 0.6350 0.6524 0.6696
0.6867 0.7036 0.7203 0.7370 0.7534
0.7698 0.7860 0.8021 0.8181 0.8341
0.8499 0.8656 0.8813 0.8968 0.9123
0.9278 0.9431 0.9584 0.9774 1.0000

Width:
0.0833 0.1665 0.2498 0.3330 0.3816
0.3956 0.4095 0.4234 0.4374 0.4513
0.4653 0.4792 0.4932 0.5071 0.5211
0.5350 0.5490 0.5629 0.5768 0.5908
0.6047 0.6187 0.6326 0.6466 0.6605
0.6745 0.6884 0.7023 0.7163 0.7302
0.7442 0.7581 0.7721 0.7860 0.8000
0.8139 0.8278 0.8418 0.8557 0.8697
0.8836 0.8976 0.9115 0.9255 0.9394
0.9534 0.9673 0.9812 0.9921 1.0000

Transect 13A-S14
Area:
0.0080 0.0189 0.0300 0.0416 0.0534
0.0657 0.0782 0.0912 0.1045 0.1181
0.1321 0.1464 0.1611 0.1762 0.1916
0.2073 0.2234 0.2399 0.2567 0.2738
0.2913 0.3092 0.3274 0.3460 0.3649
0.3842 0.4038 0.4238 0.4441 0.4648
0.4858 0.5072 0.5292 0.5524 0.5762
0.6000 0.6239 0.6479 0.6720 0.6961
0.7204 0.7447 0.7691 0.7936 0.8182
0.8442 0.8753 0.9117 0.9535 1.0000

Hrad:
0.0492 0.1082 0.1621 0.2119 0.2581
0.3013 0.3419 0.3803 0.4167 0.4515
0.4848 0.5167 0.5475 0.5773 0.6061
0.6340 0.6612 0.6877 0.7136 0.7389
0.7637 0.7880 0.8119 0.8353 0.8584
0.8811 0.9035 0.9256 0.9475 0.9691
0.9904 1.0115 1.0139 1.0176 1.0444
1.0704 1.0958 1.1206 1.1447 1.1683
1.1913 1.2138 1.2358 1.2573 1.2783
1.2016 1.1132 1.0480 0.9998 1.0000

Width:
0.2252 0.2326 0.2401 0.2475 0.2549
0.2624 0.2698 0.2773 0.2847 0.2922
0.2996 0.3071 0.3145 0.3220 0.3294
0.3369 0.3443 0.3517 0.3592 0.3666
0.3741 0.3815 0.3890 0.3964 0.4039
0.4113 0.4188 0.4262 0.4336 0.4411
0.4485 0.4560 0.4785 0.5014 0.5032
0.5049 0.5067 0.5084 0.5101 0.5119
0.5136 0.5153 0.5171 0.5188 0.5205
0.6018 0.7145 0.8272 0.9399 1.0000

Transect 13A-S15
Area:
0.0004 0.0015 0.0035 0.0061 0.0096
0.0138 0.0188 0.0246 0.0311 0.0384
0.0464 0.0552 0.0648 0.0752 0.0863
0.0980 0.1102 0.1229 0.1362 0.1502
0.1646 0.1797 0.1953 0.2115 0.2283
0.2456 0.2635 0.2820 0.3011 0.3207
0.3409 0.3617 0.3831 0.4050 0.4275
0.4506 0.4742 0.4985 0.5233 0.5486
0.5746 0.6011 0.6282 0.6558 0.6941
0.7348 0.7854 0.8465 0.9180 1.0000

Hrad:
0.0377 0.0753 0.1130 0.1507 0.1884
0.2260 0.2637 0.3014 0.3391 0.3767
0.4144 0.4521 0.4898 0.5274 0.5681
0.6138 0.6563 0.6982 0.7394 0.7801
0.8203 0.8601 0.8995 0.9386 0.9774
1.0159 1.0542 1.0923 1.1302 1.1679
1.2054 1.2428 1.2801 1.3172 1.3542
1.3911 1.4279 1.4646 1.5012 1.5377
1.5742 1.6106 1.6469 1.3277 1.3944
1.2879 1.1586 1.0780 1.0284 1.0000

Width:
0.0088 0.0176 0.0264 0.0352 0.0440
0.0528 0.0616 0.0704 0.0792 0.0880
0.0968 0.1056 0.1144 0.1232 0.1309
0.1365 0.1430 0.1496 0.1562 0.1628
0.1693 0.1759 0.1825 0.1890 0.1956
0.2022 0.2088 0.2153 0.2219 0.2285
0.2350 0.2416 0.2482 0.2548 0.2613
0.2679 0.2745 0.2811 0.2876 0.2942
0.3008 0.3073 0.3139 0.4370 0.4398
0.5206 0.6404 0.7603 0.8801 1.0000

Transect 13A-S16
Area:
0.0009 0.0035 0.0079 0.0140 0.0219
0.0316 0.0419 0.0525 0.0633 0.0744
0.0857 0.0972 0.1090 0.1210 0.1333

0.1458 0.1586 0.1716 0.1848 0.1982
0.2120 0.2259 0.2401 0.2545 0.2692
0.2841 0.2993 0.3147 0.3303 0.3462
0.3623 0.3786 0.3952 0.4121 0.4291
0.4464 0.4640 0.4822 0.5025 0.5253
0.5525 0.5846 0.6215 0.6640 0.7133
0.7666 0.8219 0.8792 0.9386 1.0000
Hrad:
0.0329 0.0658 0.0986 0.1315 0.1644
0.2024 0.2591 0.3134 0.3654 0.4154
0.4635 0.5100 0.5550 0.5986 0.6409
0.6821 0.7222 0.7613 0.7994 0.8368
0.8733 0.9091 0.9442 0.9787 1.0126
1.0459 1.0787 1.1110 1.1429 1.1743
1.2053 1.2359 1.2661 1.2961 1.3256
1.3549 1.3839 1.3429 1.2840 1.1862
1.0772 1.0028 0.9517 0.8876 0.8476
0.8779 0.9083 0.9388 0.9693 1.0000
Width:
0.0281 0.0563 0.0844 0.1125 0.1406
0.1638 0.1677 0.1716 0.1754 0.1793
0.1831 0.1870 0.1908 0.1947 0.1985
0.2024 0.2062 0.2101 0.2139 0.2178
0.2216 0.2255 0.2293 0.2332 0.2370
0.2409 0.2447 0.2486 0.2525 0.2563
0.2602 0.2640 0.2679 0.2717 0.2756
0.2794 0.2833 0.3079 0.3421 0.3983
0.4756 0.5529 0.6302 0.7351 0.8381
0.8704 0.9028 0.9352 0.9676 1.0000

Transect 13A-S17
Area:
0.0004 0.0015 0.0033 0.0059 0.0092
0.0133 0.0181 0.0236 0.0299 0.0369
0.0446 0.0531 0.0623 0.0720 0.0820
0.0923 0.1030 0.1139 0.1252 0.1367
0.1486 0.1608 0.1732 0.1860 0.1991
0.2124 0.2261 0.2401 0.2543 0.2689
0.2838 0.2990 0.3144 0.3302 0.3463
0.3627 0.3794 0.3964 0.4153 0.4373
0.4648 0.4990 0.5399 0.5873 0.6413
0.7020 0.7693 0.8430 0.9202 1.0000
Hrad:
0.0389 0.0777 0.1166 0.1555 0.1944
0.2332 0.2721 0.3110 0.3499 0.3887
0.4276 0.4665 0.5116 0.5656 0.6179
0.6701 0.7217 0.7720 0.8209 0.8688
0.9156 0.9614 1.0064 1.0506 1.0940
1.1368 1.1790 1.2206 1.2616 1.3022
1.3423 1.3819 1.4212 1.4601 1.4987
1.5369 1.5748 1.5845 1.4613 1.3228
1.1381 1.0262 0.9569 0.9147 0.8909
0.8799 0.8785 0.8989 0.9497 1.0000
Width:
0.0091 0.0182 0.0273 0.0364 0.0455
0.0546 0.0636 0.0727 0.0818 0.0909
0.1000 0.1091 0.1164 0.1209 0.1254
0.1295 0.1332 0.1369 0.1406 0.1443
0.1480 0.1517 0.1554 0.1592 0.1629
0.1666 0.1703 0.1740 0.1777 0.1814
0.1851 0.1888 0.1926 0.1963 0.2000
0.2037 0.2074 0.2158 0.2509 0.2991
0.3806 0.4622 0.5437 0.6252 0.7068
0.7883 0.8698 0.9349 0.9674 1.0000

Transect 13A-S18
Area:
0.0008 0.0030 0.0066 0.0106 0.0148
0.0192 0.0238 0.0287 0.0338 0.0391
0.0446 0.0503 0.0563 0.0625 0.0689
0.0755 0.0823 0.0894 0.0967 0.1042
0.1119 0.1199 0.1280 0.1364 0.1450
0.1539 0.1629 0.1722 0.1817 0.1914
0.2014 0.2155 0.2411 0.2775 0.3163
0.3552 0.3941 0.4331 0.4722 0.5122
0.5537 0.5969 0.6416 0.6880 0.7360
0.7855 0.8367 0.8896 0.9440 1.0000
Hrad:
0.0300 0.0599 0.1008 0.1466 0.1877
0.2251 0.2597 0.2919 0.3222 0.3510
0.3785 0.4049 0.4304 0.4551 0.4791
0.5025 0.5254 0.5478 0.5698 0.5914
0.6127 0.6337 0.6545 0.6750 0.6953
0.7154 0.7353 0.7550 0.7746 0.7941
0.8134 0.5352 0.4105 0.3935 0.4467
0.4995 0.5520 0.6042 0.6560 0.6874
0.7186 0.7498 0.7810 0.8122 0.8435
0.8747 0.9060 0.9373 0.9687 1.0000
Width:
0.0267 0.0534 0.0679 0.0718 0.0757
0.0796 0.0834 0.0873 0.0912 0.0951
0.0990 0.1029 0.1068 0.1107 0.1146
0.1185 0.1224 0.1263 0.1301 0.1340
0.1379 0.1418 0.1457 0.1496 0.1535
0.1574 0.1613 0.1652 0.1691 0.1729
0.1768 0.3479 0.5523 0.6820 0.6833
0.6847 0.6860 0.6874 0.6888 0.7167
0.7450 0.7734 0.8017 0.8300 0.8584
0.8867 0.9150 0.9433 0.9717 1.0000

Transect 13A-S19
Area:
0.0017 0.0068 0.0135 0.0206 0.0282
0.0362 0.0446 0.0535 0.0628 0.0725
0.0827 0.0933 0.1044 0.1159 0.1278
0.1401 0.1529 0.1661 0.1798 0.1939
0.2084 0.2234 0.2388 0.2546 0.2709
0.2876 0.3047 0.3223 0.3403 0.3587
0.3776 0.4068 0.4376 0.4686 0.4998
0.5312 0.5629 0.5948 0.6269 0.6592
0.6918 0.7246 0.7576 0.7909 0.8244
0.8581 0.8920 0.9262 0.9607 1.0000
Hrad:
0.0238 0.0496 0.0910 0.1290 0.1644
0.1976 0.2291 0.2592 0.2880 0.3158
0.3427 0.3688 0.3942 0.4191 0.4435
0.4674 0.4910 0.5141 0.5370 0.5595
0.5819 0.6039 0.6258 0.6475 0.6690
0.6903 0.7115 0.7325 0.7535 0.7743
0.7652 0.5702 0.6081 0.6458 0.6831
0.7202 0.7569 0.7934 0.8296 0.8655
0.9012 0.9366 0.9717 1.0066 1.0413
1.0757 1.1099 1.1438 1.1574 1.0000
Width:
0.0779 0.1491 0.1591 0.1691 0.1791
0.1891 0.1991 0.2091 0.2191 0.2291
0.2391 0.2491 0.2591 0.2691 0.2791
0.2891 0.2991 0.3091 0.3191 0.3291
0.3391 0.3491 0.3591 0.3691 0.3791
0.3891 0.3991 0.4091 0.4191 0.4291
0.4599 0.7046 0.7098 0.7151 0.7203
0.7256 0.7308 0.7361 0.7413 0.7466
0.7518 0.7571 0.7623 0.7676 0.7728
0.7781 0.7833 0.7886 0.8099 1.0000

Transect 13A-S20
Area:
0.0009 0.0035 0.0078 0.0138 0.0206
0.0279 0.0357 0.0439 0.0527 0.0620
0.0718 0.0822 0.0930 0.1043 0.1161
0.1285 0.1413 0.1546 0.1685 0.1829
0.1981 0.2152 0.2342 0.2550 0.2776
0.3021 0.3282 0.3547 0.3814 0.4082
0.4353 0.4626 0.4901 0.5178 0.5457
0.5738 0.6022 0.6307 0.6594 0.6883
0.7174 0.7467 0.7762 0.8059 0.8359
0.8667 0.8985 0.9313 0.9651 1.0000
Hrad:
0.0203 0.0406 0.0609 0.0859 0.1176
0.1473 0.1753 0.2020 0.2277 0.2525
0.2765 0.2999 0.3227 0.3451 0.3671
0.3887 0.4101 0.4312 0.4520 0.4726
0.4649 0.4562 0.4527 0.4529 0.4562
0.4618 0.4817 0.5134 0.5445 0.5751
0.6052 0.6348 0.6638 0.6924 0.7206
0.7483 0.7756 0.8025 0.8290 0.8551
0.8809 0.9063 0.9314 0.9561 0.9742
0.9777 0.9821 0.9873 0.9933 1.0000
Width:
0.0492 0.0983 0.1475 0.1842 0.1985
0.2128 0.2271 0.2414 0.2557 0.2700
0.2843 0.2986 0.3129 0.3272 0.3415
0.3558 0.3701 0.3844 0.3987 0.4130
0.4575 0.5095 0.5615 0.6135 0.6655
0.7175 0.7459 0.7516 0.7573 0.7630
0.7687 0.7744 0.7801 0.7858 0.7915

0.7972 0.8029 0.8086 0.8143 0.8200
0.8257 0.8314 0.8371 0.8428 0.8554
0.8843 0.9132 0.9422 0.9711 1.0000

Transect 13A-S21
Area:
0.0019 0.0077 0.0151 0.0232 0.0318
0.0409 0.0507 0.0610 0.0718 0.0832
0.0952 0.1077 0.1208 0.1344 0.1487
0.1634 0.1788 0.1947 0.2111 0.2281
0.2457 0.2639 0.2826 0.3018 0.3216
0.3420 0.3628 0.3841 0.4059 0.4281
0.4509 0.4741 0.4978 0.5220 0.5466
0.5718 0.5974 0.6235 0.6500 0.6771
0.7046 0.7326 0.7611 0.7901 0.8196
0.8495 0.8799 0.9128 0.9528 1.0000
Hrad:
0.0268 0.0568 0.1025 0.1444 0.1833
0.2198 0.2544 0.2874 0.3191 0.3498
0.3795 0.4084 0.4367 0.4644 0.4916
0.5183 0.5446 0.5706 0.5963 0.6217
0.6469 0.6718 0.6965 0.7211 0.7455
0.7759 0.8062 0.8363 0.8662 0.8960
0.9256 0.9551 0.9844 1.0137 1.0428
1.0717 1.1006 1.1294 1.1581 1.1867
1.2152 1.2436 1.2719 1.3002 1.3284
1.3565 1.3845 1.2351 1.0958 1.0000
Width:
0.0757 0.1417 0.1528 0.1638 0.1749
0.1859 0.1969 0.2080 0.2190 0.2301
0.2411 0.2521 0.2632 0.2742 0.2853
0.2963 0.3073 0.3184 0.3294 0.3405
0.3515 0.3625 0.3736 0.3846 0.3957
0.4051 0.4145 0.4240 0.4334 0.4429
0.4523 0.4617 0.4712 0.4806 0.4900
0.4995 0.5089 0.5183 0.5278 0.5372
0.5466 0.5561 0.5655 0.5749 0.5844
0.5938 0.6033 0.7159 0.8579 1.0000

Transect 13A-S22
Area:
0.0045 0.0106 0.0174 0.0248 0.0327
0.0413 0.0504 0.0602 0.0705 0.0815
0.0930 0.1052 0.1180 0.1313 0.1453
0.1598 0.1750 0.1907 0.2071 0.2240
0.2416 0.2597 0.2785 0.2978 0.3178
0.3383 0.3595 0.3811 0.4030 0.4252
0.4478 0.4706 0.4937 0.5172 0.5409
0.5649 0.5897 0.6154 0.6421 0.6698
0.6985 0.7281 0.7587 0.7902 0.8228
0.8563 0.8907 0.9262 0.9626 1.0000
Hrad:
0.0327 0.0688 0.1009 0.1302 0.1574
0.1830 0.2073 0.2306 0.2531 0.2750
0.2963 0.3171 0.3376 0.3577 0.3775
0.3970 0.4164 0.4355 0.4545 0.4733
0.4920 0.5105 0.5290 0.5473 0.5656
0.5838 0.6019 0.6283 0.6548 0.6811
0.7071 0.7328 0.7583 0.7836 0.8087
0.8312 0.8393 0.8483 0.8581 0.8685
0.8796 0.8912 0.9033 0.9160 0.9290
0.9425 0.9564 0.9706 0.9852 1.0000
Width:
0.1547 0.1705 0.1863 0.2022 0.2180
0.2338 0.2497 0.2655 0.2813 0.2972
0.3130 0.3288 0.3447 0.3605 0.3763
0.3922 0.4080 0.4239 0.4397 0.4555
0.4714 0.4872 0.5030 0.5189 0.5347
0.5505 0.5664 0.5747 0.5827 0.5907
0.5987 0.6066 0.6146 0.6226 0.6306
0.6410 0.6667 0.6923 0.7179 0.7436
0.7692 0.7949 0.8205 0.8462 0.8718
0.8974 0.9231 0.9487 0.9744 1.0000

Transect 13A-S23
Area:
0.0014 0.0058 0.0128 0.0209 0.0295
0.0386 0.0484 0.0587 0.0696 0.0810
0.0931 0.1057 0.1188 0.1326 0.1469
0.1618 0.1772 0.1932 0.2098 0.2270
0.2447 0.2630 0.2818 0.3013 0.3213
0.3419 0.3630 0.3847 0.4070 0.4299
0.4533 0.4773 0.5019 0.5270 0.5527
0.5790 0.6058 0.6332 0.6612 0.6898
0.7186 0.7477 0.7771 0.8067 0.8365
0.8667 0.8979 0.9305 0.9645 1.0000
Hrad:
0.0256 0.0512 0.0835 0.1224 0.1574
0.1894 0.2192 0.2471 0.2736 0.2989
0.3232 0.3467 0.3695 0.3918 0.4135
0.4348 0.4558 0.4764 0.4967 0.5168
0.5366 0.5563 0.5757 0.5950 0.6141
0.6331 0.6520 0.6708 0.6894 0.7080
0.7265 0.7449 0.7632 0.7815 0.7997
0.8178 0.8359 0.8539 0.8719 0.8908
0.9108 0.9304 0.9496 0.9685 0.9869
1.0015 0.9987 0.9976 0.9981 1.0000
Width:
0.0799 0.1597 0.2142 0.2299 0.2457
0.2614 0.2772 0.2929 0.3087 0.3244
0.3402 0.3559 0.3717 0.3874 0.4032
0.4189 0.4347 0.4504 0.4662 0.4819
0.4977 0.5134 0.5292 0.5449 0.5607
0.5764 0.5922 0.6079 0.6237 0.6394
0.6552 0.6709 0.6867 0.7024 0.7182
0.7339 0.7497 0.7654 0.7811 0.7933
0.8005 0.8076 0.8148 0.8219 0.8291
0.8416 0.8812 0.9208 0.9604 1.0000

Transect 13A-S24
Area:
0.0009 0.0035 0.0079 0.0140 0.0219
0.0316 0.0424 0.0537 0.0653 0.0773
0.0897 0.1025 0.1157 0.1293 0.1433
0.1576 0.1723 0.1875 0.2030 0.2189
0.2352 0.2519 0.2689 0.2864 0.3042
0.3225 0.3411 0.3601 0.3795 0.3993
0.4194 0.4400 0.4609 0.4823 0.5040
0.5261 0.5486 0.5715 0.5948 0.6184
0.6425 0.6669 0.6925 0.7304 0.7748
0.8194 0.8643 0.9093 0.9546 1.0000
Hrad:
0.0245 0.0490 0.0735 0.0981 0.1226
0.1471 0.1867 0.2262 0.2641 0.3005
0.3357 0.3697 0.4027 0.4348 0.4661
0.4966 0.5264 0.5556 0.5842 0.6124
0.6400 0.6672 0.6940 0.7204 0.7465
0.7723 0.7978 0.8229 0.8479 0.8725
0.8970 0.9212 0.9453 0.9691 0.9928
1.0163 1.0397 1.0629 1.0860 1.1089
1.1317 1.1544 1.1751 0.7535 0.7951
0.8366 0.8778 0.9187 0.9595 1.0000
Width:
0.0385 0.0771 0.1156 0.1541 0.1927
0.2312 0.2426 0.2512 0.2597 0.2682
0.2767 0.2852 0.2938 0.3023 0.3108
0.3193 0.3278 0.3364 0.3449 0.3534
0.3619 0.3705 0.3790 0.3875 0.3960
0.4045 0.4131 0.4216 0.4301 0.4386
0.4471 0.4557 0.4642 0.4727 0.4812
0.4898 0.4983 0.5068 0.5153 0.5238
0.5324 0.5409 0.6575 0.9735 0.9779
0.9823 0.9867 0.9912 0.9956 1.0000

Transect 13A-S25
Area:
0.0086 0.0194 0.0305 0.0419 0.0536
0.0656 0.0779 0.0905 0.1035 0.1167
0.1302 0.1441 0.1582 0.1727 0.1874
0.2025 0.2179 0.2335 0.2495 0.2658
0.2824 0.2993 0.3164 0.3339 0.3517
0.3699 0.3883 0.4070 0.4260 0.4453
0.4650 0.4849 0.5051 0.5257 0.5465
0.5677 0.5891 0.6109 0.6330 0.6553
0.6780 0.7010 0.7243 0.7486 0.7780
0.8133 0.8544 0.9000 0.9486 1.0000
Hrad:
0.0479 0.1036 0.1564 0.2066 0.2545
0.3004 0.3444 0.3868 0.4277 0.4673
0.5056 0.5428 0.5790 0.6142 0.6486
0.6822 0.7151 0.7473 0.7788 0.8098
0.8403 0.8702 0.8997 0.9287 0.9573
0.9856 1.0134 1.0410 1.0682 1.0951
1.1217 1.1481 1.1742 1.2001 1.2257
1.2512 1.2764 1.3014 1.3263 1.3509
1.3754 1.3998 1.4240 1.3364 1.1823

1.0759 1.0007 0.9959 0.9965 1.0000

Width:

0.2013 0.2071 0.2128 0.2186 0.2244
0.2301 0.2359 0.2417 0.2474 0.2532
0.2589 0.2647 0.2705 0.2762 0.2820
0.2877 0.2935 0.2993 0.3050 0.3108
0.3166 0.3223 0.3281 0.3338 0.3396
0.3454 0.3511 0.3569 0.3627 0.3684
0.3742 0.3799 0.3857 0.3915 0.3972
0.4030 0.4087 0.4145 0.4203 0.4260
0.4318 0.4376 0.4433 0.5003 0.6115
0.7227 0.8339 0.8906 0.9453 1.0000

Transect 13A-S26

Area:

0.0133 0.0270 0.0409 0.0550 0.0695
0.0842 0.0991 0.1144 0.1299 0.1457
0.1618 0.1782 0.1948 0.2117 0.2288
0.2463 0.2640 0.2820 0.3002 0.3187
0.3375 0.3566 0.3760 0.3956 0.4155
0.4356 0.4561 0.4768 0.4978 0.5190
0.5405 0.5623 0.5844 0.6068 0.6294
0.6523 0.6754 0.6989 0.7226 0.7466
0.7708 0.7953 0.8201 0.8452 0.8706
0.8962 0.9219 0.9478 0.9739 1.0000

Hrad:

0.0442 0.0852 0.1235 0.1594 0.1932
0.2252 0.2555 0.2843 0.3118 0.3381
0.3633 0.3876 0.4110 0.4335 0.4553
0.4765 0.4970 0.5169 0.5363 0.5552
0.5737 0.5917 0.6093 0.6266 0.6435
0.6601 0.6764 0.6924 0.7082 0.7237
0.7390 0.7540 0.7689 0.7835 0.7980
0.8123 0.8264 0.8404 0.8542 0.8679
0.8814 0.8948 0.9081 0.9213 0.9343
0.9475 0.9610 0.9742 0.9872 1.0000

Width:

0.5145 0.5249 0.5353 0.5457 0.5561
0.5665 0.5769 0.5873 0.5977 0.6081
0.6185 0.6289 0.6393 0.6498 0.6602
0.6706 0.6810 0.6914 0.7018 0.7122
0.7226 0.7330 0.7434 0.7538 0.7642
0.7746 0.7850 0.7954 0.8059 0.8163
0.8267 0.8371 0.8475 0.8579 0.8683
0.8787 0.8891 0.8995 0.9099 0.9203
0.9307 0.9411 0.9515 0.9620 0.9724
0.9811 0.9859 0.9906 0.9953 1.0000

Transect 13A-S27

Area:

0.0006 0.0022 0.0050 0.0088 0.0138
0.0197 0.0260 0.0327 0.0398 0.0474
0.0553 0.0636 0.0724 0.0815 0.0911
0.1011 0.1114 0.1222 0.1334 0.1450
0.1570 0.1694 0.1829 0.1998 0.2178
0.2361 0.2546 0.2733 0.2922 0.3114
0.3308 0.3504 0.3703 0.3904 0.4108
0.4313 0.4530 0.4775 0.5048 0.5350
0.5680 0.6038 0.6425 0.6844 0.7300
0.7784 0.8296 0.8836 0.9404 1.0000

Hrad:

0.0314 0.0628 0.0941 0.1255 0.1569
0.2003 0.2452 0.2875 0.3278 0.3664
0.4036 0.4397 0.4747 0.5089 0.5424
0.5752 0.6074 0.6392 0.6705 0.7015
0.7321 0.7624 0.6978 0.6568 0.7016
0.7454 0.7882 0.8301 0.8712 0.9114
0.9508 0.9895 1.0276 1.0649 1.1017
1.1378 1.0872 1.0350 0.9977 0.9715
0.9541 0.9435 0.9385 0.9193 0.9252
0.9365 0.9498 0.9650 0.9818 1.0000

Width:

0.0181 0.0362 0.0543 0.0723 0.0904
0.1001 0.1067 0.1134 0.1201 0.1267
0.1334 0.1400 0.1467 0.1533 0.1600
0.1667 0.1733 0.1800 0.1866 0.1933
0.1999 0.2066 0.2489 0.2932 0.2971
0.3009 0.3047 0.3085 0.3123 0.3162
0.3200 0.3238 0.3276 0.3314 0.3353
0.3391 0.3778 0.4244 0.4710 0.5176
0.5641 0.6107 0.6573 0.7216 0.7701
0.8161 0.8621 0.9080 0.9540 1.0000

Transect 13A-S28

Area:

0.0013 0.0046 0.0082 0.0122 0.0165
0.0213 0.0263 0.0318 0.0376 0.0438
0.0503 0.0572 0.0644 0.0721 0.0801
0.0884 0.0971 0.1062 0.1156 0.1254
0.1356 0.1461 0.1570 0.1682 0.1799
0.1918 0.2042 0.2169 0.2299 0.2434
0.2572 0.2714 0.2872 0.3051 0.3252
0.3489 0.3761 0.4071 0.4418 0.4801
0.5221 0.5676 0.6154 0.6649 0.7163
0.7695 0.8244 0.8811 0.9397 1.0000

Hrad:

0.0319 0.0821 0.1303 0.1736 0.2133
0.2504 0.2855 0.3191 0.3515 0.3828
0.4134 0.4432 0.4725 0.5014 0.5298
0.5579 0.5856 0.6131 0.6404 0.6675
0.6944 0.7211 0.7477 0.7741 0.8004
0.8267 0.8528 0.8788 0.9048 0.9307
0.9565 0.9599 0.9099 0.8754 0.8283
0.7766 0.7437 0.7239 0.7137 0.7107
0.7131 0.7286 0.7629 0.7971 0.8311
0.8650 0.8989 0.9327 0.9664 1.0000

Width:

0.0433 0.0563 0.0623 0.0682 0.0741
0.0801 0.0860 0.0919 0.0978 0.1038
0.1097 0.1156 0.1215 0.1275 0.1334
0.1393 0.1452 0.1512 0.1571 0.1630
0.1689 0.1749 0.1808 0.1867 0.1926
0.1986 0.2045 0.2104 0.2163 0.2223
0.2282 0.2413 0.2753 0.3094 0.3558
0.4158 0.4758 0.5358 0.5958 0.6558
0.7158 0.7656 0.7949 0.8242 0.8535
0.8828 0.9121 0.9414 0.9707 1.0000

Transect 13A-S29

Area:

0.0013 0.0046 0.0082 0.0122 0.0165
0.0213 0.0263 0.0318 0.0376 0.0438
0.0503 0.0572 0.0644 0.0721 0.0801
0.0884 0.0971 0.1062 0.1156 0.1254
0.1356 0.1461 0.1570 0.1682 0.1799
0.1918 0.2042 0.2169 0.2299 0.2434
0.2572 0.2714 0.2872 0.3051 0.3252
0.3489 0.3761 0.4071 0.4418 0.4801
0.5221 0.5676 0.6154 0.6649 0.7163
0.7695 0.8244 0.8811 0.9397 1.0000

Hrad:

0.0319 0.0821 0.1303 0.1736 0.2133
0.2504 0.2855 0.3191 0.3515 0.3828
0.4134 0.4432 0.4725 0.5014 0.5298
0.5579 0.5856 0.6131 0.6404 0.6675
0.6944 0.7211 0.7477 0.7741 0.8004
0.8267 0.8528 0.8788 0.9048 0.9307
0.9565 0.9599 0.9099 0.8754 0.8283
0.7766 0.7437 0.7239 0.7137 0.7107
0.7131 0.7286 0.7629 0.7971 0.8311
0.8650 0.8989 0.9327 0.9664 1.0000

Width:

0.0433 0.0563 0.0623 0.0682 0.0741
0.0801 0.0860 0.0919 0.0978 0.1038
0.1097 0.1156 0.1215 0.1275 0.1334
0.1393 0.1452 0.1512 0.1571 0.1630
0.1689 0.1749 0.1808 0.1867 0.1926
0.1986 0.2045 0.2104 0.2163 0.2223
0.2282 0.2413 0.2753 0.3094 0.3558
0.4158 0.4758 0.5358 0.5958 0.6558
0.7158 0.7656 0.7949 0.8242 0.8535
0.8828 0.9121 0.9414 0.9707 1.0000

Transect 13A-S30

Area:

0.0007 0.0029 0.0064 0.0114 0.0176
0.0244 0.0318 0.0395 0.0478 0.0565
0.0657 0.0754 0.0855 0.0961 0.1072
0.1188 0.1308 0.1433 0.1563 0.1697
0.1836 0.1980 0.2129 0.2282 0.2440
0.2603 0.2770 0.2942 0.3119 0.3301
0.3487 0.3678 0.3874 0.4074 0.4279
0.4489 0.4704 0.4923 0.5147 0.5379
0.5643 0.5944 0.6286 0.6675 0.7112
0.7596 0.8126 0.8704 0.9328 1.0000

Hrad:

0.0356 0.0712 0.1068 0.1423 0.1884
0.2421 0.2926 0.3406 0.3865 0.4308
0.4736 0.5152 0.5557 0.5954 0.6343
0.6726 0.7102 0.7474 0.7841 0.8204
0.8563 0.8919 0.9272 0.9622 0.9970
1.0316 1.0660 1.1002 1.1342 1.1681
1.2018 1.2354 1.2689 1.3023 1.3355
1.3687 1.4018 1.4347 1.4677 1.4198
1.3153 1.2377 1.1530 1.0941 1.0534
1.0263 1.0094 1.0004 0.9977 1.0000

Width:
0.0205 0.0410 0.0615 0.0820 0.0950
0.1018 0.1086 0.1154 0.1222 0.1289
0.1357 0.1425 0.1493 0.1561 0.1628
0.1696 0.1764 0.1832 0.1900 0.1967
0.2035 0.2103 0.2171 0.2239 0.2306
0.2374 0.2442 0.2510 0.2578 0.2645
0.2713 0.2781 0.2849 0.2917 0.2984
0.3052 0.3120 0.3188 0.3256 0.3541
0.4059 0.4588 0.5264 0.5941 0.6617
0.7294 0.7970 0.8647 0.9323 1.0000

Transect 13A-S31
Area:
0.0009 0.0036 0.0081 0.0140 0.0201
0.0265 0.0332 0.0401 0.0473 0.0547
0.0624 0.0704 0.0786 0.0871 0.0958
0.1048 0.1141 0.1236 0.1334 0.1435
0.1538 0.1643 0.1751 0.1862 0.1976
0.2092 0.2210 0.2331 0.2455 0.2582
0.2711 0.2842 0.2977 0.3113 0.3253
0.3395 0.3569 0.3840 0.4209 0.4638
0.5069 0.5501 0.5937 0.6404 0.6909
0.7451 0.8032 0.8650 0.9306 1.0000

Hrad:
0.0368 0.0735 0.1103 0.1683 0.2276
0.2830 0.3350 0.3843 0.4311 0.4759
0.5188 0.5603 0.6003 0.6391 0.6769
0.7136 0.7496 0.7847 0.8192 0.8530
0.8862 0.9190 0.9512 0.9830 1.0145
1.0455 1.0762 1.1066 1.1367 1.1665
1.1961 1.2254 1.2546 1.2835 1.3122
1.3408 1.0039 0.7919 0.6852 0.7363
0.8012 0.8658 0.9059 0.9089 0.9165
0.9278 0.9423 0.9595 0.9788 1.0000

Width:
0.0254 0.0508 0.0762 0.0843 0.0880
0.0916 0.0953 0.0989 0.1026 0.1062
0.1098 0.1135 0.1171 0.1208 0.1244
0.1281 0.1317 0.1354 0.1390 0.1427
0.1463 0.1500 0.1536 0.1573 0.1609
0.1646 0.1682 0.1719 0.1755 0.1792
0.1828 0.1865 0.1901 0.1938 0.1974
0.2011 0.3103 0.4489 0.5875 0.6035
0.6054 0.6073 0.6283 0.6814 0.7345
0.7876 0.8407 0.8938 0.9469 1.0000

Transect 13A-S32
Area:
0.0004 0.0015 0.0033 0.0059 0.0092
0.0133 0.0181 0.0236 0.0299 0.0369
0.0446 0.0531 0.0623 0.0720 0.0820
0.0923 0.1030 0.1139 0.1252 0.1367
0.1486 0.1608 0.1732 0.1860 0.1991
0.2124 0.2261 0.2401 0.2543 0.2689
0.2838 0.2990 0.3144 0.3302 0.3463
0.3627 0.3794 0.3964 0.4153 0.4373
0.4648 0.4990 0.5399 0.5873 0.6413
0.7020 0.7693 0.8430 0.9202 1.0000

Hrad:
0.0389 0.0777 0.1166 0.1555 0.1944
0.2332 0.2721 0.3110 0.3499 0.3887
0.4276 0.4665 0.5116 0.5656 0.6179
0.6701 0.7217 0.7720 0.8209 0.8688
0.9156 0.9614 1.0064 1.0506 1.0940
1.1368 1.1790 1.2206 1.2616 1.3022
1.3423 1.3819 1.4212 1.4601 1.4987
1.5369 1.5748 1.5845 1.4613 1.3228
1.1381 1.0262 0.9569 0.9147 0.8909
0.8799 0.8785 0.8989 0.9497 1.0000

Width:
0.0091 0.0182 0.0273 0.0364 0.0455
0.0546 0.0636 0.0727 0.0818 0.0909
0.1000 0.1091 0.1164 0.1209 0.1254
0.1295 0.1332 0.1369 0.1406 0.1443
0.1480 0.1517 0.1554 0.1592 0.1629
0.1666 0.1703 0.1740 0.1777 0.1814
0.1851 0.1888 0.1926 0.1963 0.2000
0.2037 0.2074 0.2158 0.2509 0.2991
0.3806 0.4622 0.5437 0.6252 0.7068
0.7883 0.8698 0.9349 0.9674 1.0000

Transect 13A-S33
Area:
0.0004 0.0016 0.0036 0.0064 0.0100
0.0144 0.0196 0.0256 0.0324 0.0400
0.0485 0.0577 0.0677 0.0785 0.0901
0.1025 0.1157 0.1298 0.1446 0.1602
0.1766 0.1938 0.2119 0.2307 0.2503
0.2707 0.2920 0.3140 0.3368 0.3604
0.3849 0.4101 0.4361 0.4630 0.4906
0.5190 0.5483 0.5783 0.6091 0.6408
0.6732 0.7065 0.7405 0.7753 0.8110
0.8474 0.8847 0.9227 0.9611 1.0000

Hrad:
0.0195 0.0391 0.0586 0.0781 0.0976
0.1172 0.1367 0.1562 0.1758 0.1953
0.2148 0.2344 0.2539 0.2734 0.2929
0.3125 0.3320 0.3515 0.3711 0.3906
0.4101 0.4296 0.4492 0.4687 0.4882
0.5078 0.5273 0.5468 0.5664 0.5859
0.6054 0.6249 0.6445 0.6640 0.6835
0.7031 0.7226 0.7421 0.7616 0.7812
0.8007 0.8202 0.8398 0.8593 0.8788
0.8984 0.9179 0.9422 0.9712 1.0000

Width:
0.0205 0.0410 0.0615 0.0820 0.1025
0.1230 0.1435 0.1640 0.1845 0.2050
0.2255 0.2460 0.2665 0.2870 0.3075
0.3280 0.3485 0.3690 0.3895 0.4100
0.4306 0.4511 0.4716 0.4921 0.5126
0.5331 0.5536 0.5741 0.5946 0.6151
0.6356 0.6561 0.6766 0.6971 0.7176
0.7381 0.7586 0.7791 0.7996 0.8201
0.8406 0.8611 0.8816 0.9021 0.9226
0.9431 0.9636 0.9791 0.9895 1.0000

Transect 13A-S34
Area:
0.0032 0.0128 0.0267 0.0410 0.0556
0.0705 0.0857 0.1011 0.1168 0.1328
0.1491 0.1657 0.1826 0.1997 0.2171
0.2349 0.2528 0.2711 0.2897 0.3085
0.3277 0.3471 0.3668 0.3868 0.4071
0.4276 0.4484 0.4696 0.4910 0.5127
0.5346 0.5569 0.5794 0.6023 0.6254
0.6488 0.6725 0.6964 0.7207 0.7452
0.7700 0.7951 0.8203 0.8456 0.8710
0.8966 0.9222 0.9480 0.9740 1.0000

Hrad:
0.0223 0.0445 0.0820 0.1201 0.1555
0.1888 0.2200 0.2495 0.2775 0.3041
0.3294 0.3537 0.3769 0.3992 0.4208
0.4415 0.4616 0.4811 0.5000 0.5184
0.5362 0.5537 0.5707 0.5873 0.6036
0.6195 0.6351 0.6504 0.6655 0.6803
0.6948 0.7092 0.7233 0.7372 0.7510
0.7645 0.7779 0.7911 0.8042 0.8171
0.8299 0.8476 0.8673 0.8868 0.9061
0.9252 0.9442 0.9630 0.9816 1.0000

Width:
0.2454 0.4908 0.5425 0.5534 0.5643
0.5752 0.5860 0.5969 0.6078 0.6187
0.6296 0.6405 0.6513 0.6622 0.6731
0.6840 0.6949 0.7058 0.7166 0.7275
0.7384 0.7493 0.7602 0.7710 0.7819
0.7928 0.8037 0.8146 0.8255 0.8363
0.8472 0.8581 0.8690 0.8799 0.8908
0.9016 0.9125 0.9234 0.9343 0.9452
0.9561 0.9626 0.9673 0.9720 0.9766
0.9813 0.9860 0.9907 0.9953 1.0000

Transect 13B-S35
Area:
0.0015 0.0054 0.0099 0.0146 0.0195
0.0248 0.0303 0.0360 0.0421 0.0484

0.0549 0.0617 0.0688 0.0762 0.0838
0.0917 0.0998 0.1082 0.1169 0.1259
0.1351 0.1445 0.1543 0.1643 0.1746
0.1851 0.1959 0.2069 0.2183 0.2300
0.2449 0.2639 0.2869 0.3141 0.3453
0.3805 0.4197 0.4602 0.5009 0.5419
0.5831 0.6246 0.6665 0.7085 0.7509
0.7946 0.8398 0.8870 0.9385 1.0000
Hrad:
0.0387 0.0961 0.1602 0.2187 0.2726
0.3229 0.3703 0.4152 0.4581 0.4993
0.5390 0.5775 0.6149 0.6513 0.6869
0.7218 0.7560 0.7896 0.8228 0.8554
0.8877 0.9195 0.9511 0.9823 1.0132
1.0439 1.0743 1.1045 1.1346 1.0899
0.9315 0.8383 0.7826 0.7504 0.7340
0.7286 0.7490 0.8155 0.8815 0.9471
1.0123 1.0770 1.1414 1.2054 1.2689
1.3298 1.3878 1.4041 1.3771 1.0000
Width:
0.0401 0.0582 0.0618 0.0653 0.0689
0.0725 0.0761 0.0797 0.0833 0.0868
0.0904 0.0940 0.0976 0.1012 0.1048
0.1083 0.1119 0.1155 0.1191 0.1227
0.1262 0.1298 0.1334 0.1370 0.1406
0.1442 0.1477 0.1513 0.1549 0.1737
0.2288 0.2839 0.3390 0.3941 0.4492
0.5043 0.5447 0.5484 0.5521 0.5558
0.5595 0.5632 0.5669 0.5706 0.5788
0.6008 0.6229 0.6634 0.7267 1.0000

Transect 13B-S36
Area:
0.0022 0.0080 0.0142 0.0207 0.0275
0.0346 0.0419 0.0495 0.0574 0.0656
0.0740 0.0828 0.0918 0.1011 0.1106
0.1205 0.1306 0.1410 0.1516 0.1626
0.1738 0.1854 0.1992 0.2157 0.2350
0.2571 0.2820 0.3096 0.3393 0.3693
0.3995 0.4298 0.4602 0.4908 0.5215
0.5524 0.5834 0.6146 0.6459 0.6774
0.7090 0.7407 0.7726 0.8047 0.8369
0.8692 0.9017 0.9343 0.9671 1.0000
Hrad:
0.0214 0.0550 0.0912 0.1245 0.1552
0.1840 0.2110 0.2366 0.2609 0.2842
0.3066 0.3282 0.3491 0.3694 0.3891
0.4083 0.4271 0.4454 0.4635 0.4812
0.4986 0.4942 0.4518 0.4259 0.4108
0.4032 0.4009 0.4026 0.4269 0.4590
0.4905 0.5215 0.5519 0.5817 0.6111
0.6399 0.6683 0.6962 0.7237 0.7507
0.7773 0.8035 0.8293 0.8548 0.8798
0.9045 0.9289 0.9529 0.9766 1.0000
Width:
0.1359 0.1846 0.1930 0.2014 0.2099
0.2183 0.2267 0.2351 0.2435 0.2519
0.2603 0.2688 0.2772 0.2856 0.2940
0.3024 0.3108 0.3193 0.3277 0.3361
0.3445 0.3748 0.4590 0.5431 0.6273
0.7114 0.7956 0.8797 0.9072 0.9116
0.9161 0.9205 0.9249 0.9293 0.9337
0.9381 0.9426 0.9470 0.9514 0.9558
0.9602 0.9647 0.9691 0.9735 0.9779
0.9823 0.9867 0.9912 0.9956 1.0000

Transect 13B-S37
Area:
0.0063 0.0131 0.0205 0.0284 0.0369
0.0460 0.0556 0.0658 0.0766 0.0879
0.0998 0.1123 0.1253 0.1389 0.1530
0.1677 0.1830 0.1988 0.2152 0.2322
0.2497 0.2678 0.2865 0.3057 0.3255
0.3458 0.3667 0.3882 0.4103 0.4329
0.4560 0.4798 0.5041 0.5289 0.5544
0.5803 0.6069 0.6340 0.6617 0.6899
0.7187 0.7481 0.7780 0.8085 0.8396
0.8711 0.9028 0.9349 0.9673 1.0000
Hrad:
0.0346 0.0659 0.0947 0.1216 0.1470
0.1711 0.1943 0.2166 0.2382 0.2593
0.2799 0.3000 0.3198 0.3392 0.3584
0.3773 0.3960 0.4146 0.4329 0.4511
0.4691 0.4870 0.5048 0.5225 0.5401
0.5576 0.5750 0.5924 0.6097 0.6269
0.6440 0.6611 0.6782 0.6952 0.7122
0.7291 0.7460 0.7628 0.7796 0.7964
0.8132 0.8299 0.8466 0.8633 0.8807
0.9049 0.9289 0.9527 0.9764 1.0000
Width:
0.1990 0.2162 0.2333 0.2505 0.2677
0.2848 0.3020 0.3192 0.3363 0.3535
0.3707 0.3878 0.4050 0.4222 0.4393
0.4565 0.4737 0.4908 0.5080 0.5252
0.5424 0.5595 0.5767 0.5939 0.6110
0.6282 0.6454 0.6625 0.6797 0.6969
0.7140 0.7312 0.7484 0.7655 0.7827
0.7999 0.8170 0.8342 0.8514 0.8686
0.8857 0.9029 0.9201 0.9372 0.9536
0.9629 0.9722 0.9814 0.9907 1.0000

Transect 13B-S38
Area:
0.0008 0.0032 0.0071 0.0127 0.0198
0.0285 0.0379 0.0477 0.0578 0.0683
0.0791 0.0903 0.1018 0.1136 0.1259
0.1384 0.1513 0.1646 0.1782 0.1921
0.2064 0.2211 0.2361 0.2514 0.2671
0.2831 0.2995 0.3162 0.3333 0.3507
0.3685 0.3866 0.4051 0.4239 0.4431
0.4627 0.4839 0.5066 0.5310 0.5569
0.5845 0.6137 0.6462 0.6833 0.7252
0.7717 0.8228 0.8786 0.9385 1.0000
Hrad:
0.0334 0.0667 0.1001 0.1335 0.1669
0.2042 0.2555 0.3033 0.3480 0.3902
0.4301 0.4682 0.5047 0.5397 0.5735
0.6062 0.6378 0.6686 0.6987 0.7280
0.7566 0.7847 0.8123 0.8394 0.8661
0.8923 0.9182 0.9438 0.9690 0.9940
1.0187 1.0431 1.0673 1.0913 1.1151
1.1176 1.1045 1.0963 1.0921 1.0915
1.0940 1.0943 1.0361 0.9954 0.9677
0.9501 0.9403 0.9368 0.9610 1.0000
Width:
0.0254 0.0508 0.0763 0.1017 0.1271
0.1487 0.1543 0.1599 0.1654 0.1710
0.1766 0.1822 0.1878 0.1933 0.1989
0.2045 0.2101 0.2157 0.2212 0.2268
0.2324 0.2380 0.2436 0.2491 0.2547
0.2603 0.2659 0.2715 0.2770 0.2826
0.2882 0.2938 0.2994 0.3049 0.3105
0.3266 0.3524 0.3782 0.4040 0.4299
0.4557 0.4847 0.5595 0.6343 0.7092
0.7840 0.8588 0.9337 0.9768 1.0000

Transect 13B-S39
Area:
0.0008 0.0032 0.0071 0.0127 0.0198
0.0285 0.0379 0.0477 0.0578 0.0683
0.0791 0.0903 0.1018 0.1136 0.1259
0.1384 0.1513 0.1646 0.1782 0.1921
0.2064 0.2211 0.2361 0.2514 0.2671
0.2831 0.2995 0.3162 0.3333 0.3507
0.3685 0.3866 0.4051 0.4239 0.4431
0.4627 0.4839 0.5066 0.5310 0.5569
0.5845 0.6137 0.6462 0.6833 0.7252
0.7717 0.8228 0.8786 0.9385 1.0000
Hrad:
0.0334 0.0667 0.1001 0.1335 0.1669
0.2042 0.2555 0.3033 0.3480 0.3902
0.4301 0.4682 0.5047 0.5397 0.5735
0.6062 0.6378 0.6686 0.6987 0.7280
0.7566 0.7847 0.8123 0.8394 0.8661
0.8923 0.9182 0.9438 0.9690 0.9940
1.0187 1.0431 1.0673 1.0913 1.1151
1.1176 1.1045 1.0963 1.0921 1.0915
1.0940 1.0943 1.0361 0.9954 0.9677
0.9501 0.9403 0.9368 0.9610 1.0000
Width:
0.0254 0.0508 0.0763 0.1017 0.1271
0.1487 0.1543 0.1599 0.1654 0.1710
0.1766 0.1822 0.1878 0.1933 0.1989
0.2045 0.2101 0.2157 0.2212 0.2268
0.2324 0.2380 0.2436 0.2491 0.2547
0.2603 0.2659 0.2715 0.2770 0.2826

0.2882 0.2938 0.2994 0.3049 0.3105
0.3266 0.3524 0.3782 0.4040 0.4299
0.4557 0.4847 0.5595 0.6343 0.7092
0.7840 0.8588 0.9337 0.9768 1.0000

Transect 13B-S40
Area:
0.0016 0.0064 0.0142 0.0233 0.0328
0.0430 0.0536 0.0648 0.0766 0.0889
0.1017 0.1150 0.1290 0.1434 0.1584
0.1739 0.1900 0.2066 0.2237 0.2414
0.2596 0.2784 0.2977 0.3176 0.3379
0.3589 0.3803 0.4024 0.4249 0.4480
0.4716 0.4958 0.5205 0.5458 0.5715
0.5979 0.6247 0.6521 0.6799 0.7079
0.7361 0.7645 0.7931 0.8220 0.8511
0.8804 0.9100 0.9398 0.9698 1.0000
Hrad:
0.0177 0.0355 0.0573 0.0871 0.1150
0.1412 0.1660 0.1898 0.2125 0.2345
0.2557 0.2764 0.2965 0.3162 0.3354
0.3543 0.3728 0.3911 0.4091 0.4269
0.4445 0.4619 0.4791 0.4961 0.5130
0.5298 0.5464 0.5630 0.5794 0.5957
0.6120 0.6281 0.6442 0.6602 0.6761
0.6920 0.7078 0.7249 0.7488 0.7725
0.7960 0.8193 0.8425 0.8655 0.8883
0.9109 0.9334 0.9558 0.9780 1.0000
Width:
0.1050 0.2100 0.2891 0.3069 0.3247
0.3425 0.3603 0.3781 0.3959 0.4137
0.4315 0.4493 0.4671 0.4849 0.5027
0.5205 0.5383 0.5561 0.5739 0.5917
0.6096 0.6274 0.6452 0.6630 0.6808
0.6986 0.7164 0.7342 0.7520 0.7698
0.7876 0.8054 0.8232 0.8410 0.8588
0.8766 0.8944 0.9105 0.9180 0.9255
0.9329 0.9404 0.9478 0.9553 0.9627
0.9702 0.9776 0.9851 0.9925 1.0000

Transect 13B-S41
Area:
0.0018 0.0073 0.0162 0.0260 0.0364
0.0473 0.0588 0.0707 0.0831 0.0961
0.1096 0.1236 0.1381 0.1531 0.1687
0.1847 0.2013 0.2184 0.2360 0.2542
0.2728 0.2920 0.3116 0.3318 0.3525
0.3738 0.3955 0.4178 0.4405 0.4638
0.4876 0.5119 0.5368 0.5621 0.5880
0.6141 0.6404 0.6669 0.6936 0.7204
0.7475 0.7748 0.8023 0.8299 0.8578
0.8858 0.9141 0.9425 0.9712 1.0000
Hrad:
0.0181 0.0362 0.0606 0.0917 0.1209
0.1485 0.1749 0.2001 0.2244 0.2478
0.2706 0.2926 0.3142 0.3352 0.3558
0.3759 0.3958 0.4153 0.4345 0.4535
0.4722 0.4907 0.5090 0.5271 0.5450
0.5628 0.5804 0.5979 0.6153 0.6326
0.6497 0.6668 0.6838 0.7007 0.7191
0.7401 0.7606 0.7808 0.8006 0.8202
0.8394 0.8583 0.8769 0.8952 0.9133
0.9311 0.9487 0.9660 0.9831 1.0000
Width:
0.1265 0.2531 0.3322 0.3501 0.3679
0.3857 0.4036 0.4214 0.4393 0.4571
0.4749 0.4928 0.5106 0.5285 0.5463
0.5641 0.5820 0.5998 0.6176 0.6355
0.6533 0.6712 0.6890 0.7068 0.7247
0.7425 0.7604 0.7782 0.7960 0.8139
0.8317 0.8496 0.8674 0.8852 0.8988
0.9056 0.9123 0.9190 0.9258 0.9325
0.9393 0.9460 0.9528 0.9595 0.9663
0.9730 0.9798 0.9865 0.9933 1.0000

Transect 13B-S42
Area:
0.0021 0.0086 0.0173 0.0265 0.0362
0.0465 0.0572 0.0685 0.0803 0.0927
0.1055 0.1189 0.1328 0.1472 0.1621
0.1775 0.1935 0.2100 0.2270 0.2445
0.2626 0.2811 0.3002 0.3198 0.3399
0.3606 0.3817 0.4034 0.4256 0.4483
0.4716 0.4953 0.5196 0.5444 0.5697
0.5956 0.6219 0.6488 0.6762 0.7041
0.7322 0.7607 0.7895 0.8187 0.8481
0.8778 0.9079 0.9383 0.9690 1.0000
Hrad:
0.0179 0.0364 0.0686 0.0986 0.1270
0.1540 0.1799 0.2047 0.2286 0.2518
0.2744 0.2964 0.3179 0.3389 0.3596
0.3799 0.3998 0.4195 0.4390 0.4582
0.4772 0.4960 0.5146 0.5330 0.5514
0.5695 0.5876 0.6055 0.6233 0.6410
0.6586 0.6762 0.6936 0.7110 0.7283
0.7455 0.7627 0.7798 0.7969 0.8159
0.8353 0.8544 0.8733 0.8920 0.9105
0.9288 0.9468 0.9647 0.9825 1.0000
Width:
0.1376 0.2705 0.2872 0.3039 0.3205
0.3372 0.3539 0.3705 0.3872 0.4039
0.4205 0.4372 0.4539 0.4706 0.4872
0.5039 0.5206 0.5372 0.5539 0.5706
0.5872 0.6039 0.6206 0.6373 0.6539
0.6706 0.6873 0.7039 0.7206 0.7373
0.7539 0.7706 0.7873 0.8040 0.8206
0.8373 0.8540 0.8706 0.8873 0.8988
0.9090 0.9191 0.9292 0.9393 0.9494
0.9595 0.9697 0.9798 0.9899 1.0000

Transect 13B-S43
Area:
0.0011 0.0038 0.0071 0.0108 0.0149
0.0195 0.0246 0.0301 0.0362 0.0426
0.0496 0.0570 0.0648 0.0732 0.0827
0.0942 0.1078 0.1235 0.1412 0.1610
0.1828 0.2067 0.2315 0.2565 0.2818
0.3074 0.3332 0.3592 0.3855 0.4120
0.4388 0.4658 0.4931 0.5206 0.5483
0.5763 0.6046 0.6330 0.6618 0.6908
0.7200 0.7495 0.7793 0.8095 0.8401
0.8709 0.9022 0.9337 0.9657 1.0000
Hrad:
0.0194 0.0489 0.0763 0.1008 0.1235
0.1449 0.1654 0.1852 0.2046 0.2235
0.2420 0.2604 0.2785 0.2964 0.2780
0.2689 0.2674 0.2707 0.2773 0.2863
0.2972 0.3118 0.3434 0.3744 0.4047
0.4344 0.4636 0.4922 0.5202 0.5478
0.5748 0.6014 0.6276 0.6533 0.6787
0.7036 0.7282 0.7524 0.7762 0.7997
0.8230 0.8442 0.8648 0.8851 0.9053
0.9252 0.9449 0.9645 0.9838 1.0000
Width:
0.0516 0.0694 0.0802 0.0909 0.1017
0.1125 0.1233 0.1341 0.1449 0.1557
0.1664 0.1772 0.1880 0.1988 0.2442
0.2919 0.3396 0.3873 0.4350 0.4827
0.5304 0.5729 0.5786 0.5843 0.5900
0.5957 0.6014 0.6070 0.6127 0.6184
0.6241 0.6298 0.6355 0.6412 0.6469
0.6526 0.6583 0.6640 0.6697 0.6754
0.6811 0.6886 0.6966 0.7046 0.7127
0.7207 0.7287 0.7367 0.7448 1.0000

Transect 13B-S44
Area:
0.0012 0.0047 0.0094 0.0144 0.0198
0.0254 0.0313 0.0375 0.0439 0.0507
0.0578 0.0651 0.0727 0.0806 0.0888
0.0973 0.1061 0.1152 0.1245 0.1342
0.1441 0.1543 0.1649 0.1757 0.1867
0.1983 0.2122 0.2295 0.2501 0.2740
0.3013 0.3316 0.3631 0.3953 0.4281
0.4616 0.4957 0.5305 0.5660 0.6021
0.6389 0.6764 0.7145 0.7533 0.7927
0.8329 0.8737 0.9151 0.9572 1.0000
Hrad:
0.0223 0.0451 0.0845 0.1211 0.1553
0.1876 0.2182 0.2476 0.2758 0.3030
0.3294 0.3550 0.3800 0.4044 0.4284
0.4518 0.4749 0.4977 0.5201 0.5422
0.5641 0.5858 0.6072 0.6284 0.6494
0.6298 0.5500 0.4989 0.4682 0.4505
0.4415 0.4533 0.4864 0.5191 0.5514
0.5833 0.6149 0.6461 0.6770 0.7076

0.7379 0.7680 0.7977 0.8273 0.8566
0.8857 0.9146 0.9432 0.9717 1.0000
Width:
0.0540 0.1068 0.1134 0.1201 0.1268
0.1335 0.1402 0.1469 0.1535 0.1602
0.1669 0.1736 0.1803 0.1870 0.1937
0.2003 0.2070 0.2137 0.2204 0.2271
0.2338 0.2404 0.2471 0.2538 0.2605
0.2877 0.3617 0.4391 0.5164 0.5938
0.6712 0.7224 0.7379 0.7533 0.7687
0.7841 0.7995 0.8150 0.8304 0.8458
0.8612 0.8766 0.8921 0.9075 0.9229
0.9383 0.9537 0.9692 0.9846 1.0000

Transect 13B-S45
Area:
0.0014 0.0058 0.0130 0.0229 0.0339
0.0453 0.0572 0.0695 0.0823 0.0956
0.1093 0.1235 0.1382 0.1533 0.1688
0.1849 0.2014 0.2183 0.2357 0.2536
0.2720 0.2908 0.3100 0.3298 0.3499
0.3706 0.3917 0.4133 0.4353 0.4578
0.4807 0.5042 0.5280 0.5524 0.5772
0.6024 0.6282 0.6543 0.6810 0.7081
0.7356 0.7637 0.7922 0.8211 0.8504
0.8799 0.9097 0.9396 0.9697 1.0000
Hrad:
0.0164 0.0328 0.0492 0.0699 0.0986
0.1261 0.1525 0.1780 0.2026 0.2265
0.2497 0.2724 0.2945 0.3161 0.3373
0.3581 0.3785 0.3986 0.4184 0.4379
0.4571 0.4762 0.4950 0.5136 0.5320
0.5502 0.5683 0.5862 0.6040 0.6217
0.6392 0.6566 0.6739 0.6911 0.7082
0.7252 0.7421 0.7589 0.7757 0.7924
0.8090 0.8255 0.8420 0.8585 0.8816
0.9056 0.9294 0.9531 0.9766 1.0000
Width:
0.0946 0.1892 0.2839 0.3528 0.3679
0.3831 0.3983 0.4134 0.4286 0.4437
0.4589 0.4741 0.4892 0.5044 0.5196
0.5347 0.5499 0.5650 0.5802 0.5954
0.6105 0.6257 0.6409 0.6560 0.6712
0.6864 0.7015 0.7167 0.7318 0.7470
0.7622 0.7773 0.7925 0.8077 0.8228
0.8380 0.8531 0.8683 0.8835 0.8986
0.9138 0.9290 0.9441 0.9593 0.9669
0.9735 0.9801 0.9868 0.9934 1.0000

Transect 13B-S46
Area:
0.0029 0.0106 0.0194 0.0287 0.0385
0.0489 0.0597 0.0712 0.0831 0.0956
0.1086 0.1222 0.1363 0.1509 0.1660
0.1817 0.1979 0.2147 0.2320 0.2498
0.2681 0.2870 0.3064 0.3264 0.3469
0.3679 0.3894 0.4115 0.4341 0.4573
0.4809 0.5051 0.5299 0.5552 0.5810
0.6073 0.6339 0.6608 0.6878 0.7151
0.7426 0.7703 0.7983 0.8264 0.8548
0.8834 0.9122 0.9413 0.9705 1.0000
Hrad:
0.0171 0.0425 0.0725 0.1007 0.1274
0.1528 0.1772 0.2008 0.2235 0.2456
0.2671 0.2881 0.3086 0.3287 0.3485
0.3680 0.3872 0.4061 0.4248 0.4433
0.4616 0.4797 0.4977 0.5155 0.5332
0.5507 0.5682 0.5855 0.6027 0.6199
0.6369 0.6539 0.6708 0.6876 0.7044
0.7226 0.7442 0.7654 0.7864 0.8071
0.8275 0.8476 0.8675 0.8871 0.9065
0.9256 0.9445 0.9632 0.9817 1.0000
Width:
0.1938 0.2871 0.3051 0.3231 0.3411
0.3591 0.3771 0.3952 0.4132 0.4312
0.4492 0.4672 0.4852 0.5032 0.5212
0.5392 0.5572 0.5752 0.5932 0.6113
0.6293 0.6473 0.6653 0.6833 0.7013
0.7193 0.7373 0.7553 0.7733 0.7913
0.8094 0.8274 0.8454 0.8634 0.8814
0.8964 0.9038 0.9112 0.9186 0.9260
0.9334 0.9408 0.9482 0.9556 0.9630
0.9704 0.9778 0.9852 0.9926 1.0000

Transect 13B-S47
Area:
0.0049 0.0134 0.0225 0.0323 0.0427
0.0537 0.0653 0.0776 0.0904 0.1039
0.1181 0.1328 0.1481 0.1641 0.1807
0.1979 0.2158 0.2343 0.2533 0.2730
0.2934 0.3143 0.3359 0.3581 0.3806
0.4033 0.4261 0.4492 0.4724 0.4958
0.5193 0.5430 0.5669 0.5910 0.6153
0.6397 0.6643 0.6891 0.7140 0.7392
0.7645 0.7899 0.8156 0.8414 0.8674
0.8936 0.9199 0.9464 0.9731 1.0000
Hrad:
0.0177 0.0448 0.0700 0.0936 0.1159
0.1371 0.1575 0.1771 0.1962 0.2146
0.2327 0.2503 0.2676 0.2845 0.3012
0.3177 0.3339 0.3500 0.3658 0.3815
0.3971 0.4125 0.4278 0.4447 0.4683
0.4917 0.5148 0.5378 0.5605 0.5831
0.6055 0.6277 0.6497 0.6715 0.6931
0.7146 0.7360 0.7571 0.7781 0.7990
0.8197 0.8403 0.8607 0.8810 0.9011
0.9212 0.9411 0.9608 0.9805 1.0000
Width:
0.3045 0.3276 0.3506 0.3737 0.3967
0.4198 0.4429 0.4659 0.4890 0.5120
0.5351 0.5582 0.5812 0.6043 0.6273
0.6504 0.6734 0.6965 0.7196 0.7426
0.7657 0.7887 0.8118 0.8317 0.8382
0.8446 0.8511 0.8576 0.8641 0.8705
0.8770 0.8835 0.8900 0.8964 0.9029
0.9094 0.9159 0.9223 0.9288 0.9353
0.9417 0.9482 0.9547 0.9612 0.9676
0.9741 0.9806 0.9871 0.9935 1.0000

Transect 13B-S48
Area:
0.0009 0.0038 0.0085 0.0151 0.0236
0.0340 0.0457 0.0579 0.0705 0.0837
0.0973 0.1114 0.1260 0.1411 0.1567
0.1728 0.1893 0.2064 0.2239 0.2419
0.2605 0.2795 0.2989 0.3189 0.3394
0.3604 0.3818 0.4037 0.4262 0.4491
0.4725 0.4964 0.5207 0.5456 0.5710
0.5968 0.6231 0.6500 0.6773 0.7051
0.7334 0.7621 0.7914 0.8207 0.8503
0.8799 0.9097 0.9397 0.9698 1.0000
Hrad:
0.0169 0.0337 0.0506 0.0674 0.0843
0.1011 0.1284 0.1552 0.1809 0.2057
0.2297 0.2529 0.2755 0.2975 0.3190
0.3400 0.3606 0.3808 0.4007 0.4202
0.4395 0.4585 0.4772 0.4957 0.5140
0.5321 0.5501 0.5678 0.5854 0.6029
0.6203 0.6375 0.6546 0.6715 0.6884
0.7052 0.7219 0.7385 0.7550 0.7715
0.7879 0.8042 0.8257 0.8511 0.8763
0.9014 0.9263 0.9510 0.9756 1.0000
Width:
0.0624 0.1248 0.1872 0.2496 0.3120
0.3744 0.3933 0.4094 0.4255 0.4417
0.4578 0.4739 0.4900 0.5062 0.5223
0.5384 0.5545 0.5707 0.5868 0.6029
0.6190 0.6352 0.6513 0.6674 0.6835
0.6997 0.7158 0.7319 0.7480 0.7642
0.7803 0.7964 0.8125 0.8287 0.8448
0.8609 0.8770 0.8932 0.9093 0.9254
0.9415 0.9577 0.9672 0.9719 0.9766
0.9813 0.9859 0.9906 0.9953 1.0000

Transect 13B-S49
Area:
0.0008 0.0032 0.0071 0.0127 0.0198
0.0285 0.0379 0.0477 0.0578 0.0683
0.0791 0.0903 0.1018 0.1136 0.1259
0.1384 0.1513 0.1646 0.1782 0.1921
0.2064 0.2211 0.2361 0.2514 0.2671
0.2831 0.2995 0.3162 0.3333 0.3507
0.3685 0.3866 0.4051 0.4239 0.4431
0.4627 0.4839 0.5066 0.5310 0.5569
0.5845 0.6137 0.6462 0.6833 0.7252
0.7717 0.8228 0.8786 0.9385 1.0000

Hrad:

0.0334	0.0667	0.1001	0.1335	0.1669
0.2042	0.2555	0.3033	0.3480	0.3902
0.4301	0.4682	0.5047	0.5397	0.5735
0.6062	0.6378	0.6686	0.6987	0.7280
0.7566	0.7847	0.8123	0.8394	0.8661
0.8923	0.9182	0.9438	0.9690	0.9940
1.0187	1.0431	1.0673	1.0913	1.1151
1.1176	1.1045	1.0963	1.0921	1.0915
1.0940	1.0943	1.0361	0.9954	0.9677
0.9501	0.9403	0.9368	0.9610	1.0000

Width:

0.0254	0.0508	0.0763	0.1017	0.1271
0.1487	0.1543	0.1599	0.1654	0.1710
0.1766	0.1822	0.1878	0.1933	0.1989
0.2045	0.2101	0.2157	0.2212	0.2268
0.2324	0.2380	0.2436	0.2491	0.2547
0.2603	0.2659	0.2715	0.2770	0.2826
0.2882	0.2938	0.2994	0.3049	0.3105
0.3266	0.3524	0.3782	0.4040	0.4299
0.4557	0.4847	0.5595	0.6343	0.7092
0.7840	0.8588	0.9337	0.9768	1.0000

Transect 13B-S50

Area:

0.0007	0.0026	0.0059	0.0104	0.0163
0.0235	0.0320	0.0418	0.0529	0.0649
0.0776	0.0909	0.1047	0.1192	0.1343
0.1501	0.1664	0.1833	0.2009	0.2191
0.2379	0.2573	0.2773	0.2979	0.3191
0.3410	0.3634	0.3865	0.4102	0.4345
0.4592	0.4842	0.5097	0.5355	0.5617
0.5882	0.6152	0.6425	0.6702	0.6983
0.7268	0.7556	0.7848	0.8144	0.8444
0.8748	0.9055	0.9366	0.9681	1.0000

Hrad:

0.0188	0.0376	0.0564	0.0752	0.0940
0.1128	0.1316	0.1504	0.1695	0.1966
0.2227	0.2478	0.2722	0.2959	0.3190
0.3416	0.3638	0.3855	0.4069	0.4280
0.4488	0.4693	0.4896	0.5096	0.5295
0.5492	0.5688	0.5882	0.6074	0.6278
0.6490	0.6699	0.6904	0.7105	0.7303
0.7499	0.7691	0.7881	0.8069	0.8254
0.8437	0.8618	0.8796	0.8973	0.9148
0.9322	0.9494	0.9664	0.9833	1.0000

Width:

0.0407	0.0815	0.1222	0.1629	0.2037
0.2444	0.2851	0.3259	0.3660	0.3852
0.4043	0.4234	0.4425	0.4616	0.4807
0.4999	0.5190	0.5381	0.5572	0.5763
0.5954	0.6146	0.6337	0.6528	0.6719
0.6910	0.7101	0.7293	0.7484	0.7638
0.7756	0.7874	0.7992	0.8110	0.8228
0.8346	0.8464	0.8583	0.8701	0.8819
0.8937	0.9055	0.9173	0.9291	0.9409
0.9528	0.9646	0.9764	0.9882	1.0000

Transect 13B-S51

Area:

0.0007	0.0026	0.0059	0.0104	0.0163
0.0235	0.0320	0.0418	0.0529	0.0649
0.0776	0.0909	0.1047	0.1192	0.1343
0.1501	0.1664	0.1833	0.2009	0.2191
0.2379	0.2573	0.2773	0.2979	0.3191
0.3410	0.3634	0.3865	0.4102	0.4345
0.4592	0.4842	0.5097	0.5355	0.5617
0.5882	0.6152	0.6425	0.6702	0.6983
0.7268	0.7556	0.7848	0.8144	0.8444
0.8748	0.9055	0.9366	0.9681	1.0000

Hrad:

0.0188	0.0376	0.0564	0.0752	0.0940
0.1128	0.1316	0.1504	0.1695	0.1966
0.2227	0.2478	0.2722	0.2959	0.3190
0.3416	0.3638	0.3855	0.4069	0.4280
0.4488	0.4693	0.4896	0.5096	0.5295
0.5492	0.5688	0.5882	0.6074	0.6278
0.6490	0.6699	0.6904	0.7105	0.7303
0.7499	0.7691	0.7881	0.8069	0.8254
0.8437	0.8618	0.8796	0.8973	0.9148
0.9322	0.9494	0.9664	0.9833	1.0000

Width:

0.0407	0.0815	0.1222	0.1629	0.2037
0.2444	0.2851	0.3259	0.3660	0.3852
0.4043	0.4234	0.4425	0.4616	0.4807
0.4999	0.5190	0.5381	0.5572	0.5763
0.5954	0.6146	0.6337	0.6528	0.6719
0.6910	0.7101	0.7293	0.7484	0.7638
0.7756	0.7874	0.7992	0.8110	0.8228
0.8346	0.8464	0.8583	0.8701	0.8819
0.8937	0.9055	0.9173	0.9291	0.9409
0.9528	0.9646	0.9764	0.9882	1.0000

Transect 13B-S52

Area:

0.0005	0.0022	0.0049	0.0087	0.0128
0.0171	0.0217	0.0265	0.0316	0.0370
0.0426	0.0484	0.0545	0.0608	0.0674
0.0743	0.0814	0.0887	0.0963	0.1042
0.1123	0.1206	0.1292	0.1381	0.1472
0.1566	0.1662	0.1760	0.1861	0.1965
0.2071	0.2209	0.2409	0.2671	0.2994
0.3379	0.3796	0.4214	0.4638	0.5073
0.5518	0.5974	0.6441	0.6917	0.7405
0.7903	0.8411	0.8930	0.9460	1.0000

Hrad:

0.0277	0.0554	0.0831	0.1197	0.1624
0.2017	0.2385	0.2732	0.3062	0.3377
0.3680	0.3973	0.4258	0.4535	0.4805
0.5070	0.5329	0.5584	0.5836	0.6084
0.6328	0.6570	0.6810	0.7047	0.7281
0.7515	0.7746	0.7976	0.8204	0.8431
0.8656	0.6380	0.5315	0.4767	0.4487
0.4364	0.4881	0.5395	0.5803	0.6205
0.6602	0.6995	0.7383	0.7768	0.8148
0.8525	0.8898	0.9269	0.9636	1.0000

Width:

0.0201	0.0402	0.0603	0.0727	0.0773
0.0819	0.0865	0.0911	0.0957	0.1003
0.1049	0.1095	0.1141	0.1187	0.1233
0.1279	0.1325	0.1370	0.1416	0.1462
0.1508	0.1554	0.1600	0.1646	0.1692
0.1738	0.1784	0.1830	0.1876	0.1922
0.1968	0.3100	0.4232	0.5363	0.6495
0.7627	0.7655	0.7683	0.7876	0.8069
0.8263	0.8456	0.8649	0.8842	0.9035
0.9228	0.9421	0.9614	0.9807	1.0000

Transect 13B-S53

Area:

0.0032	0.0122	0.0225	0.0333	0.0445
0.0562	0.0684	0.0810	0.0941	0.1077
0.1218	0.1364	0.1514	0.1669	0.1828
0.1993	0.2162	0.2336	0.2515	0.2698
0.2886	0.3079	0.3277	0.3479	0.3686
0.3898	0.4114	0.4336	0.4562	0.4793
0.5028	0.5268	0.5510	0.5755	0.6002
0.6252	0.6504	0.6758	0.7015	0.7274
0.7536	0.7800	0.8066	0.8335	0.8607
0.8881	0.9157	0.9435	0.9717	1.0000

Hrad:

0.0215	0.0519	0.0892	0.1236	0.1557
0.1858	0.2142	0.2413	0.2671	0.2919
0.3157	0.3388	0.3612	0.3829	0.4041
0.4248	0.4451	0.4649	0.4844	0.5036
0.5225	0.5411	0.5594	0.5775	0.5954
0.6132	0.6307	0.6481	0.6653	0.6824
0.6993	0.7173	0.7356	0.7534	0.7708
0.7880	0.8047	0.8212	0.8374	0.8533
0.8690	0.8844	0.8996	0.9145	0.9292
0.9438	0.9581	0.9722	0.9862	1.0000

Width:

0.2274	0.3527	0.3693	0.3860	0.4026
0.4193	0.4359	0.4526	0.4692	0.4859
0.5026	0.5192	0.5359	0.5525	0.5692
0.5858	0.6025	0.6191	0.6358	0.6525
0.6691	0.6858	0.7024	0.7191	0.7357
0.7524	0.7690	0.7857	0.8024	0.8190
0.8357	0.8467	0.8552	0.8638	0.8723
0.8808	0.8893	0.8978	0.9063	0.9149
0.9234	0.9319	0.9404	0.9489	0.9574
0.9659	0.9745	0.9830	0.9915	1.0000

Transect 13B-S54

Area:

0.0004	0.0017	0.0038	0.0068	0.0106

0.0153	0.0208	0.0271	0.0343	0.0424
0.0513	0.0610	0.0716	0.0828	0.0942
0.1059	0.1178	0.1300	0.1424	0.1550
0.1679	0.1811	0.1945	0.2094	0.2265
0.2457	0.2671	0.2906	0.3163	0.3441
0.3741	0.4060	0.4382	0.4706	0.5030
0.5355	0.5682	0.6009	0.6336	0.6665
0.6995	0.7325	0.7656	0.7989	0.8322
0.8656	0.8990	0.9326	0.9663	1.0000

Hrad:

0.0180	0.0359	0.0539	0.0718	0.0898
0.1078	0.1257	0.1437	0.1616	0.1796
0.1975	0.2155	0.2335	0.2624	0.2912
0.3193	0.3468	0.3738	0.4002	0.4262
0.4516	0.4767	0.4902	0.4593	0.4397
0.4278	0.4216	0.4195	0.4207	0.4243
0.4299	0.4493	0.4821	0.5147	0.5470
0.5790	0.6107	0.6421	0.6733	0.7042
0.7349	0.7653	0.7955	0.8254	0.8551
0.8845	0.9137	0.9427	0.9715	1.0000

Width:

0.0251	0.0502	0.0753	0.1004	0.1255
0.1506	0.1757	0.2008	0.2259	0.2510
0.2761	0.3012	0.3263	0.3343	0.3416
0.3489	0.3562	0.3635	0.3708	0.3781
0.3854	0.3927	0.4098	0.4735	0.5372
0.6008	0.6645	0.7282	0.7919	0.8556
0.9193	0.9537	0.9563	0.9589	0.9614
0.9640	0.9666	0.9692	0.9717	0.9743
0.9769	0.9794	0.9820	0.9846	0.9871
0.9897	0.9923	0.9949	0.9974	1.0000

WARNING 01: wet weather time step reduced to recording interval for Rain Gage Chiusi

Runoff Quantity Continuity	Volume hectare-m	Depth mm
Total Precipitation	6.741	46.450
Evaporation Loss	0.000	0.000
Infiltration Loss	4.273	29.447
Surface Runoff	1.940	13.367
Final Surface Storage	0.529	3.643
Continuity Error (%)	-0.016	

Flow Routing Continuity	Volume hectare-m	Volume 10^6 ltr
Dry Weather Inflow	0.000	0.000
Wet Weather Inflow	1.940	19.400
Groundwater Inflow	0.000	0.000
RDII Inflow	0.000	0.000
External Inflow	2.619	26.191
External Outflow	1.252	12.516
Internal Outflow	3.100	30.997
Evaporation Loss	0.000	0.000
Initial Stored Volume	0.042	0.419
Final Stored Volume	0.243	2.435
Continuity Error (%)	0.137	

Highest Continuity Errors

Node 13B-N088 (39.78%)
Node 13B-N089 (11.11%)
Node 13A-N138 (4.84%)
Node 13A-N058 (4.59%)
Node 13A-N128 (3.89%)

Time-Step Critical Elements

Link 13B-C088 (80.30%)
Link 13A-C214 (6.99%)
Link 13A-C217 (4.88%)
Link 13A-C142 (4.73%)

Highest Flow Instability Indexes

All links are stable.

Routing Time Step Summary

Minimum Time Step	:	0.50 sec
Average Time Step	:	0.50 sec
Maximum Time Step	:	0.63 sec
Percent in Steady State	:	0.00
Average Iterations per Step	:	2.01

Subcatchment Runoff Summary

Subcatchment	Total Precip mm	Total Runon mm	Total Evap mm	Total Infil mm	Total Runoff mm	Total Runoff 10^6 ltr	Peak Runoff LPS	Runoff Coeff
13A-S001	46.450	90.152	0.000	9.536	121.849	0.268	225.960	0.892
13A-S002	46.450	0.000	0.000	36.326	8.756	0.082	49.242	0.189
13A-S003	46.450	0.000	0.000	13.341	30.218	0.900	916.142	0.651
13A-S004	46.450	0.000	0.000	33.794	11.330	0.187	108.569	0.244
13A-S005	46.450	0.000	0.000	27.729	16.562	0.431	460.074	0.357
13A-S006	46.450	0.000	0.000	8.905	34.402	0.065	72.220	0.741
13A-S07A	46.450	56.668	0.000	11.854	84.766	0.644	636.788	0.822
13A-S07B	46.450	0.000	0.000	11.650	31.641	0.054	64.370	0.681
13A-S07C	46.450	0.000	0.000	11.731	31.574	0.227	265.517	0.680
13A-S008	46.450	0.000	0.000	13.576	29.725	0.021	25.781	0.640
13A-S009	46.450	0.000	0.000	13.576	29.724	0.077	94.842	0.640
13A-S010	46.450	0.000	0.000	11.731	31.570	0.281	327.631	0.680
13A-S011	46.450	140.075	0.000	10.168	171.169	0.428	449.946	0.918
13A-S012	46.450	43.671	0.000	10.214	74.404	0.216	207.761	0.826
13A-S013	46.450	0.000	0.000	9.068	34.224	0.127	125.972	0.737
13A-S014	46.450	0.000	0.000	8.905	34.400	0.107	117.657	0.741
13A-S015	46.450	0.000	0.000	9.221	34.111	0.116	126.241	0.734
13A-S016	46.450	0.000	0.000	27.140	16.987	0.046	58.498	0.366
13A-S017	46.450	0.000	0.000	23.079	20.806	0.121	147.233	0.448
13A-S018	46.450	0.000	0.000	8.923	34.372	0.096	104.463	0.740
13A-S019	46.450	0.000	0.000	21.219	22.753	0.148	149.951	0.490
13A-S020	46.450	0.000	0.000	8.941	34.350	0.182	194.923	0.739
13A-S021	46.450	0.000	0.000	8.995	34.297	0.171	177.909	0.738
13A-S022	46.450	0.000	0.000	12.159	31.267	0.550	588.638	0.673
13A-S023	46.450	0.000	0.000	22.738	21.394	0.304	308.766	0.461
13A-S024	46.450	0.000	0.000	40.145	4.864	0.108	106.825	0.105
13A-S025	46.450	9.171	0.000	27.356	16.541	3.781	855.286	0.297
13A-S026	46.450	0.000	0.000	35.727	8.918	0.644	814.292	0.192
13A-S027	46.450	0.000	0.000	35.690	9.315	1.452	679.904	0.201
13A-S028	46.450	0.000	0.000	8.905	34.396	0.158	174.281	0.741
13A-S029	46.450	0.000	0.000	40.702	4.247	0.035	45.154	0.091
13A-S030	46.450	0.000	0.000	9.013	34.280	0.154	158.520	0.738
13A-S031	46.450	0.000	0.000	9.050	34.233	0.089	88.994	0.737
13A-S032	46.450	0.000	0.000	9.371	33.922	0.075	81.837	0.730
13A-S033	46.450	10.805	0.000	7.620	44.233	0.084	93.029	0.773
13A-S034	46.450	0.000	0.000	18.093	25.651	0.021	28.731	0.552
13A-S035	46.450	0.000	0.000	27.539	16.954	0.017	14.923	0.365
13A-S036	46.450	0.000	0.000	42.991	2.127	0.001	1.942	0.046
13A-S037	46.450	0.000	0.000	39.371	5.522	0.006	7.209	0.119
13A-S38A	46.450	0.000	0.000	37.989	6.795	0.097	123.813	0.146
13A-S38B	46.450	0.000	0.000	37.989	6.795	0.060	76.621	0.146
13A-S039	46.450	9.493	0.000	7.489	42.979	0.271	259.137	0.768
13A-S040	46.450	0.000	0.000	9.013	34.287	0.096	99.056	0.738
13A-S041	46.450	0.000	0.000	8.923	34.374	0.014	14.937	0.740
13A-S042	46.450	0.000	0.000	8.851	34.456	0.090	102.446	0.742
13A-S043	46.450	0.000	0.000	9.351	33.956	0.098	109.591	0.731
13A-S044	46.450	0.000	0.000	8.833	34.468	0.076	87.471	0.742
13A-S045	46.450	0.000	0.000	8.977	34.325	0.350	369.249	0.739
13A-S46A	46.450	0.000	0.000	10.558	32.729	0.389	390.717	0.705
13A-S46B	46.450	51.149	0.000	10.249	81.563	0.155	184.388	0.836
13A-S047	46.450	0.000	0.000	25.084	19.076	0.477	485.182	0.411
13A-S048	46.450	0.000	0.000	29.741	15.336	0.051	27.834	0.330
13A-S049	46.450	0.000	0.000	8.869	34.445	0.158	179.987	0.742
13A-S050	46.450	0.000	0.000	8.887	34.411	0.089	99.378	0.741
13A-S051	46.450	0.000	0.000	8.851	34.458	0.127	146.079	0.742
13A-S052	46.450	0.000	0.000	9.390	33.903	0.190	206.507	0.730
13A-S053	46.450	0.000	0.000	35.081	9.700	1.113	917.866	0.209
13A-S054	46.450	0.000	0.000	8.797	34.533	0.028	33.505	0.743
13B-S001	46.450	0.000	0.000	8.869	34.427	0.103	115.897	0.741
13B-S002	46.450	0.000	0.000	8.402	34.905	0.199	224.323	0.751
13B-S003	46.450	0.000	0.000	8.797	34.518	0.072	86.736	0.743

13B-S004	46.450	0.000	0.000	8.923	34.368	0.330	357.033	0.740
13B-S005	46.450	0.000	0.000	8.815	34.491	0.121	141.570	0.743
13B-S006	46.450	0.000	0.000	9.586	33.695	0.182	178.501	0.725
13B-S007	46.450	0.000	0.000	42.576	2.549	0.022	28.616	0.055
13B-S008	46.450	0.000	0.000	9.606	33.684	0.202	197.139	0.725
13B-S009	46.450	0.000	0.000	9.508	33.783	0.095	97.107	0.727
13B-S010	46.450	0.000	0.000	10.672	32.605	0.554	521.974	0.702
13B-S011	46.450	0.000	0.000	38.296	6.711	1.405	1007.905	0.144
13B-S012	46.450	0.000	0.000	14.882	28.556	0.371	423.874	0.615
13B-S013	46.450	0.000	0.000	17.922	25.769	0.523	564.722	0.555
13B-S14A	46.450	3.190	0.000	25.811	10.745	0.114	72.381	0.216
13B-S14B	46.450	0.000	0.000	37.769	7.173	0.038	35.160	0.154
13B-S14C	46.450	0.000	0.000	38.733	6.122	0.582	603.233	0.132
13B-S14D	46.450	0.000	0.000	37.945	6.981	0.061	58.195	0.150
13B-S015	46.450	0.000	0.000	8.353	34.958	0.084	98.941	0.753
13B-S016	46.450	0.000	0.000	8.815	34.508	0.038	45.083	0.743
13B-S017	46.450	0.000	0.000	8.815	34.510	0.031	36.935	0.743
13B-S018	46.450	0.000	0.000	8.833	34.488	0.041	48.406	0.742
13B-S019	46.450	0.000	0.000	9.351	33.955	0.095	105.712	0.731
13B-S020	46.450	0.000	0.000	8.869	34.427	0.100	112.122	0.741
13B-S021	46.450	0.000	0.000	8.451	34.847	0.132	142.801	0.750
13B-S022	46.450	0.000	0.000	38.028	6.775	0.522	608.781	0.146
13B-S023	46.450	0.000	0.000	21.823	22.538	0.034	25.760	0.485
13B-S024	46.450	0.000	0.000	8.851	34.447	0.162	184.202	0.742
13B-S025	46.450	0.000	0.000	10.377	32.916	0.194	213.275	0.709
System	46.450	2.352	0.000	29.447	15.719	22.811	18996.669	0.322

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Node Depth Summary
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Node	Type	Average Depth Meters	Maximum Depth Meters	Maximum HGL Meters	Time of Max Occurrence days hr:min
13A-N001	JUNCTION	0.14	1.30	251.98	0 00:39
13A-N003	JUNCTION	0.10	0.77	251.23	0 01:39
13A-N004	JUNCTION	0.10	0.71	251.23	0 01:39
13A-N005	JUNCTION	0.18	1.22	251.23	0 01:39
13A-N006	JUNCTION	0.09	0.67	251.23	0 01:39
13A-N007	JUNCTION	0.23	1.43	251.23	0 01:37
13A-N008	JUNCTION	0.09	0.65	251.23	0 01:39
13A-N009	JUNCTION	0.08	0.60	251.23	0 01:38
13A-N010	JUNCTION	0.16	0.69	251.24	0 00:36
13A-N011	JUNCTION	0.08	0.60	251.26	0 00:37
13A-N012	JUNCTION	0.18	0.72	251.28	0 00:37
13A-N013	JUNCTION	0.07	0.60	251.30	0 00:37
13A-N014	JUNCTION	0.06	0.54	251.33	0 00:38
13A-N015	JUNCTION	0.05	0.47	251.35	0 00:38
13A-N016	JUNCTION	0.03	0.40	251.37	0 00:38
13A-N017	JUNCTION	0.08	0.47	251.39	0 00:38
13A-N018	JUNCTION	0.05	0.46	251.42	0 00:38
13A-N019	JUNCTION	0.00	0.00	265.38	0 00:00
13A-N020	JUNCTION	0.00	0.09	264.06	0 00:32
13A-N022	JUNCTION	0.00	0.24	263.15	0 00:32
13A-N023	JUNCTION	0.01	0.16	260.67	0 00:32
13A-N024	JUNCTION	0.02	0.56	259.38	0 00:36
13A-N025	JUNCTION	0.02	0.69	257.32	0 00:45
13A-N026	JUNCTION	0.03	0.93	255.94	0 00:50
13A-N027	JUNCTION	0.05	1.11	253.63	0 00:53
13A-N028	JUNCTION	0.01	0.40	258.80	0 00:32
13A-N031	JUNCTION	0.01	0.21	258.04	0 00:32
13A-N032	JUNCTION	0.01	0.66	257.82	0 00:34
13A-N033	JUNCTION	0.01	0.23	256.64	0 00:32
13A-N040	JUNCTION	0.09	1.34	252.44	0 00:40
13A-N043	JUNCTION	0.13	1.40	252.12	0 01:01
13A-N048	JUNCTION	0.14	1.12	251.79	0 00:36
13A-N050	JUNCTION	0.13	1.04	251.71	0 00:37
13A-N052	JUNCTION	0.14	0.96	251.62	0 00:37
13A-N055	JUNCTION	0.10	0.81	251.50	0 00:37
13A-N058	JUNCTION	0.35	1.49	251.40	0 01:13
13A-N059	JUNCTION	0.29	1.53	251.50	0 01:01
13A-N060	JUNCTION	0.43	1.57	251.40	0 01:13
13A-N061	JUNCTION	0.16	1.18	251.40	0 01:13
13A-N062	JUNCTION	0.01	0.20	260.89	0 00:32
13A-N063	JUNCTION	0.01	0.21	258.21	0 00:32
13A-N064	JUNCTION	0.06	0.58	253.12	0 00:33
13A-N065	JUNCTION	0.03	0.33	251.68	0 01:04
13A-N066	JUNCTION	0.21	0.71	251.68	0 01:04
13A-N067	JUNCTION	0.01	0.42	252.15	0 00:36
13A-N069	JUNCTION	0.02	0.39	251.72	0 00:38
13A-N070	JUNCTION	0.02	0.41	251.64	0 00:38
13A-N071	JUNCTION	0.02	0.38	251.55	0 00:38
13A-N072	JUNCTION	0.12	0.69	250.91	0 01:22
13A-N073	JUNCTION	0.00	0.10	251.00	0 00:33
13A-N074	JUNCTION	0.05	0.63	251.21	0 01:21
13A-N075	JUNCTION	0.19	0.93	251.21	0 01:21
13A-N076	JUNCTION	0.22	1.46	251.37	0 01:23
13A-N077	JUNCTION	0.48	1.16	250.59	0 00:36
13A-N079	JUNCTION	0.52	1.14	250.51	0 00:32
13A-N081	JUNCTION	0.03	0.54	250.62	0 00:48
13A-N082	JUNCTION	0.27	0.99	250.65	0 00:34
13A-N084	JUNCTION	0.14	0.70	250.38	0 00:34
13A-N085	JUNCTION	0.02	0.58	250.37	0 00:32
13A-N086	JUNCTION	0.06	0.64	250.20	0 00:33
13A-N087	JUNCTION	0.03	0.47	250.04	0 00:33
13A-N088	JUNCTION	0.02	0.45	250.16	0 00:33
13A-N089	JUNCTION	0.03	0.57	250.54	0 00:36
13A-N090	JUNCTION	0.03	0.73	250.89	0 00:37
13A-N091	JUNCTION	0.02	0.57	251.42	0 00:33
13A-N092	JUNCTION	0.01	0.32	251.98	0 00:33
13A-N093	JUNCTION	0.01	0.29	252.69	0 00:32
13A-N094	JUNCTION	0.02	0.30	253.51	0 00:32
13A-N095	JUNCTION	0.01	0.22	254.86	0 00:43
13A-N096	JUNCTION	0.06	1.14	256.47	0 00:43
13A-N097	JUNCTION	0.01	0.66	253.21	0 00:34
13A-N098	JUNCTION	0.02	0.65	252.26	0 00:39
13A-N099	JUNCTION	0.02	0.40	250.49	0 00:51
13A-N100	JUNCTION	0.04	1.42	253.19	0 00:43
13A-N101	JUNCTION	0.02	0.93	253.58	0 00:40
13A-N102	JUNCTION	0.12	1.25	255.68	0 00:38
13A-N103	JUNCTION	0.02	1.32	257.29	0 00:34
13A-N104	JUNCTION	0.02	1.31	258.13	0 00:32
13A-N105	JUNCTION	0.21	1.11	251.46	0 01:21
13A-N106	JUNCTION	0.03	0.81	251.58	0 00:35
13A-N107	JUNCTION	0.16	0.70	250.73	0 01:25
13A-N108	JUNCTION	0.01	0.17	251.57	0 00:32
13A-N109	JUNCTION	0.20	0.40	251.47	0 00:32
13A-N110	JUNCTION	0.06	0.66	250.87	0 00:33
13A-N111	JUNCTION	0.20	0.78	251.76	0 01:05
13A-N112	JUNCTION	0.64	0.80	249.68	0 00:01
13A-N113	JUNCTION	0.04	0.81	251.18	0 00:47
13A-N114	JUNCTION	0.14	0.97	251.23	0 01:39
13A-N115	JUNCTION	0.64	1.39	250.62	0 01:27
13A-N116	JUNCTION	0.62	1.37	250.74	0 00:34
13A-N117	JUNCTION	0.67	1.47	250.80	0 00:34
13A-N118	JUNCTION	0.02	0.75	250.75	0 00:34
13A-N119	JUNCTION	0.07	0.90	250.83	0 00:34
13A-N121	JUNCTION	0.01	0.51	250.86	0 00:33
13A-N123	JUNCTION	0.01	0.25	250.88	0 00:34
13A-N124	JUNCTION	0.01	0.21	251.13	0 00:32
13A-N125	JUNCTION	0.01	0.27	251.05	0 00:32
13A-N126	JUNCTION	0.20	1.03	250.83	0 00:34
13A-N127	JUNCTION	0.81	1.80	250.99	0 00:31
13A-N128	JUNCTION	1.92	2.64	250.72	0 00:01
13A-N132	JUNCTION	1.36	1.36	249.70	0 00:02
13A-N133	JUNCTION	0.79	0.81	249.72	0 01:02
13A-N134	JUNCTION	0.17	0.62	250.24	0 01:03
13A-N135	JUNCTION	0.20	0.78	250.42	0 01:27
13A-N136	JUNCTION	0.30	0.89	250.44	0 01:27
13A-N137	JUNCTION	0.22	0.93	250.58	0 01:27
13A-N138	JUNCTION	0.69	1.09	250.15	0 01:01
13A-N139	JUNCTION	0.01	0.27	252.37	0 00:33
13A-N140	JUNCTION	0.01	0.76	254.56	0 00:33
13A-N142	JUNCTION	0.08	0.72	251.62	0 01:01
13A-N143	JUNCTION	0.22	0.96	251.76	0 01:12
13A-N144	JUNCTION	0.28	1.53	251.23	0 01:34
13A-N145	JUNCTION	0.28	1.07	250.67	0 01:26
13A-N146	JUNCTION	0.01	0.23	252.66	0 00:32
13A-N147	JUNCTION	0.04	0.92	251.42	0 00:40
13A-N148	JUNCTION	0.19	0.57	249.92	0 00:33
13A-N149	JUNCTION	0.05	0.83	251.03	0 00:48
13A-N150	JUNCTION	0.55	1.10	250.42	0 00:32
13A-N151	JUNCTION	0.04	0.58	251.58	0 00:33
13A-N152	JUNCTION	0.01	0.54	250.76	0 00:34
13A-N153	JUNCTION	0.18	0.65	250.40	0 00:30
13A-N154	JUNCTION	0.12	0.54	250.35	0 00:31
13A-N155	JUNCTION	0.46	1.03	250.44	0 00:33
13A-N156	JUNCTION	0.70	1.23	250.40	0 00:33
13A-N157	JUNCTION	0.45	1.00	250.42	0 00:32
13A-N158	JUNCTION	0.87	1.17	250.17	0 00:33
13A-N159	JUNCTION	0.44	1.00	250.43	0 00:31
13A-N160	JUNCTION	0.09	0.49	253.17	0 01:03

13A-N161	JUNCTION	0.22	0.87	252.33	0	01:07
13A-N162	JUNCTION	0.10	0.57	254.27	0	01:01
13A-N163	JUNCTION	0.17	0.79	251.84	0	01:10
13A-N164	JUNCTION	0.20	0.94	251.79	0	01:11
13A-N165	JUNCTION	0.06	0.80	251.46	0	01:20
13A-N166	JUNCTION	0.04	0.75	255.40	0	00:32
13A-N167	JUNCTION	0.06	0.96	254.66	0	00:31
13A-N168	JUNCTION	0.04	0.41	253.76	0	00:35
13A-N169	JUNCTION	0.02	0.56	255.59	0	00:32
13A-N170	JUNCTION	0.04	0.53	251.83	0	01:11
13A-N171	JUNCTION	1.89	2.81	250.78	0	00:00
13A-N172	JUNCTION	0.01	0.22	250.21	0	00:33
13A-N173	JUNCTION	0.03	0.70	251.13	0	00:37
13A-N174	JUNCTION	0.09	0.67	250.67	0	01:27
13A-N175	JUNCTION	0.06	0.51	250.67	0	01:26
13A-N176	JUNCTION	0.80	1.19	250.14	0	01:01
13A-N180	JUNCTION	0.14	0.88	251.53	0	00:37
13A-N181	JUNCTION	0.15	1.18	251.85	0	00:31
13A-N182	JUNCTION	0.14	1.00	251.40	0	00:36
13A-N185	JUNCTION	0.01	0.33	257.63	0	00:32
13A-N186	JUNCTION	0.01	0.14	259.85	0	00:44
13A-N187	JUNCTION	0.13	0.78	251.83	0	01:11
13A-N188	JUNCTION	0.55	0.95	250.15	0	01:01
13A-N189	JUNCTION	0.03	1.04	262.04	0	00:37
13B-N001	JUNCTION	0.34	1.12	252.24	0	00:38
13B-N002	JUNCTION	0.34	1.14	252.25	0	00:38
13B-N003	JUNCTION	0.01	0.29	252.50	0	00:54
13B-N005	JUNCTION	0.04	0.75	253.39	0	00:47
13B-N006	JUNCTION	0.02	0.86	254.08	0	00:44
13B-N007	JUNCTION	0.02	0.84	254.52	0	00:37
13B-N008	JUNCTION	0.01	0.78	255.15	0	00:34
13B-N009	JUNCTION	0.01	0.76	255.89	0	00:33
13B-N010	JUNCTION	0.01	0.51	256.73	0	00:33
13B-N011	JUNCTION	0.01	0.22	258.31	0	00:32
13B-N012	JUNCTION	0.01	0.25	260.03	0	00:32
13B-N013	JUNCTION	0.01	0.18	257.59	0	00:32
13B-N014	JUNCTION	0.01	0.19	255.64	0	00:32
13B-N015	JUNCTION	0.01	0.23	254.38	0	00:32
13B-N016	JUNCTION	0.01	0.77	253.28	0	00:34
13B-N017	JUNCTION	0.01	0.70	252.98	0	00:35
13B-N018	JUNCTION	0.04	0.73	252.56	0	00:38
13B-N019	JUNCTION	0.04	0.62	252.50	0	00:42
13B-N020	JUNCTION	0.05	0.66	252.41	0	00:41
13B-N021	JUNCTION	0.06	0.68	252.33	0	00:39
13B-N022	JUNCTION	0.08	0.75	252.25	0	00:38
13B-N023	JUNCTION	0.05	1.06	250.43	0	00:35
13B-N024	JUNCTION	0.45	1.10	250.61	0	00:40
13B-N025	JUNCTION	0.80	2.47	252.33	0	00:36
13B-N026	JUNCTION	0.72	1.87	252.13	0	00:46
13B-N027	JUNCTION	0.88	1.76	252.08	0	00:46
13B-N028	JUNCTION	0.13	1.77	253.15	0	01:14
13B-N029	JUNCTION	0.11	1.77	255.12	0	01:02
13B-N030	JUNCTION	0.01	0.08	261.42	0	01:17
13B-N031	JUNCTION	0.02	0.26	262.41	0	01:03
13B-N032	JUNCTION	0.02	0.30	263.26	0	01:04
13B-N033	JUNCTION	0.02	0.34	264.33	0	00:40
13B-N034	JUNCTION	0.15	0.55	267.19	0	00:41
13B-N035	JUNCTION	0.01	0.29	267.06	0	00:40
13B-N036	JUNCTION	0.02	0.48	266.87	0	00:38
13B-N039	JUNCTION	0.03	0.81	264.64	0	00:41
13B-N041	JUNCTION	0.01	0.21	263.76	0	00:32
13B-N042	JUNCTION	0.01	0.17	263.05	0	00:32
13B-N043	JUNCTION	0.02	0.51	263.19	0	00:44
13B-N044	JUNCTION	0.02	0.49	262.38	0	00:51
13B-N045	JUNCTION	0.02	0.79	261.69	0	00:35
13B-N046	JUNCTION	0.04	0.82	261.35	0	00:52
13B-N047	JUNCTION	0.02	0.71	260.09	0	00:36
13B-N048	JUNCTION	0.01	0.14	258.99	0	00:52
13B-N049	JUNCTION	0.02	0.72	258.50	0	00:42
13B-N050	JUNCTION	0.01	0.14	256.36	0	00:56
13B-N051	JUNCTION	0.02	0.73	256.26	0	00:44
13B-N052	JUNCTION	0.04	0.68	254.91	0	01:05
13B-N057	JUNCTION	0.00	0.00	253.10	0	00:00
13B-N058	JUNCTION	0.38	1.25	251.00	0	00:39
13B-N059	JUNCTION	0.01	0.26	261.22	0	00:32
13B-N060	JUNCTION	0.05	1.88	251.27	0	00:35
13B-N061	JUNCTION	0.43	2.02	253.62	0	01:08
13B-N062	JUNCTION	0.33	1.59	253.20	0	01:30
13B-N063	JUNCTION	0.27	1.31	252.95	0	01:40
13B-N064	JUNCTION	0.09	1.11	252.84	0	01:06
13B-N065	JUNCTION	0.68	0.91	251.63	0	00:36
13B-N066	JUNCTION	0.08	1.75	258.84	0	00:22
13B-N067	JUNCTION	0.05	2.81	252.22	0	00:34
13B-N068	JUNCTION	0.58	1.17	251.99	0	00:45
13B-N069	JUNCTION	0.34	1.05	252.23	0	00:34
13B-N070	JUNCTION	0.24	1.27	252.82	0	00:38
13B-N071	JUNCTION	0.16	1.00	252.30	0	00:39
13B-N072	JUNCTION	0.05	0.84	253.13	0	00:54
13B-N073	JUNCTION	0.06	0.58	266.53	0	00:36
13B-N074	JUNCTION	0.02	1.02	266.32	0	00:35
13B-N075	JUNCTION	0.04	0.81	254.61	0	00:48
13B-N076	JUNCTION	0.17	0.19	251.39	0	00:34
13B-N077	JUNCTION	0.38	0.39	251.38	0	00:25
13B-N078	JUNCTION	0.42	0.51	251.49	0	00:39
13B-N079	JUNCTION	1.13	1.23	251.51	0	00:38
13B-N080	JUNCTION	0.65	0.69	251.39	0	00:34
13B-N081	JUNCTION	0.58	1.92	251.76	0	00:37
13B-N082	JUNCTION	0.20	0.20	249.40	0	00:17
13B-N083	JUNCTION	0.01	0.36	260.66	0	00:32
13B-N084	JUNCTION	0.01	0.31	260.37	0	00:33
13B-N085	JUNCTION	0.01	0.48	260.18	0	00:33
13B-N086	JUNCTION	0.01	0.13	259.73	0	00:33
13B-N088	JUNCTION	0.16	0.19	251.44	0	00:25
13B-N089	JUNCTION	0.60	0.63	251.43	0	00:24
13B-N090	JUNCTION	1.14	1.36	251.62	0	00:36
13B-N092	JUNCTION	0.28	0.96	252.16	0	00:32
13B-N093	JUNCTION	0.01	0.21	252.22	0	00:32
13B-N094	JUNCTION	0.06	0.49	252.10	0	00:29
13B-N095	JUNCTION	0.33	1.09	252.24	0	00:30
13B-N096	JUNCTION	1.20	1.42	251.62	0	00:36
13B-N097	JUNCTION	1.23	1.44	251.62	0	00:35
13B-N098	JUNCTION	0.02	0.18	252.58	0	00:32
13B-N099	JUNCTION	0.38	0.39	251.36	0	00:23
13B-N100	JUNCTION	0.33	0.42	251.49	0	00:38
13B-N102	JUNCTION	0.84	0.92	251.49	0	00:38
13B-N103	JUNCTION	0.05	0.06	251.37	0	00:34
13B-N104	JUNCTION	0.43	0.58	251.29	0	00:00
13B-N105	JUNCTION	0.48	0.54	251.20	0	00:00
13B-N106	JUNCTION	0.06	0.93	252.73	0	01:00
13B-N107	JUNCTION	0.34	1.09	252.22	0	00:38
13A-F001	OUTFALL	2.00	2.00	250.00	0	00:00
13A-F002	OUTFALL	2.00	2.00	249.86	0	00:00
13A-F003	OUTFALL	0.70	0.70	249.52	0	00:00
13A-F004	OUTFALL	1.01	1.01	249.74	0	00:00
13A-F005	OUTFALL	1.74	1.74	249.74	0	00:00
13B-F001	OUTFALL	0.93	0.93	251.41	0	00:00
13B-F002	OUTFALL	0.57	0.57	251.14	0	00:00

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Node InFlow Summary
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Node	Type	Maximum Lateral Inflow LPS	Maximum Total Inflow LPS	Time of Max Occurrence days hr:min	Lateral Inflow Volume 10^6 ltr	Total Inflow Volume 10^6 ltr
13A-N001	JUNCTION	259.12	302.04	0 00:33	0.271	0.499
13A-N003	JUNCTION	0.00	144.36	0 00:35	0.000	0.243
13A-N004	JUNCTION	0.00	144.69	0 00:35	0.000	0.243
13A-N005	JUNCTION	0.00	127.76	0 00:33	0.000	0.435
13A-N006	JUNCTION	0.00	144.95	0 00:35	0.000	0.242
13A-N007	JUNCTION	0.00	177.99	0 00:36	0.000	0.676
13A-N008	JUNCTION	93.02	145.23	0 00:35	0.084	0.243
13A-N009	JUNCTION	0.00	96.91	0 00:40	0.000	0.160
13A-N010	JUNCTION	0.00	96.73	0 00:41	0.000	0.159
13A-N011	JUNCTION	0.00	96.53	0 00:41	0.000	0.158
13A-N012	JUNCTION	0.00	96.38	0 00:41	0.000	0.157
13A-N013	JUNCTION	0.00	96.20	0 00:41	0.000	0.157
13A-N014	JUNCTION	0.00	96.00	0 00:41	0.000	0.156
13A-N015	JUNCTION	0.00	95.81	0 00:41	0.000	0.156
13A-N016	JUNCTION	0.00	95.63	0 00:41	0.000	0.156
13A-N017	JUNCTION	0.00	95.46	0 00:41	0.000	0.156
13A-N018	JUNCTION	0.00	96.13	0 00:32	0.000	0.155
13A-N019	JUNCTION	0.00	0.00	0 00:00	0.000	0.000
13A-N020	JUNCTION	102.39	102.39	0 00:32	0.090	0.090
13A-N022	JUNCTION	87.42	188.37	0 00:32	0.076	0.165
13A-N023	JUNCTION	33.48	122.79	0 00:32	0.028	0.193
13A-N024	JUNCTION	206.40	328.73	0 00:32	0.190	0.383
13A-N025	JUNCTION	0.00	230.99	0 00:29	0.000	0.384
13A-N026	JUNCTION	0.00	205.48	0 00:29	0.000	0.384
13A-N027	JUNCTION	0.00	185.27	0 00:30	0.000	0.384
13A-N028	JUNCTION	145.99	145.99	0 00:32	0.128	0.128
13A-N031	JUNCTION	0.00	143.26	0 00:32	0.000	0.128

13A-N032	JUNCTION	109.54	109.54	0	00:32	0.098	0.098
13A-N033	JUNCTION	0.00	216.94	0	00:32	0.000	0.226
13A-N040	JUNCTION	0.00	216.31	0	00:32	0.000	0.226
13A-N043	JUNCTION	0.00	97.21	0	00:36	0.000	0.227
13A-N048	JUNCTION	0.00	135.30	0	00:26	0.000	0.371
13A-N050	JUNCTION	0.00	127.40	0	00:27	0.000	0.370
13A-N052	JUNCTION	0.00	121.71	0	00:28	0.000	0.370
13A-N055	JUNCTION	0.00	120.93	0	00:28	0.000	0.370
13A-N058	JUNCTION	0.00	20.08	0	00:29	0.000	0.022
13A-N059	JUNCTION	0.00	352.20	0	01:02	0.000	1.767
13A-N060	JUNCTION	170.76	527.50	0	00:33	0.164	2.154
13A-N061	JUNCTION	14.93	15.62	0	00:29	0.014	0.015
13A-N062	JUNCTION	179.89	179.89	0	00:32	0.159	0.159
13A-N063	JUNCTION	0.00	178.53	0	00:32	0.000	0.159
13A-N064	JUNCTION	0.00	160.66	0	00:33	0.000	0.158
13A-N065	JUNCTION	0.00	160.26	0	00:33	0.000	0.157
13A-N066	JUNCTION	0.00	346.26	0	01:06	0.000	1.583
13A-N067	JUNCTION	158.48	158.48	0	00:32	0.154	0.154
13A-N069	JUNCTION	0.00	98.00	0	00:34	0.000	0.154
13A-N070	JUNCTION	0.00	97.68	0	00:33	0.000	0.155
13A-N071	JUNCTION	0.00	97.20	0	00:33	0.000	0.154
13A-N072	JUNCTION	1.94	666.15	0	01:21	0.001	4.041
13A-N073	JUNCTION	0.00	41.55	0	00:32	0.000	0.035
13A-N074	JUNCTION	0.00	49.16	0	00:32	0.000	0.046
13A-N075	JUNCTION	14.92	666.42	0	01:20	0.017	4.000
13A-N076	JUNCTION	0.00	523.69	0	00:33	0.000	2.147
13A-N077	JUNCTION	72.19	211.42	0	00:34	0.065	3.999
13A-N079	JUNCTION	0.00	182.23	0	00:38	0.000	4.003
13A-N081	JUNCTION	225.93	225.93	0	00:33	0.268	0.268
13A-N082	JUNCTION	0.00	395.83	0	00:34	0.000	4.054
13A-N084	JUNCTION	0.00	94.91	0	01:03	0.000	0.268
13A-N085	JUNCTION	117.60	159.12	0	00:31	0.107	0.375
13A-N086	JUNCTION	0.00	156.20	0	00:31	0.000	0.375
13A-N087	JUNCTION	0.00	318.16	0	00:33	0.000	0.826
13A-N088	JUNCTION	0.00	171.87	0	00:41	0.000	0.450
13A-N089	JUNCTION	0.00	173.10	0	00:32	0.000	0.450
13A-N090	JUNCTION	0.00	209.58	0	00:33	0.000	0.450
13A-N091	JUNCTION	0.00	213.20	0	00:32	0.000	0.450
13A-N092	JUNCTION	0.00	218.47	0	00:32	0.000	0.450
13A-N093	JUNCTION	0.00	218.16	0	00:32	0.000	0.450
13A-N094	JUNCTION	174.20	332.40	0	00:32	0.158	0.709
13A-N095	JUNCTION	0.00	175.86	0	00:43	0.000	0.551
13A-N096	JUNCTION	588.33	588.33	0	00:32	0.550	0.550
13A-N097	JUNCTION	194.85	194.85	0	00:32	0.182	0.182
13A-N098	JUNCTION	0.00	139.28	0	00:33	0.000	0.182
13A-N099	JUNCTION	0.00	313.72	0	00:48	0.000	0.807
13A-N100	JUNCTION	0.00	168.02	0	00:38	0.000	0.304
13A-N101	JUNCTION	0.00	168.97	0	00:32	0.000	0.304
13A-N102	JUNCTION	0.00	194.87	0	00:31	0.000	0.304
13A-N103	JUNCTION	0.00	300.85	0	00:32	0.000	0.304
13A-N104	JUNCTION	308.62	308.62	0	00:32	0.304	0.304
13A-N105	JUNCTION	7.21	722.17	0	01:10	0.006	3.951
13A-N106	JUNCTION	0.00	255.32	0	00:34	0.000	0.562
13A-N107	JUNCTION	0.00	666.01	0	01:21	0.000	4.039
13A-N108	JUNCTION	45.13	45.13	0	00:32	0.035	0.035
13A-N109	JUNCTION	58.47	58.47	0	00:32	0.046	0.046
13A-N110	JUNCTION	390.60	390.60	0	00:32	0.390	0.390
13A-N111	JUNCTION	0.00	415.05	0	00:48	0.000	1.721
13A-N112	JUNCTION	0.00	689.15	0	00:00	0.000	1.292
13A-N113	JUNCTION	149.87	458.05	0	00:32	0.148	0.808
13A-N114	JUNCTION	0.00	144.07	0	00:35	0.000	0.291
13A-N115	JUNCTION	0.00	910.79	0	01:25	0.000	6.975
13A-N116	JUNCTION	0.00	396.89	0	00:34	0.000	4.037
13A-N117	JUNCTION	0.00	268.24	0	00:01	0.000	3.829
13A-N118	JUNCTION	0.00	205.03	0	00:31	0.000	0.228
13A-N119	JUNCTION	25.77	91.21	0	00:31	0.021	0.099
13A-N121	JUNCTION	0.00	95.51	0	00:32	0.000	0.076
13A-N123	JUNCTION	0.00	92.90	0	00:32	0.000	0.077
13A-N124	JUNCTION	94.79	94.79	0	00:32	0.077	0.077
13A-N125	JUNCTION	327.46	327.46	0	00:32	0.281	0.281
13A-N126	JUNCTION	0.00	320.76	0	00:32	0.000	0.293
13A-N127	JUNCTION	0.00	707.53	0	00:32	0.000	4.567
13A-N128	JUNCTION	0.00	6774.11	0	00:00	0.000	4.774
13A-N132	JUNCTION	0.00	1334.91	0	01:02	0.000	25.725
13A-N133	JUNCTION	0.00	1201.63	0	00:00	0.000	18.635
13A-N134	JUNCTION	0.00	909.16	0	01:28	0.000	6.967
13A-N135	JUNCTION	0.00	909.13	0	01:28	0.000	6.964
13A-N136	JUNCTION	0.00	909.13	0	01:28	0.000	6.963
13A-N137	JUNCTION	0.00	909.49	0	01:25	0.000	6.963
13A-N138	JUNCTION	0.00	313.47	0	00:48	0.000	0.864
13A-N139	JUNCTION	0.00	160.16	0	00:33	0.000	0.158
13A-N140	JUNCTION	0.00	176.56	0	00:32	0.000	0.158
13A-N142	JUNCTION	198.36	402.98	0	00:32	0.186	1.767
13A-N143	JUNCTION	106.77	780.47	0	01:08	0.108	4.167
13A-N144	JUNCTION	0.00	626.31	0	00:33	0.000	2.675
13A-N145	JUNCTION	0.00	916.53	0	01:21	0.000	6.974
13A-N146	JUNCTION	104.42	104.42	0	00:32	0.096	0.096
13A-N147	JUNCTION	0.00	348.65	0	00:32	0.000	0.660
13A-N148	JUNCTION	0.00	415.63	0	00:33	0.000	1.191
13A-N149	JUNCTION	177.86	283.83	0	00:32	0.172	0.354
13A-N150	JUNCTION	0.00	787.33	0	00:33	0.000	4.666
13A-N151	JUNCTION	0.00	505.98	0	00:32	0.000	0.663
13A-N152	JUNCTION	265.38	265.38	0	00:32	0.227	0.227
13A-N153	JUNCTION	0.00	237.69	0	00:34	0.000	0.155
13A-N154	JUNCTION	64.34	276.10	0	00:34	0.054	0.174
13A-N155	JUNCTION	636.63	636.63	0	00:33	0.644	0.650
13A-N156	JUNCTION	0.00	1088.82	0	00:33	0.000	5.508
13A-N157	JUNCTION	0.00	682.59	0	00:31	0.000	0.837
13A-N158	JUNCTION	207.73	2342.94	0	00:00	0.216	5.798
13A-N159	JUNCTION	915.66	915.66	0	00:32	0.901	0.916
13A-N160	JUNCTION	0.00	846.08	0	01:01	0.000	3.783
13A-N161	JUNCTION	0.00	825.39	0	01:03	0.000	3.782
13A-N162	JUNCTION	855.25	855.25	0	01:01	3.781	3.781
13A-N163	JUNCTION	0.00	784.75	0	01:07	0.000	3.778
13A-N164	JUNCTION	0.00	776.32	0	01:08	0.000	3.786
13A-N165	JUNCTION	147.16	147.16	0	00:32	0.121	0.128
13A-N166	JUNCTION	0.00	911.53	0	00:32	0.000	1.113
13A-N167	JUNCTION	0.00	838.82	0	00:32	0.000	1.117
13A-N168	JUNCTION	0.00	365.92	0	00:35	0.000	0.997
13A-N169	JUNCTION	917.41	917.41	0	00:32	1.113	1.113
13A-N170	JUNCTION	0.00	378.67	0	00:46	0.000	1.029
13A-N171	JUNCTION	0.00	7117.00	0	00:00	0.000	6.401
13A-N172	JUNCTION	449.81	449.81	0	00:33	0.428	0.431
13A-N173	JUNCTION	27.83	27.83	0	00:41	0.051	0.051
13A-N174	JUNCTION	0.00	489.46	0	00:33	0.000	0.559
13A-N175	JUNCTION	184.37	184.37	0	00:33	0.155	0.155
13A-N176	JUNCTION	0.00	1084.05	0	01:01	0.000	8.024
13A-N180	JUNCTION	0.00	120.95	0	00:28	0.000	0.370
13A-N181	JUNCTION	0.00	167.82	0	00:39	0.000	0.499
13A-N182	JUNCTION	0.00	119.91	0	00:28	0.000	0.370
13A-N185	JUNCTION	484.92	528.90	0	00:32	0.477	0.664
13A-N186	JUNCTION	108.57	108.57	0	00:44	0.187	0.187
13A-N187	JUNCTION	0.00	294.36	0	01:05	0.000	1.021
13A-N188	JUNCTION	0.00	313.63	0	00:48	0.000	0.816
13A-N189	JUNCTION	0.00	185.76	0	00:32	0.000	0.165
13B-N001	JUNCTION	197.10	244.75	0	01:51	0.202	2.120
13B-N002	JUNCTION	97.07	459.45	0	00:32	0.095	3.111
13B-N003	JUNCTION	0.00	8.08	0	00:28	0.000	0.002
13B-N005	JUNCTION	0.00	142.52	0	00:33	0.000	0.246
13B-N006	JUNCTION	0.00	147.21	0	00:36	0.000	0.247
13B-N007	JUNCTION	98.88	246.18	0	00:32	0.084	0.246
13B-N008	JUNCTION	0.00	162.41	0	00:33	0.000	0.162
13B-N009	JUNCTION	0.00	168.09	0	00:31	0.000	0.162
13B-N010	JUNCTION	0.00	181.52	0	00:32	0.000	0.162
13B-N011	JUNCTION	0.00	182.96	0	00:32	0.000	0.162
13B-N012	JUNCTION	184.10	184.10	0	00:32	0.162	0.162
13B-N013	JUNCTION	141.48	141.48	0	00:32	0.121	0.121
13B-N014	JUNCTION	0.00	141.11	0	00:32	0.000	0.121
13B-N015	JUNCTION	0.00	141.61	0	00:32	0.000	0.121
13B-N016	JUNCTION	0.00	140.27	0	00:32	0.000	0.121
13B-N017	JUNCTION	0.00	111.77	0	00:32	0.000	0.121
13B-N018	JUNCTION	0.00	107.50	0	00:32	0.000	0.122
13B-N019	JUNCTION	142.75	144.92	0	00:32	0.132	0.136
13B-N020	JUNCTION	0.00	57.55	0	00:29	0.000	0.134
13B-N021	JUNCTION	0.00	50.71	0	00:29	0.000	0.134
13B-N022	JUNCTION	0.00	50.64	0	01:02	0.000	0.134
13B-N023	JUNCTION	0.00	383.11	0	00:34	0.000	0.467
13B-N024	JUNCTION	0.00	192.24	0	00:35	0.000	6.616
13B-N025	JUNCTION	564.42	564.42	0	00:32	0.523	6.735
13B-N026	JUNCTION	0.00	129.66	0	01:25	0.000	6.297
13B-N027	JUNCTION	0.00	139.09	0	00:16	0.000	6.327
13B-N028	JUNCTION	0.00	32.25	0	00:18	0.000	0.120
13B-N029	JUNCTION	0.00	42.39	0	00:22	0.000	0.119
13B-N030	JUNCTION	0.00	26.74	0	01:03	0.000	0.111
13B-N031	JUNCTION	45.05	71.18	0	00:32	0.038	0.111
13B-N032	JUNCTION	0.00	27.06	0	00:27	0.000	0.073
13B-N033	JUNCTION	85.29	85.29	0	00:32	0.072	0.072
13B-N034	JUNCTION	105.66	105.66	0	00:32	0.095	0.095
13B-N035	JUNCTION	0.00	41.75	0	00:27	0.000	0.095
13B-N036	JUNCTION	0.00	40.89	0	00:27	0.000	0.095
13B-N039	JUNCTION	86.68	251.02	0	00:32	0.073	0.362
13B-N041	JUNCTION	115.84	115.84	0	00:32	0.103	0.103
13B-N042	JUNCTION	0.00	115.13	0	00:32	0.000	0.103
13B-N043	JUNCTION	0.00	173.55	0	00:29	0.000	0.362
13B-N044	JUNCTION	0.00	171.59	0	00:30	0.000	0.362
13B-N045	JUNCTION	224.22	336.02	0	00:32	0.199	0.302

13B-N046	JUNCTION	0.00	167.55	0	00:35	0.000	0.362
13B-N047	JUNCTION	0.00	219.18	0	00:31	0.000	0.303
13B-N048	JUNCTION	0.00	111.65	0	00:52	0.000	0.363
13B-N049	JUNCTION	0.00	211.02	0	00:30	0.000	0.302
13B-N050	JUNCTION	0.00	111.66	0	00:52	0.000	0.363
13B-N051	JUNCTION	0.00	189.51	0	00:31	0.000	0.303
13B-N052	JUNCTION	0.00	111.64	0	00:52	0.000	0.363
13B-N057	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
13B-N058	JUNCTION	0.00	196.30	0	00:30	0.000	6.619
13B-N059	JUNCTION	356.88	356.88	0	00:32	0.330	0.330
13B-N060	JUNCTION	0.00	398.26	0	00:33	0.000	0.470
13B-N061	JUNCTION	1007.41	1007.41	0	00:32	1.405	1.406
13B-N062	JUNCTION	0.00	241.08	0	01:03	0.000	1.405
13B-N063	JUNCTION	0.00	177.10	0	00:29	0.000	1.567
13B-N064	JUNCTION	0.00	204.11	0	00:28	0.000	0.668
13B-N065	JUNCTION	0.00	339.82	0	00:50	0.000	6.383
13B-N066	JUNCTION	0.00	348.48	0	00:32	0.000	0.330
13B-N067	JUNCTION	423.64	506.42	0	00:32	0.371	0.471
13B-N068	JUNCTION	28.60	358.82	0	00:33	0.022	7.808
13B-N069	JUNCTION	0.00	149.58	0	02:16	0.000	1.959
13B-N070	JUNCTION	521.92	521.92	0	00:32	0.554	2.122
13B-N071	JUNCTION	0.00	268.37	0	00:45	0.000	1.146
13B-N072	JUNCTION	0.00	151.64	0	00:30	0.000	0.358
13B-N073	JUNCTION	0.00	40.74	0	00:45	0.000	0.095
13B-N074	JUNCTION	213.16	243.85	0	00:32	0.194	0.289
13B-N075	JUNCTION	0.00	252.66	0	00:30	0.000	0.667
13B-N076	JUNCTION	0.00	92.48	0	00:31	0.000	1.192
13B-N077	JUNCTION	0.00	171.94	0	00:36	0.000	3.944
13B-N078	JUNCTION	0.00	191.72	0	00:32	0.000	4.011
13B-N079	JUNCTION	0.00	989.02	0	00:35	0.000	7.708
13B-N080	JUNCTION	0.00	76.60	0	00:30	0.000	1.177
13B-N081	JUNCTION	0.00	213.61	0	00:29	0.000	6.628
13B-N082	JUNCTION	0.00	566.72	0	00:36	0.000	7.073
13B-N083	JUNCTION	112.06	112.06	0	00:32	0.100	0.100
13B-N084	JUNCTION	0.00	107.17	0	00:32	0.000	0.100
13B-N085	JUNCTION	0.00	102.93	0	00:32	0.000	0.100
13B-N086	JUNCTION	0.00	100.99	0	00:33	0.000	0.100
13B-N088	JUNCTION	0.00	39.95	0	00:22	0.000	0.028
13B-N089	JUNCTION	0.00	179.13	0	00:36	0.000	0.523
13B-N090	JUNCTION	0.00	344.50	0	00:48	0.000	6.534
13B-N092	JUNCTION	0.00	633.31	0	00:30	0.000	2.598
13B-N093	JUNCTION	178.46	178.46	0	00:32	0.182	0.182
13B-N094	JUNCTION	608.47	1033.03	0	00:32	0.522	1.352
13B-N095	JUNCTION	0.00	335.07	0	00:29	0.000	2.114
13B-N096	JUNCTION	0.00	466.23	0	00:08	0.000	6.186
13B-N097	JUNCTION	602.93	1088.56	0	00:32	0.582	9.366
13B-N098	JUNCTION	72.35	72.35	0	00:32	0.114	0.114
13B-N099	JUNCTION	35.14	83.90	0	00:32	0.038	2.601
13B-N100	JUNCTION	58.17	58.17	0	00:32	0.061	0.072
13B-N102	JUNCTION	0.00	1055.65	0	00:02	0.000	6.641
13B-N103	JUNCTION	0.00	37.93	0	00:34	0.000	1.138
13B-N104	JUNCTION	0.00	234.84	0	00:00	0.000	1.145
13B-N105	JUNCTION	0.00	509.50	0	00:00	0.000	1.162
13B-N106	JUNCTION	0.00	106.78	0	00:28	0.000	0.358
13B-N107	JUNCTION	0.00	243.48	0	01:51	0.000	2.169
13A-F001	OUTFALL	0.00	6774.11	0	00:00	0.000	4.957
13A-F002	OUTFALL	0.00	7117.00	0	00:00	0.000	6.400
13A-F003	OUTFALL	0.00	689.15	0	00:00	0.000	1.356
13A-F004	OUTFALL	0.00	628.65	0	00:00	0.000	10.748
13A-F005	OUTFALL	0.00	617.09	0	00:00	0.000	7.432
13B-F001	OUTFALL	0.00	1055.65	0	00:02	0.000	6.646
13B-F002	OUTFALL	0.00	509.50	0	00:00	0.000	1.168

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Node Surcharge Summary
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Surcharging occurs when water rises above the top of the highest conduit.

Node	Type	Hours Surcharged	Max. Height Above Crown Meters	Min. Depth Below Rim Meters
13A-N001	JUNCTION	1.85	0.899	0.000
13A-N003	JUNCTION	2.16	0.267	0.133
13A-N004	JUNCTION	2.01	0.207	0.093
13A-N005	JUNCTION	2.42	0.717	0.000
13A-N006	JUNCTION	1.91	0.167	0.103
13A-N007	JUNCTION	2.52	0.926	0.000
13A-N008	JUNCTION	1.86	0.147	0.153
13A-N009	JUNCTION	1.52	0.097	0.153
13A-N010	JUNCTION	1.95	0.186	0.214
13A-N011	JUNCTION	1.23	0.103	0.297
13A-N012	JUNCTION	1.03	0.103	0.327
13A-N013	JUNCTION	0.81	0.104	0.546
13A-N014	JUNCTION	0.19	0.040	0.260
13A-N024	JUNCTION	0.26	0.263	0.000
13A-N025	JUNCTION	0.35	0.341	0.000
13A-N026	JUNCTION	0.41	0.630	0.000
13A-N027	JUNCTION	0.63	0.709	0.000
13A-N028	JUNCTION	0.03	0.102	0.298
13A-N032	JUNCTION	0.22	0.468	0.000
13A-N040	JUNCTION	1.09	1.044	0.000
13A-N043	JUNCTION	2.00	1.099	0.000
13A-N048	JUNCTION	1.86	0.721	0.039
13A-N050	JUNCTION	1.84	0.636	0.124
13A-N052	JUNCTION	1.83	0.561	0.269
13A-N055	JUNCTION	1.66	0.406	0.294
13A-N058	JUNCTION	2.59	1.090	0.260
13A-N059	JUNCTION	2.14	0.627	0.173
13A-N060	JUNCTION	2.14	0.530	0.230
13A-N061	JUNCTION	2.39	0.781	0.479
13A-N064	JUNCTION	0.09	0.227	0.173
13A-N067	JUNCTION	0.24	0.125	0.000
13A-N074	JUNCTION	0.46	0.076	0.074
13A-N075	JUNCTION	0.46	0.076	0.224
13A-N076	JUNCTION	2.35	0.662	0.038
13A-N077	JUNCTION	0.80	0.634	0.000
13A-N079	JUNCTION	14.91	0.637	0.113
13A-N081	JUNCTION	0.78	0.239	0.000
13A-N082	JUNCTION	0.06	0.036	0.164
13A-N084	JUNCTION	0.80	0.304	0.000
13A-N085	JUNCTION	0.27	0.183	0.067
13A-N086	JUNCTION	0.70	0.241	0.059
13A-N088	JUNCTION	0.21	0.036	0.144
13A-N089	JUNCTION	0.25	0.167	0.093
13A-N090	JUNCTION	0.29	0.334	0.000
13A-N091	JUNCTION	0.08	0.167	0.133
13A-N096	JUNCTION	0.90	0.896	0.000
13A-N097	JUNCTION	0.15	0.364	0.000
13A-N098	JUNCTION	0.29	0.354	0.000
13A-N100	JUNCTION	0.39	1.016	0.000
13A-N101	JUNCTION	0.29	0.528	0.272
13A-N102	JUNCTION	0.24	0.853	0.047
13A-N103	JUNCTION	0.21	0.885	0.000
13A-N104	JUNCTION	0.16	0.911	0.189
13A-N106	JUNCTION	0.45	0.313	0.247
13A-N109	JUNCTION	0.04	0.001	0.000
13A-N111	JUNCTION	0.65	0.097	0.523
13A-N113	JUNCTION	0.58	0.307	0.000
13A-N114	JUNCTION	2.29	0.467	0.000
13A-N116	JUNCTION	0.36	0.499	0.151
13A-N117	JUNCTION	0.53	0.667	0.033
13A-N119	JUNCTION	0.16	0.404	0.696
13A-N121	JUNCTION	0.02	0.008	1.142
13A-N126	JUNCTION	0.11	0.232	0.718
13A-N127	JUNCTION	0.28	0.700	0.000
13A-N128	JUNCTION	0.04	0.640	0.260
13A-N132	JUNCTION	14.98	0.100	0.000
13A-N144	JUNCTION	2.42	0.727	0.000
13A-N147	JUNCTION	0.54	0.294	0.000
13A-N149	JUNCTION	0.94	0.530	0.000
13A-N150	JUNCTION	0.07	0.040	0.000
13A-N153	JUNCTION	0.27	0.110	0.000
13A-N154	JUNCTION	0.21	0.000	0.000
13A-N156	JUNCTION	0.17	0.195	0.405
13A-N157	JUNCTION	0.01	0.001	0.379
13A-N158	JUNCTION	0.59	0.267	0.533
13A-N159	JUNCTION	0.10	0.000	0.000
13A-N167	JUNCTION	0.13	0.000	0.000
13A-N171	JUNCTION	0.01	0.810	0.000
13A-N173	JUNCTION	0.47	0.500	0.000
13A-N180	JUNCTION	1.80	0.480	0.290
13A-N181	JUNCTION	1.87	0.780	0.000
13A-N182	JUNCTION	2.07	0.500	0.000
13A-N189	JUNCTION	0.35	0.445	0.000
13B-N001	JUNCTION	1.44	0.424	0.266
13B-N002	JUNCTION	1.33	0.347	0.000
13B-N003	JUNCTION	0.63	0.098	0.000
13B-N005	JUNCTION	0.81	0.454	0.000
13B-N006	JUNCTION	0.33	0.485	0.000
13B-N007	JUNCTION	0.31	0.537	0.000
13B-N008	JUNCTION	0.15	0.481	0.000
13B-N009	JUNCTION	0.08	0.465	0.015
13B-N010	JUNCTION	0.04	0.208	0.272

13B-N016	JUNCTION	0.13	0.406	0.000
13B-N017	JUNCTION	0.22	0.384	0.006
13B-N018	JUNCTION	0.72	0.432	0.000
13B-N019	JUNCTION	0.67	0.319	0.000
13B-N020	JUNCTION	1.03	0.358	0.002
13B-N021	JUNCTION	1.34	0.359	0.021
13B-N022	JUNCTION	1.50	0.403	0.197
13B-N023	JUNCTION	0.20	0.562	1.388
13B-N024	JUNCTION	14.68	0.699	2.051
13B-N025	JUNCTION	14.74	2.067	0.000
13B-N026	JUNCTION	14.72	1.468	0.000
13B-N027	JUNCTION	14.76	1.359	0.091
13B-N028	JUNCTION	1.21	1.622	0.000
13B-N029	JUNCTION	1.04	1.624	0.000
13B-N031	JUNCTION	1.08	0.144	0.000
13B-N032	JUNCTION	0.67	0.184	0.000
13B-N033	JUNCTION	0.64	0.219	0.000
13B-N034	JUNCTION	0.79	0.348	0.000
13B-N035	JUNCTION	0.43	0.093	0.257
13B-N036	JUNCTION	0.57	0.276	0.124
13B-N039	JUNCTION	0.40	0.462	0.000
13B-N043	JUNCTION	0.38	0.209	0.241
13B-N044	JUNCTION	0.37	0.187	0.313
13B-N045	JUNCTION	0.19	0.488	0.000
13B-N046	JUNCTION	0.83	0.523	0.000
13B-N047	JUNCTION	0.19	0.414	0.036
13B-N049	JUNCTION	0.24	0.325	0.000
13B-N051	JUNCTION	0.32	0.435	0.000
13B-N052	JUNCTION	0.95	0.376	0.000
13B-N058	JUNCTION	1.51	0.854	1.446
13B-N060	JUNCTION	0.28	1.383	1.037
13B-N061	JUNCTION	3.97	1.621	0.000
13B-N062	JUNCTION	3.94	1.085	0.000
13B-N063	JUNCTION	3.94	0.908	0.000
13B-N064	JUNCTION	1.47	0.814	0.000
13B-N066	JUNCTION	0.70	1.478	0.000
13B-N067	JUNCTION	0.08	0.307	0.640
13B-N068	JUNCTION	1.44	0.470	0.000
13B-N069	JUNCTION	2.12	0.412	0.455
13B-N070	JUNCTION	3.95	0.870	0.000
13B-N071	JUNCTION	1.35	0.397	0.003
13B-N072	JUNCTION	0.81	0.313	0.000
13B-N073	JUNCTION	0.25	0.328	0.072
13B-N074	JUNCTION	0.20	0.422	0.000
13B-N075	JUNCTION	0.64	0.371	0.000
13B-N077	JUNCTION	4.00	0.000	0.000
13B-N081	JUNCTION	14.72	1.516	0.444
13B-N083	JUNCTION	0.03	0.054	1.643
13B-N085	JUNCTION	0.05	0.081	1.946
13B-N089	JUNCTION	1.54	0.000	0.000
13B-N092	JUNCTION	0.53	0.041	0.239
13B-N094	JUNCTION	0.94	0.000	0.000
13B-N095	JUNCTION	1.12	0.174	0.056
13B-N099	JUNCTION	14.62	0.000	0.000
13B-N106	JUNCTION	0.87	0.426	0.000
13B-N107	JUNCTION	1.86	0.492	0.178

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Node Flooding Summary
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Flooding refers to all water that overflows a node, whether it ponds or not.

Node	Hours Flooded	Maximum Rate LPS	Time of Max Occurrence days hr:min	Total Flood Volume 10^6 ltr	Maximum Ponded Volume ha-mm
13A-N001	0.96	576.05	0 00:26	0.064	6.43
13A-N005	2.08	548.38	0 02:42	0.134	13.34
13A-N007	2.14	176.99	0 00:36	0.163	16.30
13A-N024	0.25	1319.36	0 00:30	0.021	2.15
13A-N025	0.33	254.26	0 00:30	0.020	2.03
13A-N026	0.37	74.42	0 00:30	0.015	1.51
13A-N027	0.57	505.65	0 00:30	0.054	5.44
13A-N032	0.15	489.65	0 00:30	0.005	0.52
13A-N040	0.56	300.21	0 00:28	0.047	4.69
13A-N043	0.95	736.67	0 00:26	0.074	7.44
13A-N067	0.23	597.08	0 00:30	0.012	1.25
13A-N077	0.09	230.82	0 00:32	0.007	0.69
13A-N081	0.77	397.63	0 00:28	0.070	6.97
13A-N084	0.10	57.24	0 00:31	0.002	0.18
13A-N090	0.19	318.13	0 00:32	0.007	0.71
13A-N096	0.83	760.41	0 00:24	0.168	16.79
13A-N097	0.13	98.33	0 00:31	0.007	0.71
13A-N098	0.26	893.33	0 00:31	0.017	1.69
13A-N100	0.22	355.69	0 00:34	0.008	0.80
13A-N103	0.14	243.43	0 00:31	0.013	1.25
13A-N109	0.04	62.78	0 00:31	0.000	0.04
13A-N113	0.52	158.00	0 00:32	0.053	5.34
13A-N114	2.15	80.23	0 00:33	0.134	13.36
13A-N127	0.01	76.40	0 00:31	0.000	0.00
13A-N132	14.88	1334.91	0 01:02	25.605	0.00
13A-N144	2.35	395.13	0 00:33	0.263	26.33
13A-N147	0.33	118.00	0 00:31	0.012	1.22
13A-N149	0.86	253.61	0 00:26	0.115	11.48
13A-N150	0.02	56.44	0 00:33	0.002	0.00
13A-N153	0.01	26.35	0 00:30	0.000	0.00
13A-N154	0.21	276.10	0 00:34	0.141	0.00
13A-N159	0.10	524.49	0 00:32	0.096	0.00
13A-N167	0.13	513.80	0 00:32	0.125	0.00
13A-N171	0.01	4729.04	0 00:00	0.013	0.00
13A-N173	0.35	14.40	0 00:37	0.008	0.00
13A-N181	0.70	84.58	0 00:39	0.128	0.00
13A-N182	0.87	84.71	0 01:17	0.167	0.00
13A-N189	0.31	564.84	0 00:29	0.022	2.25
13B-N002	0.53	194.88	0 00:32	0.054	5.36
13B-N003	0.21	434.77	0 00:54	0.001	0.02
13B-N005	0.40	418.05	0 00:29	0.022	2.22
13B-N006	0.23	5.42	0 00:37	0.002	0.23
13B-N007	0.27	873.04	0 00:30	0.028	2.85
13B-N008	0.04	150.35	0 00:33	0.000	0.04
13B-N016	0.08	1319.87	0 00:32	0.003	0.29
13B-N018	0.23	285.87	0 00:31	0.011	1.11
13B-N019	0.63	791.75	0 00:29	0.034	3.44
13B-N025	0.28	1013.60	0 00:29	0.053	5.35
13B-N026	0.38	106.06	0 00:29	0.034	3.38
13B-N028	0.95	359.38	0 00:28	0.011	1.08
13B-N029	0.80	47.82	0 00:28	0.012	1.18
13B-N031	1.06	205.77	0 00:23	0.032	3.17
13B-N032	0.57	13.39	0 00:32	0.001	0.14
13B-N033	0.62	772.36	0 00:27	0.019	1.91
13B-N034	0.56	113.06	0 00:27	0.024	2.40
13B-N039	0.36	498.14	0 00:29	0.031	3.08
13B-N045	0.17	538.62	0 00:31	0.019	1.92
13B-N046	0.80	820.03	0 00:26	0.087	8.66
13B-N049	0.22	65.82	0 00:31	0.012	1.24
13B-N051	0.29	622.25	0 00:30	0.017	1.73
13B-N052	0.89	507.55	0 00:27	0.058	5.79
13B-N061	3.93	1515.43	0 04:12	0.642	64.06
13B-N062	3.89	192.87	0 00:34	0.443	44.27
13B-N063	3.74	175.57	0 00:29	0.329	32.92
13B-N064	1.41	112.34	0 00:33	0.207	20.71
13B-N066	0.66	310.87	0 00:32	0.211	0.00
13B-N068	0.45	227.72	0 00:30	0.035	3.49
13B-N070	0.99	240.65	0 00:32	0.068	6.48
13B-N072	0.78	64.63	0 00:28	0.066	6.61
13B-N074	0.17	79.14	0 00:32	0.011	1.09
13B-N075	0.61	241.67	0 00:28	0.055	5.53
13B-N077	3.95	123.19	0 00:36	0.275	0.00
13B-N089	1.53	179.13	0 00:36	0.432	0.00
13B-N094	0.93	1033.03	0 00:32	1.209	0.00
13B-N099	14.62	83.89	0 00:32	2.584	0.00
13B-N106	0.73	13.82	0 00:32	0.013	1.30

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Outfall Loading Summary
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Outfall Node	Flow Freq. Pcnt.	Avg. Flow LPS	Max. Flow LPS	Total Volume 10^6 ltr
13A-F001	100.00	91.78	6774.11	4.957
13A-F002	100.00	118.52	7117.00	6.400
13A-F003	99.05	25.34	689.15	1.356
13A-F004	100.00	199.04	628.65	10.748
13A-F005	100.00	137.62	617.09	7.432
13B-F001	100.00	123.06	1055.65	6.646
13B-F002	99.99	21.63	509.50	1.168
System	99.86	716.99	16130.48	38.706

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Link Flow Summary
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Link	Type	Maximum |Flow| LPS	Time of Max Occurrence days	hr:min	Maximum Velocity m/sec	Max/ Full Flow	Max/ Full Depth
13A-C001	CONDUIT	6774.11	0	00:00	2.15	1.83	1.00
13A-C002	CONDUIT	268.24	0	00:01	0.81	0.34	1.00
13A-C003	CONDUIT	233.05	0	00:33	1.52	0.40	1.00
13A-C009	CONDUIT	523.69	0	00:33	1.49	0.21	1.00
13A-C010	CONDUIT	121.71	0	00:28	0.97	3.59	1.00
13A-C011	CONDUIT	127.40	0	00:27	1.01	21.56	1.00
13A-C012	CONDUIT	167.82	0	00:39	1.34	1.69	1.00
13A-C013	CONDUIT	69.18	0	01:02	0.98	1.92	1.00
13A-C014	CONDUIT	97.21	0	00:36	1.38	0.88	1.00
13A-C015	CONDUIT	216.31	0	00:32	3.25	0.83	0.89
13A-C016	CONDUIT	143.19	0	00:32	3.13	0.54	0.62
13A-C017	CONDUIT	143.26	0	00:32	2.31	0.74	0.82
13A-C018	CONDUIT	120.95	0	00:28	0.96	3.75	1.00
13A-C021	CONDUIT	346.25	0	01:06	1.02	0.31	0.71
13A-C022	CONDUIT	176.56	0	00:32	3.49	0.74	0.74
13A-C023	CONDUIT	178.53	0	00:32	3.78	0.65	0.63
13A-C024	CONDUIT	160.66	0	00:33	2.27	0.96	1.00
13A-C025	CONDUIT	159.56	0	00:33	1.29	0.36	0.83
13A-C026	CONDUIT	343.82	0	01:11	0.88	1.94	1.00
13A-C027	CONDUIT	148.17	0	00:38	2.11	1.22	1.00
13A-C028	CONDUIT	185.27	0	00:30	2.86	0.91	1.00
13A-C029	CONDUIT	205.48	0	00:29	3.19	0.79	1.00
13A-C030	CONDUIT	230.99	0	00:29	3.63	0.88	1.00
13A-C031	CONDUIT	122.67	0	00:32	2.71	0.48	0.76
13A-C032	CONDUIT	185.76	0	00:32	2.31	0.67	0.89
13A-C033	CONDUIT	101.50	0	00:32	1.06	0.23	0.54
13A-C034	CONDUIT	0.00	0	00:00	0.00	0.00	0.17
13A-C036	CHANNEL	665.65	0	01:21	0.72	0.27	0.67
13A-C037	CHANNEL	327.86	0	00:34	0.57	0.39	0.76
13A-C038	CHANNEL	172.36	0	00:33	0.42	0.16	0.77
13A-C039	CHANNEL	769.76	0	01:10	0.52	0.56	0.91
13A-C041	CHANNEL	784.75	0	01:07	0.71	0.37	0.63
13A-C042	CHANNEL	825.39	0	01:03	0.82	0.11	0.51
13A-C045	CHANNEL	911.53	0	00:32	1.16	0.19	0.64
13A-C047	CHANNEL	378.67	0	00:46	0.69	0.18	0.53
13A-C048	CONDUIT	11.00	0	00:31	0.14	0.07	1.00
13A-C049	CONDUIT	96.13	0	00:32	0.88	0.76	0.98
13A-C050	CONDUIT	96.53	0	00:41	0.49	0.29	1.00
13A-C051	CONDUIT	96.38	0	00:41	0.64	0.64	1.00
13A-C052	CONDUIT	96.20	0	00:41	0.63	0.39	1.00
13A-C053	CONDUIT	96.00	0	00:41	0.78	0.33	0.97
13A-C054	CONDUIT	95.81	0	00:41	0.91	0.28	0.87
13A-C055	CONDUIT	95.63	0	00:41	0.76	0.33	0.88
13A-C056	CONDUIT	95.46	0	00:41	0.64	0.53	0.93
13A-C057	CONDUIT	96.73	0	00:41	0.49	0.37	1.00
13A-C058	CONDUIT	144.95	0	00:35	0.74	1.05	1.00
13A-C059	CONDUIT	97.06	0	00:40	0.49	0.47	1.00
13A-C060	CONDUIT	96.91	0	00:40	0.49	0.26	1.00
13A-C061	CONDUIT	144.36	0	00:35	0.93	0.83	1.00
13A-C062	CONDUIT	144.69	0	00:35	0.77	0.85	1.00
13A-C063	CONDUIT	169.89	0	02:41	0.87	0.53	1.00
13A-C064	CONDUIT	910.79	0	01:25	0.76	0.15	0.68
13A-C065	CONDUIT	282.02	0	02:06	1.44	2.40	1.00
13A-C066	CONDUIT	124.72	0	00:33	0.75	0.39	1.00
13A-C067	CONDUIT	144.07	0	00:35	1.42	0.30	1.00
13A-C068	CHANNEL	722.17	0	01:10	0.64	0.39	0.72
13A-C069	CHANNEL	144.68	0	00:32	1.02	0.04	0.91
13A-C070	CONDUIT	48.88	0	00:32	1.05	0.25	1.00
13A-C071	CONDUIT	40.04	0	00:33	0.64	0.15	0.58
13A-C072	CONDUIT	666.01	0	01:21	1.44	0.60	0.87
13A-C073	CONDUIT	666.42	0	01:20	1.33	2.78	1.00
13A-C074	CONDUIT	168.02	0	00:38	1.76	0.58	1.00
13A-C075	CONDUIT	168.97	0	00:32	2.57	0.98	1.00
13A-C076	CONDUIT	194.87	0	00:31	2.76	1.05	1.00
13A-C077	CONDUIT	300.85	0	00:32	2.46	0.81	1.00
13A-C078	CONDUIT	106.32	0	00:31	1.50	0.94	1.00
13A-C079	CONDUIT	139.28	0	00:33	1.97	0.90	1.00
13A-C080	CONDUIT	100.59	0	00:32	1.52	0.85	0.88
13A-C081	CONDUIT	151.43	0	00:45	2.14	1.17	1.00
13A-C083	CONDUIT	313.63	0	00:48	1.76	0.50	0.89
13A-C084	CONDUIT	254.27	0	00:34	1.14	0.59	1.00
13A-C085	CONDUIT	313.72	0	00:48	1.70	1.41	0.89
13A-C088	CONDUIT	175.86	0	00:43	3.87	0.54	0.63
13A-C089	CONDUIT	175.86	0	00:43	3.92	1.04	1.00
13A-C090	CONDUIT	111.20	0	00:32	1.72	0.93	0.95
13A-C091	CONDUIT	218.47	0	00:32	2.23	0.69	0.75
13A-C092	CONDUIT	218.16	0	00:32	2.19	0.75	0.74
13A-C093	CONDUIT	173.10	0	00:32	1.38	1.18	1.00
13A-C094	CONDUIT	209.58	0	00:33	1.67	0.74	1.00
13A-C095	CONDUIT	213.20	0	00:32	2.14	0.72	0.90
13A-C096	CONDUIT	106.00	0	00:48	1.56	1.61	0.92
13A-C097	CONDUIT	155.05	0	00:31	1.23	1.73	1.00
13A-C098	CONDUIT	318.04	0	00:33	1.22	0.40	0.87
13A-C099	CONDUIT	171.87	0	00:41	1.37	1.07	1.00
13A-C100	CONDUIT	94.91	0	01:03	1.34	0.96	1.00
13A-C101	CONDUIT	95.38	0	01:03	0.86	0.63	1.00
13A-C102	CONDUIT	156.20	0	00:31	1.24	0.63	1.00
13A-C106	CONDUIT	689.15	0	00:00	1.10	1.53	1.00
13A-C110	CONDUIT	7117.00	0	00:00	2.26	1.44	1.00
13A-C111	CONDUIT	2342.94	0	00:00	3.72	1.29	1.00
13A-C112	CONDUIT	1088.89	0	00:33	1.71	0.63	1.00
13A-C113	CHANNEL	0.00	0	00:00	0.00	0.00	0.16
13A-C114	CHANNEL	682.59	0	00:31	0.53	1.82	1.00
13A-C115	CHANNEL	742.07	0	00:33	1.18	0.27	1.00
13A-C116	CONDUIT	505.85	0	00:34	1.01	1.21	1.00
13A-C117	CHANNEL	637.44	0	00:33	0.64	0.37	0.99
13A-C118	CONDUIT	184.61	0	00:38	0.94	1.23	1.00
13A-C120	CONDUIT	182.23	0	00:38	0.93	1.03	1.00
13A-C121	CONDUIT	157.63	0	00:34	0.80	0.32	1.00
13A-C122	CONDUIT	237.69	0	00:34	1.21	2.05	1.00
13A-C123	CONDUIT	395.83	0	00:34	0.79	0.37	1.00
13A-C125	CONDUIT	97.20	0	00:33	0.90	1.02	0.98
13A-C126	CONDUIT	97.68	0	00:33	0.91	1.09	0.94
13A-C127	CONDUIT	172.03	0	00:41	1.54	0.45	1.00
13A-C138	CONDUIT	20.08	0	00:29	0.34	0.06	1.00
13A-C139	CONDUIT	98.00	0	00:34	1.39	0.97	1.00
13A-C140	CONDUIT	189.09	0	00:45	1.28	1.01	1.00
13A-C141	CHANNEL	451.46	0	00:32	0.86	0.61	0.89
13A-C142	CONDUIT	909.13	0	01:28	1.43	0.45	1.00
13A-C143	CONDUIT	909.16	0	01:28	1.36	1.31	0.58
13A-C144	CONDUIT	628.65	0	00:00	2.56	0.71	1.00
13A-C145	CONDUIT	617.09	0	00:00	3.14	0.87	1.00
13A-C147	CHANNEL	312.03	0	00:48	0.36	0.09	0.83
13A-C148	CHANNEL	909.49	0	01:25	0.56	0.20	0.93
13A-C149	CHANNEL	1064.29	0	01:02	0.74	0.29	0.45
13A-C150	CONDUIT	92.71	0	00:36	0.47	0.27	1.00
13A-C151	CONDUIT	264.13	0	00:33	0.53	0.21	1.00
13A-C152	CONDUIT	320.76	0	00:32	1.00	0.24	0.67
13A-C153	CONDUIT	95.51	0	00:32	1.23	0.30	0.75
13A-C154	CONDUIT	92.90	0	00:32	1.29	0.30	0.39
13A-C155	CONDUIT	70.05	0	00:36	0.71	0.22	1.00
13A-C159	CONDUIT	189.88	0	00:38	0.42	0.14	0.97
13A-C160	CHANNEL	205.03	0	00:31	0.62	0.01	0.35
13A-C162	CONDUIT	580.90	0	00:01	2.98	2.14	1.00
13A-C163	CHANNEL	776.32	0	01:08	0.34	0.12	0.57
13A-C164	CONDUIT	352.17	0	01:02	1.17	0.72	1.00
13A-C165	CONDUIT	127.76	0	00:33	1.20	0.23	1.00
13A-C166	CONDUIT	160.26	0	00:33	1.83	0.68	0.66
13A-C167	CONDUIT	160.16	0	00:33	2.60	0.71	0.81
13A-C174	CONDUIT	119.91	0	00:28	1.19	0.88	1.00
13A-C176	CONDUIT	352.20	0	01:02	1.07	0.37	0.95
13A-C177	CONDUIT	308.69	0	00:31	1.57	1.13	1.00
13A-C179	CONDUIT	415.62	0	00:33	1.66	0.93	0.83
13A-C185	CHANNEL	237.71	0	00:34	0.37	0.79	1.00
13A-C186	CONDUIT	553.50	0	00:31	1.09	0.39	1.00
13A-C187	CHANNEL	846.08	0	01:01	0.96	0.04	0.22
13A-C188	CHANNEL	838.82	0	00:32	0.99	0.61	0.89
13A-C189	CHANNEL	365.92	0	00:35	1.19	1.56	1.00
13A-C190	CHANNEL	294.36	0	01:05	0.27	0.05	0.49
13A-C191	CHANNEL	439.14	0	00:33	1.14	0.15	0.66
13A-C192	CHANNEL	17.59	0	00:58	0.39	0.92	1.00
13A-C193	CHANNEL	402.47	0	00:33	0.68	0.46	0.94
13A-C194	CHANNEL	41.55	0	00:32	0.56	0.06	0.20
13A-C195	CONDUIT	49.16	0	00:32	1.00	0.90	0.95
13A-C204	CHANNEL	1197.82	0	01:02	1.08	0.05	0.82
13A-C205	CONDUIT	120.93	0	00:28	1.00	0.69	1.00
13A-C206	CONDUIT	135.30	0	00:26	1.08	17.23	1.00
13A-C207	CONDUIT	115.83	0	00:28	1.11	1.22	1.00
13A-C209	CONDUIT	505.98	0	00:32	2.89	0.79	0.83
13A-C210	CHANNEL	108.52	0	00:44	1.00	0.04	0.35
13A-C211	CONDUIT	286.85	0	01:11	0.78	0.72	1.00
13A-C212	CONDUIT	666.07	0	01:20	1.37	1.90	0.93
13A-C213	CHANNEL	909.32	0	01:27	0.65	0.10	0.58
13A-C214	CHANNEL	909.13	0	01:28	0.66	0.10	0.78
13A-C217	CONDUIT	74.05	0	00:34	3.35	0.38	0.71
13A-C218	CONDUIT	313.47	0	00:48	0.39	0.07	0.51

13A-C219	CONDUIT	90.73	0	00:37	3.14	1.78	1.00
13B-C001	CONDUIT	211.02	0	00:30	3.30	0.86	1.00
13B-C002	CONDUIT	50.64	0	01:02	0.82	0.83	1.00
13B-C003	CONDUIT	50.71	0	00:29	0.78	0.95	1.00
13B-C004	CONDUIT	57.55	0	00:29	0.81	0.92	1.00
13B-C005	CONDUIT	17.38	0	01:07	0.69	0.36	1.00
13B-C006	CONDUIT	250.81	0	01:50	0.52	0.79	1.00
13B-C010	CHANNEL	452.80	0	00:33	0.87	0.27	1.00
13B-C011	CHANNEL	176.07	0	00:32	0.34	0.05	0.64
13B-C012	CONDUIT	241.08	0	01:03	1.92	1.85	1.00
13B-C013	CONDUIT	149.76	0	01:23	1.19	2.47	1.00
13B-C014	CONDUIT	148.77	0	02:17	1.18	1.68	1.00
13B-C015	CONDUIT	27.06	0	00:27	2.53	0.87	1.00
13B-C017	CONDUIT	26.74	0	01:03	2.82	0.80	0.84
13B-C018	CONDUIT	26.13	0	00:32	2.35	0.84	1.00
13B-C019	CONDUIT	40.89	0	00:27	1.38	0.76	1.00
13B-C020	CONDUIT	41.75	0	00:27	1.41	0.90	1.00
13B-C021	CONDUIT	164.42	0	00:30	2.33	1.00	1.00
13B-C022	CONDUIT	129.71	0	01:05	1.87	1.34	1.00
13B-C023	CONDUIT	111.64	0	00:52	2.03	0.40	0.73
13B-C024	CONDUIT	111.66	0	00:52	4.60	0.47	0.53
13B-C025	CONDUIT	111.65	0	00:52	4.23	0.86	0.87
13B-C026	CONDUIT	167.55	0	00:35	2.51	0.75	1.00
13B-C027	CONDUIT	189.51	0	00:31	4.19	0.75	1.00
13B-C028	CONDUIT	219.18	0	00:31	3.10	0.89	1.00
13B-C029	CONDUIT	171.59	0	00:30	2.61	0.83	1.00
13B-C030	CONDUIT	173.55	0	00:29	2.46	1.03	1.00
13B-C031	CONDUIT	114.95	0	00:32	1.95	0.53	0.78
13B-C032	CONDUIT	115.13	0	00:32	2.50	0.58	0.62
13B-C033	CONDUIT	182.96	0	00:32	3.14	0.81	0.77
13B-C034	CONDUIT	125.76	0	00:30	1.78	0.69	1.00
13B-C035	CONDUIT	142.52	0	00:33	2.02	0.92	1.00
13B-C036	CONDUIT	147.21	0	00:36	2.30	0.71	1.00
13B-C037	CONDUIT	157.53	0	00:33	2.23	0.75	1.00
13B-C038	CONDUIT	162.41	0	00:33	2.41	0.77	1.00
13B-C039	CONDUIT	168.09	0	00:31	2.67	0.72	1.00
13B-C040	CONDUIT	181.52	0	00:32	3.08	0.76	0.86
13B-C041	CONDUIT	141.61	0	00:32	2.81	0.63	0.70
13B-C042	CONDUIT	140.27	0	00:32	2.29	0.71	0.88
13B-C043	CONDUIT	111.77	0	00:32	1.58	0.92	1.00
13B-C044	CONDUIT	107.50	0	00:32	1.52	0.82	1.00
13B-C045	CONDUIT	80.16	0	00:31	1.13	1.01	1.00
13B-C046	CONDUIT	141.11	0	00:32	3.05	0.58	0.62
13B-C047	CONDUIT	323.95	0	01:16	1.15	1.36	1.00
13B-C048	CHANNEL	466.23	0	00:08	0.67	0.58	0.92
13B-C049	CHANNEL	344.50	0	00:48	0.40	0.08	0.73
13B-C050	CONDUIT	339.82	0	00:50	1.20	1.87	1.00
13B-C051	CONDUIT	897.51	0	00:03	1.68	0.12	0.60
13B-C052	CONDUIT	129.66	0	01:25	1.04	1.86	1.00
13B-C053	CONDUIT	42.39	0	00:22	2.40	1.08	1.00
13B-C054	CONDUIT	32.25	0	00:18	1.86	0.97	1.00
13B-C055	CONDUIT	31.99	0	01:21	1.81	1.17	1.00
13B-C058	CONDUIT	37.93	0	00:34	0.09	0.00	0.19
13B-C059	CHANNEL	69.13	0	00:32	0.79	0.21	0.49
13B-C060	CHANNEL	48.76	0	00:43	0.23	0.97	1.00
13B-C061	CHANNEL	47.54	0	00:32	0.17	0.17	0.92
13B-C063	CONDUIT	129.96	0	01:26	1.03	0.91	1.00
13B-C064	CONDUIT	213.61	0	00:29	1.70	5.17	1.00
13B-C065	CONDUIT	192.24	0	00:35	1.53	1.06	1.00
13B-C066	CONDUIT	190.61	0	00:40	1.61	1.78	0.89
13B-C068	CONDUIT	378.59	0	00:35	2.01	1.90	0.92
13B-C069	CONDUIT	383.11	0	00:34	1.95	5.65	1.00
13B-C070	CONDUIT	398.26	0	00:33	2.03	6.21	1.00
13B-C077	CONDUIT	332.13	0	00:15	1.02	0.15	1.00
13B-C078	CONDUIT	149.02	0	01:19	2.11	2.01	1.00
13B-C086	CONDUIT	149.58	0	02:16	2.08	2.34	1.00
13B-C087	CHANNEL	1055.65	0	00:02	0.95	0.06	0.36
13B-C088	CONDUIT	234.84	0	00:00	1.33	0.73	1.00
13B-C089	CONDUIT	268.69	0	00:45	1.24	0.48	1.00
13B-C090	CONDUIT	40.74	0	00:45	1.30	1.07	1.00
13B-C091	CONDUIT	49.23	0	00:41	1.59	1.08	1.00
13B-C092	CONDUIT	26.82	0	00:26	3.30	0.79	0.83
13B-C094	CONDUIT	169.91	0	00:30	2.40	0.90	1.00
13B-C095	CONDUIT	204.11	0	00:28	2.89	0.87	1.00
13B-C096	CHANNEL	76.60	0	00:30	0.45	0.02	0.58
13B-C097	CHANNEL	348.48	0	00:32	1.50	0.68	0.97
13B-C098	CONDUIT	196.30	0	00:30	1.56	2.69	1.00
13B-C099	CONDUIT	100.99	0	00:33	1.47	1.73	0.91
13B-C100	CONDUIT	100.44	0	00:33	3.05	0.37	0.71
13B-C101	CONDUIT	107.17	0	00:32	1.58	0.93	0.95
13B-C102	CONDUIT	102.93	0	00:32	1.73	0.56	1.00
13B-C104	CHANNEL	0.00	0	00:00	0.00	0.00	0.27
13B-C105	CHANNEL	39.95	0	00:22	0.11	0.03	0.65
13B-C106	CHANNEL	165.09	0	00:36	0.56	0.57	1.00
13B-C107	CONDUIT	149.89	0	02:15	1.13	0.28	1.00
13B-C108	CHANNEL	319.00	0	00:30	0.45	0.16	1.00
13B-C109	CHANNEL	989.02	0	00:35	0.75	0.66	0.86
13B-C110	CHANNEL	40.22	0	00:25	0.25	0.20	0.74
13B-C111	CHANNEL	161.17	0	00:39	0.51	3.13	1.00
13B-C112	CHANNEL	162.63	0	00:23	0.24	0.05	0.76
13B-C113	CHANNEL	37.93	0	00:34	0.19	0.00	0.29
13B-C114	CONDUIT	106.78	0	00:28	1.51	1.01	1.00
13B-C115	CONDUIT	106.14	0	01:10	1.50	1.36	1.00
13B-C116	CONDUIT	240.71	0	01:52	0.85	1.92	1.00
13B-C117	CONDUIT	244.58	0	01:51	0.87	1.50	1.00
13B-C118	CONDUIT	51.56	0	01:02	1.20	0.35	1.00
13B-C119	CONDUIT	128.72	0	00:16	1.24	0.58	1.00
13B-C121	CHANNEL	509.50	0	00:00	1.10	0.07	0.39
13B-P001	PUMP	566.72	0	00:36			

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Flow Classification Summary
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Conduit	Adjusted /Actual Length	Fraction of Time in Flow Class: Dry	Up Dry	Down Dry	Sub Crit	Sup Crit	Up Crit	Down Crit	Avg. Froude Number	Avg. Flow Change
13A-C001	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.0001
13A-C002	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.04	0.0000
13A-C003	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.10	0.0001
13A-C009	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.43	0.0000
13A-C010	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.01	0.0001
13A-C011	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.01	0.0005
13A-C012	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.01	0.0000
13A-C013	1.00	0.01	0.36	0.00	0.63	0.00	0.00	0.00	0.00	0.0001
13A-C014	1.00	0.02	0.00	0.00	0.62	0.00	0.00	0.36	0.01	0.0000
13A-C015	1.00	0.01	0.82	0.00	0.13	0.03	0.00	0.00	0.07	0.0000
13A-C016	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.28	0.0000
13A-C017	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.19	0.0000
13A-C018	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.01	0.0001
13A-C021	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.45	0.0000
13A-C022	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.98	0.29	0.0000
13A-C023	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.30	0.0000
13A-C024	1.00	0.02	0.77	0.00	0.16	0.05	0.00	0.00	0.07	0.0000
13A-C025	1.00	0.80	0.00	0.00	0.19	0.00	0.00	0.00	0.03	0.0000
13A-C026	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.01	0.0001
13A-C027	1.00	0.02	0.00	0.00	0.09	0.00	0.00	0.89	0.08	0.0000
13A-C028	1.00	0.02	0.00	0.00	0.04	0.00	0.00	0.94	0.23	0.0000
13A-C029	1.00	0.01	0.81	0.00	0.10	0.08	0.00	0.00	0.22	0.0000
13A-C030	1.00	0.01	0.00	0.00	0.02	0.01	0.00	0.96	0.31	0.0000
13A-C031	1.00	0.01	0.00	0.00	0.89	0.10	0.00	0.00	0.20	0.0000
13A-C032	1.00	0.01	0.00	0.00	0.01	0.01	0.00	0.96	0.23	0.0000
13A-C033	1.00	0.01	0.88	0.00	0.06	0.05	0.00	0.00	0.09	0.0000
13A-C034	1.00	0.95	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
13A-C036	1.00	0.02	0.00	0.00	0.18	0.00	0.00	0.80	0.43	0.0000
13A-C037	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.05	0.0000
13A-C038	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.02	0.0000
13A-C039	1.00	0.01	0.01	0.00	0.98	0.00	0.00	0.00	0.22	0.0000
13A-C041	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.25	0.0000
13A-C042	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.12	0.0000
13A-C045	1.00	0.01	0.72	0.00	0.27	0.00	0.00	0.00	0.05	0.0000
13A-C047	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.26	0.0000
13A-C048	1.00	0.01	0.47	0.00	0.52	0.00	0.00	0.00	0.00	0.0000
13A-C049	1.00	0.02	0.51	0.00	0.47	0.00	0.00	0.00	0.03	0.0000
13A-C050	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.01	0.0000
13A-C051	1.00	0.02	0.00	0.00	0.17	0.00	0.00	0.81	0.11	0.0000
13A-C052	1.00	0.02	0.35	0.00	0.63	0.00	0.00	0.00	0.06	0.0000
13A-C053	1.00	0.02	0.00	0.00	0.63	0.00	0.00	0.35	0.12	0.0000
13A-C054	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.15	0.0000
13A-C055	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.02	0.0000
13A-C056	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.02	0.0000
13A-C057	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.01	0.0000
13A-C058	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.14	0.0000
13A-C059	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.14	0.0000
13A-C060	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.01	0.0000
13A-C061	1.00	0.02	0.00	0.00	0.96	0.00	0.00	0.02	0.18	0.0000
13A-C062	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.13	0.0000
13A-C063	1.00	0.02	0.14	0.00	0.84	0.00	0.00	0.00	0.01	0.0000
13A-C064	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.06	0.0000
13A-C065	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.01	0.01	0.0000
13A-C066	1.00	0.02	0.00	0.00	0.84	0.00	0.00	0.14	0.15	0.0000
13A-C067	1.00	0.02	0.00	0.00	0.91	0.06	0.00	0.01	0.38	0.0000
13A-C068	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.23	0.0000

13A-C069	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.02	0.0000
13A-C070	1.00	0.02	0.00	0.00	0.26	0.00	0.00	0.72	0.03	0.0000
13A-C071	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.02	0.0000
13A-C072	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.01	0.66	0.0000
13A-C073	1.00	0.02	0.00	0.00	0.57	0.00	0.00	0.42	0.42	0.0001
13A-C074	1.00	0.02	0.77	0.00	0.16	0.05	0.00	0.00	0.12	0.0000
13A-C075	1.00	0.02	0.00	0.00	0.13	0.08	0.00	0.78	0.19	0.0000
13A-C076	1.00	0.01	0.78	0.00	0.16	0.04	0.00	0.00	0.06	0.0000
13A-C077	1.00	0.01	0.00	0.00	0.01	0.00	0.00	0.97	0.16	0.0000
13A-C078	1.00	0.01	0.70	0.00	0.29	0.00	0.00	0.00	0.05	0.0000
13A-C079	1.00	0.01	0.00	0.00	0.20	0.09	0.00	0.70	0.15	0.0000
13A-C080	1.00	0.01	0.00	0.00	0.04	0.00	0.00	0.94	0.18	0.0000
13A-C081	1.00	0.02	0.00	0.00	0.05	0.01	0.00	0.92	0.18	0.0000
13A-C083	1.00	0.01	0.66	0.00	0.33	0.00	0.00	0.00	0.04	0.0000
13A-C084	1.00	0.01	0.79	0.00	0.20	0.00	0.00	0.00	0.03	0.0000
13A-C085	1.00	0.01	0.00	0.00	0.27	0.00	0.00	0.72	0.14	0.0000
13A-C088	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.39	0.0000
13A-C089	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.28	0.0000
13A-C090	1.00	0.93	0.00	0.00	0.04	0.00	0.00	0.03	0.08	0.0000
13A-C091	1.00	0.02	0.00	0.00	0.87	0.11	0.00	0.00	0.20	0.0000
13A-C092	1.00	0.01	0.00	0.00	0.87	0.09	0.00	0.03	0.19	0.0000
13A-C093	1.00	0.02	0.70	0.00	0.28	0.00	0.00	0.00	0.09	0.0000
13A-C094	1.00	0.02	0.00	0.00	0.24	0.05	0.00	0.70	0.13	0.0000
13A-C095	1.00	0.02	0.00	0.00	0.87	0.11	0.00	0.00	0.20	0.0000
13A-C096	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.20	0.0000
13A-C097	1.00	0.00	0.00	0.00	0.07	0.00	0.93	0.00	0.04	0.0000
13A-C098	1.00	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.04	0.0000
13A-C099	1.00	0.02	0.00	0.00	0.06	0.00	0.00	0.92	0.17	0.0000
13A-C100	1.00	0.01	0.65	0.00	0.33	0.00	0.00	0.00	0.02	0.0000
13A-C101	1.00	0.01	0.00	0.00	0.95	0.00	0.03	0.00	0.02	0.0000
13A-C102	1.00	0.00	0.03	0.00	0.97	0.00	0.00	0.00	0.04	0.0000
13A-C106	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.0002
13A-C110	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.0000
13A-C111	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.0000
13A-C112	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.05	0.0000
13A-C113	1.00	0.60	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
13A-C114	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.0001
13A-C115	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.06	0.0000
13A-C116	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.06	0.0000
13A-C117	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.0000
13A-C118	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.0001
13A-C120	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.10	0.0001
13A-C121	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.27	0.0000
13A-C122	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.0001
13A-C123	1.00	0.00	0.00	0.00	0.06	0.00	0.94	0.00	0.19	0.0000
13A-C125	1.00	0.02	0.00	0.00	0.47	0.00	0.00	0.52	0.10	0.0000
13A-C126	1.00	0.02	0.00	0.00	0.03	0.00	0.00	0.96	0.12	0.0000
13A-C127	1.00	0.00	0.00	0.00	0.06	0.01	0.00	0.93	0.32	0.0000
13A-C138	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.0000
13A-C139	1.00	0.01	0.00	0.00	0.02	0.03	0.00	0.93	0.19	0.0000
13A-C140	1.00	0.80	0.00	0.00	0.08	0.00	0.03	0.09	0.11	0.0000
13A-C141	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.02	0.0000
13A-C142	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.18	0.0000
13A-C143	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.35	0.0000
13A-C144	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.0000
13A-C145	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.0000
13A-C147	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.0000
13A-C148	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.07	0.0000
13A-C149	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.05	0.0000
13A-C150	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.0000
13A-C151	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.0000
13A-C152	1.00	0.00	0.68	0.00	0.32	0.00	0.00	0.00	0.02	0.0000
13A-C153	1.00	0.02	0.00	0.00	0.27	0.03	0.00	0.69	0.11	0.0000
13A-C154	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.98	0.14	0.0000
13A-C155	1.00	0.01	0.68	0.00	0.31	0.00	0.00	0.00	0.02	0.0000
13A-C159	1.00	0.00	0.02	0.00	0.97	0.00	0.00	0.00	0.01	0.0000
13A-C160	1.00	0.01	0.00	0.00	0.22	0.77	0.00	0.00	1.15	0.0000
13A-C162	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.0002
13A-C163	1.00	0.02	0.01	0.00	0.97	0.00	0.00	0.00	0.20	0.0000
13A-C164	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.01	0.0000
13A-C165	1.00	0.02	0.00	0.00	0.97	0.01	0.00	0.00	0.31	0.0000
13A-C166	1.00	0.02	0.00	0.00	0.08	0.01	0.00	0.89	0.10	0.0000
13A-C167	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.28	0.0000
13A-C174	1.00	0.02	0.00	0.00	0.16	0.00	0.00	0.82	0.43	0.0000
13A-C176	1.00	0.01	0.00	0.00	0.94	0.03	0.00	0.01	0.59	0.0000
13A-C177	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.06	0.0000
13A-C179	1.00	0.00	0.00	0.00	0.94	0.00	0.00	0.06	0.06	0.0000
13A-C185	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.0000
13A-C186	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.0000
13A-C187	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.36	0.0000
13A-C188	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.37	0.0000
13A-C189	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.09	0.0004
13A-C190	1.00	0.02	0.01	0.00	0.98	0.00	0.00	0.00	0.01	0.0000
13A-C191	1.00	0.00	0.60	0.00	0.40	0.00	0.00	0.00	0.01	0.0000
13A-C192	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.02	0.0000
13A-C193	1.00	0.02	0.00	0.00	0.22	0.00	0.00	0.76	0.26	0.0000
13A-C194	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.73	0.0000
13A-C195	1.00	0.02	0.00	0.00	0.06	0.00	0.00	0.93	0.09	0.0000
13A-C204	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.10	0.0000
13A-C205	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.02	0.0000
13A-C206	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.01	0.0004
13A-C207	1.00	0.02	0.00	0.00	0.16	0.00	0.00	0.81	0.29	0.0000
13A-C209	1.00	0.01	0.63	0.00	0.30	0.05	0.00	0.00	0.08	0.0000
13A-C210	1.00	0.01	0.00	0.00	0.94	0.05	0.00	0.00	0.15	0.0000
13A-C211	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.01	0.0000
13A-C212	1.00	0.01	0.00	0.00	0.45	0.00	0.00	0.54	0.49	0.0000
13A-C213	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.06	0.0000
13A-C214	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.22	0.0000
13A-C217	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.32	0.0000
13A-C218	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.01	0.0000
13A-C219	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.17	0.0000
13B-C001	1.00	0.01	0.00	0.00	0.01	0.00	0.00	0.97	0.29	0.0000
13B-C002	1.00	0.02	0.00	0.00	0.26	0.00	0.00	0.73	0.01	0.0000
13B-C003	1.00	0.02	0.00	0.00	0.15	0.00	0.00	0.84	0.04	0.0000
13B-C004	1.00	0.01	0.68	0.00	0.30	0.00	0.00	0.00	0.02	0.0000
13B-C005	1.00	0.02	0.01	0.00	0.09	0.00	0.00	0.88	0.00	0.0001
13B-C006	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.04	0.0000
13B-C010	1.00	0.01	0.69	0.00	0.30	0.00	0.00	0.00	0.02	0.0000
13B-C011	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.01	0.0000
13B-C012	1.00	0.01	0.61	0.00	0.27	0.00	0.10	0.00	0.00	0.0001
13B-C013	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.0001
13B-C014	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.06	0.0001
13B-C015	1.00	0.01	0.00	0.00	0.94	0.04	0.00	0.00	0.11	0.0000
13B-C017	1.00	0.01	0.00	0.00	0.90	0.02	0.00	0.06	0.23	0.0000
13B-C018	1.00	0.01	0.00	0.00	0.96	0.02	0.00	0.00	0.04	0.0000
13B-C019	1.00	0.02	0.00	0.00	0.94	0.04	0.00	0.00	0.10	0.0000
13B-C020	1.00	0.01	0.00	0.00	0.95	0.00	0.04	0.00	0.02	0.0000
13B-C021	1.00	0.01	0.00	0.00	0.03	0.00	0.00	0.96	0.25	0.0000
13B-C022	1.00	0.02	0.00	0.00	0.04	0.00	0.00	0.94	0.16	0.0000
13B-C023	1.00	0.02	0.78	0.00	0.10	0.10	0.00	0.00	0.19	0.0000
13B-C024	1.00	0.02	0.00	0.00	0.00	0.02	0.00	0.96	0.66	0.0000
13B-C025	1.00	0.02	0.00	0.00	0.82	0.11	0.00	0.05	0.52	0.0000
13B-C026	1.00	0.02	0.00	0.00	0.86	0.08	0.00	0.04	0.23	0.0000
13B-C027	1.00	0.02	0.00	0.00	0.88	0.10	0.00	0.00	0.31	0.0000
13B-C028	1.00	0.01	0.00	0.00	0.89	0.09	0.00	0.00	0.25	0.0000
13B-C029	1.00	0.01	0.00	0.00	0.86	0.08	0.00	0.05	0.26	0.0000
13B-C030	1.00	0.01	0.00	0.00	0.88	0.07	0.00	0.04	0.21	0.0000
13B-C031	1.00	0.01	0.00	0.00	0.90	0.08	0.00	0.00	0.13	0.0000
13B-C032	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.23	0.0000
13B-C033	1.00	0.01	0.00	0.00	0.90	0.08	0.00	0.01	0.23	0.0000
13B-C034	1.00	0.02	0.80	0.00	0.17	0.01	0.00	0.00	0.05	0.0000
13B-C035	1.00	0.01	0.00	0.00	0.13	0.03	0.00	0.82	0.11	0.0000
13B-C036	1.00	0.01	0.00	0.00	0.02	0.01	0.00	0.96	0.22	0.0000
13B-C037	1.00	0.01	0.83	0.00	0.08	0.08	0.00	0.00	0.16	0.0000
13B-C038	1.00	0.02	0.00	0.00	0.06	0.09	0.00	0.83	0.21	0.0000
13B-C039	1.00	0.02	0.00	0.00	0.89	0.09	0.00	0.00	0.23	0.0000
13B-C040	1.00	0.01	0.00	0.00	0.89	0.09	0.00	0.00	0.25	0.0000
13B-C041	1.00	0.01	0.85	0.00	0.06	0.08	0.00	0.00	0.20	0.0000
13B-C042	1.00	0.02	0.00	0.00	0.00	0.01	0.00	0.97	0.22	0.0000
13B-C043	1.00	0.02	0.00	0.00	0.02	0.00	0.00	0.96	0.14	0.0000
13B-C044	1.00	0.02	0.80	0.00	0.17	0.01	0.00	0.00	0.03	0.0000
13B-C045	1.00	0.02	0.00	0.00	0.14	0.00	0.00	0.85	0.02	0.0000
13B-C046	1.00	0.01	0.00	0.00	0.06	0.07	0.00	0.85	0.22	0.0000
13B-C047	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.05	0.0000
13B-C048	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.03	0.0000
13B-C049	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.04	0.0000
13B-C050	1.00	0.01	0.00	0.00	0.98	0.00	0.01	0.00	0.10	0.0001
13B-C051	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.03	0.0000
13B-C052	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.0001
13B-C053	1.00	0.02	0.00	0.00	0.80	0.18	0.00	0.00	0.32	0.0000
13B-C054	1.00	0.02	0.00	0.00	0.56	0.15	0.00	0.28	0.27	0.0000
13B-C055	1.00	0.01	0.28	0.00	0.71	0.00	0.00	0.00	0.00	0.0000
13B-C058	1.00	0.02	0.02	0.00	0.00	0.00	0.97	0.00	0.03	0.0000
13B-C059	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.05	0.0000
13B-C060	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.09	0.0000
13B-C061	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.0000
13B-C063	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.0000
13B-C064	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.0001
13B-C065	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.37	0.0000
13B-C066	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.59	0.0000
13B-C068	1.00	0.02	0.00	0.00	0.95	0.00	0.00	0.04	0.04	0.0000
13B-C069	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.01	0.04	0.0001
13B-C070	1.00	0.01	0.18	0.00	0.80	0.00	0.00	0.00	0.03	0.0001
13B-C077	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.0000
13B-C078	1.00	0.02	0.00	0.00	0.13	0.00	0.00	0.86	0.08	0.0001
13B-C086	1.00	0.01	0.00	0.00	0.17	0.00	0.00	0.82	0.26	0.0001

13B-C087	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.03	0.0000
13B-C088	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.04	0.0001
13B-C089	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.01	0.0000
13B-C090	1.00	0.02	0.00	0.00	0.94	0.02	0.00	0.02	0.11	0.0000
13B-C091	1.00	0.02	0.00	0.00	0.01	0.00	0.00	0.97	0.19	0.0000
13B-C092	1.00	0.01	0.00	0.00	0.00	0.05	0.00	0.93	0.34	0.0000
13B-C094	1.00	0.02	0.00	0.00	0.20	0.04	0.00	0.75	0.09	0.0000
13B-C095	1.00	0.02	0.74	0.00	0.21	0.03	0.00	0.00	0.09	0.0000
13B-C096	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.04	0.0000
13B-C097	1.00	0.01	0.00	0.00	0.98	0.01	0.00	0.00	0.29	0.0000
13B-C098	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.37	0.0000
13B-C099	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.13	0.0000
13B-C100	1.00	0.02	0.00	0.00	0.00	0.01	0.00	0.98	0.51	0.0000
13B-C101	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.98	0.16	0.0000
13B-C102	1.00	0.02	0.00	0.00	0.01	0.01	0.00	0.97	0.23	0.0000
13B-C104	1.00	0.02	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
13B-C105	1.00	0.01	0.01	0.00	0.98	0.00	0.00	0.00	0.00	0.0000
13B-C106	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.02	0.0000
13B-C107	1.00	0.01	0.15	0.00	0.84	0.00	0.00	0.00	0.05	0.0000
13B-C108	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.02	0.0000
13B-C109	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.0000
13B-C110	1.00	0.01	0.01	0.00	0.98	0.00	0.00	0.00	0.08	0.0000
13B-C111	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.15	0.0000
13B-C112	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.06	0.0000
13B-C113	1.00	0.00	0.03	0.00	0.97	0.00	0.00	0.00	0.08	0.0000
13B-C114	1.00	0.02	0.00	0.00	0.06	0.00	0.00	0.92	0.12	0.0000
13B-C115	1.00	0.02	0.00	0.00	0.15	0.00	0.00	0.83	0.01	0.0000
13B-C116	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.04	0.0001
13B-C117	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.04	0.0001
13B-C118	1.00	0.02	0.00	0.00	0.27	0.00	0.00	0.71	0.01	0.0000
13B-C119	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.01	0.0000
13B-C121	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.0000

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Conduit Surcharge Summary
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Conduit	Hours Full: Both Ends	Hours Full: Upstream	Hours Full: Dnstream	Hours Above Full Normal Flow	Hours Capacity Limited
13A-C001	0.01	0.01	0.01	0.01	0.01
13A-C002	0.53	0.53	0.53	0.01	0.01
13A-C003	0.53	0.53	0.53	0.01	0.01
13A-C009	2.14	2.14	2.14	0.01	0.01
13A-C010	1.81	1.81	1.81	1.14	1.07
13A-C011	1.84	1.84	1.84	1.20	1.20
13A-C012	1.85	1.85	1.85	0.75	1.09
13A-C013	2.00	2.00	2.00	1.02	1.11
13A-C014	1.09	1.09	1.09	0.01	0.18
13A-C018	1.78	1.78	1.78	1.13	1.01
13A-C024	0.06	0.06	0.06	0.01	0.04
13A-C026	1.15	1.15	1.15	1.10	1.09
13A-C027	0.42	0.42	0.42	0.62	0.41
13A-C028	0.41	0.41	0.41	0.01	0.01
13A-C029	0.35	0.35	0.35	0.01	0.01
13A-C030	0.26	0.26	0.26	0.01	0.01
13A-C048	2.39	2.39	2.39	0.01	0.01
13A-C050	1.23	1.23	1.23	0.01	0.01
13A-C051	0.81	0.81	0.81	0.01	0.14
13A-C052	0.19	0.19	0.19	0.01	0.01
13A-C057	1.23	1.23	1.23	0.01	0.01
13A-C058	1.85	1.85	1.85	0.10	0.25
13A-C059	1.52	1.52	1.52	0.01	0.01
13A-C060	1.52	1.52	1.52	0.01	0.01
13A-C061	2.01	2.01	2.01	0.01	0.11
13A-C062	1.91	1.91	1.91	0.01	0.18
13A-C063	2.52	2.52	2.52	0.01	0.01
13A-C065	2.56	2.56	2.56	2.57	2.54
13A-C066	2.42	2.42	2.42	0.01	0.01
13A-C067	2.16	2.16	2.16	0.01	0.01
13A-C070	0.83	0.83	0.83	0.01	0.01
13A-C073	0.46	0.46	0.46	1.37	0.46
13A-C074	0.29	0.29	0.29	0.01	0.01
13A-C075	0.23	0.23	0.23	0.01	0.19
13A-C076	0.23	0.23	0.23	0.02	0.17
13A-C077	0.16	0.16	0.17	0.01	0.01
13A-C078	0.29	0.29	0.29	0.01	0.01
13A-C079	0.15	0.15	0.15	0.01	0.13
13A-C081	0.41	0.41	0.41	0.32	0.36
13A-C084	0.45	0.45	0.45	0.01	0.01
13A-C085	0.01	0.01	0.01	0.61	0.01
13A-C089	0.01	0.01	0.01	0.38	0.01
13A-C093	0.25	0.25	0.25	0.27	0.25
13A-C094	0.08	0.08	0.08	0.01	0.01
13A-C096	0.01	0.01	0.01	0.95	0.01
13A-C097	0.25	0.25	0.25	0.80	0.01
13A-C099	0.21	0.21	0.21	0.22	0.21
13A-C100	0.78	0.78	0.78	0.01	0.50
13A-C101	0.27	0.27	0.27	0.01	0.01
13A-C102	0.27	0.27	0.27	0.01	0.01
13A-C106	0.17	0.17	0.17	0.01	0.17
13A-C110	0.01	0.01	0.01	0.01	0.01
13A-C111	0.59	0.59	0.59	0.01	0.27
13A-C112	0.25	0.25	0.25	0.01	0.15
13A-C114	0.01	0.01	0.01	0.19	0.01
13A-C115	0.12	0.12	0.12	0.01	0.01
13A-C116	2.35	2.35	2.35	0.25	0.50
13A-C118	14.91	14.91	14.91	0.36	0.54
13A-C120	0.86	0.86	0.86	0.02	0.44
13A-C121	0.45	0.45	0.45	0.01	0.01
13A-C122	0.32	0.32	0.32	0.14	0.01
13A-C123	0.06	0.06	0.06	0.01	0.01
13A-C125	0.01	0.01	0.01	0.10	0.01
13A-C126	0.01	0.01	0.01	0.24	0.01
13A-C127	0.11	0.11	0.11	0.01	0.11
13A-C138	2.59	2.59	2.59	0.01	0.01
13A-C139	0.24	0.24	0.24	0.01	0.24
13A-C140	0.55	0.55	0.55	0.02	0.01
13A-C143	0.01	0.01	0.01	1.37	0.01
13A-C144	14.98	14.98	14.98	0.01	0.01
13A-C145	15.00	15.00	15.00	0.01	0.01
13A-C150	0.16	0.16	0.16	0.01	0.01
13A-C151	0.11	0.11	0.11	0.01	0.01
13A-C155	0.02	0.02	0.02	0.01	0.01
13A-C162	14.96	14.96	14.96	0.42	0.58
13A-C164	2.41	2.41	2.41	0.01	1.20
13A-C165	2.29	2.29	2.29	0.01	0.01
13A-C174	1.66	1.66	1.66	0.01	0.01
13A-C177	0.58	0.58	0.58	0.29	0.43
13A-C185	0.21	0.21	0.21	0.01	0.01
13A-C186	0.14	0.14	0.14	0.01	0.01
13A-C189	0.02	0.02	0.03	0.72	0.02
13A-C192	0.47	0.47	0.47	0.01	0.01
13A-C205	1.66	1.66	1.66	0.01	0.01
13A-C206	1.86	1.86	1.86	1.21	1.14
13A-C207	2.28	2.28	2.28	0.08	0.13
13A-C211	0.82	0.82	0.82	0.01	0.04
13A-C212	0.01	0.01	0.01	1.09	0.01
13A-C219	0.39	0.39	0.39	0.40	0.39
13B-C001	0.19	0.19	0.19	0.01	0.17
13B-C002	1.35	1.35	1.35	0.01	0.01
13B-C003	1.03	1.03	1.03	0.01	0.47
13B-C004	0.67	0.67	0.67	0.01	0.01
13B-C005	0.63	0.63	0.63	0.01	0.01
13B-C006	1.33	1.33	1.33	0.01	0.01
13B-C010	0.93	0.93	0.93	0.01	0.01
13B-C012	3.94	3.94	3.94	1.10	0.01
13B-C013	3.94	3.94	3.94	3.48	0.01
13B-C014	3.94	3.94	3.94	3.37	3.16
13B-C015	0.64	0.64	0.64	0.01	0.59
13B-C018	0.67	0.67	0.67	0.01	0.65
13B-C019	0.43	0.43	0.43	0.01	0.01
13B-C020	0.43	0.43	0.43	0.01	0.01
13B-C021	0.22	0.22	0.22	0.01	0.19
13B-C022	0.64	0.64	0.64	0.31	0.26
13B-C026	0.37	0.37	0.37	0.01	0.01
13B-C027	0.25	0.25	0.25	0.01	0.01
13B-C028	0.19	0.19	0.19	0.01	0.18
13B-C029	0.37	0.37	0.37	0.01	0.35
13B-C030	0.37	0.37	0.37	0.11	0.37
13B-C034	0.81	0.81	0.81	0.01	0.01
13B-C035	0.33	0.33	0.33	0.01	0.29
13B-C036	0.31	0.31	0.31	0.01	0.27
13B-C037	0.15	0.15	0.15	0.01	0.01
13B-C038	0.08	0.08	0.08	0.01	0.01
13B-C039	0.04	0.04	0.04	0.01	0.01
13B-C043	0.14	0.14	0.14	0.01	0.10
13B-C044	0.25	0.25	0.25	0.01	0.01
13B-C045	0.72	0.72	0.72	0.01	0.25
13B-C047	1.44	1.44	1.44	1.41	1.39
13B-C050	2.53	2.53	2.53	1.25	1.40
13B-C052	14.72	14.72	14.72	14.12	14.14
13B-C053	0.81	0.81	0.81	0.07	0.10

13B-C054	1.04	1.04	1.05	0.01	0.04
13B-C055	1.21	1.21	1.21	0.60	1.04
13B-C060	3.95	3.95	3.95	0.01	0.01
13B-C063	14.72	14.72	14.72	0.01	0.01
13B-C064	14.72	14.72	14.72	14.75	14.72
13B-C065	1.51	1.51	1.51	0.30	0.74
13B-C066	0.01	0.01	0.01	14.69	0.01
13B-C068	0.01	0.01	0.01	0.23	0.01
13B-C069	0.20	0.20	0.20	0.70	0.20
13B-C070	0.28	0.28	0.28	0.72	0.28
13B-C077	14.73	14.73	14.73	0.01	0.01
13B-C078	1.34	1.34	1.34	1.47	1.34
13B-C086	2.29	2.29	2.29	3.97	2.29
13B-C088	0.01	0.01	0.01	0.01	0.01
13B-C089	1.35	1.35	1.35	0.01	0.01
13B-C090	0.25	0.25	0.25	0.37	0.07
13B-C091	0.19	0.19	0.19	0.01	0.01
13B-C094	0.32	0.32	0.32	0.01	0.01
13B-C095	0.66	0.66	0.66	0.01	0.01
13B-C098	1.51	1.51	1.51	14.73	1.51
13B-C099	0.01	0.01	0.01	0.13	0.01
13B-C102	0.01	0.01	0.01	0.01	0.01
13B-C106	14.75	14.75	14.75	0.01	0.01
13B-C107	2.12	2.12	2.12	0.01	0.01
13B-C108	0.53	0.53	0.53	0.01	0.01
13B-C111	3.95	3.95	3.95	14.74	0.01
13B-C114	0.86	0.86	0.86	0.01	0.83
13B-C115	0.89	0.89	0.89	0.91	0.87
13B-C116	1.85	1.85	1.85	2.91	0.95
13B-C117	1.73	1.73	1.73	1.22	0.82
13B-C118	1.63	1.63	1.63	0.01	0.01
13B-C119	14.70	14.70	14.70	0.01	0.01

****
Pumping Summary
****

Pump	Percent Utilized	Max Flow LPS	Avg Flow LPS	Total Volume 10^6 ltr	Power Usage Kw-hr	% Time Off Curve
13B-P001	98.03	566.72	133.57	7.071	39.07	0.00

Analysis begun on: Tue Jun 23 10:36:14 2009
Analysis ended on: Tue Jun 23 10:40:18 2009
Total elapsed time: 00:04:04

Tr = 20 anni

```
  EPA STORM WATER MANAGEMENT MODEL - VERSION 5.0 (Build 5.0.015)
  --------------------------------------------------------------

  Sistema Fognario MONTALLESE
  CN2, Beta 0.20
  Maggio 2009

  ***********************************************************
  NOTE: The summary statistics displayed in this report are
  based on results found at every computational time step,
  not just on results from each reporting time step.
  ***********************************************************

  ****************
  Analysis Options
  ****************
  Flow Units ............... LPS
  Process Models:
    Rainfall/Runoff ........ YES
    Snowmelt ............... NO
    Groundwater ............ NO
    Flow Routing ........... YES
    Water Quality .......... NO
  Infiltration Method ...... CURVE_NUMBER
  Flow Routing Method ...... DYNWAVE
  Starting Date ............ APR-01-2013 12:00:00
  Ending Date .............. APR-02-2013 03:00:00
  Antecedent Dry Days ...... 0.0
  Report Time Step ......... 00:01:00
  Wet Time Step ............ 00:05:00
  Dry Time Step ............ 01:00:00
  Routing Time Step ........ 1.00 sec

  WARNING 04: minimum elevation drop used for Conduit 13A-C011
Link 13A-C036, Lfactor = 1.000000, n = 0.035000
Link 13A-C037, Lfactor = 1.000000, n = 0.035000
Link 13A-C038, Lfactor = 1.000000, n = 0.035000
Link 13A-C039, Lfactor = 1.000000, n = 0.035000
Link 13A-C041, Lfactor = 1.000000, n = 0.035000
Link 13A-C042, Lfactor = 1.000000, n = 0.035000
Link 13A-C045, Lfactor = 1.000000, n = 0.035000
Link 13A-C047, Lfactor = 1.000000, n = 0.035000
Link 13A-C068, Lfactor = 1.000000, n = 0.035000
Link 13A-C069, Lfactor = 1.000000, n = 0.035000
Link 13A-C113, Lfactor = 1.000000, n = 0.035000
Link 13A-C114, Lfactor = 1.000000, n = 0.035000
Link 13A-C115, Lfactor = 1.000000, n = 0.035000
Link 13A-C117, Lfactor = 1.000000, n = 0.035000
Link 13A-C141, Lfactor = 1.000000, n = 0.035000
Link 13A-C147, Lfactor = 1.000000, n = 0.035000
Link 13A-C148, Lfactor = 1.000000, n = 0.035000
Link 13A-C149, Lfactor = 1.000000, n = 0.035000
Link 13A-C160, Lfactor = 1.000000, n = 0.035000
Link 13A-C163, Lfactor = 1.000000, n = 0.035000
Link 13A-C185, Lfactor = 1.000000, n = 0.035000
Link 13A-C187, Lfactor = 1.000000, n = 0.035000
Link 13A-C188, Lfactor = 1.000000, n = 0.035000
Link 13A-C189, Lfactor = 1.000000, n = 0.035000
Link 13A-C190, Lfactor = 1.000000, n = 0.035000
Link 13A-C191, Lfactor = 1.000000, n = 0.035000
Link 13A-C192, Lfactor = 1.000000, n = 0.035000
Link 13A-C193, Lfactor = 1.000000, n = 0.035000
Link 13A-C194, Lfactor = 1.000000, n = 0.035000
Link 13A-C204, Lfactor = 1.000000, n = 0.035000
  WARNING 04: minimum elevation drop used for Conduit 13A-C206
Link 13A-C210, Lfactor = 1.000000, n = 0.035000
Link 13A-C213, Lfactor = 1.000000, n = 0.035000
Link 13A-C214, Lfactor = 1.000000, n = 0.035000
Link 13B-C010, Lfactor = 1.000000, n = 0.035000
Link 13B-C011, Lfactor = 1.000000, n = 0.035000
Link 13B-C048, Lfactor = 1.000000, n = 0.035000
Link 13B-C049, Lfactor = 1.000000, n = 0.035000
Link 13B-C059, Lfactor = 1.000000, n = 0.035000
Link 13B-C060, Lfactor = 1.000000, n = 0.035000
Link 13B-C061, Lfactor = 1.000000, n = 0.035000
Link 13B-C087, Lfactor = 1.000000, n = 0.035000
Link 13B-C096, Lfactor = 1.000000, n = 0.035000
Link 13B-C097, Lfactor = 1.000000, n = 0.035000
Link 13B-C104, Lfactor = 1.000000, n = 0.035000
Link 13B-C105, Lfactor = 1.000000, n = 0.035000
Link 13B-C106, Lfactor = 1.000000, n = 0.035000
Link 13B-C108, Lfactor = 1.000000, n = 0.035000
Link 13B-C109, Lfactor = 1.000000, n = 0.035000
Link 13B-C110, Lfactor = 1.000000, n = 0.035000
Link 13B-C111, Lfactor = 1.000000, n = 0.035000
Link 13B-C112, Lfactor = 1.000000, n = 0.035000
Link 13B-C113, Lfactor = 1.000000, n = 0.035000
Link 13B-C121, Lfactor = 1.000000, n = 0.035000
  WARNING 02: maximum depth increased for Node 13A-N073
  WARNING 02: maximum depth increased for Node 13A-N105
  WARNING 02: maximum depth increased for Node 13A-N108
  WARNING 02: maximum depth increased for Node 13A-N109
  WARNING 02: maximum depth increased for Node 13A-N110
  WARNING 02: maximum depth increased for Node 13A-N112
  WARNING 02: maximum depth increased for Node 13A-N118
  WARNING 02: maximum depth increased for Node 13A-N133
  WARNING 02: maximum depth increased for Node 13A-N134
  WARNING 02: maximum depth increased for Node 13A-N143
  WARNING 02: maximum depth increased for Node 13A-N152
  WARNING 02: maximum depth increased for Node 13A-N154
  WARNING 02: maximum depth increased for Node 13A-N155
  WARNING 02: maximum depth increased for Node 13A-N159
  WARNING 02: maximum depth increased for Node 13A-N160
  WARNING 02: maximum depth increased for Node 13A-N161
  WARNING 02: maximum depth increased for Node 13A-N162
  WARNING 02: maximum depth increased for Node 13A-N163
  WARNING 02: maximum depth increased for Node 13A-N164
  WARNING 02: maximum depth increased for Node 13A-N165
  WARNING 02: maximum depth increased for Node 13A-N166
  WARNING 02: maximum depth increased for Node 13A-N167
  WARNING 02: maximum depth increased for Node 13A-N168
  WARNING 02: maximum depth increased for Node 13A-N169
  WARNING 02: maximum depth increased for Node 13A-N170
  WARNING 02: maximum depth increased for Node 13A-N172
  WARNING 02: maximum depth increased for Node 13A-N174
  WARNING 02: maximum depth increased for Node 13A-N175
  WARNING 02: maximum depth increased for Node 13A-N176
  WARNING 02: maximum depth increased for Node 13A-N186
  WARNING 02: maximum depth increased for Node 13A-N187
  WARNING 02: maximum depth increased for Node 13B-N059
  WARNING 02: maximum depth increased for Node 13B-N065
  WARNING 02: maximum depth increased for Node 13B-N076
  WARNING 02: maximum depth increased for Node 13B-N077
  WARNING 02: maximum depth increased for Node 13B-N078
  WARNING 02: maximum depth increased for Node 13B-N088
  WARNING 02: maximum depth increased for Node 13B-N089
  WARNING 02: maximum depth increased for Node 13B-N093
  WARNING 02: maximum depth increased for Node 13B-N094
  WARNING 02: maximum depth increased for Node 13B-N098
  WARNING 02: maximum depth increased for Node 13B-N099
  WARNING 02: maximum depth increased for Node 13B-N100
  WARNING 02: maximum depth increased for Node 13B-N102
  WARNING 02: maximum depth increased for Node 13B-N104
  WARNING 02: maximum depth increased for Node 13B-N105

  *************
  Element Count
  *************
  Number of rain gages ...... 1
  Number of subcatchments ... 86
  Number of nodes ........... 255
  Number of links ........... 255
  Number of pollutants ...... 0
  Number of land uses ....... 0


  ****************
  Raingage Summary
  ****************
                                                Data        Interval
  Name                 Data Source              Type           hours
  ----------------------------------------------------------------
  Chiusi               Piogge_Stor&Sint         CUMULATIVE      0.02


  *********************
  Subcatchment Summary
  *********************
  Name                        Area     Width   %Imperv    %Slope    Rain Gage            Outlet

-----------------------------------------------------------------------------------------------------------
----
  13A-S001                    0.22    101.65     70.00    2.4200    Chiusi               13A-N081
```

13A-S002	0.94	195.53	5.00	8.7900	Chiusi	13A-S001
13A-S003	2.98	353.65	60.00	7.8700	Chiusi	13A-N159
13A-S004	1.65	259.06	5.00	7.2900	Chiusi	13A-N186
13A-S005	2.60	244.23	33.00	14.5300	Chiusi	13A-S07A
13A-S006	0.19	87.53	70.00	1.3000	Chiusi	13A-N077
13A-S07A	0.76	175.06	70.00	2.6700	Chiusi	13A-N155
13A-S07B	0.17	96.71	70.00	2.6700	Chiusi	13A-N154
13A-S07C	0.72	244.94	70.00	2.6700	Chiusi	13A-N152
13A-S008	0.07	50.12	70.00	0.5800	Chiusi	13A-N119
13A-S009	0.26	95.29	70.00	1.6900	Chiusi	13A-N124
13A-S010	0.89	240.00	70.00	4.0300	Chiusi	13A-N125
13A-S011	0.25	189.88	70.00	1.1700	Chiusi	13A-N172
13A-S012	0.29	147.53	64.00	0.5500	Chiusi	13A-N158
13A-S013	0.37	110.82	70.00	0.5100	Chiusi	13A-S012
13A-S014	0.31	97.41	70.00	2.7100	Chiusi	13A-N085
13A-S015	0.34	107.29	69.00	2.2400	Chiusi	13A-S001
13A-S016	0.27	113.65	40.00	1.7100	Chiusi	13A-N109
13A-S017	0.58	129.88	49.00	1.9100	Chiusi	13A-N165
13A-S018	0.28	131.29	70.00	0.8700	Chiusi	13A-N146
13A-S019	0.65	149.65	45.00	1.1900	Chiusi	13A-N113
13A-S020	0.53	122.82	70.00	2.7400	Chiusi	13A-N097
13A-S021	0.50	125.65	70.00	1.3500	Chiusi	13A-N149
13A-S022	1.76	231.53	65.00	8.2700	Chiusi	13A-N096
13A-S023	1.42	329.65	40.00	6.9100	Chiusi	13A-N104
13A-S024	2.21	285.88	9.00	0.6100	Chiusi	13A-N143
13A-S025	22.86	951.53	5.00	1.6700	Chiusi	13A-N162
13A-S026	7.22	729.88	21.00	5.4300	Chiusi	13A-S025
13A-S027	15.59	1003.06	8.00	4.3200	Chiusi	13A-S025
13A-S028	0.46	131.29	70.00	3.1700	Chiusi	13A-N094
13A-S029	0.82	151.76	10.00	2.0400	Chiusi	13A-N108
13A-S030	0.45	208.94	70.00	0.3400	Chiusi	13A-N067
13A-S031	0.26	112.94	70.00	0.2600	Chiusi	13A-N060
13A-S032	0.22	148.23	70.00	0.7900	Chiusi	13A-N060
13A-S033	0.19	75.53	70.00	1.9800	Chiusi	13A-N008
13A-S034	0.08	112.23	60.00	3.0500	Chiusi	13A-S033
13A-S035	0.10	66.35	27.00	2.1200	Chiusi	13A-N075
13A-S036	0.07	42.35	5.00	3.0300	Chiusi	13A-N072
13A-S037	0.10	67.76	13.00	1.5600	Chiusi	13A-N105
13A-S38A	1.43	270.35	16.00	1.2900	Chiusi	13A-S46B
13A-S38B	0.88	195.53	16.00	1.2900	Chiusi	13A-S039
13A-S039	0.63	152.47	70.00	0.5600	Chiusi	13A-N001
13A-S040	0.28	112.94	70.00	0.4800	Chiusi	13A-N142
13A-S041	0.04	35.29	70.00	0.2500	Chiusi	13A-N061
13A-S042	0.26	93.18	70.00	4.7400	Chiusi	13A-N020
13A-S043	0.29	98.12	70.00	5.4100	Chiusi	13A-N032
13A-S044	0.22	94.59	70.00	4.0800	Chiusi	13A-N022
13A-S045	1.02	336.70	70.00	1.0300	Chiusi	13A-S011
13A-S46A	1.19	195.53	70.00	1.2900	Chiusi	13A-N110
13A-S46B	0.19	127.76	70.00	1.2900	Chiusi	13A-N175
13A-S047	2.50	286.59	38.00	3.1500	Chiusi	13A-N185
13A-S048	0.33	97.41	5.00	0.7400	Chiusi	13A-N173
13A-S049	0.46	165.88	70.00	3.9800	Chiusi	13A-N062
13A-S050	0.26	103.06	70.00	1.9700	Chiusi	13A-N142
13A-S051	0.37	146.12	70.00	4.0900	Chiusi	13A-N028
13A-S052	0.56	148.23	70.00	3.9700	Chiusi	13A-N024
13A-S053	11.47	797.64	15.00	4.4800	Chiusi	13A-N169
13A-S054	0.08	53.65	70.00	6.1400	Chiusi	13A-N023
13B-S001	0.30	97.41	70.00	3.6900	Chiusi	13B-N041
13B-S002	0.57	124.94	70.00	5.0000	Chiusi	13B-N045
13B-S003	0.21	129.88	70.00	5.0800	Chiusi	13B-N039
13B-S004	0.96	211.06	70.00	3.7300	Chiusi	13B-N059
13B-S005	0.35	206.82	70.00	3.2900	Chiusi	13B-N013
13B-S006	0.54	122.12	70.00	0.7300	Chiusi	13B-N093
13B-S007	0.86	194.82	6.00	3.1400	Chiusi	13B-N068
13B-S008	0.60	154.59	70.00	0.5200	Chiusi	13B-N001
13B-S009	0.28	89.65	70.00	0.7400	Chiusi	13B-N002
13B-S010	1.70	243.53	70.00	0.7900	Chiusi	13B-N070
13B-S011	20.93	1250.11	9.00	2.4500	Chiusi	13B-N061
13B-S012	1.30	204.00	65.00	3.4300	Chiusi	13B-N067
13B-S013	2.03	251.29	55.00	4.6300	Chiusi	13B-N025
13B-S14A	1.06	192.00	12.00	2.0500	Chiusi	13B-N098
13B-S14B	0.53	162.35	12.00	2.0500	Chiusi	13B-N099
13B-S14C	9.51	667.06	12.00	2.0500	Chiusi	13B-N097
13B-S14D	0.88	205.41	12.00	2.0500	Chiusi	13B-N100
13B-S015	0.24	76.94	70.00	5.0500	Chiusi	13B-N007
13B-S016	0.11	60.00	70.00	5.3700	Chiusi	13B-N031
13B-S017	0.09	58.59	70.00	3.9000	Chiusi	13B-N033
13B-S018	0.12	63.53	70.00	3.8300	Chiusi	13B-N033
13B-S019	0.28	98.12	70.00	4.8600	Chiusi	13B-N034
13B-S020	0.29	106.59	70.00	2.9300	Chiusi	13B-N083
13B-S021	0.38	112.23	70.00	1.3800	Chiusi	13B-N019
13B-S022	7.70	499.76	15.00	3.4200	Chiusi	13B-N094
13B-S023	0.15	90.35	31.00	1.2400	Chiusi	13B-S14A

13B-S024	0.47	139.06	70.00	6.1400	Chiusi	13B-N012
13B-S025	0.59	136.23	70.00	3.3900	Chiusi	13B-N074

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Node Summary
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Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
13A-N001	JUNCTION	250.68	1.17	500.0	
13A-N003	JUNCTION	250.46	0.90	500.0	
13A-N004	JUNCTION	250.52	0.80	500.0	
13A-N005	JUNCTION	250.01	0.95	500.0	
13A-N006	JUNCTION	250.56	0.77	500.0	
13A-N007	JUNCTION	249.80	1.10	500.0	
13A-N008	JUNCTION	250.58	0.80	500.0	
13A-N009	JUNCTION	250.63	0.75	500.0	
13A-N010	JUNCTION	250.55	0.90	500.0	
13A-N011	JUNCTION	250.66	0.90	500.0	
13A-N012	JUNCTION	250.56	1.05	500.0	
13A-N013	JUNCTION	250.70	1.15	500.0	
13A-N014	JUNCTION	250.79	0.80	500.0	
13A-N015	JUNCTION	250.88	0.68	500.0	
13A-N016	JUNCTION	250.97	0.60	500.0	
13A-N017	JUNCTION	250.92	0.60	500.0	
13A-N018	JUNCTION	250.96	0.60	500.0	
13A-N019	JUNCTION	265.38	0.70	500.0	
13A-N020	JUNCTION	263.97	0.60	500.0	
13A-N022	JUNCTION	262.91	0.55	500.0	
13A-N023	JUNCTION	260.51	0.75	500.0	
13A-N024	JUNCTION	258.82	0.52	500.0	
13A-N025	JUNCTION	256.63	0.65	500.0	
13A-N026	JUNCTION	255.01	0.90	500.0	
13A-N027	JUNCTION	252.52	1.00	500.0	
13A-N028	JUNCTION	258.40	0.70	500.0	
13A-N031	JUNCTION	257.83	1.10	500.0	
13A-N032	JUNCTION	257.16	0.65	500.0	
13A-N033	JUNCTION	256.41	1.46	500.0	
13A-N040	JUNCTION	251.10	1.25	500.0	
13A-N043	JUNCTION	250.72	1.25	500.0	
13A-N048	JUNCTION	250.67	1.16	500.0	
13A-N050	JUNCTION	250.67	1.16	500.0	
13A-N052	JUNCTION	250.66	1.23	500.0	
13A-N055	JUNCTION	250.69	1.10	500.0	
13A-N058	JUNCTION	249.91	1.75	500.0	
13A-N059	JUNCTION	249.97	1.70	500.0	
13A-N060	JUNCTION	249.83	1.80	500.0	
13A-N061	JUNCTION	250.22	1.66	500.0	
13A-N062	JUNCTION	260.69	0.60	500.0	
13A-N063	JUNCTION	258.00	0.75	500.0	
13A-N064	JUNCTION	252.54	0.75	500.0	
13A-N065	JUNCTION	251.35	1.10	500.0	
13A-N066	JUNCTION	250.97	1.25	500.0	
13A-N067	JUNCTION	251.73	0.40	500.0	
13A-N069	JUNCTION	251.33	0.70	500.0	
13A-N070	JUNCTION	251.23	0.81	500.0	
13A-N071	JUNCTION	251.17	0.80	500.0	
13A-N072	JUNCTION	250.22	1.10	500.0	
13A-N073	JUNCTION	250.90	0.69	0.0	
13A-N074	JUNCTION	250.58	0.70	500.0	
13A-N075	JUNCTION	250.28	1.15	500.0	
13A-N076	JUNCTION	249.91	1.50	500.0	
13A-N077	JUNCTION	249.43	1.15	500.0	
13A-N079	JUNCTION	249.37	1.25	500.0	
13A-N081	JUNCTION	250.08	0.40	500.0	
13A-N082	JUNCTION	249.66	1.15	500.0	
13A-N084	JUNCTION	249.68	0.70	500.0	
13A-N085	JUNCTION	249.79	0.65	500.0	
13A-N086	JUNCTION	249.56	0.70	500.0	
13A-N087	JUNCTION	249.57	0.70	500.0	
13A-N088	JUNCTION	249.71	0.59	500.0	
13A-N089	JUNCTION	249.97	0.66	500.0	
13A-N090	JUNCTION	250.16	0.72	500.0	
13A-N091	JUNCTION	250.85	0.70	500.0	
13A-N092	JUNCTION	251.66	0.65	500.0	
13A-N093	JUNCTION	252.40	0.72	500.0	
13A-N094	JUNCTION	253.21	0.71	500.0	
13A-N095	JUNCTION	254.64	0.70	500.0	
13A-N096	JUNCTION	255.33	0.80	500.0	
13A-N097	JUNCTION	252.55	0.65	500.0	
13A-N098	JUNCTION	251.61	0.62	500.0	
13A-N099	JUNCTION	250.09	0.90	500.0	
13A-N100	JUNCTION	251.77	1.40	500.0	
13A-N101	JUNCTION	252.65	1.20	500.0	
13A-N102	JUNCTION	254.43	1.30	500.0	
13A-N103	JUNCTION	255.97	1.29	500.0	
13A-N104	JUNCTION	256.82	1.50	500.0	
13A-N105	JUNCTION	250.35	1.43	0.0	
13A-N106	JUNCTION	250.77	1.06	500.0	
13A-N107	JUNCTION	250.03	1.27	0.0	
13A-N108	JUNCTION	251.40	0.69	0.0	
13A-N109	JUNCTION	251.07	0.40	500.0	
13A-N110	JUNCTION	250.21	0.82	0.0	
13A-N111	JUNCTION	250.98	1.30	500.0	
13A-N112	JUNCTION	248.88	2.19	0.0	
13A-N113	JUNCTION	250.37	0.70	500.0	
13A-N114	JUNCTION	250.26	0.70	500.0	
13A-N115	JUNCTION	249.23	2.43	0.0	
13A-N116	JUNCTION	249.37	1.52	500.0	
13A-N117	JUNCTION	249.33	1.50	500.0	
13A-N118	JUNCTION	250.00	1.84	0.0	
13A-N119	JUNCTION	249.93	1.60	500.0	
13A-N121	JUNCTION	250.35	1.65	500.0	
13A-N123	JUNCTION	250.63	1.75	500.0	
13A-N124	JUNCTION	250.92	1.45	500.0	
13A-N125	JUNCTION	250.78	1.80	500.0	
13A-N126	JUNCTION	249.80	1.75	500.0	
13A-N127	JUNCTION	249.19	1.80	0.0	
13A-N128	JUNCTION	248.08	2.90	500.0	
13A-N132	JUNCTION	248.34	1.36	0.0	
13A-N133	JUNCTION	248.91	2.23	0.0	
13A-N134	JUNCTION	249.62	1.56	0.0	
13A-N135	JUNCTION	249.64	1.40	0.0	
13A-N136	JUNCTION	249.55	1.20	0.0	
13A-N137	JUNCTION	249.65	1.10	0.0	
13A-N138	JUNCTION	249.06	2.58	0.0	
13A-N139	JUNCTION	252.10	1.10	500.0	
13A-N140	JUNCTION	253.80	1.20	500.0	
13A-N142	JUNCTION	250.90	1.10	500.0	
13A-N143	JUNCTION	250.80	1.43	0.0	
13A-N144	JUNCTION	249.70	1.00	500.0	
13A-N145	JUNCTION	249.60	2.00	0.0	
13A-N146	JUNCTION	252.43	0.57	500.0	
13A-N147	JUNCTION	250.50	0.90	500.0	
13A-N148	JUNCTION	249.35	1.15	500.0	
13A-N149	JUNCTION	250.20	0.60	500.0	
13A-N150	JUNCTION	249.32	1.10	0.0	
13A-N151	JUNCTION	251.00	0.90	0.0	
13A-N152	JUNCTION	250.22	1.84	0.0	
13A-N153	JUNCTION	249.75	0.65	0.0	
13A-N154	JUNCTION	249.81	0.54	0.0	
13A-N155	JUNCTION	249.41	1.06	0.0	
13A-N156	JUNCTION	249.17	1.63	0.0	
13A-N157	JUNCTION	249.42	1.38	0.0	
13A-N158	JUNCTION	249.00	1.70	0.0	
13A-N159	JUNCTION	249.43	1.00	0.0	
13A-N160	JUNCTION	252.68	2.44	0.0	
13A-N161	JUNCTION	251.46	1.33	0.0	
13A-N162	JUNCTION	253.70	2.44	0.0	
13A-N163	JUNCTION	251.05	1.51	0.0	
13A-N164	JUNCTION	250.85	1.51	0.0	
13A-N165	JUNCTION	250.66	0.98	0.0	
13A-N166	JUNCTION	254.65	1.02	0.0	
13A-N167	JUNCTION	253.70	0.96	0.0	
13A-N168	JUNCTION	253.35	0.85	0.0	
13A-N169	JUNCTION	255.03	1.02	0.0	
13A-N170	JUNCTION	251.30	1.35	0.0	
13A-N171	JUNCTION	247.97	2.81	0.0	
13A-N172	JUNCTION	249.99	0.70	0.0	
13A-N173	JUNCTION	250.43	0.70	0.0	
13A-N174	JUNCTION	250.00	0.82	0.0	
13A-N175	JUNCTION	250.16	0.76	0.0	
13A-N176	JUNCTION	248.95	2.23	0.0	
13A-N180	JUNCTION	250.65	1.17	0.0	
13A-N181	JUNCTION	250.67	1.18	0.0	
13A-N182	JUNCTION	250.40	1.00	0.0	
13A-N185	JUNCTION	257.30	1.00	0.0	
13A-N186	JUNCTION	259.71	0.62	0.0	
13A-N187	JUNCTION	251.05	1.35	0.0	
13A-N188	JUNCTION	249.20	2.30	500.0	
13A-N189	JUNCTION	261.00	1.00	500.0	
13B-N001	JUNCTION	251.12	1.39	500.0	
13B-N002	JUNCTION	251.11	1.03	500.0	

13B-N003	JUNCTION	252.21	0.29	500.0
13B-N005	JUNCTION	252.64	0.71	500.0
13B-N006	JUNCTION	253.22	0.86	500.0
13B-N007	JUNCTION	253.68	0.78	500.0
13B-N008	JUNCTION	254.37	0.78	500.0
13B-N009	JUNCTION	255.13	0.78	500.0
13B-N010	JUNCTION	256.22	0.78	500.0
13B-N011	JUNCTION	258.09	0.78	500.0
13B-N012	JUNCTION	259.78	0.78	500.0
13B-N013	JUNCTION	257.41	0.45	500.0
13B-N014	JUNCTION	255.45	0.70	500.0
13B-N015	JUNCTION	254.15	0.70	500.0
13B-N016	JUNCTION	252.51	0.76	500.0
13B-N017	JUNCTION	252.28	0.71	500.0
13B-N018	JUNCTION	251.83	0.71	500.0
13B-N019	JUNCTION	251.88	0.55	500.0
13B-N020	JUNCTION	251.75	0.66	500.0
13B-N021	JUNCTION	251.65	0.70	500.0
13B-N022	JUNCTION	251.50	0.95	500.0
13B-N023	JUNCTION	249.37	2.45	500.0
13B-N024	JUNCTION	249.51	3.15	500.0
13B-N025	JUNCTION	249.86	2.36	500.0
13B-N026	JUNCTION	250.26	1.80	500.0
13B-N027	JUNCTION	250.32	1.85	500.0
13B-N028	JUNCTION	251.38	1.75	500.0
13B-N029	JUNCTION	253.35	1.75	500.0
13B-N030	JUNCTION	261.34	0.30	500.0
13B-N031	JUNCTION	262.15	0.20	500.0
13B-N032	JUNCTION	262.96	0.30	500.0
13B-N033	JUNCTION	263.99	0.30	500.0
13B-N034	JUNCTION	266.64	0.50	500.0
13B-N035	JUNCTION	266.77	0.55	500.0
13B-N036	JUNCTION	266.39	0.60	500.0
13B-N039	JUNCTION	263.83	0.75	500.0
13B-N041	JUNCTION	263.55	0.65	500.0
13B-N042	JUNCTION	262.88	0.70	500.0
13B-N043	JUNCTION	262.68	0.75	500.0
13B-N044	JUNCTION	261.89	0.80	500.0
13B-N045	JUNCTION	260.90	0.75	500.0
13B-N046	JUNCTION	260.53	0.65	500.0
13B-N047	JUNCTION	259.38	0.75	500.0
13B-N048	JUNCTION	258.85	0.80	500.0
13B-N049	JUNCTION	257.78	0.70	500.0
13B-N050	JUNCTION	256.22	0.75	500.0
13B-N051	JUNCTION	255.53	0.70	500.0
13B-N052	JUNCTION	254.23	0.56	500.0
13B-N057	JUNCTION	253.10	0.45	500.0
13B-N058	JUNCTION	249.75	2.70	500.0
13B-N059	JUNCTION	260.96	0.27	0.0
13B-N060	JUNCTION	249.39	2.92	500.0
13B-N061	JUNCTION	251.60	0.74	500.0
13B-N062	JUNCTION	251.61	0.70	500.0
13B-N063	JUNCTION	251.64	0.65	500.0
13B-N064	JUNCTION	251.73	0.70	500.0
13B-N065	JUNCTION	250.72	1.55	0.0
13B-N066	JUNCTION	257.09	1.75	0.0
13B-N067	JUNCTION	249.41	3.45	500.0
13B-N068	JUNCTION	250.82	1.10	500.0
13B-N069	JUNCTION	251.18	1.50	500.0
13B-N070	JUNCTION	251.55	1.14	500.0
13B-N071	JUNCTION	251.30	1.00	500.0
13B-N072	JUNCTION	252.29	0.71	500.0
13B-N073	JUNCTION	265.95	0.65	500.0
13B-N074	JUNCTION	265.30	1.00	500.0
13B-N075	JUNCTION	253.80	0.70	500.0
13B-N076	JUNCTION	251.20	0.76	0.0
13B-N077	JUNCTION	250.99	0.39	0.0
13B-N078	JUNCTION	250.98	1.00	0.0
13B-N079	JUNCTION	250.28	2.22	0.0
13B-N080	JUNCTION	250.70	2.30	0.0
13B-N081	JUNCTION	249.84	2.36	500.0
13B-N082	JUNCTION	249.20	2.90	500.0
13B-N083	JUNCTION	260.30	2.00	500.0
13B-N084	JUNCTION	260.06	2.60	500.0
13B-N085	JUNCTION	259.70	2.43	500.0
13B-N086	JUNCTION	259.60	1.94	500.0
13B-N088	JUNCTION	251.25	0.63	0.0
13B-N089	JUNCTION	250.80	0.63	0.0
13B-N090	JUNCTION	250.26	1.84	0.0
13B-N092	JUNCTION	251.20	1.20	0.0
13B-N093	JUNCTION	252.01	0.76	0.0
13B-N094	JUNCTION	251.61	0.49	0.0
13B-N095	JUNCTION	251.15	1.15	0.0
13B-N096	JUNCTION	250.20	1.90	0.0
13B-N097	JUNCTION	250.18	1.84	0.0
13B-N098	JUNCTION	252.40	0.37	0.0
13B-N099	JUNCTION	250.97	0.39	0.0
13B-N100	JUNCTION	251.07	0.51	500.0
13B-N102	JUNCTION	250.57	2.56	0.0
13B-N103	JUNCTION	251.31	2.10	0.0
13B-N104	JUNCTION	250.71	0.99	0.0
13B-N105	JUNCTION	250.66	1.43	0.0
13B-N106	JUNCTION	251.80	0.90	500.0
13B-N107	JUNCTION	251.13	1.27	500.0
13A-F001	OUTFALL	248.00	2.00	0.0
13A-F002	OUTFALL	247.86	2.00	0.0
13A-F003	OUTFALL	248.82	0.70	0.0
13A-F004	OUTFALL	248.73	0.60	0.0
13A-F005	OUTFALL	248.00	0.50	0.0
13B-F001	OUTFALL	250.48	2.56	0.0
13B-F002	OUTFALL	250.57	1.43	0.0

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Link Summary
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Name	From Node	To Node	Type	Length	%Slope	Roughness
13A-C001	13A-N128	13A-F001	CONDUIT	92.7	0.0863	0.0200
13A-C002	13A-N117	13A-N127	CONDUIT	25.3	0.5538	0.0160
13A-C003	13A-N117	13A-N116	CONDUIT	11.7	1.3642	0.0160
13A-C009	13A-N060	13A-N076	CONDUIT	3.0	5.3055	0.0160
13A-C010	13A-N050	13A-N052	CONDUIT	24.8	0.0403	0.0160
13A-C011	13A-N048	13A-N050	CONDUIT	24.9	0.0012	0.0160
13A-C012	13A-N001	13A-N181	CONDUIT	2.9	0.3460	0.0160
13A-C013	13A-N043	13A-N001	CONDUIT	19.0	0.2110	0.0160
13A-C014	13A-N040	13A-N043	CONDUIT	19.2	1.9785	0.0160
13A-C015	13A-N033	13A-N040	CONDUIT	48.1	11.1074	0.0160
13A-C016	13A-N031	13A-N033	CONDUIT	7.8	11.4853	0.0160
13A-C017	13A-N028	13A-N031	CONDUIT	4.4	6.1062	0.0160
13A-C018	13A-N052	13A-N180	CONDUIT	27.4	0.0365	0.0160
13A-C021	13A-N066	13A-N142	CONDUIT	38.6	0.5704	0.0160
13A-C022	13A-N063	13A-N140	CONDUIT	40.5	9.1742	0.0160
13A-C023	13A-N062	13A-N063	CONDUIT	21.7	12.2799	0.0160
13A-C024	13A-N140	13A-N064	CONDUIT	27.5	4.5883	0.0160
13A-C025	13A-N065	13A-N066	CONDUIT	10.1	2.0735	0.0160
13A-C026	13A-N111	13A-N066	CONDUIT	10.0	0.1000	0.0200
13A-C027	13A-N027	13A-N111	CONDUIT	51.6	2.4052	0.0160
13A-C028	13A-N026	13A-N027	CONDUIT	35.7	6.7097	0.0160
13A-C029	13A-N025	13A-N026	CONDUIT	14.9	10.9373	0.0160
13A-C030	13A-N024	13A-N025	CONDUIT	19.3	11.1393	0.0160
13A-C031	13A-N023	13A-N024	CONDUIT	16.1	10.5354	0.0160
13A-C032	13A-N022	13A-N189	CONDUIT	13.7	11.8514	0.0200
13A-C033	13A-N020	13A-N022	CONDUIT	19.9	5.3450	0.0200
13A-C034	13A-N019	13A-N020	CONDUIT	22.3	6.2453	0.0160
13A-C036	13A-N107	13A-N145	CONDUIT	19.6	0.6619	0.0350
13A-C037	13A-N110	13A-N174	CONDUIT	101.2	0.2075	0.0350
13A-C038	13A-N175	13A-N174	CONDUIT	33.5	0.4780	0.0350
13A-C039	13A-N164	13A-N143	CONDUIT	11.5	0.4355	0.0350
13A-C041	13A-N161	13A-N163	CONDUIT	211.1	0.1942	0.0350
13A-C042	13A-N160	13A-N161	CONDUIT	192.6	0.6336	0.0350
13A-C045	13A-N169	13A-N166	CONDUIT	16.1	2.3551	0.0350
13A-C047	13A-N168	13A-N170	CONDUIT	468.1	0.4380	0.0350
13A-C048	13A-N061	13A-N058	CONDUIT	35.6	0.8698	0.0160
13A-C049	13A-N071	13A-N018	CONDUIT	37.1	0.5657	0.0160
13A-C050	13A-N011	13A-N012	CONDUIT	8.4	1.1906	0.0160
13A-C051	13A-N013	13A-N012	CONDUIT	8.2	0.2433	0.0160
13A-C052	13A-N014	13A-N013	CONDUIT	14.1	0.6406	0.0160
13A-C053	13A-N015	13A-N014	CONDUIT	10.1	0.8920	0.0160
13A-C054	13A-N016	13A-N015	CONDUIT	7.1	1.2749	0.0160
13A-C055	13A-N016	13A-N017	CONDUIT	5.7	0.8819	0.0160
13A-C056	13A-N018	13A-N017	CONDUIT	11.6	0.3436	0.0160
13A-C057	13A-N011	13A-N010	CONDUIT	15.2	0.7247	0.0160
13A-C058	13A-N008	13A-N006	CONDUIT	9.9	0.2018	0.0160
13A-C059	13A-N009	13A-N008	CONDUIT	11.0	0.4554	0.0160
13A-C060	13A-N009	13A-N010	CONDUIT	5.6	1.4287	0.0160
13A-C061	13A-N004	13A-N003	CONDUIT	18.4	0.3259	0.0160
13A-C062	13A-N006	13A-N004	CONDUIT	12.9	0.3101	0.0160
13A-C063	13A-N007	13A-N144	CONDUIT	9.2	1.0870	0.0160
13A-C064	13A-N145	13A-N115	CONDUIT	28.6	1.2952	0.0160
13A-C065	13A-N144	13A-N145	CONDUIT	68.2	0.1466	0.0160
13A-C066	13A-N005	13A-N007	CONDUIT	19.5	1.0770	0.0160
13A-C067	13A-N003	13A-N114	CONDUIT	8.0	2.4914	0.0160
13A-C068	13A-N143	13A-N105	CONDUIT	257.3	0.1749	0.0350
13A-C069	13A-N165	13A-N105	CONDUIT	20.8	1.4927	0.0350
13A-C070	13A-N074	13A-N075	CONDUIT	7.4	1.3533	0.0160

13A-C071	13A-N073	13A-N072	CONDUIT	25.6	2.6561	0.0160	13A-C193	13A-N174	13A-N145	CONDUIT	30.9	0.3234	0.0350
13A-C072	13A-N072	13A-N107	CONDUIT	18.1	1.0515	0.0160	13A-C194	13A-N108	13A-N073	CONDUIT	61.0	0.8202	0.0350
13A-C073	13A-N105	13A-N075	CONDUIT	40.1	0.0499	0.0160	13A-C195	13A-N109	13A-N074	CONDUIT	51.3	0.6627	0.0160
13A-C074	13A-N101	13A-N100	CONDUIT	30.0	2.9317	0.0160	13A-C204	13A-N133	13A-N132	CONDUIT	3.6	15.9901	0.0350
13A-C075	13A-N102	13A-N101	CONDUIT	38.8	4.8573	0.0160	13A-C205	13A-N055	13A-N180	CONDUIT	3.7	1.0900	0.0160
13A-C076	13A-N103	13A-N102	CONDUIT	27.5	5.6027	0.0160	13A-C206	13A-N181	13A-N048	CONDUIT	14.1	0.0022	0.0160
13A-C077	13A-N104	13A-N103	CONDUIT	17.1	4.8121	0.0160	13A-C207	13A-N182	13A-N060	CONDUIT	22.1	0.3165	0.0160
13A-C078	13A-N098	13A-N149	CONDUIT	67.8	2.0804	0.0160	13A-C209	13A-N185	13A-N151	CONDUIT	143.5	4.3939	0.0160
13A-C079	13A-N097	13A-N098	CONDUIT	23.8	3.9510	0.0160	13A-C210	13A-N186	13A-N185	CONDUIT	37.0	6.5221	0.0350
13A-C080	13A-N146	13A-N147	CONDUIT	70.2	2.2788	0.0160	13A-C211	13A-N187	13A-N111	CONDUIT	12.8	0.5473	0.0200
13A-C081	13A-N100	13A-N106	CONDUIT	36.4	2.7460	0.0160	13A-C212	13A-N075	13A-N072	CONDUIT	56.5	0.1063	0.0160
13A-C083	13A-N099	13A-N188	CONDUIT	19.3	4.1074	0.0160	13A-C213	13A-N134	13A-N176	CONDUIT	81.4	0.8232	0.0350
13A-C084	13A-N106	13A-N147	CONDUIT	11.5	2.3464	0.0200	13A-C214	13A-N135	13A-N136	CONDUIT	1.7	5.3971	0.0350
13A-C085	13A-N113	13A-N099	CONDUIT	52.9	0.5291	0.0160	13A-C217	13A-N032	13A-N033	CONDUIT	0.8	27.1378	0.0100
13A-C088	13A-N095	13A-N094	CONDUIT	18.5	6.4931	0.0100	13A-C218	13A-N188	13A-N138	CONDUIT	22.1	0.6346	0.0160
13A-C089	13A-N096	13A-N095	CONDUIT	10.9	6.0384	0.0100	13A-C219	13A-N189	13A-N023	CONDUIT	7.7	1.8161	0.0100
13A-C090	13A-N094	13A-N106	CONDUIT	104.0	2.3175	0.0160	13B-C001	13B-N047	13B-N049	CONDUIT	15.4	9.7932	0.0160
13A-C091	13A-N093	13A-N092	CONDUIT	21.0	3.5243	0.0160	13B-C002	13B-N021	13B-N022	CONDUIT	16.4	0.6087	0.0160
13A-C092	13A-N094	13A-N093	CONDUIT	27.5	2.9478	0.0160	13B-C003	13B-N020	13B-N021	CONDUIT	17.3	0.4638	0.0160
13A-C093	13A-N090	13A-N089	CONDUIT	25.1	0.7576	0.0160	13B-C004	13B-N019	13B-N020	CONDUIT	20.3	0.6395	0.0160
13A-C094	13A-N091	13A-N090	CONDUIT	24.5	2.8221	0.0160	13B-C005	13B-N003	13B-N019	CONDUIT	17.7	1.5803	0.0100
13A-C095	13A-N092	13A-N091	CONDUIT	26.2	3.0895	0.0160	13B-C006	13B-N002	13B-N001	CONDUIT	66.8	0.1198	0.0200
13A-C096	13A-N149	13A-N148	CONDUIT	42.2	0.7106	0.0160	13B-C010	13B-N094	13B-N092	CONDUIT	8.0	5.1317	0.0350
13A-C097	13A-N087	13A-N086	CONDUIT	10.7	0.2814	0.0160	13B-C011	13B-N093	13B-N092	CONDUIT	21.1	3.8453	0.0350
13A-C098	13A-N087	13A-N148	CONDUIT	8.6	2.5560	0.0160	13B-C012	13B-N062	13B-N061	CONDUIT	18.5	0.5936	0.0160
13A-C099	13A-N089	13A-N088	CONDUIT	27.6	0.9049	0.0160	13B-C013	13B-N063	13B-N062	CONDUIT	23.3	0.1286	0.0160
13A-C100	13A-N081	13A-N084	CONDUIT	22.1	1.5818	0.0160	13B-C014	13B-N063	13B-N070	CONDUIT	32.6	0.2761	0.0160
13A-C101	13A-N085	13A-N084	CONDUIT	13.7	0.8053	0.0160	13B-C015	13B-N033	13B-N032	CONDUIT	11.7	8.8606	0.0100
13A-C102	13A-N085	13A-N086	CONDUIT	10.6	2.1622	0.0160	13B-C017	13B-N031	13B-N030	CONDUIT	8.0	10.2160	0.0100
13A-C106	13A-N112	13A-F003	CONDUIT	69.8	0.0860	0.0200	13B-C018	13B-N032	13B-N031	CONDUIT	9.3	8.7052	0.0100
13A-C110	13A-N171	13A-F002	CONDUIT	71.0	0.1549	0.0200	13B-C019	13B-N035	13B-N036	CONDUIT	9.1	4.1749	0.0160
13A-C111	13A-N158	13A-N171	CONDUIT	6.6	1.5153	0.0160	13B-C020	13B-N035	13B-N034	CONDUIT	4.2	3.0894	0.0160
13A-C112	13A-N156	13A-N158	CONDUIT	12.3	1.3834	0.0160	13B-C021	13B-N074	13B-N039	CONDUIT	32.0	4.4461	0.0160
13A-C113	13A-N112	13A-N172	CONDUIT	171.0	0.2339	0.0350	13B-C022	13B-N052	13B-N075	CONDUIT	18.9	1.5354	0.0160
13A-C114	13A-N159	13A-N157	CONDUIT	42.5	0.0235	0.0350	13B-C023	13B-N050	13B-N052	CONDUIT	16.1	12.4479	0.0160
13A-C115	13A-N150	13A-N156	CONDUIT	11.9	1.2638	0.0350	13B-C024	13B-N048	13B-N050	CONDUIT	21.8	12.0705	0.0100
13A-C116	13A-N076	13A-N144	CONDUIT	139.8	0.1502	0.0160	13B-C025	13B-N046	13B-N048	CONDUIT	14.5	11.6975	0.0100
13A-C117	13A-N155	13A-N150	CONDUIT	13.0	0.6907	0.0350	13B-C026	13B-N044	13B-N046	CONDUIT	16.6	8.2454	0.0160
13A-C118	13A-N079	13A-N150	CONDUIT	21.0	0.2386	0.0160	13B-C027	13B-N049	13B-N051	CONDUIT	16.7	13.5887	0.0100
13A-C120	13A-N077	13A-N079	CONDUIT	18.1	0.3315	0.0160	13B-C028	13B-N045	13B-N047	CONDUIT	15.3	10.0105	0.0160
13A-C121	13A-N082	13A-N077	CONDUIT	7.8	2.5649	0.0160	13B-C029	13B-N043	13B-N044	CONDUIT	11.4	6.9588	0.0160
13A-C122	13A-N153	13A-N082	CONDUIT	27.8	0.1437	0.0160	13B-C030	13B-N039	13B-N043	CONDUIT	24.9	4.6197	0.0160
13A-C123	13A-N082	13A-N116	CONDUIT	43.2	0.9716	0.0160	13B-C031	13B-N042	13B-N045	CONDUIT	25.8	7.6971	0.0160
13A-C125	13A-N070	13A-N071	CONDUIT	19.0	0.3163	0.0160	13B-C032	13B-N041	13B-N042	CONDUIT	9.8	6.5179	0.0160
13A-C126	13A-N069	13A-N070	CONDUIT	17.9	0.2801	0.0160	13B-C033	13B-N012	13B-N011	CONDUIT	20.4	8.3047	0.0160
13A-C127	13A-N088	13A-N087	CONDUIT	1.8	5.0343	0.0160	13B-C034	13B-N005	13B-N072	CONDUIT	6.4	5.4942	0.0160
13A-C138	13A-N058	13A-N060	CONDUIT	2.0	4.0234	0.0160	13B-C035	13B-N006	13B-N005	CONDUIT	14.9	3.8903	0.0160
13A-C139	13A-N067	13A-N069	CONDUIT	22.4	1.6557	0.0160	13B-C036	13B-N007	13B-N006	CONDUIT	5.4	7.0154	0.0160
13A-C140	13A-N143	13A-N111	CONDUIT	11.1	0.1807	0.0100	13B-C037	13B-N008	13B-N007	CONDUIT	9.5	7.2901	0.0160
13A-C141	13A-N151	13A-N127	CONDUIT	117.6	1.2417	0.0350	13B-C038	13B-N009	13B-N008	CONDUIT	10.4	7.3202	0.0160
13A-C142	13A-N137	13A-N136	CONDUIT	5.3	1.8979	0.0160	13B-C039	13B-N010	13B-N009	CONDUIT	12.3	8.8677	0.0160
13A-C143	13A-N135	13A-N134	CONDUIT	41.8	0.0479	0.0160	13B-C040	13B-N011	13B-N010	CONDUIT	20.1	9.3628	0.0160
13A-C144	13A-N133	13A-F004	CONDUIT	5.6	3.1875	0.0160	13B-C041	13B-N014	13B-N015	CONDUIT	15.6	8.3732	0.0160
13A-C145	13A-N132	13A-F005	CONDUIT	6.3	5.3790	0.0160	13B-C042	13B-N015	13B-N016	CONDUIT	24.7	6.4177	0.0160
13A-C147	13A-N138	13A-N176	CONDUIT	54.1	0.2034	0.0350	13B-C043	13B-N016	13B-N017	CONDUIT	8.7	2.4090	0.0160
13A-C148	13A-N137	13A-N115	CONDUIT	28.0	1.5012	0.0350	13B-C044	13B-N017	13B-N018	CONDUIT	16.2	2.7823	0.0160
13A-C149	13A-N176	13A-N133	CONDUIT	197.7	0.0202	0.0350	13B-C045	13B-N018	13B-N071	CONDUIT	23.3	1.0292	0.0160
13A-C150	13A-N119	13A-N117	CONDUIT	31.3	1.2789	0.0160	13B-C046	13B-N013	13B-N014	CONDUIT	20.3	9.6860	0.0160
13A-C151	13A-N126	13A-N127	CONDUIT	39.0	1.3078	0.0160	13B-C047	13B-N002	13B-N068	CONDUIT	82.7	0.2298	0.0160
13A-C152	13A-N125	13A-N126	CONDUIT	65.1	1.5049	0.0160	13B-C048	13B-N096	13B-N097	CONDUIT	88.8	0.0225	0.0350
13A-C153	13A-N123	13A-N121	CONDUIT	26.1	1.0737	0.0160	13B-C049	13B-N065	13B-N090	CONDUIT	67.2	0.6850	0.0350
13A-C154	13A-N124	13A-N123	CONDUIT	22.8	1.0518	0.0160	13B-C050	13B-N068	13B-N065	CONDUIT	75.3	0.1327	0.0160
13A-C155	13A-N121	13A-N119	CONDUIT	38.0	1.1062	0.0160	13B-C051	13B-N102	13B-N079	CONDUIT	42.7	0.6793	0.0160
13A-C159	13A-N118	13A-N116	CONDUIT	34.6	1.6206	0.0160	13B-C052	13B-N027	13B-N026	CONDUIT	35.1	0.1708	0.0160
13A-C160	13A-N152	13A-N118	CONDUIT	20.5	1.0711	0.0350	13B-C053	13B-N066	13B-N029	CONDUIT	36.8	10.2244	0.0160
13A-C162	13A-N127	13A-N128	CONDUIT	14.0	0.7835	0.0160	13B-C054	13B-N029	13B-N028	CONDUIT	26.5	7.4461	0.0160
13A-C163	13A-N163	13A-N164	CONDUIT	97.1	0.2061	0.0350	13B-C055	13B-N028	13B-N027	CONDUIT	21.3	4.9850	0.0160
13A-C164	13A-N059	13A-N060	CONDUIT	2.6	1.5327	0.0200	13B-C058	13B-N103	13B-N080	CONDUIT	39.4	1.5468	0.0160
13A-C165	13A-N114	13A-N005	CONDUIT	7.8	3.2150	0.0160	13B-C059	13B-N098	13B-N076	CONDUIT	75.3	1.5934	0.0350
13A-C166	13A-N139	13A-N065	CONDUIT	37.9	1.9265	0.0160	13B-C060	13B-N077	13B-N099	CONDUIT	92.6	0.0216	0.0350
13A-C167	13A-N064	13A-N139	CONDUIT	1.7	8.2147	0.0160	13B-C061	13B-N100	13B-N078	CONDUIT	81.3	0.1107	0.0350
13A-C174	13A-N055	13A-N182	CONDUIT	29.5	0.6443	0.0160	13B-C063	13B-N026	13B-N025	CONDUIT	55.9	0.7160	0.0160
13A-C176	13A-N142	13A-N059	CONDUIT	105.8	0.7842	0.0160	13B-C064	13B-N025	13B-N081	CONDUIT	33.4	0.0599	0.0160
13A-C177	13A-N147	13A-N113	CONDUIT	16.5	0.7889	0.0160	13B-C065	13B-N058	13B-N024	CONDUIT	20.8	1.1545	0.0160
13A-C179	13A-N148	13A-N112	CONDUIT	8.7	0.8083	0.0160	13B-C066	13B-N024	13B-N082	CONDUIT	77.1	0.4021	0.0160
13A-C185	13A-N154	13A-N153	CONDUIT	24.9	0.2414	0.0350	13B-C068	13B-N023	13B-N082	CONDUIT	40.1	0.4240	0.0160
13A-C186	13A-N157	13A-N156	CONDUIT	13.0	0.9253	0.0160	13B-C069	13B-N060	13B-N023	CONDUIT	40.9	0.0489	0.0160
13A-C187	13A-N162	13A-N160	CONDUIT	209.6	0.4867	0.0350	13B-C070	13B-N067	13B-N060	CONDUIT	45.7	0.0437	0.0160
13A-C188	13A-N166	13A-N167	CONDUIT	107.9	0.8805	0.0350	13B-C077	13B-N090	13B-N096	CONDUIT	4.7	1.2849	0.0160
13A-C189	13A-N167	13A-N168	CONDUIT	74.8	0.4679	0.0350	13B-C078	13B-N064	13B-N071	CONDUIT	14.4	0.9016	0.0160
13A-C190	13A-N170	13A-N187	CONDUIT	39.1	0.6394	0.0350	13B-C086	13B-N070	13B-N069	CONDUIT	28.2	0.2480	0.0100
13A-C191	13A-N172	13A-N171	CONDUIT	17.1	11.8610	0.0350	13B-C087	13B-N102	13B-F001	CONDUIT	93.5	0.0963	0.0350
13A-C192	13A-N173	13A-N158	CONDUIT	211.7	0.6754	0.0350	13B-C088	13B-N104	13B-N105	CONDUIT	4.6	1.0918	0.0160

13B-C089	13B-N071	13B-N002	CONDUIT	8.1	1.2301	0.0200
13B-C090	13B-N036	13B-N073	CONDUIT	18.8	2.0805	0.0160
13B-C091	13B-N073	13B-N074	CONDUIT	10.0	2.9954	0.0160
13B-C092	13B-N030	13B-N072	CONDUIT	82.6	10.5229	0.0100
13B-C094	13B-N051	13B-N075	CONDUIT	29.6	5.8506	0.0160
13B-C095	13B-N075	13B-N064	CONDUIT	22.9	9.0565	0.0160
13B-C096	13B-N076	13B-N080	CONDUIT	33.8	1.4803	0.0350
13B-C097	13B-N059	13B-N066	CONDUIT	63.4	6.1174	0.0350
13B-C098	13B-N081	13B-N058	CONDUIT	48.2	0.1868	0.0160
13B-C099	13B-N085	13B-N086	CONDUIT	29.2	0.2052	0.0100
13B-C100	13B-N086	13B-N067	CONDUIT	183.1	4.3684	0.0100
13B-C101	13B-N083	13B-N084	CONDUIT	25.1	0.7959	0.0100
13B-C102	13B-N084	13B-N085	CONDUIT	12.5	2.0788	0.0100
13B-C104	13B-N057	13B-N088	CONDUIT	25.6	7.2598	0.0350
13B-C105	13B-N088	13B-N089	CONDUIT	82.9	0.5431	0.0350
13B-C106	13B-N089	13B-N090	CONDUIT	50.2	1.0762	0.0350
13B-C107	13B-N069	13B-N092	CONDUIT	6.9	2.6096	0.0100
13B-C108	13B-N092	13B-N095	CONDUIT	68.2	0.0733	0.0350
13B-C109	13B-N079	13B-N097	CONDUIT	127.7	0.0783	0.0350
13B-C110	13B-N076	13B-N077	CONDUIT	47.5	0.4416	0.0350
13B-C111	13B-N077	13B-N078	CONDUIT	34.6	0.0289	0.0350
13B-C112	13B-N078	13B-N079	CONDUIT	109.3	0.6406	0.0350
13B-C113	13B-N103	13B-N104	CONDUIT	5.4	11.0971	0.0350
13B-C114	13B-N072	13B-N106	CONDUIT	15.9	1.8231	0.0160
13B-C115	13B-N106	13B-N071	CONDUIT	25.1	0.9953	0.0160
13B-C116	13B-N095	13B-N107	CONDUIT	31.6	0.0634	0.0160
13B-C117	13B-N107	13B-N001	CONDUIT	9.4	0.1067	0.0160
13B-C118	13B-N022	13B-N107	CONDUIT	2.8	3.5865	0.0160
13B-C119	13B-N068	13B-N027	CONDUIT	29.1	1.7196	0.0160
13B-C121	13B-N105	13B-F002	CONDUIT	9.7	0.9241	0.0350
13B-P001	13B-N082	13B-N097	IDEAL PUMP			

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Cross Section Summary
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Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
13A-C001	RECT_CLOSED	2.00	4.00	0.50	2.00	1	3702.07
13A-C002	FILLED_CIRCULAR	0.80	0.50	0.20	0.80	1	799.52
13A-C003	FILLED_CIRCULAR	0.60	0.28	0.15	0.60	1	582.35
13A-C009	FILLED_CIRCULAR	0.80	0.50	0.20	0.80	1	2474.63
13A-C010	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	33.88
13A-C011	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	5.91
13A-C012	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	99.33
13A-C013	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	35.95
13A-C014	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	110.08
13A-C015	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	260.83
13A-C016	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	265.23
13A-C017	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	193.39
13A-C018	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	32.25
13A-C021	FILLED_CIRCULAR	0.90	0.64	0.23	0.90	1	1110.97
13A-C022	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	237.05
13A-C023	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	274.25
13A-C024	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	167.64
13A-C025	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	441.29
13A-C026	MODBASKETHANDLE	0.50	0.39	0.15	1.00	1	177.44
13A-C027	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	121.37
13A-C028	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	202.72
13A-C029	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	258.82
13A-C030	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	261.20
13A-C031	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	254.02
13A-C032	RECT_CLOSED	0.30	0.09	0.07	0.30	1	275.53
13A-C033	RECT_CLOSED	0.30	0.18	0.10	0.60	1	448.31
13A-C034	FILLED_CIRCULAR	0.20	0.03	0.05	0.20	1	66.05
13A-C036	13A-S01	1.10	1.87	0.43	2.99	1	2487.83
13A-C037	13A-S02	0.82	1.57	0.26	5.52	1	834.77
13A-C038	13A-S03	0.76	1.45	0.23	5.84	1	1070.50
13A-C039	13A-S04	1.05	1.98	0.22	7.93	1	1369.87
13A-C041	13A-S05	1.33	2.89	0.44	5.39	1	2093.58
13A-C042	13A-S06	1.32	4.47	0.64	5.66	1	7577.98
13A-C045	13A-S07	1.02	1.84	0.46	3.63	1	4834.69
13A-C047	13A-S08	0.85	2.00	0.41	4.53	1	2073.89
13A-C048	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	157.49
13A-C049	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	127.01
13A-C050	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	334.39
13A-C051	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	151.17
13A-C052	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	245.28
13A-C053	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	289.44
13A-C054	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	346.03
13A-C055	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	287.79
13A-C056	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	179.65
13A-C057	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	260.88
13A-C058	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	137.67
13A-C059	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	206.80
13A-C060	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	366.31
13A-C061	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	174.95
13A-C062	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	170.65
13A-C063	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	319.51
13A-C064	RECT_CLOSED	1.80	1.80	0.32	1.00	1	6008.03
13A-C065	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	117.36
13A-C066	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	318.04
13A-C067	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	483.72
13A-C068	13A-S09	1.43	2.41	0.52	3.41	1	1866.67
13A-C069	13A-S10	0.98	2.20	0.37	5.37	1	3972.35
13A-C070	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	196.44
13A-C071	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	275.21
13A-C072	FILLED_CIRCULAR	0.80	0.50	0.20	0.80	1	1101.69
13A-C073	FILLED_CIRCULAR	0.80	0.50	0.20	0.80	1	239.93
13A-C074	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	289.13
13A-C075	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	172.48
13A-C076	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	185.25
13A-C077	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	370.43
13A-C078	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	112.88
13A-C079	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	155.56
13A-C080	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	118.14
13A-C081	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	129.69
13A-C083	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	621.09
13A-C084	MODBASKETHANDLE	0.50	0.22	0.12	0.50	1	427.35
13A-C085	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	222.92
13A-C088	FILLED_CIRCULAR	0.30	0.07	0.08	0.30	1	327.68
13A-C089	FILLED_CIRCULAR	0.24	0.05	0.06	0.24	1	169.35
13A-C090	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	119.14
13A-C091	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	317.01
13A-C092	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	289.92
13A-C093	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	146.98
13A-C094	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	283.67
13A-C095	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	296.81
13A-C096	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	65.97
13A-C097	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	89.58
13A-C098	FILLED_CIRCULAR	0.60	0.28	0.15	0.60	1	797.14
13A-C099	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	160.63
13A-C100	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	98.43
13A-C101	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	151.53
13A-C102	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	248.30
13A-C106	RECT_CLOSED	0.70	0.84	0.22	1.20	1	450.22
13A-C110	RECT_CLOSED	2.00	4.00	0.50	2.00	1	4959.49
13A-C111	FILLED_CIRCULAR	0.90	0.64	0.23	0.90	1	1810.78
13A-C112	FILLED_CIRCULAR	0.90	0.64	0.23	0.90	1	1730.14
13A-C113	13A-S11	0.68	0.57	0.28	1.04	1	337.83
13A-C114	13A-S12	1.00	1.45	0.46	2.24	1	375.92
13A-C115	13A-S13	1.00	1.45	0.46	2.24	1	2755.03
13A-C116	FILLED_CIRCULAR	0.80	0.50	0.20	0.80	1	416.33
13A-C117	13A-S14	1.06	1.54	0.32	3.44	1	1702.16
13A-C118	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	149.68
13A-C120	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	176.44
13A-C121	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	490.81
13A-C122	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	116.18
13A-C123	FILLED_CIRCULAR	0.80	0.50	0.20	0.80	1	1058.99
13A-C125	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	94.97
13A-C126	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	89.37
13A-C127	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	378.88
13A-C138	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	338.71
13A-C139	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	100.70
13A-C140	FILLED_CIRCULAR	0.48	0.18	0.12	0.48	1	186.89
13A-C141	13A-S15	0.75	0.81	0.15	4.72	1	740.79
13A-C142	FILLED_CIRCULAR	0.90	0.64	0.23	0.90	1	2026.50
13A-C143	FILLED_CIRCULAR	1.20	1.13	0.30	1.20	1	693.34
13A-C144	FILLED_CIRCULAR	0.60	0.28	0.15	0.60	1	890.17
13A-C145	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	710.76
13A-C147	13A-S16	1.38	4.78	0.40	10.81	1	3336.92
13A-C148	13A-S17	1.07	3.29	0.25	12.49	1	4582.82
13A-C149	13A-S18	2.23	11.60	0.70	14.78	1	3713.95
13A-C150	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	346.57
13A-C151	FILLED_CIRCULAR	0.80	0.50	0.20	0.80	1	1228.63
13A-C152	FILLED_CIRCULAR	0.80	0.50	0.20	0.80	1	1317.94
13A-C153	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	317.55
13A-C154	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	314.29
13A-C155	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	322.32
13A-C159	FILLED_CIRCULAR	0.80	0.50	0.20	0.80	1	1367.68
13A-C160	13A-S19	1.84	7.41	0.75	8.76	1	18156.40
13A-C162	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	271.26
13A-C163	13A-S20	1.51	6.24	0.72	7.31	1	6524.14
13A-C164	RECT_CLOSED	0.60	0.30	0.14	0.50	1	492.02
13A-C165	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	549.50

13A-C166	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	234.38
13A-C167	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	224.31
13A-C174	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	135.54
13A-C176	FILLED_CIRCULAR	0.80	0.50	0.20	0.80	1	951.41
13A-C177	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	272.19
13A-C179	FILLED_CIRCULAR	0.60	0.28	0.15	0.60	1	448.28
13A-C185	13A-S21	0.54	0.64	0.19	2.99	1	299.38
13A-C186	FILLED_CIRCULAR	0.90	0.64	0.23	0.90	1	1414.95
13A-C187	13A-S22	2.44	9.70	1.11	7.53	1	20734.56
13A-C188	13A-S23	0.96	1.03	0.35	1.94	1	1371.92
13A-C189	13A-S24	0.41	0.41	0.16	2.26	1	234.75
13A-C190	13A-S25	1.35	4.05	0.45	7.93	1	5408.46
13A-C191	13A-S26	0.70	0.66	0.30	1.23	1	2923.09
13A-C192	13A-S33	0.20	0.05	0.08	0.44	1	19.03
13A-C193	13A-S27	0.76	1.45	0.23	5.84	1	880.51
13A-C194	13A-S34	0.69	0.57	0.30	1.07	1	652.25
13A-C195	PARABOLIC	0.20	0.05	0.09	0.40	1	54.56
13A-C204	13A-S29	1.26	4.07	0.39	9.88	1	24593.52
13A-C205	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	176.30
13A-C206	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	7.85
13A-C207	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	94.99
13A-C209	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	642.38
13A-C210	13A-S30	0.62	1.09	0.17	6.13	1	2450.75
13A-C211	MODBASKETHANDLE	0.60	0.37	0.16	0.70	1	400.21
13A-C212	FILLED_CIRCULAR	0.80	0.50	0.20	0.80	1	350.20
13A-C213	13A-S31	1.56	6.17	0.40	14.10	1	8739.04
13A-C214	13A-S32	1.07	3.29	0.25	12.49	1	8689.33
13A-C217	FILLED_CIRCULAR	0.19	0.03	0.05	0.19	1	197.46
13A-C218	RECT_CLOSED	2.00	2.00	0.33	1.00	1	4787.63
13A-C219	FILLED_CIRCULAR	0.19	0.03	0.05	0.19	1	51.08
13B-C001	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	244.91
13B-C002	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	61.06
13B-C003	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	53.30
13B-C004	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	62.58
13B-C005	FILLED_CIRCULAR	0.19	0.03	0.05	0.19	1	47.65
13B-C006	RECT_CLOSED	0.70	0.56	0.19	0.80	1	316.56
13B-C010	13B-S37	0.49	0.62	0.27	2.09	1	1673.19
13B-C011	13B-S36	0.76	1.22	0.35	2.65	1	3367.94
13B-C012	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	130.11
13B-C013	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	60.57
13B-C014	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	88.73
13B-C015	FILLED_CIRCULAR	0.12	0.01	0.03	0.12	1	31.25
13B-C017	FILLED_CIRCULAR	0.12	0.01	0.03	0.12	1	33.55
13B-C018	FILLED_CIRCULAR	0.12	0.01	0.03	0.12	1	30.97
13B-C019	FILLED_CIRCULAR	0.20	0.03	0.05	0.20	1	54.00
13B-C020	FILLED_CIRCULAR	0.20	0.03	0.05	0.20	1	46.46
13B-C021	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	165.02
13B-C022	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	96.97
13B-C023	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	276.12
13B-C024	FILLED_CIRCULAR	0.24	0.05	0.06	0.24	1	239.44
13B-C025	FILLED_CIRCULAR	0.19	0.03	0.05	0.19	1	129.64
13B-C026	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	224.73
13B-C027	FILLED_CIRCULAR	0.24	0.05	0.06	0.24	1	254.05
13B-C028	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	247.62
13B-C029	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	206.45
13B-C030	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	168.21
13B-C031	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	217.13
13B-C032	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	199.80
13B-C033	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	225.53
13B-C034	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	183.44
13B-C035	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	154.36
13B-C036	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	207.29
13B-C037	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	211.31
13B-C038	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	211.74
13B-C039	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	233.05
13B-C040	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	239.47
13B-C041	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	226.46
13B-C042	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	198.26
13B-C043	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	121.47
13B-C044	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	130.54
13B-C045	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	79.40
13B-C046	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	243.57
13B-C047	FILLED_CIRCULAR	0.60	0.28	0.15	0.60	1	239.02
13B-C048	13B-S38	1.55	3.39	0.41	6.81	1	806.00
13B-C049	13B-S39	1.55	3.39	0.41	6.81	1	4446.14
13B-C050	FILLED_CIRCULAR	0.60	0.28	0.15	0.60	1	181.64
13B-C051	FILLED_CIRCULAR	1.80	2.54	0.45	1.80	1	7700.39
13B-C052	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	69.80
13B-C053	FILLED_CIRCULAR	0.15	0.02	0.04	0.15	1	39.07
13B-C054	FILLED_CIRCULAR	0.15	0.02	0.04	0.15	1	33.34
13B-C055	FILLED_CIRCULAR	0.15	0.02	0.04	0.15	1	27.28
13B-C058	FILLED_CIRCULAR	2.00	3.14	0.50	2.00	1	15389.13
13B-C059	13B-S40	0.37	0.27	0.20	1.10	1	333.53
13B-C060	13B-S41	0.39	0.34	0.21	1.25	1	50.25
13B-C061	13B-S42	0.51	0.70	0.28	2.14	1	285.05
13B-C063	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	142.88
13B-C064	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	41.33
13B-C065	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	181.44
13B-C066	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	107.08
13B-C068	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	199.56
13B-C069	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	67.79
13B-C070	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	64.09
13B-C077	FILLED_CIRCULAR	1.00	0.79	0.25	1.00	1	2208.54
13B-C078	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	74.31
13B-C086	FILLED_CIRCULAR	0.30	0.07	0.08	0.30	1	64.04
13B-C087	13B-S43	2.56	17.02	1.28	14.32	1	17803.51
13B-C088	FILLED_CIRCULAR	0.50	0.20	0.12	0.50	1	320.21
13B-C089	RECT_CLOSED	0.60	0.36	0.15	0.60	1	563.63
13B-C090	FILLED_CIRCULAR	0.20	0.03	0.05	0.20	1	38.12
13B-C091	FILLED_CIRCULAR	0.20	0.03	0.05	0.20	1	45.74
13B-C092	FILLED_CIRCULAR	0.12	0.01	0.03	0.12	1	34.05
13B-C094	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	189.30
13B-C095	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	235.52
13B-C096	13B-S44	0.76	2.25	0.34	6.38	1	3775.75
13B-C097	13B-S45	0.27	0.24	0.16	1.36	1	513.12
13B-C098	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	72.98
13B-C099	FILLED_CIRCULAR	0.30	0.07	0.08	0.30	1	58.25
13B-C100	FILLED_CIRCULAR	0.30	0.07	0.08	0.30	1	268.77
13B-C101	FILLED_CIRCULAR	0.30	0.07	0.08	0.30	1	114.72
13B-C102	FILLED_CIRCULAR	0.30	0.07	0.08	0.30	1	185.41
13B-C104	13B-S46	0.35	0.36	0.20	1.54	1	968.86
13B-C105	13B-S47	0.63	1.13	0.42	2.41	1	1328.25
13B-C106	13B-S48	0.33	0.30	0.19	1.36	1	291.52
13B-C107	FILLED_CIRCULAR	0.43	0.15	0.11	0.43	1	539.40
13B-C108	13B-S54	0.92	4.24	0.50	7.79	1	2057.72
13B-C109	13B-S49	1.55	3.39	0.41	6.81	1	1503.29
13B-C110	13B-S50	0.39	0.32	0.19	1.30	1	201.11
13B-C111	13B-S51	0.39	0.32	0.19	1.30	1	51.43
13B-C112	13B-S52	1.00	3.15	0.34	8.59	1	3528.08
13B-C113	13B-S53	0.99	1.40	0.45	2.02	1	7835.69
13B-C114	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	105.67
13B-C115	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	78.08
13B-C116	FILLED_CIRCULAR	0.60	0.28	0.15	0.60	1	125.50
13B-C117	FILLED_CIRCULAR	0.60	0.28	0.15	0.60	1	162.89
13B-C118	FILLED_CIRCULAR	0.30	0.07	0.07	0.30	1	148.21
13B-C119	FILLED_CIRCULAR	0.40	0.13	0.10	0.40	1	221.44
13B-C121	13B-S35	1.43	5.52	0.36	14.27	1	7650.04

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Transect Summary
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Transect 13A-S01
Area:

0.0033	0.0121	0.0217	0.0317	0.0422
0.0531	0.0645	0.0763	0.0885	0.1012
0.1143	0.1279	0.1419	0.1563	0.1712
0.1865	0.2023	0.2185	0.2351	0.2522
0.2697	0.2876	0.3063	0.3265	0.3474
0.3686	0.3902	0.4123	0.4347	0.4576
0.4808	0.5045	0.5285	0.5530	0.5779
0.6031	0.6288	0.6549	0.6813	0.7082
0.7355	0.7632	0.7912	0.8197	0.8486
0.8779	0.9076	0.9377	0.9682	1.0000

Hrad:

0.0245	0.0620	0.1034	0.1415	0.1767
0.2096	0.2405	0.2699	0.2978	0.3245
0.3501	0.3749	0.3989	0.4221	0.4448
0.4668	0.4884	0.5096	0.5303	0.5507
0.5707	0.5905	0.5940	0.6019	0.6236
0.6449	0.6658	0.6864	0.7066	0.7266
0.7463	0.7657	0.7849	0.8038	0.8226
0.8411	0.8595	0.8776	0.8957	0.9135
0.9312	0.9488	0.9662	0.9835	1.0007
1.0178	1.0348	1.0516	1.0684	1.0000

Width:

0.1899	0.2669	0.2794	0.2919	0.3044
0.3169	0.3294	0.3419	0.3544	0.3670
0.3795	0.3920	0.4045	0.4170	0.4295
0.4420	0.4545	0.4670	0.4795	0.4920
0.5045	0.5170	0.5537	0.5870	0.5985
0.6099	0.6214	0.6328	0.6443	0.6557
0.6672	0.6786	0.6901	0.7016	0.7130
0.7245	0.7359	0.7474	0.7588	0.7703

0.7817 0.7932 0.8046 0.8161 0.8275
0.8390 0.8504 0.8619 0.8734 1.0000

Transect 13A-S02
Area:
0.0004 0.0016 0.0036 0.0063 0.0099
0.0140 0.0186 0.0237 0.0292 0.0352
0.0416 0.0485 0.0559 0.0637 0.0719
0.0806 0.0898 0.0994 0.1095 0.1201
0.1311 0.1426 0.1545 0.1669 0.1797
0.1930 0.2067 0.2209 0.2356 0.2507
0.2663 0.2823 0.2988 0.3172 0.3386
0.3630 0.3904 0.4207 0.4541 0.4904
0.5298 0.5721 0.6174 0.6657 0.7170
0.7712 0.8279 0.8850 0.9424 1.0000
Hrad:
0.0280 0.0560 0.0841 0.1121 0.1413
0.1772 0.2108 0.2428 0.2736 0.3034
0.3325 0.3610 0.3891 0.4167 0.4441
0.4712 0.4980 0.5247 0.5512 0.5776
0.6038 0.6299 0.6559 0.6819 0.7077
0.7335 0.7593 0.7849 0.8106 0.8361
0.8617 0.8872 0.9046 0.8367 0.7913
0.7615 0.7428 0.7326 0.7287 0.7299
0.7350 0.7434 0.7544 0.7677 0.7828
0.7994 0.8407 0.8941 0.9472 1.0000
Width:
0.0137 0.0274 0.0411 0.0548 0.0678
0.0757 0.0836 0.0915 0.0995 0.1074
0.1153 0.1232 0.1311 0.1391 0.1470
0.1549 0.1628 0.1707 0.1786 0.1866
0.1945 0.2024 0.2103 0.2182 0.2262
0.2341 0.2420 0.2499 0.2578 0.2657
0.2737 0.2816 0.2927 0.3445 0.3962
0.4480 0.4997 0.5515 0.6032 0.6549
0.7067 0.7584 0.8102 0.8619 0.9137
0.9654 0.9861 0.9908 0.9954 1.0000

Transect 13A-S03
Area:
0.0006 0.0022 0.0050 0.0088 0.0138
0.0197 0.0260 0.0327 0.0398 0.0474
0.0553 0.0636 0.0724 0.0815 0.0911
0.1011 0.1114 0.1222 0.1334 0.1450
0.1570 0.1694 0.1829 0.1998 0.2178
0.2361 0.2546 0.2733 0.2922 0.3114
0.3308 0.3504 0.3703 0.3904 0.4108
0.4313 0.4530 0.4775 0.5048 0.5350
0.5680 0.6038 0.6425 0.6844 0.7300
0.7784 0.8296 0.8836 0.9404 1.0000
Hrad:
0.0314 0.0628 0.0941 0.1255 0.1569
0.2003 0.2452 0.2875 0.3278 0.3664
0.4036 0.4397 0.4747 0.5089 0.5424
0.5752 0.6074 0.6392 0.6705 0.7015
0.7321 0.7624 0.6978 0.6568 0.7016
0.7454 0.7882 0.8301 0.8712 0.9114
0.9508 0.9895 1.0276 1.0649 1.1017
1.1378 1.0872 1.0350 0.9977 0.9715
0.9541 0.9435 0.9385 0.9193 0.9252
0.9365 0.9498 0.9650 0.9818 1.0000
Width:
0.0181 0.0362 0.0543 0.0723 0.0904
0.1001 0.1067 0.1134 0.1201 0.1267
0.1334 0.1400 0.1467 0.1533 0.1600
0.1667 0.1733 0.1800 0.1866 0.1933
0.1999 0.2066 0.2489 0.2932 0.2971
0.3009 0.3047 0.3085 0.3123 0.3162
0.3200 0.3238 0.3276 0.3314 0.3353
0.3391 0.3778 0.4244 0.4710 0.5176
0.5641 0.6107 0.6573 0.7216 0.7701
0.8161 0.8621 0.9080 0.9540 1.0000

Transect 13A-S04
Area:
0.0017 0.0063 0.0115 0.0173 0.0234
0.0300 0.0370 0.0445 0.0524 0.0607
0.0695 0.0787 0.0883 0.0984 0.1089
0.1198 0.1312 0.1430 0.1553 0.1680
0.1811 0.1949 0.2096 0.2253 0.2419
0.2594 0.2779 0.2972 0.3175 0.3387
0.3609 0.3840 0.4079 0.4328 0.4582
0.4839 0.5100 0.5373 0.5656 0.5950
0.6254 0.6570 0.6896 0.7233 0.7581
0.7939 0.8309 0.8702 0.9254 1.0000
Hrad:
0.0453 0.1100 0.1815 0.2456 0.3042
0.3587 0.4099 0.4586 0.5052 0.5501
0.5935 0.6358 0.6772 0.7176 0.7574
0.7965 0.8350 0.8730 0.9107 0.9479
0.9837 0.9985 1.0162 1.0363 1.0586
1.0826 1.1081 1.1351 1.1632 1.1924
1.2225 1.2534 1.2851 1.3213 1.3734
1.4244 1.4479 1.4665 1.4865 1.5079
1.5304 1.5540 1.5785 1.6038 1.6300
1.6568 1.6843 1.7087 1.6975 1.0000
Width:
0.0400 0.0601 0.0653 0.0704 0.0756
0.0808 0.0859 0.0911 0.0963 0.1014
0.1066 0.1118 0.1169 0.1221 0.1273
0.1324 0.1376 0.1428 0.1479 0.1531
0.1585 0.1695 0.1805 0.1914 0.2024
0.2134 0.2243 0.2353 0.2463 0.2572
0.2682 0.2792 0.2901 0.2996 0.3027
0.3058 0.3168 0.3296 0.3423 0.3551
0.3679 0.3807 0.3935 0.4063 0.4191
0.4318 0.4446 0.5401 0.7701 1.0000

Transect 13A-S05
Area:
0.0007 0.0029 0.0064 0.0114 0.0178
0.0254 0.0336 0.0422 0.0513 0.0610
0.0711 0.0817 0.0928 0.1045 0.1166
0.1292 0.1423 0.1559 0.1701 0.1847
0.1998 0.2154 0.2315 0.2481 0.2652
0.2828 0.3009 0.3195 0.3386 0.3582
0.3783 0.3989 0.4200 0.4416 0.4637
0.4863 0.5094 0.5330 0.5571 0.5817
0.6067 0.6323 0.6590 0.7057 0.7543
0.8030 0.8520 0.9011 0.9505 1.0000
Hrad:
0.0276 0.0552 0.0829 0.1105 0.1381
0.1760 0.2151 0.2517 0.2863 0.3194
0.3512 0.3818 0.4115 0.4404 0.4686
0.4963 0.5234 0.5500 0.5763 0.6022
0.6278 0.6530 0.6781 0.7029 0.7275
0.7519 0.7761 0.8002 0.8242 0.8480
0.8717 0.8952 0.9187 0.9421 0.9654
0.9886 1.0117 1.0347 1.0577 1.0807
1.1035 1.1263 1.1476 0.7474 0.7910
0.8340 0.8764 0.9182 0.9594 1.0000
Width:
0.0288 0.0575 0.0863 0.1150 0.1438
0.1588 0.1688 0.1788 0.1889 0.1989
0.2090 0.2190 0.2291 0.2391 0.2491
0.2592 0.2692 0.2793 0.2893 0.2994
0.3094 0.3194 0.3295 0.3395 0.3496
0.3596 0.3697 0.3797 0.3897 0.3998
0.4098 0.4199 0.4299 0.4400 0.4500
0.4600 0.4701 0.4801 0.4902 0.5002
0.5103 0.5203 0.6974 0.9755 0.9796
0.9837 0.9878 0.9918 0.9959 1.0000

Transect 13A-S06
Area:
0.0040 0.0107 0.0179 0.0254 0.0334
0.0418 0.0506 0.0598 0.0695 0.0795
0.0900 0.1009 0.1121 0.1239 0.1360
0.1485 0.1615 0.1748 0.1886 0.2028
0.2174 0.2324 0.2479 0.2637 0.2800
0.2967 0.3138 0.3313 0.3492 0.3676
0.3922 0.4228 0.4536 0.4846 0.5157
0.5470 0.5784 0.6099 0.6416 0.6735
0.7054 0.7376 0.7699 0.8023 0.8349
0.8676 0.9005 0.9335 0.9667 1.0000
Hrad:
0.0248 0.0616 0.0957 0.1274 0.1572
0.1855 0.2125 0.2385 0.2634 0.2876
0.3110 0.3338 0.3561 0.3780 0.3993
0.4204 0.4410 0.4614 0.4815 0.5014
0.5210 0.5405 0.5597 0.5788 0.5977
0.6165 0.6351 0.6536 0.6720 0.6668
0.4825 0.5051 0.5361 0.5666 0.5967
0.6263 0.6555 0.6842 0.7125 0.7404
0.7680 0.7951 0.8219 0.8484 0.8744
0.9002 0.9256 0.9507 0.9755 1.0000

Width:

0.1954	0.2078	0.2202	0.2326	0.2451
0.2575	0.2699	0.2823	0.2947	0.3071
0.3195	0.3319	0.3444	0.3568	0.3692
0.3816	0.3940	0.4064	0.4188	0.4312
0.4437	0.4561	0.4685	0.4809	0.4933
0.5057	0.5181	0.5306	0.5430	0.5786
0.8970	0.9205	0.9249	0.9293	0.9337
0.9382	0.9426	0.9470	0.9514	0.9558
0.9602	0.9647	0.9691	0.9735	0.9779
0.9823	0.9867	0.9912	0.9956	1.0000

Transect 13A-S07

Area:

0.0029	0.0073	0.0124	0.0181	0.0245
0.0316	0.0394	0.0478	0.0569	0.0667
0.0771	0.0883	0.1000	0.1125	0.1256
0.1394	0.1539	0.1691	0.1849	0.2011
0.2177	0.2347	0.2520	0.2697	0.2878
0.3063	0.3251	0.3443	0.3642	0.3851
0.4068	0.4296	0.4532	0.4779	0.5034
0.5299	0.5574	0.5857	0.6151	0.6454
0.6766	0.7087	0.7418	0.7759	0.8109
0.8468	0.8837	0.9215	0.9603	1.0000

Hrad:

0.0305	0.0644	0.0938	0.1205	0.1454
0.1689	0.1915	0.2133	0.2346	0.2555
0.2760	0.2962	0.3162	0.3360	0.3556
0.3751	0.3944	0.4137	0.4360	0.4635
0.4905	0.5172	0.5435	0.5696	0.5953
0.6207	0.6459	0.6699	0.6794	0.6899
0.7012	0.7132	0.7259	0.7391	0.7529
0.7672	0.7819	0.7971	0.8126	0.8284
0.8445	0.8609	0.8776	0.8945	0.9116
0.9289	0.9464	0.9641	0.9820	1.0000

Width:

0.1012	0.1179	0.1346	0.1513	0.1681
0.1848	0.2015	0.2182	0.2349	0.2516
0.2683	0.2850	0.3017	0.3184	0.3352
0.3519	0.3686	0.3853	0.3992	0.4085
0.4178	0.4270	0.4363	0.4456	0.4548
0.4641	0.4734	0.4835	0.5070	0.5304
0.5539	0.5774	0.6009	0.6243	0.6478
0.6713	0.6948	0.7183	0.7417	0.7652
0.7887	0.8122	0.8357	0.8591	0.8826
0.9061	0.9296	0.9530	0.9765	1.0000

Transect 13A-S08

Area:

0.0028	0.0096	0.0169	0.0246	0.0328
0.0415	0.0505	0.0601	0.0701	0.0805
0.0914	0.1027	0.1145	0.1267	0.1394
0.1526	0.1661	0.1802	0.1950	0.2107
0.2273	0.2447	0.2630	0.2822	0.3022
0.3231	0.3448	0.3675	0.3909	0.4153
0.4405	0.4666	0.4930	0.5196	0.5464
0.5735	0.6007	0.6280	0.6556	0.6834
0.7113	0.7395	0.7678	0.7965	0.8265
0.8581	0.8913	0.9260	0.9622	1.0000

Hrad:

0.0206	0.0556	0.0910	0.1241	0.1552
0.1848	0.2131	0.2402	0.2664	0.2918
0.3165	0.3405	0.3640	0.3870	0.4096
0.4319	0.4537	0.4712	0.4819	0.4934
0.5058	0.5188	0.5323	0.5464	0.5609
0.5758	0.5910	0.6066	0.6224	0.6384
0.6547	0.6749	0.7073	0.7395	0.7713
0.8030	0.8344	0.8655	0.8965	0.9272
0.9577	0.9879	1.0180	1.0278	1.0173
1.0096	1.0043	1.0011	0.9997	1.0000

Width:

0.1475	0.1831	0.1948	0.2064	0.2181
0.2297	0.2414	0.2530	0.2647	0.2763
0.2880	0.2997	0.3113	0.3230	0.3346
0.3463	0.3579	0.3734	0.3958	0.4182
0.4406	0.4630	0.4854	0.5078	0.5303
0.5527	0.5751	0.5975	0.6199	0.6423
0.6647	0.6830	0.6879	0.6928	0.6977
0.7026	0.7075	0.7124	0.7173	0.7222
0.7271	0.7320	0.7369	0.7585	0.7987
0.8390	0.8792	0.9195	0.9597	1.0000

Transect 13A-S09

Area:

0.0022	0.0072	0.0127	0.0189	0.0257
0.0331	0.0411	0.0497	0.0590	0.0688
0.0793	0.0904	0.1020	0.1143	0.1273
0.1408	0.1549	0.1697	0.1850	0.2010
0.2176	0.2348	0.2526	0.2710	0.2901
0.3097	0.3300	0.3509	0.3723	0.3944
0.4172	0.4405	0.4644	0.4890	0.5142
0.5402	0.5669	0.5944	0.6228	0.6519
0.6817	0.7124	0.7438	0.7766	0.8107
0.8462	0.8831	0.9211	0.9601	1.0000

Hrad:

0.0263	0.0686	0.1050	0.1370	0.1661
0.1930	0.2185	0.2428	0.2661	0.2888
0.3109	0.3326	0.3538	0.3748	0.3954
0.4159	0.4361	0.4562	0.4761	0.4959
0.5155	0.5351	0.5546	0.5740	0.5933
0.6126	0.6318	0.6509	0.6700	0.6891
0.7081	0.7271	0.7460	0.7649	0.7819
0.7985	0.8153	0.8323	0.8494	0.8668
0.8843	0.9019	0.9160	0.9237	0.9325
0.9423	0.9536	0.9689	0.9843	1.0000

Width:

0.1103	0.1301	0.1453	0.1604	0.1756
0.1908	0.2059	0.2211	0.2362	0.2514
0.2666	0.2817	0.2969	0.3121	0.3272
0.3424	0.3576	0.3727	0.3879	0.4030
0.4182	0.4334	0.4485	0.4637	0.4789
0.4940	0.5092	0.5244	0.5395	0.5547
0.5698	0.5850	0.6002	0.6153	0.6335
0.6528	0.6720	0.6913	0.7106	0.7298
0.7491	0.7684	0.7929	0.8274	0.8619
0.8964	0.9293	0.9529	0.9764	1.0000

Transect 13A-S10

Area:

0.0006	0.0022	0.0050	0.0085	0.0126
0.0170	0.0220	0.0274	0.0332	0.0395
0.0462	0.0534	0.0610	0.0691	0.0776
0.0866	0.0961	0.1060	0.1163	0.1271
0.1383	0.1500	0.1622	0.1748	0.1878
0.2013	0.2153	0.2297	0.2445	0.2598
0.2756	0.2918	0.3088	0.3313	0.3605
0.3966	0.4374	0.4787	0.5202	0.5620
0.6040	0.6463	0.6889	0.7317	0.7748
0.8182	0.8619	0.9068	0.9528	1.0000

Hrad:

0.0247	0.0494	0.0741	0.1087	0.1405
0.1699	0.1976	0.2241	0.2497	0.2745
0.2987	0.3225	0.3459	0.3690	0.3918
0.4144	0.4369	0.4592	0.4813	0.5033
0.5252	0.5470	0.5688	0.5904	0.6120
0.6336	0.6551	0.6765	0.6979	0.7193
0.7406	0.7619	0.7818	0.7861	0.7768
0.7599	0.5066	0.5506	0.5943	0.6377
0.6808	0.7236	0.7662	0.8084	0.8504
0.8922	0.9244	0.9495	0.9748	1.0000

Width:

0.0231	0.0462	0.0693	0.0796	0.0890
0.0984	0.1079	0.1173	0.1268	0.1362
0.1457	0.1551	0.1645	0.1740	0.1834
0.1929	0.2023	0.2117	0.2212	0.2306
0.2401	0.2495	0.2590	0.2684	0.2778
0.2873	0.2967	0.3062	0.3156	0.3250
0.3345	0.3439	0.3993	0.5412	0.6831
0.8250	0.8610	0.8665	0.8720	0.8774
0.8829	0.8883	0.8938	0.8992	0.9047
0.9101	0.9265	0.9510	0.9755	1.0000

Transect 13A-S11

Area:

0.0131	0.0264	0.0401	0.0542	0.0685
0.0831	0.0981	0.1134	0.1290	0.1449
0.1611	0.1777	0.1946	0.2117	0.2292
0.2471	0.2652	0.2837	0.3024	0.3215
0.3409	0.3607	0.3807	0.4011	0.4217
0.4427	0.4640	0.4857	0.5076	0.5297
0.5519	0.5743	0.5968	0.6195	0.6423
0.6652	0.6882	0.7114	0.7347	0.7582
0.7817	0.8055	0.8293	0.8533	0.8774
0.9017	0.9260	0.9506	0.9752	1.0000

Hrad:

0.0461	0.0886	0.1281	0.1649	0.1994

0.2318 0.2625 0.2917 0.3194 0.3460
0.3714 0.3958 0.4193 0.4420 0.4639
0.4852 0.5058 0.5259 0.5455 0.5646
0.5832 0.6015 0.6194 0.6369 0.6541
0.6709 0.6875 0.7039 0.7203 0.7369
0.7532 0.7689 0.7843 0.7993 0.8139
0.8282 0.8422 0.8558 0.8691 0.8822
0.8950 0.9075 0.9198 0.9319 0.9438
0.9554 0.9668 0.9781 0.9891 1.0000

Width:
0.5320 0.5448 0.5575 0.5703 0.5830
0.5958 0.6086 0.6213 0.6341 0.6468
0.6596 0.6724 0.6851 0.6979 0.7107
0.7234 0.7362 0.7489 0.7617 0.7745
0.7872 0.8000 0.8127 0.8255 0.8383
0.8510 0.8638 0.8765 0.8869 0.8923
0.8977 0.9031 0.9085 0.9138 0.9192
0.9246 0.9300 0.9354 0.9408 0.9462
0.9515 0.9569 0.9623 0.9677 0.9731
0.9785 0.9838 0.9892 0.9946 1.0000

Transect 13A-S12
Area:
0.0013 0.0052 0.0116 0.0206 0.0319
0.0440 0.0564 0.0693 0.0826 0.0964
0.1106 0.1252 0.1402 0.1557 0.1716
0.1879 0.2047 0.2219 0.2395 0.2576
0.2761 0.2950 0.3144 0.3342 0.3544
0.3751 0.3961 0.4177 0.4396 0.4620
0.4848 0.5080 0.5317 0.5558 0.5804
0.6053 0.6307 0.6566 0.6828 0.7095
0.7367 0.7642 0.7922 0.8206 0.8495
0.8788 0.9085 0.9386 0.9692 1.0000

Hrad:
0.0207 0.0414 0.0621 0.0828 0.1109
0.1446 0.1762 0.2061 0.2345 0.2616
0.2876 0.3125 0.3366 0.3598 0.3824
0.4043 0.4257 0.4465 0.4669 0.4869
0.5064 0.5256 0.5445 0.5631 0.5815
0.5995 0.6174 0.6350 0.6524 0.6696
0.6867 0.7036 0.7203 0.7370 0.7534
0.7698 0.7860 0.8021 0.8181 0.8341
0.8499 0.8656 0.8813 0.8968 0.9123
0.9278 0.9431 0.9584 0.9774 1.0000

Width:
0.0833 0.1665 0.2498 0.3330 0.3816
0.3956 0.4095 0.4234 0.4374 0.4513
0.4653 0.4792 0.4932 0.5071 0.5211
0.5350 0.5490 0.5629 0.5768 0.5908
0.6047 0.6187 0.6326 0.6466 0.6605
0.6745 0.6884 0.7023 0.7163 0.7302
0.7442 0.7581 0.7721 0.7860 0.8000
0.8139 0.8278 0.8418 0.8557 0.8697
0.8836 0.8976 0.9115 0.9255 0.9394
0.9534 0.9673 0.9812 0.9921 1.0000

Transect 13A-S13
Area:
0.0013 0.0052 0.0116 0.0206 0.0319
0.0440 0.0564 0.0693 0.0826 0.0964
0.1106 0.1252 0.1402 0.1557 0.1716
0.1879 0.2047 0.2219 0.2395 0.2576
0.2761 0.2950 0.3144 0.3342 0.3544
0.3751 0.3961 0.4177 0.4396 0.4620
0.4848 0.5080 0.5317 0.5558 0.5804
0.6053 0.6307 0.6566 0.6828 0.7095
0.7367 0.7642 0.7922 0.8206 0.8495
0.8788 0.9085 0.9386 0.9692 1.0000

Hrad:
0.0207 0.0414 0.0621 0.0828 0.1109
0.1446 0.1762 0.2061 0.2345 0.2616
0.2876 0.3125 0.3366 0.3598 0.3824
0.4043 0.4257 0.4465 0.4669 0.4869
0.5064 0.5256 0.5445 0.5631 0.5815
0.5995 0.6174 0.6350 0.6524 0.6696
0.6867 0.7036 0.7203 0.7370 0.7534
0.7698 0.7860 0.8021 0.8181 0.8341
0.8499 0.8656 0.8813 0.8968 0.9123
0.9278 0.9431 0.9584 0.9774 1.0000

Width:
0.0833 0.1665 0.2498 0.3330 0.3816
0.3956 0.4095 0.4234 0.4374 0.4513
0.4653 0.4792 0.4932 0.5071 0.5211
0.5350 0.5490 0.5629 0.5768 0.5908
0.6047 0.6187 0.6326 0.6466 0.6605
0.6745 0.6884 0.7023 0.7163 0.7302
0.7442 0.7581 0.7721 0.7860 0.8000
0.8139 0.8278 0.8418 0.8557 0.8697
0.8836 0.8976 0.9115 0.9255 0.9394
0.9534 0.9673 0.9812 0.9921 1.0000

Transect 13A-S14
Area:
0.0080 0.0189 0.0300 0.0416 0.0534
0.0657 0.0782 0.0912 0.1045 0.1181
0.1321 0.1464 0.1611 0.1762 0.1916
0.2073 0.2234 0.2399 0.2567 0.2738
0.2913 0.3092 0.3274 0.3460 0.3649
0.3842 0.4038 0.4238 0.4441 0.4648
0.4858 0.5072 0.5292 0.5524 0.5762
0.6000 0.6239 0.6479 0.6720 0.6961
0.7204 0.7447 0.7691 0.7936 0.8182
0.8442 0.8753 0.9117 0.9535 1.0000

Hrad:
0.0492 0.1082 0.1621 0.2119 0.2581
0.3013 0.3419 0.3803 0.4167 0.4515
0.4848 0.5167 0.5475 0.5773 0.6061
0.6340 0.6612 0.6877 0.7136 0.7389
0.7637 0.7880 0.8119 0.8353 0.8584
0.8811 0.9035 0.9256 0.9475 0.9691
0.9904 1.0115 1.0139 1.0176 1.0444
1.0704 1.0958 1.1206 1.1447 1.1683
1.1913 1.2138 1.2358 1.2573 1.2783
1.2016 1.1132 1.0480 0.9998 1.0000

Width:
0.2252 0.2326 0.2401 0.2475 0.2549
0.2624 0.2698 0.2773 0.2847 0.2922
0.2996 0.3071 0.3145 0.3220 0.3294
0.3369 0.3443 0.3517 0.3592 0.3666
0.3741 0.3815 0.3890 0.3964 0.4039
0.4113 0.4188 0.4262 0.4336 0.4411
0.4485 0.4560 0.4785 0.5014 0.5032
0.5049 0.5067 0.5084 0.5101 0.5119
0.5136 0.5153 0.5171 0.5188 0.5205
0.6018 0.7145 0.8272 0.9399 1.0000

Transect 13A-S15
Area:
0.0004 0.0015 0.0035 0.0061 0.0096
0.0138 0.0188 0.0246 0.0311 0.0384
0.0464 0.0552 0.0648 0.0752 0.0863
0.0980 0.1102 0.1229 0.1362 0.1502
0.1646 0.1797 0.1953 0.2115 0.2283
0.2456 0.2635 0.2820 0.3011 0.3207
0.3409 0.3617 0.3831 0.4050 0.4275
0.4506 0.4742 0.4985 0.5233 0.5486
0.5746 0.6011 0.6282 0.6558 0.6941
0.7348 0.7854 0.8465 0.9180 1.0000

Hrad:
0.0377 0.0753 0.1130 0.1507 0.1884
0.2260 0.2637 0.3014 0.3391 0.3767
0.4144 0.4521 0.4898 0.5274 0.5681
0.6138 0.6563 0.6982 0.7394 0.7801
0.8203 0.8601 0.8995 0.9386 0.9774
1.0159 1.0542 1.0923 1.1302 1.1679
1.2054 1.2428 1.2801 1.3172 1.3542
1.3911 1.4279 1.4646 1.5012 1.5377
1.5742 1.6106 1.6469 1.3277 1.3944
1.2879 1.1586 1.0780 1.0284 1.0000

Width:
0.0088 0.0176 0.0264 0.0352 0.0440
0.0528 0.0616 0.0704 0.0792 0.0880
0.0968 0.1056 0.1144 0.1232 0.1309
0.1365 0.1430 0.1496 0.1562 0.1628
0.1693 0.1759 0.1825 0.1890 0.1956
0.2022 0.2088 0.2153 0.2219 0.2285
0.2350 0.2416 0.2482 0.2548 0.2613
0.2679 0.2745 0.2811 0.2876 0.2942
0.3008 0.3073 0.3139 0.4370 0.4398
0.5206 0.6404 0.7603 0.8801 1.0000

Transect 13A-S16
Area:
0.0009 0.0035 0.0079 0.0140 0.0219
0.0316 0.0419 0.0525 0.0633 0.0744
0.0857 0.0972 0.1090 0.1210 0.1333

0.1458 0.1586 0.1716 0.1848 0.1982
0.2120 0.2259 0.2401 0.2545 0.2692
0.2841 0.2993 0.3147 0.3303 0.3462
0.3623 0.3786 0.3952 0.4121 0.4291
0.4464 0.4640 0.4822 0.5025 0.5253
0.5525 0.5846 0.6215 0.6640 0.7133
0.7666 0.8219 0.8792 0.9386 1.0000
Hrad:
0.0329 0.0658 0.0986 0.1315 0.1644
0.2024 0.2591 0.3134 0.3654 0.4154
0.4635 0.5100 0.5550 0.5986 0.6409
0.6821 0.7222 0.7613 0.7994 0.8368
0.8733 0.9091 0.9442 0.9787 1.0126
1.0459 1.0787 1.1110 1.1429 1.1743
1.2053 1.2359 1.2661 1.2961 1.3256
1.3549 1.3839 1.3429 1.2840 1.1862
1.0772 1.0028 0.9517 0.8876 0.8476
0.8779 0.9083 0.9388 0.9693 1.0000
Width:
0.0281 0.0563 0.0844 0.1125 0.1406
0.1638 0.1677 0.1716 0.1754 0.1793
0.1831 0.1870 0.1908 0.1947 0.1985
0.2024 0.2062 0.2101 0.2139 0.2178
0.2216 0.2255 0.2293 0.2332 0.2370
0.2409 0.2447 0.2486 0.2525 0.2563
0.2602 0.2640 0.2679 0.2717 0.2756
0.2794 0.2833 0.3079 0.3421 0.3983
0.4756 0.5529 0.6302 0.7351 0.8381
0.8704 0.9028 0.9352 0.9676 1.0000

Transect 13A-S17
Area:
0.0004 0.0015 0.0033 0.0059 0.0092
0.0133 0.0181 0.0236 0.0299 0.0369
0.0446 0.0531 0.0623 0.0720 0.0820
0.0923 0.1030 0.1139 0.1252 0.1367
0.1486 0.1608 0.1732 0.1860 0.1991
0.2124 0.2261 0.2401 0.2543 0.2689
0.2838 0.2990 0.3144 0.3302 0.3463
0.3627 0.3794 0.3964 0.4153 0.4373
0.4648 0.4990 0.5399 0.5873 0.6413
0.7020 0.7693 0.8430 0.9202 1.0000
Hrad:
0.0389 0.0777 0.1166 0.1555 0.1944
0.2332 0.2721 0.3110 0.3499 0.3887
0.4276 0.4665 0.5116 0.5656 0.6179
0.6701 0.7217 0.7720 0.8209 0.8688
0.9156 0.9614 1.0064 1.0506 1.0940
1.1368 1.1790 1.2206 1.2616 1.3022
1.3423 1.3819 1.4212 1.4601 1.4987
1.5369 1.5748 1.5845 1.4613 1.3228
1.1381 1.0262 0.9569 0.9147 0.8909
0.8799 0.8785 0.8989 0.9497 1.0000
Width:
0.0091 0.0182 0.0273 0.0364 0.0455
0.0546 0.0636 0.0727 0.0818 0.0909
0.1000 0.1091 0.1164 0.1209 0.1254
0.1295 0.1332 0.1369 0.1406 0.1443
0.1480 0.1517 0.1554 0.1592 0.1629
0.1666 0.1703 0.1740 0.1777 0.1814
0.1851 0.1888 0.1926 0.1963 0.2000
0.2037 0.2074 0.2158 0.2509 0.2991
0.3806 0.4622 0.5437 0.6252 0.7068
0.7883 0.8698 0.9349 0.9674 1.0000

Transect 13A-S18
Area:
0.0008 0.0030 0.0066 0.0106 0.0148
0.0192 0.0238 0.0287 0.0338 0.0391
0.0446 0.0503 0.0563 0.0625 0.0689
0.0755 0.0823 0.0894 0.0967 0.1042
0.1119 0.1199 0.1280 0.1364 0.1450
0.1539 0.1629 0.1722 0.1817 0.1914
0.2014 0.2155 0.2411 0.2775 0.3163
0.3552 0.3941 0.4331 0.4722 0.5122
0.5537 0.5969 0.6416 0.6880 0.7360
0.7855 0.8367 0.8896 0.9440 1.0000
Hrad:
0.0300 0.0599 0.1008 0.1466 0.1877
0.2251 0.2597 0.2919 0.3222 0.3510
0.3785 0.4049 0.4304 0.4551 0.4791
0.5025 0.5254 0.5478 0.5698 0.5914
0.6127 0.6337 0.6545 0.6750 0.6953
0.7154 0.7353 0.7550 0.7746 0.7941
0.8134 0.5352 0.4105 0.3935 0.4467
0.4995 0.5520 0.6042 0.6560 0.6874
0.7186 0.7498 0.7810 0.8122 0.8435
0.8747 0.9060 0.9373 0.9687 1.0000
Width:
0.0267 0.0534 0.0679 0.0718 0.0757
0.0796 0.0834 0.0873 0.0912 0.0951
0.0990 0.1029 0.1068 0.1107 0.1146
0.1185 0.1224 0.1263 0.1301 0.1340
0.1379 0.1418 0.1457 0.1496 0.1535
0.1574 0.1613 0.1652 0.1691 0.1729
0.1768 0.3479 0.5523 0.6820 0.6833
0.6847 0.6860 0.6874 0.6888 0.7167
0.7450 0.7734 0.8017 0.8300 0.8584
0.8867 0.9150 0.9433 0.9717 1.0000

Transect 13A-S19
Area:
0.0017 0.0068 0.0135 0.0206 0.0282
0.0362 0.0446 0.0535 0.0628 0.0725
0.0827 0.0933 0.1044 0.1159 0.1278
0.1401 0.1529 0.1661 0.1798 0.1939
0.2084 0.2234 0.2388 0.2546 0.2709
0.2876 0.3047 0.3223 0.3403 0.3587
0.3776 0.4068 0.4376 0.4686 0.4998
0.5312 0.5629 0.5948 0.6269 0.6592
0.6918 0.7246 0.7576 0.7909 0.8244
0.8581 0.8920 0.9262 0.9607 1.0000
Hrad:
0.0238 0.0496 0.0910 0.1290 0.1644
0.1976 0.2291 0.2592 0.2880 0.3158
0.3427 0.3688 0.3942 0.4191 0.4435
0.4674 0.4910 0.5141 0.5370 0.5595
0.5819 0.6039 0.6258 0.6475 0.6690
0.6903 0.7115 0.7325 0.7535 0.7743
0.7652 0.5702 0.6081 0.6458 0.6831
0.7202 0.7569 0.7934 0.8296 0.8655
0.9012 0.9366 0.9717 1.0066 1.0413
1.0757 1.1099 1.1438 1.1574 1.0000
Width:
0.0779 0.1491 0.1591 0.1691 0.1791
0.1891 0.1991 0.2091 0.2191 0.2291
0.2391 0.2491 0.2591 0.2691 0.2791
0.2891 0.2991 0.3091 0.3191 0.3291
0.3391 0.3491 0.3591 0.3691 0.3791
0.3891 0.3991 0.4091 0.4191 0.4291
0.4599 0.7046 0.7098 0.7151 0.7203
0.7256 0.7308 0.7361 0.7413 0.7466
0.7518 0.7571 0.7623 0.7676 0.7728
0.7781 0.7833 0.7886 0.8099 1.0000

Transect 13A-S20
Area:
0.0009 0.0035 0.0078 0.0138 0.0206
0.0279 0.0357 0.0439 0.0527 0.0620
0.0718 0.0822 0.0930 0.1043 0.1161
0.1285 0.1413 0.1546 0.1685 0.1829
0.1981 0.2152 0.2342 0.2550 0.2776
0.3021 0.3282 0.3547 0.3814 0.4082
0.4353 0.4626 0.4901 0.5178 0.5457
0.5738 0.6022 0.6307 0.6594 0.6883
0.7174 0.7467 0.7762 0.8059 0.8359
0.8667 0.8985 0.9313 0.9651 1.0000
Hrad:
0.0203 0.0406 0.0609 0.0859 0.1176
0.1473 0.1753 0.2020 0.2277 0.2525
0.2765 0.2999 0.3227 0.3451 0.3671
0.3887 0.4101 0.4312 0.4520 0.4726
0.4649 0.4562 0.4527 0.4529 0.4562
0.4618 0.4817 0.5134 0.5445 0.5751
0.6052 0.6348 0.6638 0.6924 0.7206
0.7483 0.7756 0.8025 0.8290 0.8551
0.8809 0.9063 0.9314 0.9561 0.9742
0.9777 0.9821 0.9873 0.9933 1.0000
Width:
0.0492 0.0983 0.1475 0.1842 0.1985
0.2128 0.2271 0.2414 0.2557 0.2700
0.2843 0.2986 0.3129 0.3272 0.3415
0.3558 0.3701 0.3844 0.3987 0.4130
0.4575 0.5095 0.5615 0.6135 0.6655
0.7175 0.7459 0.7516 0.7573 0.7630
0.7687 0.7744 0.7801 0.7858 0.7915

0.7972 0.8029 0.8086 0.8143 0.8200
0.8257 0.8314 0.8371 0.8428 0.8554
0.8843 0.9132 0.9422 0.9711 1.0000

Transect 13A-S21
Area:
0.0019 0.0077 0.0151 0.0232 0.0318
0.0409 0.0507 0.0610 0.0718 0.0832
0.0952 0.1077 0.1208 0.1344 0.1487
0.1634 0.1788 0.1947 0.2111 0.2281
0.2457 0.2639 0.2826 0.3018 0.3216
0.3420 0.3628 0.3841 0.4059 0.4281
0.4509 0.4741 0.4978 0.5220 0.5466
0.5718 0.5974 0.6235 0.6500 0.6771
0.7046 0.7326 0.7611 0.7901 0.8196
0.8495 0.8799 0.9128 0.9528 1.0000
Hrad:
0.0268 0.0568 0.1025 0.1444 0.1833
0.2198 0.2544 0.2874 0.3191 0.3498
0.3795 0.4084 0.4367 0.4644 0.4916
0.5183 0.5446 0.5706 0.5963 0.6217
0.6469 0.6718 0.6965 0.7211 0.7455
0.7759 0.8062 0.8363 0.8662 0.8960
0.9256 0.9551 0.9844 1.0137 1.0428
1.0717 1.1006 1.1294 1.1581 1.1867
1.2152 1.2436 1.2719 1.3002 1.3284
1.3565 1.3845 1.2351 1.0958 1.0000
Width:
0.0757 0.1417 0.1528 0.1638 0.1749
0.1859 0.1969 0.2080 0.2190 0.2301
0.2411 0.2521 0.2632 0.2742 0.2853
0.2963 0.3073 0.3184 0.3294 0.3405
0.3515 0.3625 0.3736 0.3846 0.3957
0.4051 0.4145 0.4240 0.4334 0.4429
0.4523 0.4617 0.4712 0.4806 0.4900
0.4995 0.5089 0.5183 0.5278 0.5372
0.5466 0.5561 0.5655 0.5749 0.5844
0.5938 0.6033 0.7159 0.8579 1.0000

Transect 13A-S22
Area:
0.0045 0.0106 0.0174 0.0248 0.0327
0.0413 0.0504 0.0602 0.0705 0.0815
0.0930 0.1052 0.1180 0.1313 0.1453
0.1598 0.1750 0.1907 0.2071 0.2240
0.2416 0.2597 0.2785 0.2978 0.3178
0.3383 0.3595 0.3811 0.4030 0.4252
0.4478 0.4706 0.4937 0.5172 0.5409
0.5649 0.5897 0.6154 0.6421 0.6698
0.6985 0.7281 0.7587 0.7902 0.8228
0.8563 0.8907 0.9262 0.9626 1.0000
Hrad:
0.0327 0.0688 0.1009 0.1302 0.1574
0.1830 0.2073 0.2306 0.2531 0.2750
0.2963 0.3171 0.3376 0.3577 0.3775
0.3970 0.4164 0.4355 0.4545 0.4733
0.4920 0.5105 0.5290 0.5473 0.5656
0.5838 0.6019 0.6283 0.6548 0.6811
0.7071 0.7328 0.7583 0.7836 0.8087
0.8312 0.8393 0.8483 0.8581 0.8685
0.8796 0.8912 0.9033 0.9160 0.9290
0.9425 0.9564 0.9706 0.9852 1.0000
Width:
0.1547 0.1705 0.1863 0.2022 0.2180
0.2338 0.2497 0.2655 0.2813 0.2972
0.3130 0.3288 0.3447 0.3605 0.3763
0.3922 0.4080 0.4239 0.4397 0.4555
0.4714 0.4872 0.5030 0.5189 0.5347
0.5505 0.5664 0.5747 0.5827 0.5907
0.5987 0.6066 0.6146 0.6226 0.6306
0.6410 0.6667 0.6923 0.7179 0.7436
0.7692 0.7949 0.8205 0.8462 0.8718
0.8974 0.9231 0.9487 0.9744 1.0000

Transect 13A-S23
Area:
0.0014 0.0058 0.0128 0.0209 0.0295
0.0386 0.0484 0.0587 0.0696 0.0810
0.0931 0.1057 0.1188 0.1326 0.1469
0.1618 0.1772 0.1932 0.2098 0.2270
0.2447 0.2630 0.2818 0.3013 0.3213
0.3419 0.3630 0.3847 0.4070 0.4299
0.4533 0.4773 0.5019 0.5270 0.5527
0.5790 0.6058 0.6332 0.6612 0.6898
0.7186 0.7477 0.7771 0.8067 0.8365
0.8667 0.8979 0.9305 0.9645 1.0000
Hrad:
0.0256 0.0512 0.0835 0.1224 0.1574
0.1894 0.2192 0.2471 0.2736 0.2989
0.3232 0.3467 0.3695 0.3918 0.4135
0.4348 0.4558 0.4764 0.4967 0.5168
0.5366 0.5563 0.5757 0.5950 0.6141
0.6331 0.6520 0.6708 0.6894 0.7080
0.7265 0.7449 0.7632 0.7815 0.7997
0.8178 0.8359 0.8539 0.8719 0.8908
0.9108 0.9304 0.9496 0.9685 0.9869
1.0015 0.9987 0.9976 0.9981 1.0000
Width:
0.0799 0.1597 0.2142 0.2299 0.2457
0.2614 0.2772 0.2929 0.3087 0.3244
0.3402 0.3559 0.3717 0.3874 0.4032
0.4189 0.4347 0.4504 0.4662 0.4819
0.4977 0.5134 0.5292 0.5449 0.5607
0.5764 0.5922 0.6079 0.6237 0.6394
0.6552 0.6709 0.6867 0.7024 0.7182
0.7339 0.7497 0.7654 0.7811 0.7933
0.8005 0.8076 0.8148 0.8219 0.8291
0.8416 0.8812 0.9208 0.9604 1.0000

Transect 13A-S24
Area:
0.0009 0.0035 0.0079 0.0140 0.0219
0.0316 0.0424 0.0537 0.0653 0.0773
0.0897 0.1025 0.1157 0.1293 0.1433
0.1576 0.1723 0.1875 0.2030 0.2189
0.2352 0.2519 0.2689 0.2864 0.3042
0.3225 0.3411 0.3601 0.3795 0.3993
0.4194 0.4400 0.4609 0.4823 0.5040
0.5261 0.5486 0.5715 0.5948 0.6184
0.6425 0.6669 0.6925 0.7304 0.7748
0.8194 0.8643 0.9093 0.9546 1.0000
Hrad:
0.0245 0.0490 0.0735 0.0981 0.1226
0.1471 0.1867 0.2262 0.2641 0.3005
0.3357 0.3697 0.4027 0.4348 0.4661
0.4966 0.5264 0.5556 0.5842 0.6124
0.6400 0.6672 0.6940 0.7204 0.7465
0.7723 0.7978 0.8229 0.8479 0.8725
0.8970 0.9212 0.9453 0.9691 0.9928
1.0163 1.0397 1.0629 1.0860 1.1089
1.1317 1.1544 1.1751 0.7535 0.7951
0.8366 0.8778 0.9187 0.9595 1.0000
Width:
0.0385 0.0771 0.1156 0.1541 0.1927
0.2312 0.2426 0.2512 0.2597 0.2682
0.2767 0.2852 0.2938 0.3023 0.3108
0.3193 0.3278 0.3364 0.3449 0.3534
0.3619 0.3705 0.3790 0.3875 0.3960
0.4045 0.4131 0.4216 0.4301 0.4386
0.4471 0.4557 0.4642 0.4727 0.4812
0.4898 0.4983 0.5068 0.5153 0.5238
0.5324 0.5409 0.6575 0.9735 0.9779
0.9823 0.9867 0.9912 0.9956 1.0000

Transect 13A-S25
Area:
0.0086 0.0194 0.0305 0.0419 0.0536
0.0656 0.0779 0.0905 0.1035 0.1167
0.1302 0.1441 0.1582 0.1727 0.1874
0.2025 0.2179 0.2335 0.2495 0.2658
0.2824 0.2993 0.3164 0.3339 0.3517
0.3699 0.3883 0.4070 0.4260 0.4453
0.4650 0.4849 0.5051 0.5257 0.5465
0.5677 0.5891 0.6109 0.6330 0.6553
0.6780 0.7010 0.7243 0.7486 0.7780
0.8133 0.8544 0.9000 0.9486 1.0000
Hrad:
0.0479 0.1036 0.1564 0.2066 0.2545
0.3004 0.3444 0.3868 0.4277 0.4673
0.5056 0.5428 0.5790 0.6142 0.6486
0.6822 0.7151 0.7473 0.7788 0.8098
0.8403 0.8702 0.8997 0.9287 0.9573
0.9856 1.0134 1.0410 1.0682 1.0951
1.1217 1.1481 1.1742 1.2001 1.2257
1.2512 1.2764 1.3014 1.3263 1.3509
1.3754 1.3998 1.4240 1.3364 1.1823

1.0759 1.0007 0.9959 0.9965 1.0000

Width:

0.2013 0.2071 0.2128 0.2186 0.2244
0.2301 0.2359 0.2417 0.2474 0.2532
0.2589 0.2647 0.2705 0.2762 0.2820
0.2877 0.2935 0.2993 0.3050 0.3108
0.3166 0.3223 0.3281 0.3338 0.3396
0.3454 0.3511 0.3569 0.3627 0.3684
0.3742 0.3799 0.3857 0.3915 0.3972
0.4030 0.4087 0.4145 0.4203 0.4260
0.4318 0.4376 0.4433 0.5003 0.6115
0.7227 0.8339 0.8906 0.9453 1.0000

Transect 13A-S26

Area:

0.0133 0.0270 0.0409 0.0550 0.0695
0.0842 0.0991 0.1144 0.1299 0.1457
0.1618 0.1782 0.1948 0.2117 0.2288
0.2463 0.2640 0.2820 0.3002 0.3187
0.3375 0.3566 0.3760 0.3956 0.4155
0.4356 0.4561 0.4768 0.4978 0.5190
0.5405 0.5623 0.5844 0.6068 0.6294
0.6523 0.6754 0.6989 0.7226 0.7466
0.7708 0.7953 0.8201 0.8452 0.8706
0.8962 0.9219 0.9478 0.9739 1.0000

Hrad:

0.0442 0.0852 0.1235 0.1594 0.1932
0.2252 0.2555 0.2843 0.3118 0.3381
0.3633 0.3876 0.4110 0.4335 0.4553
0.4765 0.4970 0.5169 0.5363 0.5552
0.5737 0.5917 0.6093 0.6266 0.6435
0.6601 0.6764 0.6924 0.7082 0.7237
0.7390 0.7540 0.7689 0.7835 0.7980
0.8123 0.8264 0.8404 0.8542 0.8679
0.8814 0.8948 0.9081 0.9213 0.9343
0.9475 0.9610 0.9742 0.9872 1.0000

Width:

0.5145 0.5249 0.5353 0.5457 0.5561
0.5665 0.5769 0.5873 0.5977 0.6081
0.6185 0.6289 0.6393 0.6498 0.6602
0.6706 0.6810 0.6914 0.7018 0.7122
0.7226 0.7330 0.7434 0.7538 0.7642
0.7746 0.7850 0.7954 0.8059 0.8163
0.8267 0.8371 0.8475 0.8579 0.8683
0.8787 0.8891 0.8995 0.9099 0.9203
0.9307 0.9411 0.9515 0.9620 0.9724
0.9811 0.9859 0.9906 0.9953 1.0000

Transect 13A-S27

Area:

0.0006 0.0022 0.0050 0.0088 0.0138
0.0197 0.0260 0.0327 0.0398 0.0474
0.0553 0.0636 0.0724 0.0815 0.0911
0.1011 0.1114 0.1222 0.1334 0.1450
0.1570 0.1694 0.1829 0.1998 0.2178
0.2361 0.2546 0.2733 0.2922 0.3114
0.3308 0.3504 0.3703 0.3904 0.4108
0.4313 0.4530 0.4775 0.5048 0.5350
0.5680 0.6038 0.6425 0.6844 0.7300
0.7784 0.8296 0.8836 0.9404 1.0000

Hrad:

0.0314 0.0628 0.0941 0.1255 0.1569
0.2003 0.2452 0.2875 0.3278 0.3664
0.4036 0.4397 0.4747 0.5089 0.5424
0.5752 0.6074 0.6392 0.6705 0.7015
0.7321 0.7624 0.6978 0.6568 0.7016
0.7454 0.7882 0.8301 0.8712 0.9114
0.9508 0.9895 1.0276 1.0649 1.1017
1.1378 1.0872 1.0350 0.9977 0.9715
0.9541 0.9435 0.9385 0.9193 0.9252
0.9365 0.9498 0.9650 0.9818 1.0000

Width:

0.0181 0.0362 0.0543 0.0723 0.0904
0.1001 0.1067 0.1134 0.1201 0.1267
0.1334 0.1400 0.1467 0.1533 0.1600
0.1667 0.1733 0.1800 0.1866 0.1933
0.1999 0.2066 0.2489 0.2932 0.2971
0.3009 0.3047 0.3085 0.3123 0.3162
0.3200 0.3238 0.3276 0.3314 0.3353
0.3391 0.3778 0.4244 0.4710 0.5176
0.5641 0.6107 0.6573 0.7216 0.7701
0.8161 0.8621 0.9080 0.9540 1.0000

Transect 13A-S28

Area:

0.0013 0.0046 0.0082 0.0122 0.0165
0.0213 0.0263 0.0318 0.0376 0.0438
0.0503 0.0572 0.0644 0.0721 0.0801
0.0884 0.0971 0.1062 0.1156 0.1254
0.1356 0.1461 0.1570 0.1682 0.1799
0.1918 0.2042 0.2169 0.2299 0.2434
0.2572 0.2714 0.2872 0.3051 0.3252
0.3489 0.3761 0.4071 0.4418 0.4801
0.5221 0.5676 0.6154 0.6649 0.7163
0.7695 0.8244 0.8811 0.9397 1.0000

Hrad:

0.0319 0.0821 0.1303 0.1736 0.2133
0.2504 0.2855 0.3191 0.3515 0.3828
0.4134 0.4432 0.4725 0.5014 0.5298
0.5579 0.5856 0.6131 0.6404 0.6675
0.6944 0.7211 0.7477 0.7741 0.8004
0.8267 0.8528 0.8788 0.9048 0.9307
0.9565 0.9599 0.9099 0.8754 0.8283
0.7766 0.7437 0.7239 0.7137 0.7107
0.7131 0.7286 0.7629 0.7971 0.8311
0.8650 0.8989 0.9327 0.9664 1.0000

Width:

0.0433 0.0563 0.0623 0.0682 0.0741
0.0801 0.0860 0.0919 0.0978 0.1038
0.1097 0.1156 0.1215 0.1275 0.1334
0.1393 0.1452 0.1512 0.1571 0.1630
0.1689 0.1749 0.1808 0.1867 0.1926
0.1986 0.2045 0.2104 0.2163 0.2223
0.2282 0.2413 0.2753 0.3094 0.3558
0.4158 0.4758 0.5358 0.5958 0.6558
0.7158 0.7656 0.7949 0.8242 0.8535
0.8828 0.9121 0.9414 0.9707 1.0000

Transect 13A-S29

Area:

0.0013 0.0046 0.0082 0.0122 0.0165
0.0213 0.0263 0.0318 0.0376 0.0438
0.0503 0.0572 0.0644 0.0721 0.0801
0.0884 0.0971 0.1062 0.1156 0.1254
0.1356 0.1461 0.1570 0.1682 0.1799
0.1918 0.2042 0.2169 0.2299 0.2434
0.2572 0.2714 0.2872 0.3051 0.3252
0.3489 0.3761 0.4071 0.4418 0.4801
0.5221 0.5676 0.6154 0.6649 0.7163
0.7695 0.8244 0.8811 0.9397 1.0000

Hrad:

0.0319 0.0821 0.1303 0.1736 0.2133
0.2504 0.2855 0.3191 0.3515 0.3828
0.4134 0.4432 0.4725 0.5014 0.5298
0.5579 0.5856 0.6131 0.6404 0.6675
0.6944 0.7211 0.7477 0.7741 0.8004
0.8267 0.8528 0.8788 0.9048 0.9307
0.9565 0.9599 0.9099 0.8754 0.8283
0.7766 0.7437 0.7239 0.7137 0.7107
0.7131 0.7286 0.7629 0.7971 0.8311
0.8650 0.8989 0.9327 0.9664 1.0000

Width:

0.0433 0.0563 0.0623 0.0682 0.0741
0.0801 0.0860 0.0919 0.0978 0.1038
0.1097 0.1156 0.1215 0.1275 0.1334
0.1393 0.1452 0.1512 0.1571 0.1630
0.1689 0.1749 0.1808 0.1867 0.1926
0.1986 0.2045 0.2104 0.2163 0.2223
0.2282 0.2413 0.2753 0.3094 0.3558
0.4158 0.4758 0.5358 0.5958 0.6558
0.7158 0.7656 0.7949 0.8242 0.8535
0.8828 0.9121 0.9414 0.9707 1.0000

Transect 13A-S30

Area:

0.0007 0.0029 0.0064 0.0114 0.0176
0.0244 0.0318 0.0395 0.0478 0.0565
0.0657 0.0754 0.0855 0.0961 0.1072
0.1188 0.1308 0.1433 0.1563 0.1697
0.1836 0.1980 0.2129 0.2282 0.2440
0.2603 0.2770 0.2942 0.3119 0.3301
0.3487 0.3678 0.3874 0.4074 0.4279
0.4489 0.4704 0.4923 0.5147 0.5379
0.5643 0.5944 0.6286 0.6675 0.7112
0.7596 0.8126 0.8704 0.9328 1.0000

Hrad:

0.0356 0.0712 0.1068 0.1423 0.1884
0.2421 0.2926 0.3406 0.3865 0.4308
0.4736 0.5152 0.5557 0.5954 0.6343
0.6726 0.7102 0.7474 0.7841 0.8204
0.8563 0.8919 0.9272 0.9622 0.9970
1.0316 1.0660 1.1002 1.1342 1.1681
1.2018 1.2354 1.2689 1.3023 1.3355
1.3687 1.4018 1.4347 1.4677 1.4198
1.3153 1.2377 1.1530 1.0941 1.0534
1.0263 1.0094 1.0004 0.9977 1.0000

Width:
0.0205 0.0410 0.0615 0.0820 0.0950
0.1018 0.1086 0.1154 0.1222 0.1289
0.1357 0.1425 0.1493 0.1561 0.1628
0.1696 0.1764 0.1832 0.1900 0.1967
0.2035 0.2103 0.2171 0.2239 0.2306
0.2374 0.2442 0.2510 0.2578 0.2645
0.2713 0.2781 0.2849 0.2917 0.2984
0.3052 0.3120 0.3188 0.3256 0.3541
0.4059 0.4588 0.5264 0.5941 0.6617
0.7294 0.7970 0.8647 0.9323 1.0000

Transect 13A-S31
Area:
0.0009 0.0036 0.0081 0.0140 0.0201
0.0265 0.0332 0.0401 0.0473 0.0547
0.0624 0.0704 0.0786 0.0871 0.0958
0.1048 0.1141 0.1236 0.1334 0.1435
0.1538 0.1643 0.1751 0.1862 0.1976
0.2092 0.2210 0.2331 0.2455 0.2582
0.2711 0.2842 0.2977 0.3113 0.3253
0.3395 0.3569 0.3840 0.4209 0.4638
0.5069 0.5501 0.5937 0.6404 0.6909
0.7451 0.8032 0.8650 0.9306 1.0000

Hrad:
0.0368 0.0735 0.1103 0.1683 0.2276
0.2830 0.3350 0.3843 0.4311 0.4759
0.5188 0.5603 0.6003 0.6391 0.6769
0.7136 0.7496 0.7847 0.8192 0.8530
0.8862 0.9190 0.9512 0.9830 1.0145
1.0455 1.0762 1.1066 1.1367 1.1665
1.1961 1.2254 1.2546 1.2835 1.3122
1.3408 1.0039 0.7919 0.6852 0.7363
0.8012 0.8658 0.9059 0.9089 0.9165
0.9278 0.9423 0.9595 0.9788 1.0000

Width:
0.0254 0.0508 0.0762 0.0843 0.0880
0.0916 0.0953 0.0989 0.1026 0.1062
0.1098 0.1135 0.1171 0.1208 0.1244
0.1281 0.1317 0.1354 0.1390 0.1427
0.1463 0.1500 0.1536 0.1573 0.1609
0.1646 0.1682 0.1719 0.1755 0.1792
0.1828 0.1865 0.1901 0.1938 0.1974
0.2011 0.3103 0.4489 0.5875 0.6035
0.6054 0.6073 0.6283 0.6814 0.7345
0.7876 0.8407 0.8938 0.9469 1.0000

Transect 13A-S32
Area:
0.0004 0.0015 0.0033 0.0059 0.0092
0.0133 0.0181 0.0236 0.0299 0.0369
0.0446 0.0531 0.0623 0.0720 0.0820
0.0923 0.1030 0.1139 0.1252 0.1367
0.1486 0.1608 0.1732 0.1860 0.1991
0.2124 0.2261 0.2401 0.2543 0.2689
0.2838 0.2990 0.3144 0.3302 0.3463
0.3627 0.3794 0.3964 0.4153 0.4373
0.4648 0.4990 0.5399 0.5873 0.6413
0.7020 0.7693 0.8430 0.9202 1.0000

Hrad:
0.0389 0.0777 0.1166 0.1555 0.1944
0.2332 0.2721 0.3110 0.3499 0.3887
0.4276 0.4665 0.5116 0.5656 0.6179
0.6701 0.7217 0.7720 0.8209 0.8688
0.9156 0.9614 1.0064 1.0506 1.0940
1.1368 1.1790 1.2206 1.2616 1.3022
1.3423 1.3819 1.4212 1.4601 1.4987
1.5369 1.5748 1.5845 1.4613 1.3228
1.1381 1.0262 0.9569 0.9147 0.8909
0.8799 0.8785 0.8989 0.9497 1.0000

Width:
0.0091 0.0182 0.0273 0.0364 0.0455
0.0546 0.0636 0.0727 0.0818 0.0909
0.1000 0.1091 0.1164 0.1209 0.1254
0.1295 0.1332 0.1369 0.1406 0.1443
0.1480 0.1517 0.1554 0.1592 0.1629
0.1666 0.1703 0.1740 0.1777 0.1814
0.1851 0.1888 0.1926 0.1963 0.2000
0.2037 0.2074 0.2158 0.2509 0.2991
0.3806 0.4622 0.5437 0.6252 0.7068
0.7883 0.8698 0.9349 0.9674 1.0000

Transect 13A-S33
Area:
0.0004 0.0016 0.0036 0.0064 0.0100
0.0144 0.0196 0.0256 0.0324 0.0400
0.0485 0.0577 0.0677 0.0785 0.0901
0.1025 0.1157 0.1298 0.1446 0.1602
0.1766 0.1938 0.2119 0.2307 0.2503
0.2707 0.2920 0.3140 0.3368 0.3604
0.3849 0.4101 0.4361 0.4630 0.4906
0.5190 0.5483 0.5783 0.6091 0.6408
0.6732 0.7065 0.7405 0.7753 0.8110
0.8474 0.8847 0.9227 0.9611 1.0000

Hrad:
0.0195 0.0391 0.0586 0.0781 0.0976
0.1172 0.1367 0.1562 0.1758 0.1953
0.2148 0.2344 0.2539 0.2734 0.2929
0.3125 0.3320 0.3515 0.3711 0.3906
0.4101 0.4296 0.4492 0.4687 0.4882
0.5078 0.5273 0.5468 0.5664 0.5859
0.6054 0.6249 0.6445 0.6640 0.6835
0.7031 0.7226 0.7421 0.7616 0.7812
0.8007 0.8202 0.8398 0.8593 0.8788
0.8984 0.9179 0.9422 0.9712 1.0000

Width:
0.0205 0.0410 0.0615 0.0820 0.1025
0.1230 0.1435 0.1640 0.1845 0.2050
0.2255 0.2460 0.2665 0.2870 0.3075
0.3280 0.3485 0.3690 0.3895 0.4100
0.4306 0.4511 0.4716 0.4921 0.5126
0.5331 0.5536 0.5741 0.5946 0.6151
0.6356 0.6561 0.6766 0.6971 0.7176
0.7381 0.7586 0.7791 0.7996 0.8201
0.8406 0.8611 0.8816 0.9021 0.9226
0.9431 0.9636 0.9791 0.9895 1.0000

Transect 13A-S34
Area:
0.0032 0.0128 0.0267 0.0410 0.0556
0.0705 0.0857 0.1011 0.1168 0.1328
0.1491 0.1657 0.1826 0.1997 0.2171
0.2349 0.2528 0.2711 0.2897 0.3085
0.3277 0.3471 0.3668 0.3868 0.4071
0.4276 0.4484 0.4696 0.4910 0.5127
0.5346 0.5569 0.5794 0.6023 0.6254
0.6488 0.6725 0.6964 0.7207 0.7452
0.7700 0.7951 0.8203 0.8456 0.8710
0.8966 0.9222 0.9480 0.9740 1.0000

Hrad:
0.0223 0.0445 0.0820 0.1201 0.1555
0.1888 0.2200 0.2495 0.2775 0.3041
0.3294 0.3537 0.3769 0.3992 0.4208
0.4415 0.4616 0.4811 0.5000 0.5184
0.5362 0.5537 0.5707 0.5873 0.6036
0.6195 0.6351 0.6504 0.6655 0.6803
0.6948 0.7092 0.7233 0.7372 0.7510
0.7645 0.7779 0.7911 0.8042 0.8171
0.8299 0.8476 0.8673 0.8868 0.9061
0.9252 0.9442 0.9630 0.9816 1.0000

Width:
0.2454 0.4908 0.5425 0.5534 0.5643
0.5752 0.5860 0.5969 0.6078 0.6187
0.6296 0.6405 0.6513 0.6622 0.6731
0.6840 0.6949 0.7058 0.7166 0.7275
0.7384 0.7493 0.7602 0.7710 0.7819
0.7928 0.8037 0.8146 0.8255 0.8363
0.8472 0.8581 0.8690 0.8799 0.8908
0.9016 0.9125 0.9234 0.9343 0.9452
0.9561 0.9626 0.9673 0.9720 0.9766
0.9813 0.9860 0.9907 0.9953 1.0000

Transect 13B-S35
Area:
0.0015 0.0054 0.0099 0.0146 0.0195
0.0248 0.0303 0.0360 0.0421 0.0484

0.0549 0.0617 0.0688 0.0762 0.0838
0.0917 0.0998 0.1082 0.1169 0.1259
0.1351 0.1445 0.1543 0.1643 0.1746
0.1851 0.1959 0.2069 0.2183 0.2300
0.2449 0.2639 0.2869 0.3141 0.3453
0.3805 0.4197 0.4602 0.5009 0.5419
0.5831 0.6246 0.6665 0.7085 0.7509
0.7946 0.8398 0.8870 0.9385 1.0000
Hrad:
0.0387 0.0961 0.1602 0.2187 0.2726
0.3229 0.3703 0.4152 0.4581 0.4993
0.5390 0.5775 0.6149 0.6513 0.6869
0.7218 0.7560 0.7896 0.8228 0.8554
0.8877 0.9195 0.9511 0.9823 1.0132
1.0439 1.0743 1.1045 1.1346 1.0899
0.9315 0.8383 0.7826 0.7504 0.7340
0.7286 0.7490 0.8155 0.8815 0.9471
1.0123 1.0770 1.1414 1.2054 1.2689
1.3298 1.3878 1.4041 1.3771 1.0000
Width:
0.0401 0.0582 0.0618 0.0653 0.0689
0.0725 0.0761 0.0797 0.0833 0.0868
0.0904 0.0940 0.0976 0.1012 0.1048
0.1083 0.1119 0.1155 0.1191 0.1227
0.1262 0.1298 0.1334 0.1370 0.1406
0.1442 0.1477 0.1513 0.1549 0.1737
0.2288 0.2839 0.3390 0.3941 0.4492
0.5043 0.5447 0.5484 0.5521 0.5558
0.5595 0.5632 0.5669 0.5706 0.5788
0.6008 0.6229 0.6634 0.7267 1.0000

Transect 13B-S36
Area:
0.0022 0.0080 0.0142 0.0207 0.0275
0.0346 0.0419 0.0495 0.0574 0.0656
0.0740 0.0828 0.0918 0.1011 0.1106
0.1205 0.1306 0.1410 0.1516 0.1626
0.1738 0.1854 0.1992 0.2157 0.2350
0.2571 0.2820 0.3096 0.3393 0.3693
0.3995 0.4298 0.4602 0.4908 0.5215
0.5524 0.5834 0.6146 0.6459 0.6774
0.7090 0.7407 0.7726 0.8047 0.8369
0.8692 0.9017 0.9343 0.9671 1.0000
Hrad:
0.0214 0.0550 0.0912 0.1245 0.1552
0.1840 0.2110 0.2366 0.2609 0.2842
0.3066 0.3282 0.3491 0.3694 0.3891
0.4083 0.4271 0.4454 0.4635 0.4812
0.4986 0.4942 0.4518 0.4259 0.4108
0.4032 0.4009 0.4026 0.4269 0.4590
0.4905 0.5215 0.5519 0.5817 0.6111
0.6399 0.6683 0.6962 0.7237 0.7507
0.7773 0.8035 0.8293 0.8548 0.8798
0.9045 0.9289 0.9529 0.9766 1.0000
Width:
0.1359 0.1846 0.1930 0.2014 0.2099
0.2183 0.2267 0.2351 0.2435 0.2519
0.2603 0.2688 0.2772 0.2856 0.2940
0.3024 0.3108 0.3193 0.3277 0.3361
0.3445 0.3748 0.4590 0.5431 0.6273
0.7114 0.7956 0.8797 0.9072 0.9116
0.9161 0.9205 0.9249 0.9293 0.9337
0.9381 0.9426 0.9470 0.9514 0.9558
0.9602 0.9647 0.9691 0.9735 0.9779
0.9823 0.9867 0.9912 0.9956 1.0000

Transect 13B-S37
Area:
0.0063 0.0131 0.0205 0.0284 0.0369
0.0460 0.0556 0.0658 0.0766 0.0879
0.0998 0.1123 0.1253 0.1389 0.1530
0.1677 0.1830 0.1988 0.2152 0.2322
0.2497 0.2678 0.2865 0.3057 0.3255
0.3458 0.3667 0.3882 0.4103 0.4329
0.4560 0.4798 0.5041 0.5289 0.5544
0.5803 0.6069 0.6340 0.6617 0.6899
0.7187 0.7481 0.7780 0.8085 0.8396
0.8711 0.9028 0.9349 0.9673 1.0000
Hrad:
0.0346 0.0659 0.0947 0.1216 0.1470
0.1711 0.1943 0.2166 0.2382 0.2593
0.2799 0.3000 0.3198 0.3392 0.3584
0.3773 0.3960 0.4146 0.4329 0.4511
0.4691 0.4870 0.5048 0.5225 0.5401
0.5576 0.5750 0.5924 0.6097 0.6269
0.6440 0.6611 0.6782 0.6952 0.7122
0.7291 0.7460 0.7628 0.7796 0.7964
0.8132 0.8299 0.8466 0.8633 0.8807
0.9049 0.9289 0.9527 0.9764 1.0000
Width:
0.1990 0.2162 0.2333 0.2505 0.2677
0.2848 0.3020 0.3192 0.3363 0.3535
0.3707 0.3878 0.4050 0.4222 0.4393
0.4565 0.4737 0.4908 0.5080 0.5252
0.5424 0.5595 0.5767 0.5939 0.6110
0.6282 0.6454 0.6625 0.6797 0.6969
0.7140 0.7312 0.7484 0.7655 0.7827
0.7999 0.8170 0.8342 0.8514 0.8686
0.8857 0.9029 0.9201 0.9372 0.9536
0.9629 0.9722 0.9814 0.9907 1.0000

Transect 13B-S38
Area:
0.0008 0.0032 0.0071 0.0127 0.0198
0.0285 0.0379 0.0477 0.0578 0.0683
0.0791 0.0903 0.1018 0.1136 0.1259
0.1384 0.1513 0.1646 0.1782 0.1921
0.2064 0.2211 0.2361 0.2514 0.2671
0.2831 0.2995 0.3162 0.3333 0.3507
0.3685 0.3866 0.4051 0.4239 0.4431
0.4627 0.4839 0.5066 0.5310 0.5569
0.5845 0.6137 0.6462 0.6833 0.7252
0.7717 0.8228 0.8786 0.9385 1.0000
Hrad:
0.0334 0.0667 0.1001 0.1335 0.1669
0.2042 0.2555 0.3033 0.3480 0.3902
0.4301 0.4682 0.5047 0.5397 0.5735
0.6062 0.6378 0.6686 0.6987 0.7280
0.7566 0.7847 0.8123 0.8394 0.8661
0.8923 0.9182 0.9438 0.9690 0.9940
1.0187 1.0431 1.0673 1.0913 1.1151
1.1176 1.1045 1.0963 1.0921 1.0915
1.0940 1.0943 1.0361 0.9954 0.9677
0.9501 0.9403 0.9368 0.9610 1.0000
Width:
0.0254 0.0508 0.0763 0.1017 0.1271
0.1487 0.1543 0.1599 0.1654 0.1710
0.1766 0.1822 0.1878 0.1933 0.1989
0.2045 0.2101 0.2157 0.2212 0.2268
0.2324 0.2380 0.2436 0.2491 0.2547
0.2603 0.2659 0.2715 0.2770 0.2826
0.2882 0.2938 0.2994 0.3049 0.3105
0.3266 0.3524 0.3782 0.4040 0.4299
0.4557 0.4847 0.5595 0.6343 0.7092
0.7840 0.8588 0.9337 0.9768 1.0000

Transect 13B-S39
Area:
0.0008 0.0032 0.0071 0.0127 0.0198
0.0285 0.0379 0.0477 0.0578 0.0683
0.0791 0.0903 0.1018 0.1136 0.1259
0.1384 0.1513 0.1646 0.1782 0.1921
0.2064 0.2211 0.2361 0.2514 0.2671
0.2831 0.2995 0.3162 0.3333 0.3507
0.3685 0.3866 0.4051 0.4239 0.4431
0.4627 0.4839 0.5066 0.5310 0.5569
0.5845 0.6137 0.6462 0.6833 0.7252
0.7717 0.8228 0.8786 0.9385 1.0000
Hrad:
0.0334 0.0667 0.1001 0.1335 0.1669
0.2042 0.2555 0.3033 0.3480 0.3902
0.4301 0.4682 0.5047 0.5397 0.5735
0.6062 0.6378 0.6686 0.6987 0.7280
0.7566 0.7847 0.8123 0.8394 0.8661
0.8923 0.9182 0.9438 0.9690 0.9940
1.0187 1.0431 1.0673 1.0913 1.1151
1.1176 1.1045 1.0963 1.0921 1.0915
1.0940 1.0943 1.0361 0.9954 0.9677
0.9501 0.9403 0.9368 0.9610 1.0000
Width:
0.0254 0.0508 0.0763 0.1017 0.1271
0.1487 0.1543 0.1599 0.1654 0.1710
0.1766 0.1822 0.1878 0.1933 0.1989
0.2045 0.2101 0.2157 0.2212 0.2268
0.2324 0.2380 0.2436 0.2491 0.2547
0.2603 0.2659 0.2715 0.2770 0.2826

0.2882 0.2938 0.2994 0.3049 0.3105
0.3266 0.3524 0.3782 0.4040 0.4299
0.4557 0.4847 0.5595 0.6343 0.7092
0.7840 0.8588 0.9337 0.9768 1.0000

Transect 13B-S40
Area:
0.0016 0.0064 0.0142 0.0233 0.0328
0.0430 0.0536 0.0648 0.0766 0.0889
0.1017 0.1150 0.1290 0.1434 0.1584
0.1739 0.1900 0.2066 0.2237 0.2414
0.2596 0.2784 0.2977 0.3176 0.3379
0.3589 0.3803 0.4024 0.4249 0.4480
0.4716 0.4958 0.5205 0.5458 0.5715
0.5979 0.6247 0.6521 0.6799 0.7079
0.7361 0.7645 0.7931 0.8220 0.8511
0.8804 0.9100 0.9398 0.9698 1.0000
Hrad:
0.0177 0.0355 0.0573 0.0871 0.1150
0.1412 0.1660 0.1898 0.2125 0.2345
0.2557 0.2764 0.2965 0.3162 0.3354
0.3543 0.3728 0.3911 0.4091 0.4269
0.4445 0.4619 0.4791 0.4961 0.5130
0.5298 0.5464 0.5630 0.5794 0.5957
0.6120 0.6281 0.6442 0.6602 0.6761
0.6920 0.7078 0.7249 0.7488 0.7725
0.7960 0.8193 0.8425 0.8655 0.8883
0.9109 0.9334 0.9558 0.9780 1.0000
Width:
0.1050 0.2100 0.2891 0.3069 0.3247
0.3425 0.3603 0.3781 0.3959 0.4137
0.4315 0.4493 0.4671 0.4849 0.5027
0.5205 0.5383 0.5561 0.5739 0.5917
0.6096 0.6274 0.6452 0.6630 0.6808
0.6986 0.7164 0.7342 0.7520 0.7698
0.7876 0.8054 0.8232 0.8410 0.8588
0.8766 0.8944 0.9105 0.9180 0.9255
0.9329 0.9404 0.9478 0.9553 0.9627
0.9702 0.9776 0.9851 0.9925 1.0000

Transect 13B-S41
Area:
0.0018 0.0073 0.0162 0.0260 0.0364
0.0473 0.0588 0.0707 0.0831 0.0961
0.1096 0.1236 0.1381 0.1531 0.1687
0.1847 0.2013 0.2184 0.2360 0.2542
0.2728 0.2920 0.3116 0.3318 0.3525
0.3738 0.3955 0.4178 0.4405 0.4638
0.4876 0.5119 0.5368 0.5621 0.5880
0.6141 0.6404 0.6669 0.6936 0.7204
0.7475 0.7748 0.8023 0.8299 0.8578
0.8858 0.9141 0.9425 0.9712 1.0000
Hrad:
0.0181 0.0362 0.0606 0.0917 0.1209
0.1485 0.1749 0.2001 0.2244 0.2478
0.2706 0.2926 0.3142 0.3352 0.3558
0.3759 0.3958 0.4153 0.4345 0.4535
0.4722 0.4907 0.5090 0.5271 0.5450
0.5628 0.5804 0.5979 0.6153 0.6326
0.6497 0.6668 0.6838 0.7007 0.7191
0.7401 0.7606 0.7808 0.8006 0.8202
0.8394 0.8583 0.8769 0.8952 0.9133
0.9311 0.9487 0.9660 0.9831 1.0000
Width:
0.1265 0.2531 0.3322 0.3501 0.3679
0.3857 0.4036 0.4214 0.4393 0.4571
0.4749 0.4928 0.5106 0.5285 0.5463
0.5641 0.5820 0.5998 0.6176 0.6355
0.6533 0.6712 0.6890 0.7068 0.7247
0.7425 0.7604 0.7782 0.7960 0.8139
0.8317 0.8496 0.8674 0.8852 0.8988
0.9056 0.9123 0.9190 0.9258 0.9325
0.9393 0.9460 0.9528 0.9595 0.9663
0.9730 0.9798 0.9865 0.9933 1.0000

Transect 13B-S42
Area:
0.0021 0.0086 0.0173 0.0265 0.0362
0.0465 0.0572 0.0685 0.0803 0.0927
0.1055 0.1189 0.1328 0.1472 0.1621
0.1775 0.1935 0.2100 0.2270 0.2445
0.2626 0.2811 0.3002 0.3198 0.3399
0.3606 0.3817 0.4034 0.4256 0.4483
0.4716 0.4953 0.5196 0.5444 0.5697
0.5956 0.6219 0.6488 0.6762 0.7041
0.7322 0.7607 0.7895 0.8187 0.8481
0.8778 0.9079 0.9383 0.9690 1.0000
Hrad:
0.0179 0.0364 0.0686 0.0986 0.1270
0.1540 0.1799 0.2047 0.2286 0.2518
0.2744 0.2964 0.3179 0.3389 0.3596
0.3799 0.3998 0.4195 0.4390 0.4582
0.4772 0.4960 0.5146 0.5330 0.5514
0.5695 0.5876 0.6055 0.6233 0.6410
0.6586 0.6762 0.6936 0.7110 0.7283
0.7455 0.7627 0.7798 0.7969 0.8159
0.8353 0.8544 0.8733 0.8920 0.9105
0.9288 0.9468 0.9647 0.9825 1.0000
Width:
0.1376 0.2705 0.2872 0.3039 0.3205
0.3372 0.3539 0.3705 0.3872 0.4039
0.4205 0.4372 0.4539 0.4706 0.4872
0.5039 0.5206 0.5372 0.5539 0.5706
0.5872 0.6039 0.6206 0.6373 0.6539
0.6706 0.6873 0.7039 0.7206 0.7373
0.7539 0.7706 0.7873 0.8040 0.8206
0.8373 0.8540 0.8706 0.8873 0.8988
0.9090 0.9191 0.9292 0.9393 0.9494
0.9595 0.9697 0.9798 0.9899 1.0000

Transect 13B-S43
Area:
0.0011 0.0038 0.0071 0.0108 0.0149
0.0195 0.0246 0.0301 0.0362 0.0426
0.0496 0.0570 0.0648 0.0732 0.0827
0.0942 0.1078 0.1235 0.1412 0.1610
0.1828 0.2067 0.2315 0.2565 0.2818
0.3074 0.3332 0.3592 0.3855 0.4120
0.4388 0.4658 0.4931 0.5206 0.5483
0.5763 0.6046 0.6330 0.6618 0.6908
0.7200 0.7495 0.7793 0.8095 0.8401
0.8709 0.9022 0.9337 0.9657 1.0000
Hrad:
0.0194 0.0489 0.0763 0.1008 0.1235
0.1449 0.1654 0.1852 0.2046 0.2235
0.2420 0.2604 0.2785 0.2964 0.2780
0.2689 0.2674 0.2707 0.2773 0.2863
0.2972 0.3118 0.3434 0.3744 0.4047
0.4344 0.4636 0.4922 0.5202 0.5478
0.5748 0.6014 0.6276 0.6533 0.6787
0.7036 0.7282 0.7524 0.7762 0.7997
0.8230 0.8442 0.8648 0.8851 0.9053
0.9252 0.9449 0.9645 0.9838 1.0000
Width:
0.0516 0.0694 0.0802 0.0909 0.1017
0.1125 0.1233 0.1341 0.1449 0.1557
0.1664 0.1772 0.1880 0.1988 0.2442
0.2919 0.3396 0.3873 0.4350 0.4827
0.5304 0.5729 0.5786 0.5843 0.5900
0.5957 0.6014 0.6070 0.6127 0.6184
0.6241 0.6298 0.6355 0.6412 0.6469
0.6526 0.6583 0.6640 0.6697 0.6754
0.6811 0.6886 0.6966 0.7046 0.7127
0.7207 0.7287 0.7367 0.7448 1.0000

Transect 13B-S44
Area:
0.0012 0.0047 0.0094 0.0144 0.0198
0.0254 0.0313 0.0375 0.0439 0.0507
0.0578 0.0651 0.0727 0.0806 0.0888
0.0973 0.1061 0.1152 0.1245 0.1342
0.1441 0.1543 0.1649 0.1757 0.1867
0.1983 0.2122 0.2295 0.2501 0.2740
0.3013 0.3316 0.3631 0.3953 0.4281
0.4616 0.4957 0.5305 0.5660 0.6021
0.6389 0.6764 0.7145 0.7533 0.7927
0.8329 0.8737 0.9151 0.9572 1.0000
Hrad:
0.0223 0.0451 0.0845 0.1211 0.1553
0.1876 0.2182 0.2476 0.2758 0.3030
0.3294 0.3550 0.3800 0.4044 0.4284
0.4518 0.4749 0.4977 0.5201 0.5422
0.5641 0.5858 0.6072 0.6284 0.6494
0.6298 0.5500 0.4989 0.4682 0.4505
0.4415 0.4533 0.4864 0.5191 0.5514
0.5833 0.6149 0.6461 0.6770 0.7076

0.7379 0.7680 0.7977 0.8273 0.8566
0.8857 0.9146 0.9432 0.9717 1.0000
Width:
0.0540 0.1068 0.1134 0.1201 0.1268
0.1335 0.1402 0.1469 0.1535 0.1602
0.1669 0.1736 0.1803 0.1870 0.1937
0.2003 0.2070 0.2137 0.2204 0.2271
0.2338 0.2404 0.2471 0.2538 0.2605
0.2877 0.3617 0.4391 0.5164 0.5938
0.6712 0.7224 0.7379 0.7533 0.7687
0.7841 0.7995 0.8150 0.8304 0.8458
0.8612 0.8766 0.8921 0.9075 0.9229
0.9383 0.9537 0.9692 0.9846 1.0000

Transect 13B-S45
Area:
0.0014 0.0058 0.0130 0.0229 0.0339
0.0453 0.0572 0.0695 0.0823 0.0956
0.1093 0.1235 0.1382 0.1533 0.1688
0.1849 0.2014 0.2183 0.2357 0.2536
0.2720 0.2908 0.3100 0.3298 0.3499
0.3706 0.3917 0.4133 0.4353 0.4578
0.4807 0.5042 0.5280 0.5524 0.5772
0.6024 0.6282 0.6543 0.6810 0.7081
0.7356 0.7637 0.7922 0.8211 0.8504
0.8799 0.9097 0.9396 0.9697 1.0000
Hrad:
0.0164 0.0328 0.0492 0.0699 0.0986
0.1261 0.1525 0.1780 0.2026 0.2265
0.2497 0.2724 0.2945 0.3161 0.3373
0.3581 0.3785 0.3986 0.4184 0.4379
0.4571 0.4762 0.4950 0.5136 0.5320
0.5502 0.5683 0.5862 0.6040 0.6217
0.6392 0.6566 0.6739 0.6911 0.7082
0.7252 0.7421 0.7589 0.7757 0.7924
0.8090 0.8255 0.8420 0.8585 0.8816
0.9056 0.9294 0.9531 0.9766 1.0000
Width:
0.0946 0.1892 0.2839 0.3528 0.3679
0.3831 0.3983 0.4134 0.4286 0.4437
0.4589 0.4741 0.4892 0.5044 0.5196
0.5347 0.5499 0.5650 0.5802 0.5954
0.6105 0.6257 0.6409 0.6560 0.6712
0.6864 0.7015 0.7167 0.7318 0.7470
0.7622 0.7773 0.7925 0.8077 0.8228
0.8380 0.8531 0.8683 0.8835 0.8986
0.9138 0.9290 0.9441 0.9593 0.9669
0.9735 0.9801 0.9868 0.9934 1.0000

Transect 13B-S46
Area:
0.0029 0.0106 0.0194 0.0287 0.0385
0.0489 0.0597 0.0712 0.0831 0.0956
0.1086 0.1222 0.1363 0.1509 0.1660
0.1817 0.1979 0.2147 0.2320 0.2498
0.2681 0.2870 0.3064 0.3264 0.3469
0.3679 0.3894 0.4115 0.4341 0.4573
0.4809 0.5051 0.5299 0.5552 0.5810
0.6073 0.6339 0.6608 0.6878 0.7151
0.7426 0.7703 0.7983 0.8264 0.8548
0.8834 0.9122 0.9413 0.9705 1.0000
Hrad:
0.0171 0.0425 0.0725 0.1007 0.1274
0.1528 0.1772 0.2008 0.2235 0.2456
0.2671 0.2881 0.3086 0.3287 0.3485
0.3680 0.3872 0.4061 0.4248 0.4433
0.4616 0.4797 0.4977 0.5155 0.5332
0.5507 0.5682 0.5855 0.6027 0.6199
0.6369 0.6539 0.6708 0.6876 0.7044
0.7226 0.7442 0.7654 0.7864 0.8071
0.8275 0.8476 0.8675 0.8871 0.9065
0.9256 0.9445 0.9632 0.9817 1.0000
Width:
0.1938 0.2871 0.3051 0.3231 0.3411
0.3591 0.3771 0.3952 0.4132 0.4312
0.4492 0.4672 0.4852 0.5032 0.5212
0.5392 0.5572 0.5752 0.5932 0.6113
0.6293 0.6473 0.6653 0.6833 0.7013
0.7193 0.7373 0.7553 0.7733 0.7913
0.8094 0.8274 0.8454 0.8634 0.8814
0.8964 0.9038 0.9112 0.9186 0.9260
0.9334 0.9408 0.9482 0.9556 0.9630
0.9704 0.9778 0.9852 0.9926 1.0000

Transect 13B-S47
Area:
0.0049 0.0134 0.0225 0.0323 0.0427
0.0537 0.0653 0.0776 0.0904 0.1039
0.1181 0.1328 0.1481 0.1641 0.1807
0.1979 0.2158 0.2343 0.2533 0.2730
0.2934 0.3143 0.3359 0.3581 0.3806
0.4033 0.4261 0.4492 0.4724 0.4958
0.5193 0.5430 0.5669 0.5910 0.6153
0.6397 0.6643 0.6891 0.7140 0.7392
0.7645 0.7899 0.8156 0.8414 0.8674
0.8936 0.9199 0.9464 0.9731 1.0000
Hrad:
0.0177 0.0448 0.0700 0.0936 0.1159
0.1371 0.1575 0.1771 0.1962 0.2146
0.2327 0.2503 0.2676 0.2845 0.3012
0.3177 0.3339 0.3500 0.3658 0.3815
0.3971 0.4125 0.4278 0.4447 0.4683
0.4917 0.5148 0.5378 0.5605 0.5831
0.6055 0.6277 0.6497 0.6715 0.6931
0.7146 0.7360 0.7571 0.7781 0.7990
0.8197 0.8403 0.8607 0.8810 0.9011
0.9212 0.9411 0.9608 0.9805 1.0000
Width:
0.3045 0.3276 0.3506 0.3737 0.3967
0.4198 0.4429 0.4659 0.4890 0.5120
0.5351 0.5582 0.5812 0.6043 0.6273
0.6504 0.6734 0.6965 0.7196 0.7426
0.7657 0.7887 0.8118 0.8317 0.8382
0.8446 0.8511 0.8576 0.8641 0.8705
0.8770 0.8835 0.8900 0.8964 0.9029
0.9094 0.9159 0.9223 0.9288 0.9353
0.9417 0.9482 0.9547 0.9612 0.9676
0.9741 0.9806 0.9871 0.9935 1.0000

Transect 13B-S48
Area:
0.0009 0.0038 0.0085 0.0151 0.0236
0.0340 0.0457 0.0579 0.0705 0.0837
0.0973 0.1114 0.1260 0.1411 0.1567
0.1728 0.1893 0.2064 0.2239 0.2419
0.2605 0.2795 0.2989 0.3189 0.3394
0.3604 0.3818 0.4037 0.4262 0.4491
0.4725 0.4964 0.5207 0.5456 0.5710
0.5968 0.6231 0.6500 0.6773 0.7051
0.7334 0.7621 0.7914 0.8207 0.8503
0.8799 0.9097 0.9397 0.9698 1.0000
Hrad:
0.0169 0.0337 0.0506 0.0674 0.0843
0.1011 0.1284 0.1552 0.1809 0.2057
0.2297 0.2529 0.2755 0.2975 0.3190
0.3400 0.3606 0.3808 0.4007 0.4202
0.4395 0.4585 0.4772 0.4957 0.5140
0.5321 0.5501 0.5678 0.5854 0.6029
0.6203 0.6375 0.6546 0.6715 0.6884
0.7052 0.7219 0.7385 0.7550 0.7715
0.7879 0.8042 0.8257 0.8511 0.8763
0.9014 0.9263 0.9510 0.9756 1.0000
Width:
0.0624 0.1248 0.1872 0.2496 0.3120
0.3744 0.3933 0.4094 0.4255 0.4417
0.4578 0.4739 0.4900 0.5062 0.5223
0.5384 0.5545 0.5707 0.5868 0.6029
0.6190 0.6352 0.6513 0.6674 0.6835
0.6997 0.7158 0.7319 0.7480 0.7642
0.7803 0.7964 0.8125 0.8287 0.8448
0.8609 0.8770 0.8932 0.9093 0.9254
0.9415 0.9577 0.9672 0.9719 0.9766
0.9813 0.9859 0.9906 0.9953 1.0000

Transect 13B-S49
Area:
0.0008 0.0032 0.0071 0.0127 0.0198
0.0285 0.0379 0.0477 0.0578 0.0683
0.0791 0.0903 0.1018 0.1136 0.1259
0.1384 0.1513 0.1646 0.1782 0.1921
0.2064 0.2211 0.2361 0.2514 0.2671
0.2831 0.2995 0.3162 0.3333 0.3507
0.3685 0.3866 0.4051 0.4239 0.4431
0.4627 0.4839 0.5066 0.5310 0.5569
0.5845 0.6137 0.6462 0.6833 0.7252
0.7717 0.8228 0.8786 0.9385 1.0000

Hrad:

0.0334	0.0667	0.1001	0.1335	0.1669
0.2042	0.2555	0.3033	0.3480	0.3902
0.4301	0.4682	0.5047	0.5397	0.5735
0.6062	0.6378	0.6686	0.6987	0.7280
0.7566	0.7847	0.8123	0.8394	0.8661
0.8923	0.9182	0.9438	0.9690	0.9940
1.0187	1.0431	1.0673	1.0913	1.1151
1.1176	1.1045	1.0963	1.0921	1.0915
1.0940	1.0943	1.0361	0.9954	0.9677
0.9501	0.9403	0.9368	0.9610	1.0000

Width:

0.0254	0.0508	0.0763	0.1017	0.1271
0.1487	0.1543	0.1599	0.1654	0.1710
0.1766	0.1822	0.1878	0.1933	0.1989
0.2045	0.2101	0.2157	0.2212	0.2268
0.2324	0.2380	0.2436	0.2491	0.2547
0.2603	0.2659	0.2715	0.2770	0.2826
0.2882	0.2938	0.2994	0.3049	0.3105
0.3266	0.3524	0.3782	0.4040	0.4299
0.4557	0.4847	0.5595	0.6343	0.7092
0.7840	0.8588	0.9337	0.9768	1.0000

Transect 13B-S50

Area:

0.0007	0.0026	0.0059	0.0104	0.0163
0.0235	0.0320	0.0418	0.0529	0.0649
0.0776	0.0909	0.1047	0.1192	0.1343
0.1501	0.1664	0.1833	0.2009	0.2191
0.2379	0.2573	0.2773	0.2979	0.3191
0.3410	0.3634	0.3865	0.4102	0.4345
0.4592	0.4842	0.5097	0.5355	0.5617
0.5882	0.6152	0.6425	0.6702	0.6983
0.7268	0.7556	0.7848	0.8144	0.8444
0.8748	0.9055	0.9366	0.9681	1.0000

Hrad:

0.0188	0.0376	0.0564	0.0752	0.0940
0.1128	0.1316	0.1504	0.1695	0.1966
0.2227	0.2478	0.2722	0.2959	0.3190
0.3416	0.3638	0.3855	0.4069	0.4280
0.4488	0.4693	0.4896	0.5096	0.5295
0.5492	0.5688	0.5882	0.6074	0.6278
0.6490	0.6699	0.6904	0.7105	0.7303
0.7499	0.7691	0.7881	0.8069	0.8254
0.8437	0.8618	0.8796	0.8973	0.9148
0.9322	0.9494	0.9664	0.9833	1.0000

Width:

0.0407	0.0815	0.1222	0.1629	0.2037
0.2444	0.2851	0.3259	0.3660	0.3852
0.4043	0.4234	0.4425	0.4616	0.4807
0.4999	0.5190	0.5381	0.5572	0.5763
0.5954	0.6146	0.6337	0.6528	0.6719
0.6910	0.7101	0.7293	0.7484	0.7638
0.7756	0.7874	0.7992	0.8110	0.8228
0.8346	0.8464	0.8583	0.8701	0.8819
0.8937	0.9055	0.9173	0.9291	0.9409
0.9528	0.9646	0.9764	0.9882	1.0000

Transect 13B-S51

Area:

0.0007	0.0026	0.0059	0.0104	0.0163
0.0235	0.0320	0.0418	0.0529	0.0649
0.0776	0.0909	0.1047	0.1192	0.1343
0.1501	0.1664	0.1833	0.2009	0.2191
0.2379	0.2573	0.2773	0.2979	0.3191
0.3410	0.3634	0.3865	0.4102	0.4345
0.4592	0.4842	0.5097	0.5355	0.5617
0.5882	0.6152	0.6425	0.6702	0.6983
0.7268	0.7556	0.7848	0.8144	0.8444
0.8748	0.9055	0.9366	0.9681	1.0000

Hrad:

0.0188	0.0376	0.0564	0.0752	0.0940
0.1128	0.1316	0.1504	0.1695	0.1966
0.2227	0.2478	0.2722	0.2959	0.3190
0.3416	0.3638	0.3855	0.4069	0.4280
0.4488	0.4693	0.4896	0.5096	0.5295
0.5492	0.5688	0.5882	0.6074	0.6278
0.6490	0.6699	0.6904	0.7105	0.7303
0.7499	0.7691	0.7881	0.8069	0.8254
0.8437	0.8618	0.8796	0.8973	0.9148
0.9322	0.9494	0.9664	0.9833	1.0000

Width:

0.0407	0.0815	0.1222	0.1629	0.2037
0.2444	0.2851	0.3259	0.3660	0.3852
0.4043	0.4234	0.4425	0.4616	0.4807
0.4999	0.5190	0.5381	0.5572	0.5763
0.5954	0.6146	0.6337	0.6528	0.6719
0.6910	0.7101	0.7293	0.7484	0.7638
0.7756	0.7874	0.7992	0.8110	0.8228
0.8346	0.8464	0.8583	0.8701	0.8819
0.8937	0.9055	0.9173	0.9291	0.9409
0.9528	0.9646	0.9764	0.9882	1.0000

Transect 13B-S52

Area:

0.0005	0.0022	0.0049	0.0087	0.0128
0.0171	0.0217	0.0265	0.0316	0.0370
0.0426	0.0484	0.0545	0.0608	0.0674
0.0743	0.0814	0.0887	0.0963	0.1042
0.1123	0.1206	0.1292	0.1381	0.1472
0.1566	0.1662	0.1760	0.1861	0.1965
0.2071	0.2209	0.2409	0.2671	0.2994
0.3379	0.3796	0.4214	0.4638	0.5073
0.5518	0.5974	0.6441	0.6917	0.7405
0.7903	0.8411	0.8930	0.9460	1.0000

Hrad:

0.0277	0.0554	0.0831	0.1197	0.1624
0.2017	0.2385	0.2732	0.3062	0.3377
0.3680	0.3973	0.4258	0.4535	0.4805
0.5070	0.5329	0.5584	0.5836	0.6084
0.6328	0.6570	0.6810	0.7047	0.7281
0.7515	0.7746	0.7976	0.8204	0.8431
0.8656	0.6380	0.5315	0.4767	0.4487
0.4364	0.4881	0.5395	0.5803	0.6205
0.6602	0.6995	0.7383	0.7768	0.8148
0.8525	0.8898	0.9269	0.9636	1.0000

Width:

0.0201	0.0402	0.0603	0.0727	0.0773
0.0819	0.0865	0.0911	0.0957	0.1003
0.1049	0.1095	0.1141	0.1187	0.1233
0.1279	0.1325	0.1370	0.1416	0.1462
0.1508	0.1554	0.1600	0.1646	0.1692
0.1738	0.1784	0.1830	0.1876	0.1922
0.1968	0.3100	0.4232	0.5363	0.6495
0.7627	0.7655	0.7683	0.7876	0.8069
0.8263	0.8456	0.8649	0.8842	0.9035
0.9228	0.9421	0.9614	0.9807	1.0000

Transect 13B-S53

Area:

0.0032	0.0122	0.0225	0.0333	0.0445
0.0562	0.0684	0.0810	0.0941	0.1077
0.1218	0.1364	0.1514	0.1669	0.1828
0.1993	0.2162	0.2336	0.2515	0.2698
0.2886	0.3079	0.3277	0.3479	0.3686
0.3898	0.4114	0.4336	0.4562	0.4793
0.5028	0.5268	0.5510	0.5755	0.6002
0.6252	0.6504	0.6758	0.7015	0.7274
0.7536	0.7800	0.8066	0.8335	0.8607
0.8881	0.9157	0.9435	0.9717	1.0000

Hrad:

0.0215	0.0519	0.0892	0.1236	0.1557
0.1858	0.2142	0.2413	0.2671	0.2919
0.3157	0.3388	0.3612	0.3829	0.4041
0.4248	0.4451	0.4649	0.4844	0.5036
0.5225	0.5411	0.5594	0.5775	0.5954
0.6132	0.6307	0.6481	0.6653	0.6824
0.6993	0.7173	0.7356	0.7534	0.7708
0.7880	0.8047	0.8212	0.8374	0.8533
0.8690	0.8844	0.8996	0.9145	0.9292
0.9438	0.9581	0.9722	0.9862	1.0000

Width:

0.2274	0.3527	0.3693	0.3860	0.4026
0.4193	0.4359	0.4526	0.4692	0.4859
0.5026	0.5192	0.5359	0.5525	0.5692
0.5858	0.6025	0.6191	0.6358	0.6525
0.6691	0.6858	0.7024	0.7191	0.7357
0.7524	0.7690	0.7857	0.8024	0.8190
0.8357	0.8467	0.8552	0.8638	0.8723
0.8808	0.8893	0.8978	0.9063	0.9149
0.9234	0.9319	0.9404	0.9489	0.9574
0.9659	0.9745	0.9830	0.9915	1.0000

Transect 13B-S54

Area:

0.0004	0.0017	0.0038	0.0068	0.0106

0.0153	0.0208	0.0271	0.0343	0.0424
0.0513	0.0610	0.0716	0.0828	0.0942
0.1059	0.1178	0.1300	0.1424	0.1550
0.1679	0.1811	0.1945	0.2094	0.2265
0.2457	0.2671	0.2906	0.3163	0.3441
0.3741	0.4060	0.4382	0.4706	0.5030
0.5355	0.5682	0.6009	0.6336	0.6665
0.6995	0.7325	0.7656	0.7989	0.8322
0.8656	0.8990	0.9326	0.9663	1.0000

Hrad:

0.0180	0.0359	0.0539	0.0718	0.0898
0.1078	0.1257	0.1437	0.1616	0.1796
0.1975	0.2155	0.2335	0.2624	0.2912
0.3193	0.3468	0.3738	0.4002	0.4262
0.4516	0.4767	0.4902	0.4593	0.4397
0.4278	0.4216	0.4195	0.4207	0.4243
0.4299	0.4493	0.4821	0.5147	0.5470
0.5790	0.6107	0.6421	0.6733	0.7042
0.7349	0.7653	0.7955	0.8254	0.8551
0.8845	0.9137	0.9427	0.9715	1.0000

Width:

0.0251	0.0502	0.0753	0.1004	0.1255
0.1506	0.1757	0.2008	0.2259	0.2510
0.2761	0.3012	0.3263	0.3343	0.3416
0.3489	0.3562	0.3635	0.3708	0.3781
0.3854	0.3927	0.4098	0.4735	0.5372
0.6008	0.6645	0.7282	0.7919	0.8556
0.9193	0.9537	0.9563	0.9589	0.9614
0.9640	0.9666	0.9692	0.9717	0.9743
0.9769	0.9794	0.9820	0.9846	0.9871
0.9897	0.9923	0.9949	0.9974	1.0000

WARNING 01: wet weather time step reduced to recording interval for Rain Gage Chiusi

Runoff Quantity Continuity	Volume hectare-m	Depth mm
Total Precipitation	8.320	57.330
Evaporation Loss	0.000	0.000
Infiltration Loss	4.764	32.827
Surface Runoff	3.030	20.880
Final Surface Storage	0.528	3.637
Continuity Error (%)	-0.024	

Flow Routing Continuity	Volume hectare-m	Volume 10^6 ltr
Dry Weather Inflow	0.000	0.000
Wet Weather Inflow	3.031	30.306
Groundwater Inflow	0.000	0.000
RDII Inflow	0.000	0.000
External Inflow	10.139	101.389
External Outflow	1.199	11.987
Internal Outflow	11.614	116.140
Evaporation Loss	0.000	0.000
Initial Stored Volume	0.047	0.469
Final Stored Volume	0.367	3.674
Continuity Error (%)	0.274	

Highest Continuity Errors

Node 13B-N088 (29.41%)
Node 13A-N170 (4.58%)
Node 13A-N168 (-4.52%)
Node 13A-N058 (3.81%)
Node 13A-N138 (3.66%)

Time-Step Critical Elements

Link 13A-C112 (80.13%)
Link 13A-C214 (10.10%)
Link 13A-C217 (4.92%)
Link 13A-C127 (2.43%)

Highest Flow Instability Indexes

All links are stable.

Routing Time Step Summary

Minimum Time Step	:	0.50 sec
Average Time Step	:	0.50 sec
Maximum Time Step	:	0.50 sec
Percent in Steady State	:	0.00
Average Iterations per Step	:	2.01

Subcatchment Runoff Summary

Subcatchment	Total Precip mm	Total Runon mm	Total Evap mm	Total Infil mm	Total Runoff mm	Total Runoff 10^6 ltr	Peak Runoff LPS	Runoff Coeff
13A-S001	57.330	139.290	0.000	10.257	181.146	0.399	302.038	0.921
13A-S002	57.330	0.000	0.000	39.450	16.552	0.156	108.244	0.289
13A-S003	57.330	0.000	0.000	14.411	40.064	1.194	1211.310	0.699
13A-S004	57.330	0.000	0.000	36.470	19.486	0.322	217.190	0.340
13A-S005	57.330	0.000	0.000	30.259	24.951	0.649	571.610	0.435
13A-S006	57.330	0.000	0.000	9.561	44.639	0.085	100.482	0.779
13A-S07A	57.330	85.378	0.000	13.223	122.981	0.935	850.570	0.862
13A-S07B	57.330	0.000	0.000	12.655	41.526	0.071	79.867	0.724
13A-S07C	57.330	0.000	0.000	12.739	41.452	0.298	330.701	0.723
13A-S008	57.330	0.000	0.000	16.240	37.964	0.027	32.116	0.662
13A-S009	57.330	0.000	0.000	16.240	37.942	0.099	118.291	0.662
13A-S010	57.330	0.000	0.000	12.739	41.447	0.369	408.158	0.723
13A-S011	57.330	181.820	0.000	10.586	223.396	0.558	610.121	0.934
13A-S012	57.330	56.719	0.000	10.932	97.624	0.283	282.440	0.856
13A-S013	57.330	0.000	0.000	9.723	44.451	0.164	169.824	0.775
13A-S014	57.330	0.000	0.000	9.561	44.637	0.138	163.608	0.779
13A-S015	57.330	0.000	0.000	9.898	44.325	0.151	175.423	0.773
13A-S016	57.330	0.000	0.000	33.471	21.560	0.058	72.567	0.376
13A-S017	57.330	0.000	0.000	27.876	26.870	0.156	183.771	0.469
13A-S018	57.330	0.000	0.000	9.579	44.609	0.125	144.366	0.778
13A-S019	57.330	0.000	0.000	23.035	31.821	0.207	187.380	0.555
13A-S020	57.330	0.000	0.000	9.615	44.584	0.236	268.039	0.778
13A-S021	57.330	0.000	0.000	9.651	44.528	0.223	242.238	0.777
13A-S022	57.330	0.000	0.000	13.139	41.175	0.725	753.334	0.718
13A-S023	57.330	0.000	0.000	24.650	30.353	0.431	382.790	0.529
13A-S024	57.330	0.000	0.000	45.061	10.841	0.240	132.691	0.189
13A-S025	57.330	16.080	0.000	31.270	30.411	6.952	1845.908	0.414
13A-S026	57.330	0.000	0.000	41.363	14.147	1.021	1011.465	0.247
13A-S027	57.330	0.000	0.000	38.894	17.024	2.654	1153.002	0.297
13A-S028	57.330	0.000	0.000	9.561	44.634	0.205	242.191	0.779
13A-S029	57.330	0.000	0.000	47.123	8.671	0.071	55.846	0.151
13A-S030	57.330	0.000	0.000	9.669	44.510	0.200	215.283	0.776
13A-S031	57.330	0.000	0.000	9.723	44.460	0.116	120.096	0.776
13A-S032	57.330	0.000	0.000	10.088	44.102	0.097	114.018	0.769
13A-S033	57.330	13.631	0.000	8.305	57.260	0.109	128.506	0.807
13A-S034	57.330	0.000	0.000	22.096	32.356	0.026	32.812	0.564
13A-S035	57.330	0.000	0.000	29.862	25.603	0.026	19.975	0.447
13A-S036	57.330	0.000	0.000	51.677	4.371	0.003	2.397	0.076
13A-S037	57.330	0.000	0.000	47.325	8.430	0.008	8.900	0.147
13A-S38A	57.330	0.000	0.000	44.185	11.505	0.165	153.612	0.201
13A-S38B	57.330	0.000	0.000	43.981	11.674	0.103	94.973	0.204
13A-S039	57.330	16.310	0.000	8.377	59.795	0.377	348.304	0.812
13A-S040	57.330	0.000	0.000	9.669	44.518	0.125	134.669	0.777
13A-S041	57.330	0.000	0.000	9.579	44.610	0.018	20.649	0.778
13A-S042	57.330	0.000	0.000	9.507	44.695	0.116	144.335	0.780
13A-S043	57.330	0.000	0.000	10.069	44.142	0.128	155.220	0.770
13A-S044	57.330	0.000	0.000	9.489	44.708	0.098	123.544	0.780
13A-S045	57.330	0.000	0.000	9.633	44.557	0.454	505.227	0.777
13A-S46A	57.330	0.000	0.000	11.401	42.764	0.509	498.822	0.746
13A-S46B	57.330	86.605	0.000	11.478	126.626	0.241	234.259	0.880
13A-S047	57.330	0.000	0.000	27.379	27.710	0.693	606.558	0.483
13A-S048	57.330	0.000	0.000	31.927	24.061	0.079	49.978	0.420
13A-S049	57.330	0.000	0.000	9.507	44.685	0.206	253.022	0.779
13A-S050	57.330	0.000	0.000	9.543	44.648	0.116	138.551	0.779
13A-S051	57.330	0.000	0.000	9.507	44.698	0.165	205.928	0.780
13A-S052	57.330	0.000	0.000	10.108	44.082	0.247	285.646	0.769
13A-S053	57.330	0.000	0.000	38.496	17.210	1.974	1141.232	0.300
13A-S054	57.330	0.000	0.000	9.435	44.770	0.036	47.392	0.781
13B-S001	57.330	0.000	0.000	9.525	44.665	0.134	162.212	0.779
13B-S002	57.330	0.000	0.000	8.995	45.204	0.258	308.108	0.788
13B-S003	57.330	0.000	0.000	9.453	44.757	0.094	122.962	0.781

13B-S004	57.330	0.000	0.000	9.597	44.603	0.428	492.863	0.778
13B-S005	57.330	0.000	0.000	9.471	44.731	0.157	200.607	0.780
13B-S006	57.330	0.000	0.000	10.325	43.858	0.237	237.134	0.765
13B-S007	57.330	0.000	0.000	50.269	5.679	0.049	35.329	0.099
13B-S008	57.330	0.000	0.000	10.325	43.846	0.263	261.655	0.765
13B-S009	57.330	0.000	0.000	10.226	43.952	0.123	130.374	0.767
13B-S010	57.330	0.000	0.000	11.540	42.628	0.725	668.250	0.744
13B-S011	57.330	0.000	0.000	42.328	13.560	2.838	1252.649	0.237
13B-S012	57.330	0.000	0.000	16.227	38.091	0.495	530.973	0.664
13B-S013	57.330	0.000	0.000	19.490	35.091	0.712	706.769	0.612
13B-S14A	57.330	4.499	0.000	29.209	19.540	0.207	89.889	0.316
13B-S14B	57.330	0.000	0.000	41.261	14.515	0.077	43.446	0.253
13B-S14C	57.330	0.000	0.000	43.483	12.294	1.169	750.989	0.214
13B-S14D	57.330	0.000	0.000	41.631	14.201	0.125	71.962	0.248
13B-S015	57.330	0.000	0.000	8.946	45.260	0.109	135.964	0.789
13B-S016	57.330	0.000	0.000	9.453	44.747	0.049	63.934	0.781
13B-S017	57.330	0.000	0.000	9.453	44.749	0.040	52.379	0.781
13B-S018	57.330	0.000	0.000	9.471	44.728	0.054	68.567	0.780
13B-S019	57.330	0.000	0.000	10.069	44.139	0.124	149.553	0.770
13B-S020	57.330	0.000	0.000	9.525	44.667	0.130	156.973	0.779
13B-S021	57.330	0.000	0.000	9.043	45.143	0.172	195.142	0.787
13B-S022	57.330	0.000	0.000	42.985	12.716	0.979	758.185	0.222
13B-S023	57.330	0.000	0.000	23.521	31.774	0.048	42.931	0.554
13B-S024	57.330	0.000	0.000	9.507	44.688	0.210	259.086	0.779
13B-S025	57.330	0.000	0.000	11.216	42.970	0.254	273.003	0.750
System	57.330	3.853	0.000	32.827	24.732	35.891	24716.007	0.404

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Node Depth Summary
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Node	Type	Average Depth Meters	Maximum Depth Meters	Maximum HGL Meters	Time of Max Occurrence days hr:min
13A-N001	JUNCTION	0.18	1.35	252.03	0 00:39
13A-N003	JUNCTION	0.15	0.86	251.32	0 01:56
13A-N004	JUNCTION	0.14	0.81	251.33	0 01:56
13A-N005	JUNCTION	0.24	1.31	251.32	0 01:56
13A-N006	JUNCTION	0.13	0.77	251.33	0 01:57
13A-N007	JUNCTION	0.29	1.52	251.32	0 01:54
13A-N008	JUNCTION	0.13	0.75	251.33	0 01:58
13A-N009	JUNCTION	0.12	0.70	251.33	0 01:58
13A-N010	JUNCTION	0.20	0.78	251.33	0 00:34
13A-N011	JUNCTION	0.11	0.69	251.35	0 00:35
13A-N012	JUNCTION	0.21	0.81	251.37	0 00:35
13A-N013	JUNCTION	0.11	0.69	251.39	0 00:35
13A-N014	JUNCTION	0.09	0.62	251.41	0 00:35
13A-N015	JUNCTION	0.07	0.55	251.43	0 00:36
13A-N016	JUNCTION	0.06	0.48	251.45	0 00:36
13A-N017	JUNCTION	0.11	0.54	251.46	0 00:36
13A-N018	JUNCTION	0.07	0.53	251.49	0 00:36
13A-N019	JUNCTION	0.00	0.00	265.38	0 00:00
13A-N020	JUNCTION	0.00	0.11	264.08	0 00:32
13A-N022	JUNCTION	0.01	0.55	263.46	0 00:33
13A-N023	JUNCTION	0.01	0.17	260.68	0 00:32
13A-N024	JUNCTION	0.02	0.62	259.44	0 00:38
13A-N025	JUNCTION	0.03	0.72	257.35	0 00:54
13A-N026	JUNCTION	0.04	0.95	255.96	0 01:01
13A-N027	JUNCTION	0.07	1.19	253.71	0 01:04
13A-N028	JUNCTION	0.01	0.70	259.10	0 00:32
13A-N031	JUNCTION	0.01	0.50	258.33	0 00:33
13A-N032	JUNCTION	0.02	0.68	257.84	0 00:35
13A-N033	JUNCTION	0.01	1.13	257.54	0 00:33
13A-N040	JUNCTION	0.12	1.41	252.51	0 00:45
13A-N043	JUNCTION	0.17	1.45	252.17	0 01:06
13A-N048	JUNCTION	0.18	1.12	251.79	0 00:33
13A-N050	JUNCTION	0.17	1.04	251.71	0 00:33
13A-N052	JUNCTION	0.17	0.96	251.62	0 00:33
13A-N055	JUNCTION	0.12	0.81	251.50	0 00:33
13A-N058	JUNCTION	0.41	1.58	251.49	0 01:29
13A-N059	JUNCTION	0.36	1.67	251.64	0 01:18
13A-N060	JUNCTION	0.48	1.66	251.49	0 01:29
13A-N061	JUNCTION	0.21	1.27	251.49	0 01:29
13A-N062	JUNCTION	0.01	0.38	261.07	0 00:32
13A-N063	JUNCTION	0.01	0.63	258.63	0 00:33
13A-N064	JUNCTION	0.06	0.67	253.21	0 00:35
13A-N065	JUNCTION	0.05	0.58	251.93	0 01:18
13A-N066	JUNCTION	0.24	0.96	251.93	0 01:17
13A-N067	JUNCTION	0.02	0.47	252.20	0 00:39
13A-N069	JUNCTION	0.02	0.46	251.79	0 00:37
13A-N070	JUNCTION	0.03	0.48	251.71	0 00:37
13A-N071	JUNCTION	0.03	0.45	251.62	0 00:37
13A-N072	JUNCTION	0.16	0.79	251.01	0 01:03
13A-N073	JUNCTION	0.01	0.13	251.03	0 01:01
13A-N074	JUNCTION	0.08	0.78	251.36	0 01:16
13A-N075	JUNCTION	0.23	1.08	251.36	0 01:16
13A-N076	JUNCTION	0.28	1.55	251.46	0 01:32
13A-N077	JUNCTION	0.71	1.23	250.66	0 00:40
13A-N079	JUNCTION	0.74	1.17	250.54	0 00:39
13A-N081	JUNCTION	0.05	0.74	250.82	0 00:56
13A-N082	JUNCTION	0.51	1.06	250.72	0 00:37
13A-N084	JUNCTION	0.15	0.73	250.41	0 00:39
13A-N085	JUNCTION	0.04	0.61	250.40	0 00:32
13A-N086	JUNCTION	0.19	0.67	250.23	0 00:34
13A-N087	JUNCTION	0.17	0.51	250.08	0 00:35
13A-N088	JUNCTION	0.04	0.49	250.20	0 00:40
13A-N089	JUNCTION	0.04	0.61	250.58	0 00:41
13A-N090	JUNCTION	0.04	0.78	250.94	0 00:41
13A-N091	JUNCTION	0.02	0.71	251.56	0 00:37
13A-N092	JUNCTION	0.02	0.65	252.31	0 00:35
13A-N093	JUNCTION	0.02	0.60	253.00	0 00:34
13A-N094	JUNCTION	0.02	0.64	253.85	0 00:33
13A-N095	JUNCTION	0.02	0.24	254.88	0 00:46
13A-N096	JUNCTION	0.09	1.36	256.69	0 00:46
13A-N097	JUNCTION	0.02	0.70	253.25	0 00:36
13A-N098	JUNCTION	0.03	0.69	252.30	0 00:46
13A-N099	JUNCTION	0.03	0.48	250.57	0 01:05
13A-N100	JUNCTION	0.07	1.46	253.23	0 01:02
13A-N101	JUNCTION	0.04	0.98	253.63	0 01:01
13A-N102	JUNCTION	0.15	1.30	255.73	0 00:53
13A-N103	JUNCTION	0.05	1.42	257.39	0 00:43
13A-N104	JUNCTION	0.03	1.51	258.33	0 00:32
13A-N105	JUNCTION	0.26	1.31	251.66	0 00:57
13A-N106	JUNCTION	0.05	0.85	251.62	0 00:39
13A-N107	JUNCTION	0.19	0.79	250.82	0 01:04
13A-N108	JUNCTION	0.01	0.20	251.60	0 00:32
13A-N109	JUNCTION	0.21	0.40	251.47	0 00:33
13A-N110	JUNCTION	0.09	0.72	250.93	0 00:33
13A-N111	JUNCTION	0.24	1.08	252.06	0 01:17
13A-N112	JUNCTION	0.84	0.99	249.87	0 00:01
13A-N113	JUNCTION	0.05	0.87	251.24	0 00:49
13A-N114	JUNCTION	0.18	1.06	251.32	0 01:56
13A-N115	JUNCTION	0.68	1.49	250.72	0 01:05
13A-N116	JUNCTION	0.81	1.47	250.84	0 00:36
13A-N117	JUNCTION	0.86	1.60	250.93	0 00:37
13A-N118	JUNCTION	0.18	0.86	250.86	0 00:32
13A-N119	JUNCTION	0.26	1.02	250.95	0 00:33
13A-N121	JUNCTION	0.02	0.65	251.00	0 00:33
13A-N123	JUNCTION	0.01	0.41	251.04	0 00:32
13A-N124	JUNCTION	0.01	0.24	251.16	0 00:32
13A-N125	JUNCTION	0.01	0.37	251.15	0 00:32
13A-N126	JUNCTION	0.39	1.19	250.99	0 00:32
13A-N127	JUNCTION	1.00	1.76	250.95	0 00:36
13A-N128	JUNCTION	2.12	2.88	250.96	0 00:01
13A-N132	JUNCTION	1.36	1.36	249.70	0 00:01
13A-N133	JUNCTION	0.80	0.84	249.75	0 01:12
13A-N134	JUNCTION	0.19	0.72	250.34	0 01:11
13A-N135	JUNCTION	0.24	0.86	250.50	0 01:08
13A-N136	JUNCTION	0.33	0.98	250.53	0 01:07
13A-N137	JUNCTION	0.26	1.04	250.69	0 01:05
13A-N138	JUNCTION	0.71	1.19	250.25	0 01:12
13A-N139	JUNCTION	0.01	0.29	252.39	0 00:32
13A-N140	JUNCTION	0.02	1.21	255.01	0 00:34
13A-N142	JUNCTION	0.12	0.97	251.87	0 01:18
13A-N143	JUNCTION	0.27	1.27	252.07	0 01:18
13A-N144	JUNCTION	0.35	1.62	251.32	0 01:51
13A-N145	JUNCTION	0.33	1.17	250.77	0 01:04
13A-N146	JUNCTION	0.01	0.57	253.00	0 00:33
13A-N147	JUNCTION	0.06	0.97	251.47	0 00:45
13A-N148	JUNCTION	0.39	0.62	249.97	0 00:36
13A-N149	JUNCTION	0.07	0.94	251.14	0 00:58
13A-N150	JUNCTION	0.76	1.10	250.42	0 00:29
13A-N151	JUNCTION	0.05	0.75	251.75	0 00:37
13A-N152	JUNCTION	0.02	0.65	250.87	0 00:32
13A-N153	JUNCTION	0.41	0.65	250.40	0 00:32
13A-N154	JUNCTION	0.35	0.54	250.35	0 00:25
13A-N155	JUNCTION	0.67	1.05	250.46	0 00:33
13A-N156	JUNCTION	0.90	1.24	250.41	0 00:33
13A-N157	JUNCTION	0.65	1.00	250.42	0 00:30
13A-N158	JUNCTION	1.07	1.64	250.64	0 00:00
13A-N159	JUNCTION	0.65	1.00	250.43	0 00:28
13A-N160	JUNCTION	0.11	0.73	253.41	0 01:02

13A-N161	JUNCTION	0.26	1.30	252.76	0	01:06
13A-N162	JUNCTION	0.12	0.84	254.54	0	01:01
13A-N163	JUNCTION	0.21	1.29	252.34	0	01:17
13A-N164	JUNCTION	0.25	1.47	252.32	0	01:17
13A-N165	JUNCTION	0.11	0.98	251.64	0	00:57
13A-N166	JUNCTION	0.05	0.83	255.48	0	00:32
13A-N167	JUNCTION	0.07	0.96	254.66	0	00:30
13A-N168	JUNCTION	0.04	0.41	253.76	0	00:33
13A-N169	JUNCTION	0.03	0.63	255.66	0	00:32
13A-N170	JUNCTION	0.07	0.83	252.13	0	01:18
13A-N171	JUNCTION	2.09	2.81	250.78	0	00:00
13A-N172	JUNCTION	0.07	0.39	250.38	0	00:33
13A-N173	JUNCTION	0.04	0.70	251.13	0	00:33
13A-N174	JUNCTION	0.13	0.77	250.77	0	01:04
13A-N175	JUNCTION	0.09	0.61	250.77	0	01:03
13A-N176	JUNCTION	0.82	1.30	250.25	0	01:12
13A-N180	JUNCTION	0.17	0.88	251.53	0	00:33
13A-N181	JUNCTION	0.18	1.18	251.85	0	00:30
13A-N182	JUNCTION	0.18	1.00	251.40	0	00:32
13A-N185	JUNCTION	0.02	0.43	257.73	0	00:32
13A-N186	JUNCTION	0.01	0.20	259.91	0	00:39
13A-N187	JUNCTION	0.17	1.08	252.13	0	01:19
13A-N188	JUNCTION	0.57	1.05	250.25	0	01:11
13A-N189	JUNCTION	0.04	1.09	262.09	0	00:39
13B-N001	JUNCTION	0.71	1.18	252.30	0	00:38
13B-N002	JUNCTION	0.71	1.19	252.30	0	00:38
13B-N003	JUNCTION	0.02	0.31	252.52	0	00:52
13B-N005	JUNCTION	0.05	0.79	253.43	0	00:56
13B-N006	JUNCTION	0.03	0.88	254.10	0	00:52
13B-N007	JUNCTION	0.03	0.89	254.57	0	00:41
13B-N008	JUNCTION	0.02	0.79	255.16	0	00:39
13B-N009	JUNCTION	0.01	0.79	255.92	0	00:37
13B-N010	JUNCTION	0.01	0.79	257.01	0	00:36
13B-N011	JUNCTION	0.01	0.68	258.77	0	00:35
13B-N012	JUNCTION	0.01	0.79	260.57	0	00:33
13B-N013	JUNCTION	0.01	0.23	257.64	0	00:32
13B-N014	JUNCTION	0.01	0.47	255.92	0	00:32
13B-N015	JUNCTION	0.01	0.65	254.80	0	00:33
13B-N016	JUNCTION	0.02	0.79	253.30	0	00:35
13B-N017	JUNCTION	0.02	0.71	252.99	0	00:42
13B-N018	JUNCTION	0.08	0.76	252.59	0	00:43
13B-N019	JUNCTION	0.07	0.66	252.54	0	00:41
13B-N020	JUNCTION	0.13	0.68	252.43	0	00:54
13B-N021	JUNCTION	0.20	0.70	252.35	0	00:46
13B-N022	JUNCTION	0.34	0.79	252.29	0	00:37
13B-N023	JUNCTION	0.05	1.29	250.66	0	00:37
13B-N024	JUNCTION	0.54	1.15	250.66	0	00:43
13B-N025	JUNCTION	1.05	2.58	252.44	0	00:39
13B-N026	JUNCTION	1.03	1.97	252.23	0	00:55
13B-N027	JUNCTION	1.22	1.87	252.19	0	01:02
13B-N028	JUNCTION	0.27	1.79	253.17	0	01:18
13B-N029	JUNCTION	0.12	1.78	255.13	0	01:02
13B-N030	JUNCTION	0.01	0.08	261.42	0	01:33
13B-N031	JUNCTION	0.03	0.28	262.43	0	01:02
13B-N032	JUNCTION	0.02	0.31	263.27	0	01:15
13B-N033	JUNCTION	0.02	0.36	264.35	0	00:43
13B-N034	JUNCTION	0.15	0.59	267.23	0	00:44
13B-N035	JUNCTION	0.02	0.33	267.10	0	00:42
13B-N036	JUNCTION	0.02	0.52	266.91	0	00:40
13B-N039	JUNCTION	0.04	0.86	264.69	0	00:49
13B-N041	JUNCTION	0.01	0.34	263.89	0	00:32
13B-N042	JUNCTION	0.01	0.23	263.11	0	00:32
13B-N043	JUNCTION	0.03	0.56	263.24	0	00:51
13B-N044	JUNCTION	0.02	0.55	262.44	0	01:02
13B-N045	JUNCTION	0.02	0.86	261.76	0	00:37
13B-N046	JUNCTION	0.06	0.91	261.44	0	01:04
13B-N047	JUNCTION	0.02	0.75	260.13	0	00:40
13B-N048	JUNCTION	0.01	0.14	258.99	0	01:03
13B-N049	JUNCTION	0.02	0.75	258.53	0	00:49
13B-N050	JUNCTION	0.01	0.14	256.36	0	01:04
13B-N051	JUNCTION	0.03	0.76	256.29	0	00:53
13B-N052	JUNCTION	0.06	0.73	254.96	0	01:17
13B-N057	JUNCTION	0.00	0.00	253.10	0	00:00
13B-N058	JUNCTION	0.51	1.32	251.07	0	00:42
13B-N059	JUNCTION	0.01	0.27	261.23	0	00:31
13B-N060	JUNCTION	0.06	2.32	251.71	0	00:37
13B-N061	JUNCTION	0.89	3.80	255.40	0	01:11
13B-N062	JUNCTION	0.75	2.44	254.05	0	01:47
13B-N063	JUNCTION	0.63	1.86	253.50	0	02:15
13B-N064	JUNCTION	0.18	1.24	252.97	0	01:18
13B-N065	JUNCTION	1.06	1.19	251.91	0	00:32
13B-N066	JUNCTION	0.09	1.75	258.84	0	00:19
13B-N067	JUNCTION	0.07	3.46	252.87	0	00:35
13B-N068	JUNCTION	0.94	1.31	252.13	0	01:01
13B-N069	JUNCTION	0.70	1.08	252.26	0	00:34
13B-N070	JUNCTION	0.61	1.46	253.01	0	02:37
13B-N071	JUNCTION	0.53	1.05	252.35	0	00:44
13B-N072	JUNCTION	0.07	0.89	253.18	0	01:06
13B-N073	JUNCTION	0.07	0.62	266.57	0	00:38
13B-N074	JUNCTION	0.03	1.07	266.37	0	00:37
13B-N075	JUNCTION	0.05	0.88	254.68	0	00:58
13B-N076	JUNCTION	0.48	0.50	251.70	0	00:32
13B-N077	JUNCTION	0.39	0.39	251.38	0	00:06
13B-N078	JUNCTION	0.80	0.85	251.83	0	00:34
13B-N079	JUNCTION	1.52	1.56	251.84	0	00:32
13B-N080	JUNCTION	0.99	1.00	251.70	0	00:32
13B-N081	JUNCTION	0.79	2.01	251.85	0	00:41
13B-N082	JUNCTION	0.19	0.20	249.40	0	00:13
13B-N083	JUNCTION	0.01	0.88	261.18	0	00:32
13B-N084	JUNCTION	0.01	0.65	260.71	0	00:33
13B-N085	JUNCTION	0.01	0.70	260.40	0	00:33
13B-N086	JUNCTION	0.01	0.15	259.75	0	00:34
13B-N088	JUNCTION	0.18	0.21	251.46	0	00:15
13B-N089	JUNCTION	0.62	0.63	251.43	0	00:14
13B-N090	JUNCTION	1.52	1.65	251.91	0	00:32
13B-N092	JUNCTION	0.65	0.99	252.19	0	00:33
13B-N093	JUNCTION	0.02	0.25	252.26	0	00:32
13B-N094	JUNCTION	0.24	0.49	252.10	0	00:25
13B-N095	JUNCTION	0.69	1.04	252.19	0	00:33
13B-N096	JUNCTION	1.59	1.71	251.91	0	00:32
13B-N097	JUNCTION	1.61	1.73	251.91	0	00:32
13B-N098	JUNCTION	0.02	0.20	252.60	0	00:32
13B-N099	JUNCTION	0.39	0.39	251.36	0	00:09
13B-N100	JUNCTION	0.71	0.76	251.83	0	00:35
13B-N102	JUNCTION	1.23	1.25	251.82	0	00:33
13B-N103	JUNCTION	0.38	0.39	251.70	0	00:33
13B-N104	JUNCTION	0.99	0.99	251.70	0	00:00
13B-N105	JUNCTION	1.23	1.42	252.08	0	00:00
13B-N106	JUNCTION	0.12	0.97	252.77	0	01:12
13B-N107	JUNCTION	0.70	1.14	252.27	0	00:37
13A-F001	OUTFALL	2.20	2.20	250.20	0	00:00
13A-F002	OUTFALL	2.20	2.20	250.06	0	00:00
13A-F003	OUTFALL	0.90	0.90	249.72	0	00:00
13A-F004	OUTFALL	1.31	1.31	250.04	0	00:00
13A-F005	OUTFALL	2.04	2.04	250.04	0	00:00
13B-F001	OUTFALL	1.33	1.33	251.81	0	00:00
13B-F002	OUTFALL	1.32	1.32	251.89	0	00:00

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Node InFlow Summary
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Node	Type	Maximum Lateral Inflow LPS	Maximum Total Inflow LPS	Time of Max Occurrence days hr:min	Lateral Inflow Volume 10^6 ltr	Total Inflow Volume 10^6 ltr
13A-N001	JUNCTION	348.30	384.68	0 00:32	0.377	0.674
13A-N003	JUNCTION	0.00	170.95	0 00:34	0.000	0.324
13A-N004	JUNCTION	0.00	171.45	0 00:33	0.000	0.321
13A-N005	JUNCTION	0.00	127.44	0 03:16	0.000	0.558
13A-N006	JUNCTION	0.00	171.99	0 00:33	0.000	0.318
13A-N007	JUNCTION	0.00	192.15	0 00:34	0.000	0.869
13A-N008	JUNCTION	128.51	172.71	0 00:33	0.109	0.319
13A-N009	JUNCTION	0.00	97.67	0 00:39	0.000	0.210
13A-N010	JUNCTION	0.00	97.20	0 00:39	0.000	0.209
13A-N011	JUNCTION	0.00	96.74	0 00:40	0.000	0.208
13A-N012	JUNCTION	0.00	96.38	0 00:40	0.000	0.207
13A-N013	JUNCTION	0.00	95.98	0 00:40	0.000	0.207
13A-N014	JUNCTION	0.00	95.56	0 00:40	0.000	0.206
13A-N015	JUNCTION	0.00	95.24	0 00:41	0.000	0.205
13A-N016	JUNCTION	0.00	94.97	0 00:41	0.000	0.205
13A-N017	JUNCTION	0.00	94.72	0 00:41	0.000	0.204
13A-N018	JUNCTION	0.00	95.88	0 00:31	0.000	0.203
13A-N019	JUNCTION	0.00	0.00	0 00:00	0.000	0.000
13A-N020	JUNCTION	144.33	144.33	0 00:32	0.116	0.116
13A-N022	JUNCTION	123.54	265.59	0 00:32	0.098	0.215
13A-N023	JUNCTION	47.39	137.40	0 00:32	0.036	0.251
13A-N024	JUNCTION	285.65	422.34	0 00:32	0.247	0.498
13A-N025	JUNCTION	0.00	226.04	0 00:28	0.000	0.497
13A-N026	JUNCTION	0.00	202.57	0 00:28	0.000	0.498
13A-N027	JUNCTION	0.00	185.25	0 00:29	0.000	0.498
13A-N028	JUNCTION	205.93	205.93	0 00:32	0.165	0.165
13A-N031	JUNCTION	0.00	190.36	0 00:32	0.000	0.166

13A-N032	JUNCTION	155.22	155.22	0	00:32	0.128	0.128
13A-N033	JUNCTION	0.00	289.61	0	00:32	0.000	0.294
13A-N040	JUNCTION	0.00	238.74	0	00:33	0.000	0.295
13A-N043	JUNCTION	0.00	100.10	0	00:36	0.000	0.298
13A-N048	JUNCTION	0.00	133.60	0	00:24	0.000	0.456
13A-N050	JUNCTION	0.00	126.71	0	00:24	0.000	0.456
13A-N052	JUNCTION	0.00	121.67	0	00:25	0.000	0.456
13A-N055	JUNCTION	0.00	120.88	0	00:26	0.000	0.457
13A-N058	JUNCTION	0.00	18.63	0	00:33	0.000	0.027
13A-N059	JUNCTION	0.00	448.51	0	01:12	0.000	2.592
13A-N060	JUNCTION	234.11	577.98	0	00:32	0.213	2.953
13A-N061	JUNCTION	20.65	20.65	0	00:32	0.018	0.019
13A-N062	JUNCTION	253.02	253.02	0	00:32	0.206	0.206
13A-N063	JUNCTION	0.00	241.00	0	00:32	0.000	0.205
13A-N064	JUNCTION	0.00	179.44	0	00:32	0.000	0.206
13A-N065	JUNCTION	0.00	179.20	0	00:35	0.000	0.205
13A-N066	JUNCTION	0.00	448.22	0	01:14	0.000	2.366
13A-N067	JUNCTION	215.28	215.28	0	00:32	0.200	0.200
13A-N069	JUNCTION	0.00	98.67	0	00:32	0.000	0.200
13A-N070	JUNCTION	0.00	97.92	0	00:32	0.000	0.200
13A-N071	JUNCTION	0.00	97.10	0	00:32	0.000	0.201
13A-N072	JUNCTION	2.40	729.52	0	01:37	0.003	5.584
13A-N073	JUNCTION	0.00	51.73	0	00:32	0.000	0.071
13A-N074	JUNCTION	0.00	76.55	0	00:58	0.000	0.094
13A-N075	JUNCTION	19.97	770.86	0	00:57	0.026	5.540
13A-N076	JUNCTION	0.00	570.02	0	00:32	0.000	2.624
13A-N077	JUNCTION	100.48	290.81	0	00:32	0.085	5.281
13A-N079	JUNCTION	0.00	199.10	0	00:50	0.000	5.286
13A-N081	JUNCTION	302.04	302.04	0	00:33	0.399	0.399
13A-N082	JUNCTION	0.00	461.64	0	00:33	0.000	5.589
13A-N084	JUNCTION	0.00	107.99	0	01:06	0.000	0.400
13A-N085	JUNCTION	163.61	163.61	0	00:32	0.138	0.539
13A-N086	JUNCTION	0.00	151.70	0	00:30	0.000	0.546
13A-N087	JUNCTION	0.00	313.51	0	00:34	0.000	1.164
13A-N088	JUNCTION	0.00	171.02	0	00:43	0.000	0.599
13A-N089	JUNCTION	0.00	170.94	0	00:42	0.000	0.597
13A-N090	JUNCTION	0.00	233.00	0	00:33	0.000	0.597
13A-N091	JUNCTION	0.00	244.05	0	00:33	0.000	0.597
13A-N092	JUNCTION	0.00	255.77	0	00:31	0.000	0.597
13A-N093	JUNCTION	0.00	265.75	0	00:32	0.000	0.597
13A-N094	JUNCTION	242.19	409.85	0	00:32	0.205	0.930
13A-N095	JUNCTION	0.00	187.87	0	00:46	0.000	0.725
13A-N096	JUNCTION	753.33	753.33	0	00:32	0.725	0.725
13A-N097	JUNCTION	268.04	268.04	0	00:32	0.236	0.236
13A-N098	JUNCTION	0.00	141.09	0	00:35	0.000	0.237
13A-N099	JUNCTION	0.00	326.05	0	00:46	0.000	1.095
13A-N100	JUNCTION	0.00	169.46	0	00:38	0.000	0.433
13A-N101	JUNCTION	0.00	169.74	0	00:37	0.000	0.432
13A-N102	JUNCTION	0.00	193.50	0	00:30	0.000	0.432
13A-N103	JUNCTION	0.00	331.40	0	00:31	0.000	0.431
13A-N104	JUNCTION	382.79	382.79	0	00:32	0.431	0.431
13A-N105	JUNCTION	8.90	1343.95	0	01:18	0.008	6.897
13A-N106	JUNCTION	0.00	260.66	0	00:33	0.000	0.766
13A-N107	JUNCTION	0.00	729.58	0	01:37	0.000	5.583
13A-N108	JUNCTION	55.85	55.85	0	00:32	0.071	0.071
13A-N109	JUNCTION	72.57	72.57	0	00:32	0.058	0.058
13A-N110	JUNCTION	498.82	498.82	0	00:32	0.509	0.509
13A-N111	JUNCTION	0.00	447.86	0	01:14	0.000	2.386
13A-N112	JUNCTION	0.00	900.25	0	00:00	0.000	1.726
13A-N113	JUNCTION	187.38	486.05	0	00:32	0.207	1.102
13A-N114	JUNCTION	0.00	170.49	0	00:34	0.000	0.383
13A-N115	JUNCTION	0.00	1026.46	0	01:02	0.000	9.272
13A-N116	JUNCTION	0.00	464.79	0	00:32	0.000	5.586
13A-N117	JUNCTION	0.00	469.53	0	00:32	0.000	5.302
13A-N118	JUNCTION	0.00	298.63	0	00:32	0.000	0.305
13A-N119	JUNCTION	32.12	130.60	0	00:32	0.027	0.133
13A-N121	JUNCTION	0.00	106.83	0	00:32	0.000	0.098
13A-N123	JUNCTION	0.00	116.68	0	00:32	0.000	0.098
13A-N124	JUNCTION	118.29	118.29	0	00:32	0.099	0.099
13A-N125	JUNCTION	408.16	408.16	0	00:32	0.369	0.369
13A-N126	JUNCTION	0.00	386.46	0	00:32	0.000	0.395
13A-N127	JUNCTION	0.00	831.40	0	00:32	0.000	6.238
13A-N128	JUNCTION	0.00	7479.59	0	00:00	0.000	6.236
13A-N132	JUNCTION	0.00	2257.49	0	01:12	0.000	63.746
13A-N133	JUNCTION	0.00	1857.81	0	01:12	0.000	42.496
13A-N134	JUNCTION	0.00	1006.48	0	01:04	0.000	9.266
13A-N135	JUNCTION	0.00	1006.89	0	01:04	0.000	9.262
13A-N136	JUNCTION	0.00	1007.01	0	01:04	0.000	9.261
13A-N137	JUNCTION	0.00	1014.59	0	01:02	0.000	9.260
13A-N138	JUNCTION	0.00	325.00	0	00:48	0.000	1.155
13A-N139	JUNCTION	0.00	178.94	0	00:35	0.000	0.206
13A-N140	JUNCTION	0.00	224.32	0	00:31	0.000	0.205
13A-N142	JUNCTION	273.22	449.72	0	01:01	0.241	2.591
13A-N143	JUNCTION	132.69	1457.59	0	01:00	0.240	7.397
13A-N144	JUNCTION	0.00	649.73	0	00:32	0.000	3.309
13A-N145	JUNCTION	0.00	1035.34	0	01:01	0.000	9.266
13A-N146	JUNCTION	144.37	144.37	0	00:32	0.125	0.125
13A-N147	JUNCTION	0.00	370.98	0	00:33	0.000	0.894
13A-N148	JUNCTION	0.00	416.42	0	00:36	0.000	1.641
13A-N149	JUNCTION	242.24	347.00	0	00:32	0.223	0.461
13A-N150	JUNCTION	0.00	1012.66	0	00:33	0.000	6.245
13A-N151	JUNCTION	0.00	632.45	0	00:32	0.000	1.013
13A-N152	JUNCTION	330.70	330.70	0	00:32	0.299	0.299
13A-N153	JUNCTION	0.00	268.46	0	00:37	0.000	0.415
13A-N154	JUNCTION	79.87	324.15	0	00:32	0.071	0.452
13A-N155	JUNCTION	850.57	850.57	0	00:33	0.935	0.942
13A-N156	JUNCTION	0.00	1003.87	0	00:00	0.000	6.982
13A-N157	JUNCTION	0.00	508.68	0	00:28	0.000	0.855
13A-N158	JUNCTION	282.44	2359.76	0	00:00	0.283	7.341
13A-N159	JUNCTION	1211.31	1211.31	0	00:32	1.194	1.216
13A-N160	JUNCTION	0.00	1843.27	0	01:01	0.000	6.956
13A-N161	JUNCTION	0.00	1825.21	0	01:02	0.000	6.966
13A-N162	JUNCTION	1845.91	1845.91	0	01:01	6.952	6.952
13A-N163	JUNCTION	0.00	1735.20	0	01:08	0.000	6.975
13A-N164	JUNCTION	0.00	1484.37	0	01:06	0.000	6.965
13A-N165	JUNCTION	183.77	624.24	0	01:18	0.156	1.620
13A-N166	JUNCTION	0.00	1133.15	0	00:32	0.000	1.975
13A-N167	JUNCTION	0.00	1048.78	0	00:32	0.000	1.978
13A-N168	JUNCTION	0.00	366.64	0	00:38	0.000	1.214
13A-N169	JUNCTION	1141.23	1141.23	0	00:32	1.974	1.974
13A-N170	JUNCTION	0.00	391.06	0	00:39	0.000	1.282
13A-N171	JUNCTION	0.00	7877.88	0	00:00	0.000	8.105
13A-N172	JUNCTION	610.12	610.12	0	00:33	0.559	0.570
13A-N173	JUNCTION	49.98	49.98	0	00:38	0.079	0.079
13A-N174	JUNCTION	0.00	629.22	0	00:33	0.000	0.764
13A-N175	JUNCTION	234.26	234.26	0	00:33	0.241	0.241
13A-N176	JUNCTION	0.00	1307.68	0	01:06	0.000	10.611
13A-N180	JUNCTION	0.00	120.90	0	00:26	0.000	0.457
13A-N181	JUNCTION	0.00	199.21	0	00:39	0.000	0.674
13A-N182	JUNCTION	0.00	170.99	0	01:26	0.000	0.776
13A-N185	JUNCTION	606.56	675.86	0	00:32	0.693	1.014
13A-N186	JUNCTION	217.19	217.19	0	00:39	0.322	0.322
13A-N187	JUNCTION	0.00	330.93	0	01:19	0.000	1.255
13A-N188	JUNCTION	0.00	325.73	0	00:47	0.000	1.107
13A-N189	JUNCTION	0.00	226.61	0	00:31	0.000	0.215
13B-N001	JUNCTION	261.66	261.66	0	00:32	0.263	3.549
13B-N002	JUNCTION	130.37	494.05	0	00:32	0.123	4.575
13B-N003	JUNCTION	0.00	12.18	0	00:39	0.000	0.011
13B-N005	JUNCTION	0.00	142.51	0	00:32	0.000	0.320
13B-N006	JUNCTION	0.00	154.83	0	00:41	0.000	0.320
13B-N007	JUNCTION	135.96	293.06	0	00:32	0.109	0.320
13B-N008	JUNCTION	0.00	164.87	0	00:37	0.000	0.211
13B-N009	JUNCTION	0.00	186.19	0	00:32	0.000	0.211
13B-N010	JUNCTION	0.00	200.46	0	00:34	0.000	0.210
13B-N011	JUNCTION	0.00	216.23	0	00:31	0.000	0.210
13B-N012	JUNCTION	259.09	259.09	0	00:32	0.210	0.210
13B-N013	JUNCTION	200.61	200.61	0	00:32	0.157	0.157
13B-N014	JUNCTION	0.00	198.57	0	00:32	0.000	0.157
13B-N015	JUNCTION	0.00	183.43	0	00:31	0.000	0.157
13B-N016	JUNCTION	0.00	171.76	0	00:33	0.000	0.157
13B-N017	JUNCTION	0.00	112.38	0	00:30	0.000	0.157
13B-N018	JUNCTION	0.00	107.83	0	00:33	0.000	0.158
13B-N019	JUNCTION	195.14	195.14	0	00:32	0.172	0.184
13B-N020	JUNCTION	0.00	51.55	0	00:39	0.000	0.173
13B-N021	JUNCTION	0.00	49.81	0	01:14	0.000	0.174
13B-N022	JUNCTION	0.00	49.94	0	01:14	0.000	0.174
13B-N023	JUNCTION	0.00	428.00	0	00:34	0.000	0.622
13B-N024	JUNCTION	0.00	195.60	0	00:39	0.000	7.214
13B-N025	JUNCTION	706.77	706.77	0	00:32	0.712	7.414
13B-N026	JUNCTION	0.00	147.06	0	00:11	0.000	6.811
13B-N027	JUNCTION	0.00	172.32	0	00:09	0.000	6.813
13B-N028	JUNCTION	0.00	31.73	0	00:31	0.000	0.127
13B-N029	JUNCTION	0.00	42.31	0	00:19	0.000	0.125
13B-N030	JUNCTION	0.00	27.07	0	01:02	0.000	0.143
13B-N031	JUNCTION	63.93	89.93	0	00:32	0.049	0.143
13B-N032	JUNCTION	0.00	26.98	0	00:25	0.000	0.094
13B-N033	JUNCTION	120.95	120.95	0	00:32	0.094	0.094
13B-N034	JUNCTION	149.55	149.55	0	00:32	0.124	0.124
13B-N035	JUNCTION	0.00	41.74	0	00:26	0.000	0.123
13B-N036	JUNCTION	0.00	40.88	0	00:26	0.000	0.123
13B-N039	JUNCTION	122.96	287.30	0	00:32	0.094	0.471
13B-N041	JUNCTION	162.21	162.21	0	00:32	0.134	0.134
13B-N042	JUNCTION	0.00	154.78	0	00:32	0.000	0.134
13B-N043	JUNCTION	0.00	173.29	0	00:28	0.000	0.472
13B-N044	JUNCTION	0.00	171.38	0	00:28	0.000	0.472
13B-N045	JUNCTION	308.11	460.20	0	00:32	0.258	0.392

13B-N046	JUNCTION	0.00	167.80	0	00:36	0.000	0.472
13B-N047	JUNCTION	0.00	218.39	0	00:30	0.000	0.392
13B-N048	JUNCTION	0.00	113.73	0	01:04	0.000	0.473
13B-N049	JUNCTION	0.00	212.02	0	00:36	0.000	0.392
13B-N050	JUNCTION	0.00	113.74	0	01:04	0.000	0.473
13B-N051	JUNCTION	0.00	189.56	0	00:41	0.000	0.392
13B-N052	JUNCTION	0.00	113.72	0	01:04	0.000	0.473
13B-N057	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
13B-N058	JUNCTION	0.00	196.62	0	00:36	0.000	7.218
13B-N059	JUNCTION	492.86	492.86	0	00:32	0.428	0.428
13B-N060	JUNCTION	0.00	458.07	0	00:33	0.000	0.624
13B-N061	JUNCTION	1252.65	1252.65	0	00:32	2.839	2.840
13B-N062	JUNCTION	0.00	430.64	0	01:05	0.000	2.840
13B-N063	JUNCTION	0.00	239.47	0	01:34	0.000	3.045
13B-N064	JUNCTION	0.00	203.20	0	00:26	0.000	0.868
13B-N065	JUNCTION	0.00	508.36	0	00:08	0.000	5.566
13B-N066	JUNCTION	0.00	390.66	0	00:32	0.000	0.420
13B-N067	JUNCTION	530.97	632.32	0	00:32	0.495	0.624
13B-N068	JUNCTION	35.33	322.81	0	00:32	0.049	8.243
13B-N069	JUNCTION	0.00	174.30	0	02:43	0.000	3.560
13B-N070	JUNCTION	668.25	668.25	0	00:32	0.725	3.770
13B-N071	JUNCTION	0.00	272.07	0	00:56	0.000	1.492
13B-N072	JUNCTION	0.00	150.63	0	00:28	0.000	0.464
13B-N073	JUNCTION	0.00	40.79	0	01:02	0.000	0.123
13B-N074	JUNCTION	273.00	304.21	0	00:32	0.254	0.377
13B-N075	JUNCTION	0.00	252.58	0	00:29	0.000	0.866
13B-N076	JUNCTION	0.00	263.11	0	00:06	0.000	10.848
13B-N077	JUNCTION	0.00	521.82	0	00:34	0.000	27.220
13B-N078	JUNCTION	0.00	591.52	0	00:19	0.000	16.789
13B-N079	JUNCTION	0.00	2355.73	0	00:04	0.000	27.173
13B-N080	JUNCTION	0.00	431.00	0	00:01	0.000	10.717
13B-N081	JUNCTION	0.00	203.12	0	00:27	0.000	7.228
13B-N082	JUNCTION	0.00	619.00	0	00:37	0.000	7.825
13B-N083	JUNCTION	156.97	156.97	0	00:32	0.130	0.130
13B-N084	JUNCTION	0.00	141.84	0	00:32	0.000	0.129
13B-N085	JUNCTION	0.00	133.63	0	00:32	0.000	0.129
13B-N086	JUNCTION	0.00	130.77	0	00:33	0.000	0.129
13B-N088	JUNCTION	0.00	102.07	0	00:13	0.000	0.045
13B-N089	JUNCTION	0.00	270.27	0	00:31	0.000	12.184
13B-N090	JUNCTION	0.00	740.69	0	00:08	0.000	16.321
13B-N092	JUNCTION	0.00	551.73	0	00:33	0.000	4.568
13B-N093	JUNCTION	237.13	237.13	0	00:32	0.237	0.237
13B-N094	JUNCTION	758.18	1260.87	0	00:32	0.979	2.645
13B-N095	JUNCTION	0.00	361.29	0	00:17	0.000	3.596
13B-N096	JUNCTION	0.00	1054.85	0	00:06	0.000	14.962
13B-N097	JUNCTION	750.99	1454.61	0	00:07	1.169	17.725
13B-N098	JUNCTION	89.89	89.89	0	00:32	0.207	0.207
13B-N099	JUNCTION	43.45	92.21	0	00:32	0.077	2.700
13B-N100	JUNCTION	71.96	179.17	0	00:14	0.125	0.282
13B-N102	JUNCTION	0.00	2984.41	0	00:03	0.000	26.413
13B-N103	JUNCTION	0.00	612.58	0	00:00	0.000	10.731
13B-N104	JUNCTION	0.00	541.79	0	00:00	0.000	16.892
13B-N105	JUNCTION	0.00	4140.71	0	00:00	0.000	16.942
13B-N106	JUNCTION	0.00	106.39	0	01:04	0.000	0.465
13B-N107	JUNCTION	0.00	219.38	0	00:42	0.000	3.647
13A-F001	OUTFALL	0.00	7479.59	0	00:00	0.000	6.435
13A-F002	OUTFALL	0.00	7877.88	0	00:00	0.000	8.100
13A-F003	OUTFALL	0.00	900.25	0	00:00	0.000	1.768
13A-F004	OUTFALL	0.00	819.59	0	00:00	0.000	32.100
13A-F005	OUTFALL	0.00	701.66	0	00:00	0.000	21.593
13B-F001	OUTFALL	0.00	2984.41	0	00:03	0.000	26.415
13B-F002	OUTFALL	0.00	4140.71	0	00:00	0.000	16.964

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Node Surcharge Summary
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Surcharging occurs when water rises above the top of the highest conduit.

Node	Type	Hours Surcharged	Max. Height Above Crown Meters	Min. Depth Below Rim Meters
13A-N001	JUNCTION	2.43	0.951	0.000
13A-N003	JUNCTION	2.77	0.365	0.035
13A-N004	JUNCTION	2.64	0.305	0.000
13A-N005	JUNCTION	3.02	0.815	0.000
13A-N006	JUNCTION	2.54	0.265	0.005
13A-N007	JUNCTION	3.12	1.024	0.000
13A-N008	JUNCTION	2.49	0.245	0.055
13A-N009	JUNCTION	2.36	0.195	0.055
13A-N010	JUNCTION	2.58	0.279	0.121
13A-N011	JUNCTION	2.28	0.191	0.209
13A-N012	JUNCTION	2.22	0.189	0.241
13A-N013	JUNCTION	2.17	0.187	0.463
13A-N014	JUNCTION	1.25	0.120	0.180
13A-N015	JUNCTION	0.37	0.051	0.129
13A-N017	JUNCTION	0.36	0.045	0.055
13A-N018	JUNCTION	0.11	0.027	0.073
13A-N022	JUNCTION	0.06	0.251	0.000
13A-N024	JUNCTION	0.43	0.321	0.000
13A-N025	JUNCTION	0.55	0.370	0.000
13A-N026	JUNCTION	0.62	0.653	0.000
13A-N027	JUNCTION	0.89	0.788	0.000
13A-N028	JUNCTION	0.08	0.401	0.000
13A-N032	JUNCTION	0.34	0.488	0.000
13A-N033	JUNCTION	0.05	0.299	0.331
13A-N040	JUNCTION	1.58	1.112	0.000
13A-N043	JUNCTION	2.58	1.147	0.000
13A-N048	JUNCTION	2.44	0.721	0.039
13A-N050	JUNCTION	2.43	0.636	0.124
13A-N052	JUNCTION	2.42	0.561	0.269
13A-N055	JUNCTION	2.24	0.407	0.293
13A-N058	JUNCTION	3.18	1.177	0.173
13A-N059	JUNCTION	2.72	0.772	0.028
13A-N060	JUNCTION	2.72	0.617	0.143
13A-N061	JUNCTION	2.99	0.868	0.392
13A-N062	JUNCTION	0.02	0.084	0.216
13A-N063	JUNCTION	0.04	0.280	0.120
13A-N064	JUNCTION	0.16	0.324	0.076
13A-N065	JUNCTION	0.64	0.079	0.521
13A-N067	JUNCTION	0.42	0.166	0.000
13A-N069	JUNCTION	0.33	0.063	0.237
13A-N070	JUNCTION	0.18	0.030	0.330
13A-N071	JUNCTION	0.34	0.055	0.345
13A-N074	JUNCTION	1.26	0.227	0.000
13A-N075	JUNCTION	1.26	0.227	0.073
13A-N076	JUNCTION	2.95	0.750	0.000
13A-N077	JUNCTION	14.95	0.697	0.000
13A-N079	JUNCTION	14.97	0.673	0.077
13A-N081	JUNCTION	1.13	0.444	0.000
13A-N082	JUNCTION	0.31	0.108	0.092
13A-N084	JUNCTION	1.17	0.331	0.000
13A-N085	JUNCTION	0.63	0.205	0.045
13A-N086	JUNCTION	1.09	0.275	0.025
13A-N088	JUNCTION	0.56	0.076	0.104
13A-N089	JUNCTION	0.57	0.212	0.048
13A-N090	JUNCTION	0.60	0.383	0.000
13A-N091	JUNCTION	0.21	0.307	0.000
13A-N092	JUNCTION	0.11	0.252	0.000
13A-N093	JUNCTION	0.08	0.204	0.116
13A-N094	JUNCTION	0.05	0.102	0.075
13A-N096	JUNCTION	1.15	1.121	0.000
13A-N097	JUNCTION	0.28	0.403	0.000
13A-N098	JUNCTION	0.50	0.392	0.000
13A-N100	JUNCTION	0.70	1.064	0.000
13A-N101	JUNCTION	0.63	0.579	0.221
13A-N102	JUNCTION	0.56	0.903	0.000
13A-N103	JUNCTION	0.55	0.985	0.000
13A-N104	JUNCTION	0.52	1.105	0.000
13A-N106	JUNCTION	0.72	0.354	0.206
13A-N109	JUNCTION	0.11	0.005	0.000
13A-N111	JUNCTION	1.30	0.405	0.215
13A-N113	JUNCTION	0.84	0.366	0.000
13A-N114	JUNCTION	2.89	0.565	0.000
13A-N116	JUNCTION	0.78	0.597	0.053
13A-N117	JUNCTION	14.89	0.799	0.000
13A-N119	JUNCTION	0.47	0.522	0.578
13A-N121	JUNCTION	0.25	0.152	0.998
13A-N126	JUNCTION	0.37	0.391	0.559
13A-N127	JUNCTION	0.69	0.662	0.038
13A-N128	JUNCTION	14.96	0.883	0.017
13A-N132	JUNCTION	14.98	0.100	0.000
13A-N140	JUNCTION	0.11	0.411	0.000
13A-N142	JUNCTION	0.64	0.070	0.130
13A-N144	JUNCTION	3.02	0.824	0.000
13A-N146	JUNCTION	0.09	0.274	0.000
13A-N147	JUNCTION	0.77	0.340	0.000
13A-N149	JUNCTION	1.20	0.637	0.000
13A-N150	JUNCTION	0.29	0.040	0.000
13A-N153	JUNCTION	0.67	0.110	0.000
13A-N154	JUNCTION	0.59	0.000	0.000
13A-N156	JUNCTION	0.52	0.208	0.392
13A-N157	JUNCTION	0.18	0.005	0.375
13A-N158	JUNCTION	14.99	0.740	0.060

13A-N159	JUNCTION	0.27	0.000	0.000
13A-N165	JUNCTION	0.84	0.000	0.000
13A-N167	JUNCTION	0.61	0.000	0.000
13A-N171	JUNCTION	14.99	0.810	0.000
13A-N173	JUNCTION	0.60	0.500	0.000
13A-N180	JUNCTION	2.38	0.480	0.290
13A-N181	JUNCTION	2.45	0.780	0.000
13A-N182	JUNCTION	2.65	0.500	0.000
13A-N189	JUNCTION	0.53	0.492	0.000
13B-N001	JUNCTION	6.76	0.480	0.210
13B-N002	JUNCTION	4.35	0.405	0.000
13B-N003	JUNCTION	0.91	0.118	0.000
13B-N005	JUNCTION	1.11	0.490	0.000
13B-N006	JUNCTION	0.52	0.500	0.000
13B-N007	JUNCTION	0.50	0.593	0.000
13B-N008	JUNCTION	0.24	0.492	0.000
13B-N009	JUNCTION	0.17	0.495	0.000
13B-N010	JUNCTION	0.12	0.486	0.000
13B-N011	JUNCTION	0.08	0.381	0.099
13B-N012	JUNCTION	0.08	0.486	0.000
13B-N014	JUNCTION	0.03	0.170	0.230
13B-N015	JUNCTION	0.06	0.355	0.045
13B-N016	JUNCTION	0.23	0.427	0.000
13B-N017	JUNCTION	0.37	0.392	0.000
13B-N018	JUNCTION	1.20	0.463	0.000
13B-N019	JUNCTION	0.97	0.356	0.000
13B-N020	JUNCTION	1.82	0.377	0.000
13B-N021	JUNCTION	3.79	0.381	0.000
13B-N022	JUNCTION	6.63	0.441	0.159
13B-N023	JUNCTION	0.29	0.789	1.161
13B-N024	JUNCTION	14.74	0.749	2.001
13B-N025	JUNCTION	14.81	2.179	0.000
13B-N026	JUNCTION	14.81	1.572	0.000
13B-N027	JUNCTION	14.84	1.474	0.000
13B-N028	JUNCTION	6.95	1.641	0.000
13B-N029	JUNCTION	1.11	1.627	0.000
13B-N031	JUNCTION	1.41	0.164	0.000
13B-N032	JUNCTION	0.90	0.187	0.000
13B-N033	JUNCTION	0.85	0.245	0.000
13B-N034	JUNCTION	1.01	0.385	0.000
13B-N035	JUNCTION	0.68	0.132	0.218
13B-N036	JUNCTION	0.80	0.316	0.084
13B-N039	JUNCTION	0.61	0.509	0.000
13B-N041	JUNCTION	0.02	0.044	0.306
13B-N043	JUNCTION	0.59	0.263	0.187
13B-N044	JUNCTION	0.58	0.245	0.255
13B-N045	JUNCTION	0.33	0.559	0.000
13B-N046	JUNCTION	1.10	0.606	0.000
13B-N047	JUNCTION	0.33	0.450	0.000
13B-N049	JUNCTION	0.40	0.347	0.000
13B-N051	JUNCTION	0.50	0.460	0.000
13B-N052	JUNCTION	1.27	0.430	0.000
13B-N058	JUNCTION	14.73	0.922	1.378
13B-N059	JUNCTION	0.04	0.000	0.000
13B-N060	JUNCTION	0.40	1.824	0.596
13B-N061	JUNCTION	6.80	3.397	0.000
13B-N062	JUNCTION	6.77	1.944	0.000
13B-N063	JUNCTION	6.77	1.463	0.000
13B-N064	JUNCTION	1.92	0.939	0.000
13B-N066	JUNCTION	0.75	1.478	0.000
13B-N067	JUNCTION	0.17	0.959	0.000
13B-N068	JUNCTION	14.74	0.613	0.000
13B-N069	JUNCTION	6.81	0.444	0.423
13B-N070	JUNCTION	6.78	1.061	0.000
13B-N071	JUNCTION	4.37	0.448	0.000
13B-N072	JUNCTION	1.12	0.365	0.000
13B-N073	JUNCTION	0.54	0.371	0.029
13B-N074	JUNCTION	0.35	0.466	0.000
13B-N075	JUNCTION	0.89	0.436	0.000
13B-N077	JUNCTION	14.89	0.000	0.000
13B-N081	JUNCTION	14.79	1.613	0.347
13B-N083	JUNCTION	0.09	0.581	1.116
13B-N084	JUNCTION	0.08	0.309	1.948
13B-N085	JUNCTION	0.11	0.292	1.735
13B-N089	JUNCTION	14.75	0.000	0.000
13B-N090	JUNCTION	0.96	0.098	0.192
13B-N092	JUNCTION	0.94	0.067	0.213
13B-N094	JUNCTION	1.78	0.000	0.000
13B-N095	JUNCTION	2.12	0.119	0.111
13B-N096	JUNCTION	14.72	0.159	0.191
13B-N097	JUNCTION	14.73	0.177	0.113
13B-N099	JUNCTION	14.84	0.000	0.000
13B-N100	JUNCTION	14.80	0.250	0.000
13B-N104	JUNCTION	14.87	0.000	0.000
13B-N106	JUNCTION	1.25	0.467	0.000
13B-N107	JUNCTION	7.24	0.537	0.133

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Node Flooding Summary
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Flooding refers to all water that overflows a node, whether it ponds or not.

Node	Hours Flooded	Maximum Rate LPS	Time of Max Occurrence days	hr:min	Total Flood Volume 10^6 ltr	Maximum Ponded Volume ha-mm
13A-N001	1.23	415.47	0	00:24	0.091	9.06
13A-N004	0.34	7.99	0	01:49	0.003	0.26
13A-N005	2.70	374.05	0	03:16	0.182	18.23
13A-N007	2.75	191.07	0	00:34	0.212	21.20
13A-N022	0.02	446.34	0	00:32	0.001	0.07
13A-N024	0.42	200.38	0	00:32	0.051	5.05
13A-N025	0.53	162.80	0	00:29	0.035	3.50
13A-N026	0.59	291.42	0	00:29	0.027	2.67
13A-N027	0.82	292.11	0	00:28	0.094	9.41
13A-N028	0.02	294.50	0	00:31	0.001	0.05
13A-N032	0.27	274.30	0	00:29	0.015	1.51
13A-N040	0.77	173.27	0	00:26	0.081	8.11
13A-N043	1.23	89.20	0	00:24	0.099	9.86
13A-N067	0.41	116.82	0	00:32	0.033	3.32
13A-N074	1.10	109.65	0	00:55	0.039	3.86
13A-N076	1.04	26.49	0	01:01	0.025	2.52
13A-N077	0.34	148.62	0	00:30	0.038	3.84
13A-N081	1.12	584.21	0	00:26	0.172	17.19
13A-N084	0.56	351.24	0	00:30	0.015	1.54
13A-N090	0.51	195.24	0	00:31	0.031	3.15
13A-N091	0.11	150.79	0	00:32	0.003	0.34
13A-N092	0.06	181.36	0	00:33	0.001	0.08
13A-N096	1.08	587.58	0	00:32	0.281	28.07
13A-N097	0.26	1573.04	0	00:30	0.027	2.66
13A-N098	0.46	1021.40	0	00:30	0.036	3.62
13A-N100	0.57	66.25	0	00:33	0.032	3.19
13A-N102	0.40	32.95	0	00:37	0.002	0.16
13A-N103	0.51	656.12	0	00:30	0.063	6.26
13A-N104	0.05	60.51	0	00:31	0.003	0.25
13A-N109	0.10	22.35	0	00:32	0.002	0.23
13A-N113	0.78	318.55	0	00:28	0.083	8.29
13A-N114	2.76	78.55	0	00:44	0.182	18.24
13A-N117	0.26	284.52	0	00:32	0.050	4.97
13A-N132	14.98	2257.49	0	01:12	63.702	0.00
13A-N140	0.08	977.38	0	00:32	0.006	0.55
13A-N144	2.95	413.02	0	00:32	0.312	31.21
13A-N146	0.07	1131.09	0	00:32	0.002	0.21
13A-N147	0.66	261.62	0	00:30	0.035	3.51
13A-N149	1.11	426.43	0	00:23	0.168	16.83
13A-N150	0.17	492.33	0	00:33	0.129	0.00
13A-N153	0.24	19.72	0	00:37	0.012	0.00
13A-N154	0.59	324.15	0	00:32	0.433	0.00
13A-N159	0.27	930.14	0	00:32	0.387	0.00
13A-N165	0.84	624.24	0	01:18	1.467	0.00
13A-N167	0.61	770.16	0	00:33	0.770	0.00
13A-N171	0.01	5901.57	0	00:00	0.023	0.00
13A-N173	0.49	35.18	0	00:38	0.035	0.00
13A-N181	0.92	115.96	0	00:39	0.218	0.00
13A-N182	1.56	170.99	0	01:26	0.650	0.00
13A-N189	0.49	402.62	0	00:28	0.046	4.62
13B-N002	0.97	244.33	0	00:32	0.082	8.24
13B-N003	0.66	63.58	0	01:13	0.010	0.98
13B-N005	0.63	239.64	0	00:28	0.040	3.98
13B-N006	0.41	49.31	0	00:31	0.010	1.01
13B-N007	0.43	845.31	0	00:29	0.056	5.63
13B-N008	0.16	63.19	0	00:31	0.006	0.58
13B-N009	0.13	866.54	0	00:31	0.007	0.74
13B-N010	0.08	41.11	0	00:32	0.003	0.29
13B-N012	0.06	590.81	0	00:31	0.003	0.30
13B-N016	0.19	661.54	0	00:30	0.014	1.37
13B-N017	0.15	22.43	0	00:33	0.001	0.12
13B-N018	0.44	242.41	0	00:30	0.026	2.64
13B-N019	0.91	574.52	0	00:26	0.053	5.28
13B-N020	0.69	35.54	0	00:33	0.008	0.83
13B-N021	0.31	3.73	0	00:36	0.000	0.04
13B-N025	0.57	405.29	0	00:32	0.110	10.97
13B-N026	0.76	165.07	0	00:27	0.086	8.62

13B-N027	0.40	834.85	0	01:08	0.012	1.20
13B-N028	1.15	299.66	0	00:24	0.020	2.03
13B-N029	0.88	425.85	0	00:24	0.013	1.34
13B-N031	1.39	63.60	0	00:32	0.042	4.17
13B-N032	0.79	11.81	0	00:30	0.003	0.32
13B-N033	0.83	169.72	0	00:25	0.032	3.22
13B-N034	0.79	116.64	0	00:32	0.043	4.26
13B-N039	0.57	562.10	0	00:28	0.054	5.43
13B-N045	0.31	525.14	0	00:30	0.055	5.46
13B-N046	1.06	603.08	0	00:24	0.128	12.80
13B-N047	0.12	7.86	0	00:36	0.000	0.01
13B-N049	0.38	562.47	0	00:30	0.024	2.36
13B-N051	0.47	429.71	0	00:29	0.030	3.01
13B-N052	1.20	186.18	0	00:25	0.085	8.52
13B-N059	0.04	102.01	0	00:32	0.009	0.00
13B-N061	6.75	1058.91	0	07:00	1.529	152.83
13B-N062	6.72	263.17	0	00:52	0.872	87.21
13B-N063	6.63	198.27	0	00:38	0.607	60.67
13B-N064	1.86	311.16	0	00:18	0.270	26.96
13B-N066	0.71	353.08	0	00:33	0.294	0.00
13B-N067	0.07	582.16	0	00:33	0.006	0.62
13B-N068	1.04	137.67	0	00:32	0.107	10.66
13B-N070	4.20	383.19	0	00:32	0.208	16.03
13B-N071	0.56	78.58	0	00:34	0.024	2.41
13B-N072	1.08	162.57	0	00:25	0.092	9.19
13B-N074	0.33	696.04	0	00:29	0.033	3.31
13B-N075	0.85	72.06	0	00:26	0.088	8.79
13B-N077	14.89	473.06	0	00:34	24.569	0.00
13B-N089	14.75	270.27	0	00:31	12.078	0.00
13B-N094	1.78	1260.62	0	00:32	2.526	0.00
13B-N099	14.84	92.18	0	00:32	2.682	0.00
13B-N100	14.80	152.62	0	00:14	0.129	12.50
13B-N104	14.87	201.04	0	00:33	6.157	0.00
13B-N106	1.08	17.25	0	00:48	0.033	3.34

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Outfall Loading Summary
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Outfall Node	Flow Freq. Pcnt.	Avg. Flow LPS	Max. Flow LPS	Total Volume 10^6 ltr
13A-F001	100.00	119.17	7479.59	6.435
13A-F002	100.00	150.00	7877.88	8.100
13A-F003	98.60	33.20	900.25	1.768
13A-F004	100.00	594.45	819.59	32.100
13A-F005	100.00	399.88	701.66	21.593
13B-F001	100.00	489.17	2984.41	26.415
13B-F002	100.00	314.14	4140.71	16.964
System	99.80	2100.01	21215.76	113.376

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Link Flow Summary
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Link	Type	Maximum |Flow| LPS	Time of Max Occurrence days	hr:min	Maximum Velocity m/sec	Max/ Full Flow	Max/ Full Depth
13A-C001	CONDUIT	7479.59	0	00:00	2.30	2.02	1.00
13A-C002	CONDUIT	340.67	0	00:32	0.85	0.43	1.00
13A-C003	CONDUIT	294.49	0	00:41	1.57	0.51	1.00
13A-C009	CONDUIT	570.02	0	00:32	1.52	0.23	1.00
13A-C010	CONDUIT	121.67	0	00:25	0.97	3.59	1.00
13A-C011	CONDUIT	126.71	0	00:24	1.01	21.45	1.00
13A-C012	CONDUIT	199.21	0	00:39	1.59	2.01	1.00
13A-C013	CONDUIT	77.01	0	01:13	1.09	2.14	1.00
13A-C014	CONDUIT	100.10	0	00:36	1.42	0.91	1.00
13A-C015	CONDUIT	238.74	0	00:33	3.38	0.92	1.00
13A-C016	CONDUIT	198.08	0	00:32	3.16	0.75	1.00
13A-C017	CONDUIT	190.36	0	00:32	2.83	0.98	0.90
13A-C018	CONDUIT	120.90	0	00:26	0.96	3.75	1.00
13A-C021	CONDUIT	447.91	0	01:14	1.05	0.40	0.95
13A-C022	CONDUIT	224.32	0	00:31	3.51	0.95	1.00
13A-C023	CONDUIT	241.00	0	00:32	3.85	0.88	1.00
13A-C024	CONDUIT	179.44	0	00:32	2.54	1.07	1.00
13A-C025	CONDUIT	178.31	0	00:33	1.21	0.40	1.00
13A-C026	CONDUIT	447.66	0	01:14	1.14	2.52	1.00
13A-C027	CONDUIT	147.69	0	00:34	2.10	1.22	1.00
13A-C028	CONDUIT	185.25	0	00:29	2.86	0.91	1.00
13A-C029	CONDUIT	202.57	0	00:28	3.18	0.78	1.00
13A-C030	CONDUIT	226.04	0	00:28	3.63	0.87	1.00
13A-C031	CONDUIT	137.11	0	00:32	2.77	0.54	0.79
13A-C032	CONDUIT	226.61	0	00:31	2.56	0.82	1.00
13A-C033	CONDUIT	142.92	0	00:32	1.16	0.32	0.68
13A-C034	CONDUIT	0.00	0	00:00	0.00	0.00	0.22
13A-C036	CHANNEL	729.77	0	01:37	0.69	0.29	0.75
13A-C037	CHANNEL	439.75	0	00:34	0.56	0.53	0.84
13A-C038	CHANNEL	220.11	0	00:32	0.43	0.21	0.90
13A-C039	CHANNEL	1369.87	0	01:00	0.69	1.00	1.00
13A-C041	CHANNEL	1735.20	0	01:08	0.88	0.83	0.94
13A-C042	CHANNEL	1825.21	0	01:02	0.77	0.24	0.76
13A-C045	CHANNEL	1133.15	0	00:32	1.19	0.23	0.71
13A-C047	CHANNEL	391.06	0	00:39	0.69	0.19	0.70
13A-C048	CONDUIT	18.63	0	00:33	0.15	0.12	1.00
13A-C049	CONDUIT	95.88	0	00:31	0.88	0.75	1.00
13A-C050	CONDUIT	96.74	0	00:40	0.49	0.29	1.00
13A-C051	CONDUIT	96.38	0	00:40	0.64	0.64	1.00
13A-C052	CONDUIT	95.98	0	00:40	0.64	0.39	1.00
13A-C053	CONDUIT	95.56	0	00:40	0.78	0.33	1.00
13A-C054	CONDUIT	95.24	0	00:41	0.90	0.28	0.98
13A-C055	CONDUIT	94.97	0	00:41	0.75	0.33	0.98
13A-C056	CONDUIT	94.72	0	00:41	0.64	0.53	1.00
13A-C057	CONDUIT	97.20	0	00:39	0.50	0.37	1.00
13A-C058	CONDUIT	171.99	0	00:33	0.88	1.25	1.00
13A-C059	CONDUIT	98.10	0	00:39	0.50	0.47	1.00
13A-C060	CONDUIT	97.67	0	00:39	0.50	0.27	1.00
13A-C061	CONDUIT	170.95	0	00:34	0.92	0.98	1.00
13A-C062	CONDUIT	171.45	0	00:33	0.87	1.00	1.00
13A-C063	CONDUIT	180.70	0	03:07	0.92	0.57	1.00
13A-C064	CONDUIT	1026.46	0	01:02	0.80	0.17	0.74
13A-C065	CONDUIT	292.98	0	02:34	1.49	2.50	1.00
13A-C066	CONDUIT	129.78	0	03:17	0.76	0.41	1.00
13A-C067	CONDUIT	170.49	0	00:34	1.42	0.35	1.00
13A-C068	CHANNEL	1343.95	0	01:18	0.69	0.72	0.90
13A-C069	CHANNEL	623.88	0	01:18	1.04	0.16	1.00
13A-C070	CONDUIT	70.92	0	02:01	1.01	0.36	1.00
13A-C071	CONDUIT	50.00	0	00:33	0.66	0.18	0.66
13A-C072	CONDUIT	729.58	0	01:37	1.47	0.66	0.99
13A-C073	CONDUIT	765.38	0	00:57	1.52	3.19	1.00
13A-C074	CONDUIT	169.46	0	00:38	1.76	0.59	1.00
13A-C075	CONDUIT	169.74	0	00:37	2.57	0.98	1.00
13A-C076	CONDUIT	193.50	0	00:30	2.74	1.04	1.00
13A-C077	CONDUIT	331.40	0	00:31	2.64	0.89	1.00
13A-C078	CONDUIT	106.04	0	00:30	1.50	0.94	1.00
13A-C079	CONDUIT	141.09	0	00:35	2.00	0.91	1.00
13A-C080	CONDUIT	112.42	0	00:32	1.59	0.95	1.00
13A-C081	CONDUIT	153.13	0	01:03	2.17	1.18	1.00
13A-C083	CONDUIT	325.73	0	00:47	1.75	0.52	0.98
13A-C084	CONDUIT	258.91	0	00:33	1.16	0.61	1.00
13A-C085	CONDUIT	326.05	0	00:46	1.73	1.46	0.98
13A-C088	CONDUIT	187.87	0	00:46	3.89	0.57	0.83
13A-C089	CONDUIT	187.87	0	00:46	4.16	1.11	1.00
13A-C090	CONDUIT	111.43	0	00:33	1.72	0.94	1.00
13A-C091	CONDUIT	255.77	0	00:31	2.24	0.81	1.00
13A-C092	CONDUIT	265.75	0	00:32	2.20	0.92	1.00
13A-C093	CONDUIT	170.94	0	00:42	1.36	1.16	1.00
13A-C094	CONDUIT	233.00	0	00:33	1.85	0.82	1.00
13A-C095	CONDUIT	244.05	0	00:33	2.14	0.82	1.00
13A-C096	CONDUIT	112.08	0	00:58	1.64	1.70	0.93
13A-C097	CONDUIT	150.13	0	00:30	1.20	1.68	1.00
13A-C098	CONDUIT	313.42	0	00:34	1.15	0.39	0.92
13A-C099	CONDUIT	171.02	0	00:43	1.36	1.06	1.00
13A-C100	CONDUIT	107.99	0	01:06	1.53	1.10	1.00
13A-C101	CONDUIT	120.65	0	01:03	0.96	0.80	1.00
13A-C102	CONDUIT	151.70	0	00:30	1.21	0.61	1.00
13A-C106	CONDUIT	900.25	0	00:00	1.32	2.00	1.00
13A-C110	CONDUIT	7877.88	0	00:00	2.42	1.59	1.00
13A-C111	CONDUIT	2359.76	0	00:00	3.75	1.30	1.00
13A-C112	CONDUIT	1003.87	0	00:00	1.84	0.58	1.00
13A-C113	CHANNEL	0.00	0	00:00	0.00	0.00	0.28
13A-C114	CHANNEL	508.68	0	00:28	0.65	1.35	1.00
13A-C115	CHANNEL	648.01	0	00:01	1.34	0.24	1.00
13A-C116	CONDUIT	548.61	0	00:32	1.09	1.32	1.00
13A-C117	CHANNEL	851.13	0	00:33	0.73	0.50	1.00
13A-C118	CONDUIT	200.58	0	00:50	1.05	1.34	1.00
13A-C120	CONDUIT	199.10	0	00:50	1.01	1.13	1.00
13A-C121	CONDUIT	199.36	0	00:33	1.02	0.41	1.00
13A-C122	CONDUIT	268.46	0	00:37	1.37	2.31	1.00
13A-C123	CONDUIT	461.64	0	00:33	0.92	0.44	1.00

13A-C125	CONDUIT	97.10	0	00:32	0.90	1.02	1.00
13A-C126	CONDUIT	97.92	0	00:32	0.90	1.10	1.00
13A-C127	CONDUIT	171.08	0	00:43	1.36	0.45	1.00
13A-C138	CONDUIT	19.66	0	00:33	0.36	0.06	1.00
13A-C139	CONDUIT	98.67	0	00:32	1.40	0.98	1.00
13A-C140	CONDUIT	225.93	0	00:41	1.39	1.21	1.00
13A-C141	CHANNEL	536.75	0	00:37	0.86	0.72	1.00
13A-C142	CONDUIT	1007.01	0	01:04	1.58	0.50	1.00
13A-C143	CONDUIT	1006.48	0	01:04	1.38	1.45	0.66
13A-C144	CONDUIT	819.59	0	00:00	3.12	0.92	1.00
13A-C145	CONDUIT	701.66	0	00:00	3.57	0.99	1.00
13A-C147	CHANNEL	316.51	0	00:48	0.36	0.09	0.90
13A-C148	CHANNEL	1014.59	0	01:02	0.42	0.22	0.99
13A-C149	CHANNEL	1300.38	0	01:12	0.82	0.35	0.48
13A-C150	CONDUIT	128.86	0	00:32	0.66	0.37	1.00
13A-C151	CONDUIT	375.78	0	00:32	0.75	0.31	1.00
13A-C152	CONDUIT	386.46	0	00:32	0.98	0.29	0.73
13A-C153	CONDUIT	106.83	0	00:32	1.08	0.34	0.91
13A-C154	CONDUIT	116.68	0	00:32	1.30	0.37	0.59
13A-C155	CONDUIT	103.04	0	00:32	0.52	0.32	1.00
13A-C159	CONDUIT	286.01	0	00:32	0.57	0.21	1.00
13A-C160	CHANNEL	298.63	0	00:32	0.32	0.02	0.41
13A-C162	CONDUIT	628.80	0	00:01	3.20	2.32	1.00
13A-C163	CHANNEL	1484.37	0	01:06	0.38	0.23	0.91
13A-C164	CONDUIT	447.98	0	01:13	1.49	0.91	1.00
13A-C165	CONDUIT	127.44	0	03:16	1.21	0.23	1.00
13A-C166	CONDUIT	179.20	0	00:35	1.81	0.76	0.80
13A-C167	CONDUIT	178.94	0	00:35	2.83	0.80	0.84
13A-C174	CONDUIT	119.94	0	00:26	1.18	0.88	1.00
13A-C176	CONDUIT	448.51	0	01:12	1.09	0.47	1.00
13A-C177	CONDUIT	307.92	0	00:30	1.57	1.13	1.00
13A-C179	CONDUIT	416.42	0	00:36	1.53	0.93	0.93
13A-C185	CHANNEL	248.73	0	00:36	0.39	0.83	1.00
13A-C186	CONDUIT	451.56	0	00:28	1.26	0.32	1.00
13A-C187	CHANNEL	1843.27	0	01:01	1.18	0.09	0.32
13A-C188	CHANNEL	1048.78	0	00:32	1.15	0.76	0.93
13A-C189	CHANNEL	366.64	0	00:38	1.25	1.56	1.00
13A-C190	CHANNEL	330.93	0	01:19	0.25	0.06	0.71
13A-C191	CHANNEL	573.73	0	00:33	1.22	0.20	0.78
13A-C192	CHANNEL	16.14	0	01:03	0.36	0.85	1.00
13A-C193	CHANNEL	496.20	0	00:35	0.68	0.56	1.00
13A-C194	CHANNEL	51.73	0	00:32	0.60	0.08	0.22
13A-C195	CONDUIT	49.47	0	00:33	1.01	0.91	0.95
13A-C204	CHANNEL	1857.80	0	01:12	1.18	0.08	0.83
13A-C205	CONDUIT	120.88	0	00:26	1.00	0.69	1.00
13A-C206	CONDUIT	133.60	0	00:24	1.06	17.02	1.00
13A-C207	CONDUIT	116.09	0	00:26	1.11	1.22	1.00
13A-C209	CONDUIT	632.45	0	00:32	3.33	0.98	0.93
13A-C210	CHANNEL	217.11	0	00:39	1.05	0.09	0.46
13A-C211	CONDUIT	328.60	0	01:21	0.89	0.82	1.00
13A-C212	CONDUIT	729.29	0	01:38	1.46	2.08	0.99
13A-C213	CHANNEL	1015.94	0	01:18	0.66	0.12	0.65
13A-C214	CHANNEL	1006.89	0	01:04	0.66	0.12	0.86
13A-C217	CONDUIT	98.68	0	00:35	3.54	0.50	1.00
13A-C218	CONDUIT	325.00	0	00:48	0.38	0.07	0.56
13A-C219	CONDUIT	92.87	0	00:39	3.21	1.82	1.00
13B-C001	CONDUIT	212.02	0	00:36	3.30	0.87	1.00
13B-C002	CONDUIT	49.94	0	01:14	0.78	0.82	1.00
13B-C003	CONDUIT	49.81	0	01:14	0.76	0.93	1.00
13B-C004	CONDUIT	51.55	0	00:39	0.73	0.82	1.00
13B-C005	CONDUIT	16.15	0	01:21	0.65	0.34	1.00
13B-C006	CONDUIT	190.21	0	02:15	0.51	0.60	1.00
13B-C010	CHANNEL	548.28	0	00:33	0.91	0.33	1.00
13B-C011	CHANNEL	234.40	0	00:32	0.41	0.07	0.66
13B-C012	CONDUIT	430.64	0	01:05	3.43	3.31	1.00
13B-C013	CONDUIT	239.47	0	01:34	1.91	3.95	1.00
13B-C014	CONDUIT	187.34	0	02:02	1.49	2.11	1.00
13B-C015	CONDUIT	26.98	0	00:25	2.52	0.86	1.00
13B-C017	CONDUIT	27.07	0	01:02	2.82	0.81	0.84
13B-C018	CONDUIT	26.13	0	00:30	2.35	0.84	1.00
13B-C019	CONDUIT	40.88	0	00:26	1.38	0.76	1.00
13B-C020	CONDUIT	41.74	0	00:26	1.40	0.90	1.00
13B-C021	CONDUIT	164.53	0	00:34	2.33	1.00	1.00
13B-C022	CONDUIT	134.52	0	01:18	1.93	1.39	1.00
13B-C023	CONDUIT	113.72	0	01:04	2.05	0.41	0.73
13B-C024	CONDUIT	113.74	0	01:04	4.58	0.48	0.54
13B-C025	CONDUIT	113.73	0	01:04	4.26	0.88	0.87
13B-C026	CONDUIT	167.80	0	00:36	2.51	0.75	1.00
13B-C027	CONDUIT	189.56	0	00:41	4.19	0.75	1.00
13B-C028	CONDUIT	218.39	0	00:30	3.12	0.88	1.00
13B-C029	CONDUIT	171.38	0	00:28	2.60	0.83	1.00
13B-C030	CONDUIT	173.29	0	00:28	2.45	1.03	1.00
13B-C031	CONDUIT	154.52	0	00:32	2.36	0.71	0.88
13B-C032	CONDUIT	154.78	0	00:32	2.58	0.77	0.83
13B-C033	CONDUIT	216.23	0	00:31	3.11	0.96	1.00
13B-C034	CONDUIT	124.73	0	00:28	1.77	0.68	1.00
13B-C035	CONDUIT	142.51	0	00:32	2.02	0.92	1.00
13B-C036	CONDUIT	154.83	0	00:41	2.28	0.75	1.00
13B-C037	CONDUIT	157.54	0	00:31	2.23	0.75	1.00
13B-C038	CONDUIT	164.87	0	00:37	2.40	0.78	1.00
13B-C039	CONDUIT	186.19	0	00:32	2.67	0.80	1.00
13B-C040	CONDUIT	200.46	0	00:34	3.09	0.84	1.00
13B-C041	CONDUIT	183.43	0	00:31	2.80	0.81	1.00
13B-C042	CONDUIT	171.76	0	00:33	2.43	0.87	1.00
13B-C043	CONDUIT	112.38	0	00:30	1.59	0.93	1.00
13B-C044	CONDUIT	107.83	0	00:33	1.53	0.83	1.00
13B-C045	CONDUIT	77.25	0	00:30	1.09	0.97	1.00
13B-C046	CONDUIT	198.57	0	00:32	3.15	0.82	0.89
13B-C047	CONDUIT	242.69	0	01:27	0.86	1.02	1.00
13B-C048	CHANNEL	1054.85	0	00:06	0.90	1.31	1.00
13B-C049	CHANNEL	508.36	0	00:08	0.67	0.11	0.89
13B-C050	CONDUIT	282.65	0	01:05	1.06	1.56	1.00
13B-C051	CONDUIT	2355.73	0	00:04	2.02	0.31	0.78
13B-C052	CONDUIT	147.06	0	00:11	1.24	2.11	1.00
13B-C053	CONDUIT	42.31	0	00:19	2.40	1.08	1.00
13B-C054	CONDUIT	31.73	0	00:31	1.82	0.95	1.00
13B-C055	CONDUIT	29.80	0	01:27	1.69	1.09	1.00
13B-C058	CONDUIT	431.00	0	00:01	1.59	0.03	0.35
13B-C059	CHANNEL	82.68	0	00:32	0.47	0.25	0.77
13B-C060	CHANNEL	92.18	0	00:08	0.41	1.83	1.00
13B-C061	CHANNEL	170.08	0	00:14	0.33	0.60	1.00
13B-C063	CONDUIT	147.52	0	01:12	1.17	1.03	1.00
13B-C064	CONDUIT	203.12	0	00:27	1.62	4.91	1.00
13B-C065	CONDUIT	195.60	0	00:39	1.56	1.08	1.00
13B-C066	CONDUIT	194.94	0	00:44	1.64	1.82	0.90
13B-C068	CONDUIT	426.04	0	00:37	2.23	2.13	0.94
13B-C069	CONDUIT	428.00	0	00:34	2.18	6.31	1.00
13B-C070	CONDUIT	458.07	0	00:33	2.33	7.15	1.00
13B-C077	CONDUIT	740.69	0	00:08	1.38	0.34	1.00
13B-C078	CONDUIT	154.07	0	01:37	2.18	2.07	1.00
13B-C086	CONDUIT	174.30	0	02:43	2.42	2.72	1.00
13B-C087	CHANNEL	2984.41	0	00:03	1.21	0.17	0.50
13B-C088	CONDUIT	541.79	0	00:00	2.76	1.69	1.00
13B-C089	CONDUIT	281.41	0	00:56	0.78	0.50	1.00
13B-C090	CONDUIT	40.79	0	01:02	1.31	1.07	1.00
13B-C091	CONDUIT	51.59	0	00:49	1.66	1.13	1.00
13B-C092	CONDUIT	27.07	0	01:03	3.30	0.80	0.84
13B-C094	CONDUIT	169.81	0	00:29	2.40	0.90	1.00
13B-C095	CONDUIT	203.20	0	00:26	2.88	0.86	1.00
13B-C096	CHANNEL	263.11	0	00:06	0.41	0.07	0.83
13B-C097	CHANNEL	390.66	0	00:32	1.61	0.76	1.00
13B-C098	CONDUIT	196.62	0	00:36	1.57	2.69	1.00
13B-C099	CONDUIT	130.77	0	00:33	1.85	2.24	0.95
13B-C100	CONDUIT	130.18	0	00:34	3.05	0.48	0.75
13B-C101	CONDUIT	141.84	0	00:32	1.97	1.24	1.00
13B-C102	CONDUIT	133.63	0	00:32	1.85	0.72	1.00
13B-C104	CHANNEL	0.00	0	00:00	0.00	0.00	0.29
13B-C105	CHANNEL	102.07	0	00:13	0.21	0.08	0.66
13B-C106	CHANNEL	261.41	0	00:32	0.88	0.90	1.00
13B-C107	CONDUIT	174.35	0	02:43	1.18	0.32	1.00
13B-C108	CHANNEL	229.24	0	00:27	0.40	0.11	1.00
13B-C109	CHANNEL	1454.61	0	00:07	0.98	0.97	1.00
13B-C110	CHANNEL	207.57	0	00:06	0.72	1.03	1.00
13B-C111	CHANNEL	320.71	0	00:34	1.01	6.24	1.00
13B-C112	CHANNEL	591.52	0	00:19	0.57	0.17	0.92
13B-C113	CHANNEL	612.58	0	00:00	1.12	0.08	0.70
13B-C114	CONDUIT	106.39	0	01:04	1.51	1.01	1.00
13B-C115	CONDUIT	106.54	0	01:27	1.51	1.36	1.00
13B-C116	CONDUIT	219.57	0	00:42	0.78	1.75	1.00
13B-C117	CONDUIT	187.55	0	02:15	0.68	1.15	1.00
13B-C118	CONDUIT	50.06	0	01:14	1.12	0.34	1.00
13B-C119	CONDUIT	172.32	0	00:09	1.52	0.78	1.00
13B-C121	CHANNEL	4140.71	0	00:00	1.91	0.54	0.96
13B-P001	PUMP	619.00	0	00:37			

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Flow Classification Summary
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Conduit	Adjusted /Actual Length	Fraction of Time in Flow Class: Dry	Up Dry	Down Dry	Sub Crit	Sup Crit	Up Crit	Down Crit	Avg. Froude Number	Avg. Flow Change
13A-C001	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.0001

13A-C002	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.0000
13A-C003	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.0000
13A-C009	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.39	0.0000
13A-C010	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.01	0.0001
13A-C011	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.01	0.0006
13A-C012	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.01	0.0001
13A-C013	1.00	0.01	0.32	0.00	0.67	0.00	0.00	0.00	0.00	0.0001
13A-C014	1.00	0.01	0.00	0.00	0.66	0.00	0.00	0.32	0.01	0.0000
13A-C015	1.00	0.01	0.80	0.00	0.16	0.03	0.00	0.00	0.07	0.0000
13A-C016	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.98	0.27	0.0000
13A-C017	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.19	0.0000
13A-C018	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.01	0.0001
13A-C021	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.42	0.0000
13A-C022	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.98	0.28	0.0000
13A-C023	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.98	0.30	0.0000
13A-C024	1.00	0.01	0.77	0.00	0.17	0.05	0.00	0.00	0.06	0.0000
13A-C025	1.00	0.77	0.01	0.00	0.21	0.00	0.00	0.00	0.03	0.0000
13A-C026	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.01	0.0001
13A-C027	1.00	0.01	0.00	0.00	0.13	0.00	0.00	0.86	0.05	0.0000
13A-C028	1.00	0.01	0.00	0.00	0.06	0.00	0.00	0.93	0.19	0.0000
13A-C029	1.00	0.01	0.81	0.00	0.12	0.06	0.00	0.00	0.19	0.0000
13A-C030	1.00	0.01	0.00	0.00	0.03	0.01	0.00	0.95	0.27	0.0000
13A-C031	1.00	0.01	0.00	0.00	0.89	0.10	0.00	0.00	0.20	0.0000
13A-C032	1.00	0.01	0.00	0.00	0.03	0.01	0.00	0.95	0.21	0.0000
13A-C033	1.00	0.01	0.88	0.00	0.07	0.04	0.00	0.00	0.09	0.0000
13A-C034	1.00	0.95	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
13A-C036	1.00	0.01	0.00	0.00	0.22	0.00	0.00	0.77	0.42	0.0000
13A-C037	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.05	0.0000
13A-C038	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.02	0.0000
13A-C039	1.00	0.01	0.01	0.00	0.98	0.00	0.00	0.00	0.23	0.0000
13A-C041	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.25	0.0000
13A-C042	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.13	0.0000
13A-C045	1.00	0.01	0.71	0.00	0.27	0.00	0.00	0.00	0.05	0.0000
13A-C047	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.24	0.0000
13A-C048	1.00	0.01	0.43	0.00	0.56	0.00	0.00	0.00	0.00	0.0000
13A-C049	1.00	0.02	0.52	0.00	0.46	0.00	0.00	0.00	0.02	0.0000
13A-C050	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.01	0.0000
13A-C051	1.00	0.02	0.00	0.00	0.21	0.00	0.00	0.77	0.09	0.0000
13A-C052	1.00	0.02	0.42	0.00	0.56	0.00	0.00	0.00	0.05	0.0000
13A-C053	1.00	0.02	0.00	0.00	0.56	0.00	0.00	0.42	0.10	0.0000
13A-C054	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.12	0.0000
13A-C055	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.02	0.0000
13A-C056	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.01	0.0000
13A-C057	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.01	0.0000
13A-C058	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.13	0.0000
13A-C059	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.13	0.0000
13A-C060	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.01	0.0000
13A-C061	1.00	0.01	0.00	0.00	0.96	0.00	0.00	0.02	0.17	0.0000
13A-C062	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.12	0.0000
13A-C063	1.00	0.02	0.13	0.00	0.85	0.00	0.00	0.00	0.01	0.0000
13A-C064	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.06	0.0000
13A-C065	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.01	0.01	0.0000
13A-C066	1.00	0.02	0.00	0.00	0.85	0.00	0.00	0.13	0.14	0.0000
13A-C067	1.00	0.02	0.00	0.00	0.86	0.06	0.00	0.07	0.36	0.0000
13A-C068	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.23	0.0000
13A-C069	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.03	0.0000
13A-C070	1.00	0.01	0.00	0.00	0.28	0.00	0.00	0.70	0.03	0.0000
13A-C071	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.02	0.0000
13A-C072	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.01	0.64	0.0000
13A-C073	1.00	0.01	0.00	0.00	0.59	0.00	0.00	0.40	0.40	0.0001
13A-C074	1.00	0.01	0.77	0.00	0.18	0.03	0.00	0.00	0.09	0.0000
13A-C075	1.00	0.01	0.00	0.00	0.16	0.05	0.00	0.78	0.14	0.0000
13A-C076	1.00	0.01	0.78	0.00	0.19	0.02	0.00	0.00	0.03	0.0000
13A-C077	1.00	0.01	0.00	0.00	0.04	0.00	0.00	0.95	0.11	0.0000
13A-C078	1.00	0.01	0.70	0.00	0.29	0.00	0.00	0.00	0.04	0.0000
13A-C079	1.00	0.01	0.00	0.00	0.21	0.08	0.00	0.70	0.14	0.0000
13A-C080	1.00	0.01	0.00	0.00	0.06	0.00	0.00	0.93	0.16	0.0000
13A-C081	1.00	0.01	0.00	0.00	0.07	0.01	0.00	0.90	0.15	0.0000
13A-C083	1.00	0.01	0.66	0.00	0.33	0.00	0.00	0.00	0.05	0.0000
13A-C084	1.00	0.01	0.79	0.00	0.20	0.00	0.00	0.00	0.02	0.0000
13A-C085	1.00	0.01	0.00	0.00	0.29	0.00	0.00	0.70	0.11	0.0000
13A-C088	1.00	0.01	0.00	0.00	0.00	0.01	0.00	0.98	0.38	0.0000
13A-C089	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.23	0.0000
13A-C090	1.00	0.91	0.00	0.00	0.06	0.00	0.00	0.03	0.09	0.0000
13A-C091	1.00	0.01	0.00	0.00	0.88	0.11	0.00	0.00	0.20	0.0000
13A-C092	1.00	0.01	0.00	0.00	0.88	0.10	0.00	0.01	0.19	0.0000
13A-C093	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.08	0.0000
13A-C094	1.00	0.01	0.00	0.00	0.95	0.03	0.00	0.00	0.12	0.0000
13A-C095	1.00	0.01	0.00	0.00	0.88	0.10	0.00	0.00	0.19	0.0000
13A-C096	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.20	0.0000
13A-C097	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.03	0.0001
13A-C098	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.04	0.0000
13A-C099	1.00	0.01	0.01	0.00	0.15	0.01	0.00	0.83	0.13	0.0000
13A-C100	1.00	0.00	0.66	0.00	0.34	0.00	0.00	0.00	0.01	0.0000
13A-C101	1.00	0.00	0.00	0.00	0.98	0.00	0.02	0.00	0.02	0.0000
13A-C102	1.00	0.00	0.01	0.00	0.98	0.00	0.00	0.00	0.02	0.0000
13A-C106	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.0002
13A-C110	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.0000
13A-C111	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.0000
13A-C112	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.0000
13A-C113	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
13A-C114	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.0001
13A-C115	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.04	0.0000
13A-C116	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.04	0.0000
13A-C117	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.0000
13A-C118	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.0001
13A-C120	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.0000
13A-C121	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.09	0.0000
13A-C122	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.0001
13A-C123	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.11	0.0000
13A-C125	1.00	0.01	0.00	0.00	0.46	0.00	0.00	0.53	0.05	0.0000
13A-C126	1.00	0.01	0.00	0.00	0.10	0.00	0.00	0.89	0.08	0.0000
13A-C127	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.04	0.0000
13A-C138	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.0000
13A-C139	1.00	0.01	0.00	0.00	0.04	0.02	0.00	0.93	0.18	0.0000
13A-C140	1.00	0.78	0.00	0.00	0.11	0.00	0.03	0.08	0.10	0.0000
13A-C141	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.02	0.0000
13A-C142	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.16	0.0000
13A-C143	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.35	0.0000
13A-C144	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.0000
13A-C145	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.0000
13A-C147	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.0000
13A-C148	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.07	0.0000
13A-C149	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.06	0.0000
13A-C150	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.0000
13A-C151	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.0000
13A-C152	1.00	0.00	0.62	0.00	0.38	0.00	0.00	0.00	0.01	0.0000
13A-C153	1.00	0.01	0.00	0.00	0.38	0.00	0.00	0.60	0.09	0.0000
13A-C154	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.14	0.0000
13A-C155	1.00	0.00	0.59	0.00	0.40	0.00	0.00	0.00	0.01	0.0000
13A-C159	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.0000
13A-C160	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.01	0.0000
13A-C162	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.0002
13A-C163	1.00	0.02	0.01	0.00	0.97	0.00	0.00	0.00	0.20	0.0000
13A-C164	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.01	0.0000
13A-C165	1.00	0.02	0.06	0.00	0.92	0.01	0.00	0.00	0.29	0.0000
13A-C166	1.00	0.01	0.00	0.00	0.12	0.01	0.00	0.86	0.06	0.0000
13A-C167	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.28	0.0000
13A-C174	1.00	0.02	0.00	0.00	0.20	0.00	0.00	0.78	0.41	0.0000
13A-C176	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.52	0.0000
13A-C177	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.06	0.0000
13A-C179	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.05	0.0001
13A-C185	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.0000
13A-C186	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.0000
13A-C187	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.36	0.0000
13A-C188	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.38	0.0000
13A-C189	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.10	0.0002
13A-C190	1.00	0.02	0.01	0.00	0.98	0.00	0.00	0.00	0.01	0.0000
13A-C191	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.0000
13A-C192	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.02	0.0000
13A-C193	1.00	0.01	0.00	0.00	0.24	0.00	0.00	0.74	0.25	0.0000
13A-C194	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.69	0.0000
13A-C195	1.00	0.01	0.00	0.00	0.10	0.00	0.00	0.89	0.10	0.0000
13A-C204	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.21	0.0000
13A-C205	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.02	0.0000
13A-C206	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.01	0.0004
13A-C207	1.00	0.02	0.00	0.00	0.20	0.00	0.00	0.78	0.27	0.0001
13A-C209	1.00	0.01	0.63	0.00	0.30	0.05	0.00	0.00	0.09	0.0000
13A-C210	1.00	0.01	0.00	0.00	0.94	0.05	0.00	0.00	0.16	0.0000
13A-C211	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.01	0.0000
13A-C212	1.00	0.01	0.00	0.00	0.45	0.00	0.00	0.54	0.48	0.0000
13A-C213	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.06	0.0000
13A-C214	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.22	0.0000
13A-C217	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.98	0.32	0.0000
13A-C218	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.01	0.0000
13A-C219	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.15	0.0000
13B-C001	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.96	0.27	0.0000
13B-C002	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.01	0.01	0.0000
13B-C003	1.00	0.01	0.18	0.00	0.80	0.00	0.00	0.01	0.01	0.0000
13B-C004	1.00	0.01	0.00	0.00	0.80	0.00	0.00	0.18	0.01	0.0000
13B-C005	1.00	0.68	0.08	0.00	0.23	0.00	0.00	0.00	0.00	0.0000
13B-C006	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.02	0.0000
13B-C010	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.04	0.0000
13B-C011	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.01	0.0000
13B-C012	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.0001
13B-C013	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.0002

13B-C014	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.0001
13B-C015	1.00	0.01	0.00	0.00	0.96	0.03	0.00	0.00	0.07	0.0000
13B-C017	1.00	0.01	0.00	0.00	0.88	0.02	0.00	0.08	0.28	0.0000
13B-C018	1.00	0.01	0.00	0.00	0.97	0.01	0.00	0.00	0.03	0.0000
13B-C019	1.00	0.01	0.00	0.00	0.96	0.03	0.00	0.00	0.08	0.0000
13B-C020	1.00	0.01	0.00	0.00	0.97	0.00	0.02	0.00	0.02	0.0000
13B-C021	1.00	0.01	0.00	0.00	0.04	0.00	0.00	0.94	0.23	0.0000
13B-C022	1.00	0.01	0.00	0.00	0.06	0.00	0.00	0.93	0.15	0.0000
13B-C023	1.00	0.01	0.78	0.00	0.10	0.10	0.00	0.00	0.19	0.0000
13B-C024	1.00	0.01	0.00	0.00	0.00	0.04	0.00	0.94	0.67	0.0000
13B-C025	1.00	0.01	0.00	0.00	0.82	0.13	0.00	0.04	0.51	0.0000
13B-C026	1.00	0.01	0.00	0.00	0.89	0.08	0.00	0.02	0.19	0.0000
13B-C027	1.00	0.01	0.00	0.00	0.89	0.09	0.00	0.00	0.28	0.0000
13B-C028	1.00	0.01	0.00	0.00	0.90	0.08	0.00	0.00	0.23	0.0000
13B-C029	1.00	0.01	0.00	0.00	0.87	0.08	0.00	0.04	0.23	0.0000
13B-C030	1.00	0.01	0.00	0.00	0.89	0.07	0.00	0.03	0.19	0.0000
13B-C031	1.00	0.01	0.00	0.00	0.91	0.08	0.00	0.00	0.13	0.0000
13B-C032	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.24	0.0000
13B-C033	1.00	0.01	0.00	0.00	0.90	0.08	0.00	0.01	0.23	0.0000
13B-C034	1.00	0.01	0.80	0.00	0.18	0.01	0.00	0.00	0.03	0.0000
13B-C035	1.00	0.01	0.00	0.00	0.16	0.02	0.00	0.81	0.07	0.0000
13B-C036	1.00	0.01	0.00	0.00	0.03	0.01	0.00	0.94	0.19	0.0000
13B-C037	1.00	0.01	0.83	0.00	0.09	0.07	0.00	0.00	0.15	0.0000
13B-C038	1.00	0.01	0.00	0.00	0.07	0.08	0.00	0.83	0.19	0.0000
13B-C039	1.00	0.01	0.00	0.00	0.89	0.09	0.00	0.00	0.22	0.0000
13B-C040	1.00	0.01	0.00	0.00	0.90	0.09	0.00	0.00	0.24	0.0000
13B-C041	1.00	0.01	0.85	0.00	0.06	0.08	0.00	0.00	0.20	0.0000
13B-C042	1.00	0.01	0.00	0.00	0.01	0.02	0.00	0.96	0.21	0.0000
13B-C043	1.00	0.01	0.00	0.00	0.03	0.00	0.00	0.95	0.12	0.0000
13B-C044	1.00	0.27	0.50	0.00	0.22	0.01	0.00	0.00	0.02	0.0000
13B-C045	1.00	0.01	0.25	0.00	0.73	0.00	0.00	0.00	0.01	0.0001
13B-C046	1.00	0.01	0.00	0.00	0.06	0.08	0.00	0.85	0.22	0.0000
13B-C047	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.0000
13B-C048	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.04	0.0000
13B-C049	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.02	0.0000
13B-C050	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.0001
13B-C051	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.07	0.0000
13B-C052	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.0001
13B-C053	1.00	0.01	0.00	0.00	0.43	0.20	0.00	0.36	0.30	0.0000
13B-C054	1.00	0.01	0.35	0.00	0.63	0.00	0.00	0.00	0.01	0.0000
13B-C055	1.00	0.01	0.01	0.00	0.99	0.00	0.00	0.00	0.00	0.0000
13B-C058	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.10	0.0000
13B-C059	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.02	0.0000
13B-C060	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.09	0.0000
13B-C061	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.0000
13B-C063	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.0000
13B-C064	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.0001
13B-C065	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.0000
13B-C066	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.62	0.0000
13B-C068	1.00	0.01	0.00	0.00	0.94	0.00	0.00	0.05	0.05	0.0000
13B-C069	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.01	0.04	0.0001
13B-C070	1.00	0.01	0.29	0.00	0.69	0.00	0.00	0.00	0.03	0.0001
13B-C077	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.0000
13B-C078	1.00	0.01	0.25	0.00	0.73	0.00	0.00	0.01	0.01	0.0001
13B-C086	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.01	0.01	0.0001
13B-C087	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.04	0.0000
13B-C088	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.0000
13B-C089	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.0000
13B-C090	1.00	0.01	0.00	0.00	0.96	0.02	0.00	0.01	0.09	0.0000
13B-C091	1.00	0.02	0.00	0.00	0.02	0.00	0.00	0.96	0.18	0.0000
13B-C092	1.00	0.01	0.00	0.00	0.00	0.08	0.00	0.91	0.39	0.0000
13B-C094	1.00	0.01	0.00	0.00	0.26	0.02	0.00	0.71	0.06	0.0000
13B-C095	1.00	0.26	0.46	0.00	0.25	0.03	0.00	0.00	0.05	0.0000
13B-C096	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.09	0.0000
13B-C097	1.00	0.01	0.00	0.00	0.97	0.01	0.00	0.00	0.28	0.0000
13B-C098	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.0000
13B-C099	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.13	0.0000
13B-C100	1.00	0.01	0.00	0.00	0.00	0.01	0.00	0.97	0.51	0.0000
13B-C101	1.00	0.01	0.00	0.00	0.01	0.00	0.00	0.98	0.15	0.0000
13B-C102	1.00	0.01	0.00	0.00	0.01	0.01	0.00	0.97	0.22	0.0000
13B-C104	1.00	0.01	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
13B-C105	1.00	0.01	0.01	0.00	0.99	0.00	0.00	0.00	0.00	0.0000
13B-C106	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.52	0.0000
13B-C107	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.0000
13B-C108	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.01	0.0000
13B-C109	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.03	0.0000
13B-C110	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.41	0.0000
13B-C111	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.62	0.0001
13B-C112	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.08	0.0000
13B-C113	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.11	0.0000
13B-C114	1.00	0.01	0.00	0.00	0.12	0.00	0.00	0.86	0.05	0.0000
13B-C115	1.00	0.01	0.22	0.00	0.76	0.00	0.00	0.01	0.01	0.0001
13B-C116	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.0001
13B-C117	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.0001
13B-C118	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.01	0.0000
13B-C119	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.0000
13B-C121	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.04	0.0000

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Conduit Surcharge Summary
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Conduit	Hours Full: Both Ends	Hours Full: Upstream	Hours Full: Dnstream	Hours Above Full Normal Flow	Hours Capacity Limited
13A-C001	14.96	14.96	14.96	0.01	0.04
13A-C002	14.89	14.89	14.89	0.01	0.01
13A-C003	14.89	14.89	14.89	0.01	0.01
13A-C009	2.72	2.72	2.72	0.01	0.01
13A-C010	2.40	2.40	2.40	1.41	1.35
13A-C011	2.43	2.43	2.43	1.50	1.60
13A-C012	2.43	2.43	2.43	0.97	1.37
13A-C013	2.58	2.58	2.58	1.21	1.29
13A-C014	1.58	1.58	1.58	0.01	0.29
13A-C015	0.08	0.08	0.08	0.01	0.01
13A-C016	0.03	0.03	0.03	0.01	0.01
13A-C018	2.36	2.36	2.36	1.40	1.29
13A-C022	0.04	0.04	0.04	0.01	0.01
13A-C023	0.01	0.01	0.01	0.01	0.01
13A-C024	0.13	0.13	0.13	0.10	0.12
13A-C025	0.64	0.64	0.64	0.01	0.01
13A-C026	1.65	1.65	1.65	1.46	1.52
13A-C027	0.73	0.73	0.73	0.87	0.72
13A-C028	0.62	0.62	0.62	0.01	0.01
13A-C029	0.55	0.55	0.55	0.01	0.01
13A-C030	0.43	0.43	0.43	0.01	0.01
13A-C032	0.06	0.06	0.06	0.01	0.01
13A-C039	0.88	0.88	0.88	0.53	0.75
13A-C048	2.99	2.99	2.99	0.01	0.01
13A-C049	0.34	0.34	0.34	0.01	0.01
13A-C050	2.28	2.28	2.28	0.01	0.01
13A-C051	2.17	2.17	2.17	0.01	0.17
13A-C052	1.25	1.25	1.25	0.01	0.01
13A-C053	0.37	0.37	0.37	0.01	0.01
13A-C056	0.11	0.11	0.11	0.01	0.01
13A-C057	2.28	2.28	2.28	0.01	0.01
13A-C058	2.49	2.49	2.49	0.17	0.42
13A-C059	2.36	2.36	2.36	0.01	0.01
13A-C060	2.36	2.36	2.36	0.01	0.01
13A-C061	2.64	2.64	2.64	0.01	0.17
13A-C062	2.54	2.54	2.54	0.02	0.24
13A-C063	3.12	3.12	3.12	0.01	0.01
13A-C065	3.16	3.16	3.16	3.17	3.14
13A-C066	3.02	3.02	3.02	0.01	0.01
13A-C067	2.77	2.77	2.77	0.01	0.01
13A-C069	0.84	0.84	0.84	0.01	0.01
13A-C070	1.47	1.47	1.47	0.01	0.01
13A-C073	1.26	1.26	1.26	1.86	1.26
13A-C074	0.63	0.63	0.63	0.01	0.01
13A-C075	0.56	0.56	0.56	0.01	0.55
13A-C076	0.56	0.56	0.56	0.02	0.51
13A-C077	0.52	0.52	0.52	0.01	0.06
13A-C078	0.50	0.50	0.50	0.01	0.01
13A-C079	0.28	0.28	0.28	0.01	0.21
13A-C080	0.09	0.09	0.09	0.01	0.01
13A-C081	0.71	0.71	0.71	0.65	0.68
13A-C084	0.72	0.72	0.72	0.01	0.01
13A-C085	0.01	0.01	0.01	0.86	0.01
13A-C089	0.39	0.39	0.39	0.68	0.39
13A-C090	0.09	0.09	0.09	0.01	0.01
13A-C091	0.08	0.08	0.08	0.01	0.01
13A-C092	0.07	0.07	0.07	0.01	0.04
13A-C093	0.57	0.57	0.57	0.56	0.57
13A-C094	0.21	0.21	0.21	0.01	0.01
13A-C095	0.11	0.11	0.11	0.01	0.01
13A-C096	0.01	0.01	0.01	1.21	0.01
13A-C097	0.62	0.62	0.62	1.16	0.01
13A-C099	0.56	0.56	0.56	0.52	0.56
13A-C100	1.13	1.13	1.13	0.28	0.85
13A-C101	0.63	0.63	0.63	0.01	0.01
13A-C102	0.63	0.63	0.63	0.01	0.01
13A-C106	14.99	14.99	14.99	0.02	0.55
13A-C110	14.99	14.99	14.99	0.01	0.01

13A-C111	14.99	14.99	14.99	0.01	0.42
13A-C112	0.98	0.98	0.98	0.01	0.01
13A-C114	0.18	0.18	0.18	0.05	0.01
13A-C115	0.37	0.37	0.37	0.01	0.01
13A-C116	2.95	2.95	2.95	0.29	0.50
13A-C118	14.97	14.97	14.97	0.37	0.64
13A-C120	14.96	14.96	14.96	0.25	0.59
13A-C121	1.09	1.09	1.09	0.01	0.01
13A-C122	0.74	0.74	0.74	0.42	0.01
13A-C123	0.31	0.31	0.31	0.01	0.01
13A-C125	0.34	0.34	0.34	0.05	0.34
13A-C126	0.18	0.18	0.18	0.42	0.18
13A-C127	0.57	0.57	0.57	0.01	0.55
13A-C138	3.18	3.18	3.18	0.01	0.01
13A-C139	0.42	0.42	0.42	0.01	0.42
13A-C140	1.21	1.21	1.21	0.13	0.84
13A-C142	1.48	1.48	1.48	0.01	1.48
13A-C143	0.01	0.01	0.01	1.87	0.01
13A-C144	14.99	14.99	14.99	0.01	0.01
13A-C145	15.00	15.00	15.00	0.01	0.01
13A-C150	0.47	0.47	0.47	0.01	0.01
13A-C151	0.37	0.37	0.37	0.01	0.01
13A-C155	0.25	0.25	0.25	0.01	0.01
13A-C159	0.19	0.19	0.19	0.01	0.01
13A-C162	14.98	14.98	14.98	0.52	0.66
13A-C164	3.01	3.01	3.01	0.01	1.61
13A-C165	2.89	2.89	2.89	0.01	0.01
13A-C174	2.24	2.24	2.24	0.01	0.01
13A-C176	0.93	0.93	0.93	0.01	0.01
13A-C177	0.83	0.83	0.83	0.27	0.74
13A-C185	0.59	0.59	0.59	0.01	0.01
13A-C186	0.38	0.38	0.38	0.01	0.01
13A-C189	0.01	0.01	0.02	0.87	0.01
13A-C192	0.60	0.60	0.60	0.01	0.01
13A-C193	0.27	0.27	0.27	0.01	0.01
13A-C205	2.24	2.24	2.24	0.01	0.01
13A-C206	2.44	2.44	2.44	1.47	1.54
13A-C207	2.88	2.88	2.88	0.09	0.08
13A-C211	1.37	1.37	1.37	0.01	0.18
13A-C212	0.01	0.01	0.01	1.64	0.01
13A-C217	0.06	0.06	0.06	0.01	0.06
13A-C219	0.58	0.58	0.58	0.59	0.58
13B-C001	0.33	0.33	0.33	0.01	0.31
13B-C002	4.33	4.33	4.33	0.01	0.01
13B-C003	1.82	1.82	1.82	0.01	0.43
13B-C004	0.97	0.97	0.97	0.01	0.01
13B-C005	0.91	0.91	0.91	0.01	0.01
13B-C006	4.35	4.35	4.35	0.01	0.01
13B-C010	1.78	1.78	1.78	0.01	0.01
13B-C012	6.77	6.77	6.77	1.74	0.01
13B-C013	6.77	6.77	6.77	6.37	0.01
13B-C014	6.77	6.77	6.77	6.27	5.99
13B-C015	0.85	0.85	0.85	0.01	0.78
13B-C018	0.90	0.90	0.90	0.01	0.88
13B-C019	0.68	0.68	0.68	0.01	0.01
13B-C020	0.68	0.68	0.68	0.01	0.01
13B-C021	0.38	0.38	0.38	0.01	0.35
13B-C022	0.89	0.89	0.89	0.48	0.32
13B-C026	0.58	0.58	0.58	0.01	0.01
13B-C027	0.40	0.40	0.40	0.01	0.01
13B-C028	0.33	0.33	0.33	0.01	0.32
13B-C029	0.58	0.58	0.58	0.01	0.53
13B-C030	0.58	0.58	0.58	0.21	0.58
13B-C033	0.07	0.07	0.07	0.01	0.06
13B-C034	1.11	1.11	1.11	0.01	0.01
13B-C035	0.53	0.53	0.53	0.01	0.47
13B-C036	0.50	0.50	0.50	0.01	0.40
13B-C037	0.24	0.24	0.24	0.01	0.01
13B-C038	0.17	0.17	0.17	0.01	0.09
13B-C039	0.12	0.12	0.12	0.01	0.01
13B-C040	0.08	0.08	0.08	0.01	0.01
13B-C041	0.03	0.03	0.03	0.01	0.01
13B-C042	0.06	0.06	0.06	0.01	0.01
13B-C043	0.24	0.24	0.24	0.01	0.20
13B-C044	0.41	0.41	0.41	0.01	0.01
13B-C045	1.20	1.20	1.20	0.01	0.17
13B-C047	14.71	14.71	14.71	0.28	1.13
13B-C048	14.72	14.72	14.72	0.07	0.01
13B-C050	14.77	14.77	14.77	1.04	1.01
13B-C052	14.81	14.81	14.81	13.97	13.95
13B-C053	0.86	0.86	0.86	0.07	0.09
13B-C054	1.11	1.11	1.11	0.01	0.01
13B-C055	6.95	6.95	6.95	0.34	0.58
13B-C060	14.84	14.84	14.84	0.06	0.01
13B-C061	14.80	14.80	14.80	0.01	0.01
13B-C063	14.81	14.81	14.81	0.04	6.20
13B-C064	14.79	14.79	14.79	14.82	14.79
13B-C065	14.73	14.73	14.73	0.62	0.98
13B-C066	0.01	0.01	0.01	14.75	0.01
13B-C068	0.01	0.01	0.01	0.33	0.01
13B-C069	0.29	0.29	0.29	0.76	0.29
13B-C070	0.40	0.40	0.40	0.77	0.40
13B-C077	14.87	14.87	14.87	0.01	0.01
13B-C078	1.85	1.85	1.85	1.92	1.85
13B-C086	6.73	6.73	6.73	6.78	6.70
13B-C088	15.00	15.00	15.00	0.12	0.01
13B-C089	4.37	4.37	4.37	0.01	0.01
13B-C090	0.53	0.53	0.53	0.44	0.20
13B-C091	0.35	0.35	0.35	0.01	0.01
13B-C094	0.50	0.50	0.50	0.01	0.01
13B-C095	0.91	0.91	0.91	0.01	0.01
13B-C097	0.04	0.04	0.04	0.01	0.01
13B-C098	14.73	14.73	14.73	14.80	14.73
13B-C099	0.01	0.01	0.01	0.18	0.01
13B-C101	0.08	0.08	0.08	0.05	0.08
13B-C102	0.09	0.09	0.09	0.01	0.05
13B-C106	14.82	14.82	14.82	0.01	0.01
13B-C107	6.81	6.81	6.81	0.01	0.01
13B-C108	0.94	0.94	0.94	0.01	0.01
13B-C109	0.06	0.06	0.06	0.01	0.01
13B-C110	14.89	14.89	14.89	14.89	14.89
13B-C111	14.89	14.89	14.89	14.90	0.01
13B-C114	1.24	1.24	1.24	0.15	1.03
13B-C115	1.43	1.43	1.43	1.26	1.28
13B-C116	7.04	7.04	7.04	4.62	5.06
13B-C117	7.24	7.24	7.24	2.49	5.19
13B-C118	6.83	6.83	6.83	0.01	0.01
13B-C119	14.82	14.82	14.82	0.01	0.01

****
Pumping Summary
****

Pump	Percent Utilized	Max Flow LPS	Avg Flow LPS	Total Volume 10^6 ltr	Power Usage Kw-hr	% Time Off Curve
13B-P001	98.47	619.00	147.11	7.822	51.41	0.00

Analysis begun on: Tue Jun 23 10:42:03 2009
Analysis ended on: Tue Jun 23 10:46:13 2009
Total elapsed time: 00:04:10

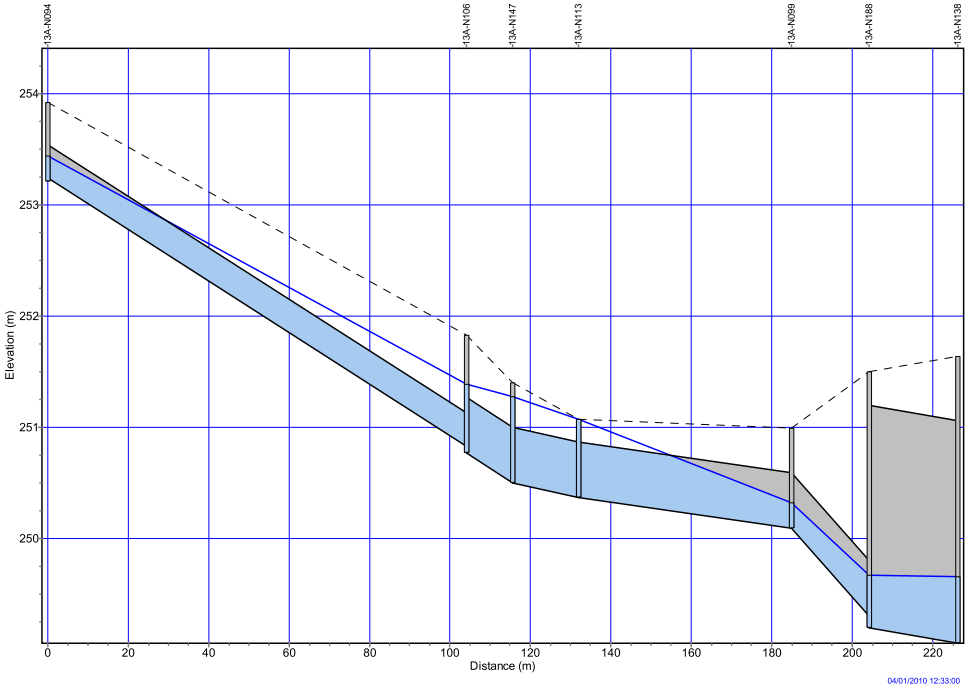
2.
PROFILI LONGITUDINALI DI CORRENTE
(massimo tirante idrico)

CODIFICA PROFILI LONGITUDINALI

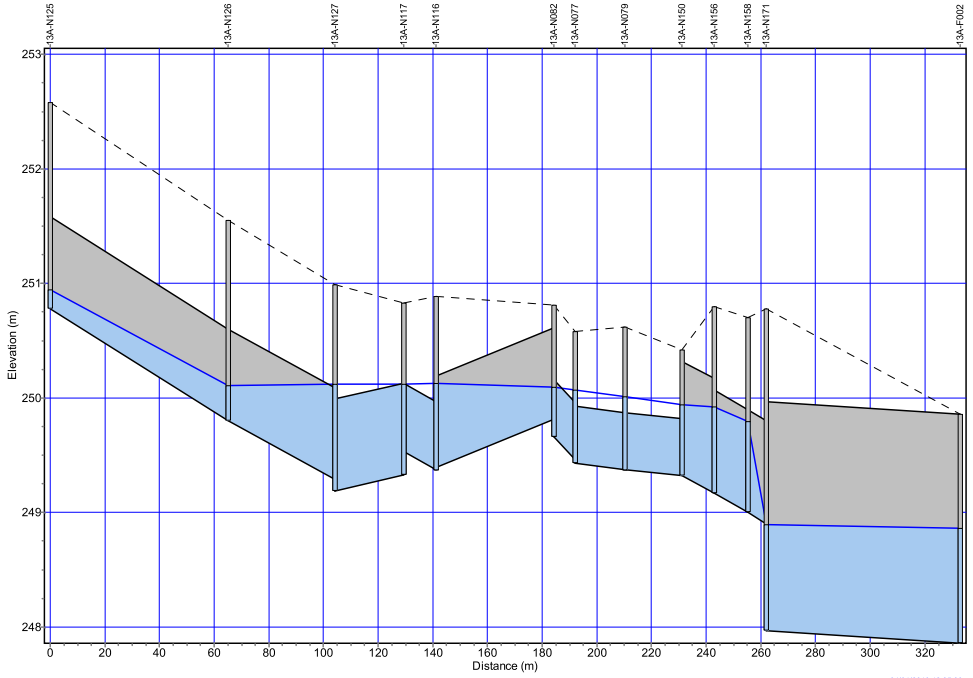
30) Node 13A-N125 - 13A-F002: *via Salcini nord*
31) Node 13A-N094 - 13A-F003: *via Salcini sud monte*
32) Node 13A-N094 - 13A-N138: *via Salcini sud valle*
33) Node 13A-N066 - 13A-N060: s*ud-ovest Campo Sportivo monte*
34) Node 13A-N060 - 13A-N144: s*ud-ovest Campo Sportivo valle*
35) Node 13A-N018 - 13A-N003: *S.S. n. 326*
36) Node 13B-N027 - 13B-N082: *adduzione sud impianto di sollevamento*
37) Node 13B-N067 - 13B-N082: *adduzione nord impianto di sollevamento*
38) Node 13A-N003 - 13A-N115: *Nord-Ovest Campo Sportivo Montallese*
39) Node 13B-N013 - 13B-N002: *via Fiorentina monte*
40) Node 13B-N002 - 13B-N065: *via Fiorentina valle*
41) Node 13B-N074 - 13B-N046: *via B. Cellini monte*
42) Node 13B-N046 - 13B-N071: *via B. Cellini valle*

Tr = 2 anni

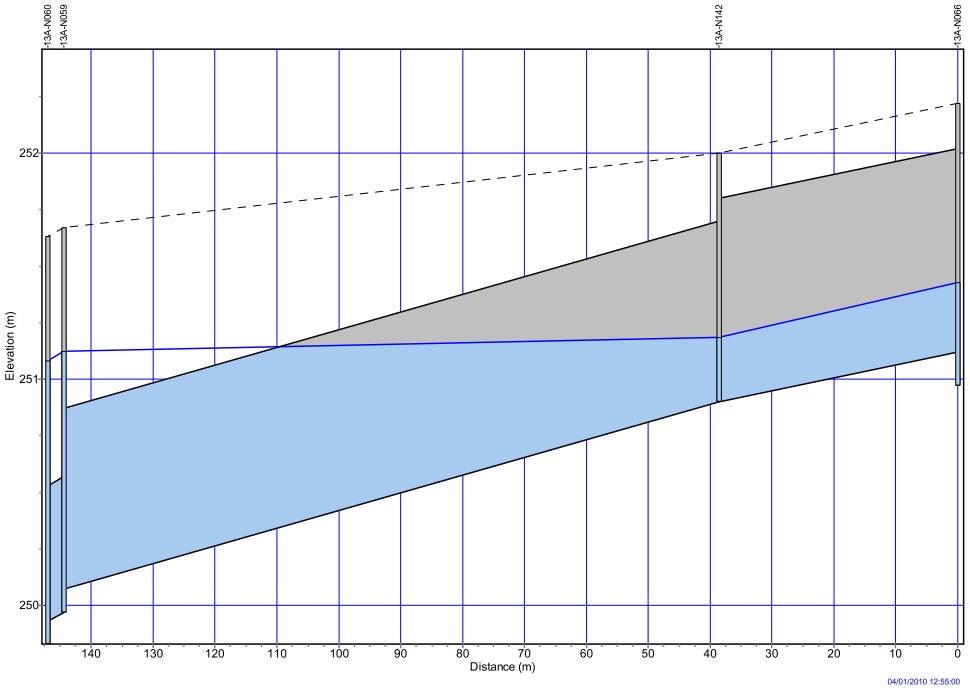
Water Elevation Profile: Node 13A-N094 - 13A-N138



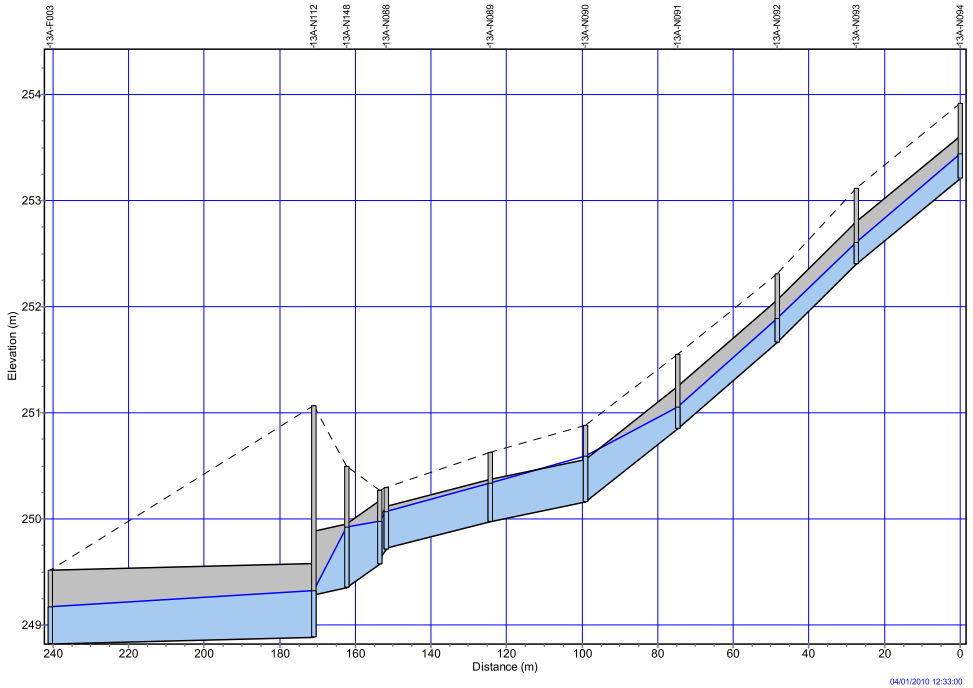
Water Elevation Profile: Node 13A-N125 - 13A-F002



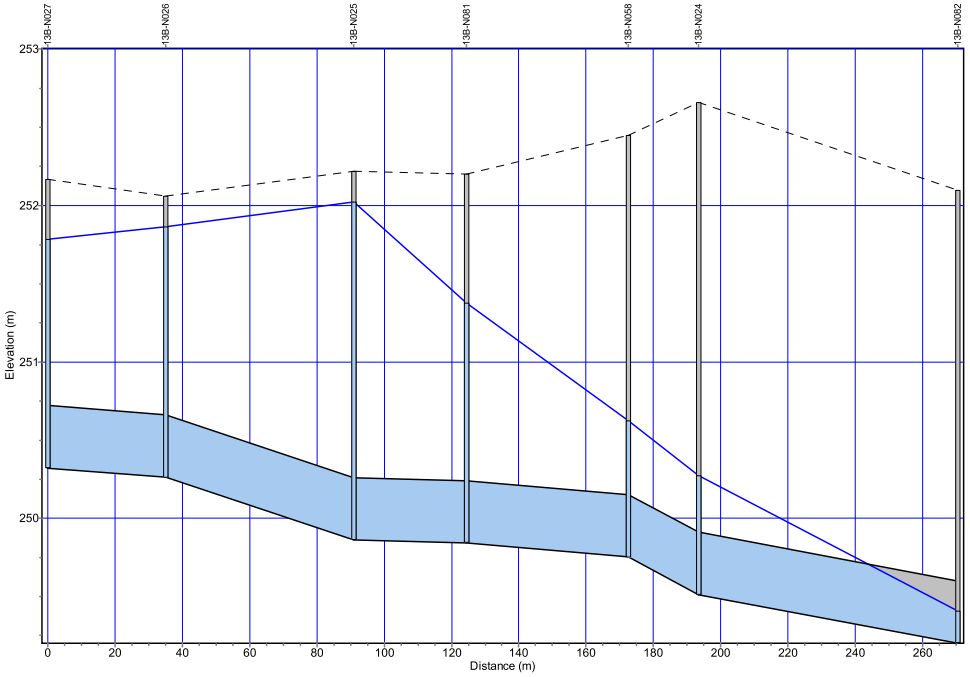
Water Elevation Profile: Node 13A-N066 - 13A-N060



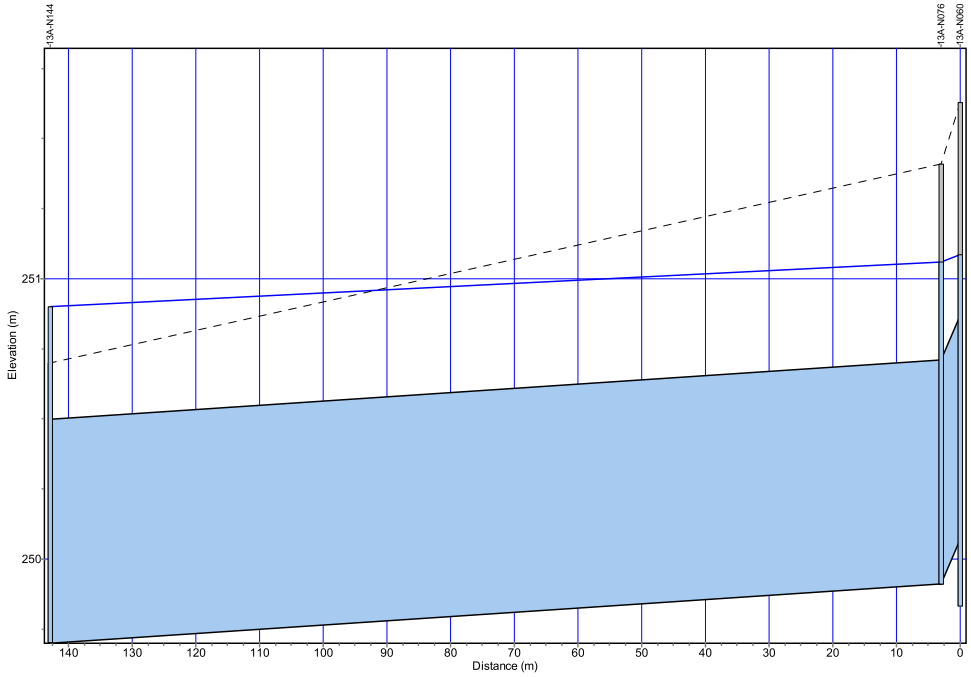
Water Elevation Profile: Node 13A-N094 - 13A-F003



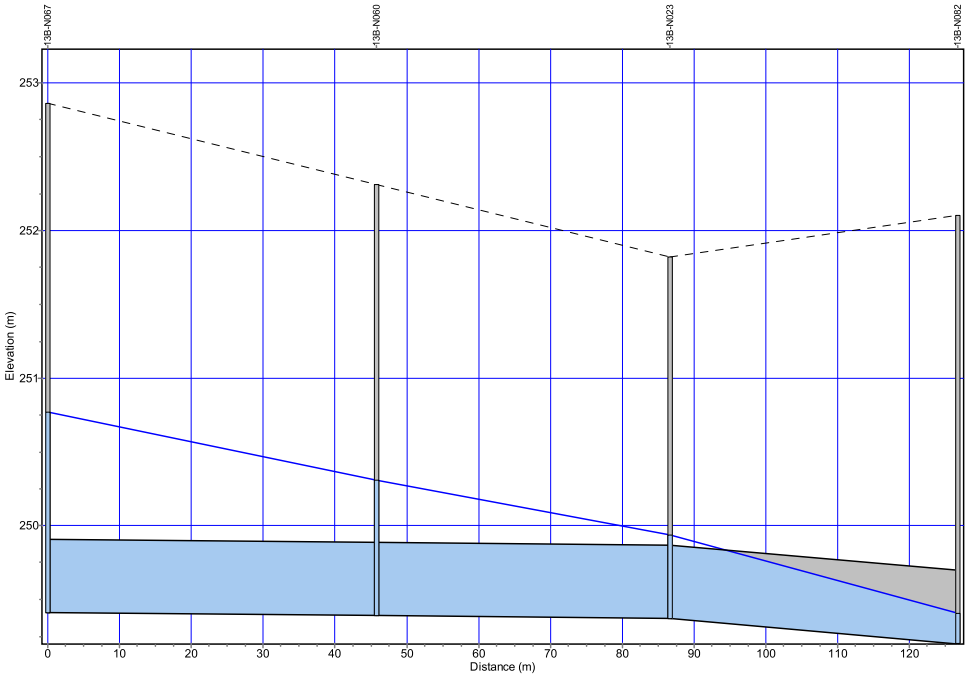
Water Elevation Profile: Node 13B-N027 - 13B-N082



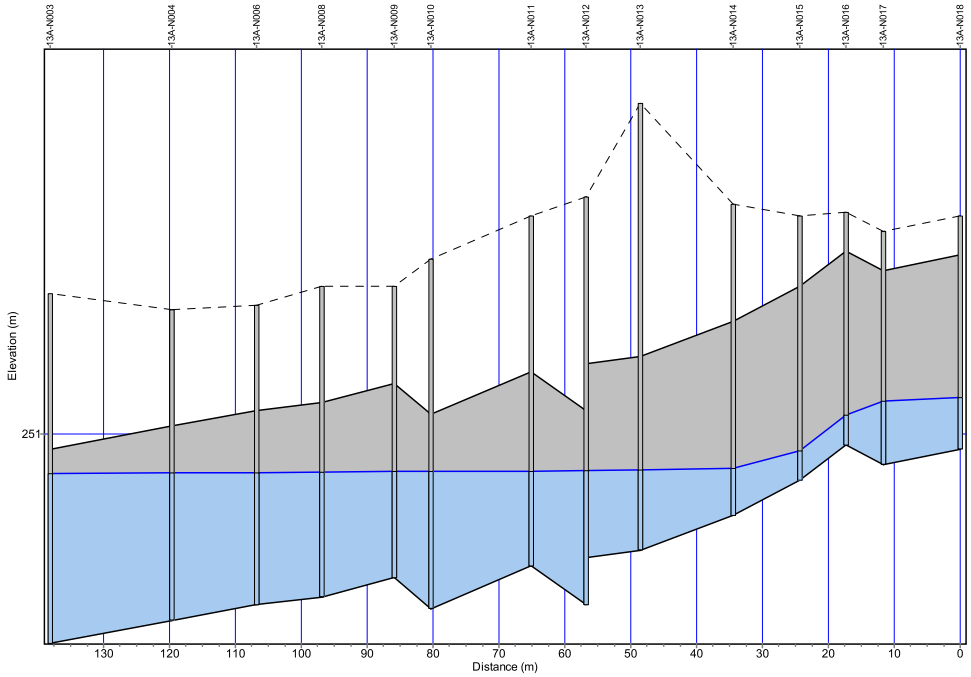
Water Elevation Profile: Node 13A-N060 - 13A-N144



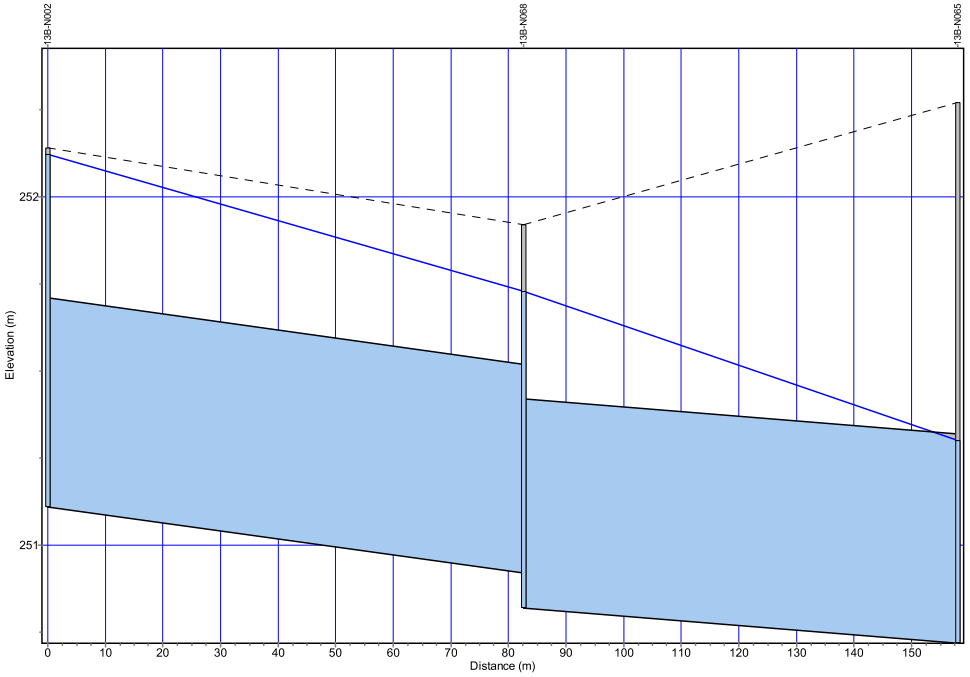
Water Elevation Profile: Node 13B-N067 - 13B-N082



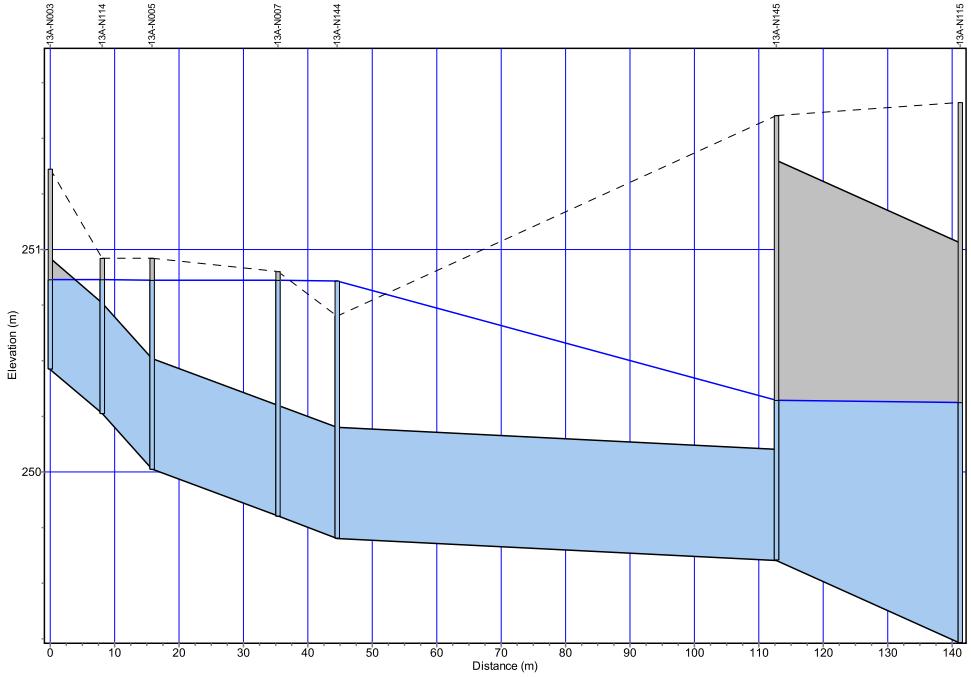
Water Elevation Profile: Node 13A-N018 - 13A-N003



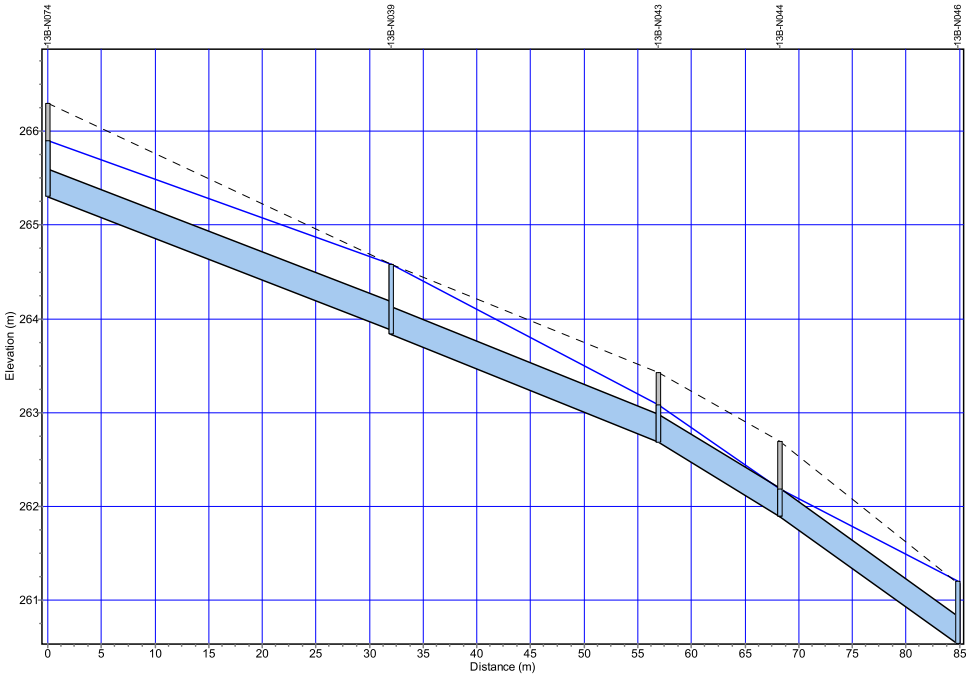
Water Elevation Profile: Node 13B-N002 - 13B-N065



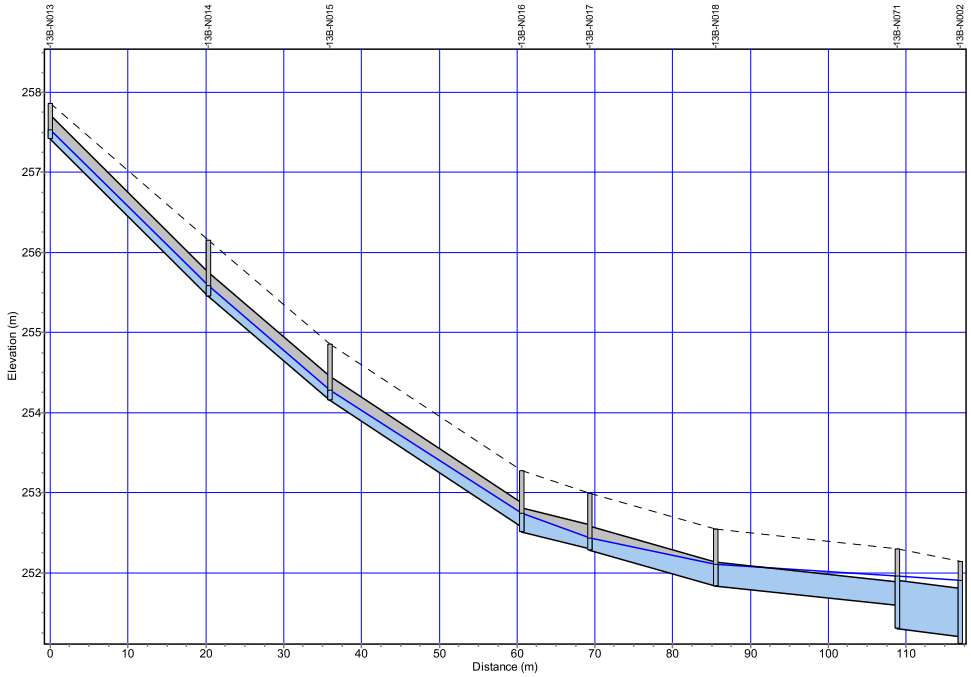
Water Elevation Profile: Node 13A-N003 - 13A-N115

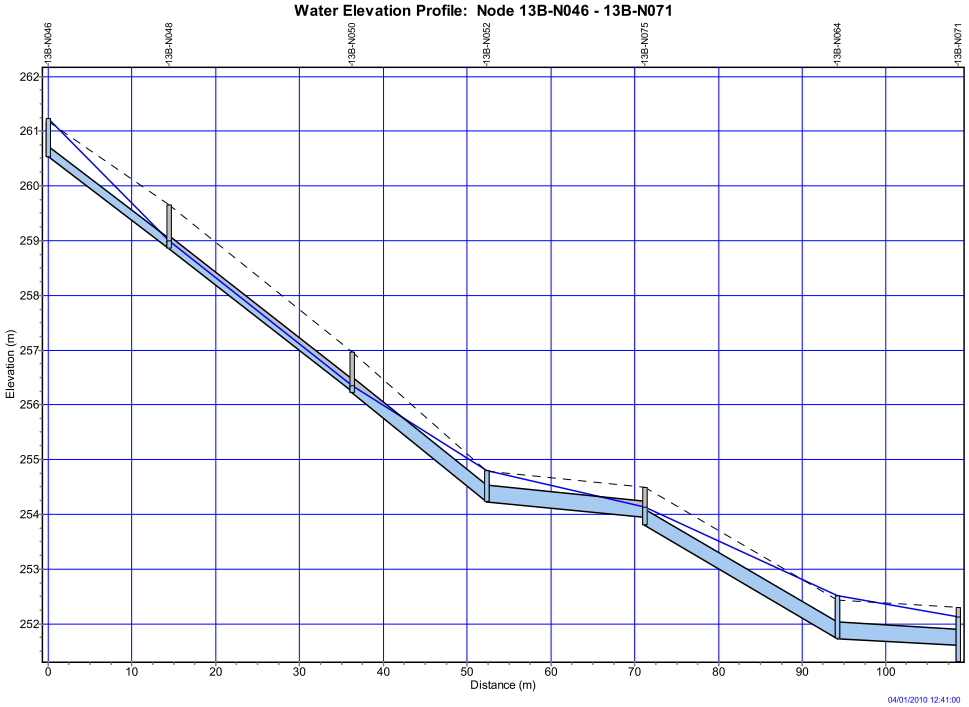


Water Elevation Profile: Node 13B-N074 - 13B-N046



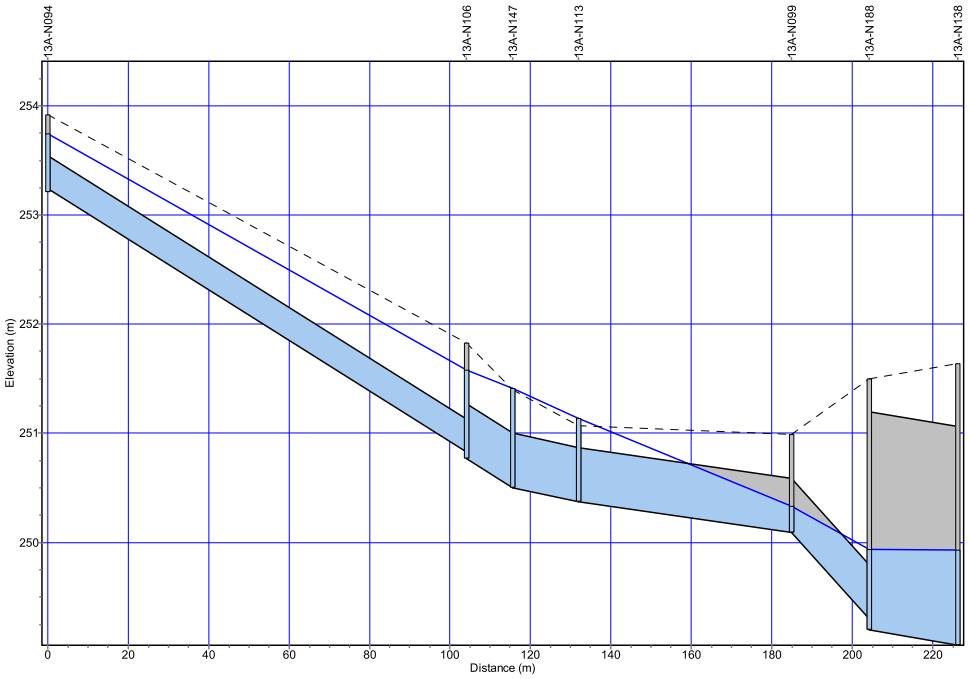
Water Elevation Profile: Node 13B-N013 - 13B-N002



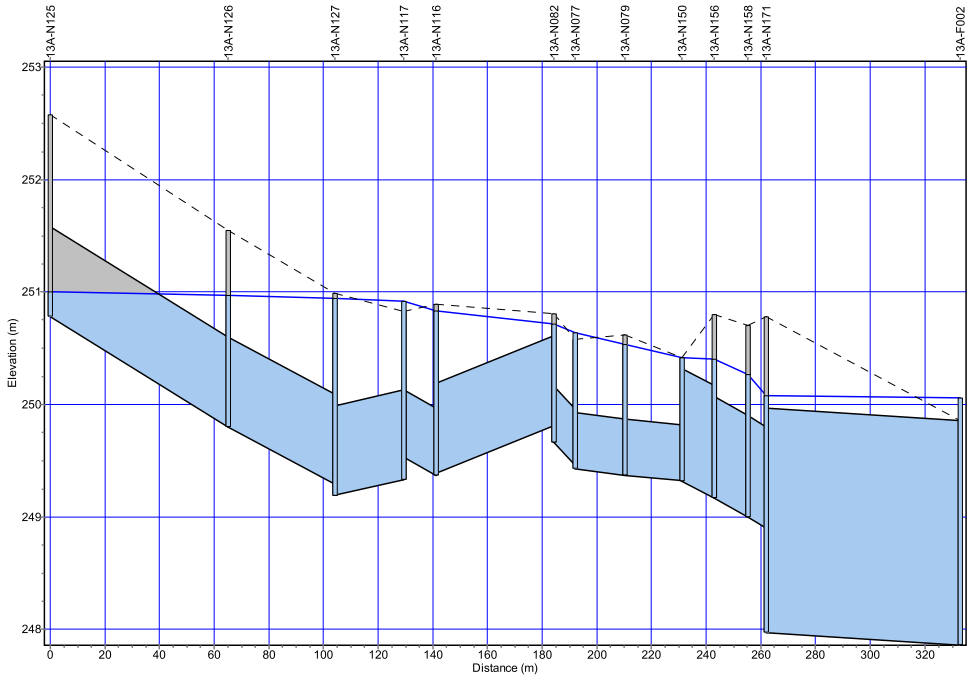

Water Elevation Profile: Node 13B-N046 - 13B-N071
13B-N046
13B-N048
13B-N050
13B-N052
13B-N075
13B-N064
13B-N071
262
261
260
259
258
257
256
255
254
253
252
Elevation (m)
0
10
20
30
40
50
60
70
80
90
100
Distance (m)
04/01/2010 12:41:00

Tr = 20 anni

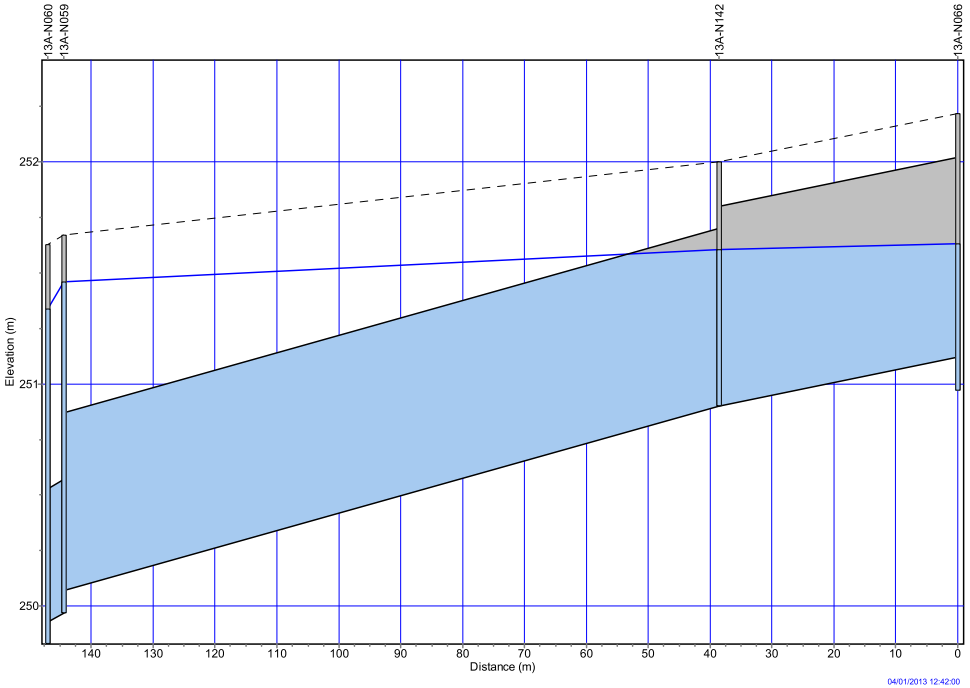
Water Elevation Profile: Node 13A-N094 - 13A-N138



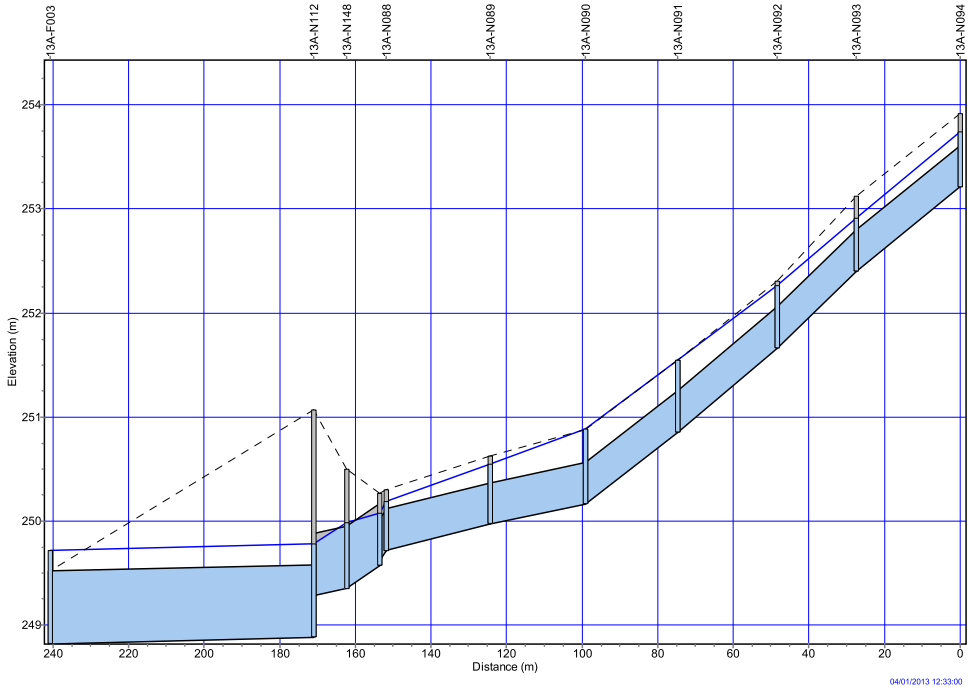
Water Elevation Profile: Node 13A-N125 - 13A-F002



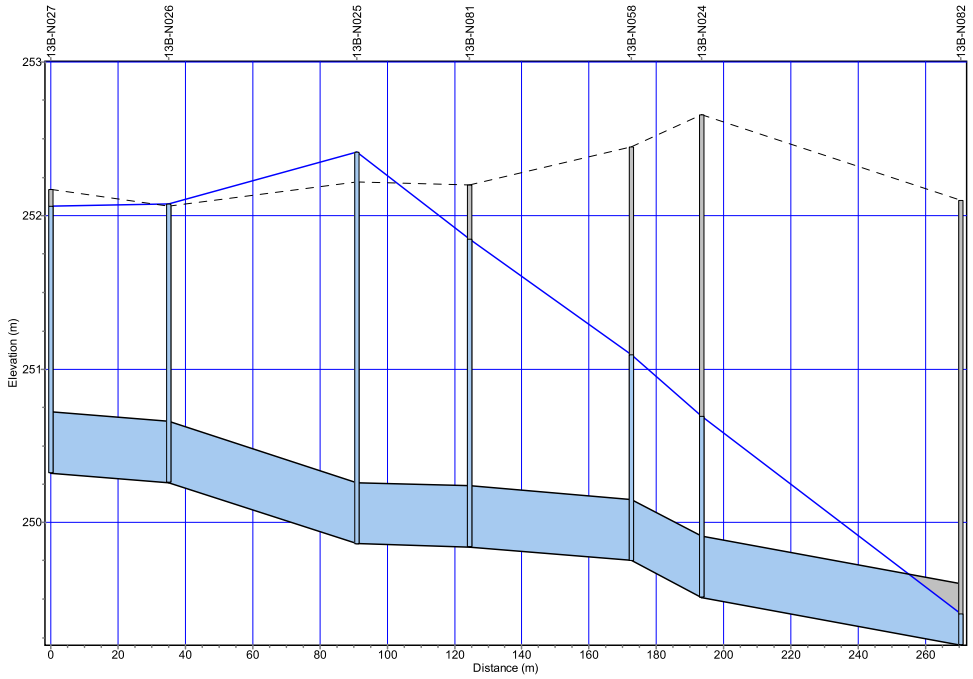
Water Elevation Profile: Node 13A-N066 - 13A-N060



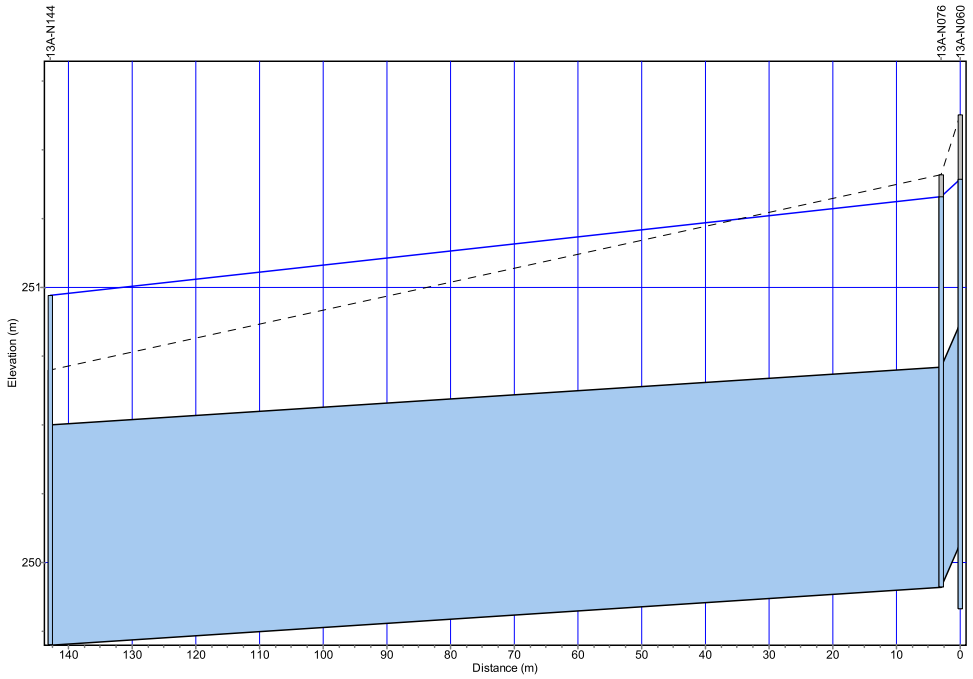
Water Elevation Profile: Node 13A-N094 - 13A-F003



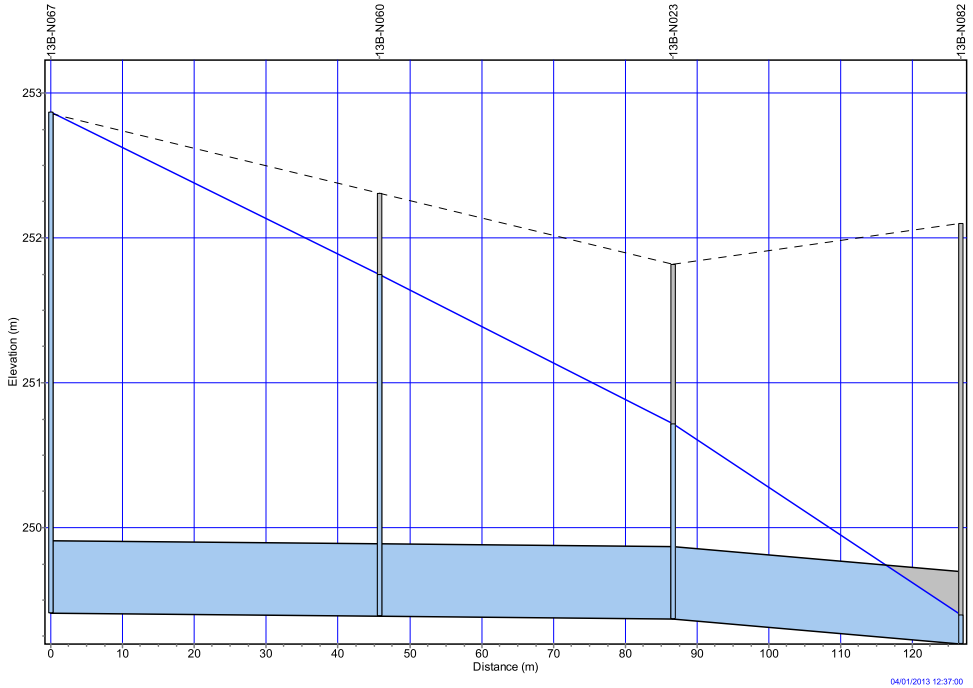
Water Elevation Profile: Node 13B-N027 - 13B-N082



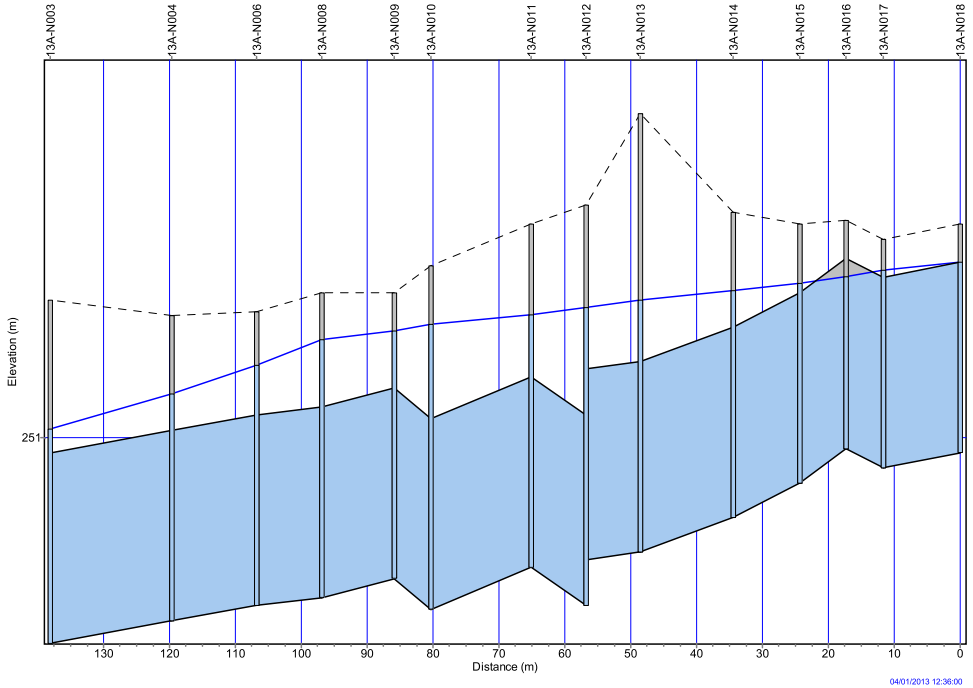
Water Elevation Profile: Node 13A-N060 - 13A-N144



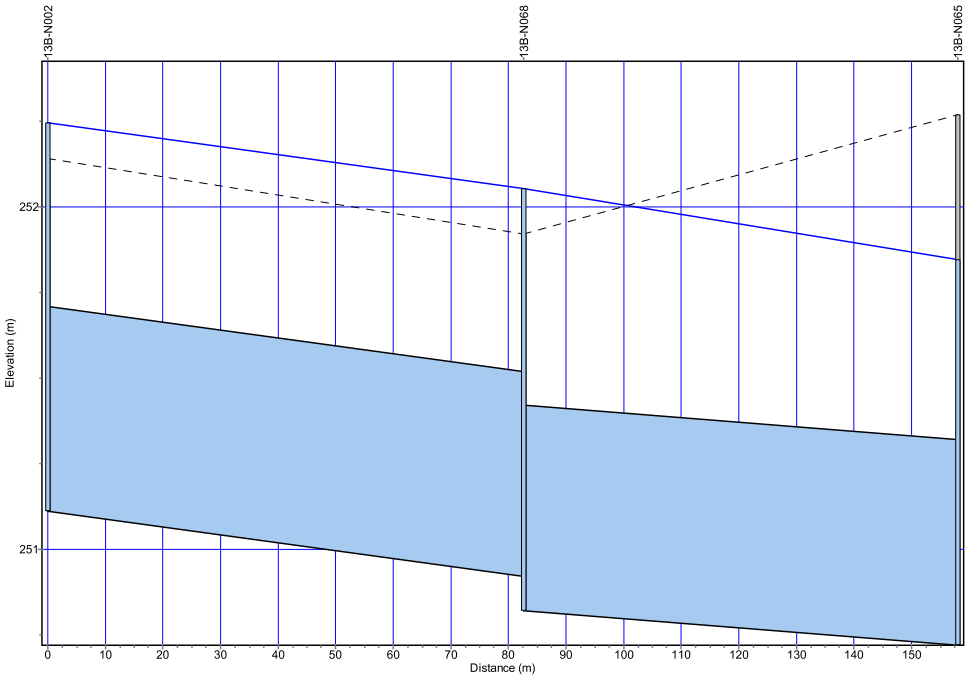
Water Elevation Profile: Node 13B-N067 - 13B-N082



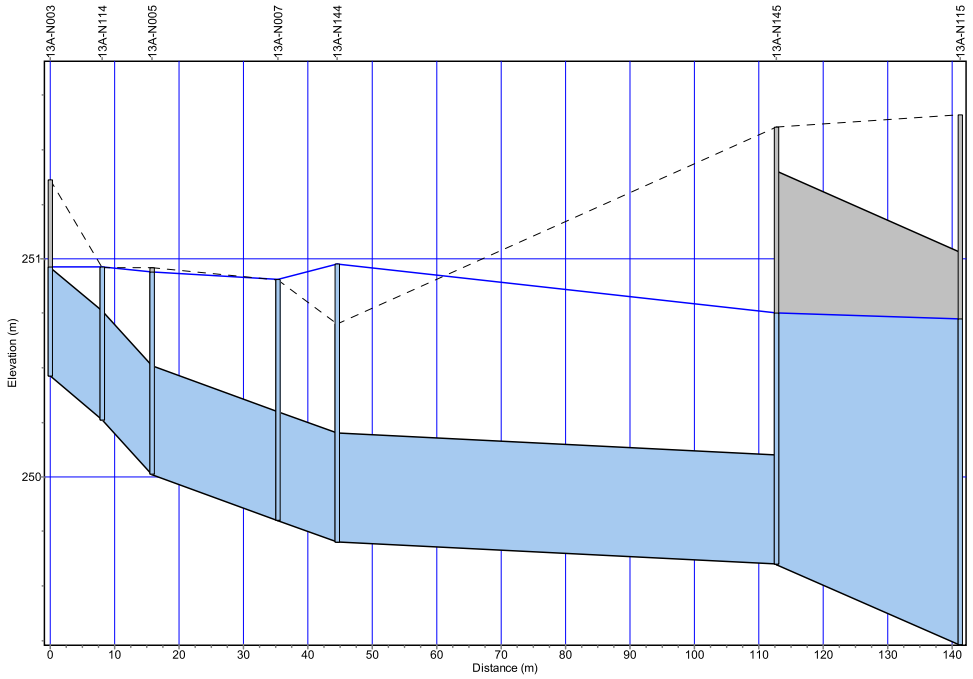
Water Elevation Profile: Node 13A-N018 - 13A-N003



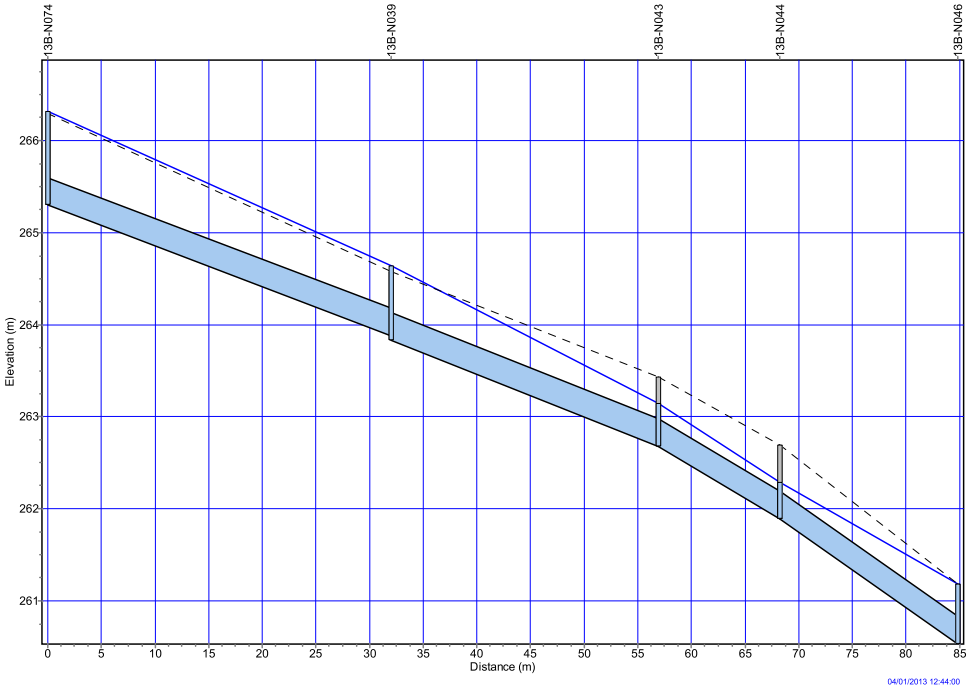
Water Elevation Profile: Node 13B-N002 - 13B-N065



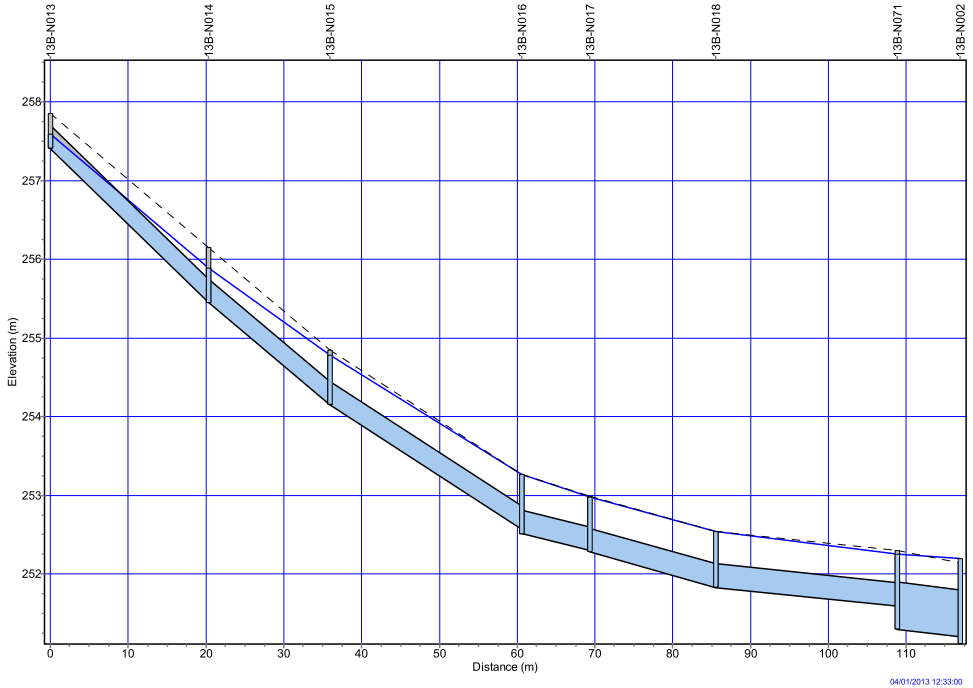
Water Elevation Profile: Node 13A-N003 - 13A-N115

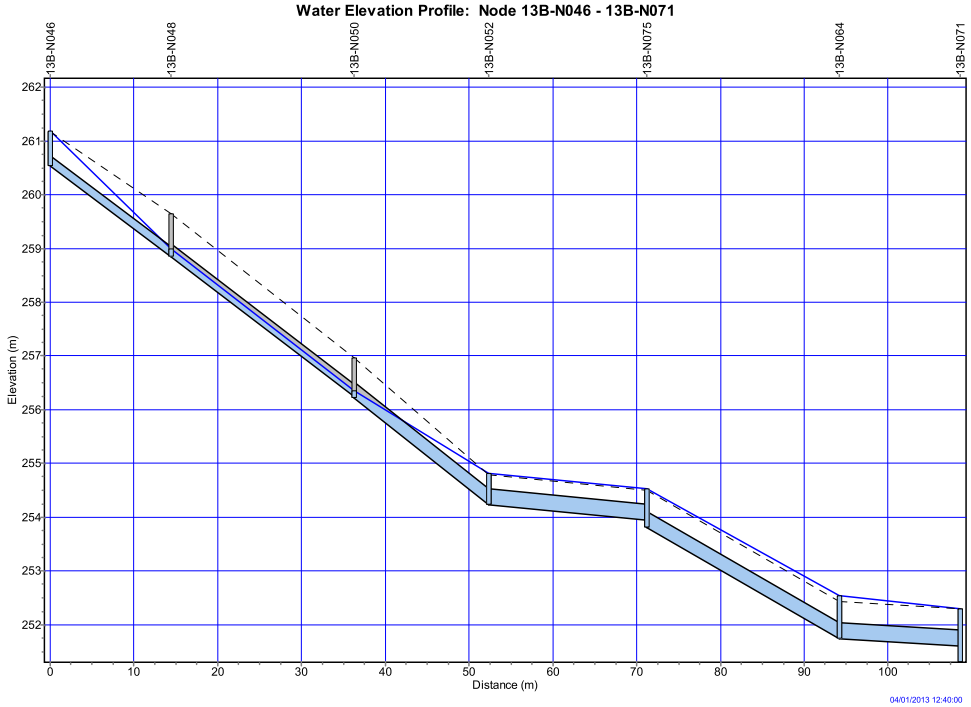


Water Elevation Profile: Node 13B-N074 - 13B-N046



Water Elevation Profile: Node 13B-N013 - 13B-N002




Water Elevation Profile: Node 13B-N046 - 13B-N071
13B-N046
13B-N048
13B-N050
13B-N052
13B-N075
13B-N064
13B-N071
262
261
260
259
258
257
256
255
254
253
252
Elevation (m)
0
10
20
30
40
50
60
70
80
90
100
Distance (m)
04/01/2013 12:40:00