

APPENDIX H. ASCII Input Files for AGNPS and WATFLOOD

This section includes the full ASCII input files for the 2x2km grid in Duffins Creek for both AGNPS and WATFLOOD models. These files were exported from the database of the grids for each project and are presented here as an example of the interaction between the interfaces and the models. Both files are for the same area in Duffins Creek as presented in Chapter 5 under the hydrology comparison. The data files were used as the base for rainfall modifications in order to calculate the hydrographs and peak flows compared in the mentioned section.

The files are:

For AGNPS:

<i>File: SNTAgDf92b.mdb</i>	<i>Grid: 2x2 km</i>	<i>ASCII: SNT_Ag2x2.dat</i>
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For WATFLOOD:

<i>File: SNTWDfbasU.mdb</i>	<i>Grid: 2x2 km</i>	<i>ASCII: SNT_Wf2x2.map</i>
<i>File: SNTWDfbasU.mdb</i>	<i>Grid: 2x2 km</i>	<i>ASCII: SNT_Wf2x2wqd</i>

ASCII file for AGNPS*File: SNTAgDf92b.mdb**Grid: 2x2 km**ASCII: SNT_Ag2x2.dat*

AGNPS SCS-TR55 format 5.00

	0	0	0	0	0	0	0
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Duffins (2x2km)

1992 Landuse

	1406.00	57	57	1	1	0	37.50
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	II	2.13	18.0	0.65	1.00		
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1	000	5	000	5	85.00	2.9	1
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	150	0.208	0.37	0.1213	1.00	0.17	67
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	2	1	0	0	0	0	7
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Soil:	0.0010	0.0005	5.00	2.00			
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	0.050	0.025	0.250	0.250	20		
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Fert:	50	20	50	50			
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Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192	
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	0.00	153.000	0.6000	1.45	10.00		
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	0.040	0	50	50	50		
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	1	1	1	1	1		
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2	000	6	000	5	86.00	2.8	1
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	150	0.202	0.36	0.1750	1.00	0.16	78
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	2	1	0	0	0	0	7
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Soil:	0.0010	0.0005	5.00	2.00			
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	0.050	0.025	0.250	0.250	20		
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Fert:	50	20	50	50			
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Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192	
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	0.00	153.000	0.6000	1.41	10.00		
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	0.040	0	50	50	50		
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	1	1	1	1	1		
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3	000	7	000	5	81.00	1.8	1
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	150	0.341	0.32	0.1232	1.00	0.24	81
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	2	1	0	0	0	0	7
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Soil:	0.0010	0.0005	5.00	2.00			
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	0.050	0.025	0.250	0.250	20		
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Fert:	50	20	50	50			
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Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192	
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	0.00	153.000	0.6000	0.88	10.00		
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	0.040	0	50	50	50		
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	1	1	1	1	1		
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4	000	8	000	5	82.00	1.2	1
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	150	0.281	0.26	0.1461	1.00	0.22	84
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	1	1	0	0	0	0	7
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Soil:	0.0010	0.0005	5.00	2.00			
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	0.050	0.025	0.250	0.250	20		
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Fert:	50	20	50	50			
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Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192	
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	0.00	153.000	0.6000	0.61	10.00		
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	0.040	0	50	50	50		
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	1	1	1	1	1		
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5	000	11	000	5	86.00	2.1	1
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	150	0.200	0.33	0.1491	1.00	0.17	75
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	2	1	0	0	0	0	7
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Soil:	0.0010	0.0005	5.00	2.00			
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	0.050	0.025	0.250	0.250	20		
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Fert:	50	20	50	50			
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Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192	
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	0.00	153.000	0.6000	1.07	10.00		
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	0.040	0	50	50	50		
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	1	1	1	1	1		
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6	000	12	000	5	83.00	1.5	1
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	150	0.259	0.34	0.2108	1.00	0.21	100
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	2	3	0	0	0	0	7
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Soil:	0.0010	0.0005	5.00	2.00			
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	0.050	0.025	0.250	0.250	20		
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Fert:	200	80	50	50			
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Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192	
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	0.00	153.000	0.6000	0.73	10.00		
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	0.040	0	50	50	50		
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	1	1	1	1	1		
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7	000	13	000	5	78.00	1.5	1
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	150	0.486	0.23	0.0676	1.00	0.28	71
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	1	1	0	0	0	0	7
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Soil:	0.0010	0.0005	5.00	2.00			
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	0.050	0.025	0.250	0.250	20		
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Fert:	50	20	50	50				
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192		
	0.00	153.000	0.6000	0.77	10.00			
	0.040	0	50	50	50			
	1	1	1	1	1			
8	000	14	000	5	81.00	2.5		1
	150	0.355	0.21	0.1640	1.00	0.25		94
	1	1	0	0	0	0		7
Soil:	0.0010	0.0005	5.00	2.00				
	0.050	0.025	0.250	0.250	20			
Fert:	50	20	50	50				
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192		
	0.00	153.000	0.6000	1.25	10.00			
	0.040	0	50	50	50			
	1	1	1	1	1			
9	000	15	000	5	82.00	1.4		1
	150	0.388	0.19	0.0986	1.00	0.21		68
	1	1	0	0	0	0		7
Soil:	0.0010	0.0005	5.00	2.00				
	0.050	0.025	0.250	0.250	20			
Fert:	50	20	50	50				
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192		
	0.00	153.000	0.6000	0.68	10.00			
	0.040	0	50	50	50			
	1	1	1	1	1			
10	000	16	000	5	59.00	2.0		1
	150	0.426	0.16	0.0932	1.00	0.25		72
	1	0	0	0	0	0		7
Soil:	0.0010	0.0005	5.00	2.00				
	0.050	0.025	0.250	0.250	20			
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192		
	0.00	153.000	0.6000	0.98	10.00			
	0.040	0	50	50	50			
	1	1	1	1	1			
11	000	18	000	5	89.00	1.5		1
	150	0.132	0.34	0.2517	1.00	0.14		99
	2	3	0	0	0	0		7
Soil:	0.0010	0.0005	5.00	2.00				
	0.050	0.025	0.250	0.250	20			
Fert:	200	80	50	50				
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192		
	0.00	153.000	0.6000	0.75	10.00			
	0.040	0	50	50	50			
	1	1	1	1	1			
12	000	19	000	5	86.00	1.4		1
	150	0.148	0.30	0.2717	1.00	0.18		113
	2	3	0	0	0	0		7
Soil:	0.0010	0.0005	5.00	2.00				
	0.050	0.025	0.250	0.250	20			
Fert:	200	80	50	50				
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192		
	0.00	153.000	0.6000	0.68	10.00			
	0.040	0	50	50	50			
	1	1	1	1	1			
13	000	20	000	5	89.00	2.0		1
	150	0.267	0.24	0.2574	1.00	0.21		113
	3	3	0	0	0	0		7
Soil:	0.0010	0.0005	5.00	2.00				
	0.050	0.025	0.250	0.250	20			
Fert:	200	80	50	50				
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192		
	0.00	153.000	0.6000	0.98	10.00			
	0.040	0	50	50	50			
	1	1	1	1	1			
14	000	21	000	5	81.00	2.9		1
	150	0.269	0.32	0.1441	1.00	0.23		85
	2	3	0	0	0	0		7
Soil:	0.0010	0.0005	5.00	2.00				
	0.050	0.025	0.250	0.250	20			
Fert:	200	80	50	50				
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192		
	0.00	153.000	0.6000	1.45	10.00			
	0.040	0	50	50	50			
	1	1	1	1	1			
15	000	22	000	5	81.00	2.1		1

	150	0.290	0.30	0.0961	1.00	0.24	73
	1	3	0	0	0	0	7
Soil:	0.0010	0.0005	5.00	2.00			
	0.050	0.025	0.250	0.250	20		
Fert:	200	80	50	50			
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192	
	0.00	153.000	0.6000	1.04	10.00		
	0.040	0	50	50	50		
	1	1	1	1	1		
16	000	22	000	6	79.00	2.1	1
	150	0.396	0.27	0.0812	1.00	0.25	69
	1	1	0	0	0	0	7
Soil:	0.0010	0.0005	5.00	2.00			
	0.050	0.025	0.250	0.250	20		
Fert:	50	20	50	50			
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192	
	0.00	153.000	0.6000	1.07	10.00		
	0.040	0	50	50	50		
	1	1	1	1	1		
17	000	24	000	5	76.00	2.5	1
	150	0.513	0.27	0.0481	1.00	0.29	67
	1	0	0	0	0	0	7
Soil:	0.0010	0.0005	5.00	2.00			
	0.050	0.025	0.250	0.250	20		
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192	
	0.00	153.000	0.6000	1.23	10.00		
	0.040	0	50	50	50		
	1	1	1	1	1		
18	000	19	000	3	84.00	1.4	1
	150	0.214	0.31	0.2438	1.00	0.19	106
	1	1	0	0	0	0	7
Soil:	0.0010	0.0005	5.00	2.00			
	0.050	0.025	0.250	0.250	20		
Fert:	50	20	50	50			
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192	
	0.00	153.000	0.6000	0.68	10.00		
	0.040	0	50	50	50		
	1	1	1	1	1		
19	000	27	000	5	84.00	1.2	1
	150	0.205	0.31	0.2318	1.00	0.20	105
	2	3	0	0	0	0	7
Soil:	0.0010	0.0005	5.00	2.00			
	0.050	0.025	0.250	0.250	20		
Fert:	200	80	50	50			
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192	
	0.00	153.000	0.6000	0.61	10.00		
	0.040	0	50	50	50		
	1	1	1	1	1		
20	000	28	000	5	89.00	1.2	1
	150	0.278	0.23	0.2010	1.00	0.22	99
	3	3	0	0	0	0	7
Soil:	0.0010	0.0005	5.00	2.00			
	0.050	0.025	0.250	0.250	20		
Fert:	200	80	50	50			
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192	
	0.00	153.000	0.6000	0.61	10.00		
	0.040	0	50	50	50		
	1	1	1	1	1		
21	000	30	000	4	89.00	1.4	1
	150	0.221	0.25	0.2035	1.00	0.21	99
	3	3	0	0	0	0	7
Soil:	0.0010	0.0005	5.00	2.00			
	0.050	0.025	0.250	0.250	20		
Fert:	200	80	50	50			
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192	
	0.00	153.000	0.6000	0.68	10.00		
	0.040	0	50	50	50		
	1	1	1	1	1		
22	000	30	000	5	83.00	2.1	1
	150	0.256	0.33	0.1767	1.00	0.22	92
	2	3	0	0	0	0	7
Soil:	0.0010	0.0005	5.00	2.00			
	0.050	0.025	0.250	0.250	20		
Fert:	200	80	50	50			
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192	

	0.00	153.000	0.6000	1.07	10.00		
	0.040	0	50	50	50		
	1	1	1	1	1		
23	000	31	000	5	78.00	4.5	1
	150	0.428	0.27	0.0616	1.00	0.27	68
	1	1	0	0	0	0	7
Soil:	0.0010	0.0005	5.00	2.00			
	0.050	0.025	0.250	0.250	20		
Fert:	50	20	50	50			
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192	
	0.00	153.000	0.6000	2.25	10.00		
	0.040	0	50	50	50		
	1	1	1	1	1		
24	000	32	000	5	77.00	5.4	1
	150	0.469	0.25	0.0493	1.00	0.28	65
	1	0	0	0	0	0	7
Soil:	0.0010	0.0005	5.00	2.00			
	0.050	0.025	0.250	0.250	20		
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192	
	0.00	153.000	0.6000	2.70	10.00		
	0.040	0	50	50	50		
	1	1	1	1	1		
25	000	32	000	6	78.00	4.6	1
	150	0.435	0.23	0.0906	1.00	0.28	77
	1	0	0	0	0	0	7
Soil:	0.0010	0.0005	5.00	2.00			
	0.050	0.025	0.250	0.250	20		
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192	
	0.00	153.000	0.6000	2.29	10.00		
	0.040	0	50	50	50		
	1	1	1	1	1		
26	000	34	000	4	86.00	1.2	1
	150	0.169	0.32	0.3184	1.00	0.18	126
	2	1	0	0	0	0	7
Soil:	0.0010	0.0005	5.00	2.00			
	0.050	0.025	0.250	0.250	20		
Fert:	50	20	50	50			
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192	
	0.00	153.000	0.6000	0.61	10.00		
	0.040	0	50	50	50		
	1	1	1	1	1		
27	000	34	000	5	86.00	1.7	1
	150	0.163	0.33	0.3405	1.00	0.18	131
	2	3	0	0	0	0	7
Soil:	0.0010	0.0005	5.00	2.00			
	0.050	0.025	0.250	0.250	20		
Fert:	200	80	50	50			
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192	
	0.00	153.000	0.6000	0.84	10.00		
	0.040	0	50	50	50		
	1	1	1	1	1		
28	000	34	000	6	85.00	1.4	1
	150	0.199	0.27	0.3148	1.00	0.19	126
	3	3	0	0	0	0	7
Soil:	0.0010	0.0005	5.00	2.00			
	0.050	0.025	0.250	0.250	20		
Fert:	200	80	50	50			
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192	
	0.00	153.000	0.6000	0.68	10.00		
	0.040	0	50	50	50		
	1	1	1	1	1		
29	000	37	000	4	86.00	1.0	1
	150	0.146	0.33	0.3727	1.00	0.17	138
	2	3	0	0	0	0	7
Soil:	0.0010	0.0005	5.00	2.00			
	0.050	0.025	0.250	0.250	20		
Fert:	200	80	50	50			
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192	
	0.00	153.000	0.6000	0.52	10.00		
	0.040	0	50	50	50		
	1	1	1	1	1		
30	000	38	000	4	83.00	1.9	1
	150	0.271	0.34	0.2015	1.00	0.21	97
	2	3	0	0	0	0	7
Soil:	0.0010	0.0005	5.00	2.00			

	0.050	0.025	0.250	0.250	20		
Fert:	200	80	50	50			
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192	
	0.00	153.000	0.6000	0.93	10.00		
	0.040	0	50	50	50		
	1	1	1	1	1		
31	000	38	000	5	81.00	3.2	1
	150	0.316	0.29	0.1823	1.00	0.24	96
	2	1	0	0	0	0	7
Soil:	0.0010	0.0005	5.00	2.00			
	0.050	0.025	0.250	0.250	20		
Fert:	50	20	50	50			
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192	
	0.00	153.000	0.6000	1.59	10.00		
	0.040	0	50	50	50		
	1	1	1	1	1		
32	000	38	000	6	80.00	2.1	1
	150	0.373	0.21	0.1231	1.00	0.26	83
	1	1	0	0	0	0	7
Soil:	0.0010	0.0005	5.00	2.00			
	0.050	0.025	0.250	0.250	20		
Fert:	50	20	50	50			
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192	
	0.00	153.000	0.6000	1.04	10.00		
	0.040	0	50	50	50		
	1	1	1	1	1		
33	000	32	000	7	84.00	4.0	1
	150	0.206	0.25	0.2525	1.00	0.20	111
	1	0	0	0	0	0	7
Soil:	0.0010	0.0005	5.00	2.00			
	0.050	0.025	0.250	0.250	20		
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192	
	0.00	153.000	0.6000	2.02	10.00		
	0.040	0	50	50	50		
	1	1	1	1	1		
34	000	39	000	5	83.00	1.0	1
	150	0.250	0.28	0.2028	1.00	0.22	98
	2	3	0	0	0	0	7
Soil:	0.0010	0.0005	5.00	2.00			
	0.050	0.025	0.250	0.250	20		
Fert:	200	80	50	50			
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192	
	0.00	153.000	0.6000	0.50	10.00		
	0.040	0	50	50	50		
	1	1	1	1	1		
35	000	34	000	7	84.00	1.6	1
	150	0.188	0.35	0.2860	1.00	0.19	117
	2	3	0	0	0	0	7
Soil:	0.0010	0.0005	5.00	2.00			
	0.050	0.025	0.250	0.250	20		
Fert:	200	80	50	50			
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192	
	0.00	153.000	0.6000	0.79	10.00		
	0.040	0	50	50	50		
	1	1	1	1	1		
36	000	42	000	4	83.00	1.9	1
	150	0.226	0.37	0.1709	1.00	0.21	88
	2	3	0	0	0	0	7
Soil:	0.0010	0.0005	5.00	2.00			
	0.050	0.025	0.250	0.250	20		
Fert:	200	80	50	50			
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192	
	0.00	153.000	0.6000	0.95	10.00		
	0.040	0	50	50	50		
	1	1	1	1	1		
37	000	42	000	5	84.00	3.2	1
	150	0.204	0.36	0.2198	1.00	0.20	101
	2	3	0	0	0	0	7
Soil:	0.0010	0.0005	5.00	2.00			
	0.050	0.025	0.250	0.250	20		
Fert:	200	80	50	50			
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192	
	0.00	153.000	0.6000	1.61	10.00		
	0.040	0	50	50	50		
	1	1	1	1	1		

38	000	43	000	5	81.00	2.7	1
	150	0.357	0.26	0.1121	1.00	0.24	77
	1	1	0	0	0	0	7
Soil:	0.0010	0.0005	5.00	2.00			
	0.050	0.025	0.250	0.250	20		
Fert:	50	20	50	50			
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192	
	0.00	153.000	0.6000	1.34	10.00		
	0.040	0	50	50	50		
	1	1	1	1	1		
39	000	44	000	4	84.00	1.4	1
	150	0.210	0.29	0.3073	1.00	0.20	124
	1	1	0	0	0	0	7
Soil:	0.0010	0.0005	5.00	2.00			
	0.050	0.025	0.250	0.250	20		
Fert:	50	20	50	50			
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192	
	0.00	153.000	0.6000	0.68	10.00		
	0.040	0	50	50	50		
	1	1	1	1	1		
40	000	44	000	5	84.00	2.3	1
	150	0.204	0.34	0.2611	1.00	0.20	112
	2	3	0	0	0	0	7
Soil:	0.0010	0.0005	5.00	2.00			
	0.050	0.025	0.250	0.250	20		
Fert:	200	80	50	50			
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192	
	0.00	153.000	0.6000	1.13	10.00		
	0.040	0	50	50	50		
	1	1	1	1	1		
41	000	45	000	5	83.00	2.3	1
	150	0.233	0.35	0.1802	1.00	0.21	89
	2	3	0	0	0	0	7
Soil:	0.0010	0.0005	5.00	2.00			
	0.050	0.025	0.250	0.250	20		
Fert:	200	80	50	50			
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192	
	0.00	153.000	0.6000	1.16	10.00		
	0.040	0	50	50	50		
	1	1	1	1	1		
42	000	47	000	4	84.00	2.5	1
	150	0.210	0.29	0.2820	1.00	0.20	117
	2	3	0	0	0	0	7
Soil:	0.0010	0.0005	5.00	2.00			
	0.050	0.025	0.250	0.250	20		
Fert:	200	80	50	50			
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192	
	0.00	153.000	0.6000	1.27	10.00		
	0.040	0	50	50	50		
	1	1	1	1	1		
43	000	47	000	5	80.00	1.8	1
	150	0.379	0.26	0.1409	1.00	0.26	88
	1	1	0	0	0	0	7
Soil:	0.0010	0.0005	5.00	2.00			
	0.050	0.025	0.250	0.250	20		
Fert:	50	20	50	50			
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192	
	0.00	153.000	0.6000	0.91	10.00		
	0.040	0	50	50	50		
	1	1	1	1	1		
44	000	49	000	4	80.00	2.4	1
	150	0.364	0.28	0.1430	1.00	0.25	87
	1	1	0	0	0	0	7
Soil:	0.0010	0.0005	5.00	2.00			
	0.050	0.025	0.250	0.250	20		
Fert:	50	20	50	50			
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192	
	0.00	153.000	0.6000	1.20	10.00		
	0.040	0	50	50	50		
	1	1	1	1	1		
45	000	50	000	4	80.00	3.3	1
	150	0.369	0.28	0.0863	1.00	0.25	70
	1	1	0	0	0	0	7
Soil:	0.0010	0.0005	5.00	2.00			
	0.050	0.025	0.250	0.250	20		

Fert:	50	20	50	50				
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192		
	0.00	153.000	0.6000	1.63	10.00			
	0.040	0	50	50	50			
	1	1	1	1	1			
46	000	50	000	5	78.00	1.8	1	
	150	0.439	0.26	0.0615	1.00	0.27	67	
	1	1	0	0	0	0	7	
Soil:	0.0010	0.0005	5.00	2.00				
	0.050	0.025	0.250	0.250	20			
Fert:	50	20	50	50				
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192		
	0.00	153.000	0.6000	0.88	10.00			
	0.040	0	50	50	50			
	1	1	1	1	1			
47	000	51	000	5	77.00	2.6	1	
	150	0.470	0.23	0.0793	1.00	0.28	75	
	1	1	0	0	0	0	7	
Soil:	0.0010	0.0005	5.00	2.00				
	0.050	0.025	0.250	0.250	20			
Fert:	50	20	50	50				
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192		
	0.00	153.000	0.6000	1.29	10.00			
	0.040	0	50	50	50			
	1	1	1	1	1			
48	000	52	000	5	80.00	2.3	1	
	150	0.408	0.27	0.1241	1.00	0.25	82	
	1	0	0	0	0	0	7	
Soil:	0.0010	0.0005	5.00	2.00				
	0.050	0.025	0.250	0.250	20			
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192		
	0.00	153.000	0.6000	1.13	10.00			
	0.040	0	50	50	50			
	1	1	1	1	1			
49	000	53	000	4	82.00	2.1	1	
	150	0.382	0.25	0.0351	1.00	0.21	45	
	1	0	0	0	0	0	7	
Soil:	0.0010	0.0005	5.00	2.00				
	0.050	0.025	0.250	0.250	20			
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192		
	0.00	153.000	0.6000	1.06	10.00			
	0.040	0	50	50	50			
	1	1	1	1	1			
50	000	53	000	5	84.00	1.6	1	
	150	0.268	0.27	0.1010	1.00	0.20	67	
	1	1	0	0	0	0	7	
Soil:	0.0010	0.0005	5.00	2.00				
	0.050	0.025	0.250	0.250	20			
Fert:	50	20	50	50				
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192		
	0.00	153.000	0.6000	0.82	10.00			
	0.040	0	50	50	50			
	1	1	1	1	1			
51	000	50	000	7	88.00	0.5	1	
	150	0.191	0.28	0.1336	1.00	0.15	68	
	1	1	0	0	0	0	7	
Soil:	0.0010	0.0005	5.00	2.00				
	0.050	0.025	0.250	0.250	20			
Fert:	50	20	50	50				
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192		
	0.00	153.000	0.6000	0.25	10.00			
	0.040	0	50	50	50			
	1	1	1	1	1			
52	000	54	000	6	88.00	0.7	1	
	150	0.175	0.27	0.2043	1.00	0.15	87	
	1	1	0	0	0	0	7	
Soil:	0.0010	0.0005	5.00	2.00				
	0.050	0.025	0.250	0.250	20			
Fert:	50	20	50	50				
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192		
	0.00	153.000	0.6000	0.36	10.00			
	0.040	0	50	50	50			
	1	1	1	1	1			
53	000	54	000	3	91.00	0.9	1	
	150	0.165	0.27	0.0663	1.00	0.10	41	

	1	0	0	0	0	0	7
Soil:	0.0010	0.0005	5.00	2.00			
	0.050	0.025	0.250	0.250	20		
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192	
	0.00	153.000	0.6000	0.43	10.00		
	0.040	0	50	50	50		
	1	1	1	1	1		
54	000	57	000	5	96.00	1.2	1
	150	0.051	0.29	0.0444	1.00	0.03	24
	3	0	0	0	0	0	7
Soil:	0.0010	0.0005	5.00	2.00			
	0.050	0.025	0.250	0.250	20		
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192	
	0.00	153.000	0.6000	0.59	10.00		
	0.040	0	50	50	50		
	1	1	1	1	1		
55	000	54	000	7	93.00	0.0	1
	150	0.087	0.28	0.0980	1.00	0.08	46
	1	0	0	0	0	0	7
Soil:	0.0010	0.0005	5.00	2.00			
	0.050	0.025	0.250	0.250	20		
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192	
	0.00	153.000	0.6000	0.00	10.00		
	0.040	0	50	50	50		
	1	1	1	1	1		
56	000	57	000	3	95.00	0.6	1
	150	0.111	0.30	0.0861	1.00	0.06	40
	3	0	0	0	0	0	7
Soil:	0.0010	0.0005	5.00	2.00			
	0.050	0.025	0.250	0.250	20		
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192	
	0.00	153.000	0.6000	0.32	10.00		
	0.040	0	50	50	50		
	1	1	1	1	1		
57	000	58	000	5	90.00	0.7	1
	150	0.275	0.27	0.0877	1.00	0.10	50
	3	0	0	0	0	0	7
Soil:	0.0010	0.0005	5.00	2.00			
	0.050	0.025	0.250	0.250	20		
Channel:	0.00	3.4250	0.3151	0.00	0.4537	0.2192	
	0.00	153.000	0.6000	0.36	10.00		
	0.040	0	50	50	50		
	1	1	1	1	1		

ASCII file for WATFLOOD*File: SNTWDFbasU.mdb**Grid: 2x2 km**ASCII: SNT_Wf2x2.map*

WATFLOOD MAP FILE:

```

3      1      9    123      0
      2000 10.0      0      5  1.0
4850 4878 636 658
elevations
0 0 0 0 0 0 0 0 0 0 0 0
0 0 341 325 317 308 320 343 331 0 0 0
0 320 300 297 295 302 313 317 292 268 0 0
0 283 281 288 282 274 276 239 209 208 0 0
0 0 263 266 245 243 242 239 189 188 0 0
0 0 250 240 230 226 233 207 161 161 0 0
0 0 0 229 223 217 230 217 153 145 0 0
0 0 0 205 199 201 218 190 136 132 126 0
0 0 0 0 183 182 202 173 139 109 115 0
0 0 0 0 189 170 167 140 122 98 104 0
0 0 0 0 0 169 146 116 104 89 96 0
0 0 0 0 0 0 0 0 88 87 81 0
0 0 0 0 0 0 0 0 0 74 73 0
0 0 0 0 0 0 0 0 0 0 72 70
0 0 0 0 0 0 0 0 0 0 0 0
element areas
0 0 0 0 0 0 0 0 0 0 0 0
0 0 22 33 68 100 99 31 73 0 0 0
0 42 99 100 100 100 100 100 100 99 0 0
0 19 100 100 100 100 100 100 100 86 0 0
0 0 99 100 100 100 100 100 100 72 0 0
0 0 62 100 100 100 100 100 100 23 0 0
0 0 0 76 100 100 100 100 100 57 0 0
0 0 0 42 100 100 100 100 100 90 13 0
0 0 0 0 94 100 100 100 100 100 83 0
0 0 0 0 21 85 100 100 100 100 100 0
0 0 0 0 0 26 70 99 100 100 100 0
0 0 0 0 0 0 0 0 52 100 100 0
0 0 0 0 0 0 0 0 0 34 99 0
0 0 0 0 0 0 0 0 0 0 28 0
0 0 0 0 0 0 0 0 0 0 0 0
drainage directions
0 0 0 0 0 0 0 0 0 0 0 0
0 0 4 4 4 4 4 4 4 0 0 0
0 4 4 4 4 4 4 4 4 4 0 0
0 3 4 4 4 4 3 3 3 4 0 0
0 0 3 4 3 4 4 2 4 4 0 0
0 0 3 2 4 4 2 2 4 4 0 0
0 0 0 4 4 5 5 2 3 4 0 0
0 0 0 3 3 4 4 3 3 4 5 0
0 0 0 0 3 3 4 3 3 4 4 0
0 0 0 0 2 3 2 4 4 4 4 0
0 0 0 0 0 2 2 2 2 3 4 0
0 0 0 0 0 0 0 2 2 4 0
0 0 0 0 0 0 0 0 2 4 0
0 0 0 0 0 0 0 0 0 2 0
0 0 0 0 0 0 0 0 0 0 0
basin number
0 0 0 0 0 0 0 0 0 0 0 0
0 0 1 1 1 1 1 1 1 0 0 0
0 1 1 1 1 1 1 1 1 0 0 0
0 1 1 1 1 1 1 1 1 0 0 0
0 0 1 1 1 1 1 1 1 0 0 0
0 0 1 1 1 1 1 1 1 0 0 0
0 0 0 1 1 1 1 1 1 0 0 0
0 0 0 1 1 1 1 1 1 1 0 0
0 0 0 0 1 1 1 1 1 1 0 0
0 0 0 0 0 1 1 1 1 1 0 0
0 0 0 0 0 0 0 0 1 1 0 0
0 0 0 0 0 0 0 0 0 1 0 0
0 0 0 0 0 0 0 0 0 0 0 0
contour density
0 0 0 0 0 0 0 0 0 0 0 0
0 0 2 2 3 4 4 2 5 0 0 0

```

[illegible]

ASCII file for WATFLOOD

File: SNTWdfbasU.mdb

Grid: 2x2 km

ASCII: SNT_Wf2x2.wqd

SEDIMENT DATA

```

9806 1000 .000001 9.8066 .00066 1.61
0.10 0.10 0.80 0.50 0.60 0.00
0.90 0.90 0.40 0.60 0.50 0.00
particle size d50 [mm]
0 0 0 0 0 0 0 0 0 0 0 0
0 0 0.079 0.078 0.100 0.107 0.107 0.105 0.105 0 0 0
0 0.088 0.093 0.152 0.290 0.156 0.104 0.104 0.105 0.105 0 0
0 0.083 0.108 0.108 0.187 0.090 0.084 0.103 0.105 0.106 0 0
0 0 0.098 0.137 0.278 0.236 0.206 0.078 0.093 0.105 0 0
0 0 0.083 0.103 0.248 0.265 0.209 0.081 0.094 0.105 0 0
0 0 0 0.127 0.102 0.216 0.124 0.084 0.103 0.188 0 0
0 0 0 0.132 0.099 0.083 0.075 0.078 0.087 0.107 0.104 0
0 0 0 0 0.152 0.085 0.076 0.078 0.093 0.105 0.104 0
0 0 0 0 0.181 0.092 0.079 0.082 0.102 0.103 0.117 0
0 0 0 0 0 0.098 0.092 0.095 0.098 0.142 0.232 0
0 0 0 0 0 0 0 0 0.096 0.115 0.222 0
0 0 0 0 0 0 0 0 0 0.104 0.301 0
0 0 0 0 0 0 0 0 0 0 0.358 0
0 0 0 0 0 0 0 0 0 0 0 0
specific weight [-]
0 0 0 0 0 0 0 0 0 0 0 0
0 0 2.02 2.02 2.15 2.27 2.31 2.12 2.11 0 0 0
0 2.00 2.01 2.02 2.14 2.08 2.11 2.11 2.11 2.16 0 0
0 2.09 2.01 2.00 2.05 2.04 2.04 2.11 2.13 2.18 0 0
0 0 2.04 2.01 1.93 1.99 1.99 2.04 2.18 2.16 0 0
0 0 2.07 2.07 1.99 1.92 2.00 2.06 2.14 2.17 0 0
0 0 0 2.09 2.05 2.02 1.98 2.02 2.08 2.05 0 0
0 0 0 2.04 2.05 2.09 2.02 2.05 2.10 2.11 2.11 0
0 0 0 0 2.04 2.06 2.02 2.05 2.11 2.17 2.11 0
0 0 0 0 2.00 2.10 2.07 2.08 2.14 2.18 2.09 0
0 0 0 0 0 2.10 2.13 2.11 2.13 2.09 1.93 0
0 0 0 0 0 0 0 0 2.12 2.09 1.96 0
0 0 0 0 0 0 0 0 0 2.10 1.90 0
0 0 0 0 0 0 0 0 0 0 1.85 0
0 0 0 0 0 0 0 0 0 0 0 0
erodibility [g/J]
0 0 0 0 0 0 0 0 0 0 0 0
0 0 1.81 1.82 1.25 0.81 0.70 1.30 1.35 0 0 0
0 1.87 1.81 1.57 0.71 1.27 1.34 1.35 1.32 1.18 0 0
0 1.56 1.76 1.78 1.24 1.68 1.72 1.33 1.27 1.10 0 0
0 0 1.66 1.61 1.26 1.26 1.38 1.76 1.20 1.18 0 0
0 0 1.62 1.55 1.18 1.34 1.34 1.68 1.31 1.15 0 0
0 0 0 1.44 1.60 1.23 1.77 1.81 1.50 1.31 0 0
0 0 0 1.78 1.64 1.56 1.85 1.71 1.49 1.37 1.35 0
0 0 0 0 1.43 1.66 1.84 1.73 1.43 1.15 1.35 0
0 0 0 0 1.39 1.46 1.66 1.60 1.25 1.12 1.34 0
0 0 0 0 0 1.42 1.36 1.41 1.32 1.28 1.45 0
0 0 0 0 0 0 0 0 1.37 1.37 1.40 0
0 0 0 0 0 0 0 0 0 1.35 1.40 0
0 0 0 0 0 0 0 0 0 0 1.29 0
0 0 0 0 0 0 0 0 0 0 0 0

```

NUTRIENT DATA

```

1.00 50 50
0.0010 5 0.050 0.25
0.0005 2 0.025 0.25

```

FERTILIZER

```

63
14 4 50 20 50 50
14 5 50 20 50 50
14 6 50 20 50 50
14 8 50 20 50 50
13 3 200 80 50 50
13 4 50 20 50 50
13 5 50 20 50 50
13 6 50 20 50 50
13 7 200 80 50 50
13 8 50 20 50 50
13 10 50 20 50 50
12 3 200 80 50 50
12 4 200 80 50 50

```

12	5	50	20	50	50
12	6	200	80	50	50
12	7	200	80	50	50
12	8	50	20	50	50
12	9	50	20	50	50
12	10	50	20	50	50
11	3	50	20	50	50
11	4	200	80	50	50
11	5	200	80	50	50
11	6	200	80	50	50
11	7	200	80	50	50
11	8	200	80	50	50
11	9	50	20	50	50
11	10	50	20	50	50
10	3	50	20	50	50
10	4	200	80	50	50
10	5	200	80	50	50
10	6	200	80	50	50
10	7	200	80	50	50
10	8	50	20	50	50
10	9	50	20	50	50
9	4	200	80	50	50
9	5	200	80	50	50
9	6	200	80	50	50
9	7	200	80	50	50
9	8	200	80	50	50
9	9	200	80	50	50
9	10	50	20	50	50
8	4	50	20	50	50
8	5	200	80	50	50
8	6	200	80	50	50
8	7	200	80	50	50
8	8	200	80	50	50
8	9	200	80	50	50
8	10	50	20	50	50
7	5	200	80	50	50
7	6	200	80	50	50
7	7	200	80	50	50
7	8	200	80	50	50
7	9	200	80	50	50
7	10	50	20	50	50
7	11	50	20	50	50
6	6	200	80	50	50
6	7	200	80	50	50
6	8	200	80	50	50
6	9	50	20	50	50
6	10	50	20	50	50
6	11	50	20	50	50
5	8	50	20	50	50
5	10	50	20	50	50

PESTICIDE
0
