

Drws y Nant

cumulative sediment output from the reach at time step	sediment grade					total	tonnes exiting reach in 12 hour period	rate tonnes/day	entered reach in 12 hour period	cumulative deposition	deposition in 12 hour period	sediment balance
	1	2	3	4	5							
48	2188.50	1126.30	367.94	2831.80	0.00	6514.54	13029.08	0.00	-6514.60	-6514.60	0.06	
96	2699.50	1290.10	472.58	3172.20	0.00	7624.38	2219.68	0.00	-7624.40	-1109.80	-0.04	
144	3014.10	1401.20	538.14	3333.40	0.00	8286.84	1324.92	0.00	-8286.80	-662.40	-0.06	
192	3687.80	1620.50	682.05	4147.60	0.00	10137.95	3702.22	0.00	-10138.00	-1851.20	0.09	
fraction	0.364	0.160	0.067	0.409	0.000							

Pared yr Ychain

cumulative sediment output from the reach at time step	sediment grade					total	tonnes exiting reach in 12 hour period	rate tonnes/day	entered reach in 12 hour period	cumulative deposition	deposition in 12 hour period	sediment balance
	1	2	3	4	5							
48	997.76	450.94	274.85	2715.70	0.00	4439.25	8878.50	0.00	-4439.20	-4439.20	-0.05	
96	2004.60	1046.80	736.48	5478.00	0.00	9265.88	9653.26	0.00	-9265.90	-4826.70	0.07	
144	2863.70	1609.20	1082.60	8361.90	0.00	13917.40	9303.04	0.00	-13917.00	-4651.10	-0.42	
192	3953.60	2361.60	1605.80	11595.00	0.00	19516.00	11197.20	0.00	-19516.00	-5599.00	0.40	
fraction	0.203	0.121	0.082	0.594	0.000							

Craig y Benglog

cumulative sediment output from the reach at time step	sediment grade					total	tonnes exiting reach in 12 hour period	rate tonnes/day	entered reach in 12 hour period	cumulative deposition	deposition in 12 hour period	sediment balance
	1	2	3	4	5							
48	1092.60	338.02	161.79	1316.10	0.00	2908.51	5817.02	0.00	-2908.50	-2908.50	-0.01	
96	1379.00	434.35	252.68	1912.80	0.00	3978.83	2140.64	0.00	-3978.90	-1070.40	0.08	
144	2063.80	663.35	401.11	3629.20	0.00	6757.46	5557.26	0.00	-6757.40	-2778.50	-0.13	
192	3668.80	1886.30	1011.50	8504.60	0.00	15071.20	16627.48	0.00	-15071.00	-8313.60	-0.14	
fraction	0.243	0.125	0.067	0.564	0.000							

Table 4: Sediment transport for Wnion sub-catchments, 3-4 February 2004

cumulative sediment output from the reach at time step	sediment grade					total	tonnes exiting reach in 12 hour period	rate tonnes/day	entered reach in 12 hour period	cumulative deposition	deposition in 12 hour period	sediment balance
	1	2	3	4	5							
48	26803.00	5916.10	483.84	2942.00	0.00	36144.94	72289.88	0.00	-36145.00	-36145.00	0.06	
96	39804.00	10405.00	1120.80	6385.10	0.00	57714.90	43139.92	0.00	-57715.00	-21570.00	0.04	
144	47287.00	13245.00	1755.30	8960.30	0.00	71247.60	27065.40	0.00	-71247.00	-13532.00	-0.70	
192	55641.00	16314.00	2540.60	11884.00	0.00	86379.60	30264.00	0.00	-86380.00	-15133.00	1.00	
fraction	0.644	0.189	0.029	0.138	0.000							

Sediment entering Lower Wnion reach

time intervals	rate tonnes/day
48	112831.18
96	61997.48
144	37973.34
192	51591.80
	132196.90

Total	74921.00	28506.00	3626.90	25143.00	0.00	132196.90
Fraction	0.567	0.216	0.027	0.190	0.000	1.000

Lower Wnion

cumulative sediment output from the reach at time step	sediment grade					total	tonnes exiting reach in 12 hour period	rate tonnes/day	entered reach in 12 hour period	cumulative deposition	deposition in 12 hour period	sediment balance
	1	2	3	4	5							
48	26742.00	8162.60	588.81	6801.30	0.00	42294.71	84589.42	56415.59	14132.00	14132.00	-11.12	
96	42140.00	12661.00	893.00	10708.00	0.00	66402.00	48214.58	30998.74	21029.00	6897.00	-5.55	
144	51027.00	15129.00	1092.30	12688.00	0.00	79936.30	27068.60	18986.67	26484.00	5455.00	-2.63	
192	61720.00	19944.00	1455.50	18135.00	0.00	101254.50	42636.40	25795.90	30968.00	4484.00	-6.30	
fraction	0.610	0.197	0.014	0.179	0.000							

sediment output from the reach at time step

0	0	0	0	0	0	0
12	557.13	170.05	12.27	141.69	0.00	0.00
24	320.79	93.72	6.34	81.39	0.00	0.00
36	185.15	51.42	4.15	41.25	0.00	0.00
48	222.77	100.31	7.57	113.48	0.00	0.00

Table 4: Sediment transport for Wnion sub-catchments, 3-4 February 2004