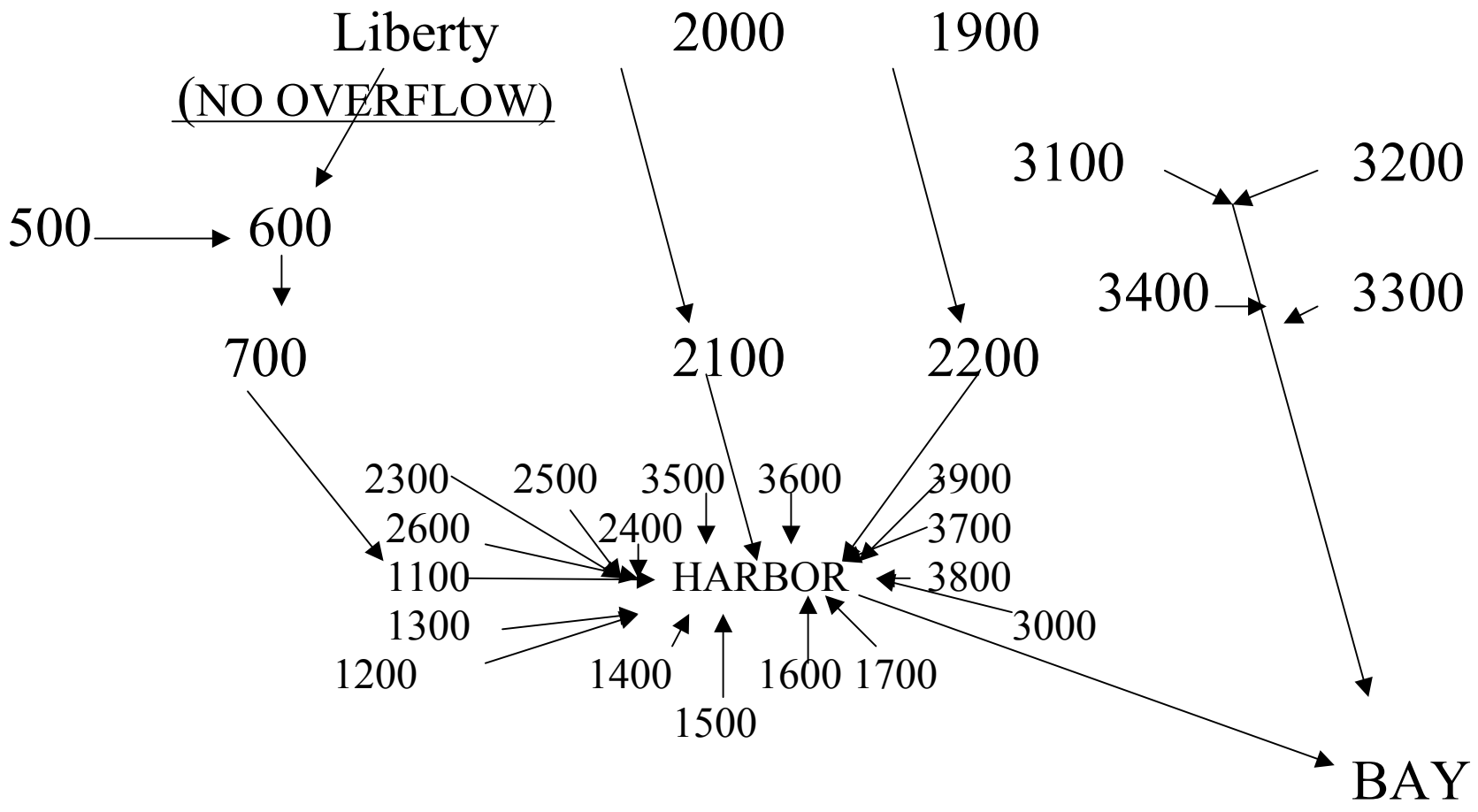
APPENDIX A
Flow Chart for Patapsco/Back River Watershed

APPENDIX A
Flow Chart for Patapsco/Back River Watershed



APPENDIX B
Agricultural Land Use Classification

APPENDIX B
Agricultural Land Use Classification

1997 CENSUS_CROP_CATEGORY	ADJUSTED_CENSUS_CTIC CROP_CATG AND SEASONAL ROTATIONS	Watershed Model CROP_Category
BARLEY_GRAIN	NO-TILL BARLEY_GRAIN	DOUBLE CROP
BARLEY_GRAIN	FLSD RIDGE-TILL BARLEY	DOUBLE CROP
BARLEY_GRAIN	FLSD MULCH-TILL BARLEY	DOUBLE CROP
BARLEY_GRAIN	15-30% RESIDUE TO FLSD BARLEY	DOUBLE CROP
BARLEY_GRAIN	<15% RESIDUE TO FLSD BARLEY	DOUBLE CROP
OATS_GRAIN	NO-TILL OATS_GRAIN	DOUBLE CROP
OATS_GRAIN	SPSD RIDGE-TILL OATS	DOUBLE CROP
OATS_GRAIN	SPSD MULCH-TILL OATS	DOUBLE CROP
OATS_GRAIN	15-30% RESIDUE TO SPSD OATS	DOUBLE CROP
OATS_GRAIN	<15% RESIDUE TO SPSD OATS	DOUBLE CROP
RYE_GRAIN	NO-TILL RYE_GRAIN	DOUBLE CROP
RYE_GRAIN	FLSD RIDGE-TILL RYE	DOUBLE CROP
RYE_GRAIN	FLSD MULCH-TILL RYE	DOUBLE CROP
RYE_GRAIN	15-30% RESIDUE TO FLSD RYE	DOUBLE CROP
RYE_GRAIN	<15% RESIDUE TO FLSD RYE	DOUBLE CROP
SOYBEANS_BEANS	DC WHEAT TO RIDGE-TILL SOYBEANS	DOUBLE CROP
SOYBEANS_BEANS	DC WHEAT TO MULCH-TILL SOYBEANS	DOUBLE CROP
SOYBEANS_BEANS	DC BARLEY TO RIDGE-TILL SOYBEANS	DOUBLE CROP
SOYBEANS_BEANS	DC BARLEY TO MULCH-TILL SOYBEANS	DOUBLE CROP
SOYBEANS_BEANS	DC RYE TO RIDGE-TILL SOYBEANS	DOUBLE CROP
SOYBEANS_BEANS	DC RYE TO MULCH-TILL SOYBEANS	DOUBLE CROP
WHEAT_GRAIN	NO-TILL WHEAT_GRAIN	DOUBLE CROP
WHEAT_GRAIN	FLSD RIDGE-TILL WHEAT	DOUBLE CROP
WHEAT_GRAIN	FLSD MULCH-TILL WHEAT	DOUBLE CROP
WHEAT_GRAIN	15-30% RESIDUE TO FLSD WHEAT	DOUBLE CROP
WHEAT_GRAIN	<15% RESIDUE TO FLSD WHEAT	DOUBLE CROP
SOYBEANS_BEANS	NO-TILL SOYBEANS_BEANS	FULL SEASON BEANS
SOYBEANS_BEANS	FS RIDGE-TILL SOYBEANS	FULL SEASON BEANS
SOYBEANS_BEANS	FS MULCH-TILL SOYBEANS	FULL SEASON BEANS
SOYBEANS_BEANS	15-30% RESIDUE TO FS SOYBEANS	FULL SEASON BEANS
SOYBEANS_BEANS	<15% RESIDUE TO FS SOYBEANS	FULL SEASON BEANS
SOYBEANS_BEANS	NO-TILL SOYBEANS_BEANS	FULL SEASON BEANS
SOYBEANS_BEANS	15-30% RESIDUE TO DC SOYBEANS	FULL SEASON BEANS
SOYBEANS_BEANS	<15% RESIDUE TO DC SOYBEANS	FULL SEASON BEANS
SOYBEANS_BEANS	NO-TILL DC BARLEY TO NO-TILL SOYBEANS	FULL SEASON BEANS
SOYBEANS_BEANS	15-30% RESIDUE TO DC SOYBEANS	FULL SEASON BEANS
SOYBEANS_BEANS	<15% RESIDUE TO DC SOYBEANS	FULL SEASON BEANS
SOYBEANS_BEANS	NO-TILL DC RYE TO NO-TILL SOYBEANS	FULL SEASON BEANS
SOYBEANS_BEANS	15-30% RESIDUE TO DC SOYBEANS	FULL SEASON BEANS
SOYBEANS_BEANS	<15% RESIDUE TO DC SOYBEANS	FULL SEASON BEANS
ALFALFA_HAY	NO-TILL ALFALFA_HAY	HAY
ALFALFA_HAY	RIDGE-TILL ALFALFA	HAY
ALFALFA_HAY	MULCH-TILL ALFALFA	HAY
ALFALFA_HAY	15-30% RESIDUE TO ALFALFA	HAY

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Agricultural Land Use Classification

1997 CENSUS_CROP_CATEGORY	ADJUSTED_CENSUS_CTIC CROP_CATG AND SEASONAL ROTATIONS	Watershed Model CROP_Category
ALFALFA_HAY	<15% RESIDUE TO ALFALFA	HAY
GRASS_HAYLAGE	RIDGE-TILL GRASS HAYLAGE	HAY
GRASS_HAYLAGE	MULCH-TILL GRASS HAYLAGE	HAY
GRASS_HAYLAGE	15-30% RESIDUE TO GRASS HAYLAGE	HAY
GRASS_HAYLAGE	<15% RESIDUE TO GRASS HAYLAGE	HAY
GRASS_HAYLAGE	NO-TILL GRASS_HAYLAGE	HAY
SMALL_GRAIN_HAY	NO-TILL SMALL_GRAIN_HAY	HAY
SMALL_GRAIN_HAY	RIDGE-TILL SMALL GRAIN HAY	HAY
SMALL_GRAIN_HAY	MULCH-TILL SMALL GRAIN HAY	HAY
SMALL_GRAIN_HAY	15-30% RESIDUE TO SMALL GRAIN HAY	HAY
SMALL_GRAIN_HAY	<15% RESIDUE TO SMALL GRAIN HAY	HAY
SOD	SOD	HAY
SOD	SOD	HAY
SOD	SOD	HAY
SOD	SOD	HAY
SOD	NO-TILL SOD	HAY
SORGHUM_SILAGE	NO-TILL SORGHUM_SILAGE	HAY
SORGHUM_SILAGE	FS RIDGE-TILL SORGHUM	HAY
SORGHUM_SILAGE	FS MULCH-TILL SORGHUM	HAY
SORGHUM_SILAGE	15-30% RESIDUE TO FS SORGHUM	HAY
SORGHUM_SILAGE	<15% RESIDUE TO FS SORGHUM	HAY
TAME_HAY	RIDGE-TILL TAME HAY	HAY
TAME_HAY	MULCH-TILL TAME HAY	HAY
TAME_HAY	15-30% RESIDUE TO TAME HAY	HAY
TAME_HAY	<15% RESIDUE TO TAME HAY	HAY
TAME_HAY	NO-TILL TAME_HAY	HAY
TIMOTHY_SEED	RIDGE-TILL TIMOTHY	HAY
TIMOTHY_SEED	MULCH-TILL TIMOTHY	HAY
TIMOTHY_SEED	15-30% RESIDUE TO TIMOTHY	HAY
TIMOTHY_SEED	<15% RESIDUE TO TIMOTHY	HAY
TIMOTHY_SEED	NO-TILL TIMOTHY_SEED	HAY
WILD_HAY	RIDGE-TILL WILD HAY	HAY
WILD_HAY	MULCH-TILL WILD HAY	HAY
WILD_HAY	15-30% RESIDUE TO WILD HAY	HAY
WILD_HAY	<15% RESIDUE TO WILD HAY	HAY
WILD_HAY	NO-TILL WILD_HAY	HAY
CORN_GRAIN	15-30% RESIDUE TO FS CORN_GRAIN	HI-TILL CORN
CORN_GRAIN	<15% RESIDUE TO FS CORN_GRAIN	HI-TILL CORN
CORN_GRAIN	15-30% RESIDUE TO DC CORN_GRAIN	HI-TILL CORN
CORN_GRAIN	<30% RESIDUE TO DC CORN_GRAIN	HI-TILL CORN
CORN_SILAGE	15-30% RESIDUE TO FS CORN_SILAGE	HI-TILL CORN
CORN_SILAGE	<15% RESIDUE TO FS CORN_SILAGE	HI-TILL CORN
CORN_SILAGE	15-30% RESIDUE TO DC CORN_SILAGE	HI-TILL CORN
CORN_SILAGE	<15% RESIDUE TO DC CORN_SILAGE	HI-TILL CORN
CORN_GRAIN	NO-TILL CORN_GRAIN	LO-TILL CORN
CORN_GRAIN	FS RIDGE-TILL CORN_GRAIN	LO-TILL CORN

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Agricultural Land Use Classification

1997 CENSUS_CROP_CATEGORY	ADJUSTED_CENSUS_CTIC CROP_CATG AND SEASONAL ROTATIONS	Watershed Model CROP_Category
CORN_GRAIN	FS MULCH-TILL CORN_GRAIN	LO-TILL CORN
CORN_GRAIN	NO-TILL CORN_GRAIN	LO-TILL CORN
CORN_GRAIN	DC RIDGE-TILL CORN_GRAIN	LO-TILL CORN
CORN_GRAIN	DC MULCH-TILL CORN_GRAIN	LO-TILL CORN
CORN_SILAGE	NO-TILL CORN_SILAGE	LO-TILL CORN
CORN_SILAGE	FS RIDGE-TILL CORN_SILAGE	LO-TILL CORN
CORN_SILAGE	FS MULCH-TILL CORN_SILAGE	LO-TILL CORN
CORN_SILAGE	NO-TILL CORN_SILAGE	LO-TILL CORN
CORN_SILAGE	DC RIDGE-TILL CORN_SILAGE	LO-TILL CORN
CORN_SILAGE	DC MULCH-TILL CORN_SILAGE	LO-TILL CORN
CONSERVATION RESERVE PROGRAM	CONSERVATION RESERVE PROGRAM	PASTURE
COVER_CROP_ACREAGE	COVER_CROP_ACREAGE	PASTURE
FAILED_CROP_ACREAGE	FAILED_CROP_ACREAGE	PASTURE
IDLELAND	IDLELAND	PASTURE
PASTURE_ET_RANGELAND	PASTURE_ET_RANGELAND	PASTURE
PASTURE_OR_GRAZING	RIDGE-TILL NEW PERMANENT PASTURE	PASTURE
PASTURE_OR_GRAZING	MULCH-TILL NEW PERMANENT PASTURE	PASTURE
PASTURE_OR_GRAZING	15-30% RESIDUE TO NEW PERMANENT PASTURE	PASTURE
PASTURE_OR_GRAZING	<15% RESIDUE TO NEW PERMANENT PAST	PASTURE
PASTURE_OR_GRAZING	NO-TILL PASTURE_OR_GRAZING	PASTURE
SUMMER_FALLOW_ACREAGE	SUMMER_FALLOWED_ACREAGE	PASTURE
APPLES	RIDGE_TILL APPLES	VEGETABLES
APPLES	MULCH_TILL APPLES	VEGETABLES
APPLES	15-30% RESIDUE TO APPLES	VEGETABLES
APPLES	<15% RESIDUE TO APPLES	VEGETABLES
APPLES	NO-TILL APPLES	VEGETABLES
ASPARAGUS	RIDGE_TILL ASPARAGUS	VEGETABLES
ASPARAGUS	MULCH_TILL ASPARAGUS	VEGETABLES
ASPARAGUS	15-30% RESIDUE TO ASPARAGUS	VEGETABLES
ASPARAGUS	<15% RESIDUE TO ASPARAGUS	VEGETABLES
ASPARAGUS	NO-TILL ASPARAGUS	VEGETABLES
BEDDING_PLANTS	BEDDING PLANTS	VEGETABLES
BEDDING_PLANTS	BEDDING PLANTS	VEGETABLES
BEDDING_PLANTS	BEDDING PLANTS	VEGETABLES
BEDDING_PLANTS	BEDDING PLANTS	VEGETABLES
BEDDING_PLANTS	NO-TILL BEDDING_PLANTS	VEGETABLES
BEET	RIDGE_TILL BEETS	VEGETABLES
BEET	MULCH_TILL BEETS	VEGETABLES
BEET	15-30% RESIDUE TO BEETS	VEGETABLES
BEET	<15% RESIDUE TO BEETS	VEGETABLES
BEET	NO-TILL BEETS	VEGETABLES
BLACKBERRIES	RIDGE_TILL BLACKBERRIES	VEGETABLES
BLACKBERRIES	MULCH_TILL BLACKBERRIES	VEGETABLES
BLACKBERRIES	15-30% RESIDUE TO BLACKBERRIES	VEGETABLES

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1997 CENSUS_CROP_CATEGORY	ADJUSTED_CENSUS_CTIC CROP_CATG AND SEASONAL ROTATIONS	Watershed Model CROP_Category
BLACKBERRIES	<15% RESIDUE TO BLACKBERRIES	VEGETABLES
BLACKBERRIES	NO-TILL BLACKBERRIES	VEGETABLES
BROCCOLI	RIDGE_TILL BROCCOLI	VEGETABLES
BROCCOLI	MULCH_TILL BROCCOLI	VEGETABLES
BROCCOLI	15-30% RESIDUE TO BROCCOLI	VEGETABLES
BROCCOLI	<15% RESIDUE TO BROCCOLI	VEGETABLES
BROCCOLI	NO-TILL BROCCOLI	VEGETABLES
CABBAGE	RIDGE_TILL CABBAGE	VEGETABLES
CABBAGE	MULCH_TILL CABBAGE	VEGETABLES
CABBAGE	15-30% RESIDUE TO CABBAGE	VEGETABLES
CABBAGE	<15% RESIDUE TO CABBAGE	VEGETABLES
CABBAGE	NO-TILL CABBAGE	VEGETABLES
CANTALOUPES	RIDGE_TILL CANTALOUPES	VEGETABLES
CANTALOUPES	RIDGE_TILL CANTALOUPES	VEGETABLES
CANTALOUPES	15-30% RESIDUE TO CANTALOUPES	VEGETABLES
CANTALOUPES	<15% RESIDUE TO CANTALOUPES	VEGETABLES
CANTALOUPES	NO-TILL CANTALOUPES	VEGETABLES
COLLARDS	RIDGE_TILL COLLARDS	VEGETABLES
COLLARDS	MULCH_TILL COLLARDS	VEGETABLES
COLLARDS	15-30% RESIDUE TO COLLARDS	VEGETABLES
COLLARDS	<15% RESIDUE TO COLLARDS	VEGETABLES
COLLARDS	NO-TILL COLLARDS	VEGETABLES
CUCUMBERS	RIDGE_TILL CUCUMBERS	VEGETABLES
CUCUMBERS	MULCH_TILL CUCUMBERS	VEGETABLES
CUCUMBERS	15-30% RESIDUE TO CUCUMBERS	VEGETABLES
CUCUMBERS	<15% RESIDUE TO CUCUMBERS	VEGETABLES
CUCUMBERS	NO-TILL CUCUMBERS	VEGETABLES
CUT_FLOWERS	CUT FLOWERS	VEGETABLES
CUT_FLOWERS	CUT FLOWERS	VEGETABLES
CUT_FLOWERS	CUT FLOWERS	VEGETABLES
CUT_FLOWERS	CUT FLOWERS	VEGETABLES
CUT_FLOWERS	NO-TILL CUT_FLOWERS	VEGETABLES
EGGPLANT	RIDGE_TILL EGGPLANT	VEGETABLES
EGGPLANT	MULCH_TILL EGGPLANT	VEGETABLES
EGGPLANT	15-30% RESIDUE TO EGGPLANT	VEGETABLES
EGGPLANT	<15% RESIDUE TO EGGPLANT	VEGETABLES
EGGPLANT	NO-TILL EGGPLANT	VEGETABLES
GRAPES	RIDGE_TILL GRAPES	VEGETABLES
GRAPES	MULCH_TILL GRAPES	VEGETABLES
GRAPES	15-30% RESIDUE TO GRAPES	VEGETABLES
GRAPES	<15% RESIDUE TO GRAPES	VEGETABLES
GRAPES	NO-TILL GRAPES	VEGETABLES
GREEN_LIMA_BEANS	RIDGE_TILL GREEN LIMA BEANS	VEGETABLES
GREEN_LIMA_BEANS	MULCH_TILL GREEN LIMA BEANS	VEGETABLES
GREEN_LIMA_BEANS	15-30% RESIDUE TO GREEN LIMA BEANS	VEGETABLES
GREEN_LIMA_BEANS	<15% RESIDUE TO GREEN LIMA BEANS	VEGETABLES

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Agricultural Land Use Classification

1997 CENSUS_CROP_CATEGORY	ADJUSTED_CENSUS_CTIC CROP_CATG AND SEASONAL ROTATIONS	Watershed Model CROP_Category
GREEN_LIMA_BEANS	NO-TILL GREEN_LIMA_BEANS	VEGETABLES
GREEN_ONIONS	RIDGE_TILL GREEN ONIONS	VEGETABLES
GREEN_ONIONS	MULCH_TILL GREEN ONIONS	VEGETABLES
GREEN_ONIONS	15-30% RESIDUE TO GREEN ONIONS	VEGETABLES
GREEN_ONIONS	<15% RESIDUE TO GREEN ONIONS	VEGETABLES
GREEN_ONIONS	NO-TILL GREEN_ONIONS	VEGETABLES
GREEN_PEAS	RIDGE_TILL GREEN PEAS	VEGETABLES
GREEN_PEAS	MULCH_TILL GREEN PEAS	VEGETABLES
GREEN_PEAS	15-30% RESIDUE TO GREEN PEAS	VEGETABLES
GREEN_PEAS	<15% RESIDUE TO GREEN PEAS	VEGETABLES
GREEN_PEAS	NO-TILL GREEN_PEAS	VEGETABLES
HERBS	RIDGE_TILL HERBS	VEGETABLES
HERBS	MULCH_TILL HERBS	VEGETABLES
HERBS	15-30% RESIDUE TO HERBS	VEGETABLES
HERBS	<15% RESIDUE TO HERBS	VEGETABLES
HERBS	NO-TILL HERBS	VEGETABLES
HOT_PEPPERS	RIDGE_TILL HOT PEPPERS	VEGETABLES
HOT_PEPPERS	RIDGE_TILL HOT PEPPERS	VEGETABLES
HOT_PEPPERS	15-30% RESIDUE TO HOT PEPPERS	VEGETABLES
HOT_PEPPERS	<15% RESIDUE TO HOT PEPPERS	VEGETABLES
HOT_PEPPERS	NO-TILL HOT_PEPPERS	VEGETABLES
KALE	RIDGE_TILL KALE	VEGETABLES
KALE	MULCH_TILL KALE	VEGETABLES
KALE	15-30% RESIDUE TO KALE	VEGETABLES
KALE	<15% RESIDUE TO KALE	VEGETABLES
KALE	NO-TILL KALE	VEGETABLES
LETTUCE	RIDGE_TILL LETTUCE	VEGETABLES
LETTUCE	MULCH_TILL LETTUCE	VEGETABLES
LETTUCE	15-30% RESIDUE TO LETTUCE	VEGETABLES
LETTUCE	<15% RESIDUE TO LETTUCE	VEGETABLES
LETTUCE	NO-TILL LETTUCE	VEGETABLES
MIXED_VEGETABLES	RIDGE_TILL MIXED VEGETABLES	VEGETABLES
MIXED_VEGETABLES	MULCH_TILL MIXED VEGETABLES	VEGETABLES
MIXED_VEGETABLES	15-30% RESIDUE TO MIXED VEGETABLES	VEGETABLES
MIXED_VEGETABLES	<15% RESIDUE TO MIXED VEGETABLES	VEGETABLES
MIXED_VEGETABLES	NO-TILL MIXED_VEGETABLES	VEGETABLES
MUSTARD_GREENS	RIDGE_TILL MUSTARD GREENS	VEGETABLES
MUSTARD_GREENS	MULCH_TILL MUSTARD GREENS	VEGETABLES
MUSTARD_GREENS	15-30% RESIDUE TO MUSTARD GREENS	VEGETABLES
MUSTARD_GREENS	<15% RESIDUE TO MUSTARD GREENS	VEGETABLES
MUSTARD_GREENS	NO-TILL MUSTARD_GREENS	VEGETABLES
NURSERY_ET_FLORICULTURE	NURSERY ET FLORICULTURE	VEGETABLES
NURSERY_ET_FLORICULTURE	NURSERY ET FLORICULTURE	VEGETABLES
NURSERY_ET_FLORICULTURE	NURSERY ET FLORICULTURE	VEGETABLES
NURSERY_ET_FLORICULTURE	NURSERY ET FLORICULTURE	VEGETABLES
NURSERY_ET_FLORICULTURE	NO-TILL NURSERY_ET_FLORICULTURE	VEGETABLES

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1997 CENSUS_CROP_CATEGORY	ADJUSTED_CENSUS_CTIC CROP_CATG AND SEASONAL ROTATIONS	Watershed Model CROP_Category
NURSEY_CROPS	NURSERY CROPS	VEGETABLES
NURSEY_CROPS	NURSERY CROPS	VEGETABLES
NURSEY_CROPS	NURSERY CROPS	VEGETABLES
NURSEY_CROPS	NURSERY CROPS	VEGETABLES
NURSEY_CROPS	NO-TILL NURSERY_CROPS	VEGETABLES
OKRA	RIDGE_TILL OKRA	VEGETABLES
OKRA	MULCH_TILL OKRA	VEGETABLES
OKRA	15-30% RESIDUE TO OKRA	VEGETABLES
OKRA	<15% RESIDUE TO OKRA	VEGETABLES
OKRA	NO-TILL OKRA	VEGETABLES
OTHER_CROPS	OTHER CROPS	VEGETABLES
OTHER_CROPS	OTHER CROPS	VEGETABLES
OTHER_CROPS	OTHER CROPS	VEGETABLES
OTHER_CROPS	OTHER CROPS	VEGETABLES
OTHER_CROPS	NO-TILL OTHER_CROPS	VEGETABLES
OTHER_FRUITS	RIDGE_TILL OTHER FRUITS	VEGETABLES
OTHER_FRUITS	MULCH_TILL OTHER FRUITS	VEGETABLES
OTHER_FRUITS	15-30% RESIDUE TO OTHER FRUITS	VEGETABLES
OTHER_FRUITS	<15% RESIDUE TO OTHER FRUITS	VEGETABLES
OTHER_FRUITS	NO-TILL OTHER_FRUITS	VEGETABLES
OTHER_NURSERY	OTHER NURSERY	VEGETABLES
OTHER_NURSERY	OTHER NURSERY	VEGETABLES
OTHER_NURSERY	OTHER NURSERY	VEGETABLES
OTHER_NURSERY	OTHER NURSERY	VEGETABLES
OTHER_NURSERY	NO-TILL OTHER_NURSERY	VEGETABLES
OTHER_VEGETABLES	RIDGE_TILL OTHER VEGETABLES	VEGETABLES
OTHER_VEGETABLES	MULCH_TILL OTHER VEGETABLES	VEGETABLES
OTHER_VEGETABLES	15-30% RESIDUE TO OTHER VEGETABLES	VEGETABLES
OTHER_VEGETABLES	<15% RESIDUE TO OTHER VEGETABLES	VEGETABLES
OTHER_VEGETABLES	NO-TILL OTHER_VEGETABLES	VEGETABLES
PARSLEY	RIDGE_TILL PARSLEY	VEGETABLES
PARSLEY	MULCH_TILL PARSLEY	VEGETABLES
PARSLEY	15-30% RESIDUE TO PARSLEY	VEGETABLES
PARSLEY	<15% RESIDUE TO PARSLEY	VEGETABLES
PARSLEY	NO-TILL PARSLEY	VEGETABLES
PEACHES	RIDGE_TILL PEACHES	VEGETABLES
PEACHES	MULCH_TILL PEACHES	VEGETABLES
PEACHES	15-30% RESIDUE TO PEACHES	VEGETABLES
PEACHES	<15% RESIDUE TO PEACHES	VEGETABLES
PEACHES	NO-TILL PEACHES	VEGETABLES
PEARS	RIDGE_TILL PEARS	VEGETABLES
PEARS	MULCH_TILL PEARS	VEGETABLES
PEARS	15-30% RESIDUE TO PEARS	VEGETABLES
PEARS	<15% RESIDUE TO PEARS	VEGETABLES
PEARS	NO-TILL PEARS	VEGETABLES
PLUMS	RIDGE_TILL PLUMS	VEGETABLES

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1997 CENSUS_CROP_CATEGORY	ADJUSTED_CENSUS_CTIC CROP_CATG AND SEASONAL ROTATIONS	Watershed Model CROP_Category
PLUMS	MULCH_TILL PLUMS	VEGETABLES
PLUMS	15-30% RESIDUE TO PLUMS	VEGETABLES
PLUMS	<15% RESIDUE TO PLUMS	VEGETABLES
PLUMS	NO-TILL PLUMS	VEGETABLES
POTATOES	NO-TILL POTATOES	VEGETABLES
POTATOES	RIDGE_TILL POTATOES	VEGETABLES
POTATOES	MULCH_TILL POTATOES	VEGETABLES
POTATOES	15-30% RESIDUE TO POTATOES	VEGETABLES
POTATOES	<15% RESIDUE TO POTATOES	VEGETABLES
PUMPKINS	RIDGE-TILL PUMPKINS	VEGETABLES
PUMPKINS	MULCH-TILL PUMPKINS	VEGETABLES
PUMPKINS	15-30% RESIDUE TO PUMPKINS	VEGETABLES
PUMPKINS	<15% RESIDUE TO PUMPKINS	VEGETABLES
PUMPKINS	NO-TILL PUMPKINS	VEGETABLES
RADISHES	RIDGE-TILL RADISHES	VEGETABLES
RADISHES	MULCH-TILL RADISHES	VEGETABLES
RADISHES	15-30% RESIDUE TO RADISHES	VEGETABLES
RADISHES	<15% RESIDUE RADISHES	VEGETABLES
RADISHES	NO-TILL RADISHES	VEGETABLES
RASPBERRIES	RIDGE_TILL RASPBERRIES	VEGETABLES
RASPBERRIES	MULCH_TILL RASPBERRIES	VEGETABLES
RASPBERRIES	15-30% RESIDUE TO RASPBERRIES	VEGETABLES
RASPBERRIES	<15% RESIDUE TO RASPBERRIES	VEGETABLES
RASPBERRIES	NO-TILL RASPBERRIES	VEGETABLES
SNAP_BEANS	RIDGE_TILL SNAP BEANS	VEGETABLES
SNAP_BEANS	MULCH_TILL SNAP BEANS	VEGETABLES
SNAP_BEANS	15-30% RESIDUE TO SNAP BEANS	VEGETABLES
SNAP_BEANS	<15% RESIDUE TO SNAP BEANS	VEGETABLES
SNAP_BEANS	NO-TILL SNAP_BEANS	VEGETABLES
SPINACH	RIDGE_TILL SPINACH	VEGETABLES
SPINACH	MULCH_TILL SPINACH	VEGETABLES
SPINACH	15-30% RESIDUE TO SPINACH	VEGETABLES
SPINACH	<15% RESIDUE TO SPINACH	VEGETABLES
SPINACH	NO-TILL SPINACH	VEGETABLES
SQUASH	RIDGE_TILL SQUASH	VEGETABLES
SQUASH	MULCH_TILL SQUASH	VEGETABLES
SQUASH	15-30% RESIDUE TO SQUASH	VEGETABLES
SQUASH	<15% RESIDUE TO SQUASH	VEGETABLES
SQUASH	NO-TILL SQUASH	VEGETABLES
STRAWBERRIES	RIDGE_TILL STRAWBERRIES	VEGETABLES
STRAWBERRIES	MULCH_TILL STRAWBERRIES	VEGETABLES
STRAWBERRIES	15-30% RESIDUE TO STRAWBERRIES	VEGETABLES
STRAWBERRIES	<15% RESIDUE TO STRAWBERRIES	VEGETABLES
STRAWBERRIES	NO-TILL STRAWBERRIES	VEGETABLES
SWEET_CHERRIES	RIDGE_TILL SWEET CHERRIES	VEGETABLES
SWEET_CHERRIES	MULCH_TILL SWEET CHERRIES	VEGETABLES

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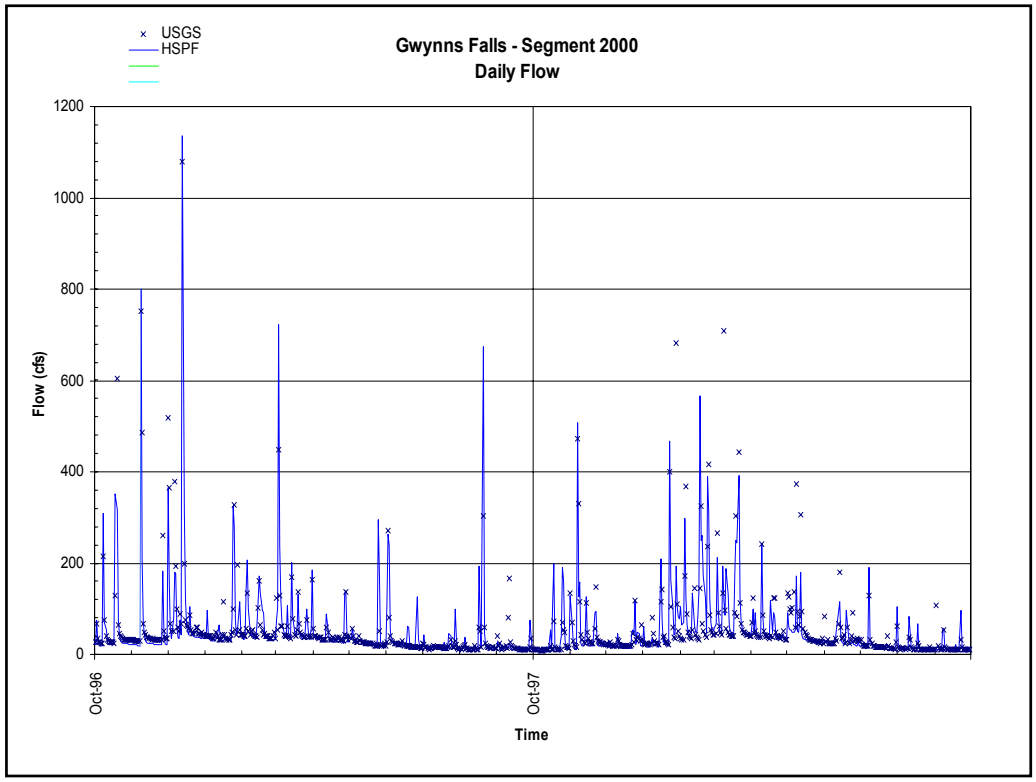
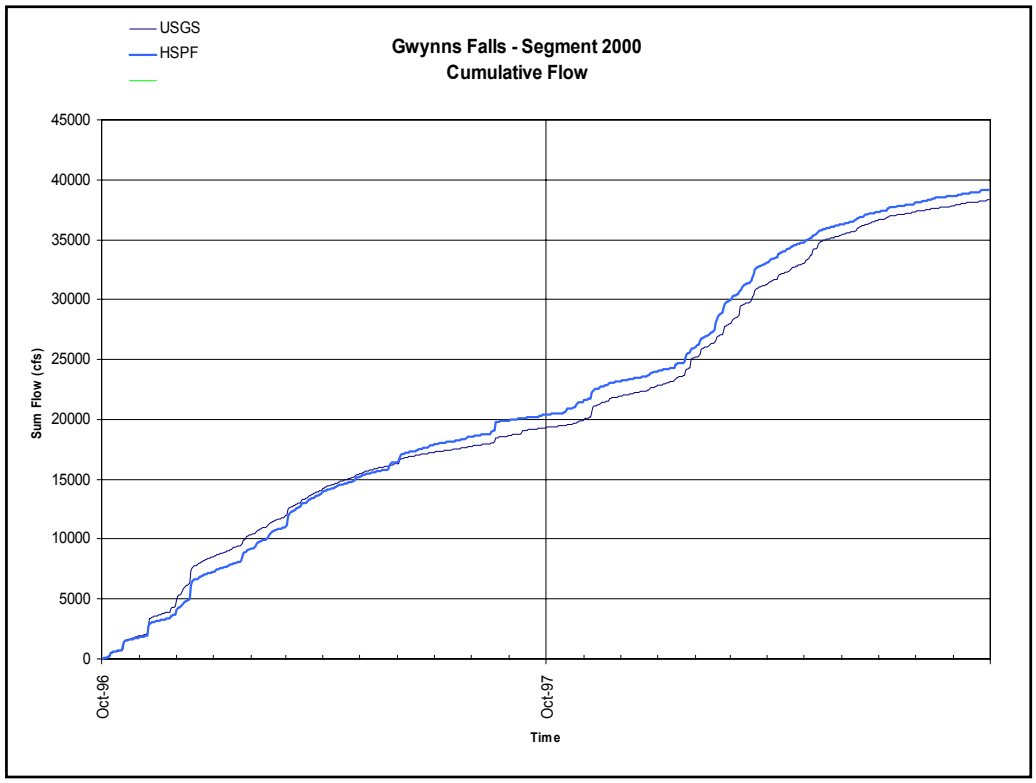
1997 CENSUS_CROP_CATEGORY	ADJUSTED_CENSUS_CTIC CROP_CATG AND SEASONAL ROTATIONS	Watershed Model CROP_Category
SWEET_CHERRIES	15-30% RESIDUE TO SWEET CHERRIES	VEGETABLES
SWEET_CHERRIES	<15% RESIDUE TO SWEET CHERRIES	VEGETABLES
SWEET_CHERRIES	NO-TILL SWEET_CHERRIES	VEGETABLES
SWEET_CORN	RIDGE_TILL SWEET CORN	VEGETABLES
SWEET_CORN	MULCH_TILL SWEET CORN	VEGETABLES
SWEET_CORN	15-30% RESIDUE TO SWEET CORN	VEGETABLES
SWEET_CORN	<15% RESIDUE TO SWEET CORN	VEGETABLES
SWEET_CORN	NO-TILL SWEET_CORN	VEGETABLES
SWEET_PEPPERS	RIDGE_TILL SWEET PEPPERS	VEGETABLES
SWEET_PEPPERS	MULCH_TILL SWEET PEPPERS	VEGETABLES
SWEET_PEPPERS	15-30% RESIDUE TO SWEET PEPPERS	VEGETABLES
SWEET_PEPPERS	<15% RESIDUE TO SWEET PEPPERS	VEGETABLES
SWEET_PEPPERS	NO-TILL SWEET_PEPPERS	VEGETABLES
TAME_BLUEBERRIES	RIDGE_TILL TAME BLUEBERRIES	VEGETABLES
TAME_BLUEBERRIES	MULCH_TILL TAME BLUEBERRIES	VEGETABLES
TAME_BLUEBERRIES	15-30% RESIDUE TO TAME BLUEBERRIES	VEGETABLES
TAME_BLUEBERRIES	<15% RESIDUE TO TAME BLUEBERRIES	VEGETABLES
TAME_BLUEBERRIES	NO-TILL TAME_BLUEBERRIES	VEGETABLES
TOMATOES	RIDGE_TILL TOMATOES	VEGETABLES
TOMATOES	MULCH_TILL TOMATOES	VEGETABLES
TOMATOES	15-30% RESIDUE TO TOMATOES	VEGETABLES
TOMATOES	<15% RESIDUE TO TOMATOES	VEGETABLES
TOMATOES	NO-TILL TOMATOES	VEGETABLES
TURNIPS	RIDGE_TILL TURNIPS	VEGETABLES
TURNIPS	MULCH_TILL TURNIPS	VEGETABLES
TURNIPS	15-30% RESIDUE TO TURNIPS	VEGETABLES
TURNIPS	<15% RESIDUE TO TURNIPS	VEGETABLES
TURNIPS	NO-TILL TURNIPS	VEGETABLES
TURNIPS_GREENS	RIDGE_TILL TURNIP GREENS	VEGETABLES
TURNIPS_GREENS	MULCH_TILL TURNIP GREENS	VEGETABLES
TURNIPS_GREENS	15-30% RESIDUE TO TURNIP GREENS	VEGETABLES
TURNIPS_GREENS	<15% RESIDUE TO TURNIP GREENS	VEGETABLES
TURNIPS_GREENS	NO-TILL TURNIP_GREENS	VEGETABLES
WATERMELONS	RIDGE_TILL WATERMELONS	VEGETABLES
WATERMELONS	MULCH_TILL WATERMELONS	VEGETABLES
WATERMELONS	15-30% RESIDUE TO WATERMELONS	VEGETABLES
WATERMELONS	<15% RESIDUE TO WATERMELONS	VEGETABLES
WATERMELONS	NO-TILL WATERMELONS	VEGETABLES

APPENDIX C
Hydrology Calibration

APPENDIX C
Hydrology Calibration





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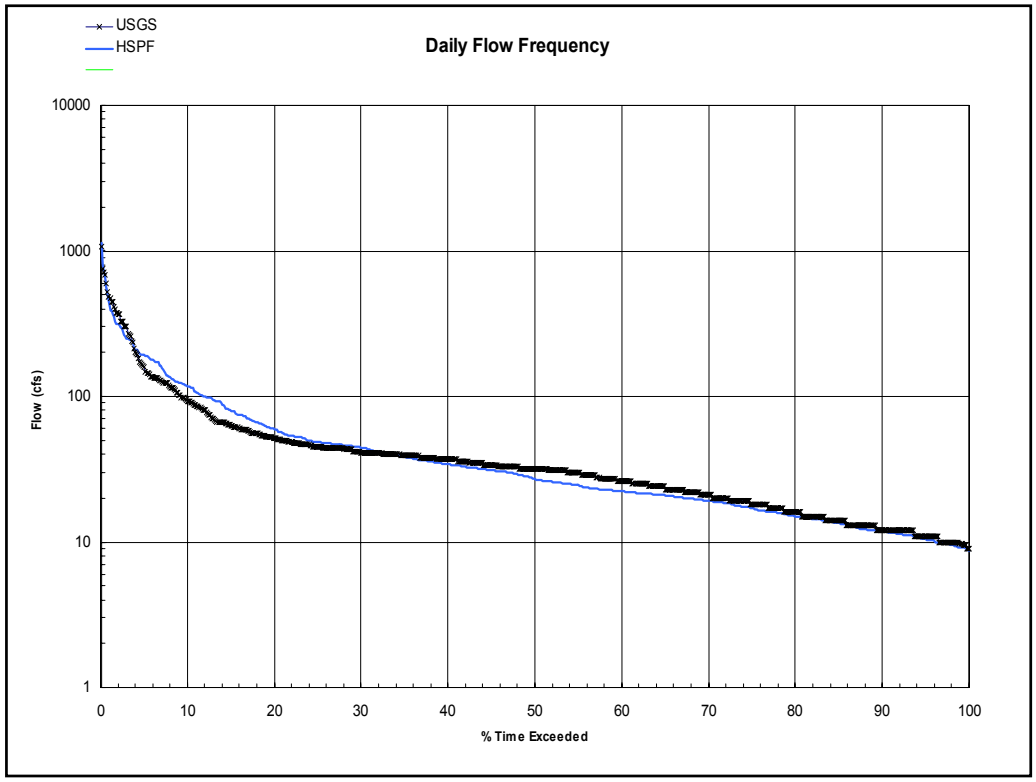

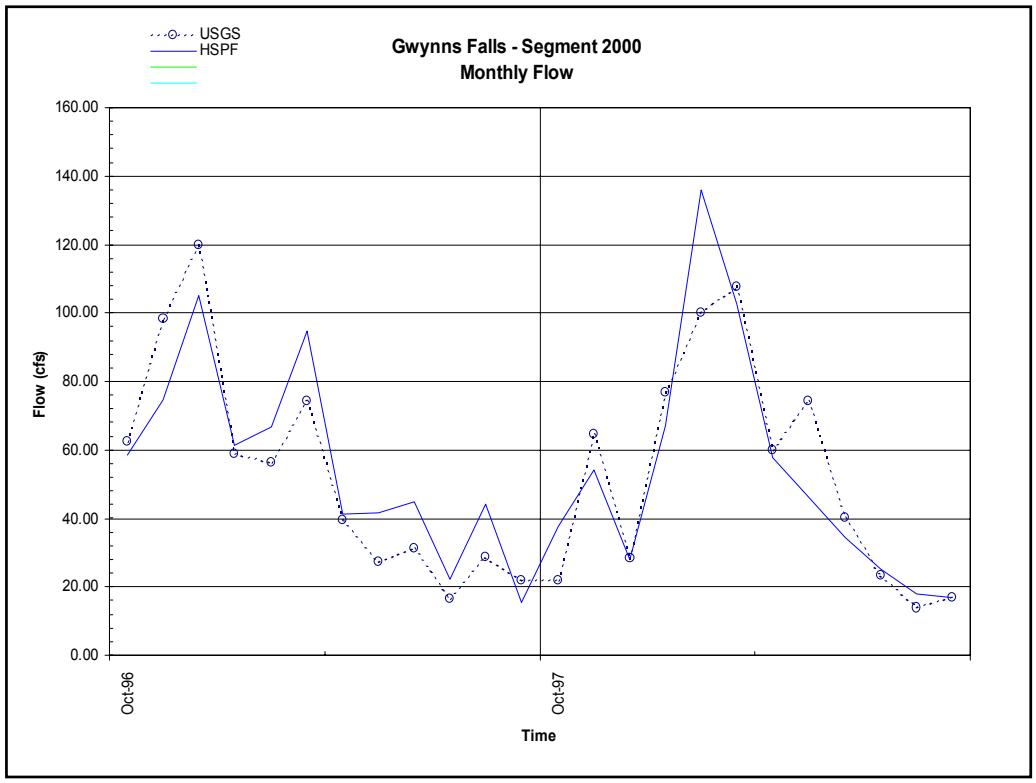

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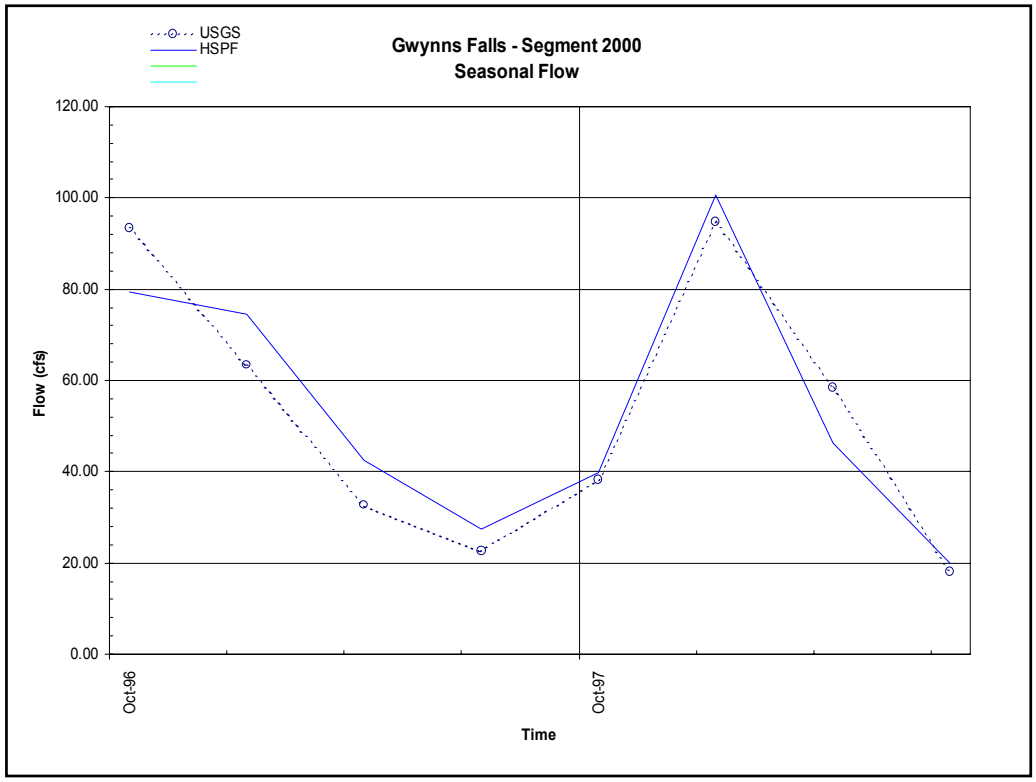
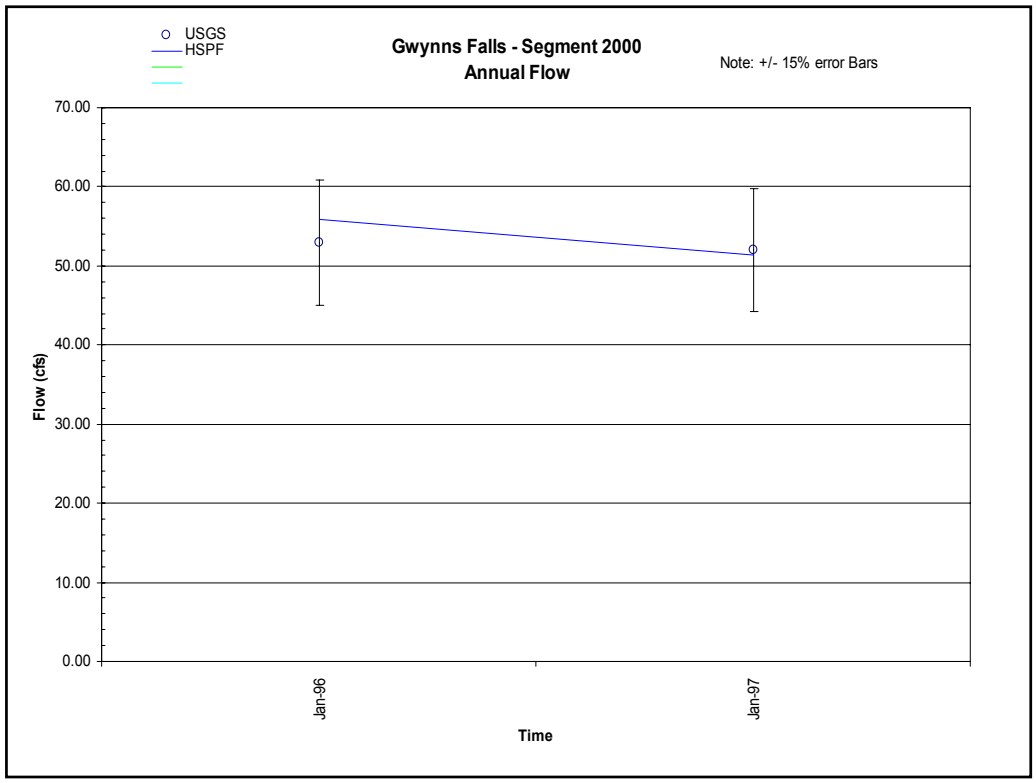
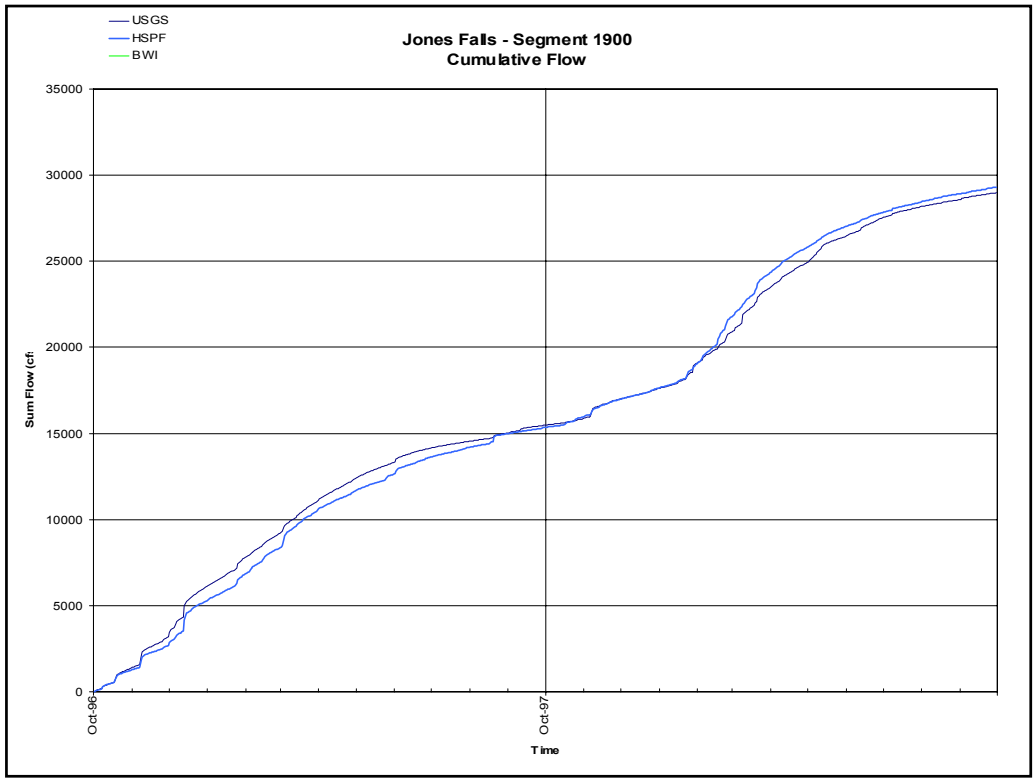


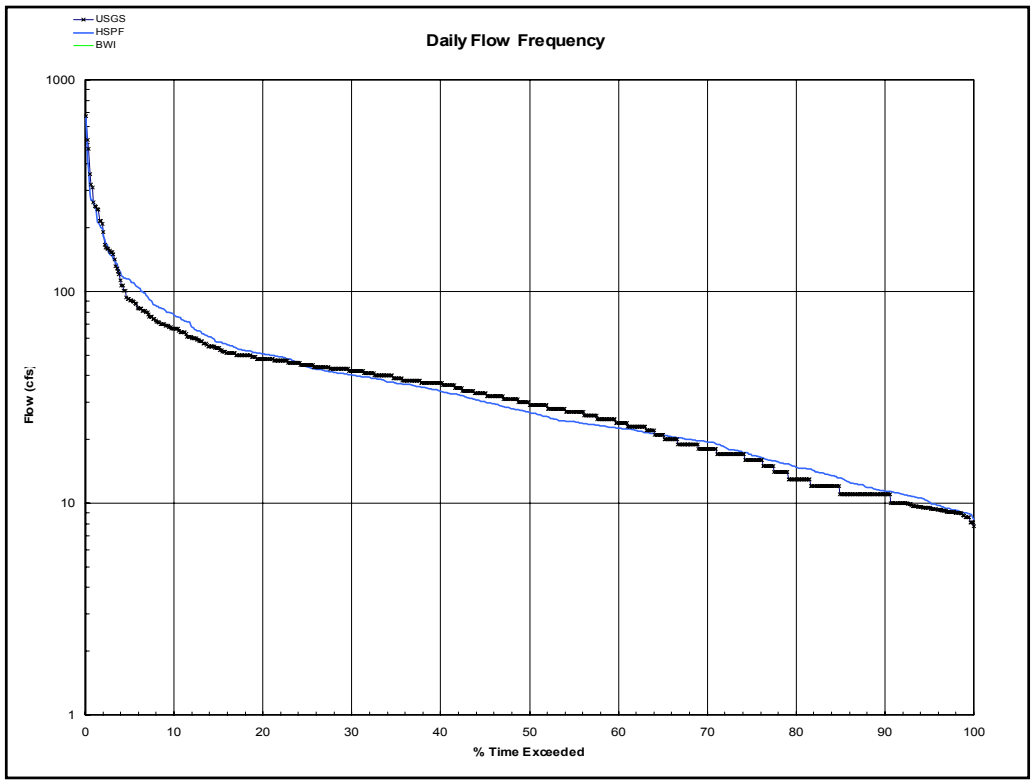


APPENDIX C
Hydrology Calibration

	RMS %	***LS (avg) %***	***RSQR***
Monthly (HSPF)	26.4	22.8	0.807
Monthly (SWMM)	26.7	25.7	0.873
Seasonal (HSPF)	16.9	15.9	0.901
Seasonal (SWMM)	21.1	17.4	0.837
Annual (HSPF)	4.1	3.4	
Annual (SWMM)	5.5	4.5	

APPENDIX C
Hydrology Calibration





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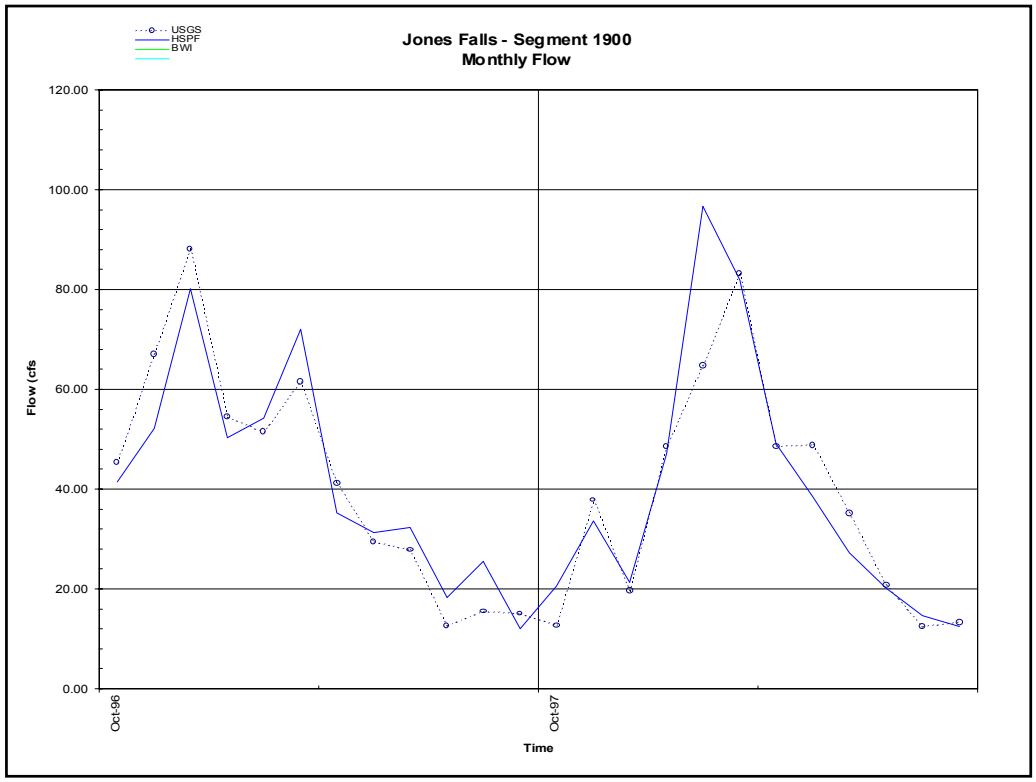
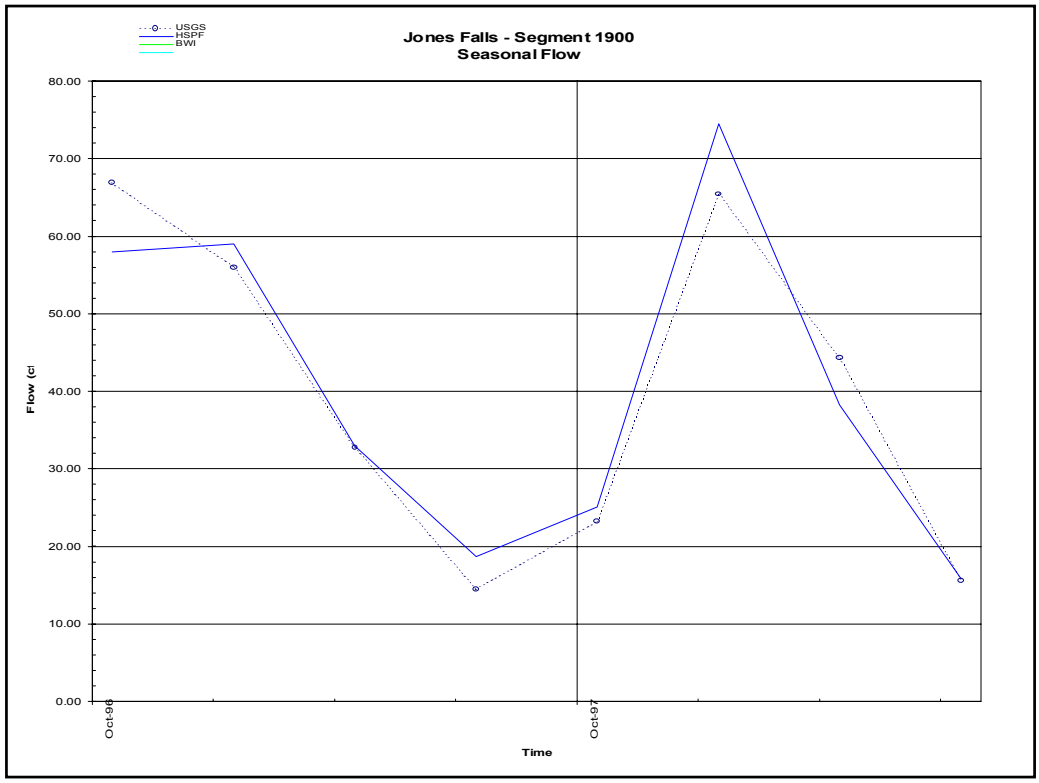
Hydrology Calibration





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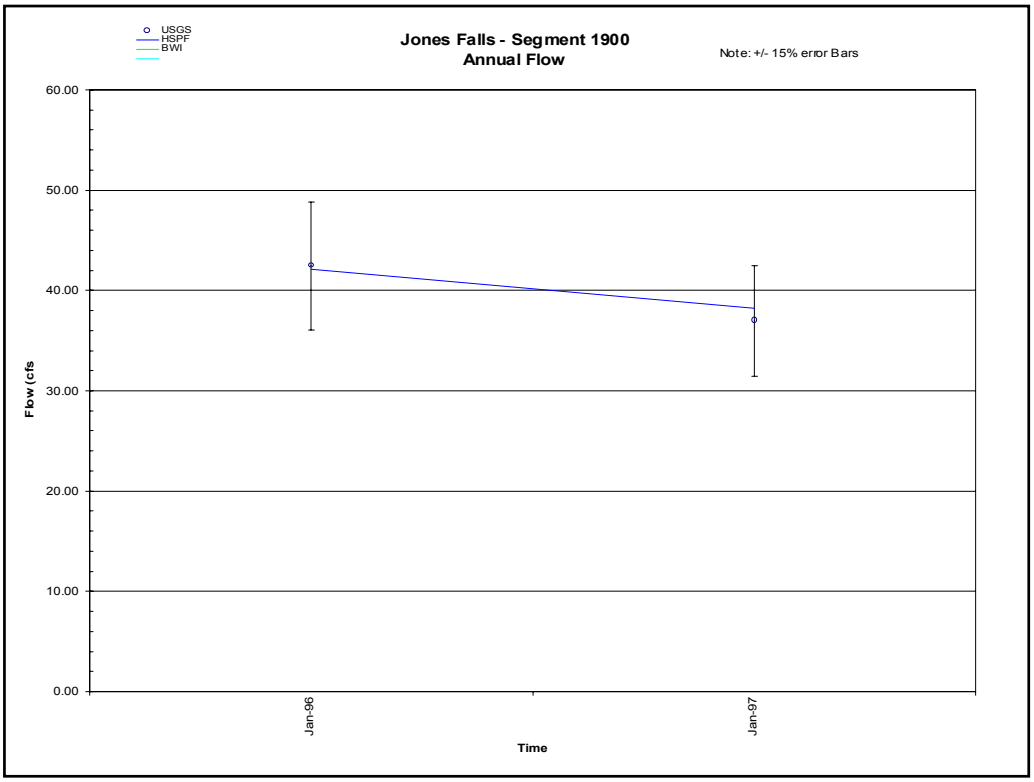
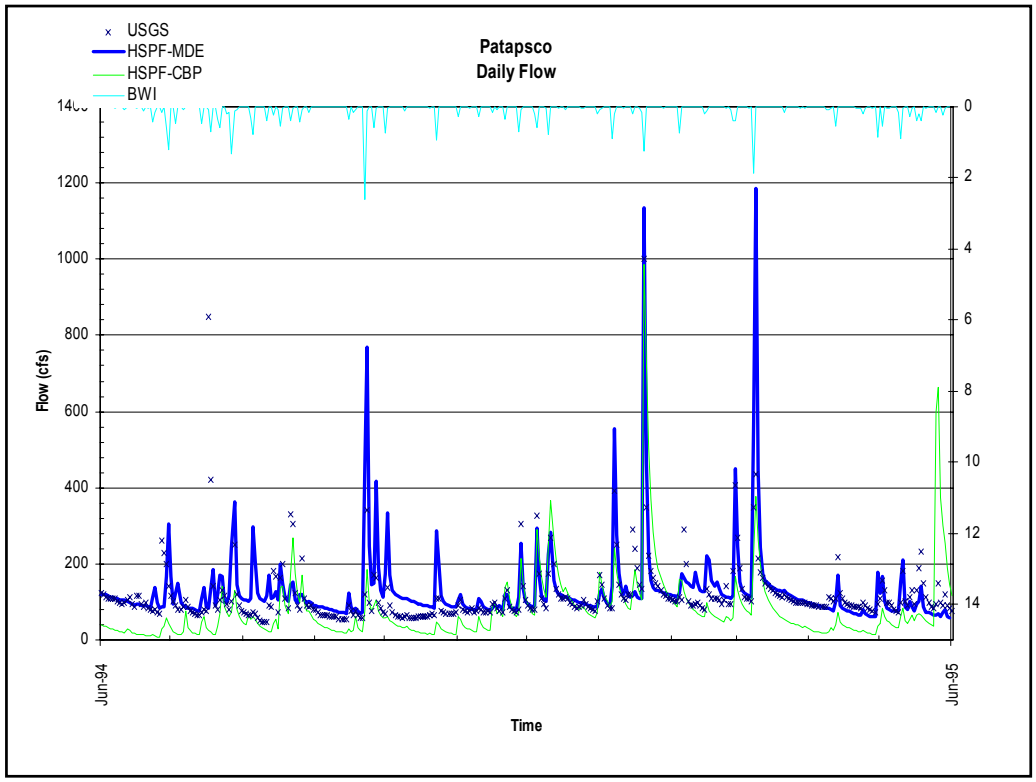
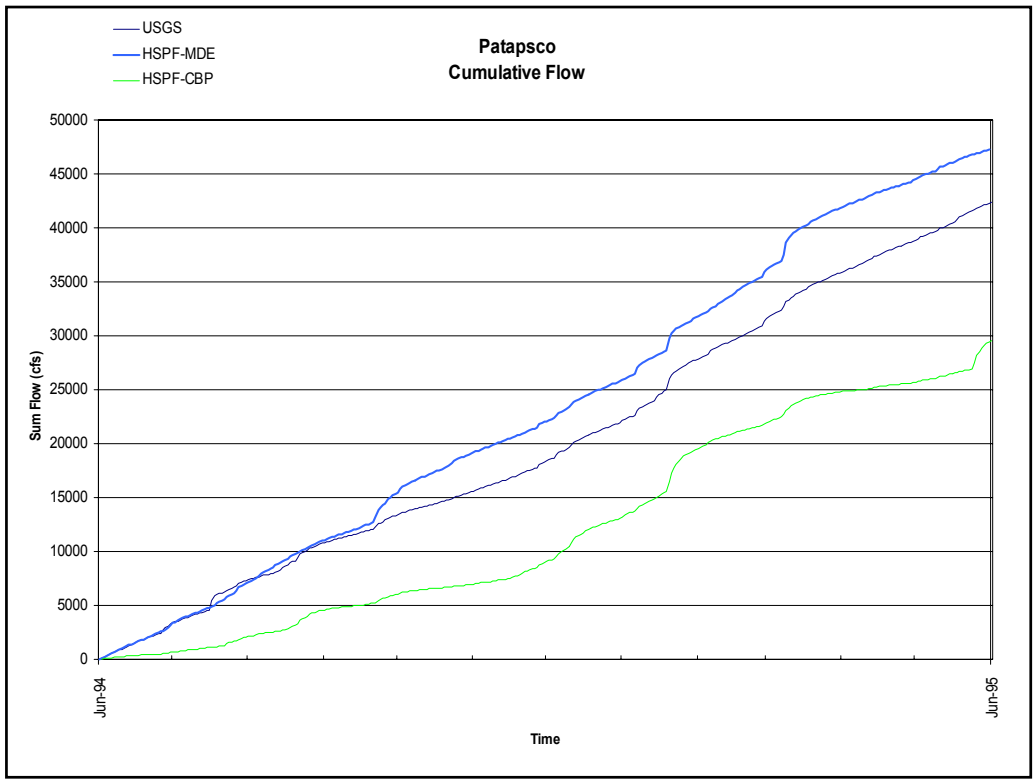
Hydrology Calibration



	RMS %	*LS (avg) %*	*RSQR*
Monthly (HSPF)	22.5	18.4	0.850
Monthly (SWMM)	19.8	16.6	0.914
Seasonal (HSPF)	13.4	10.7	0.931
Seasonal (SWMM)	15.7	11.5	0.952
Annual (HSPF)	2.3	2.1	
Seasonal (SWMM)	4.9	4.4	

APPENDIX C
Hydrology Calibration





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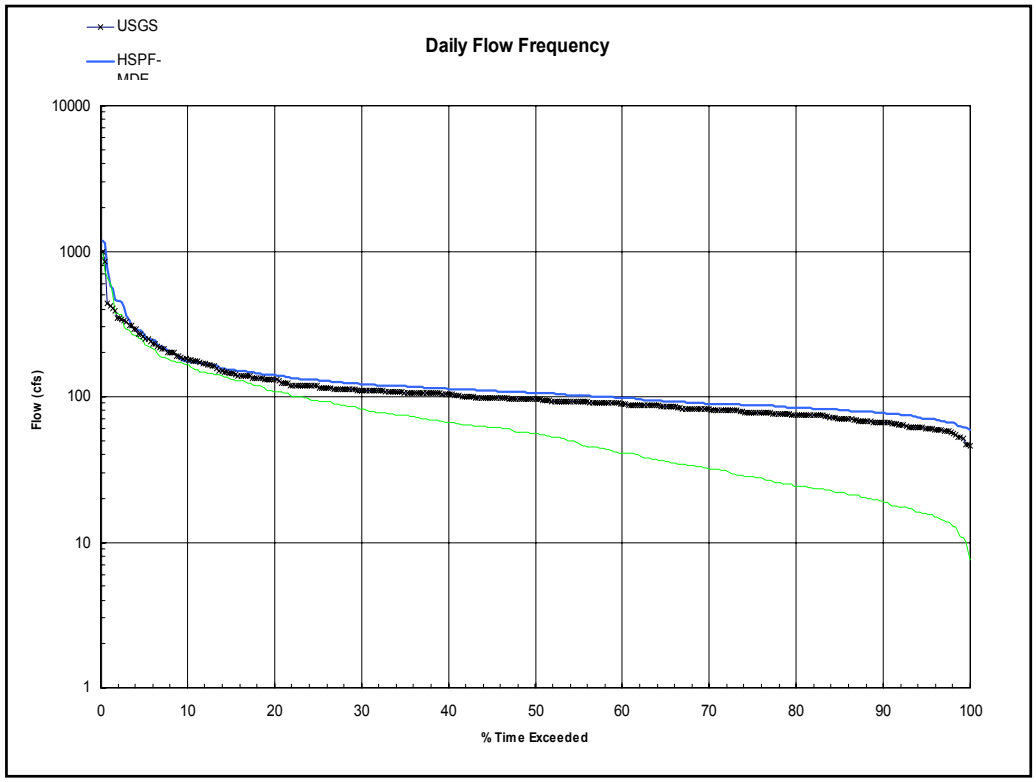
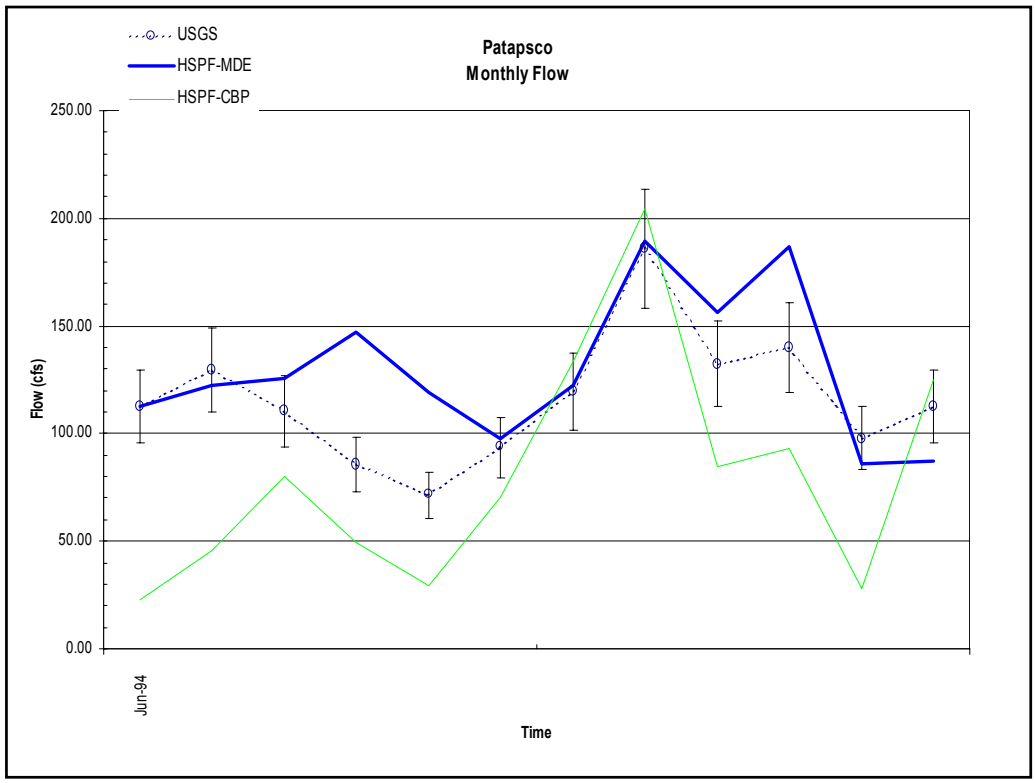
Hydrology Calibration





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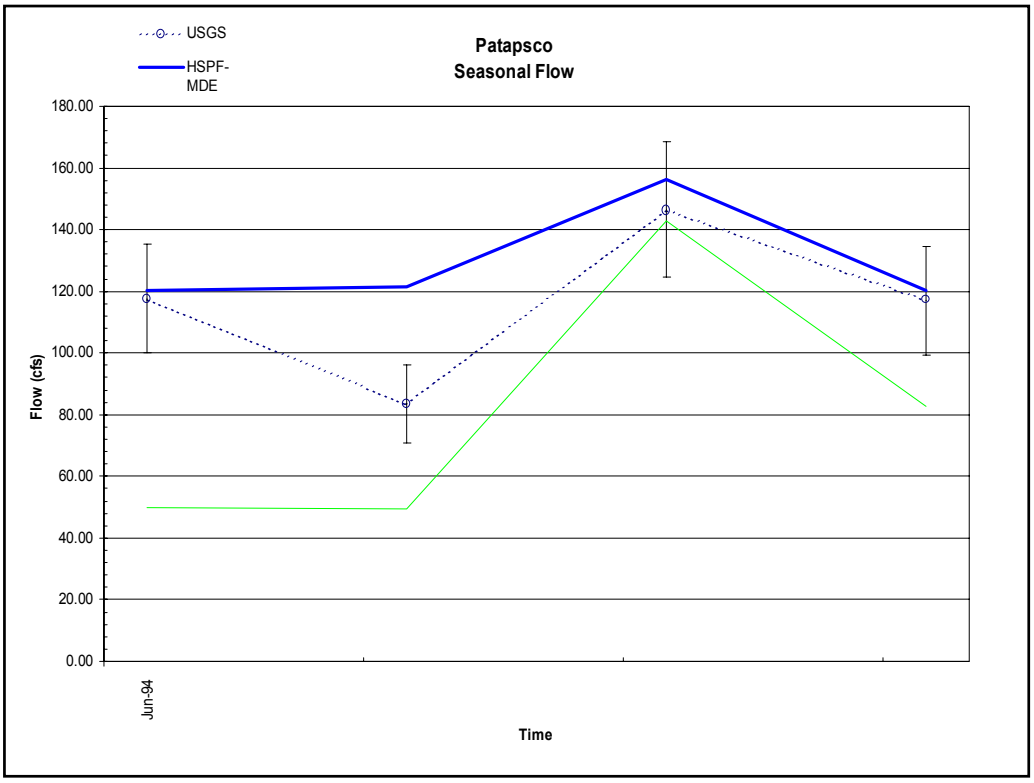

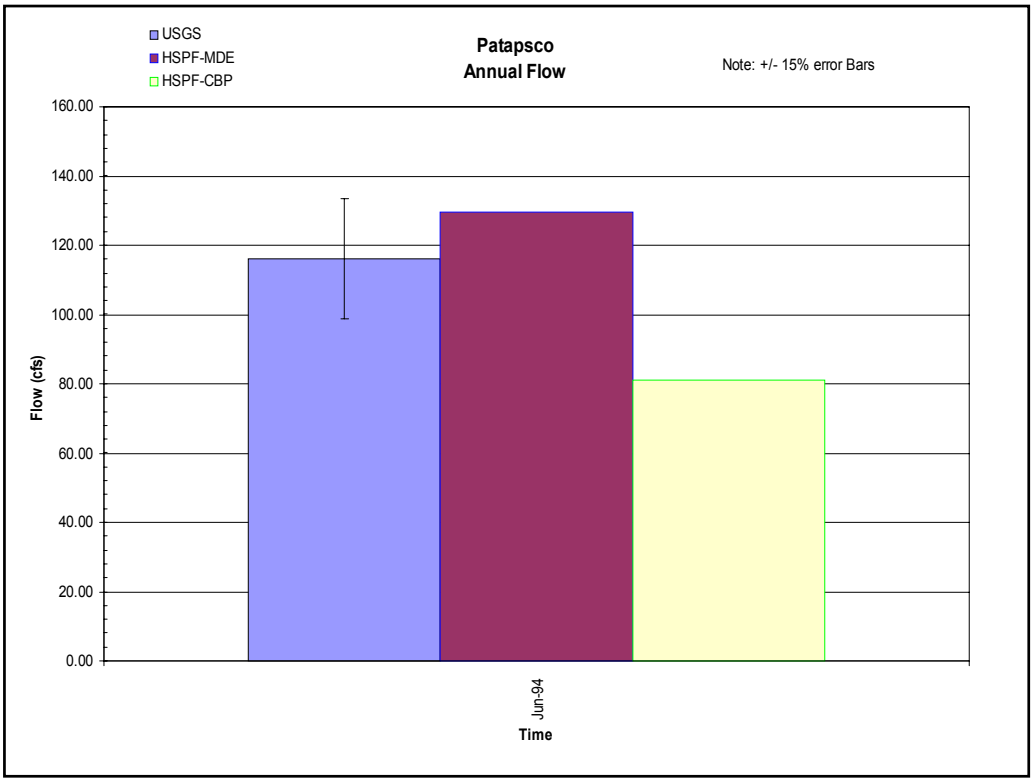

APPENDIX C
Hydrology Calibration

	RMS ***%***	***LS (avg)*** ***%***	***RSQR***
Monthly (HSPF)	24.8	21.1	0.448
Monthly (SWMM)	16.5	12	0.589
Monthly (CBP)	42.9	39.3	0.574

APPENDIX D
Nutrient Calibration

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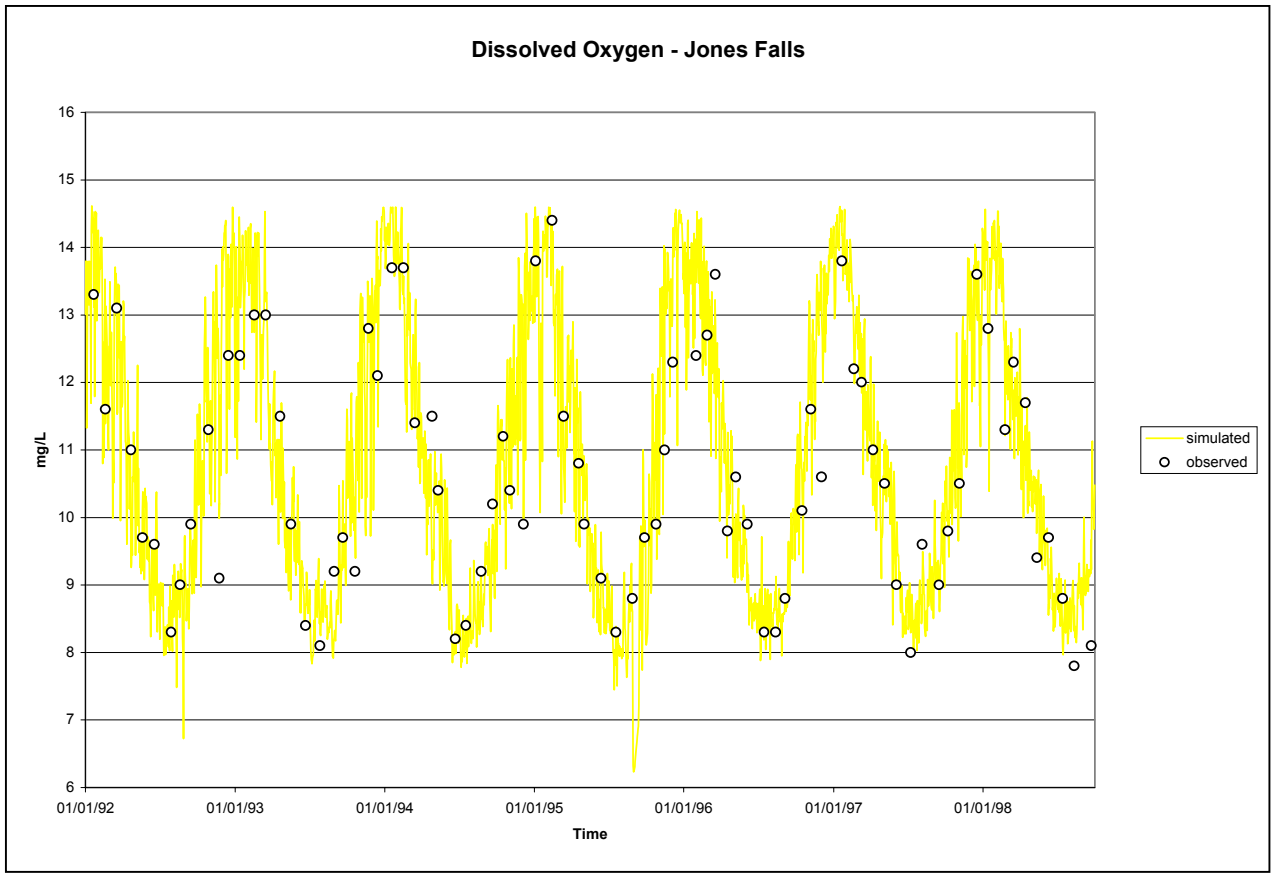
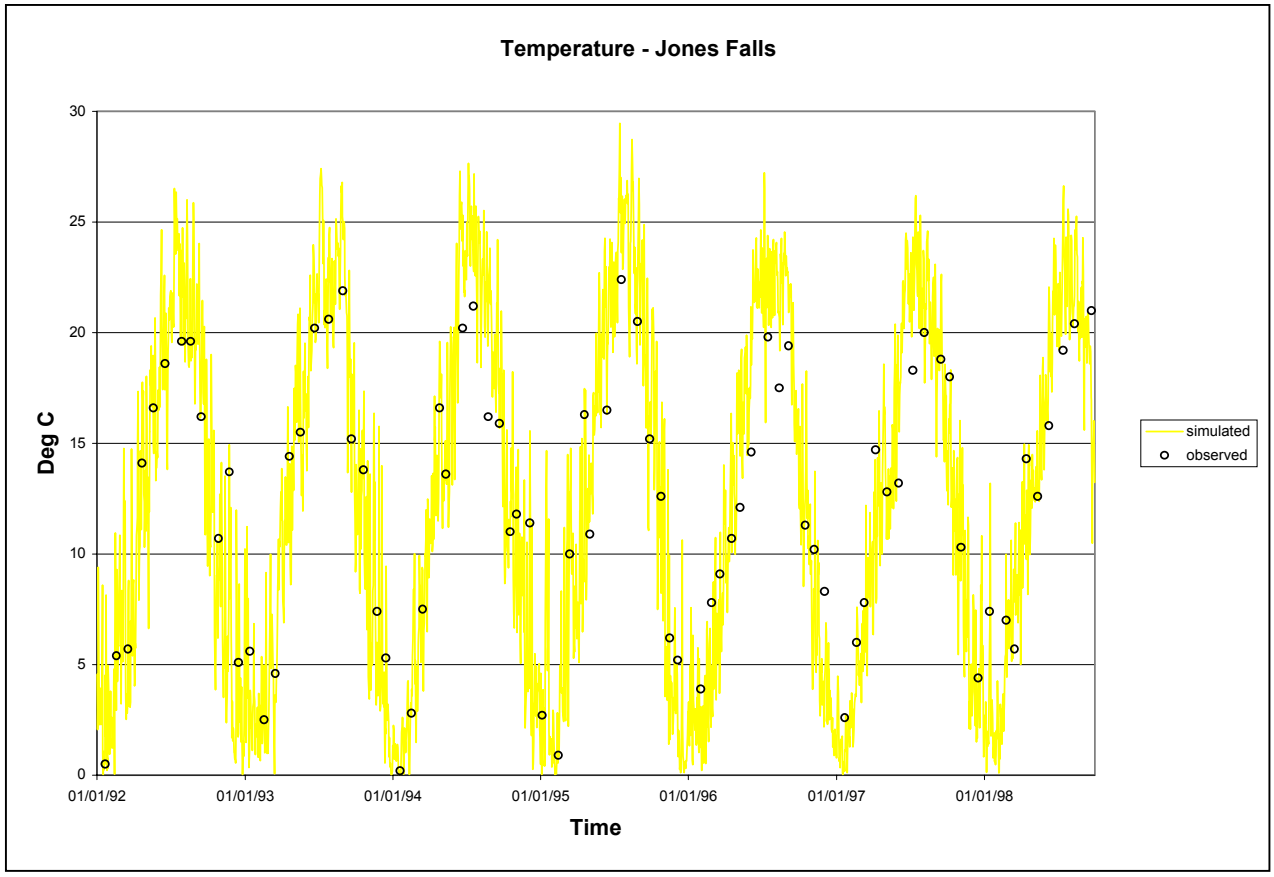
Nutrient Calibration





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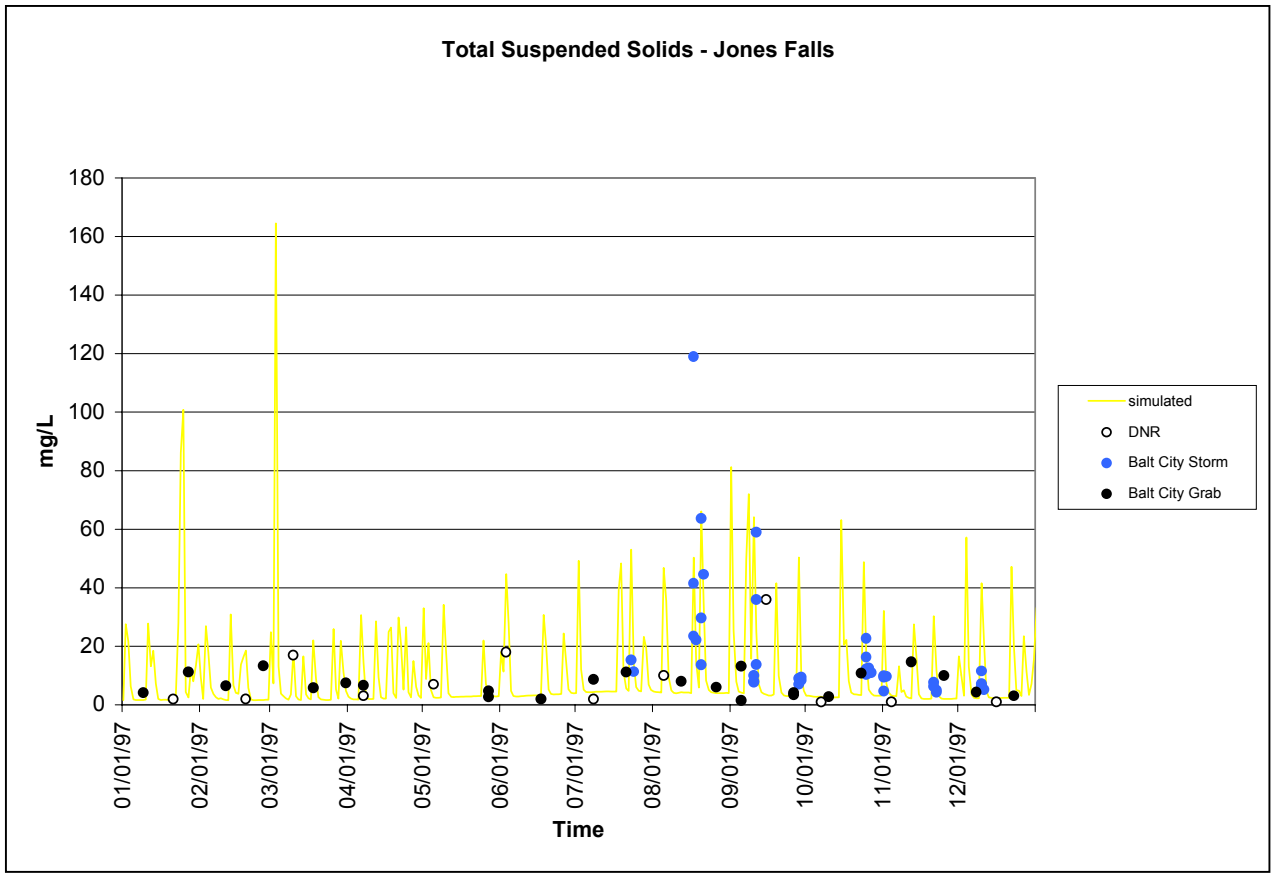

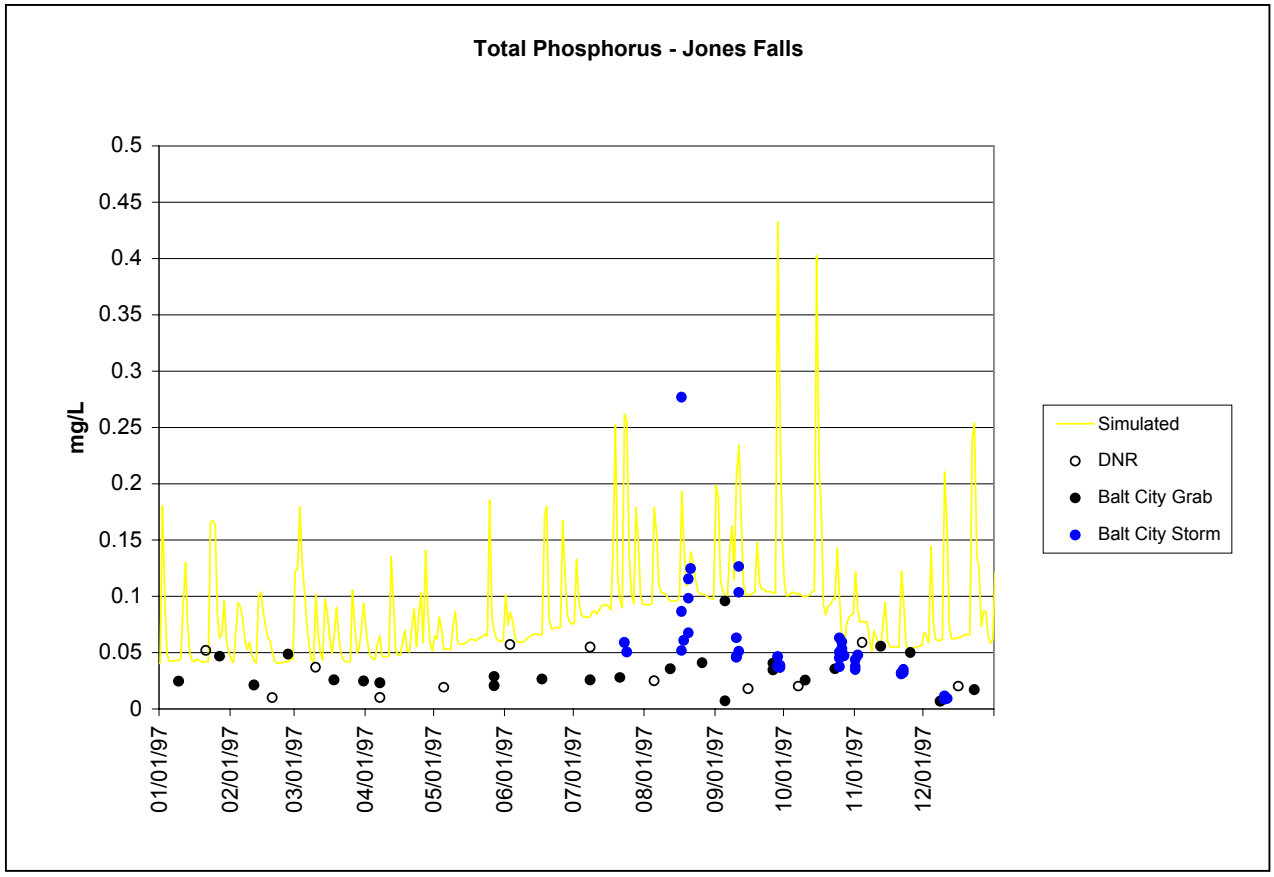

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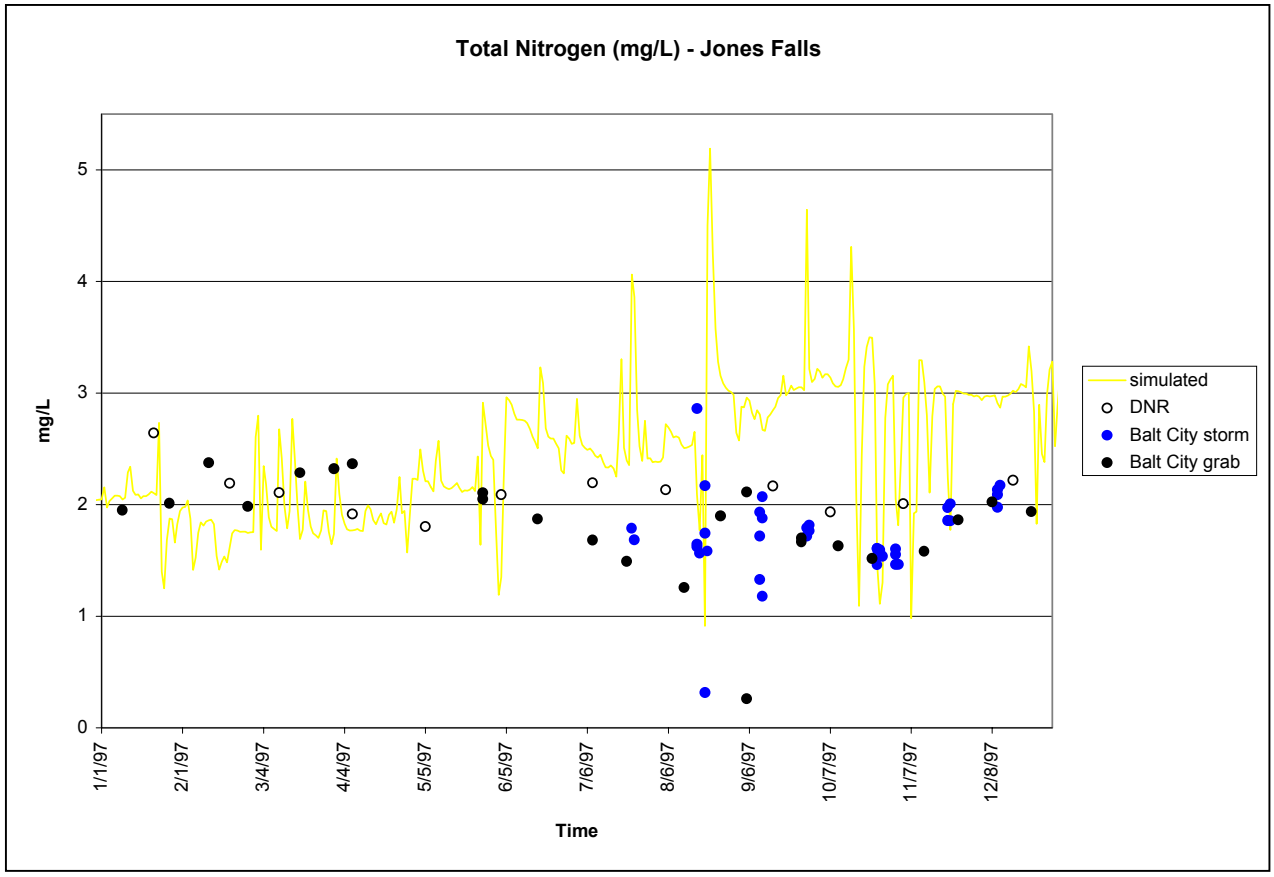

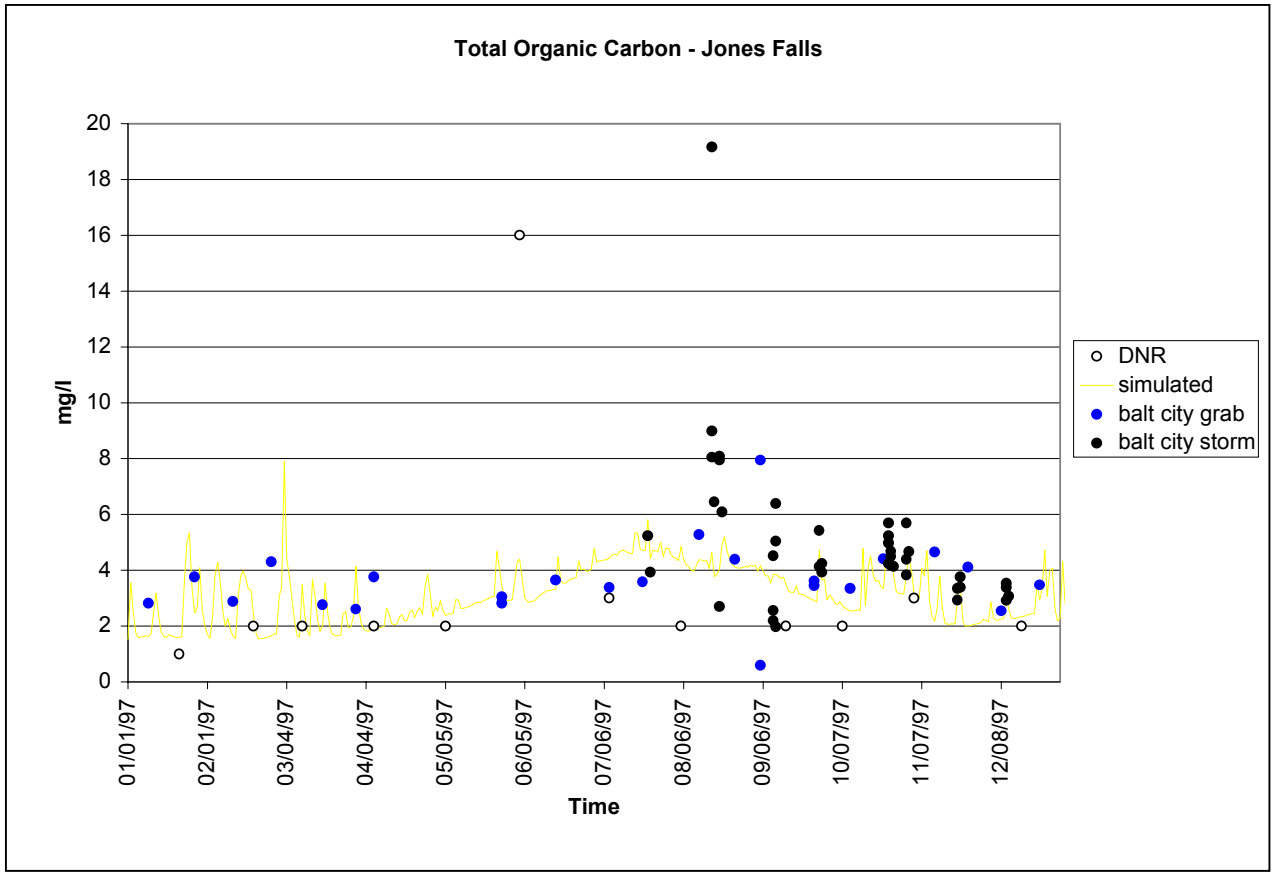

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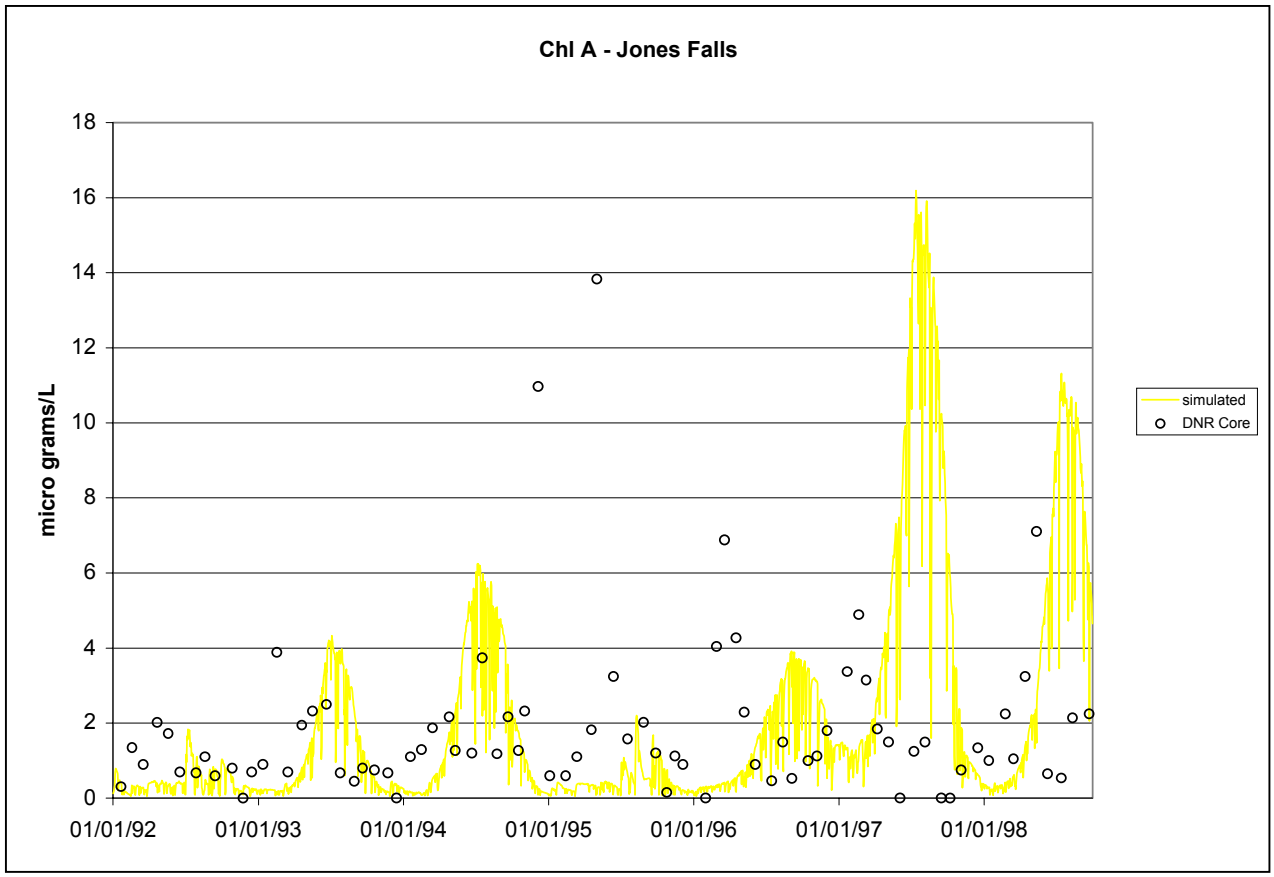

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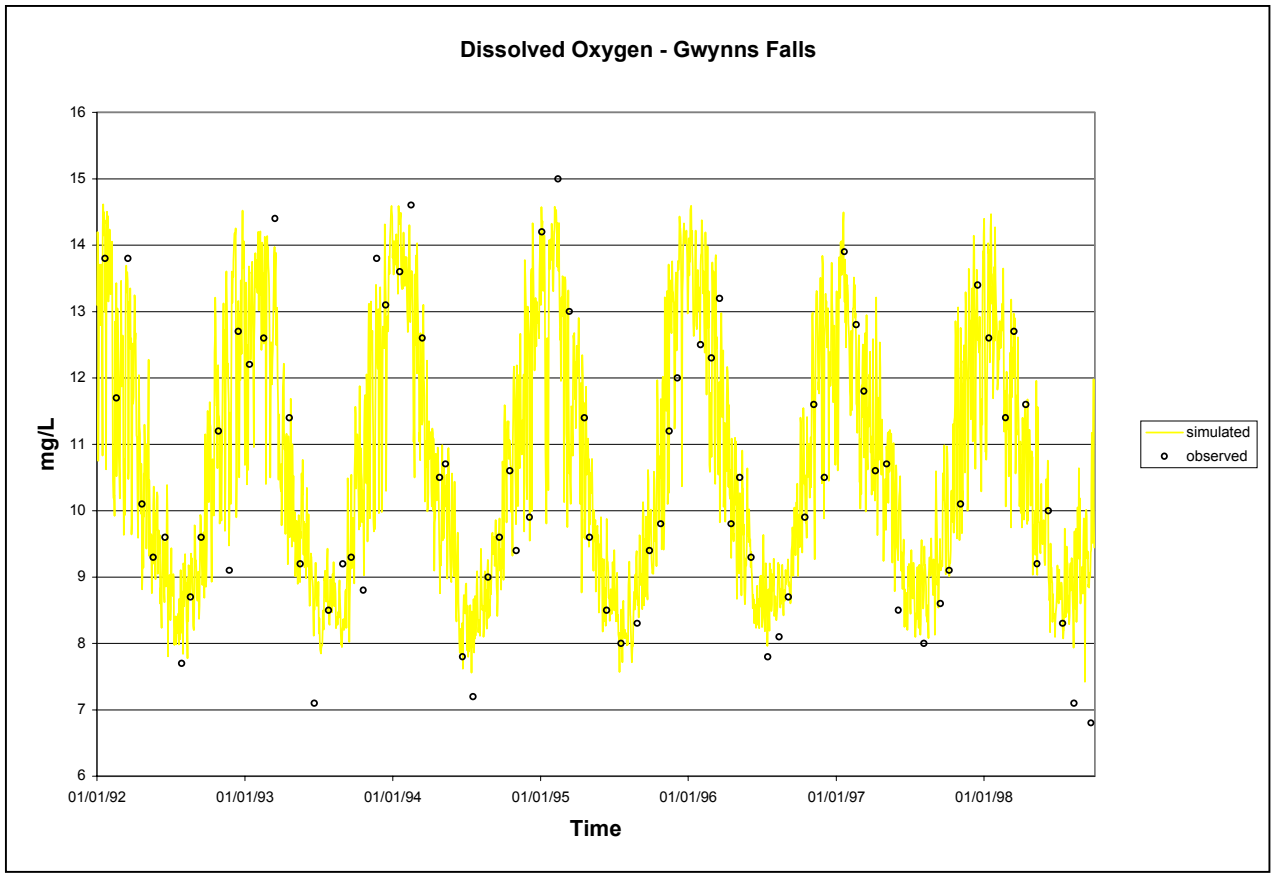

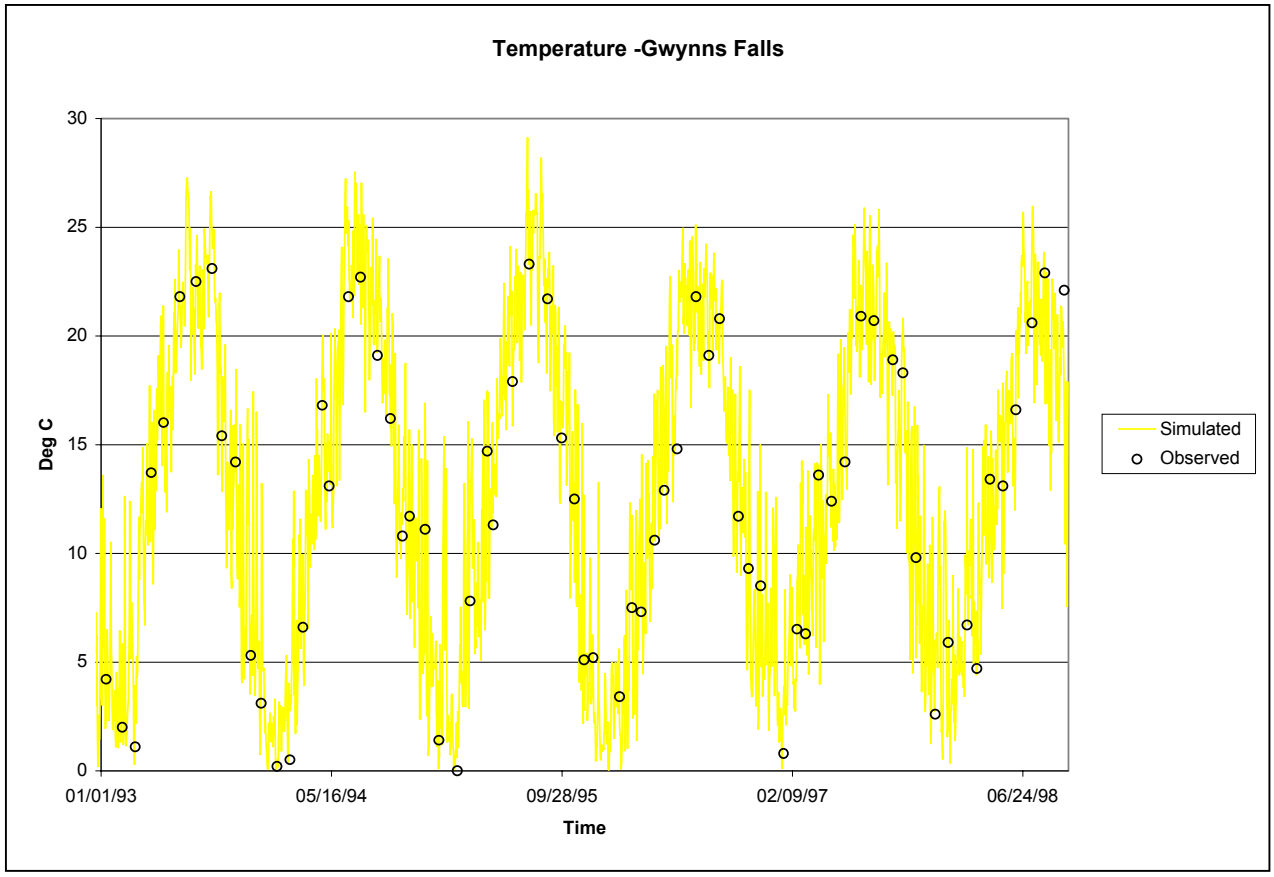

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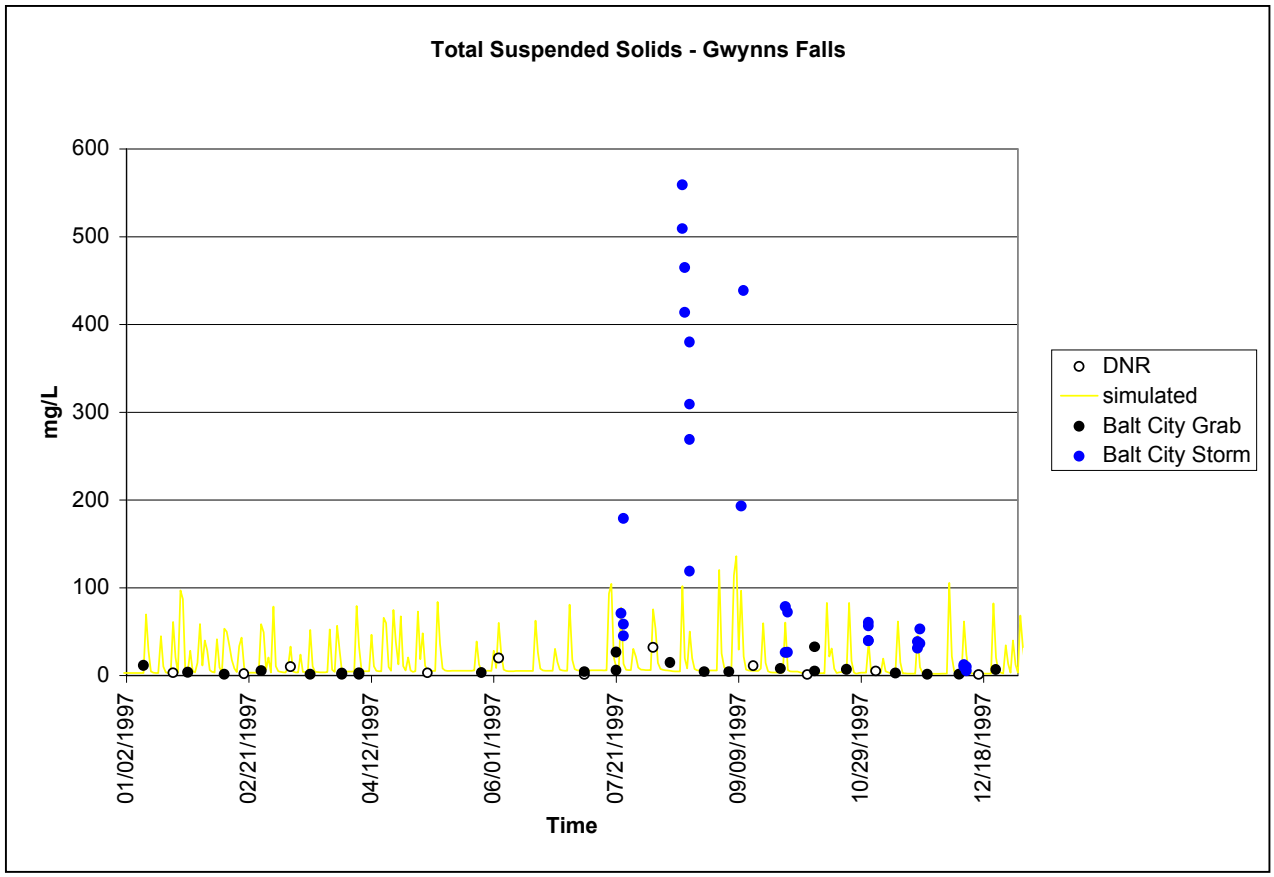

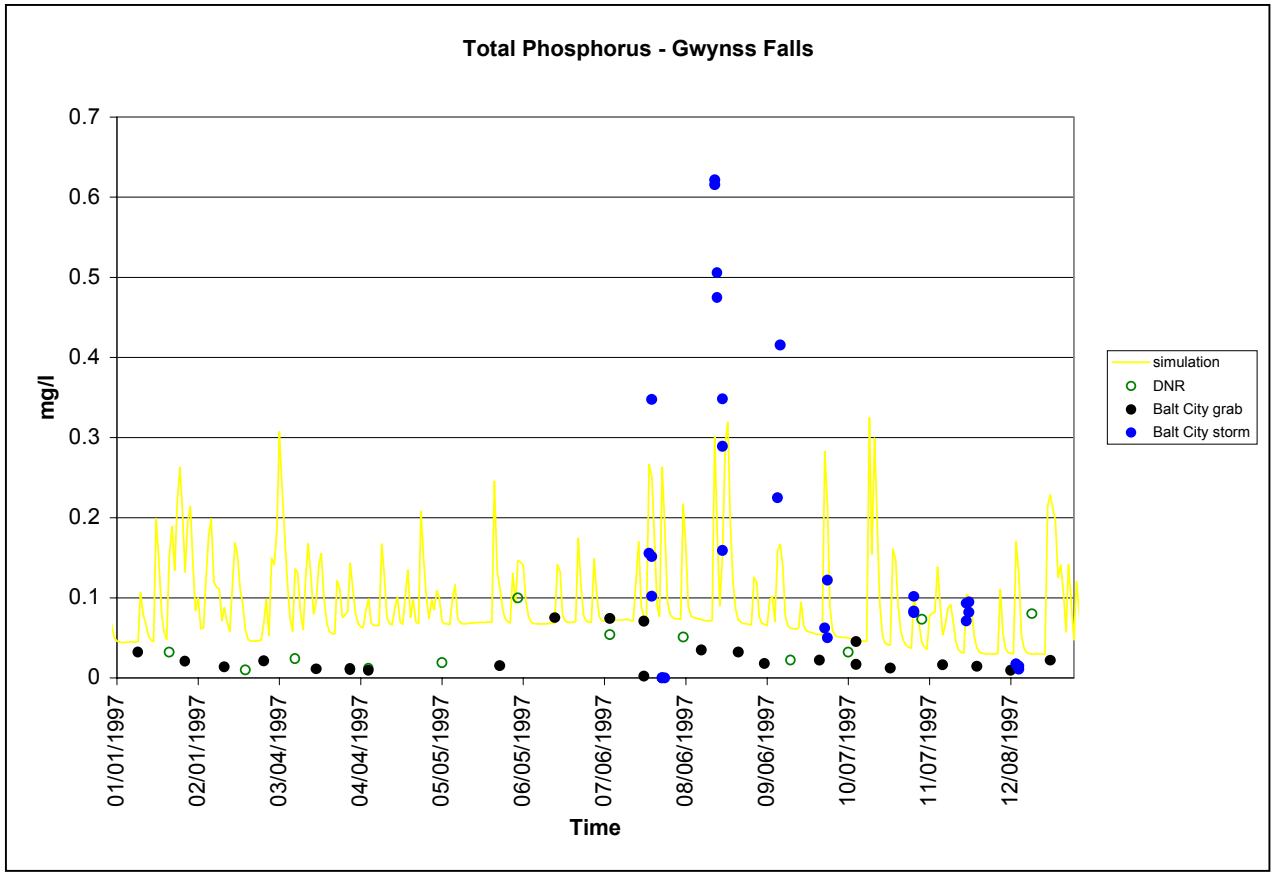

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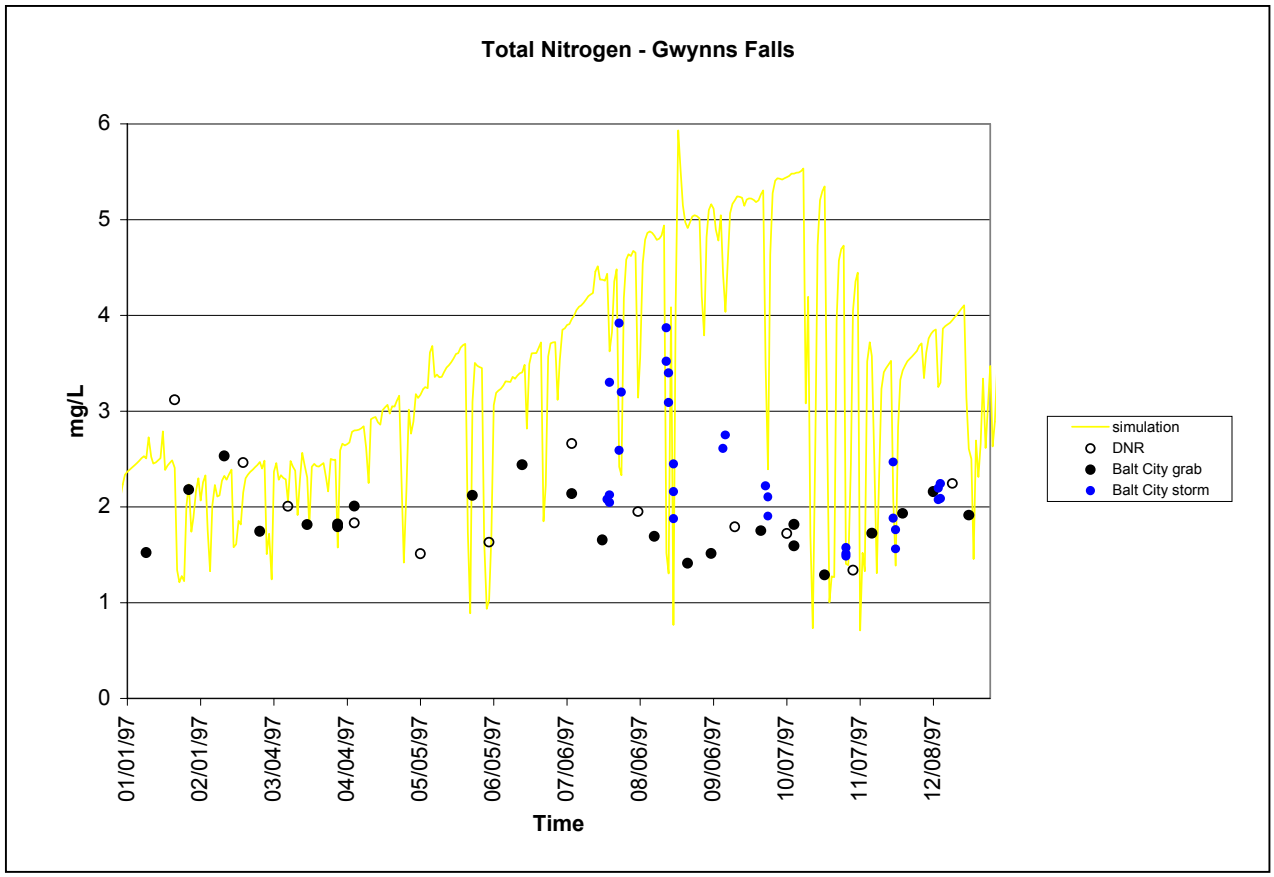

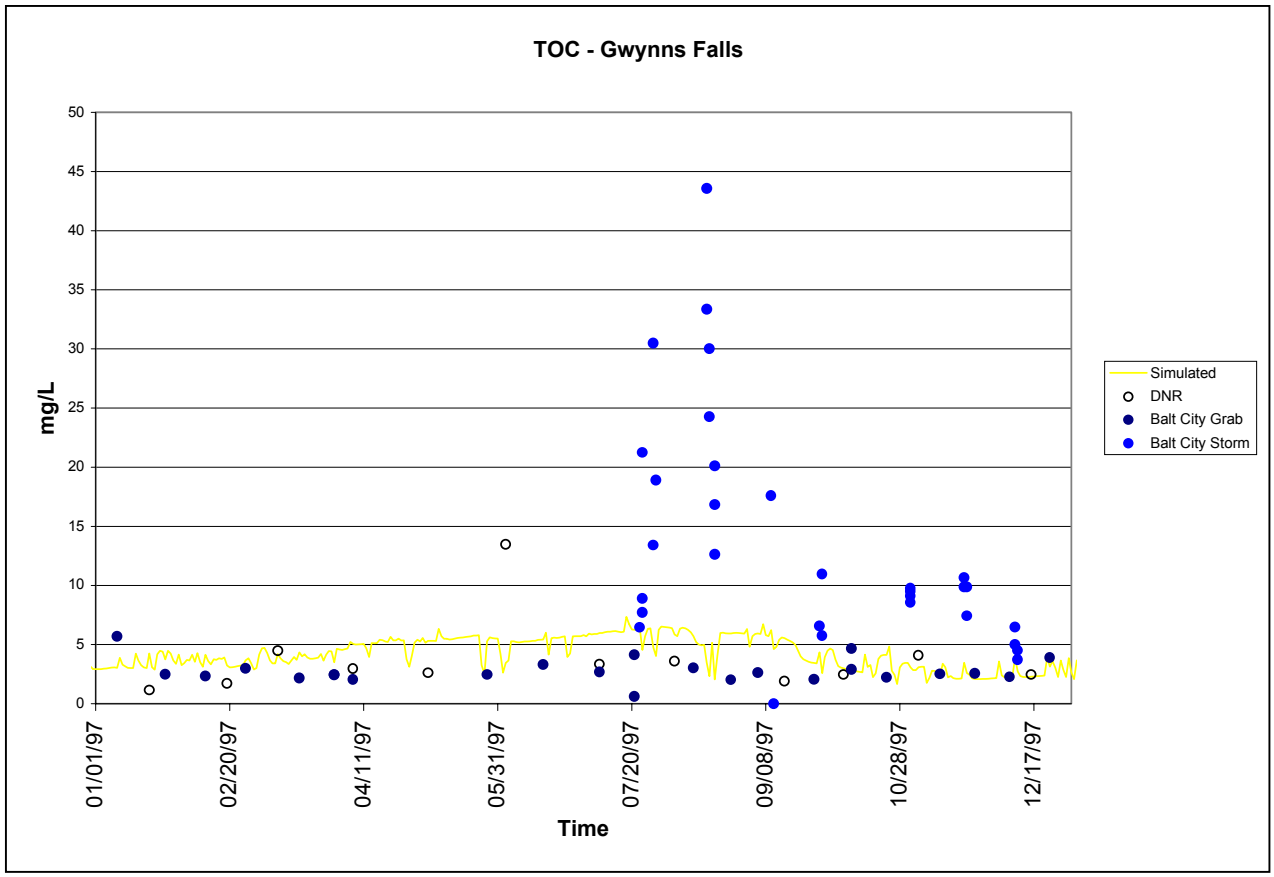

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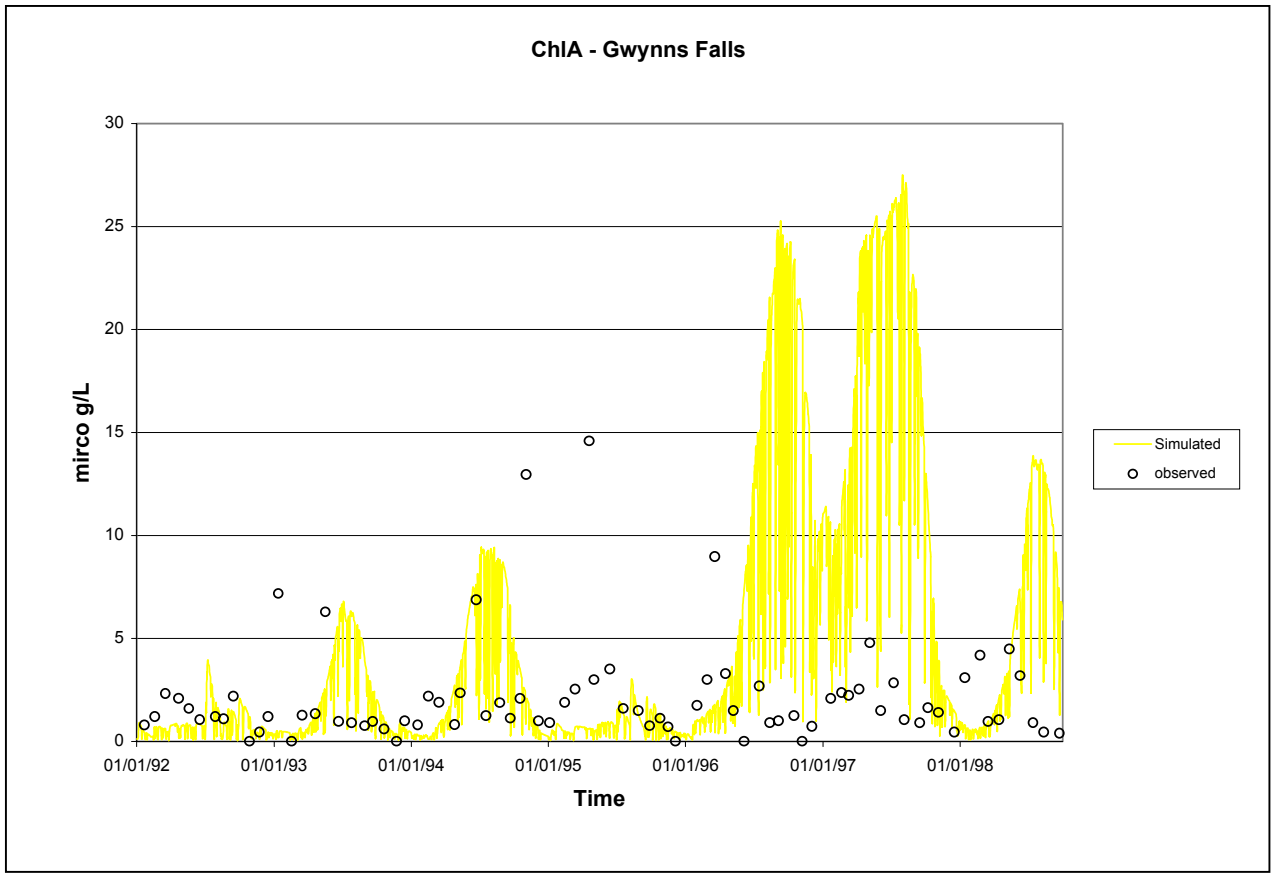

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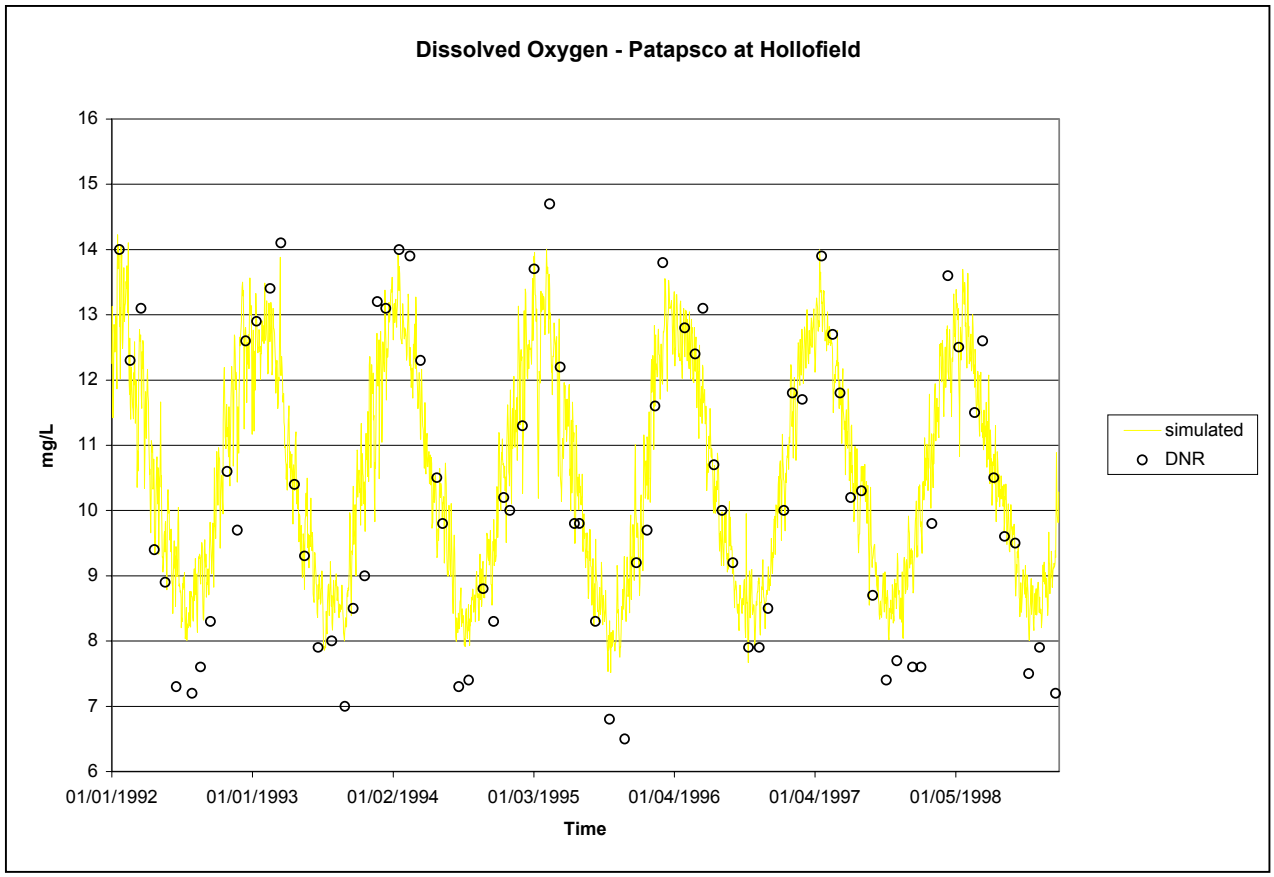

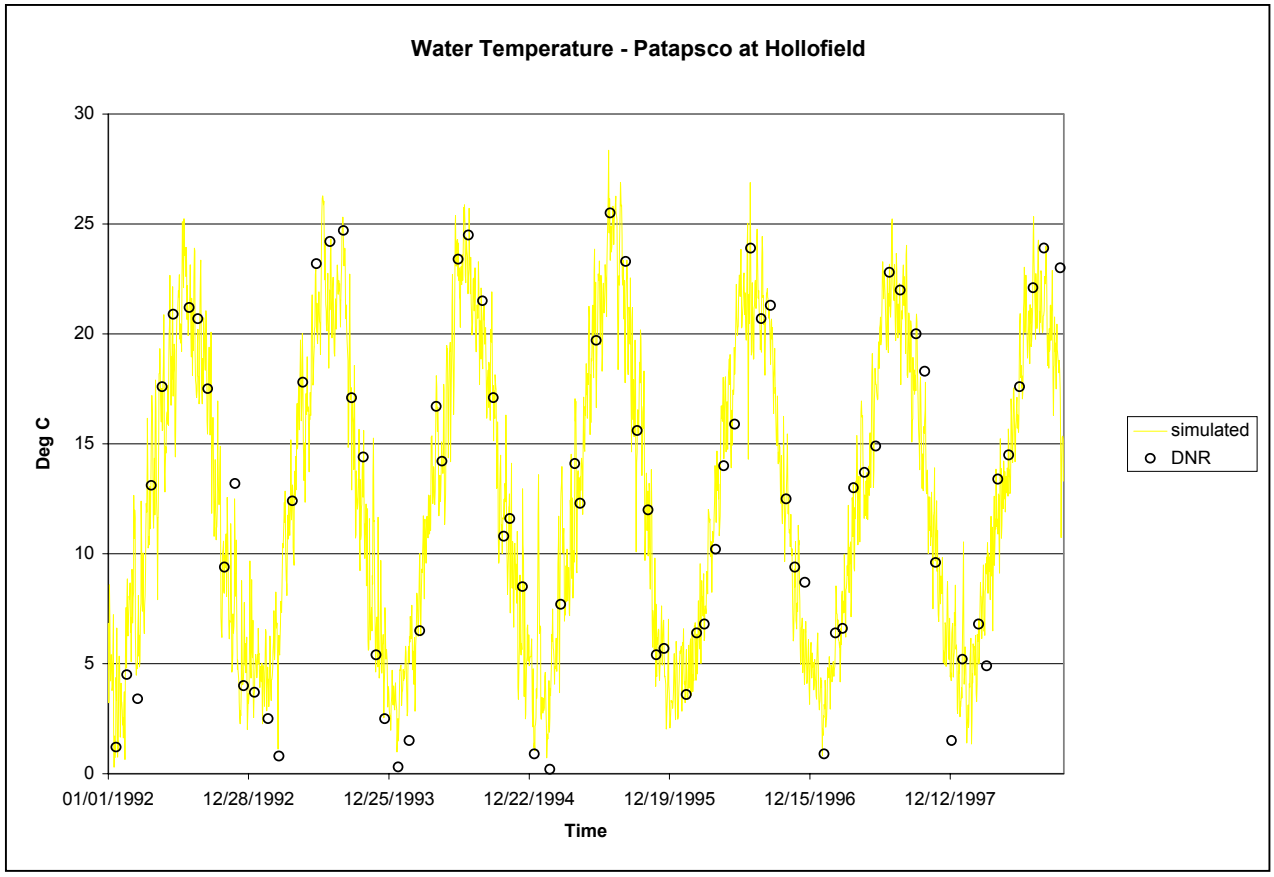

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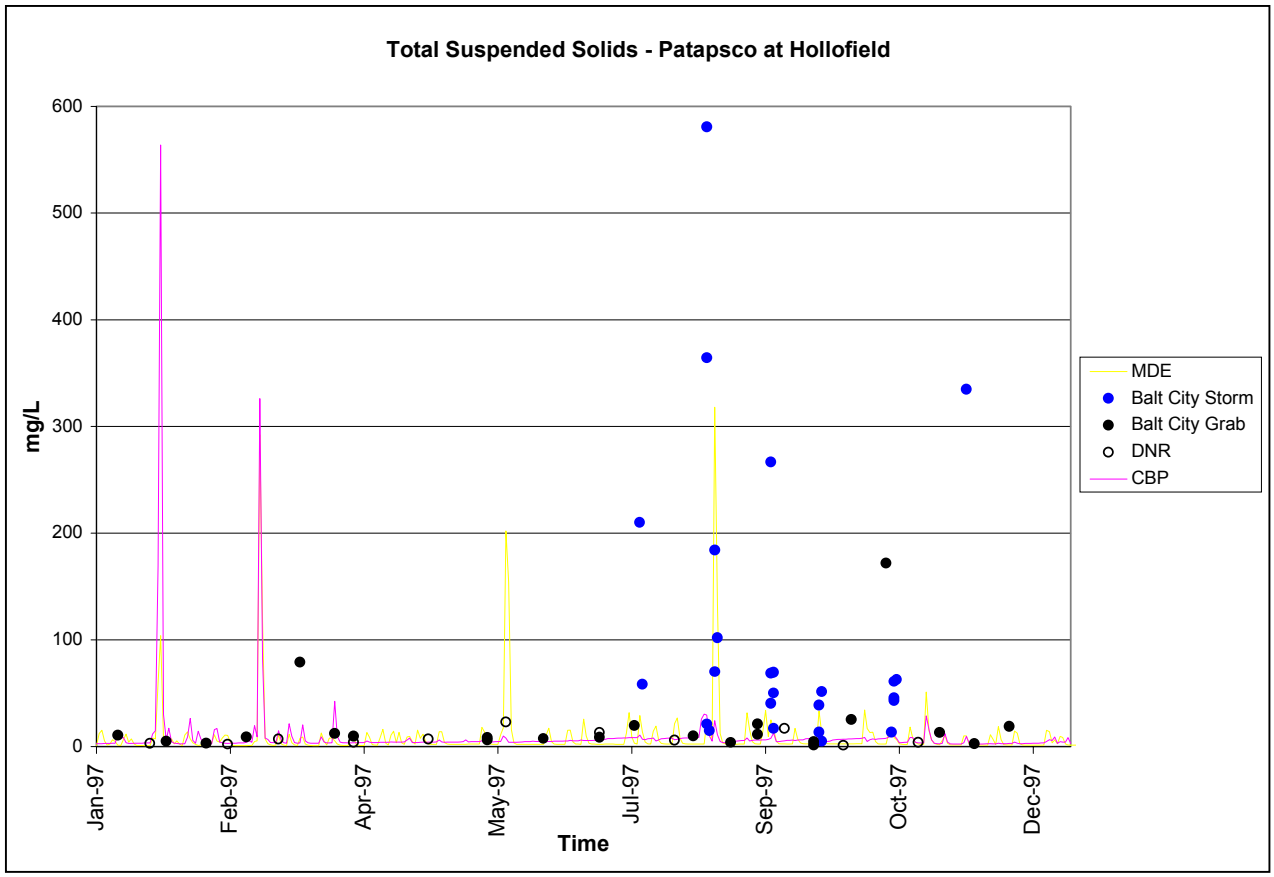

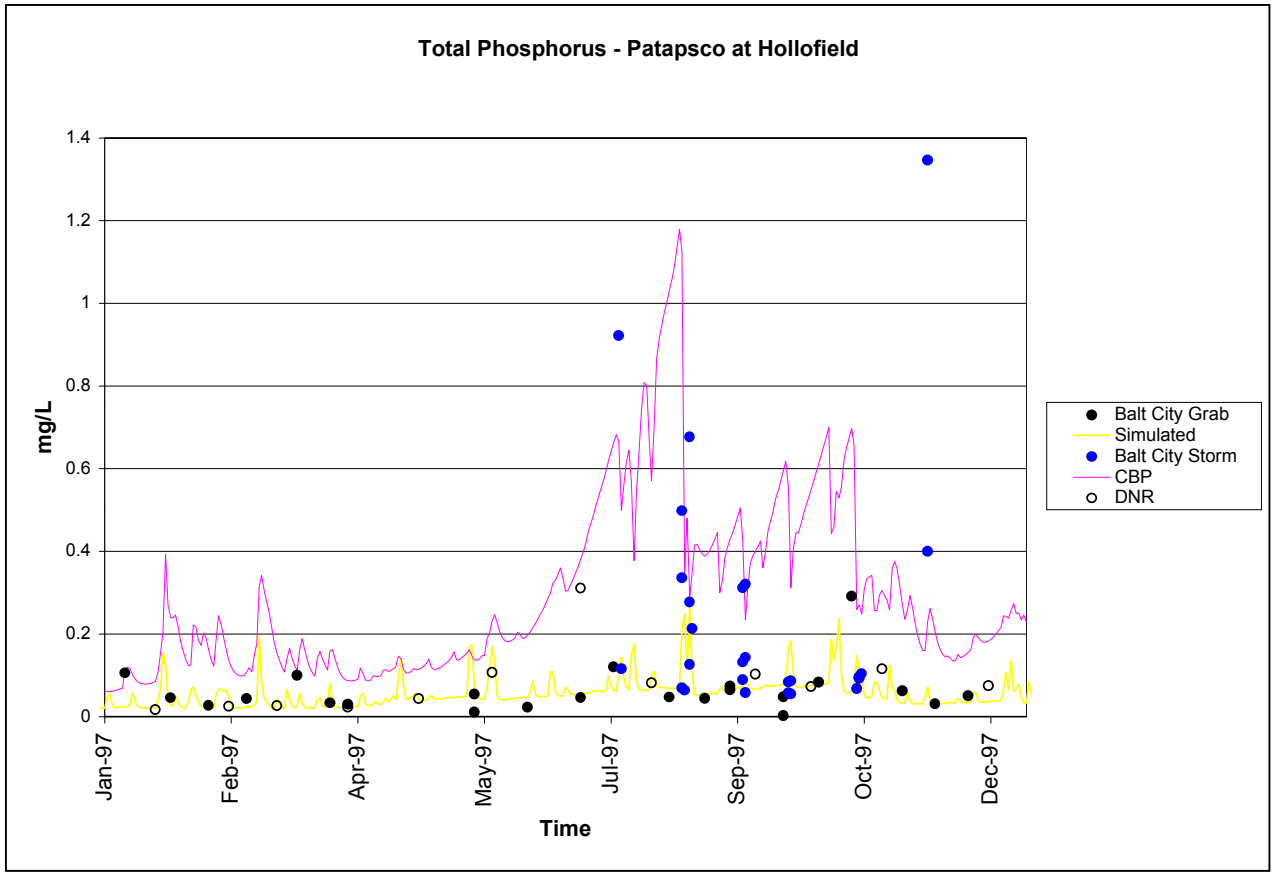

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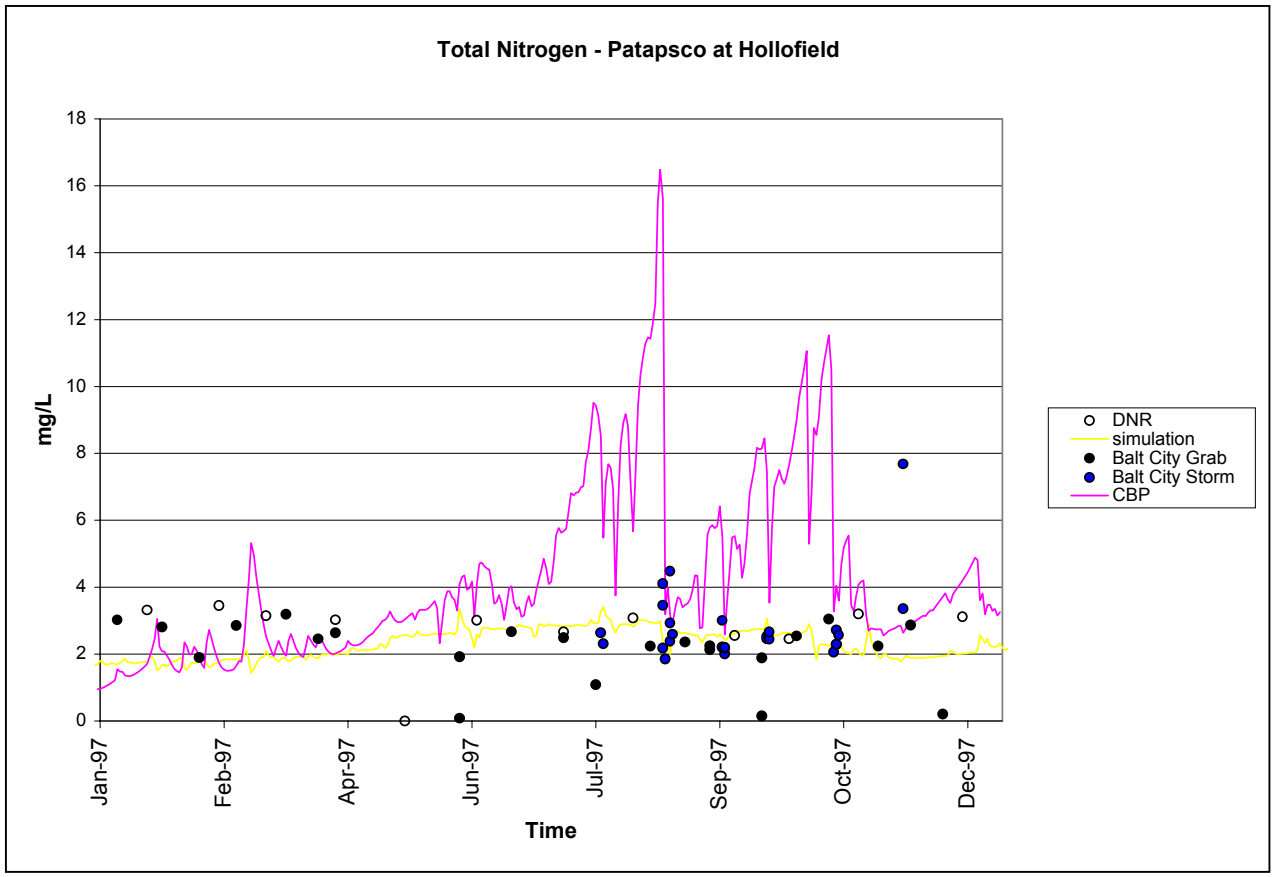

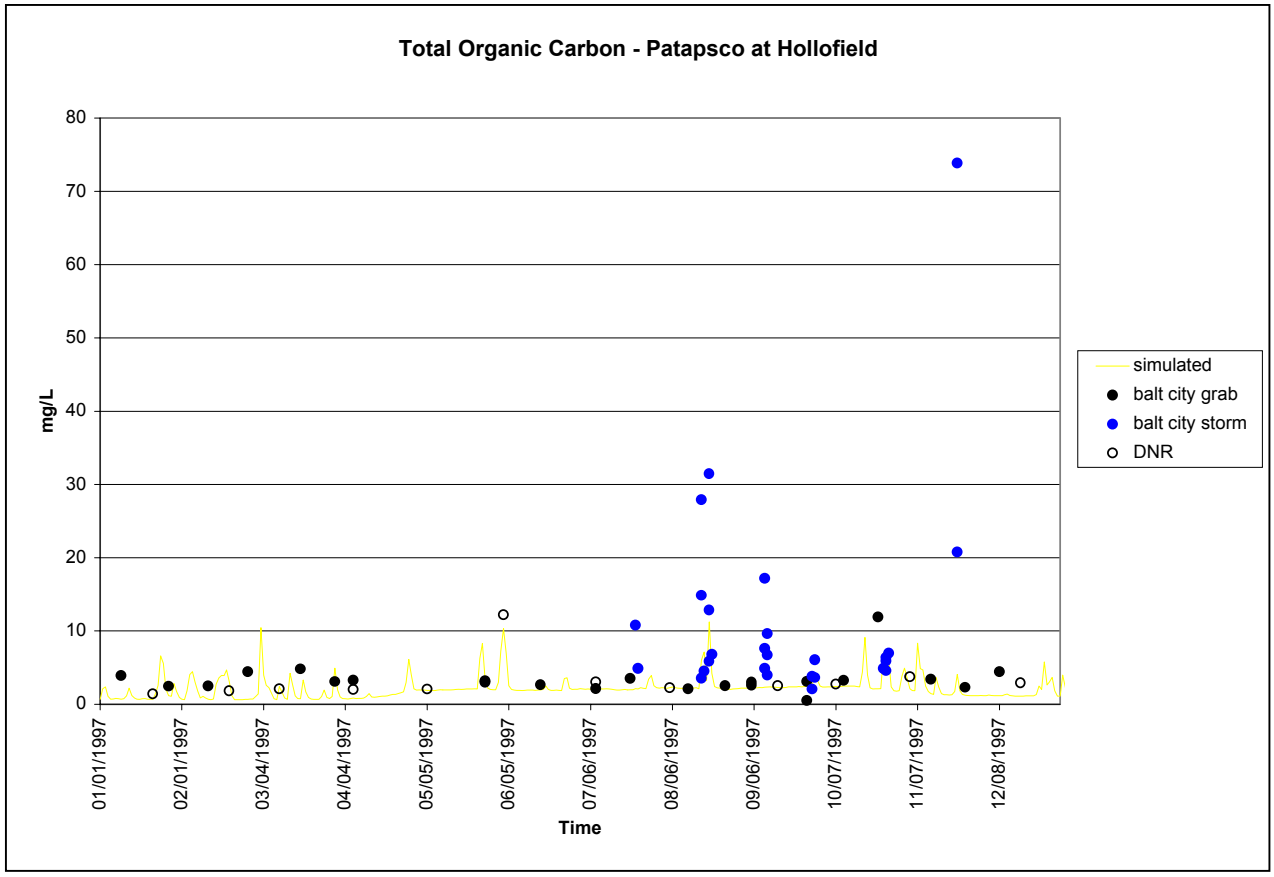

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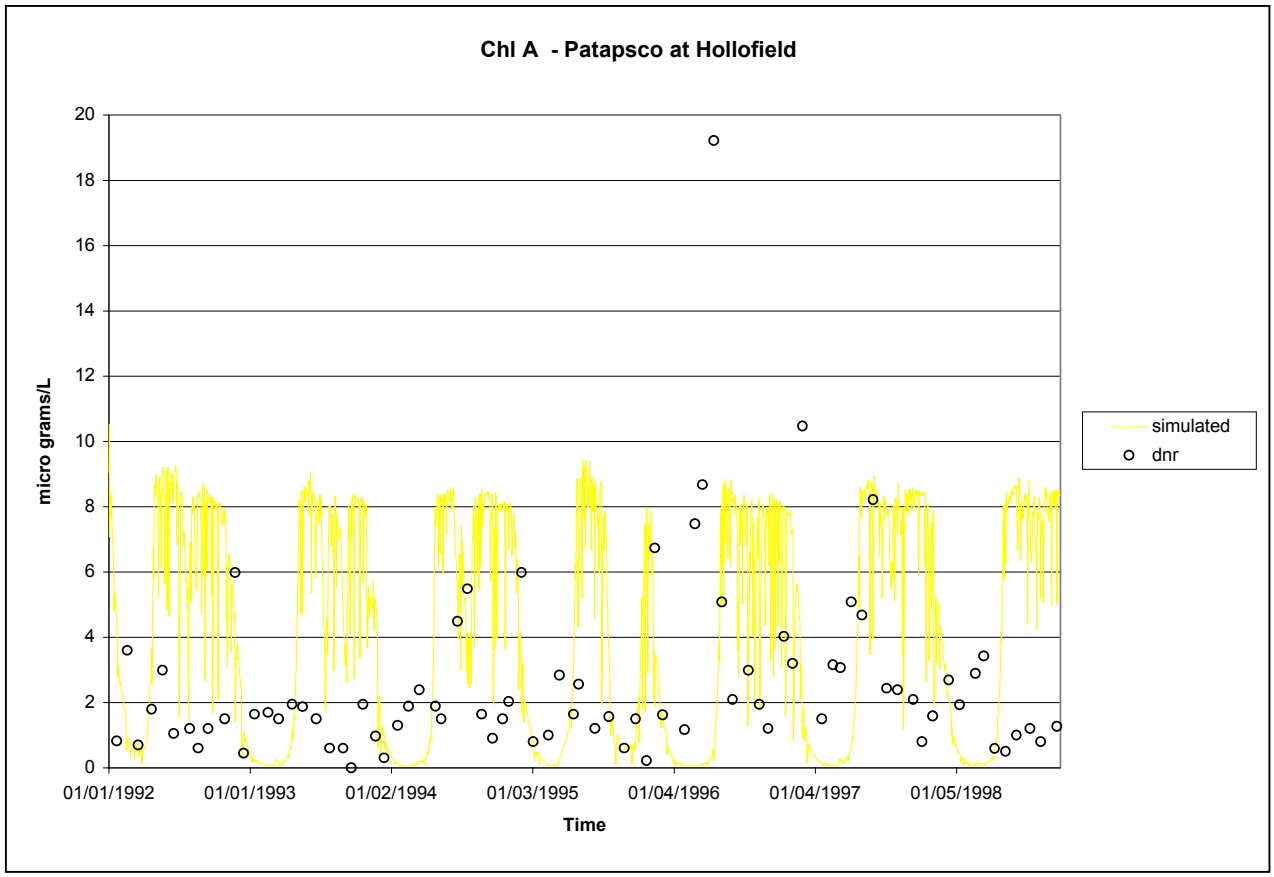

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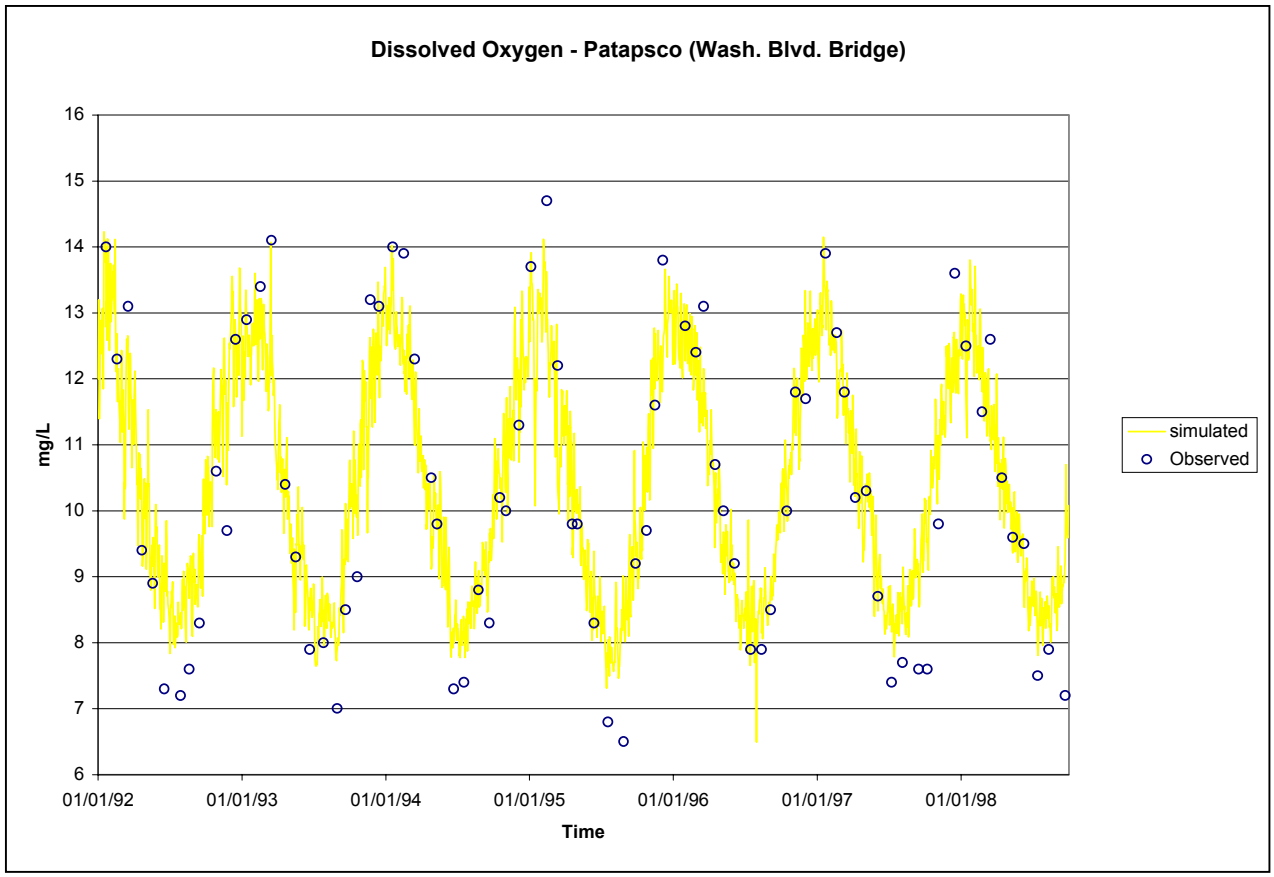

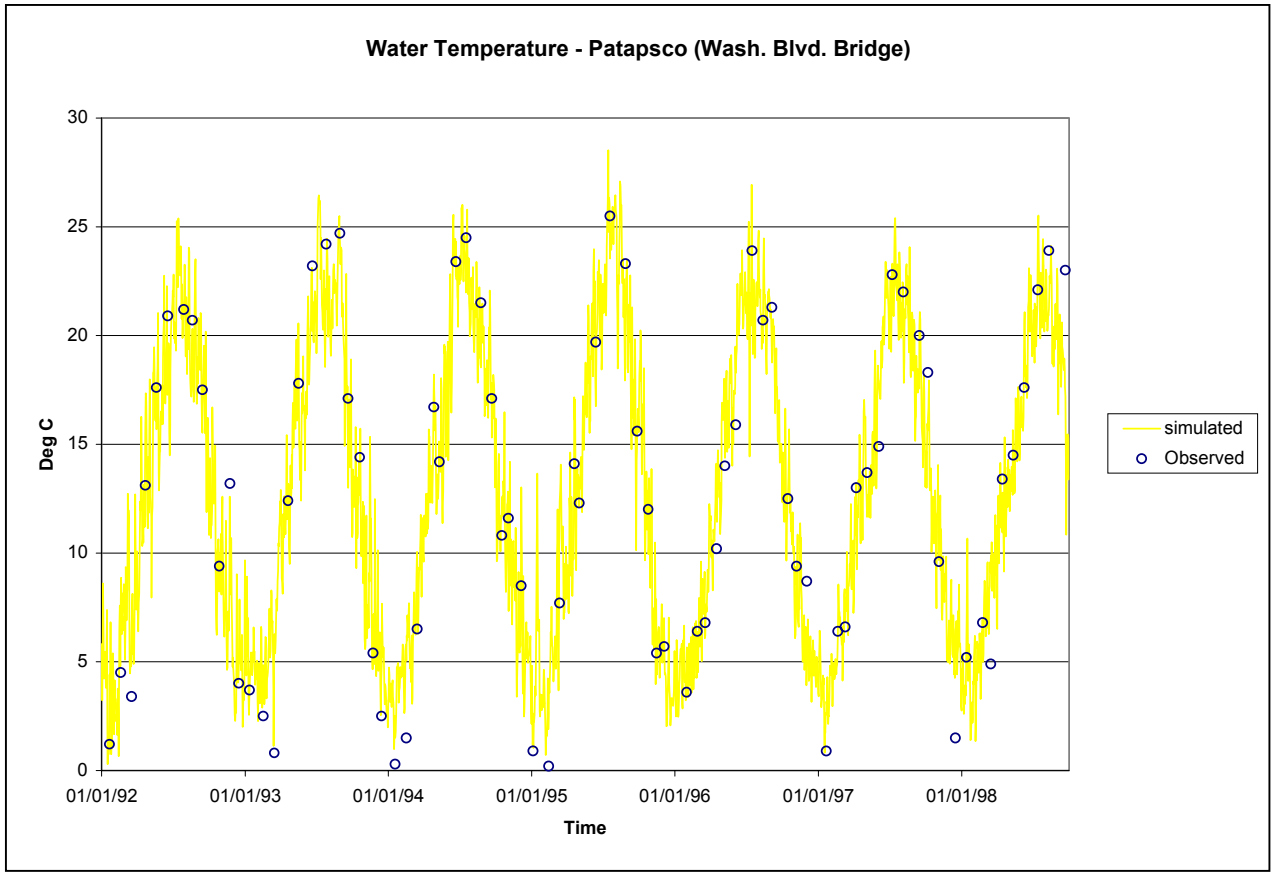

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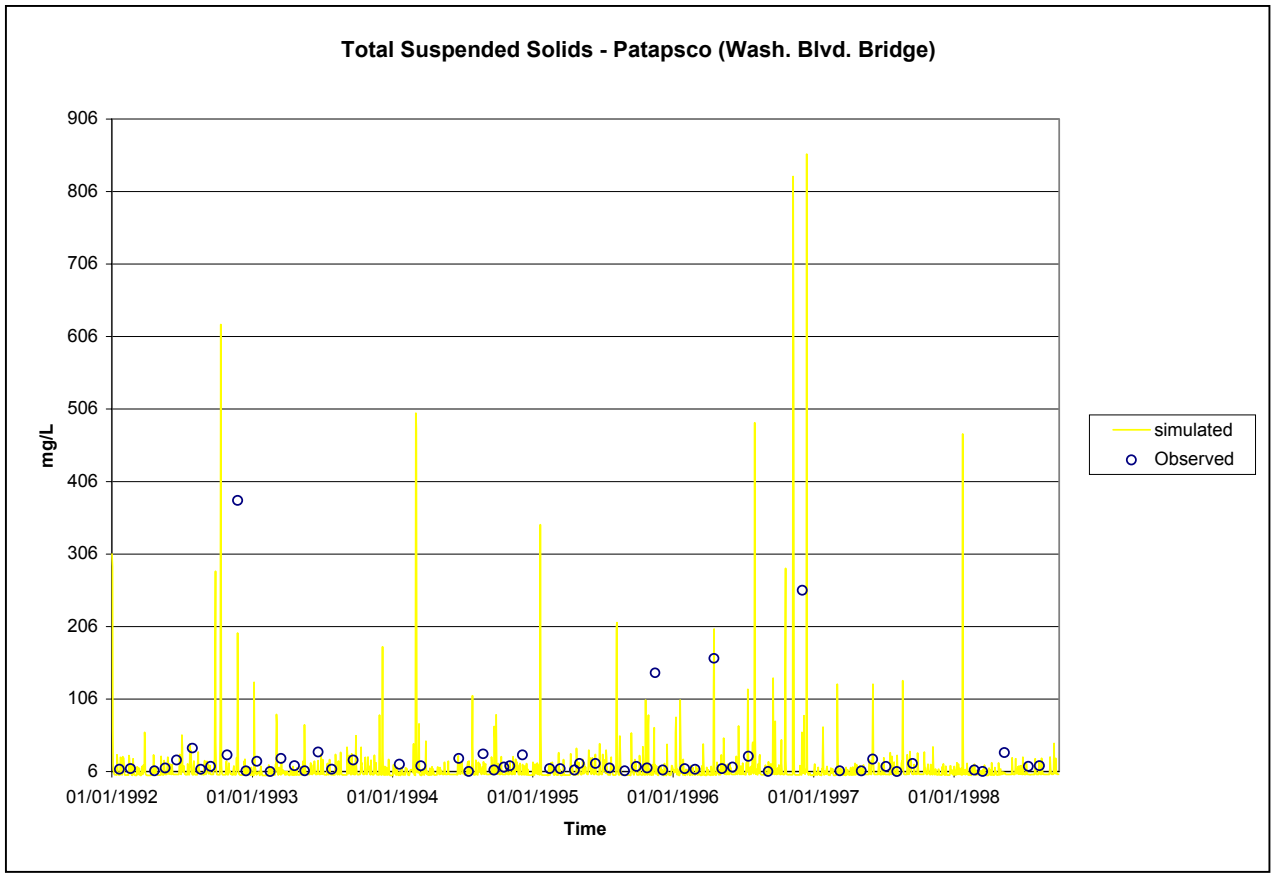

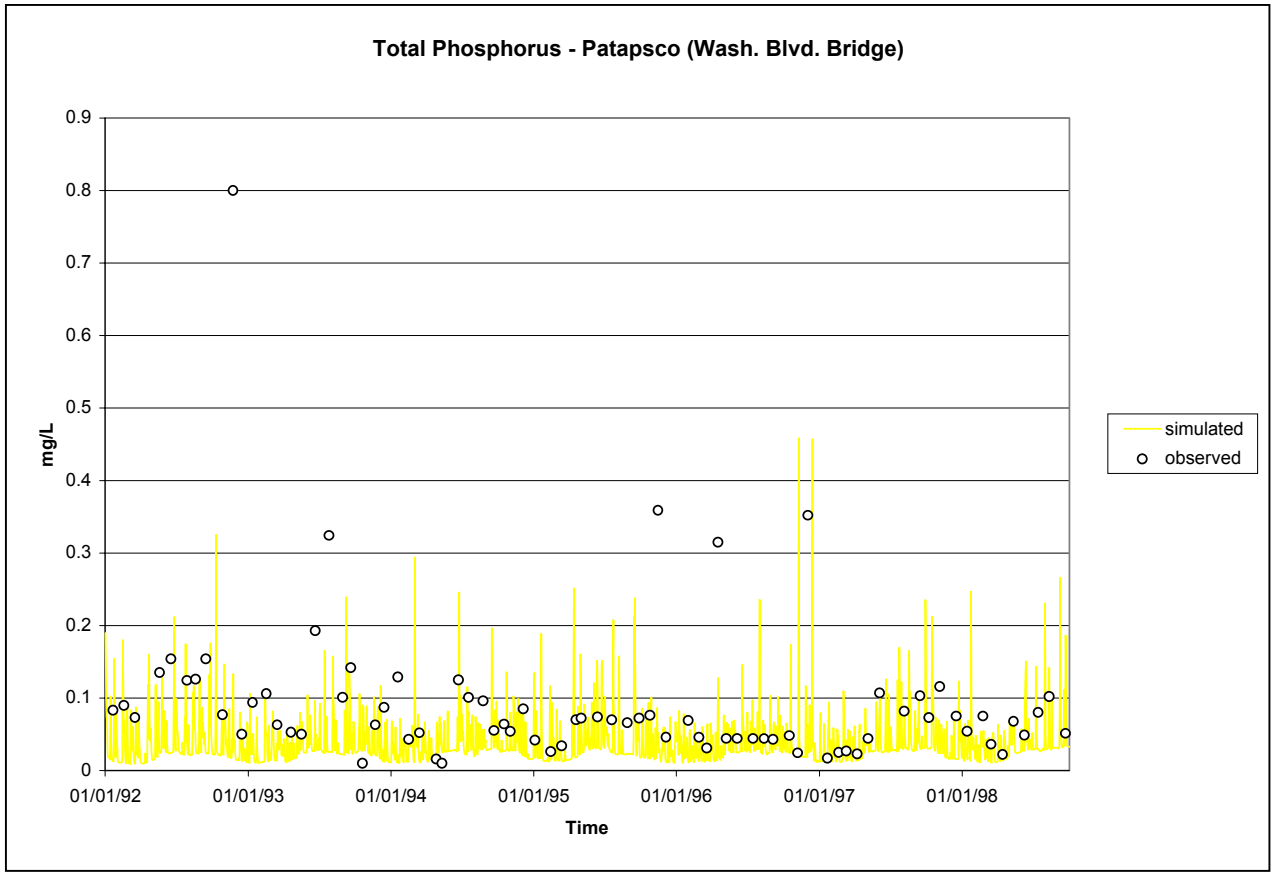

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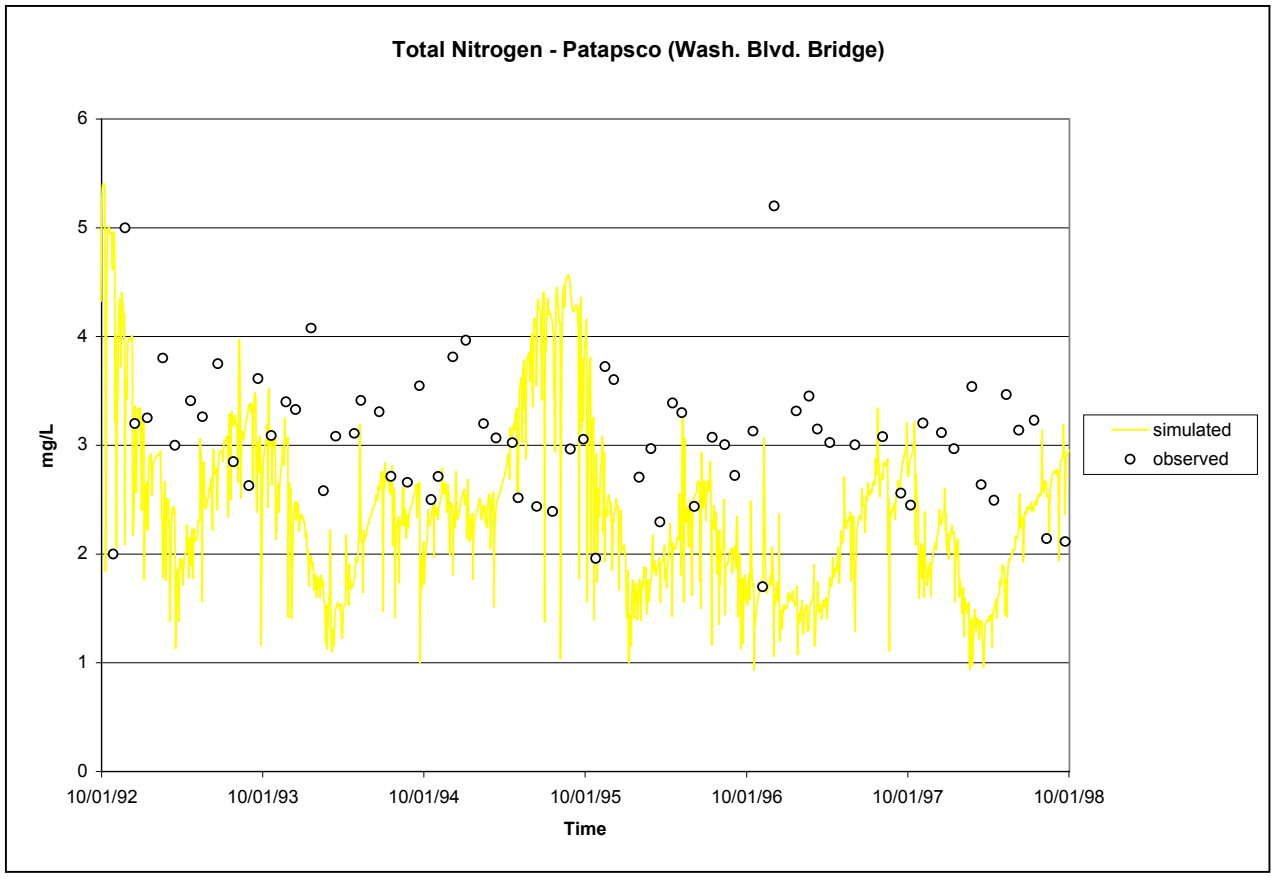

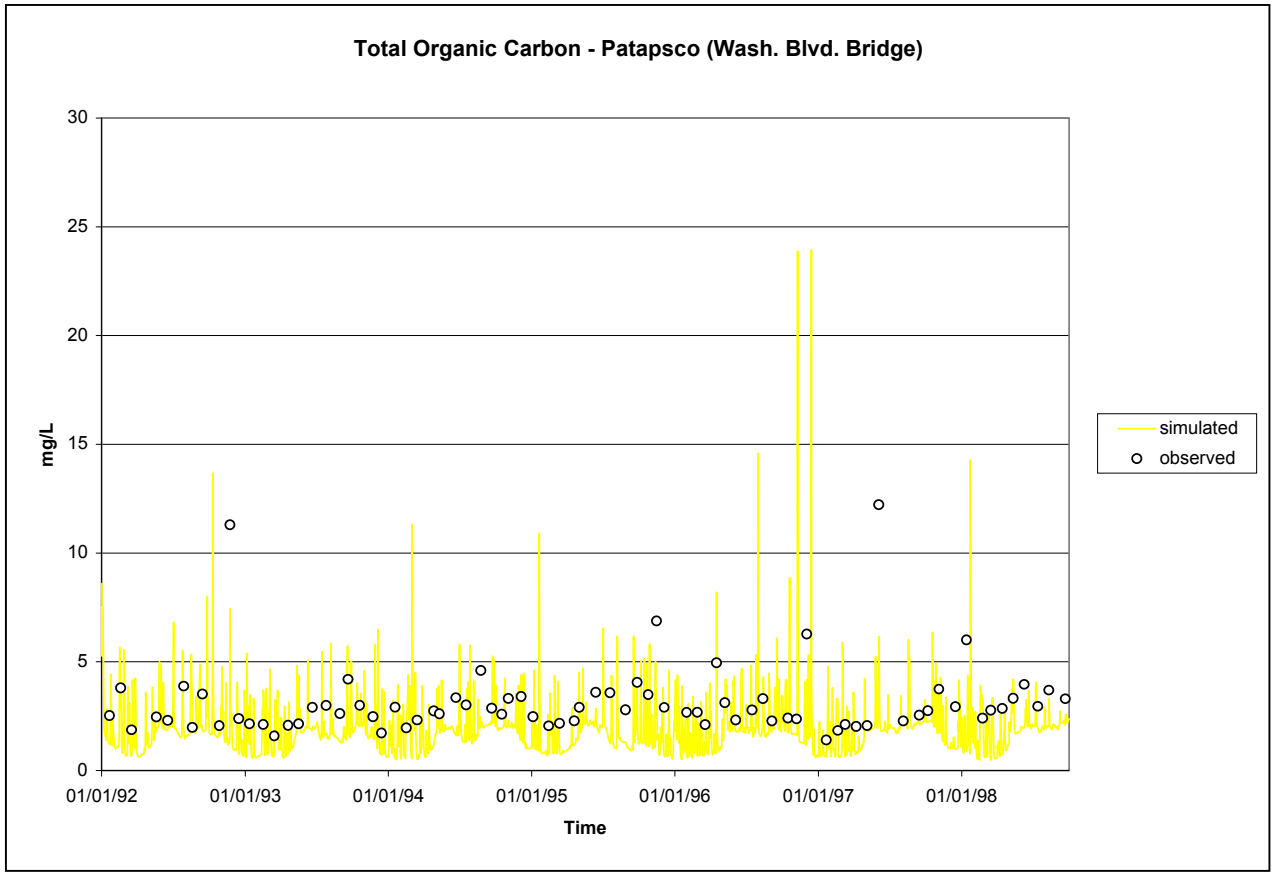
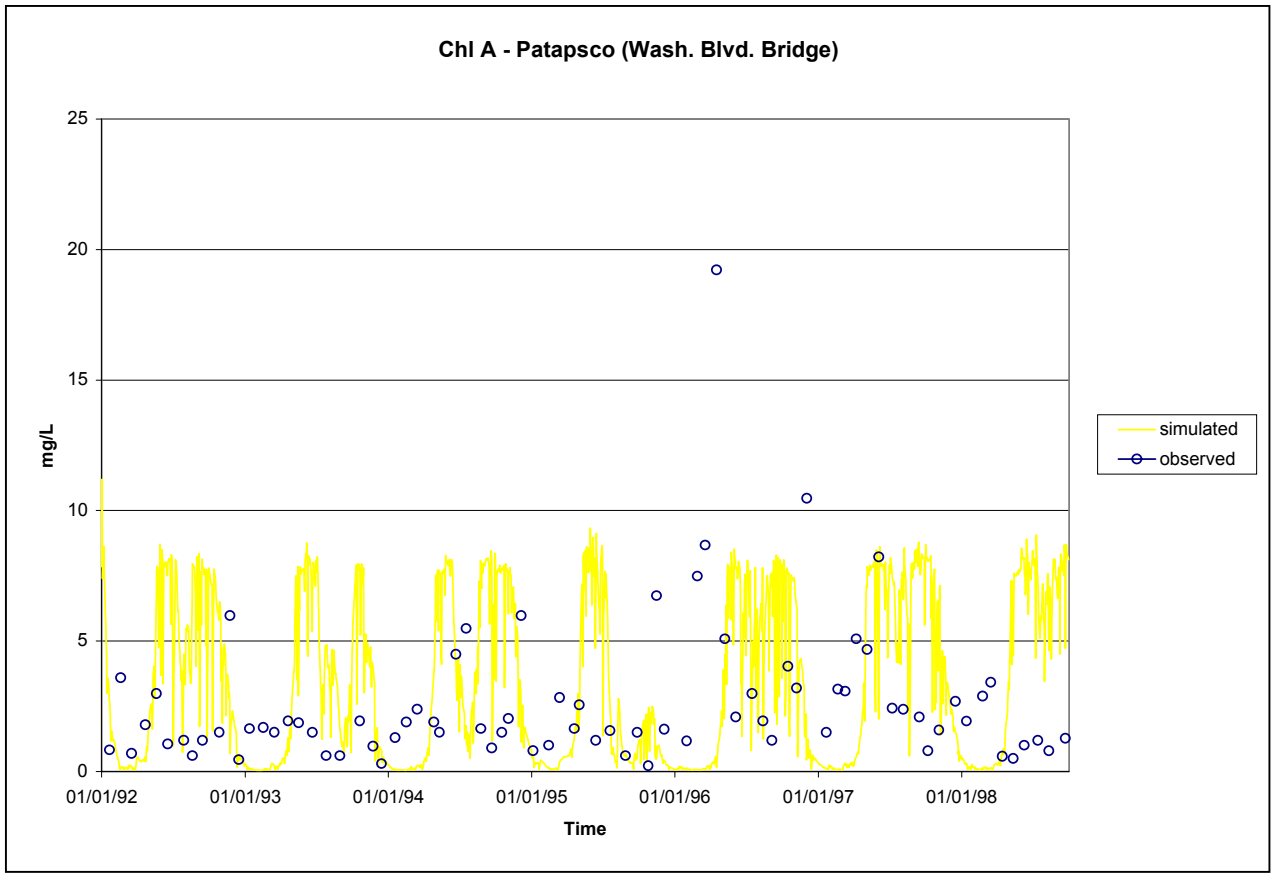
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