

Table summary of input data, ELM v2.8.4 Decomp Project. Lists all input data files used to run an ELM simulation, indicating the filename, brief description, whether it is common to all base &amp; alt simulations, and notes on its use in Decomp project.

Type	Input filename	Description	Common or unique among simulations	Data description - red fields indicate new graphic available
Model domains	ModArea (map) gridmapping.txt	Define spatial domain Link coarse (SFWMM) grids to fine grids	common common	ELM v2.5/v2.8.3 documentation ELM v2.5/v2.8.3 documentation
Initial condition maps	icSFwt icUnsat Elevation Bathymetry soilBD soil_orgBD soilTP HAB icMacBio	Initial surface water Initial unsaturated water Initial land elevation Initial (and constant) creek bathymetry Initial (and constant) soil bulk density Initial (and constant) soil organic bulk density Initial soil phosphorus Initial habitat type Initial total macrophyte biomass	common common common common common common common common common	Decomp map; 5-day spinup from SFWMM Jan 1, 1965 Decomp map; 5-day spinup from SFWMM Jan 1, 1965 Decomp map; ELM v2.8.3 documentation (but using NGVD'29 version) Decomp map; ELM v2.8.3 documentation (but using NGVD'29 version) Decomp map; 2003 data in WCA3; ca. 1995 elsewhere Decomp map; 2003 data in WCA3; ca. 1995 elsewhere Decomp map; 2003 data in WCA3; ca. 1995 elsewhere; 5-yr spinup Decomp map; 2004 data in WCA3; ca. 1995 elsewhere; succession is OFF Decomp map; ELM v2.8.3 documentation; 5-yr spinup
Boundary conditions	BoundCond (map) BoundCond_stage.BIN rain.BIN ETp.BIN AtmosPdepos AtmosCLdepos CanalData.struct_wat CanalData.struct_TP CanalData.struct_TS CanalData.graph	Grid cells allowing boundary flows Boundary stage spatial time series (SFWMM) Rainfall spatial time series Potential ET spatial time series (optional) map, total atmospheric P deposition (optional) map, total atmospheric Cl deposition Structure: water flow point time series Structure: phosphorus conc. point time series Structure: salt (chloride) conc.point time series Recurring annual point time series of tidal stage	common depends, may be unique to each base/alt common common common common unique to each base/alt only used in ECB, for STA output to WCA3 not used common	ELM v2.5/v2.8.3 documentation Decomp SFWMM v6.0 daily output (Decomp) SFWMM v6.0 daily input (Decomp) SFWMM v6.0 daily input ELM v2.5/v2.8.3 documentation ELM v2.5/v2.8.3 documentation Decomp RSM v2.3 if available, SFWMM v6.0 otherwise Decomp 2004-10 daily observations for STA outflow conc. to WCA3 N/A ELM v2.5/v2.8.3 documentation
Static attributes	CanalData.chan CanalData.struct basins (map) basinIR GlobalParms_NOM HabParms_NOM HydrCond (map)	Canal/levee parameters/locations Water control structure attributes (incl. inflow P conc.) Basin/Indicator Region locations Basin/Indicator Region hierarchy Parameters: global Parameters: habitat-specific Parameters: hydraulic conductivity	depends, may be unique to each base/alt depends, may be unique to each base/alt common (but Decomp PDT is not using) common (but Decomp PDT is not using) common common common common	Decomp maps as needed Decomp dbase export as needed; All flows from STAs == 10ppb TP, except ECB N/A N/A ELM v2.5/v2.8.3 documentation ELM v2.5/v2.8.3 documentation, BUT with soil Active Zone = 10cm (old=30) ELM v2.5/v2.8.3 documentation