

Coupled Model (Fast loop)

Uncoupled Model

Update_atmos_model_dynamics
FV3 solver

Update_physics
SHiELD_physics suite

Sfc_boundary_layer

Update_atmos_model_dynamics

Update_atmos_model_radiation (c)

0

Update_atmos_model_down

1

Flux_down_from_atmos

Update_land_model_fast

2

Update_ice_model_fast

Flux_up_to_atmos

Update_atmos_model_up

3

Flux_atmos_to_ocean

