physiq.F

1. Initialisation
   phyeta0.F,surfini.F,iniorbit.F, initracer.F,solarlong.F
1.5 Calculation of mean mass and cp, R and thermal conduction coeff
   concentration.F
2. Calculation of the radiative tendencies : radiative transfer
   (longwave and shortwave) for CO2 and dust.
   dustopacity.F and callradite.F
8. Gravity wave and subgrid scale topography drag.
   calldrag_noro.F
10. Vertical diffusion (turbulent mixing).
   vidfc.F
12. Convective adjustment
   convadj.F
14. Condensation and sublimation of carbon dioxide.
   newcondens.F
7. TRACERS :
   6a. water and water ice: ***watercloud.F***
   6b. call for photochemistry when tracers are chemical species: ***callchim.F***
   6c.other scheme for tracer (dust) transport (lifting, sedimentation): ***dustdevil.F, callsedim.F***
   6d. updates (CO2 pressure variations, surface budget)
19 Thermosphere
   thermosphere.F
8.5 Surface and sub-surface temperature calculations
   soil.F
9. Writing output files :
   - "startfi", "histfi" (if it's time): ***physdem1.F***
   - saving statistics (if "callstats = .true."): ***wstats.F***
   - dumping eof (if "calleofdump = .true."): ***eofdump.F***
   - output any needed variables in "diagfi" : ***writediagfi.F***