

SLOW -PHYSICS	DYNAMICS	HYD – ADV	HYD – UPDATE	SATAD	FAST – PHYSICS	SLOW -PHYSICS
<i>Radiation, Convection, cloud cover</i>	<i>Wind and Exner pressure</i>	<i>Advection of hydrometeors and tracers</i>	<i>Hydrometeor update</i>	<i>Saturation adjustment</i>	<i>Turbulence and Diffusion, Microphysics</i>	<i>Radiation, Convection, cloud cover</i>
$\Delta \vec{v}_{n_{phy}}$ $\Delta \pi_{sp}$ ΔQx_{sp}	$\vec{v}_n^{t+1} = \vec{v}_n^t + \Delta \vec{v}_{n_{dyn}} + \Delta \vec{v}_{n_{phy}}$ $\pi^{t*} = \pi^t + \Delta \pi_{dyn} + \Delta \pi_{sp}$	$Qx^{t*} = Qx^t + \Delta Qx_{adv}$	$Qx^{t**} = Qx^{t*} + \Delta Qx_{sp}$	$\pi^{t**} = \pi^* + \Delta \pi_{satad}$ $Qx^{t***} = Qx^{t**} + \Delta Qx_{satad}$	$\Delta \vec{v}_{n_{phy}}$ $\pi^{t+1} = \pi^{t*,*} + \Delta \pi_{fp}$ $Qx^{t+1} = Qx^{t***} + \Delta Qx_{fp}$	$\Delta \vec{v}_{n_{phy}}$ $\Delta \pi_{sp}$ ΔQx_{sp}
$t_{step} = 1$						
$t_{step} = t_{dyn}$						
$t_{step} = t_{adv}$						
$t_{step} = t_{dyn}$						
$t_{step} = t_{slowphys}$						
$t_{step} = t_{dyn}$						
$t_{step} = t_{adv}$						