

					
previous time step			<b>center</b>  (1:NI,1:NJ,1:NK) (0:NI+1,0:NJ+1,0:NK+1)		
advection	<b>advecn</b>  <i>viscous + diffusion</i>	uflux, vflux, wflux, Tflux, sflux, Trflux	<b>u, v, w, s, T, Tr, h, p</b>  uux, uvx, uwz, usx, uTx udif, vdif, wdif, sdif, Tdif  cx, cy, cz, s, T, Tr	ufly, vfly, wfly, Tfly, sfly, Trfly	uflz, vflz, wflz, Tfly, sfly, Trfly
interpolation	<b>intpol</b>	cxf		cyf	czf
baroclinic pressure (rp)	<b>rpevalgrad</b>	grpifc	drpx, drpy	grpjfc	
Coriolis terms + rp terms	<b>coriolis</b>		si, sj, sk		
Coriolis terms + rp terms	<b>srcface</b>	sifc		sjfc	
update the free surface elevation	<b>hsolve</b>		<b>h</b>		
Coriolis terms + rp terms	<b>calcskfc</b>				skfc
u-tilde, v-tilde, w-tilde	<b>vhydro (+uvchy)</b>	cxf	cx, cy, cz	cyf	czf
3D non-hydrostatic pressure	<b>mgrid</b>		<b>p</b>		
final velocities	<b>vface</b>	uf		vf	wf
final velocities	<b>vcenter</b>		<b>u, v, w</b>		