

Region Name	Time	PE	MPI-PE	MPI-COM	MPI-LB	MPI-LBI	MPI-LBO	OMP-PE	OMP-LB	OMP-SCH	OMP-SER
Application	189s	29.90	70.75	100.00	70.75	82.71	85.54	35.60	96.71	99.16	37.12
└─ timeloop	184s	30.65	70.72	100.00	70.72	82.69	85.53	36.13	96.62	99.14	37.72
├─ restart	184s	30.67	70.72	100.00	70.72	82.69	85.52	36.15	96.62	99.14	37.74
├─ output	184s	30.67	70.72	100.00	70.72	82.69	85.52	36.14	96.62	99.14	37.73
├─ compute_diagnostics	184s	30.67	70.72	100.00	70.72	82.69	85.52	36.14	96.62	99.14	37.73
├─ oce_timestep_ale	184s	30.66	70.73	100.00	70.73	82.70	85.53	36.14	96.62	99.14	37.73
│├─ update_thickness_ale	184s	30.67	70.72	100.00	70.72	82.69	85.52	36.14	96.62	99.14	37.73
│├─ solve_tracers_ale	184s	30.67	70.73	100.00	70.73	82.69	85.53	36.15	96.62	99.14	37.74
│├─ vert_vel_ale	184s	30.67	70.73	100.00	70.73	82.69	85.53	36.15	96.62	99.14	37.74
│├─ fer_solve_Gamma	184s	30.67	70.73	100.00	70.73	82.70	85.53	36.15	96.62	99.14	37.74
│├─ ale_part_starts	184s	30.66	70.73	100.00	70.73	82.70	85.53	36.14	96.62	99.14	37.73
││├─ compute_hbar_ale	184s	30.67	70.73	100.00	70.73	82.69	85.53	36.15	96.62	99.14	37.74
││├─ update_vel	184s	30.67	70.73	100.00	70.73	82.69	85.53	36.15	96.62	99.14	37.74
││├─ relax_zonal_vel	184s	30.67	70.73	100.00	70.73	82.69	85.53	36.15	96.62	99.14	37.74
││├─ solve_ssh_ale	184s	30.66	70.73	100.00	70.73	82.70	85.53	36.14	96.62	99.14	37.73
││└─ compute_ssh_rhs_ale	184s	30.66	70.73	100.00	70.73	82.70	85.53	36.14	96.62	99.14	37.73
│├─ impl_vert_visc_ale	184s	30.66	70.73	100.00	70.73	82.70	85.53	36.14	96.62	99.14	37.73
│├─ viscosity_filter	184s	30.66	70.73	100.00	70.73	82.70	85.53	36.14	96.62	99.14	37.73
│├─ compute_vel_rhs	184s	30.66	70.73	100.00	70.73	82.70	85.53	36.14	96.62	99.14	37.73
│├─ main_mixing_scheme	184s	30.66	70.73	100.00	70.73	82.70	85.53	36.14	96.62	99.14	37.73
│├─ compute_neutral_slope	184s	30.66	70.73	100.00	70.73	82.70	85.53	36.14	96.62	99.14	37.73
│├─ compute_sigma_xy	184s	30.66	70.73	100.00	70.73	82.70	85.53	36.14	96.62	99.14	37.73
│├─ sw_alpha_beta	184s	30.66	70.73	100.00	70.73	82.70	85.53	36.14	96.62	99.14	37.73
│├─ pressure_gradient_force	184s	30.66	70.73	100.00	70.73	82.70	85.53	36.14	96.62	99.14	37.73
│└─ pressure_bv	184s	30.66	70.73	100.00	70.73	82.70	85.53	36.14	96.62	99.14	37.73
├─ before_oce_step	184s	30.66	70.73	100.00	70.73	82.70	85.53	36.14	96.62	99.14	37.73
├─ oce_fluxes	184s	30.66	70.73	100.00	70.73	82.70	85.53	36.14	96.62	99.14	37.73
├─ ice_timestep	184s	30.66	70.72	100.00	70.72	82.69	85.52	36.14	96.62	99.14	37.73
│├─ thermodynamics	184s	30.66	70.73	100.00	70.73	82.70	85.53	36.14	96.62	99.14	37.73
│├─ advection_part	184s	30.67	70.73	100.00	70.73	82.70	85.53	36.14	96.62	99.14	37.73
│└─ dynamics	184s	30.66	70.72	100.00	70.72	82.69	85.52	36.14	96.62	99.14	37.73
├─ update_atm_forcing	184s	30.65	70.72	100.00	70.72	82.69	85.53	36.13	96.62	99.14	37.72
├─ ocean2ice	184s	30.65	70.72	100.00	70.72	82.69	85.53	36.13	96.62	99.14	37.72
└─ compute_vel_nodes	184s	30.65	70.72	100.00	70.72	82.69	85.53	36.13	96.62	99.14	37.72