

CHUNKED

TEST	RUNTIME-S	MEM-KB
rt_control_2threads_p8_intel	168.141232	1943288
rt_control_c192_intel	654.508624	1716332
rt_control_c384_intel	696.736783	1942644
rt_control_c384gdas_intel	477.920328	1353880
rt_control_c48_intel	468.80166	1701052
rt_control_c48.v2.sfc_intel	384.666936	828976
rt_control_CubedSphereGrid_intel	166.773028	1583432
rt_control_CubedSphereGrid_parallel_intel	175.024549	1582860
rt_control_decomp_p8_intel	181.270343	1853476
rt_control_flake_intel	193.412076	681604
rt_control_iovr4_intel	140.420415	633336
rt_control_iovr5_intel	139.924156	636476
rt_control_latlon_intel	167.738393	1574412
rt_control_lndp_intel	86.660287	637416
rt_control_noqr_p8_intel	182.625427	1865596
rt_control_p8_intel	179.30786	1869556
rt_control_p8_lndp_intel	317.091711	1870444
rt_control_p8_mynn_intel	178.130022	1878168
rt_control_p8_rrtmgp_intel	238.350067	1923632
rt_control_p8_ugwpv1_intel	169.569115	1877580
rt_control_p8.v2.sfc_intel	178.068128	1874696
rt_control_restart_noqr_p8_intel	95.923312	1139196
rt_control_restart_p8_intel	96.816678	1102496
rt_control_stochy_intel	89.47635	631412
rt_control_stochy_restart_intel	50.501278	482844
rt_control_wrtGauss_netcdf_parallel_intel	170.507216	1579196
rt_cpld_2threads_p8_intel	338.48228	3599096
rt_cpld_bmark_p8_intel	602.493369	4239004
rt_cpld_control_c192_p8_intel	614.089023	3493808
rt_cpld_control_c48_intel	582.683574	3013816
rt_cpld_control_ciceC_p8_intel	351.696767	3322332
rt_cpld_control_gfsv17_iau_intel	1064.073101	2127064
rt_cpld_control_gfsv17_intel	1029.219151	1950008
rt_cpld_control_noaero_p8_agrid_intel	276.641161	2019644
rt_cpld_control_noaero_p8_intel	285.993661	1965168
rt_cpld_control_nowave_noaero_p8_intel	267.786333	2034656
rt_cpld_control_p8_faster_intel	333.488996	3312300
rt_cpld_control_p8_intel	353.123864	3304212
rt_cpld_control_p8_mixedmode_intel	356.231841	3276732

rt_cpld_control_p8.v2.sfc_intel	351.289264	3311688
rt_cpld_control_pdlib_p8_intel	1035.078083	1980664
rt_cpld_control_qr_p8_intel	356.202166	3338780
rt_cpld_control_sfs_intel	1009.566066	1945384
rt_cpld_debug_gfsv17_intel	1394.380046	1873152
rt_cpld_debug_noaero_p8_intel	340.010845	1959964
rt_cpld_debug_p8_intel	498.730341	3303308
rt_cpld_debug_pdlib_p8_intel	1552.975303	1908020
rt_cpld_decomp_p8_intel	355.216604	3306352
rt_cpld_mpi_gfsv17_intel	1150.222101	1851656
rt_cpld_mpi_p8_intel	289.944441	3188536
rt_cpld_mpi_pdlib_p8_intel	1183.349216	1881748
rt_cpld_restart_bmark_p8_intel	384.817194	4325752
rt_cpld_restart_c192_p8_intel	380.031486	3588256
rt_cpld_restart_c48_intel	92.864057	2426292
rt_cpld_restart_gfsv17_intel	478.411889	1219668
rt_cpld_restart_p8_intel	210.419461	3227560
rt_cpld_restart_pdlib_p8_intel	483.27146	1243172
rt_cpld_restart_qr_p8_intel	208.450173	3245040
rt_cpld_s2sa_p8_intel	330.921095	3284532
rt_cpld_warmstart_c48_intel	167.941903	3004492
rt_merra2_thompson_intel	200.403852	1864840
rt_regional_2dwrtdecomp_intel	309.850842	1075032
rt_regional_2threads_intel	196.601532	1064864
rt_regional_control_intel	311.675031	1080980
rt_regional_decomp_intel	330.356477	1068592
rt_regional_netcdf_parallel_intel	311.206921	1066212
rt_regional_noquilt_intel	306.530515	1366452
rt_regional_restart_intel	175.714598	1069508
rt_regional_wofs_intel	424.985606	1888596

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TEST	RUNTIME-S	MEM-KB
rt_control_2threads_p8_intel	167.051807	1976956
rt_control_c192_intel	623.395071	1728504
rt_control_c384_intel	628.018542	1989612
rt_control_c384gdas_intel	466.516095	1379744
rt_control_c48_intel	453.961447	1735868
rt_control_c48.v2.sfc_intel	377.50396	853644
rt_control_CubedSphereGrid_intel	165.073553	1583488
rt_control_CubedSphereGrid_parallel_intel	169.029851	1584180
rt_control_decomp_p8_intel	181.563155	1862804
rt_control_flake_intel	191.226231	685836
rt_control_iovr4_intel	138.363276	640080
rt_control_iovr5_intel	139.774518	638028
rt_control_latlon_intel	164.390119	1585192
rt_control_lndp_intel	86.139316	640896
rt_control_noqr_p8_intel	173.171915	1874444
rt_control_p8_intel	177.20528	1883076
rt_control_p8_lndp_intel	313.661245	1883868
rt_control_p8_mynn_intel	180.165518	1881728
rt_control_p8_rrtmgp_intel	243.713388	1933292
rt_control_p8_ugwpv1_intel	171.449262	1879136
rt_control_p8.v2.sfc_intel	176.99309	1875040
rt_control_restart_noqr_p8_intel	94.345075	1144872
rt_control_restart_p8_intel	104.947841	1112168
rt_control_stochy_intel	89.725656	636456
rt_control_stochy_restart_intel	49.621808	488124
rt_control_wrtGauss_netcdf_parallel_intel	167.894657	1581060
rt_cpld_2threads_p8_intel	331.588411	3596840
rt_cpld_bmark_p8_intel	589.398128	4253956
rt_cpld_control_c192_p8_intel	619.681638	3492552
rt_cpld_control_c48_intel	573.168181	3067584
rt_cpld_control_ciceC_p8_intel	347.652019	3306836
rt_cpld_control_gfsv17_iau_intel	1059.647661	2145248
rt_cpld_control_gfsv17_intel	1019.039979	1959572
rt_cpld_control_noaero_p8_agrid_intel	263.188037	2017900
rt_cpld_control_noaero_p8_intel	288.796081	1969976
rt_cpld_control_nowave_noaero_p8_intel	269.195111	2023064
rt_cpld_control_p8_faster_intel	335.318282	3316472
rt_cpld_control_p8_intel	348.284794	3318860
rt_cpld_control_p8_mixedmode_intel	338.823427	3287128

rt_cpld_control_p8.v2.sfc_intel	346.659862	3305460
rt_cpld_control_pdlib_p8_intel	1028.999774	1999652
rt_cpld_control_qr_p8_intel	354.405592	3338212
rt_cpld_control_sfs_intel	1002.84847	1946816
rt_cpld_debug_gfsv17_intel	1362.374307	1887844
rt_cpld_debug_noaero_p8_intel	342.42656	1962040
rt_cpld_debug_p8_intel	505.971763	3307148
rt_cpld_debug_pdlib_p8_intel	1488.663004	1911444
rt_cpld_decomp_p8_intel	349.774762	3307312
rt_cpld_mpi_gfsv17_intel	1153.317099	1849328
rt_cpld_mpi_p8_intel	287.215773	3196276
rt_cpld_mpi_pdlib_p8_intel	1177.035469	1899252
rt_cpld_restart_bmark_p8_intel	368.367344	4343008
rt_cpld_restart_c192_p8_intel	378.730172	3594396
rt_cpld_restart_c48_intel	92.164498	2471564
rt_cpld_restart_gfsv17_intel	478.547498	1230844
rt_cpld_restart_p8_intel	201.835372	3234604
rt_cpld_restart_pdlib_p8_intel	485.208156	1256840
rt_cpld_restart_qr_p8_intel	204.824448	3256400
rt_cpld_s2sa_p8_intel	322.512353	3296452
rt_cpld_warmstart_c48_intel	163.505568	3053116
rt_merra2_thompson_intel	194.530991	1885352
rt_regional_2dwrtdcomp_intel	313.511501	1085804
rt_regional_2threads_intel	196.238287	1074592
rt_regional_control_intel	310.78716	1079656
rt_regional_decomp_intel	333.456815	1077724
rt_regional_netcdf_parallel_intel	309.647853	1081648
rt_regional_noquilt_intel	310.01992	1377140
rt_regional_restart_intel	165.001996	1081596
rt_regional_wofs_intel	404.09717	1902168

COMPARE CHUNKED DIVIDED BY DEVELOP

TEST	RT-S	MEM-KB
rt_control_2threads_p8_intel	1.00652148	0.982969778
rt_control_c192_intel	1.049909848	0.992958072
rt_control_c384_intel	1.10942072	0.976393387
rt_control_c384gdas_intel	1.02444553	0.981254494
rt_control_c48_intel	1.03269047	0.979943175
rt_control_c48.v2.sfc_intel	1.018974572	0.971102708
rt_control_CubedSphereGrid_intel	1.010295259	0.999964635
rt_control_CubedSphereGrid_parallel_intel	1.035465321	0.999166761
rt_control_decomp_p8_intel	0.998387272	0.994992495
rt_control_flake_intel	1.011430676	0.993829429
rt_control_iovr4_intel	1.014867666	0.989463817
rt_control_iovr5_intel	1.001070567	0.997567505
rt_control_latlon_intel	1.020367854	0.993199562
rt_control_lndp_intel	1.006048005	0.994570102
rt_control_noqr_p8_intel	1.05459033	0.995279667
rt_control_p8_intel	1.011865222	0.992820258
rt_control_p8_lndp_intel	1.01093685	0.992874235
rt_control_p8_mynn_intel	0.988702078	0.998108122
rt_control_p8_rrtmgp_intel	0.977993326	0.995003341
rt_control_p8_ugwpv1_intel	0.989033799	0.99917196
rt_control_p8.v2.sfc_intel	1.006073898	0.999816537
rt_control_restart_noqr_p8_intel	1.016728345	0.995042241
rt_control_restart_p8_intel	0.922521865	0.991303472
rt_control_stochy_intel	0.997221464	0.992074865
rt_control_stochy_restart_intel	1.017723457	0.989183076
rt_control_wrtGauss_netcdf_parallel_intel	1.015560704	0.998821044
rt_cpld_2threads_p8_intel	1.02079044	1.000627217
rt_cpld_bmark_p8_intel	1.022217989	0.996485154
rt_cpld_control_c192_p8_intel	0.990975019	1.000359622
rt_cpld_control_c48_intel	1.016601398	0.9824722
rt_cpld_control_ciceC_p8_intel	1.011634473	1.00468605
rt_cpld_control_gfsv17_iau_intel	1.004176332	0.991523591
rt_cpld_control_gfsv17_intel	1.009988982	0.995119342
rt_cpld_control_noaero_p8_agrid_intel	1.051116016	1.000864265
rt_cpld_control_noaero_p8_intel	0.990296198	0.997559361
rt_cpld_control_nowave_noaero_p8_intel	0.994766703	1.005729923
rt_cpld_control_p8_faster_intel	0.994544628	0.998742037
rt_cpld_control_p8_intel	1.013894003	0.995586436
rt_cpld_control_p8_mixedmode_intel	1.051379015	0.996837361

rt_cpld_control_p8.v2.sfc_intel	1.013354306	1.001884155
rt_cpld_control_pdlib_p8_intel	1.005907007	0.990504348
rt_cpld_control_qr_p8_intel	1.00506926	1.000170151
rt_cpld_control_sfs_intel	1.006698515	0.99926444
rt_cpld_debug_gfsv17_intel	1.023492618	0.992217577
rt_cpld_debug_noaero_p8_intel	0.992945305	0.998941918
rt_cpld_debug_p8_intel	0.985688091	0.998838879
rt_cpld_debug_pdlib_p8_intel	1.043201382	0.998208684
rt_cpld_decomp_p8_intel	1.015558132	0.999709734
rt_cpld_mpi_gfsv17_intel	0.997316438	1.001258836
rt_cpld_mpi_p8_intel	1.009500411	0.997578432
rt_cpld_mpi_pdlib_p8_intel	1.005364109	0.99078374
rt_cpld_restart_bmark_p8_intel	1.044656103	0.996026717
rt_cpld_restart_c192_p8_intel	1.003435992	0.998291785
rt_cpld_restart_c48_intel	1.00759033	0.981682853
rt_cpld_restart_gfsv17_intel	0.999716624	0.990920052
rt_cpld_restart_p8_intel	1.042530152	0.997822299
rt_cpld_restart_pdlib_p8_intel	0.996008525	0.989125107
rt_cpld_restart_qr_p8_intel	1.017701622	0.996511485
rt_cpld_s2sa_p8_intel	1.02607262	0.996383991
rt_cpld_warmstart_c48_intel	1.027132623	0.984073976
rt_merra2_thompson_intel	1.030189848	0.989120334
rt_regional_2dwrtdcomp_intel	0.988323685	0.990079241
rt_regional_2threads_intel	1.00185104	0.990947262
rt_regional_control_intel	1.002856846	1.001226317
rt_regional_decomp_intel	0.99070243	0.991526588
rt_regional_netcdf_parallel_intel	1.005034971	0.985729184
rt_regional_noquilt_intel	0.988744578	0.992238988
rt_regional_restart_intel	1.064924075	0.988823923
rt_regional_wofs_intel	1.051691617	0.992864984
AVERAGE	1.013253435	0.993858308