

====START OF HERA REGRESSION TESTING LOG====

UFSWM hash used in testing:

2e1c7ba76d4fd7790056aaa9b0309f290d5929c6

Submodule hashes used in testing:

37cbb7d6840ae7515a9a8f0dfd4d89461b3396d1 AQM (v0.2.0-37-g37cbb7d)

3d7067a523b8557058755289e4275f5f5c985daf CDEPS-interface/CDEPS (cdeps0.4.17-40-g3d7067a)

9c0cd8d3ba5963d01711094a3c81b6358fcb8367 CICE-interface/CICE (CICE6.0.0-448-g9c0cd8d)

4e19850cb083bc474b7cde5dc2f8506ec74cc442 CMEPS-interface/CMEPS (cmeps\_v0.4.1-2306-g4e19850)

cabd7753ae17f7bfcc6dad56daf10868aa51c3f4 CMakeModules (v1.0.0-28-gcabd775)

9534e14d3c740c8aa9c915ad03f36dc7b75d8ab8 FV3 (heads/develop)

041422934cae1570f2f0e67239d5d89f11c6e1b7 GOCART (sdr\_v2.1.2.6-119-g0414229)

35789c757766e07f688b4c0c7c5229816f224b09 HYCOM-interface/HYCOM (2.3.00-121-g35789c7)

86585c08d42200d6451420578ced669fa8a06df1 MOM6-interface/MOM6 (remotes/origin/feature/endofrun\_restart)

1e259014c1eba9070cec7027d8b4b479ae54275a NOAHMP-interface/noahmp (v3.7.1-430-g1e25901)

d9b3172f4197c65d471662c6952a668152d71230 WW3 (6.07.1-345-gd9b3172f)

31e4e3e57bad8a7cdaa0ce2d3c4efbca63b5f74a stochastic\_physics (ufs-v2.0.0-216-g31e4e3e)

NOTES:

[Times](Memory) are at the end of each compile/test in format [MM:SS](Size).

The first time is for the full script (prep+run+finalize).

The second time is specifically for the run phase.

Times/Memory will be empty for failed tests.

BASELINE DIRECTORY: /scratch2/NAGAPE/epic/UFS-WM\_RT/NEMSfv3gfs/develop-20240503

COMPARISON DIRECTORY: /scratch1/NCEPDEV/stmp2/Jiande.Wang/FV3\_RT/rt\_67122

RT.SH OPTIONS USED:

\* (-a) - HPC PROJECT ACCOUNT: marine-cpu

\* (-k) - KEEP RUN DIRECTORY

\* (-e) - USE ECFLOW

PASS -- COMPILE 's2swa\_32bit\_intel' [13:11, 12:56] ( 1 warnings 8 remarks )

PASS -- TEST 'cpld\_control\_p8\_mixedmode\_intel' [07:27, 05:40](3163 MB)

PASS -- COMPILE 's2swa\_32bit\_pdlib\_intel' [17:11, 16:54] ( 1 warnings 8 remarks )

PASS -- TEST 'cpld\_control\_gfsv17\_intel' [19:10, 17:18](1743 MB)

PASS -- TEST 'cpld\_control\_gfsv17\_iau\_intel' [19:21, 17:52](2012 MB)

PASS -- TEST 'cpld\_restart\_gfsv17\_intel' [09:20, 08:07](1090 MB)

PASS -- TEST 'cpld\_mpi\_gfsv17\_intel' [21:05, 19:20](1629 MB)

PASS -- COMPILE 's2swa\_32bit\_pdlib\_sfs\_intel' [17:11, 16:26] ( 1 warnings 8 remarks )

PASS -- TEST 'cpld\_control\_sfs\_intel' [17:51, 16:56](1711 MB)

PASS -- COMPILE 's2swa\_32bit\_pdlib\_debug\_intel' [05:11, 04:46] ( 1525 warnings 1998 remarks )

PASS -- TEST 'cpld\_debug\_gfsv17\_intel' [24:07, 22:47](1647 MB)

PASS -- COMPILE 's2swa\_intel' [13:11, 12:56] ( 8 remarks )

PASS -- TEST 'cpld\_control\_p8\_intel' [07:27, 05:53](3196 MB)

PASS -- TEST 'cpld\_control\_p8.v2.sfc\_intel' [07:33, 05:58](3186 MB)

PASS -- TEST 'cpld\_restart\_p8\_intel' [05:20, 03:22](3230 MB)

PASS -- TEST 'cpld\_control\_qr\_p8\_intel' [07:26, 06:07](3223 MB)

PASS -- TEST 'cpld\_restart\_qr\_p8\_intel' [05:20, 03:24](3253 MB)

PASS -- TEST 'cpld\_2threads\_p8\_intel' [07:21, 05:39](3532 MB)

PASS -- TEST 'cpld\_decomp\_p8\_intel' [07:21, 06:02](3187 MB)

PASS -- TEST 'cpld\_mpi\_p8\_intel' [06:23, 04:57](3051 MB)

PASS -- TEST 'cpld\_control\_ciceC\_p8\_intel' [07:32, 05:52](3193 MB)

PASS -- TEST 'cpld\_control\_c192\_p8\_intel' [13:27, 10:22](3326 MB)

PASS -- TEST 'cpld\_restart\_c192\_p8\_intel' [09:46, 06:20](3628 MB)

PASS -- TEST 'cpld\_bmark\_p8\_intel' [17:10, 09:34](4085 MB)

PASS -- TEST 'cpld\_restart\_bmark\_p8\_intel' [15:22, 06:29](4349 MB)

PASS -- TEST 'cpld\_s2sa\_p8\_intel' [07:26, 05:31](3155 MB)

PASS -- COMPILE 's2sw\_intel' [13:11, 12:33] ( 8 remarks )

PASS -- TEST 'cpld\_control\_noaero\_p8\_intel' [06:18, 04:49](1726 MB)

PASS -- TEST 'cpld\_control\_nowave\_noaero\_p8\_intel' [06:24, 04:26](1767 MB)

PASS -- COMPILE 's2swa\_debug\_intel' [05:11, 04:42] ( 1450 warnings 1228 remarks )

PASS -- TEST 'cpld\_debug\_p8\_intel' [10:15, 08:22](3193 MB)

PASS -- COMPILE 's2sw\_debug\_intel' [05:11, 04:27] ( 1450 warnings 1228 remarks )

PASS -- TEST 'cpld\_debug\_noaero\_p8\_intel' [07:06, 05:46](1718 MB)

PASS -- COMPILE 's2s\_aoflux\_intel' [12:11, 11:34] ( 1 remarks )

PASS -- TEST 'cpld\_control\_noaero\_p8\_agrid\_intel' [06:13, 04:18](1765 MB)

PASS -- COMPILE 's2s\_intel' [12:11, 11:42] ( 1 remarks )

PASS -- TEST 'cpld\_control\_c48\_intel' [10:48, 09:28](2805 MB)

PASS -- TEST 'cpld\_warmstart\_c48\_intel' [03:43, 02:36](2813 MB)

PASS -- TEST 'cpld\_restart\_c48\_intel' [02:45, 01:27](2275 MB)

PASS -- COMPILE 's2swa\_faster\_intel' [17:12, 16:42] ( 8 remarks )

PASS -- TEST 'cpld\_control\_p8\_faster\_intel' [07:24, 05:30](3200 MB)

PASS -- COMPILE 's2sw\_pdlib\_intel' [16:13, 15:40] ( 8 remarks )

PASS -- TEST 'cpld\_control\_pdlib\_p8\_intel' [19:05, 17:37](1771 MB)

PASS -- TEST 'cpld\_restart\_pdlib\_p8\_intel' [09:26, 08:04](1157 MB)

PASS -- TEST 'cpld\_mpi\_pdlib\_p8\_intel' [21:06, 19:47](1659 MB)

PASS -- COMPILE 's2sw\_pdlib\_debug\_intel' [05:11, 04:26] ( 1560 warnings 1998 remarks )

PASS -- TEST 'cpld\_debug\_pdlib\_p8\_intel' [25:57, 24:57](1673 MB)

PASS -- COMPILE 'atm\_dyn32\_intel' [12:13, 12:06] ( 1 warnings 1 remarks )

PASS -- TEST 'control\_flake\_intel' [04:21, 03:18](684 MB)

PASS -- TEST 'control\_CubedSphereGrid\_intel' [03:41, 02:53](1590 MB)

PASS -- TEST 'control\_CubedSphereGrid\_parallel\_intel' [03:53, 02:57](1613 MB)  
PASS -- TEST 'control\_latlon\_intel' [03:46, 02:54](1600 MB)  
PASS -- TEST 'control\_wrtGauss\_netcdf\_parallel\_intel' [03:54, 02:56](1604 MB)  
PASS -- TEST 'control\_c48\_intel' [08:48, 07:37](1764 MB)  
PASS -- TEST 'control\_c48.v2.sfc\_intel' [07:28, 06:20](867 MB)  
PASS -- TEST 'control\_c192\_intel' [11:59, 10:39](1753 MB)  
PASS -- TEST 'control\_c384\_intel' [12:48, 10:33](2008 MB)  
PASS -- TEST 'control\_c384gdas\_intel' [10:46, 08:04](1386 MB)  
PASS -- TEST 'control\_stochy\_intel' [02:22, 01:39](655 MB)  
PASS -- TEST 'control\_stochy\_restart\_intel' [01:26, 00:59](504 MB)  
PASS -- TEST 'control\_Lndp\_intel' [02:22, 01:32](660 MB)  
PASS -- TEST 'control\_iovr4\_intel' [03:24, 02:27](655 MB)  
PASS -- TEST 'control\_iovr5\_intel' [03:23, 02:27](654 MB)  
PASS -- TEST 'control\_p8\_intel' [03:58, 02:58](1634 MB)  
PASS -- TEST 'control\_p8.v2.sfc\_intel' [04:08, 03:03](1624 MB)  
PASS -- TEST 'control\_p8\_ugwpv1\_intel' [03:59, 02:49](1634 MB)  
PASS -- TEST 'control\_restart\_p8\_intel' [02:50, 01:56](855 MB)  
PASS -- TEST 'control\_noqr\_p8\_intel' [03:56, 02:53](1620 MB)  
PASS -- TEST 'control\_restart\_noqr\_p8\_intel' [02:53, 01:39](934 MB)  
PASS -- TEST 'control\_decomp\_p8\_intel' [03:56, 03:01](1622 MB)  
PASS -- TEST 'control\_2threads\_p8\_intel' [03:55, 02:44](1719 MB)  
PASS -- TEST 'control\_p8\_Lndp\_intel' [06:51, 05:16](1627 MB)  
PASS -- TEST 'control\_p8\_rrtmgp\_intel' [04:56, 03:53](1694 MB)  
PASS -- TEST 'control\_p8\_mynn\_intel' [04:56, 03:03](1644 MB)  
PASS -- TEST 'merra2\_thompson\_intel' [04:54, 03:20](1637 MB)  
PASS -- TEST 'regional\_control\_intel' [06:41, 05:12](852 MB)

PASS -- TEST 'regional\_restart\_intel' [03:44, 02:52](1004 MB)  
PASS -- TEST 'regional\_decomp\_intel' [06:39, 05:36](840 MB)  
PASS -- TEST 'regional\_2threads\_intel' [04:40, 03:17](844 MB)  
PASS -- TEST 'regional\_noquilt\_intel' [06:43, 05:11](1342 MB)  
PASS -- TEST 'regional\_netcdf\_parallel\_intel' [06:42, 05:12](829 MB)  
PASS -- TEST 'regional\_2dwrtdecomp\_intel' [06:38, 05:14](851 MB)  
PASS -- TEST 'regional\_wofs\_intel' [07:38, 06:46](1891 MB)

PASS -- COMPILE 'rrfs\_intel' [11:11, 10:39] ( 3 warnings 9 remarks )  
PASS -- TEST 'rap\_control\_intel' [08:43, 07:45](1084 MB)  
PASS -- TEST 'regional\_spp\_sppt\_shum\_skeb\_intel' [06:03, 04:13](1271 MB)  
PASS -- TEST 'rap\_decomp\_intel' [09:36, 08:09](1040 MB)  
PASS -- TEST 'rap\_2threads\_intel' [08:33, 07:22](1166 MB)  
PASS -- TEST 'rap\_restart\_intel' [04:45, 04:03](1088 MB)  
PASS -- TEST 'rap\_sfcdiff\_intel' [08:39, 07:48](1088 MB)  
PASS -- TEST 'rap\_sfcdiff\_decomp\_intel' [09:37, 08:11](1039 MB)  
PASS -- TEST 'rap\_sfcdiff\_restart\_intel' [06:44, 05:50](1111 MB)  
PASS -- TEST 'hrrr\_control\_intel' [05:32, 04:07](1004 MB)  
PASS -- TEST 'hrrr\_control\_decomp\_intel' [04:36, 04:07](1018 MB)  
PASS -- TEST 'hrrr\_control\_2threads\_intel' [04:36, 03:41](1096 MB)  
PASS -- TEST 'hrrr\_control\_restart\_intel' [03:27, 02:09](988 MB)  
PASS -- TEST 'rrfs\_v1beta\_intel' [08:45, 07:39](1074 MB)  
PASS -- TEST 'rrfs\_v1nssl\_intel' [10:25, 09:20](1981 MB)  
PASS -- TEST 'rrfs\_v1nssl\_nohainoccn\_intel' [10:25, 09:09](2047 MB)

PASS -- COMPILE 'csawmg\_intel' [11:12, 10:28] ( 1 warnings )

PASS -- TEST 'control\_csawmg\_intel' [06:37, 06:01](734 MB)

PASS -- TEST 'control\_ras\_intel' [04:21, 03:15](724 MB)

PASS -- COMPILE 'csawmg\_gnu' [04:11, 03:42]

PASS -- TEST 'control\_csawmg\_gnu' [09:49, 08:30](534 MB)

PASS -- COMPILE 'wam\_intel' [10:11, 10:03]

PASS -- TEST 'control\_wam\_intel' [02:21, 02:06](636 MB)

PASS -- COMPILE 'atm\_faster\_dyn32\_intel' [11:12, 10:50] ( 1 remarks )

PASS -- TEST 'control\_p8\_faster\_intel' [03:58, 02:48](1617 MB)

PASS -- TEST 'regional\_control\_faster\_intel' [05:42, 04:43](830 MB)

PASS -- COMPILE 'atm\_debug\_dyn32\_intel' [05:12, 05:00] ( 885 warnings 9 remarks )

PASS -- TEST 'control\_CubedSphereGrid\_debug\_intel' [03:55, 02:38](1587 MB)

PASS -- TEST 'control\_wrtGauss\_netcdf\_parallel\_debug\_intel' [03:56, 02:34](1580 MB)

PASS -- TEST 'control\_stochy\_debug\_intel' [03:26, 02:59](784 MB)

PASS -- TEST 'control\_Indp\_debug\_intel' [03:25, 02:40](791 MB)

PASS -- TEST 'control\_csawmg\_debug\_intel' [04:47, 04:04](843 MB)

PASS -- TEST 'control\_ras\_debug\_intel' [03:25, 02:44](788 MB)

PASS -- TEST 'control\_diag\_debug\_intel' [03:58, 02:40](1642 MB)

PASS -- TEST 'control\_debug\_p8\_intel' [03:54, 02:49](1619 MB)

PASS -- TEST 'regional\_debug\_intel' [18:50, 17:15](805 MB)

PASS -- TEST 'rap\_control\_debug\_intel' [05:27, 04:44](1172 MB)

PASS -- TEST 'hrrr\_control\_debug\_intel' [05:27, 04:41](1176 MB)

PASS -- TEST 'hrrr\_gf\_debug\_intel' [05:27, 04:48](1173 MB)

PASS -- TEST 'hrrr\_c3\_debug\_intel' [05:27, 04:53](1179 MB)

PASS -- TEST 'rap\_unified\_drag\_suite\_debug\_intel' [05:27, 04:51](1183 MB)

PASS -- TEST 'rap\_diag\_debug\_intel' [05:43, 05:00](1251 MB)

PASS -- TEST 'rap\_cires\_ugwp\_debug\_intel' [05:23, 05:01](1168 MB)

PASS -- TEST 'rap\_unified\_ugwp\_debug\_intel' [05:22, 04:58](1172 MB)

PASS -- TEST 'rap\_lndp\_debug\_intel' [05:24, 04:50](1168 MB)

PASS -- TEST 'rap\_progld\_thompson\_debug\_intel' [05:21, 04:48](1175 MB)

PASS -- TEST 'rap\_noah\_debug\_intel' [05:25, 04:49](1162 MB)

PASS -- TEST 'rap\_sfcdiff\_debug\_intel' [05:23, 04:55](1173 MB)

PASS -- TEST 'rap\_noah\_sfcdiff\_cires\_ugwp\_debug\_intel' [08:21, 07:51](1172 MB)

PASS -- TEST 'rrfs\_v1beta\_debug\_intel' [05:22, 04:56](1167 MB)

PASS -- TEST 'rap\_clm\_lake\_debug\_intel' [06:24, 05:51](1168 MB)

PASS -- TEST 'rap\_flake\_debug\_intel' [05:23, 04:59](1172 MB)

PASS -- TEST 'gnv1\_c96\_no\_nest\_debug\_intel' [09:37, 08:20](1173 MB)

  

PASS -- COMPILE 'atm\_debug\_dyn32\_gnu' [03:12, 02:46]

PASS -- TEST 'control\_csawmg\_debug\_gnu' [03:43, 02:10](512 MB)

  

PASS -- COMPILE 'wam\_debug\_intel' [04:11, 03:28] ( 855 warnings )

PASS -- TEST 'control\_wam\_debug\_intel' [05:22, 05:03](499 MB)

  

PASS -- COMPILE 'rrfs\_dyn32\_phy32\_intel' [11:12, 10:09] ( 3 warnings 8 remarks )

PASS -- TEST 'regional\_spp\_sppt\_shum\_skeb\_dyn32\_phy32\_intel' [04:58, 03:54](1148 MB)

PASS -- TEST 'rap\_control\_dyn32\_phy32\_intel' [07:42, 06:25](1034 MB)

PASS -- TEST 'hrrr\_control\_dyn32\_phy32\_intel' [04:38, 03:30](964 MB)

PASS -- TEST 'rap\_2threads\_dyn32\_phy32\_intel' [07:34, 06:09](1090 MB)



PASS -- TEST 'hrrr\_control\_2threads\_dyn32\_phy32\_intel' [04:34, 03:09](942 MB)

PASS -- TEST 'hrrr\_control\_decomp\_dyn32\_phy32\_intel' [04:30, 03:41](918 MB)

PASS -- TEST 'rap\_restart\_dyn32\_phy32\_intel' [05:46, 04:54](1018 MB)

PASS -- TEST 'hrrr\_control\_restart\_dyn32\_phy32\_intel' [02:31, 01:52](918 MB)

PASS -- COMPILE 'rrfs\_dyn32\_phy32\_faster\_intel' [13:11, 12:16] ( 3 warnings 8 remarks )

PASS -- TEST 'conus13km\_control\_intel' [02:55, 02:07](1179 MB)

PASS -- TEST 'conus13km\_2threads\_intel' [01:48, 00:52](1099 MB)

PASS -- TEST 'conus13km\_restart\_mismatch\_intel' [02:49, 01:13](1100 MB)

PASS -- COMPILE 'rrfs\_dyn64\_phy32\_intel' [10:11, 10:06] ( 3 warnings 8 remarks )

PASS -- TEST 'rap\_control\_dyn64\_phy32\_intel' [05:43, 04:12](965 MB)

PASS -- COMPILE 'rrfs\_dyn32\_phy32\_debug\_intel' [04:11, 03:24] ( 787 warnings 8 remarks )

PASS -- TEST 'rap\_control\_debug\_dyn32\_phy32\_intel' [05:23, 04:58](1051 MB)

PASS -- TEST 'hrrr\_control\_debug\_dyn32\_phy32\_intel' [05:22, 04:42](1050 MB)

PASS -- TEST 'conus13km\_debug\_intel' [15:57, 14:38](1181 MB)

PASS -- TEST 'conus13km\_debug\_qr\_intel' [15:52, 14:43](890 MB)

PASS -- TEST 'conus13km\_debug\_2threads\_intel' [09:43, 08:15](1103 MB)

PASS -- TEST 'conus13km\_radar\_tten\_debug\_intel' [15:47, 14:19](1243 MB)

PASS -- COMPILE 'rrfs\_dyn64\_phy32\_debug\_intel' [04:12, 03:23] ( 787 warnings 8 remarks )

PASS -- TEST 'rap\_control\_dyn64\_phy32\_debug\_intel' [05:32, 04:59](1088 MB)

PASS -- COMPILE 'hafsw\_intel' [12:11, 11:53] ( 1 warnings 8 remarks )

PASS -- TEST 'hafsw\_regional\_atm\_intel' [06:27, 04:55](717 MB)

PASS -- TEST 'hafs\_regional\_atm\_thompson\_gfdlsf\_intel' [06:32, 05:52](1097 MB)

PASS -- TEST 'hafs\_regional\_atm\_ocn\_intel' [08:32, 06:51](809 MB)

PASS -- TEST 'hafs\_regional\_atm\_wav\_intel' [15:31, 13:24](853 MB)

PASS -- TEST 'hafs\_regional\_atm\_ocn\_wav\_intel' [16:36, 15:07](856 MB)

PASS -- TEST 'hafs\_regional\_1nest\_atm\_intel' [07:22, 05:31](483 MB)

PASS -- TEST 'hafs\_regional\_telescopic\_2nests\_atm\_intel' [08:29, 07:01](501 MB)

PASS -- TEST 'hafs\_global\_1nest\_atm\_intel' [03:56, 02:42](355 MB)

PASS -- TEST 'hafs\_global\_multiple\_4nests\_atm\_intel' [10:55, 07:23](452 MB)

PASS -- TEST 'hafs\_regional\_specified\_moving\_1nest\_atm\_intel' [04:46, 03:46](511 MB)

PASS -- TEST 'hafs\_regional\_storm\_following\_1nest\_atm\_intel' [04:52, 03:37](511 MB)

PASS -- TEST 'hafs\_regional\_storm\_following\_1nest\_atm\_ocn\_intel' [04:57, 04:07](571 MB)

PASS -- TEST 'hafs\_global\_storm\_following\_1nest\_atm\_intel' [02:34, 01:12](391 MB)

PASS -- TEST 'gnv1\_nested\_intel' [05:59, 04:13](783 MB)

  

PASS -- COMPILE 'hafsw\_debug\_intel' [04:11, 04:01] ( 1467 warnings 1501 remarks )

PASS -- TEST 'hafs\_regional\_storm\_following\_1nest\_atm\_ocn\_debug\_intel' [14:01, 12:36](533 MB)

  

PASS -- COMPILE 'hafsw\_faster\_intel' [12:11, 11:55] ( 7 remarks )

PASS -- TEST 'hafs\_regional\_storm\_following\_1nest\_atm\_ocn\_wav\_intel' [11:08, 08:45](617 MB)

PASS -- TEST 'hafs\_regional\_storm\_following\_1nest\_atm\_ocn\_wav\_inline\_intel' [12:18, 08:48](685 MB)

  

PASS -- COMPILE 'hafs\_mom6w\_intel' [12:11, 12:02] ( 7 remarks )

PASS -- TEST 'hafs\_regional\_storm\_following\_1nest\_atm\_ocn\_wav\_mom6\_intel' [09:04, 06:27](707 MB)

PASS -- COMPILE 'hafs\_all\_intel' [12:11, 11:28] ( 7 remarks )

PASS -- TEST 'hafs\_regional\_docn\_intel' [09:18, 06:28](811 MB)

PASS -- TEST 'hafs\_regional\_docn\_oisst\_intel' [10:29, 06:35](796 MB)

PASS -- TEST 'hafs\_regional\_datm\_cdeps\_intel' [18:28, 16:22](1203 MB)

  

PASS -- COMPILE 'datm\_cdeps\_intel' [06:11, 06:04]

PASS -- TEST 'datm\_cdeps\_control\_cfsr\_intel' [03:24, 02:41](1144 MB)

PASS -- TEST 'datm\_cdeps\_restart\_cfsr\_intel' [02:20, 01:40](1085 MB)

PASS -- TEST 'datm\_cdeps\_control\_gefs\_intel' [03:19, 02:37](1001 MB)

PASS -- TEST 'datm\_cdeps\_iau\_gefs\_intel' [03:21, 02:41](1019 MB)

PASS -- TEST 'datm\_cdeps\_stochy\_gefs\_intel' [03:18, 02:41](1014 MB)

PASS -- TEST 'datm\_cdeps\_ciceC\_cfsr\_intel' [03:18, 02:41](1154 MB)

PASS -- TEST 'datm\_cdeps\_bulk\_cfsr\_intel' [03:17, 02:46](1136 MB)

PASS -- TEST 'datm\_cdeps\_bulk\_gefs\_intel' [03:18, 02:35](1006 MB)

PASS -- TEST 'datm\_cdeps\_mx025\_cfsr\_intel' [08:27, 06:18](1060 MB)

PASS -- TEST 'datm\_cdeps\_mx025\_gefs\_intel' [08:38, 06:23](1036 MB)

PASS -- TEST 'datm\_cdeps\_multiple\_files\_cfsr\_intel' [03:14, 02:42](1160 MB)

PASS -- TEST 'datm\_cdeps\_3072x1536\_cfsr\_intel' [04:19, 03:54](2428 MB)

PASS -- TEST 'datm\_cdeps\_gfs\_intel' [04:18, 03:46](2484 MB)

  

PASS -- COMPILE 'datm\_cdeps\_debug\_intel' [03:11, 02:56] ( 2 warnings )

PASS -- TEST 'datm\_cdeps\_debug\_cfsr\_intel' [07:21, 06:17](1064 MB)

  

PASS -- COMPILE 'datm\_cdeps\_faster\_intel' [07:11, 06:17]

PASS -- TEST 'datm\_cdeps\_control\_cfsr\_faster\_intel' [03:18, 02:40](1138 MB)

PASS -- COMPILE 'datm\_cdeps\_land\_intel' [02:12, 01:15] ( 1 remarks )

PASS -- TEST 'datm\_cdeps\_lnd\_gswp3\_intel' [01:30, 00:48](252 MB)

PASS -- TEST 'datm\_cdeps\_lnd\_era5\_intel' [02:23, 00:49](312 MB)

PASS -- TEST 'datm\_cdeps\_lnd\_era5\_rst\_intel' [01:25, 00:31](311 MB)

PASS -- COMPILE 'atml\_intel' [12:11, 11:28] ( 8 warnings 2 remarks )

PASS -- TEST 'control\_p8\_atmlnd\_sbs\_intel' [07:15, 04:13](1593 MB)

PASS -- TEST 'control\_p8\_atmlnd\_intel' [06:14, 04:12](1579 MB)

PASS -- TEST 'control\_restart\_p8\_atmlnd\_intel' [04:07, 02:17](879 MB)

PASS -- COMPILE 'atml\_debug\_intel' [05:11, 04:38] ( 880 warnings 2 remarks )

PASS -- TEST 'control\_p8\_atmlnd\_debug\_intel' [08:15, 05:36](1591 MB)

PASS -- COMPILE 'atmw\_intel' [11:11, 11:01] ( 8 remarks )

PASS -- TEST 'atmwav\_control\_noaero\_p8\_intel' [04:06, 01:49](1663 MB)

PASS -- COMPILE 'atmaero\_intel' [11:11, 10:32] ( 1 remarks )

PASS -- TEST 'atmaero\_control\_p8\_intel' [06:26, 04:05](3014 MB)

PASS -- TEST 'atmaero\_control\_p8\_rad\_intel' [07:08, 05:00](3075 MB)

PASS -- TEST 'atmaero\_control\_p8\_rad\_micro\_intel' [06:51, 05:01](3090 MB)

PASS -- COMPILE 'atmaq\_debug\_intel' [04:11, 03:32] ( 884 warnings 6 remarks )

PASS -- TEST 'regional\_atmaq\_debug\_intel' [24:10, 21:49](4435 MB)

PASS -- COMPILE 'atm\_gnu' [04:11, 03:42]

PASS -- TEST 'control\_c48\_gnu' [12:49, 11:10](1532 MB)  
PASS -- TEST 'control\_stochy\_gnu' [04:25, 03:25](494 MB)  
PASS -- TEST 'control\_ras\_gnu' [05:24, 04:51](501 MB)  
PASS -- TEST 'control\_p8\_gnu' [06:04, 04:43](1251 MB)  
PASS -- TEST 'control\_p8\_ugwpv1\_gnu' [05:58, 04:36](1253 MB)  
PASS -- TEST 'control\_flake\_gnu' [11:27, 10:44](540 MB)

PASS -- COMPILE 'rrfs\_gnu' [04:11, 03:43]  
PASS -- TEST 'rap\_control\_gnu' [11:43, 10:46](841 MB)  
PASS -- TEST 'rap\_decomp\_gnu' [11:49, 11:01](851 MB)  
PASS -- TEST 'rap\_2threads\_gnu' [10:46, 09:55](927 MB)  
PASS -- TEST 'rap\_restart\_gnu' [06:51, 05:30](572 MB)  
PASS -- TEST 'rap\_sfcdiff\_gnu' [11:44, 10:45](847 MB)  
PASS -- TEST 'rap\_sfcdiff\_decomp\_gnu' [11:44, 10:55](846 MB)  
PASS -- TEST 'rap\_sfcdiff\_restart\_gnu' [08:53, 08:02](573 MB)  
PASS -- TEST 'hrrr\_control\_gnu' [06:45, 05:39](843 MB)  
PASS -- TEST 'hrrr\_control\_noqr\_gnu' [06:43, 05:36](829 MB)  
PASS -- TEST 'hrrr\_control\_2threads\_gnu' [06:41, 05:03](915 MB)  
PASS -- TEST 'hrrr\_control\_decomp\_gnu' [06:39, 05:34](842 MB)  
PASS -- TEST 'hrrr\_control\_restart\_gnu' [03:35, 02:56](555 MB)  
PASS -- TEST 'hrrr\_control\_restart\_noqr\_gnu' [03:33, 02:53](650 MB)  
PASS -- TEST 'rrfs\_v1beta\_gnu' [11:55, 10:35](839 MB)

PASS -- COMPILE 'atm\_dyn32\_debug\_gnu' [04:11, 03:40]  
PASS -- TEST 'control\_diag\_debug\_gnu' [02:55, 01:39](1263 MB)  
PASS -- TEST 'regional\_debug\_gnu' [11:47, 10:54](543 MB)

PASS -- TEST 'rap\_control\_debug\_gnu' [03:28, 02:35](853 MB)  
PASS -- TEST 'hrrr\_control\_debug\_gnu' [03:27, 02:32](847 MB)  
PASS -- TEST 'hrrr\_gf\_debug\_gnu' [03:24, 02:35](853 MB)  
PASS -- TEST 'hrrr\_c3\_debug\_gnu' [03:25, 02:35](852 MB)  
PASS -- TEST 'rap\_diag\_debug\_gnu' [03:44, 02:48](933 MB)  
PASS -- TEST 'rap\_noah\_sfcdiff\_cires\_ugwp\_debug\_gnu' [05:40, 04:02](844 MB)  
PASS -- TEST 'rap\_progld\_thompson\_debug\_gnu' [03:27, 02:36](845 MB)  
PASS -- TEST 'rrfs\_v1beta\_debug\_gnu' [03:27, 02:35](845 MB)  
PASS -- TEST 'control\_ras\_debug\_gnu' [02:25, 01:33](485 MB)  
PASS -- TEST 'control\_stochy\_debug\_gnu' [02:24, 01:43](474 MB)  
PASS -- TEST 'control\_debug\_p8\_gnu' [02:51, 01:40](1235 MB)  
PASS -- TEST 'rap\_flake\_debug\_gnu' [03:27, 02:34](846 MB)  
PASS -- TEST 'rap\_clm\_lake\_debug\_gnu' [03:26, 02:49](849 MB)  
PASS -- TEST 'gnv1\_c96\_no\_nest\_debug\_gnu' [05:45, 04:19](854 MB)

PASS -- COMPILE 'wam\_debug\_gnu' [02:11, 01:54]

PASS -- COMPILE 'rrfs\_dyn32\_phy32\_gnu' [04:10, 03:40]  
PASS -- TEST 'rap\_control\_dyn32\_phy32\_gnu' [10:45, 09:30](701 MB)  
PASS -- TEST 'hrrr\_control\_dyn32\_phy32\_gnu' [06:37, 05:09](701 MB)  
PASS -- TEST 'rap\_2threads\_dyn32\_phy32\_gnu' [09:41, 08:48](745 MB)  
PASS -- TEST 'hrrr\_control\_2threads\_dyn32\_phy32\_gnu' [05:44, 04:39](745 MB)  
PASS -- TEST 'hrrr\_control\_decomp\_dyn32\_phy32\_gnu' [06:36, 05:06](697 MB)  
PASS -- TEST 'rap\_restart\_dyn32\_phy32\_gnu' [08:45, 07:15](544 MB)  
PASS -- TEST 'hrrr\_control\_restart\_dyn32\_phy32\_gnu' [03:33, 02:33](533 MB)  
PASS -- TEST 'conus13km\_control\_gnu' [05:08, 03:13](869 MB)

PASS -- TEST 'conus13km\_2threads\_gnu' [06:56, 05:34](870 MB)

PASS -- TEST 'conus13km\_restart\_mismatch\_gnu' [02:57, 01:47](563 MB)

PASS -- COMPILE 'atm\_dyn64\_phy32\_gnu' [06:11, 05:27]

PASS -- TEST 'rap\_control\_dyn64\_phy32\_gnu' [06:45, 05:42](726 MB)

PASS -- COMPILE 'atm\_dyn32\_phy32\_debug\_gnu' [04:10, 03:39]

PASS -- TEST 'rap\_control\_debug\_dyn32\_phy32\_gnu' [03:29, 02:31](703 MB)

PASS -- TEST 'conus13km\_debug\_gnu' [08:03, 06:53](872 MB)

PASS -- TEST 'conus13km\_debug\_qr\_gnu' [08:02, 06:56](564 MB)

PASS -- TEST 'conus13km\_debug\_2threads\_gnu' [08:46, 07:23](875 MB)

PASS -- TEST 'conus13km\_radar\_tten\_debug\_gnu' [07:46, 06:54](945 MB)

PASS -- COMPILE 'atm\_dyn64\_phy32\_debug\_gnu' [04:10, 03:42]

PASS -- TEST 'rap\_control\_dyn64\_phy32\_debug\_gnu' [03:28, 02:36](731 MB)

PASS -- COMPILE 's2swa\_gnu' [15:12, 14:40]

PASS -- COMPILE 's2s\_gnu' [15:12, 14:24]

PASS -- TEST 'cpld\_control\_nowave\_noaero\_p8\_gnu' [09:25, 07:03](1340 MB)

PASS -- COMPILE 's2swa\_debug\_gnu' [03:10, 02:33]

PASS -- COMPILE 's2sw\_pdlib\_gnu' [15:12, 14:27]

PASS -- TEST 'cpld\_control\_pdlib\_p8\_gnu' [24:18, 22:06](1312 MB)

PASS -- COMPILE 's2sw\_pdlib\_debug\_gnu' [03:11, 02:25]

PASS -- TEST 'cpld\_debug\_pdlib\_p8\_gnu' [16:04, 14:07](1308 MB)

PASS -- COMPILE 'datm\_cdeps\_gnu' [14:12, 14:05]

PASS -- TEST 'datm\_cdeps\_control\_cfsr\_gnu' [03:21, 03:00](694 MB)

#### SYNOPSIS:

Starting Date/Time: 20240516 12:16:53

Ending Date/Time: 20240516 14:33:22

Total Time: 02h:16m:46s

Compiles Completed: 55/55

Tests Completed: 243/243

#### NOTES:

A file 'test\_changes.list' was generated but is empty.

If you are using this log as a pull request verification, please commit 'test\_changes.list'.

Result: SUCCESS

====END OF HERA REGRESSION TESTING LOG====