Supporting Information for

"A comparison of the diel cycle of modeled and measured latent heat flux during the warm season in a Colorado subalpine forest"

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Modifications to CLM4.5 source code

The Community Land Surface Model (CLM) science version 4.5.1 series (version $clm4_5_14_r226$) was used for our study. In order to create a case/run, the following command was used:

```
./create_newcase --user-mods-dir \
/glade/p/work/wwieder/clm5_r162/components/clm/tools/shared/PTCLM/mydatafiles/1x1pt_US-NR1 \
--case NR1_PTCLM45sp_4_0LAI_A1_test --project PXXXXXX \
--res CLM_USRDAT --compset I1PTCLM45 --mach cheyenne --run-unsupported
```

In order to use observed friction velocity, three XML files in the CLM source code are modified (these files are included in the ZIP archive). The modified XML files are:

```
~/components/clm/bld/CLMBuildNamelist_obs_ustar.pm*
~/components/clm/bld/namelist_files/namelist_definition_clm4_5_mod_ustar.xml
~/components/clm/bld/namelist_files/namelist_defaults_clm4_5_mod_ustar.xml
```

which should replace the following files in the CLM source code:

```
~/components/clm/bld/CLMBuildNamelist.pm*
~/components/clm/bld/namelist_files/namelist_definition_clm4_5.xml
~/components/clm/bld/namelist_files/namelist_defaults_clm4_5.xml
```

The alphanumeric name of each the CLM4.5 run shown in Table 1 is listed below along with the name of the CLM directory used to run the software. For a specific example of modifying the source code, see Appendix A. Within CLM, the revised source code is placed in the subdirectory, "SourceMods/src.clm/". In our zip archive, we include the following files for each case: user_nl_clm, env_case.xml, and the contents of SourceMods/src.clm/.

Listing of the alphanumeric code and corresponding CLM case name:

A1 (LAI=2):	NR1_PTCLM45sp_2_0LAI_A1
A1 (LAI=4):	NR1_PTCLM45sp_4_0LAI_A1
A1 (LAI=6):	NR1_PTCLM45sp_6_0LAI_A1
	-
B0:	NR1_PTCLM45sp_4_0LAI_B0_leaf_wet_02
B1:	NR1_PTCLM45sp_4_0LAI_B1_leaf_wet_02_noS
B2:	NR1_PTCLM45sp_4_0LAI_B2_leaf_wet_02_noS_ustar_obs
C0:	NR1 PTCLM45sp 4 0LAI C0 ustar obs
D0:	NR1_PTCLM45sp_4_0LAI_D0_zetamax
D1:	NR1_PTCLM45sp_4_0LAI_D1_ustar_obs
D2:	NR1_PTCLM45sp_4_0LAI_D2_ustar_obs_hog88
D3:	NR1 PTCLM45sp 4 0LAI D3 ustar obs hand99
E0:	NR1 PTCLM45sp 4 0LAI E0 noS
F0:	NR1 PTCLM45sp 4 0LAI F0 Csoil 08
F1:	NR1 PTCLM45sp 4 0LAI F1 Csoil 08 noS
F2:	NR1 PTCLM45sp 4 0LAI F2 Csoil ustar obs
G1:	NR1 PTCLM45sp 4 0LAI G1 ustar obs hog88 leaf wet Csoil08

The provided zip file that contains the revised code is:

-rw-r--r-- 1 sean ncar 1389592 Jan 10 14:27 agu_JAMES_SpB_CLM_code_mods_180110.zip

NOTE: The zip file name might be called something like, "jame20548-sup-00XX-DataSetS01.zip".

The contents of the zip file has the following format:

Integr Time Name 1115 12-07-207 15:39 MRL-PFCLMSsp.2.40.L.Al/sex.arCtive.ml 1115 12-07-207 15:39 MRL-PFCLMSsp.2.40.L.Al/sex.arCtive.ml 1216 12-07-207 15:31 MRL-PFCLMSsp.2.40.L.Al/sex.arCtive.ml 1216 12-07-207 15:31 MRL-PFCLMSsp.2.40.L.Al/sex.arCtive.ml 1216 07-07-207 15:33 MRL-PFCLMSsp.2.40.L.Al/sex.arCtive.ml 1216 07-07-207 15:33 MRL-PFCLMSsp.2.40.L.Al/sex.arCtive.ml 1216 07-07-207 15:33 MRL-PFCLMSsp.2.40.L.Al/sex.arCtive.ml 1216 07-07-207 15:30 MRL-PFCLMSsp.2.40.L.Al/sex.arCtive.ml 1216 07-07-207 15:30 MRL-PFCLMSsp.2.40.L.Al/sex.arCtive.ml 1216 12-07-207	unzip -l a	gu_JAMES_SpB_CLM_c	ode_mods_180110.zip more
111 12	Length	Date Time	Name
P765 12-67-207 DSI PSILPPENDSUD_ALLAL/Www.mach.meth.mall PSIN PSIN PSIN PSIN PSIN PSIN PSIN PSIN PSIN PSIN PSIN PSIN PSIN PSIN PSIN PSIN PSIN PSIN PSIN PSIN PSIN PSIN PSIN PSIN PSIN PSIN PSIN PSIN PSIN PSIN PSIN PSIN PSIN PSIN PSIN PSIN PSIN PSIN PSIN PSIN PSIN PSIN PSIN PSIN PSIN PSIN PSIN PSIN PSIN PSIN	1115	12-07-2017 15:59	 NR1_PTCLM45sp_2_0LAI_A1/user_nl_clm
670 01-04-2083 13:11 10:11 17:11	7958	12-07-2017 15:59	NR1_PTCLM45sp_2_0LAI_A1/env_archive.xml
1511 0.144-2008 151.21 0.181.27104459;p.2.401.2.1/orw.sci.nl 1531 12-07-207 151.59 0.117104459;p.2.401.2.1/orw.sci.nl 1531 12-07-207 151.59 0.01710459;p.2.401.2.1/orw.sci.nl 1532 0.14-207 151.91 0.01710459;p.2.401.2.1/orw.sci.nl 1532 0.14-207 151.91 0.01710459;p.2.401.2.1/orw.sci.nl 1532 0.14-207 151.91 0.01710459;p.2.401.2.1/orw.sci.nl 1536 0.01-207 151.91 0.01710459;p.2.401.2.1/orw.sci.nl 1536 0.01-207 151.91 0.011459;p.2.401.2.1/orw.sci.nl 0.0114111111111111111111111111111111111	6709	01-04-2018 13:21	NR1_PTCLM45sp_2_0LAI_A1/env_batch.xml
1241 12-07-2007 13:39 NRL_PTC10035g_2_MALL_APV_NUESH.pecifics.mal 1343 12-07-2007 13:39 NRL_PTC10035g_2_MALL_APV_NUESH.pecifics.mal 13451 12-07-2007 13:39 NRL_PTC10035g_2_MALL_APV_NUESH.pecifics.mal 13451 12-07-2007 13:33 NRL_PTC10035g_2_MALL_APV_Surrectodds/rsc.clm/Cancerpt1uxeshod.F90 13475 12-07-2007 13:33 NRL_PTC10045g_2_MALL_APV_Surrectodds/rsc.clm/Cancerpt1uxeshod.F90 1348 13-07-2007 13:33 NRL_PTC10045g_2_MALL_APV_Surrectodds/rsc.clm/Cancerpt1uxeshod.F90 1349 12-02-2007 13:33 NRL_PTC10045g_2_MALL_APV_Surrectodes/rsc.clm/Cancerpt1uxeshod.F90 13415 12-07-2007 13:33 NRL_PTC10045g_2_MALL_APV_Survectore.sml 13415 12-07-2007 13:33 NRL_PTC10045g_2_MALL_APV_Survectore.sml 13451 12-07-2007 13:33 NRL_PTC10045g_2_MALL_APV_Survectore.sml 13523 0+0-2081 13:33 NRL_PTC10045g_2_MALL_APV_Survectore.sml 13524 0+0-2081 13:33 NRL_PTC10045g_2_MALL_APV_Survectore.sml 13515 0+0-2081 13:33 NRL_PTC10045g_2_MALL_APV_Survectore.sml 13516 0+0-2081 13:33 <	15117	01-04-2018 13:21	NR1_PTCLM45sp_2_0LAI_A1/env_build.xml
313 12-97-287 315.9 NRL PTCH4552, 2.04L, Allow, must 3888 0-4288 12.2 ALL	12954	12-07-2017 15:59	NKL_PICLM45Sp_2ULAL_AI/env_case.xml
9688 91-64-2618 13:21 NR.L.PTCUM4Sp.2.001.AL/J.SourceMody/src.cls/CanopyFluxesHod.F99 9287 99-12-2017 63:31 NR.L.PTCUM4Sp.2.001.AL/J.SourceMody/src.cls/CanopyFluxesHod.F99 9287 99-12-2017 63:33 NR.L.PTCUM4Sp.2.001.AL/J.SourceMody/src.cls/CanopyFluxesHod.F99 92818 63-63-2017 73:14 NR.L.PTCUM4Sp.2.001.AL/J.SourceMody/src.cls/SatelliteHemologyMol.F99 92819 64-64268 13:29 NR.L.PTCUM4Sp.2.001.AL/J.SourceMody/src.cls/SatelliteHemologyMol.F99 15119 64-64268 13:29 NR.L.PTCUM4Sp.2.001.AL/J.SourceMody/src.cls/SatelliteHemologyMol.F99 15119 164-6268 13:29 NR.L.PTCUM4Sp.2.001.AL/J.SourceMody/src.cls/CanopyFluxesHod.F99 15129 164-6268 13:29 NR.L.PTCUM4Sp.2.001.AL/J.SourceMody/src.cls/CanopyFluxesHod.F99 15129 164-6268 13:29 NR.L.PTCUM4Sp.2.001.AL/J.SourceMody/src.cls/CanopyFluxesHod.F99 15129 164-72687 15:39 NR.L.PTCUM4Sp.2.001.AL/J.SourceMody/src.cls/CanopyFluxesHod.F99 15261 164-72687 15:39 NR.L.PTCUM4Sp.2.001.AL/J.SourceMody/src.cls/CanopyFluxesHod.F99 15263 164-72687 15:39 NR.L.PTCUM4Sp.2.001.AL/J.SourceMody/	2415	12-07-2017 15:59	NR1 PTCIM45sp 2 QIAT_AI/env mach_pes.xml
8325 9-63-2007 15:11 BRL /TCLMSp. 2. GulL AL/SourceMod/src. clm/CompYTempertureRod. P90 9267 90-12-2007 90:13 BRL /TCLMSp. 2. GulL AL/SourceMod/src. clm/CompYTempertureRod. P90 9268 90-27-2007 15:14 BRL /TCLMSp. 2. GulL AL/SourceMod/src. clm/CritinWolcing/Mod. P90 9268 90-27-2007 15:16 BRL /TCLMSp. 2. GulL AL/SourceMod/src. clm/CritinWolcing/Mod. P90 9268 10-47-2007 15:16 BRL /TCLMSp. 2. GulL AL/SourceMod/src. clm/CritinWolcing/Mod. P90 1101 10-47-2007 15:16 BRL /TCLMSp. 2. GulL AL/SourceMod/src. clm/CritinWolcing/Mod. P90 1204 12-47-2007 15:16 BRL /TCLMSp. 4. GulL AL/SourceMod/src. clm/CritinWolcing/Mod. P90 1204 12-47-2007 15:17 BRL /TCLMSp. 4. GulL AL/SourceMod/src. clm/CritinWolcing/Mod. P90 1204 12-47-2007 15:18 BRL /TCLMSp. 4. GulL AL/SourceMod/src. clm/CritinWolcing/Mod. P90 1204 12-47-2007 15:18 BRL /TCLMSp. 4. GulL AL/SourceMod/src. clm/CritinWolcing/Mod. P90 1204 12-47-2007 15:18 BRL /TCLMSp. 4. GulL AL/SourceMod/src. clm/CritinWolcing/Mod. P90 1204 12-47-2007 15:18 BRL /TCLMSp. 4. GulL AL/	50883	01-04-2018 13:21	NR1_PTCLM45sp_2_0LAI_A1/env_run.xml
2937 09-12-207 09:13 DRL PTCLMSSp. 2.0.1.4.1/SourceHods/rcc.clm/StatellitePhenologyHod.P90 2436 02-72-207 13:34 DRL PTCLMSSp. 2.0.1.4.1/SourceHods/rcc.clm/StatellitePhenologyHod.P90 2436 02-72-207 13:34 DRL PTCLMSSp. 2.0.1.4.1/SourceHods/rcc.clm/StatellitePhenologyHod.P90 2738 12-0-207 13:35 DRL PTCLMSSp. 4.0.1.1/vev.vatch.rml 1511 0-4-208 13:29 DRL PTCLMSSp. 4.0.1.1/vev.vatch.rml 1514 0-4-208 DRL PTCLMSSp. 4.0.1.1/vev.vats.rml 1514 0-4-208 DRL PTCLMSSp. 4.0.1.1/vev.vats.rml 1514 0-4-208 DRL PTCLMSSp. 4.0.1.1.1/vev.vats.rml 1514 0-4-208 DRL PTCLMSSp. 4.0.1.1.1/vev.vats.rml 16352 0-4-208 DRL PTCLMSSp. 4.0.1.1.1/vev.vats.rml 15257 0-12-207 DRL PTCLMSSp. 4.0.1.1.1/vev.vats.rml 1518 1-6-208 DRL PTCLMSSp. 4.0.1.1.1/vev.vats.rml 1519 1-6-208 DRL PTCLMSSp. 4.0.1.1.1/vev.vatch.res.rml 1519 1-6-208 DRL PTCLMSSp. 6.0.1.1.1/vev.vatch.res.rml 1519 1-6-208 DRL PTCLMSSp. 6.0.1.1.1/vev.vam.rml 1526 12-6-207 DRL PTCLMSSp. 6.0.0.1.1.1/vev.vam.rml	83925	03-03-2017 15:31	NR1_PTCLM45sp_2_0LAI_A1/SourceMods/src.clm/CanopyFluxesMod.F90
4281 0:47.2017 11:51.4 NR1.PTCH4559.2.MLAL/SourceHods/src.cls/FrictionVelocityHod.P90 1138 10:47.2017 11:15.1 NR1.PTCH4559.2.MLAL/Area.LaCla 1139 10:47.2017 11:16.1 NR1.PTCH4559.2.MLAL/Area.LaCla 1131 10:47.2017 11:16.1 NR1.PTCH4559.2.MLAL/Area.LaCla 1131 10:47.2017 11:16.1 NR1.PTCH4559.2.MLAL/Area.Lacl.set.ml 12341 12:47.2017 11:51.0 NR1.PTCH4559.2.MLAL/Area.Lacl.set.ml 12411 12:47.2017 11:51.0 NR1.PTCH4559.2.MLAL/Area.Lacl.set.ml 12411 12:47.2017 11:51.0 NR1.PTCH4559.2.MLAL/Area.Land.spc:file.cnl 12431 12:47.2017 11:51.0 NR1.PTCH4559.2.MLAL/Area.Lacl.set.ml 12431 12:47.2017 11:51.0 NR1.PTCH4559.2.MLAL/Area.Lat/SourceHods/src.cls/PrictionVelocityHod.F90 12351 12:47.2017 11:51.0 NR1.PTCH4559.2.MLAL/Area.Lat/SourceHods/src.cls/PrictionVelocityHod.F90 12352 12:47.2017 11:51.0 NR1.PTCH4559.2.MLAL/Area.Lat/SourceHods/src.cls/PrictionVelocityHod.F90 12352 12:47.2017 11:51.0 NR1.PTCH4559.2.MLAL/Area.Lat/SourceHods/src.cls/PrictionVelocityHod.F90 12352 12:47.2017 <td>29875</td> <td>09-12-2017 08:35</td> <td>NR1_PTCLM45sp_2_0LAI_A1/SourceMods/src.clm/CanopyTemperatureMod.F90</td>	29875	09-12-2017 08:35	NR1_PTCLM45sp_2_0LAI_A1/SourceMods/src.clm/CanopyTemperatureMod.F90
263 0 + 0 - 201 (2):10 ML PLUMSSp 401.1.1 / SourceModySrC - ClayStCl IterhenologyMod. P9 193 10 - 201 (2):10 ML PLUMSSp 401.1.1 / SourceModySrC - ClayStCl IterhenologyMod. P9 193 10 - 40 - 201 (2):10 ML PLUMSSp 401.1.1 / SourceModyStC - 401.1.1 / Sourc	42361	02-27-2017 15:54	NR1_PTCLM45sp_2_0LAI_A1/SourceMods/src.clm/FrictionVelocityMod.F90
12.47 247 <td< td=""><td>26450</td><td>05-05-2017 25:14</td><td>NR1_FICLM4SSP_2_ULAI_AI/SOURCEMOUS/SFC.CIM/SateIIIterMenologyMod.F90</td></td<>	26450	05-05-2017 25:14	NR1_FICLM4SSP_2_ULAI_AI/SOURCEMOUS/SFC.CIM/SateIIIterMenologyMod.F90
i 0709 01-04-2018 13:29 NRL PTCLMSSp. 4.0LL Al/cmv.baild.xml 12946 12-07-2017 15:42 NRL PTCLMSSp. 4.0LL Al/cmv_case.rml 12946 12-07-2017 15:53 NRL PTCLMSSp. 4.0LL Al/cmv_case.rml 12945 12-07-2017 15:54 NRL PTCLMSSp. 4.0LL Al/cmv_case.rml 12945 12-07-2017 15:55 NRL PTCLMSSp. 4.0LL Al/cmv_cmn.rml 12945 120-7-2017 15:55 NRL PTCLMSSp. 4.0LL Al/Sp. 2016 12957 09-12-2017 15:59 NRL PTCLMSSp. 4.0LL Al/Sp. 2016 1115 12-07-2017 15:59 NRL PTCLMSSp. 6.0LL Al/very_case.rml 11517 12-07-2017 15:59 NRL PTCLMSSp. 6.0LL Al/very_case.rml 11517 12-07-2017 15:59 NRL PTCLMSSp. 6.0LL Al/very_case.rml 12958 12-07-2017 15:59 NRL PTCLMSSp. 6.0LL Al/very_case.rml 12951 12-07-2017 15:59 NRL PTCLMSSp. 6.0LL Al/very_case.rml 12952 12-07-2017 15:59 NRL PTCLMSSp. 6.0LL Al/very_case.rml 12954 12-07-2017 15:59 NRL PTCLMSSp. 6.0LL Al/very_res.rml	7958	12-07-2017 15:36	NR1 PTCLM45sp 4 ØLAT Al/env archive.xml
15117 01-04-2018 13:29 RR.J.PTCLMASSp40.AL.A.//ew_usac.spectific.ml 1246 12-07-2017 15:50 RR.J.PTCLMASSp40.AL.A.//ew_usac.spectific.ml 1245 12-07-2017 15:50 RR.J.PTCLMASSp40.AL.A.//ew_usac.spectific.ml 1245 12-07-2017 15:50 RR.J.PTCLMASSp40.AL.A.//www.rms.ml 1245 12-07-2017 15:54 RR.J.PTCLMASSp40.AL.A.//SourceMods/src.clm/EnticutorVelocityMod.F90 1253 12-07-2017 15:55 RR.J.PTCLMASSp40.AL.A.//SourceMods/src.clm/EnticutorVelocityMod.F90 1254 12-07-2017 15:55 RR.J.PTCLMASSp60.AL.A.//ew_urachive.ml 1517 01-04-2018 13:37 RR.J.PTCLMASSp60.AL.A.//ew_urachive.ml 1517 01-04-2018 13:37 RR.J.PTCLMASSp60.AL.A.//ew_urach.spec.fic.ml 1254 12-07-2017 15:59 RR.J.PTCLMASSp60.AL.A.//ew_urach.spec.fic.ml 1264 12-07-2017 15:59 RR.J.PTCLMASSp60.AL.A.//ew_urach.spec.fic.ml 1264 12-07-2017 15:59 RR.J.PTCLMASSp60.AL.A.//sourceMods/src.clm/PrictorVelocityMod.F90 2263 06-27-2017 15:59 RR.J.PTCLMASSp60.AL.A.//SourceMods/src.clm/PrictorVelocityMod.F90 2264 07-2	6709	01-04-2018 13:29	NR1_PTCLM45sp_4_0LAI_A1/env_batch.xml
12946 12-07-2017 15:52 NRL PTCLM55p.40L1A1/em_mach_pes.ml 2415 12-07-2017 15:56 NRL PTCLM55p.40L1A1/em_mach_pes.ml 2415 12-07-2017 15:50 NRL PTCLM55p.40L1A1/sourceMod/src.clm/CamoprFluxesMod.F90 2527 09-17-2017 15:50 NRL PTCLM55p.40L1A1/sourceMod/src.clm/CamoprFluxesMod.F90 2527 09-17-2017 15:50 NRL PTCLM55p.40L1A1/sourceMod/src.clm/CamoprFluxesMod.F90 2527 09-17-2017 15:50 NRL PTCLM55p.50L1A1/ver_matchies 2528 01-04-2018 13:37 NRL PTCLM55p.50L1A1/ver_matchies 2528 01-04-2018 13:37 NRL PTCLM55p.50L1A1/ver_matchies 2528 12-07-2017 15:59 NRL PTCLM55p.50L1A1/ver_matchies 2528 04-02-2018 12:51 NRL PTCLM55p.50L1A1/ver_matchies 2528 04-02-2018 12:51 NRL PTCLM55p.50L1A1/ver_matchies 2528 04-02-2018 12:51 NRL PTCLM55p.50L1A1/ver_matchies 2528 04-02-2018 12:51 NRL PTCLM55p.50L1A1/ver_matchies 2529 04-02-2018 12:51 NRL PTCLM55p.50L1A1/ver_matchies 2520 04-02-2018 12:51 NRL PTCLM55p.50L1A1/ver_matchies 2520 04-02-2018 12:51 NRL PTCLM55p.50L1A1/ver_matchies 2520 04-02-0018 12:01 NRL PTCLM55p.50L1A1/ver_matchies 2520 04-02-0018 02:01 NRL PTCLM55p.50L1A1/ver_matchies 2520 04-02-0018 02:01 NRL PTCLM55p.50L1A11/ver_matchies 2520 04-02-0018 02:01 NRL PTCLM55p.50L1A1120 2520 04-02-	15117	01-04-2018 13:29	NR1_PTCLM45sp_4_0LAI_A1/env_build.xml
 Seise 12-07-2017 15:50 RRL PTCLMSSp. 4.04.1.4/vmr_mach_specific.ml Seise 12-07-2017 15:50 RRL PTCLMSSp. 4.04.1.4/vmr_mn_ml Seise 12-2017 REL 12:00 RRL PTCLMSSp. 4.04.1.4 (Seiserebod/src.clm/CampyTauseStod.F90 Seise 12-2017 REL 12:00 RRL PTCLMSSp. 4.04.1.4 (Seiserebod/src.clm/CampyTauseStod.F90 Seise 12-2017 REL 12:00 RRL PTCLMSSp. 4.04.1.4 (Seiserebod/src.clm/FrictionVelocityMol.F90 Seise 12-2017 REL 12:00 RRL PTCLMSSp. 4.04.1.4 (Seiserebod/src.clm/FrictionVelocityMol.F90 Seise 12-07-2017 15:59 RRL PTCLMSSp. 6.04.1.4 (vmr_schl) Seise 12	12946	12-07-2017 15:42	NR1_PTCLM45sp_4_0LAI_A1/env_case.xml
2415 12-47-401 1513 Will.PTCLMSSp.4.9.ALLAL/SWILLS 26885 04-2081 1513 Will.PTCLMSSp.4.9.ALLAL/SWILLS CompyTemperatureMod.F99 26305 04-20.2017 1513 Will.PTCLMSSp.4.9.ALLAL/SWILLS CompyTemperatureMod.F99 1151 12-47-2017 1513 Will.PTCLMSSp.4.9.ALLAL/SWILLS CompyTemperatureMod.F99 1151 01-44-2018 1313 Will.PTCLMSSp.6.9.ALLAL/SWILLS CompyTemperatureMod.F99 1151 01-44-2018 1313 Will.PTCLMSSp.6.9.ALLAL/WW.arch.bml CompyTemperatureMod.F99 1151 01-44-2018 1317 Will.PTCLMSSp.6.9.ALLAL/WW.arch.bml CompyTemperatureMod.F99 1151 01-44-2018 Will.PTCLMSSp.6.9.ALLAL/WW.much.spcstfill.xml CompyTemperatureMod.F99 12535 01-43-2017 Will.PTCLMSSp.6.9.ALLAL/SWILLS CompyTemperatureMod.F99 2357 03-2017 0613 Will.PTCLMSSp.6.9.ALLAL/SWILLS CompyTemperatureMod.F99 2357 03-2017 Will.PTCLMSSp.6.9.ALLAL/SWILLS CompyTemperatureMod.F99 CompyTemperatureMod.F99 2357 03-2021 Will.PTCLMSSp.6.9.ALLAL/SWILCS CompyTemperatureMod.F99 CompyTemperatureMod.F99 2	5456	12-07-2017 15:50	NR1_PTCLM45sp_4_0LAI_A1/env_mach_pes.xml
3930 9.4 3.4 <td>2415</td> <td></td> <td>NR1_FICLM45sp_4_ULAI_AI/env_macn_specific.xml</td>	2415		NR1_FICLM45sp_4_ULAI_AI/env_macn_specific.xml
29375 09-12-2017 09:35 NRL.PTCLM4SSp4.0H.L.PL/SurceMods/src.clm/FrictionVelocityMod.P90 1115 12-07-2017 15:59 NRL.PTCLM4SSp6.0H.L.PL/CMM.surceMods/src.clm/FrictionVelocityMod.P90 1115 12-07-2017 15:59 NRL.PTCLM4SSp6.0H.L.PL/CMM.surceMods/src.clm/FrictionVelocityMod.P90 11517 01-04-2018 13:37 NRL.PTCLM4SSp6.0H.L.PL/CMM.surceMods/src.clm/FrictionVelocityMod.P90 12951 12-07-2017 15:59 NRL.PTCLM4SSp6.0H.L.PL/CMM.surceMods/src.clm/CampyEuseMod.P90 12954 12-07-2017 15:59 NRL.PTCLM4SSp6.0H.L.PL/CMM.surceMods/src.clm/CampyEuseMod.P90 12952 04-07-2017 15:31 NRL.PTCLM4SSp6.0H.L.PL/CMM.surceMods/src.clm/CampyEuseMod.P90 24251 02-72-2017 15:31 NRL.PTCLM4SSp6.0H.L.PL/CMM.surceMods/src.clm/SactionP1 superineursMod.P90 24251 02-72-2017 15:31 NRL.PTCLM4SSp6.0H.L.AL/SurceMods/src.clm/SactionP1 superineursMod.P90 24251 02-72-2017 15:31 NRL.PTCLM4SSp6.0H.L.AL/SurceMods/src.clm/SactionP1 superineursMod.P90 24251 02-72-2017 15:31 NRL.PTCLM4SSp6.0H.L.PL superineursMods/src.clm/SactionP1 superineursMod.P90 24251 01-22-2010	83925	01-04-2018 15.29	NRI PTCIMASSD 4 0IAT AI/GUIVENNAS/SEC CIM/CANONVELUXESMON F90
42361 06-27-2071 15:54 NRL_PTCLM4Sp.G.40LAL/Miser.nl.clm 7958 12-07-2071 15:59 NRL_PTCLM4Sp.G.60LAL/Alver.nl.clm 7958 12-07-2071 15:59 NRL_PTCLM4Sp.G.60LAL/Alver.nl.clm 1151 12-07-2071 15:59 NRL_PTCLM4Sp.G.60LAL/Alver.hanl 1151 10-04-2081 13:37 NRL_PTCLM4Sp.G.60LAL/Alver.hanl 1151 10-04-2081 13:37 NRL_PTCLM4Sp.G.60LAL/Alver.hanl 1254 12-07-2071 15:59 NRL_PTCLM4Sp.G.60LAL/Alver.hanl 14515 12-07-2071 15:59 NRL_PTCLM4Sp.G.60LAL/Alver.hanl 15668 01-04-2081 13:37 NRL_PTCLM4Sp.G.60LAL/Alver.hanl 16683 01-04-2081 13:37 NRLPTCLM4Sp.G.60LAL/Alver.hanl 1701 12-07-2071 15:18 NRLPTCLM4Sp.G.60LAL/Alver.hanl 170 120361 12-07-2071 15:18 NRLPTCLM4Sp.G.60LAL/Alver.hanl 170 1161 16:06 03:18 NRLPTCLM4Sp.G.60LAL/Alver.hanl 170 1171 12-07-2071 15:18 NRLPTCLM4Sp.G.40LAL/SUCCMASp.G.60LAL/Alver.hanl 170 1176 10-20-2081 05:18	29875	09-12-2017 08:35	NR1_PTCLM45sp_4_0LAI_A1/SourceMods/src.clm/CanopyTemperatureMod.F90
1115 12-07-2017 15:59 NRL_PTCLMSSp.6.0LL.Al/vew_archive.xml 6799 01-04-2081 31:37 NRL_PTCLMSSp.6.0LL.Al/vew_batch.xml 15107 01-04-2081 31:37 NRL_PTCLMSSp.6.0LL.Al/vew_batch.xml 15178 01-04-2081 31:37 NRL_PTCLMSSp.6.0LL.Al/vew_batch.xml 15187 01-04-2081 31:37 NRL_PTCLMSSp.6.0LL.Al/vew_mach.ppes.rml 12954 12-07-2017 15:39 NRL_PTCLMSSp.6.0LL.Al/vew_mach.specific.xml 56683 01-04-2081 31:37 NRL_PTCLMSSp.6.0LL.Al/vew_mach.specific.xml 56683 01-04-2081 31:37 NRL_PTCLMSSp.6.0LL.Al/SourceMods/src.clm/CanopyFluxesMod.F90 28975 03-03-2017 23:37 NRL_PTCLMSSp.6.0LL.Al/SourceMods/src.clm/CanopyFluxesMod.F90 28161 02-27-2017 15:53 NRL_PTCLMSSp.6.0LL.Al/SourceMods/src.clm/CanopyFluxesMod.F90 28161 02-27-2017 15:54 NRL_PTCLMSSp.4.0LL.Bl.eaf_set.20.20.0LL 12-07 1171 12-02-2017 01:57 NRL_PTCLMSSp.4.0LL.Bl.eaf_set.20.20.0Lstar.ob/sourceMods/rcc.clm/CanopyFluxesMod.F90 1171 16-02-2017 01:54 NRL_PTCLMSSp.4.0LL.Bl.eaf_set.20.20.0Lstar.ob/sourceMods/rcc.clm/Can.varctl.F90 1171 12-02-2017 01:54 NRL_PTCLMSSp.4.0LL.Bl.eaf_set.20.20.0Lstar.ob/sourceMods/rcc.clm/Can.varctl.F90 1171 16-02-2081 02:34 <td>42361</td> <td>02-27-2017 15:54</td> <td>NR1_PTCLM45sp_4_0LAI_A1/SourceMods/src.clm/FritionVelocityMod.F90</td>	42361	02-27-2017 15:54	NR1_PTCLM45sp_4_0LAI_A1/SourceMods/src.clm/FritionVelocityMod.F90
7958 12-07-2017 15:59 1RL PTCLMSsp.6.0LAL.Al/evv.barchive.xml 6769 01-04-2081 31:37 1RL PTCLMSsp.6.0LAL.Al/evv.bild.xml 11214 12-07-2017 15:39 1RL PTCLMSsp.6.0LAL.Al/evv.cs.ml 2415 12-07-2017 15:39 1RL PTCLMSsp.6.0LAL.Al/evv.cs.ml 3683 01-04-2081 13:37 1RL PTCLMSsp.6.0LAL.Al/evv.cs.ml 3683 01-04-2081 13:37 1RL PTCLMSsp.6.0LAL.Al/evv.cm.xml 3683 05-03-2017 13:13 1RL PTCLMSsp.6.0LAL.Al/SourceMods/src.clm/CanopyFluxesMod.F90 28957 09-12-2017 08:13 1RL PTCLMSsp.6.0LAL.Al/SourceMods/src.clm/PTcitcinveHod.F90 28458 03-03-2017 13:14 RL PTCLMSsp.6.0LAL.Al/SourceMods/src.clm/PTcitcinveHod.F90 28459 03-03-2017 13:14 RL PTCLMSsp.4.0LAL.Bl.CoursentAl/SourceMods/src.clm/CanopyFluxesMod.F90 28451 03-03-2017 13:14 RL PTCLMSsp.4.0LAL.Bl.Leaf.wet.22 noS/sourceMods/src.clm/Can.varct1.F90 28451 03-03-2017 03:13 RL PTCLMSsp.4.0LAL.F2.Cooll.ustar.obs/SourceMods/src.clm/Can.varct1.F90 28316 03-24-2017 05:14 RL PTCLMSsp.4.0LAL.F2.Cooll.ustar.obs/SourceMods/src.clm/Can.varct1.F90 28	1115	12-07-2017 15:59	NR1_PTCLM45sp_6_0LAI_A1/user_nl_clm
no.99 n1-04-2018 15:37 NRLPICH45Sp.0.9.ULA.I/eW.Datch.ML 15117 06-42-2018 15:37 NRLPICH45Sp.0.9.ULA.I/eW.Case.xml 12954 12-07-2017 15:39 NRLPICH45Sp.0.9.ULA.I/eW.case.xml 2415 12-07-2017 15:39 NRLPICH45Sp.0.9.ULA.I/eW.case.xml 2415 12-07-2017 15:39 NRLPICH45Sp.0.9.ULA.I/eW.case.xml 26863 04-2018 15:37 NRLPICH45Sp.0.9.ULA.I/eW.cm.xml 26863 04-2018 15:31 NRLPICH45Sp.0.9.ULA.I/eW.cm.xml 26870 04-32.2017 15:33 NRLPICH45Sp.0.6.ULA.I/SourceMods/src.clm/CimorViceTeterViceTeteVi	7958	12-07-2017 15:59	NR1_PTCLM45sp_6_OLAI_A1/env_archive.xml
1110 01-07-2010 15:59 NRL_PTCLM95p_0.60.AL.Al/env_mach_pes.mll 1254 12-07-2017 15:59 NRL_PTCLM95p_0.60.AL.Al/env_mach_pes.mll 1215 12-07-2017 15:59 NRL_PTCLM95p_0.60.AL.Al/env_mach_pes.mll 1215 12-07-2017 15:59 NRL_PTCLM95p_0.60.AL.Al/env_mach_pes.mll 1215 12-07-2017 15:59 NRL_PTCLM95p_0.60.AL.Al/env_mach_pes.mll 12956 01-02-2017 01:30 NRL_PTCLM95p_0.60.AL.Al/SurceMods/src.clm/finitionVelocityMod.F90 28057 09-12-2017 01:30 NRL_PTCLM95p_0.60.AL.Al/SurceMods/src.clm/finitionVelocityMod.F90 2816 01-02-2017 NRL_PTCLM95p_0.60.AL.Al/SurceMods/src.clm/stritionVelocityMod.F90 1170 12-2027 NRL_PTCLM95p_0.40.AL.BL_leaf_set_02_nos_surar_onDs/sureeral_clm 1166 12-2027 NRL_PTCLM95p_0.40.AL.F2_Cooll_ustar_obs/sureerMods/src.clm/canterployMod.F90 1266 02-2-2027 NRL_PTCLM95p_0.40.AL.F2_Cooll_ustar_obs/SurceMods/src.clm/ritisTisteamMod.F90 1266 02-2-2027 NRL_PTCLM95p_0.40.AL.F2_Cooll_ustar_obs/SurceMods/src.clm/ritisTisteamMod.F90 1266 02-2-2027 NRL_PTCLM95p_0.40.AL.F2_Cooll_ustar_obs/SurceMods/src.clm/ritisTisteamMod.F90 1266 02-2-2027 NRL_PTCLM95p	6709	01-04-2018 13:37	NK1_FICLM45Sp_6_ULAI_AI/env_Datch.xml
5456 12-07-2017 15:59 RELPTCLM45p.66.LLA1/evr.mach.pes.ml. 2415 12-07-2017 15:59 RELPTCLM45p.66.LLA1/evr.mach.appecific.xml 36083 01-04-2018 13:37 NELPTCLM45p.66.LLA1/SourceModS/src.clm/CanopyFluxesMod.F99 28075 04-02-2017 15:34 NELPTCLM45p.66.LLA1/SourceModS/src.clm/CanopyFluxesMod.F99 2816 02-27-2017 15:34 NELPTCLM45p.66.LLA1/SourceModS/src.clm/StritionVelocityMod.F90 28416 03-03-2017 23:36 NELPTCLM45p.46.LLA1/SourceModS/src.clm/StritionVelocityMod.F90 1170 16-21-2017 01:57 NELPTCLM45p.46.LLA1/SourceModS/src.clm/StritionVelocityMod.F90 1170 16-21-2017 01:57 NELPTCLM45p.46.LLA1/E2_cosil_ustar_obs/SourceModS/src.clm/Clm_varc1F90 1171 16-20-2017 01:54 NELPTCLM45p.46.LL72_Cosil_ustar_obs/SourceModS/src.clm/Colm_varc1F90 1339 03-24-2017 10:54 NELPTCLM45p.46.LL72_Cosil_ustar_obs/SourceModS/src.clm/Colm_varc1.F90 14310 03-24-2017 10:54 NELPTCLM45p.46.LL72_Cosil_ustar_obs/SourceModS/src.clm/ContoNel.F90 9346 03-24-2017 10:54 NELPTCLM45p.46.LL2 10:6660	12954	12-07-2017 15:59	NR1 PTCIM45sp 6 0IAT_A1/env case xm]
2415 12-07-2017 15:39 NRL_PTCLM455p_6_0LALAI/sourceMods/src.clm/CanopyFluresMod.F90 28035 06:04-2081 15:31 NRL_PTCLM455p_6_0LALAI/SourceMods/src.clm/CanopyFluresMod.F90 28045 06:04-2081 15:31 NRL_PTCLM455p_6_0LALAI/SourceMods/src.clm/CanopyFluresMod.F90 28045 06:04-2017 23:35 NRL_PTCLM455p_6_0LALAI/SourceMods/src.clm/CanopyTemperatureMod.F90 28043 06:04-2017 23:35 NRL_PTCLM455p_6_0LALAIS_loarceMods/src.clm/CanopyTemperatureMod.F90 28043 06:04-2017 03:35 NRL_PTCLM455p_4_0LALS_loaf_act_0S_Juscr_nl_clm 1171 12-08-2017 09:31 NRL_PTCLM455p_4_0LALS_loaf_act_0S_Juscr_nl_clm 1166 01-80-2018 00:81 NRL_PTCLM455p_4_0LALS_loaf_act_0S_Juscr_nl_clm 7953 12-08-2017 09:33 NRL_PTCLM455p_4_0LALS_loaf_act_0S_Juscr_nl_clm 7954 12-08-2017 09:34 NRL_PTCLM455p_4_0LALS_L2_L2_Soil_ustar_obs/SourceMods/src.clm/ControlMod.F90 42316 02-22-2017 15:34 NRL_PTCLM455p_4_0LALS_L2_Soil_ustar_obs/SourceMods/src.clm/CanoptModeS-P90 1056 09:24-2017 10:34 NRL_PTCLM455p_4_0LALS_L2_Soil_ustar_obs/SourceMods/src.clm/CanoptModeS-P90 1056 01:0-2018 NRL_PTCLM455p_4_	5456	12-07-2017 15:59	NR1_PTCLM45sp_6_0LAI_A1/env_mach_pes.xml
50838 01-04-2018 13:37 NRL_PTCLM455p.6.0LALAI/SourceMods/src.clm/CanopyFluxesMod.F90 20875 09-12-2017 08:35 NRL_PTCLM455p.6.0LALAI/SourceMods/src.clm/CanopyFluxesMod.F90 20876 09-12-2017 08:35 NRL_PTCLM455p.6.0LALAI/SourceMods/src.clm/CanopyTempertureMod.F90 20840 03-03-2017 23:36 NRL_PTCLM455p.6.0LALAI/SourceMods/src.clm/StatellitePhenologyMod.F90 1170 10-21-2017 01:57 NRL_PTCLM455p.6.0LALAI/SourceMods/src.clm/StatellitePhenologyMod.F90 1171 12-08-2017 03:31 NRL_PTCLM455p.4.0LALB0.leaf.wet.02/usor.lobs/user.nl.clm 1166 01-0-2018 08:18 NRL_PTCLM455p.4.0LALE2Leaf.wet.02/cnv.archive.xml etc. 16:560 03-24-2017 10:54 NRL_PTCLM455p.4.0LALF2_Cosil_ustar.obs/SourceMods/src.clm/Canouration.orch/od.F90 42:361 02-27-2017 15:54 NRL_PTCLM455p.4.0LALF2_Cosil_ustar.obs/SourceMods/src.clm/Ustar.mlo.F90 42:361 02-24-2017 10:54 NRL_PTCLM455p.4.0LALF2_Cosil_ustar.obs/SourceMods/src.clm/Ustar.mlo.F90 93:46 01-10-2018 10:34 NRL_PTCLM455p.4.0LALF2_Cosil_ustar.obs/SourceMods/src.clm/Can_Ustar.mlo.F90 93:46 01-10-2018 10:3	2415	12-07-2017 15:59	NR1_PTCLM45sp_6_0LAI_A1/env_mach_specific.xml
8325 61-03-2017 15:31 NRL_PTCLM55p.6.0LAT_AI/SourceMods/src.clm/CanopyTemperatureMod.F90 22361 62-27-2017 15:54 NRL_PTCLM55p.6.0LAT_AI/SourceMods/src.clm/FrictionVelocityMod.F90 1170 10-31-2017 05:30 NRL_PTCLM55p.6.0LAT_AI/SourceMods/src.clm/FrictionVelocityMod.F90 1171 10-21-2017 05:51 NRL_PTCLM55p.4.0LAT_BL_0Lat_BL_ext_ext_02_noS_uster_nL_clm 1168 01-10-2018 06:14 NRL_PTCLM55p.4.0LAT_BL_0Lat_Suster_nL_Suster_nL_clm 1168 01-24-2017 05:54 NRL_PTCLM55p.4.0LAT_BL_Cosil_ustar.obs/SourceMods/src.clm/clm_varctl.F90 42339 03-24-2017 10:54 NRL_PTCLM55p.4.0LAT_F2_Cosil_ustar.obs/SourceMods/src.clm/CutroNdod.F90 42361 02-24-2017 10:54 NRL_PTCLM55p.4.0LAT_F2_Cosil_ustar.obs/SourceMods/src.clm/CutroNdod.F90 1168 01-10-2018 10:54 NRL_PTCLM55p.4.0LAT_F2_Cosil_ustar.obs/SourceMods/src.clm/LotinoVelocityMod.F90 1168 01-2018 10:44 NRL_PTCLM55p.4.0LAT_F2_Cosil_ustar.obs/SourceMods/src.clm/LotinoVelocityMod.F90 1168 01-10-2018 10:44 NRL_PTCLM55p.4.0LAT_G_Lustar.obs_Nog88_Leaf_wet_Cosil08/ew_barc.htm 1168 01-10-2018 11:53 NRL_PTCLM55p.4.0LAT_G_Lustar_bbs_hog88_Leaf_wet_Cosil08/ew_barc.htm	50883	01-04-2018 13:37	NR1_PTCLM45sp_6_0LAI_A1/env_run.xml
2957 09-12-2017 08:15 NRL_PICLMSSS.p0.LAL.A/SourceMods/src.clm/CatopPeriotVyHod.P90 28430 08-03-2017 23:30 NRL_PTCLMSSS.p0.LAL.A/SourceMods/src.clm/SatellitePhenologyHod.P90 1170 16-21-2017 09:15 NRL_PTCLMSSS.p0.LAL.B2.leaf_wet_02/user.nl.clm 1171 12-08-2017 09:15 NRL_PTCLMSSS.p0.LAL.B2.leaf_wet_02/user.nl.clm 1171 12-08-2017 09:18 NRL_PTCLMSSS.p0.LAL.B2.leaf_wet_02/user.nl.clm 7958 12-08-2017 09:23 NRL_PTCLMSSS.p0.LAL.B2.leaf_wet_02/user.nobs/SourceMods/src.clm/clm.varctl.F90 42330 03-24-2017 10:54 NRL_PTCLMSSS.p0.LAL.G2.coil.justar.obs/SourceMods/src.clm/roitNod.F90 42366 03-24-2017 10:54 NRL_PTCLMSSS.p0.LAL.G2.coil.justar.obs/SourceMods/src.clm/roitNod.F90 9346 03-24-2017 10:54 NRL_PTCLMSSS.p0.LAL.G2.coil.justar.obs/SourceMods/src.clm/roitNod.F90 9346 03-24-2017 10:54 NRL_PTCLMSSS.p0.Laustar.obs.hog88.leaf_wet_Csoil86/user_archive.snl 7058 01-10-2018 10:48 NRLPTCLMSSS.p0.Laustar.obs.hog88.leaf_wet_Csoil86/user_archive.snl 7058 01-10-2018 10:24 NRLPTCLMSSS.p0.LAL.G1_Glustar.obs.hog88.leaf_wet_Csoil86/sour_ethods/src.clm/canopYEuxeSMol.F90 <	83925	03-03-2017 15:31	NR1_PTCLM45sp_6_0LAI_A1/SourceMods/src.clm/canopyFluxesMod.F90
101 0.01	29875	09-12-2017 08:35	NR1_PICLM45sp_6_ULA1_A1/SourceMods/src.clm/(anopy/emperatureMod.F90
1170 10 21-2017 01:57 1171 12-08-2017 09:51 NR1_PTCLM45sp_4_0LAT_B0_leaf_wet_02_noS/user_nl_clm 1171 12-08-2017 09:13 NR1_PTCLM45sp_4_0LAT_B2_leaf_wet_02_noS/user_nl_clm 1175 12-08-2017 09:13 NR1_PTCLM45sp_4_0LAT_B2_cosi_Lustar_obs/SourceMods/src.clm/clm_varct1.F90 10550 03-24-2017 10:54 NR1_PTCLM45sp_4_0LAT_F2_Cosi_Lustar_obs/SourceMods/src.clm/clm_varct1.F90 10560 03-24-2017 10:54 NR1_PTCLM45sp_4_0LAT_F2_Cosi_Lustar_obs/SourceMods/src.clm/srctinvelocityMod.F90 1068 01-0-2018 10:54 NR1_PTCLM45sp_4_0LAT_E2_Cosi_Lustar_obs.SourceMods/src.clm/srctinve.ml 10795 01-10-2018 10:54 NR1_PTCLM45sp_4_0LAT_GL_oustar_obs.hog88_leaf_wet_Cosi108/new_nach.pes.xml 1180 01-10-2018 11:53 NR1_PTCLM45sp_4_0LAT_GL_ustar_obs.hog88_leaf_wet_Cosi108/new_nach.pes.xml 11910 01-0-2018 11:53 NR1_PTCLM45sp_4_0LAT_GL_ustar_obs.hog88_leaf_wet_Cosi108/new_nach.pes.xml 11920 01-10-2018 10:24 NR1_PTCLM45sp_4_0LAT_GL_ustar_obs.hog88_leaf_wet_Cosi108/new_nach.pes.xml 11920 10:10-2018 10:24 NR1_PTCLM45sp_4_0LAT_GL_ustar_obs.hog88_leaf_wet_Cosi108/new_nach.pes.xml 11920 10:	28430	03-03-2017 23:36	NR1 PTCIM55p_0_MALAI/SourceMods/stc.clm/fitclitePhenologyMod.F90
<pre>1171 12-08-2017 09:51 NRL_PTCLM45sp_4_0LAL_B2_leaf_wet_02_noS/user_nl_clm 1166 00:18 0.018 NRL_PTCLM45sp_4_0LAL_B2_leaf_wet_02/noS/user_nl_clm 7558 12-08-2017 09:51 NRL_PTCLM45sp_4_0LAL_B2_leaf_wet_02/env_archive.xml etc, etc. 11560 03-24-2017 10:54 NRL_PTCLM45sp_4_0LAL_F2_Csoil_ustar_obs/SourceMods/src.clm/controlMod.F90 42360 03-24-2017 10:54 NRL_PTCLM45sp_4_0LAL_F2_Csoil_ustar_obs/SourceMods/src.clm/victinvPlocityMod.F90 42360 03-24-2017 10:54 NRL_PTCLM45sp_4_0LAL_F2_Csoil_ustar_obs/SourceMods/src.clm/VictinvPlocityMod.F90 9366 03-24-2017 10:54 NRL_PTCLM45sp_4_0LAL_F2_Csoil_ustar_obs/SourceMods/src.clm/VistarTreamMod.F90 9366 03-24-2017 10:54 NRL_PTCLM45sp_4_0LAL_F2_Csoil_ustar_obs/SourceMods/src.clm/VistarTreamMod.F90 1168 01-18-2018 10:48 NRL_PTCLM45sp_4_0LAL_G1_ustar_obs_hog88_leaf_wet_Csoil08/env_archive.xml 6709 01-10-2018 10:24 NRL_PTCLM45sp_4_0LAL_G1_ustar_obs_hog88_leaf_wet_Csoil08/env_batch.xml 15117 01-10-2018 10:24 NRL_PTCLM45sp_4_0LAL_G1_ustar_obs_hog88_leaf_wet_Csoil08/env_batch.xml 15117 01-10-2018 10:24 NRL_PTCLM45sp_4_0LAL_G1_ustar_obs_hog88_leaf_wet_Csoil08/env_batch.xml 15117 01-10-2018 10:24 NRL_PTCLM45sp_4_0LAL_G1_ustar_obs_hog88_leaf_wet_Csoil08/env_mach_pes.rml 15117 01-10-2018 10:24 NRL_PTCLM45sp_4_0LAL_G1_ustar_obs_hog88_leaf_wet_Csoil08/env_mach_pes.rml 15117 01-10-2018 10:24 NRL_PTCLM45sp_4_0LAL_G1_ustar_obs_hog88_leaf_wet_Csoil08/sourceMods/src.clm/CanopyFluxesMod.F90 1168 01-10-2018 10:24 NRL_PTCLM45sp_4_0LAL_G1_ustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/CanopyFluxesMod.F90 20875 09-12-2017 10:54 NRL_PTCLM45sp_4_0LAL_G1_ustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/Clm_driver.F90 2083 03-24-2017 10:54 NRL_PTCLM45sp_4_0LAL_G1_ustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/Clm_driver.F90 2083 03-24-2017 10:54 NRL_PTCLM45sp_4_0LAL_G1_ustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/Clm_driver.F90 2083 03-24-2017 10:54 NRL_PTCLM45sp_4_0LAL_G1_ustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/Clm_driver.F90 2083 03-24-2017 10:54 NRL_PTCLM45sp_4_0LAL_G1_ust</pre>	1170	10-21-2017 01:57	NR1_PTCLM45sp_4_0LAI_B0_leaf_wet_02/user_nl_clm
1166 01-10-2018 00:12 NRL_PTCLM45sp_4_0LAI_B2_leaf_wet_02_nos_ustar_obs/user_nl_clm 17958 12-08-2017 09:23 NRL_PTCLM45sp_4_0LAI_F2_Csoil_ustar_obs/SourceMods/src.clm/clm_varct1.F90 142339 03-24-2017 10:54 NRL_PTCLM45sp_4_0LAI_F2_Csoil_ustar_obs/SourceMods/src.clm/ControlMod.F90 142361 02-22-2017 10:54 NRL_PTCLM45sp_4_0LAI_F2_Csoil_ustar_obs/SourceMods/src.clm/ControlMod.F90 168 01-10-2018 10:54 NRL_PTCLM45sp_4_0LAI_F2_Csoil_ustar_obs/SourceMods/src.clm/StarteramMod.F90 1168 01-10-2018 10:54 NRL_PTCLM45sp_4_0LAI_G1_ustar_obs_hog82_leaf_wet_Csoil088(nov_nchive.xml 6799 01-10-2018 10:24 NRL_PTCLM45sp_4_0LAI_G1_ustar_obs_hog82_leaf_wet_Csoil08/env_batch.xml 15117 01-10-2018 10:24 NRL_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoil08/env_batch.xml 15150 01-10-2018 10:24 NRL_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoil08/env_match_psecific.xml 16200 01-10-2018 10:24 NRL_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoil08/env_match_psecific.xml 15315 01-10-2018 10:24 NRL_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoil08/env_match_psecific.xml 163020 01-10-2018 10:24 NRL_PTCLM45s	1171	12-08-2017 09:51	NR1_PTCLM45sp_4_0LAI_B1_leaf_wet_02_noS/user_nl_clm
7958 12-08-2017 09:23 NRL_PTCLM45sp.4_0LAI_F2_Csoil_ustar_obs/SourceMods/src.clm/clm_varctl.F90 16560 93-24-2017 10:54 NRL_PTCLM45sp.4_0LAI_F2_Csoil_ustar_obs/SourceMods/src.clm/ControlMod.F90 42361 02-27-2017 15:54 NRL_PTCLM45sp.4_0LAI_F2_Csoil_ustar_obs/SourceMods/src.clm/VstarStreamMod.F90 9346 03-24-2017 16:54 NRL_PTCLM45sp.4_0LAI_F2_Csoil_ustar_obs/po88_leaf_wet_Csoil08/user_nl_clm 7958 01-10-2018 10:44 NRL_PTCLM45sp.4_0LAI_GLustar_obs_hog88_leaf_wet_Csoil08/env_archive.xml 6769 01-10-2018 11:53 NRL_PTCLM45sp.4_0LAI_GLustar_obs_hog88_leaf_wet_Csoil08/env_batch.xml 15117 01-10-2018 11:53 NRL_PTCLM45sp.4_0LAI_GLustar_obs_hog88_leaf_wet_Csoil08/env_mach_psecific.xml 1660 01-10-2018 11:53 NRL_PTCLM45sp.4_0LAI_GLustar_obs_hog88_leaf_wet_Csoil08/env_mach_psecific.xml 2415 01-10-2018 11:53 NRL_PTCLM45sp.4_0LAI_GLustar_obs_hog88_leaf_wet_Csoil08/env_mach_psecific.xml 83367 03-24-2017 10:54 NRL_PTCLM45sp.4_0LAI_GLustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/clm_paretureMod.F90 29875 09-12-2017 10:54 NRL_PTCLM45sp.4_0LAI_GLustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/clm_hateleaf_wet_Csoil08/SourceMods/src.clm/clm_hateleaf_wet_Csoil08/SourceMods/src.clm/clm_hateleaf_w	1168	01-10-2018 00:18	NR1_PTCLM45sp_4_0LAI_B2_leaf_wet_02_noS_ustar_obs/user_nl_clm
etc., etc NR1_PTCLM45sp.4_0LAI_F2_Csoil_ustar_obs/SourceMods/src.clm/controlMod.F90 42359 03-24-2017 10:54 NR1_PTCLM45sp.4_0LAI_F2_Csoil_ustar_obs/SourceMods/src.clm/controlMod.F90 42361 02-27-2017 15:54 NR1_PTCLM45sp.4_0LAI_F2_Csoil_ustar_obs/SourceMods/src.clm/UstarStreamMod.F90 9346 03-24-2017 10:54 NR1_PTCLM45sp.4_0LAI_F2_Csoil_ustar_obs/Dog82.teaf_wet_Csoil08/src.clm/UstarStreamMod.F90 1168 01-0-2018 10:24 NR1_PTCLM45sp.4_0LAI_GLustar_obs.hog82.teaf_wet_Csoil08/sure_rhive.xml 6709 01-10-2018 11:53 NR1_PTCLM45sp.4_0LAI_GLustar_obs.hog88.teaf_wet_Csoil08/env_batch.xml 15117 01-10-2018 10:24 NR1_PTCLM45sp.4_0LAI_GLustar_obs.hog88.teaf_wet_Csoil08/env_mach_pees.xml 5456 01-10-2018 10:24 NR1_PTCLM45sp.4_0LAI_GLustar_obs.hog88.teaf_wet_Csoil08/env_mach_specific.xml 58838 01-10-2018 10:24 NR1_PTCLM45sp.4_0LAI_GLustar_obs.hog88.teaf_wet_Csoil08/sourceMods/src.clm/CanopyFluxesMod.F90 29875 09-12-2017 10:54 NR1_PTCLM45sp.4_0LAI_GLustar_obs.hog88.teaf_wet_Csoil08/sourceMods/src.clm/CanopyFluxesMod.F90 29875 09-12-2017 10:54 NR1_PTCLM45sp.4_0LAI_GLustar_obs.hog88.teaf_wet_Csoil08/SourceMods/src.clm/CanopyFluxesMod.F90 29875 09-12-2017 <t< td=""><td>7958</td><td>12-08-2017 09:23</td><td>NR1_PTCLM45sp_4_0LAI_B0_leaf_wet_02/env_archive.xml</td></t<>	7958	12-08-2017 09:23	NR1_PTCLM45sp_4_0LAI_B0_leaf_wet_02/env_archive.xml
10306 03-24-2017 10:54 NRL_PTCLM45p_4_0LAT_F2_Csoil_ustar_obs/SourceMods/src.clm/controlMod.F90 42350 02-27-2017 15:54 NRL_PTCLM45p_4_0LAT_F2_Csoil_ustar_obs/SourceMods/src.clm/CritoTvelocityMod.F90 9346 03-24-2017 10:54 NRL_PTCLM45p_4_0LAT_F2_Csoil_ustar_obs/SourceMods/src.clm/DistarStreamMod.F90 1168 01-10-2018 10:54 NRL_PTCLM45p_4_0LAT_G1_ustar_obs_hog88_leaf_wet_Csoil08/user_nl_clm 6709 01-10-2018 11:53 NRL_PTCLM45p_4_0LAT_G1_ustar_obs_hog88_leaf_wet_Csoil08/env_batch.xml 15117 01-10-2018 11:53 NRL_PTCLM45p_4_0LAT_G1_ustar_obs_hog88_leaf_wet_Csoil08/env_batch.xml 13020 01-10-2018 10:24 NRL_PTCLM45p_4_0LAT_G1_ustar_obs_hog88_leaf_wet_Csoil08/env_case.xml 5456 01-10-2018 10:24 NRL_PTCLM45p_4_0LAT_G1_ustar_obs_hog88_leaf_wet_Csoil08/env_mach_pes.xml 2415 01-2018 10:24 NRL_PTCLM45p_4_0LAT_G1_ustar_obs_hog88_leaf_wet_Csoil08/src.clm/CanopyFluxesMod.F90 83367 03-24-2017 10:54 NRL_PTCLM45p_4_0LAT_G1_ustar_obs_hog88_leaf_wet_Csoil08/src.clm/CanopyTemperatureMod.F90 92085 09-12-2017 10:54 NRL_PTCLM45p_4_0LAT_G1_ustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/CanopyTemperatureMod.F90 92085 09-12-2017	etc, 16560	etc. 03_24_2017 10.54	NR1 RTCIM45cp 4 014T F2 (soil ustar obs/SourceMods/crc.clm/clm usrct) F00
42361 02-27-2017 15:54 NR1_PTCLM45sp_4_0LAT_F2_Csoil_ustar_obs/SourceMods/src.clm//ErictionVelocityMod.F90 9346 03-24-2017 10:54 NR1_PTCLM45sp_4_0LAT_F2_Csoil_ustar_obs/SourceMods/src.clm/UstarStreamMod.F90 91168 01-10-2018 10:24 NR1_PTCLM45sp_4_0LAT_G1_ustar_obs_hog88_leaf_wet_Csoil08/env_archive.xml 6709 01-10-2018 10:24 NR1_PTCLM45sp_4_0LAT_G1_ustar_obs_hog88_leaf_wet_Csoil08/env_batch.xml 15117 01-10-2018 10:24 NR1_PTCLM45sp_4_0LAT_G1_ustar_obs_hog88_leaf_wet_Csoil08/env_batch.xml 15102 01-10-2018 10:24 NR1_PTCLM45sp_4_0LAT_G1_ustar_obs_hog88_leaf_wet_Csoil08/env_mach_pes.xml 16456 01-10-2018 10:24 NR1_PTCLM45sp_4_0LAT_G1_ustar_obs_hog88_leaf_wet_Csoil08/env_mach_pes.xml 2415 01-10-2018 10:24 NR1_PTCLM45sp_4_0LAT_G1_ustar_obs_hog88_leaf_wet_Csoil08/sourceMods/src.clm/CanopyFluxesMod.F90 8387 03-24-2017 10:54 NR1_PTCLM45sp_4_0LAT_G1_ustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/CanopyFluxesMod.F90 29875 09-12-2017 10:54 NR1_PTCLM45sp_4_0LAT_G1_ustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/CanopyFluxesMod.F90 29875 09-12-2017 10:54 NR1_PTCLM45sp_4_0LAT_G1_ustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/canopyFluxesMod.F90 <tr< td=""><td>42339</td><td>03-24-2017 10:54</td><td>NR1 PTCLM455p 4 0LAI F2 Csoil ustar obs/SourceMods/src.clm/controlMod.F90</td></tr<>	42339	03-24-2017 10:54	NR1 PTCLM455p 4 0LAI F2 Csoil ustar obs/SourceMods/src.clm/controlMod.F90
9346 03-24-2017 10:54 NRLPTCLM45sp_4.0LAI_F2_coil_ustar_obs_hog88_leaf_wet_coil08/user_nl_clm 9795 01-10-2018 10:24 NRLPTCLM45sp_4.0LAI_G1_ustar_obs_hog88_leaf_wet_coil08/env_archive.xml 6709 01-10-2018 11:53 NRLPTCLM45sp_4.0LAI_G1_ustar_obs_hog88_leaf_wet_coil08/env_batch.xml 15117 01-10-2018 11:53 NRLPTCLM45sp_4.0LAI_G1_ustar_obs_hog88_leaf_wet_coil08/env_mach_pes.xml 13020 01-10-2018 10:24 NRLPTCLM45sp_4.0LAI_G1_ustar_obs_hog88_leaf_wet_coil08/env_mach_pes.xml 5455 01-10-2018 10:24 NRLPTCLM45sp_4.0LAI_G1_ustar_obs_hog88_leaf_wet_coil08/env_mach_pes.xml 2415 01-10-2018 10:24 NRLPTCLM45sp_4.0LAI_G1_ustar_obs_hog88_leaf_wet_coil08/env_mach_pes.xml 35683 01-10-2018 10:24 NRLPTCLM45sp_4.0LAI_G1_ustar_obs_hog88_leaf_wet_coil08/SourceMods/src.clm/CanopyFluxesMod.F90 29875 09-12-2017 10:54 NRLPTCLM45sp_4.0LAI_G1_ustar_obs_hog88_leaf_wet_coil08/SourceMods/src.clm/canopyFluxesMod.F90 29875 09-12-2017 10:54 NRLPTCLM45sp_4.0LAI_G1_ustar_obs_hog88_leaf_wet_coil08/SourceMods/src.clm/clm_varcn.F90 29878 09-24-2017 10:54 NRLPTCLM45sp_4.0LAI_G1_ustar_obs_hog88_leaf_wet_coil08/SourceMods/src.clm/clm_varcn.F90 29878 09-24-2017 <td>42361</td> <td>02-27-2017 15:54</td> <td>NR1_PTCLM45sp_4_0LAI_F2_Csoil_ustar_obs/SourceMods/src.clm/FrictionVelocityMod.F90</td>	42361	02-27-2017 15:54	NR1_PTCLM45sp_4_0LAI_F2_Csoil_ustar_obs/SourceMods/src.clm/FrictionVelocityMod.F90
1168 01-10-2018 10:48 NR1_PTCLM45sp.4_0LAT_G1_ustar_obs_hog88_leaf_wet_Csoi108/user_nl_chm 7058 01-10-2018 11:53 NR1_PTCLM45sp.4_0LAT_G1_ustar_obs_hog88_leaf_wet_Csoi108/env_batch.xml 15117 01-10-2018 11:53 NR1_PTCLM45sp.4_0LAT_G1_ustar_obs_hog88_leaf_wet_Csoi108/env_batch.xml 15120 01-10-2018 10:24 NR1_PTCLM45sp.4_0LAT_G1_ustar_obs_hog88_leaf_wet_Csoi108/env_mach_pse.xml 5456 01-10-2018 10:24 NR1_PTCLM45sp.4_0LAT_G1_ustar_obs_hog88_leaf_wet_Csoi108/env_mach_pse.xml 2415 01-10-2018 11:53 NR1_PTCLM45sp.4_0LAT_G1_ustar_obs_hog88_leaf_wet_Csoi108/env_mach_pse.tml 83387 03-24-2017 10:54 NR1_PTCLM45sp.4_0LAT_G1_ustar_obs_hog88_leaf_wet_Csoi108/sourceMods/src.clm/CanopyFluxesMod.F90 29875 09-12-2017 10:54 NR1_PTCLM45sp.4_0LAT_G1_ustar_obs_hog88_leaf_wet_Csoi108/SourceMods/src.clm/Clm_driver.F90 29883 03-24-2017 10:54 NR1_PTCLM45sp.4_0LAT_G1_ustar_obs_hog88_leaf_wet_Csoi108/SourceMods/src.clm/Clm_ustar_F90 18255 09-17-2017 10:54 NR1_PTCLM45sp.4_0LAT_G1_ustar_obs_hog88_leaf_wet_Csoi108/SourceMods/src.clm/Clm_ustar_F90 29883 03-24-2017 10:54 NR1_PTCLM45sp.4_0LAT_G1_ustar_obs_hog88_leaf_wet_Csoi108/SourceMods/src.clm/clm_ustar_F90 18255 </td <td>9346</td> <td>03-24-2017 10:54</td> <td>NR1_PTCLM45sp_4_0LAI_F2_Csoil_ustar_obs/SourceMods/src.clm/UstarStreamMod.F90</td>	9346	03-24-2017 10:54	NR1_PTCLM45sp_4_0LAI_F2_Csoil_ustar_obs/SourceMods/src.clm/UstarStreamMod.F90
<pre>7958 01-10-2018 10:24 NRL_PTCLM4Ssp_4_0LAI_GL_ustar_obs_hog8&_leaf_wet_Csoi108/env_archive.xml 6709 01-10-2018 11:53 NRL_PTCLM4Ssp_4_0LAI_GL_ustar_obs_hog8&_leaf_wet_Csoi108/env_batch.xml 13020 01-10-2018 10:24 NRL_PTCLM4Ssp_4_0LAI_GL_ustar_obs_hog8&_leaf_wet_Csoi108/env_case.xml 5415 01-10-2018 10:24 NRL_PTCLM4Ssp_4_0LAI_GL_ustar_obs_hog8&_leaf_wet_Csoi108/env_mach_pes.xml 2415 01-10-2018 10:24 NRL_PTCLM4Ssp_4_0LAI_GL_ustar_obs_hog8&_leaf_wet_Csoi108/env_mach_pes.xml 50883 01-10-2018 10:24 NRL_PTCLM4Ssp_4_0LAI_GL_ustar_obs_hog8&_leaf_wet_Csoi108/env_mach_pes.xml 50883 01-10-2018 10:24 NRL_PTCLM4Ssp_4_0LAI_GL_ustar_obs_hog8&_leaf_wet_Csoi108/sourceMods/src.clm/CanopyFluxesMod.F90 29875 09-12-2017 08:35 NRL_PTCLM4Ssp_4_0LAI_GL_ustar_obs_hog8&_leaf_wet_Csoi108/SourceMods/src.clm/CanopyFluxesMod.F90 29883 03-24-2017 10:54 NRL_PTCLM4Ssp_4_0LAI_GL_ustar_obs_hog8&_leaf_wet_Csoi108/SourceMods/src.clm/Clm_driver.F90 20883 03-24-2017 10:54 NRL_PTCLM4Ssp_4_0LAI_GL_ustar_obs_hog8&_leaf_wet_Csoi108/SourceMods/src.clm/clm_varcon.F90 16560 03-24-2017 10:54 NRL_PTCLM4Ssp_4_0LAI_GL_ustar_obs_hog8&_leaf_wet_Csoi108/SourceMods/src.clm/clm_varcon.F90 16560 03-24-2017 10:54 NRL_PTCLM4Ssp_4_0LAI_GL_ustar_obs_hog8&_leaf_wet_Csoi108/SourceMods/src.clm/clm_varcon.F90 16560 03-24-2017 10:54 NRL_PTCLM4Ssp_4_0LAI_GL_ustar_obs_hog8&_leaf_wet_Csoi108/SourceMods/src.clm/clm_varcon.F90 16560 03-24-2017 10:54 NRL_PTCLM4Ssp_4_0LAI_GL_ustar_obs_hog8&_leaf_wet_Csoi108/SourceMods/src.clm/controlMod.F90 44971 08-09-2017 22:49 NRL_PTCLM4Ssp_4_0LAI_GL_ustar_obs_hog8&_leaf_wet_Csoi108/SourceMods/src.clm/controlMod.F90 193687 03-24-2017 10:54 NRL_PTCLM4Ssp_4_0LAI_GL_ustar_obs_hog8&_leaf_wet_Csoi108/SourceMods/src.clm/CumvarCl.F90 193687 03-24-2017 10:54 glade/u/home/sean/clm50/./components/clm/bld/CLMBuildNamelist_obs_ustar.mp 19329 03-03-2017 10:54 glade/u/home/sean/clm50/./components/clm/bld/LMBuildNamelist_orginal.pm 19367 03-24-2017 10:54 glade/u/home/sean/clm50/./components/clm/bld/namelist_files/namelist_definition_clm4_5_mod_ustar.xm 19369</pre>	1168	01-10-2018 10:48	NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoil08/user_nl_clm
<pre>0/09 01-10-2018 11:33 NRLFTCLM4Sp_4_0LAL_G1_ustar_obs_hog8&_leaf_wet_Csoil08/env_build.xml 13020 01-10-2018 10:24 NRLFTCLM4Sp_4_0LAL_G1_ustar_obs_hog8&_leaf_wet_Csoil08/env_anch_pes.xml 5456 01-10-2018 10:24 NRLFTCLM4Sp_4_0LAL_G1_ustar_obs_hog8&_leaf_wet_Csoil08/env_mach_pescific.xml 50883 01-10-2018 11:53 NRLFTCLM4Sp_4_0LAL_G1_ustar_obs_hog8&_leaf_wet_Csoil08/env_mach_pescific.xml 83387 03-24-2017 10:54 NRLFTCLM4Sp_4_0LAL_G1_ustar_obs_hog8&_leaf_wet_Csoil08/env_mach_pescific.clm/CanopyFumperatureMod.F90 29875 09-12-2017 80:53 NRLFTCLM4Sp_4_0LAL_G1_ustar_obs_hog8&_leaf_wet_Csoil08/sourceMods/src.clm/CanopyFumperatureMod.F90 18255 09-17-2017 10:54 NRLFTCLM4Sp_4_0LAL_G1_ustar_obs_hog8&_leaf_wet_Csoil08/SourceMods/src.clm/clm_initializeMod.F90 18255 09-17-2017 10:54 NRLFTCLM4Sp_4_0LAL_G1_ustar_obs_hog8&_leaf_wet_Csoil08/SourceMods/src.clm/clm_initializeMod.F90 18255 09-17-2017 10:54 NRLFTCLM4Sp_4_0LAL_G1_ustar_obs_hog8&_leaf_wet_Csoil08/SourceMods/src.clm/clm_varcon.F90 18259 03-24-2017 10:54 NRLFTCLM4Sp_4_0LAL_G1_ustar_obs_hog8&_leaf_wet_Csoil08/SourceMods/src.clm/clm_varcon.F90 18259 03-24-2017 10:54 NRLFTCLM4Sp_4_0LAL_G1_ustar_obs_hog8&_leaf_wet_Csoil08/SourceMods/src.clm/clm_varcon.F90 193687 03-24-2017 10:54 NRLFTCLM4Sp_4_0LAL_G1_ustar_obs_hog8&_leaf_wet_Csoil08/SourceMods/src.clm/clm_varcon.F90 193687 03-24-2017 10:54 NRLFTCLM4Sp_4_0LAL_G1_ustar_obs_hog8&_leaf_wet_Csoil08/SourceMods/src.clm/controlMod.F90 193687 03-24-2017 10:54 NRLFTCLM4Sp_4_0LAL_G1_ustar_obs_hog8&_leaf_wet_Csoil08/SourceMods/src.clm/controlMod.F90 193687 03-24-2017 10:54 NRLFTCLM4Sp_4_0LAL_G1_ustar_obs_hog8&_leaf_wet_Csoil08/SourceMods/src.clm/clm_varct1.F90 193687 03-24-2017 10:54 NRLFTCLM4Sp_4_0LAL_G1_ustar_obs_hog8&_leaf_wet_Csoil08/SourceMods/src.clm/clm_varct1.F90 193687 03-24-2017 10:54 NRLFTCLM4Sp_4_0LAL_G1_ustar_obs_hog8&_leaf_wet_Csoil08/SourceMods/src.clm/clm_varct1.F90 193687 03-24-2017 10:54 INTTCLM4Sp_4_0LAL_G1_ustar_obs_hog8&_leaf_wet_Csoil08/SourceMods/src.clm/clm_varct1.F90 193687 03-24-2017 10:54 INTTCLM4Sp_4_0LAL_G1_</pre>	7958	01-10-2018 10:24	NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoil08/env_archive.xml
<pre>1311/ 01.10.2018 10:24 NRLPTCLM45sp_4_0LAT_GL_ustar_obs_hog8&_leaf_wet_Csoi108/env_mach_pes.xml 5456 01-10-2018 10:24 NRLPTCLM45sp_4_0LAT_GL_ustar_obs_hog8&_leaf_wet_Csoi108/env_mach_pes.xml 2415 01-10-2018 10:24 NRLPTCLM45sp_4_0LAT_GL_ustar_obs_hog8&_leaf_wet_Csoi108/env_mach_pes.xml 2415 01-10-2018 11:33 NRLPTCLM45sp_4_0LAT_GL_ustar_obs_hog8&_leaf_wet_Csoi108/env_run.xml 83387 03-24-2017 10:54 NRLPTCLM45sp_4_0LAT_GL_ustar_obs_hog8&_leaf_wet_Csoi108/sourceMods/src.clm/clmopyTemperatureMod.F90 29875 09-12-2017 08:35 NRLPTCLM45sp_4_0LAT_GL_ustar_obs_hog8&_leaf_wet_Csoi108/SourceMods/src.clm/clm_driver.F90 29883 03-24-2017 10:54 NRLPTCLM45sp_4_0LAT_GL_ustar_obs_hog8&_leaf_wet_Csoi108/SourceMods/src.clm/clm_uritializeMod.F90 18255 09-12-2017 10:54 NRLPTCLM45sp_4_0LAT_GL_ustar_obs_hog8&_leaf_wet_Csoi108/SourceMods/src.clm/clm_uritializeMod.F90 18255 09-17-2017 10:54 NRLPTCLM45sp_4_0LAT_GL_ustar_obs_hog8&_leaf_wet_Csoi108/SourceMods/src.clm/clm_varcon.F90 18256 03-24-2017 10:54 NRLPTCLM45sp_4_0LAT_GL_ustar_obs_hog8&_leaf_wet_Csoi108/SourceMods/src.clm/clm_varcon.F90 18256 03-24-2017 10:54 NRLPTCLM45sp_4_0LAT_GL_ustar_obs_hog8&_leaf_wet_Csoi108/SourceMods/src.clm/clm_varcon.F90 18256 03-24-2017 10:54 NRLPTCLM45sp_4_0LAT_GL_ustar_obs_hog8&_leaf_wet_Csoi108/SourceMods/src.clm/clm_varcon.F90 18256 03-24-2017 10:54 NRLPTCLM45sp_4_0LAT_GL_ustar_obs_hog8&_leaf_wet_Csoi108/SourceMods/src.clm/clm_varcon.F90 18257 03-24-2017 10:54 NRLPTCLM45sp_4_0LAT_GL_ustar_obs_hog8&_leaf_wet_Csoi108/SourceMods/src.clm/Clm_VotarStreamMod.F90 18269 03-24-2017 10:54 NRLPTCLM45sp_4_0LAT_GL_ustar_obs_hog8&_leaf_wet_Soi108/SourceMods/src.clm/DidxtarStreamMod.F90 193687 03-24-2017 10:54 NRLPTCLM45sp_4_0LAT_GL_ustar_obs_hog8&_leaf_wet_Soi108/SourceMods/src.clm/ClmStarStreamMod.F90 193687 03-24-2017 10:54 NRLPTCLM45sp_4_0LAT_GL_ustar_obs_hog8&_leaf_wet_Soi108/SourceMods/src.clm/DidxtarStreamMod.F90 193687 03-24-2017 10:54 NRLPTCLM45sp_4_0LAT_GL_ustar_obs_hog8&_leaf_wet_Soi108/SourceMods/src.clm/StarStreamMod.F90 193687 03-24-2017 10:54 NRLPTCL</pre>	15117	01-10-2018 11:55	NR1_FICHM45sp_4_0LAI_GI_USLAF_ODS_NOG00_LeaT_Wel_CSOIl00/eHV_Datch.xml
5456 01-10-2018 10:24 NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoil08/env_mach_pes.xml 2415 01-10-2018 10:24 NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoil08/env_mach_specific.xml 50838 01-10-2018 11:53 NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/CanopyFluxesMod.F90 29875 09-12-2017 08:35 NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/CanopyTemperatureMod.F90 74761 03-24-2017 10:54 NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/clm_driver.F90 290838 03-24-2017 10:54 NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/clm_varcon.F90 16556 03-24-2017 10:54 NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/clm_varctl.F90 42339 03-24-2017 10:54 NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/controlMod.F90 9366 03-24-2017 10:54 NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/controlMod.F90 9367 03-24-2017 10:54 NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/controlMod.F90 9368 03-24-2017 10:54 NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_h	13020	01-10-2018 10:24	NR1 PTCLM455b 4 0LAI G1 ustar obs hog80 leaf wet Csoil08/env case.xml
241501-10-201810:24NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoil08/env_mach_specific.xml5088301-10-201811:53NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoil08/env_run.xml8338703-24-201710:54NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/CanopyFluxesMod.F902987509-12-201708:35NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/CanopyTemperatureMod.F907476103-24-201710:54NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/clm_driver.F902908303-24-201710:54NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/clm_driver.F901825509-17-201714:14NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/clm_varcon.F901656003-24-201710:54NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/controlMdd.F904233903-24-201710:54NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/controlMdd.F90934603-24-201710:54NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/controlMdd.F90934603-24-201710:54NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/controlMdd.F90934603-24-201710:54NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/clm/chm/csen/clm/s0/./components/clm/bld/CLMBuildNamelist_obs_ustar.rm936803-24-201710:54NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/clm/s0/LMSU <td>5456</td> <td>01-10-2018 10:24</td> <td>NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoil08/env_mach_pes.xml</td>	5456	01-10-2018 10:24	NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoil08/env_mach_pes.xml
50883 01-10-2018 11:53 NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog8&leaf_wet_Csoil08/sourceMods/src.clm/CanopyFluxesMod.F90 20875 09-12-2017 08:35 NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog8&leaf_wet_Csoil08/SourceMods/src.clm/CanopyTemperatureMod.F90 20883 03-24-2017 10:54 NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog8&leaf_wet_Csoil08/SourceMods/src.clm/clm_driver.F90 20983 03-24-2017 10:54 NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog8&leaf_wet_Csoil08/SourceMods/src.clm/clm_unitializeMod.F90 18255 09-17-2017 14:14 NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog8&leaf_wet_Csoil08/SourceMods/src.clm/clm_varcto.F90 18255 09-24-2017 10:54 NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog8&leaf_wet_Csoil08/SourceMods/src.clm/cntrut.r90 42339 03-24-2017 10:54 NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog8&leaf_wet_Csoil08/SourceMods/src.clm/FrictionVelocityMod.F90 9346 03-24-2017 10:54 NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog8&leaf_wet_Csoil08/SourceMods/src.clm/FrictionVelocityMod.F90 9346 03-24-2017 10:54 NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog8&leaf_wet_Csoil08/SourceMods/src.clm/Sot.clm/Sot.clm/Sot.clm/Sot.components/clm/bld/CLMBuildNamelist_obs_sourceMods/src.clm/Sot.clm	2415	01-10-2018 10:24	<pre>NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoil08/env_mach_specific.xml</pre>
8536/95-24-201710:54NKL_FICLM45Sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoi108/SourceMods/src.clm/CanopyFluxesMod.F902987509-12-201710:54NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoi108/SourceMods/src.clm/clm_driver.F902908303-24-201710:54NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoi108/SourceMods/src.clm/clm_uritializeMod.F901825509-17-201714:14NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoi108/SourceMods/src.clm/clm_varcon.F901656003-24-201710:54NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoi108/SourceMods/src.clm/clm_varct1.F904233903-24-201710:54NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoi108/SourceMods/src.clm/FrictionVelocityMod.F90934603-24-201710:54NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoi108/SourceMods/src.clm/FrictionVelocityMod.F90934603-24-201710:54NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoi108/SourceMods/src.clm/FrictionVelocityMod.F90934603-24-201710:54glade/u/home/sean/clm50/./components/clm/bld/CLMBuildNamelist_obs_ustar.pm19232903-32-4201710:54glade/u/home/sean/clm50/./components/clm/bld/CLMBuildNamelist_obs_ustar.pm19368703-24-201710:54glade/u/home/sean/clm50/./components/clm/bld/namelist_files/namelist_definition_clm4_5_mod_ustar.xm19368703-24-201710:54glade/u/home/sean/clm50/./components/clm/bld/namelist_files/namelist_definition_clm4_5_mod_ustar.xm19368703-24-201710:54glade/u/home/sean/clm50/./components/clm/bld/namelist_files/namelist_definition_clm4_5_mod_ustar	50883	01-10-2018 11:53	NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoil08/env_run.xml
2507509-12-201709-10NR1_PTCLM455p_4_0LAI_G1_ustar_obs_hog8a_leaf_wet_Csoil08/SourceMods/src.clm/clm_driver.F907476103-24-201710:54NR1_PTCLM455p_4_0LAI_G1_ustar_obs_hog8a_leaf_wet_Csoil08/SourceMods/src.clm/clm_initializeMod.F901825509-17-201714:14NR1_PTCLM455p_4_0LAI_G1_ustar_obs_hog8a_leaf_wet_Csoil08/SourceMods/src.clm/clm_varcon.F901656003-24-201710:54NR1_PTCLM455p_4_0LAI_G1_ustar_obs_hog8a_leaf_wet_Csoil08/SourceMods/src.clm/clm_varct1.F904233903-24-201710:54NR1_PTCLM455p_4_0LAI_G1_ustar_obs_hog8a_leaf_wet_Csoil08/SourceMods/src.clm/clm_varct1.F904497108-09-201722:49NR1_PTCLM455p_4_0LAI_G1_ustar_obs_hog8a_leaf_wet_Csoil08/SourceMods/src.clm/Clm_varct1.F90934603-24-201710:54NR1_PTCLM455p_4_0LAI_G1_ustar_obs_hog8a_leaf_wet_Csoil08/SourceMods/src.clm/Clm_varct1.F90934603-24-201710:54glade/u/home/sean/clm50/./components/clm/bld/CLMBuildNamelist_obs_ustar.pm19329203-03-201710:54glade/u/home/sean/clm50/./components/clm/bld/CLMBuildNamelist_obs_ustar.pm19368703-24-201710:54glade/u/home/sean/clm50/./components/clm/bld/namelist_files/namelist_definition_clm4_5_mod_ustar.xm19368703-24-201710:54glade/u/home/sean/clm50/./components/clm/bld/namelist_files/namelist_definition_clm4_5_mod_ustar.xm19368703-24-201710:54glade/u/home/sean/clm50/./components/clm/bld/namelist_files/namelist_definition_clm4_5_mod_ustar.xm19368703-24-201710:54glade/u/home/sean/clm50/./components/clm/bld/namelist_files/namelist_definition_clm4_5_mod_ustar.xm1	83387	W3-24-2W1/ 10:54	NKL_FICLm45sp_4_WLAL_GL_USTAT_ODS_DOg8&_Leat_wet_Csoll80/SourceModS/src.clm/CanopyFluxesMod.F90 NPL DTCIM45cp_4_0LAL_GL_USTAT_ODS_Dog80_Loaf_wat_Csoll80/SourceModS/src.clm/CanopyFluxesMod.F90
2008303-24-201701:54NRL_PTCLM45sp_4_0LAI_Gl_ustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/clm_uitalizeMod.F901825509-17-201714:14NRL_PTCLM45sp_4_0LAI_Gl_ustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/clm_varcon.F901656003-24-201710:54NRL_PTCLM45sp_4_0LAI_Gl_ustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/clm_varcot.F904233903-24-201710:54NRL_PTCLM45sp_4_0LAI_Gl_ustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/FictionVelocityMod.F90934603-24-201710:54NRL_PTCLM45sp_4_0LAI_Gl_ustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/FictionVelocityMod.F90934603-24-201710:54glade/u/home/sean/clm50/./components/clm/bld/CLMBuildNamelist_obs_ustar.pm19232903-03-201710:54glade/u/home/sean/clm50/./components/clm/bld/CLMBuildNamelist_obs_ustar.pm19368703-24-201710:54glade/u/home/sean/clm50/./components/clm/bld/CLMBuildNamelist_obs_ustar.pm19322903-03-201710:54glade/u/home/sean/clm50/./components/clm/bld/namelist_files/namelist_definition_clm4_5_mod_ustar.xm8949303-03-201710:54glade/u/home/sean/clm50/./components/clm/bld/namelist_files/namelist_definition_clm4_5_original.xml9091003-24-201710:54glade/u/home/sean/clm50/./components/clm/bld/namelist_files/namelist_definition_clm4_5_original.xml9091003-24-201710:54glade/u/home/sean/clm50/./components/clm/bld/namelist_files/namelist_definition_clm4_5_original.xml9091003-24-201710:54glade/u/home/sean/clm50/./components/clm/bld/namelist_files/namelist_definition_clm4_5_original.xml	23075	03-24-2017 10.55	NRI PTCIM45en 4 OlAT GI Ustar obs hoogs leaf wet Csoil@/SourceMode/src clm/clm/driver FGG
1825509-17-201714:14NRL_PTCLM45sp_4_0LAI_G1_ustar_obs_hog8&leaf_wet_Csoil08/SourceMods/src.clm/clm_varcon.F901656003-24-201710:54NRL_PTCLM45sp_4_0LAI_G1_ustar_obs_hog8&leaf_wet_Csoil08/SourceMods/src.clm/clm_varcot.F904233903-24-201710:54NRL_PTCLM45sp_4_0LAI_G1_ustar_obs_hog8&leaf_wet_Csoil08/SourceMods/src.clm/CnotrolMod.F904497108-09-201722:49NRL_PTCLM45sp_4_0LAI_G1_ustar_obs_hog8&leaf_wet_Csoil08/SourceMods/src.clm/UstarStreamMod.F90934603-24-201710:54NRL_PTCLM45sp_4_0LAI_G1_ustar_obs_hog8&leaf_wet_Csoil08/SourceMods/src.clm/UstarStreamMod.F9019368703-24-201710:54glade/u/home/sean/clm50/./components/clm/bld/CLMBuildNamelist_obs_ustar.pm19232903-03-201710:38glade/u/home/sean/clm50/./components/clm/bld/CLMBuildNamelist_original.pm19368703-24-201710:54glade/u/home/sean/clm50/./components/clm/bld/CLMBuildNamelist_original.pm19368703-24-201710:54glade/u/home/sean/clm50/./components/clm/bld/namelist_files/namelist_definition_clm4_5_mod_ustar.xm19368703-24-201710:54glade/u/home/sean/clm50/./components/clm/bld/namelist_files/namelist_definition_clm4_5_mod_ustar.xm19368703-24-201710:54glade/u/home/sean/clm50/./components/clm/bld/namelist_files/namelist_definition_clm4_5_mod_ustar.xm19368703-24-201710:54glade/u/home/sean/clm50/./components/clm/bld/namelist_files/namelist_definition_clm4_5_mod_ustar.xm19368703-24-201710:54glade/u/home/sean/clm50/./components/clm/bld/namelist_files/namelist_definition_clm4_5_mod_ustar.xm193687 <td>29083</td> <td>03-24-2017 10:54</td> <td>NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/clm_initializeMod.F90</td>	29083	03-24-2017 10:54	NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/clm_initializeMod.F90
1656003-24-201710:54NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/cntrolMod.F904233903-24-201710:54NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/FrictionVelocityMod.F90934603-24-201710:54NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/UstarStreamMod.F9019368703-24-201710:54NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/UstarStreamMod.F9019368703-24-201710:54glade/u/home/sean/clm50/./components/clm/bld/CLMBuildNamelist_obs_ustar.pm19232903-03-201710:38glade/u/home/sean/clm50/./components/clm/bld/CLMBuildNamelist_original.pm19368703-24-201710:54glade/u/home/sean/clm50/./components/clm/bld/CLMBuildNamelist_original.pm19368703-24-201710:54glade/u/home/sean/clm50/./components/clm/bld/CLMBuildNamelist_original.pm19368703-24-201710:54glade/u/home/sean/clm50/./components/clm/bld/LMBuildNamelist_original.pm19368703-24-201710:54glade/u/home/sean/clm50/./components/clm/bld/namelist_files/namelist_definition_clm4_5_mod_ustar.xm8949303-03-201710:54glade/u/home/sean/clm50/./components/clm/bld/namelist_files/namelist_definition_clm4_5.xml9091003-24-201710:54glade/u/home/sean/clm50/./components/clm/bld/namelist_files/namelist_defaults_clm4_5.xml15701504-12-201715:10glade/u/home/sean/clm50/./components/clm/bld/namelist_files/namelist_defaults_clm4_5_tools.xml15701504-12-201710:38glade/u/home/sean/	18255	09-17-2017 14:14	NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/clm_varcon.F90
4233903-24-201710:54NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/ControlMod.F904497108-09-201722:49NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/UstarStreamMod.F90934603-24-201710:54NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/UstarStreamMod.F9019368703-24-201710:54glade/u/home/sean/clm50/./components/clm/bld/CLMBuildNamelist_obs_ustar.pm19329203-03-201710:38glade/u/home/sean/clm50/./components/clm/bld/CLMBuildNamelist_original.pm19368703-24-201710:54glade/u/home/sean/clm50/./components/clm/bld/CLMBuildNamelist_original.pm19368703-24-201710:54glade/u/home/sean/clm50/./components/clm/bld/CLMBuildNamelist_original.pm19368703-24-201710:54glade/u/home/sean/clm50/./components/clm/bld/namelist_files/namelist_definition_clm4_5_mod_ustar.xm19368703-03-201710:54glade/u/home/sean/clm50/./components/clm/bld/namelist_files/namelist_definition_clm4_5_original.xm11901003-24-201710:54glade/u/home/sean/clm50/./components/clm/bld/namelist_files/namelist_definition_clm4_5_original.xm11901003-24-201710:54glade/u/home/sean/clm50/./components/clm/bld/namelist_files/namelist_definition_clm4_5_original.xm119701504-12-201710:54glade/u/home/sean/clm50/./components/clm/bld/namelist_files/namelist_defaults_clm4_5_orig.xm115701504-22-201710:58glade/u/home/sean/clm50/./components/clm/bld/namelist_files/namelist_defaults_clm4_5_tools.xm115701504-12-201	16560	03-24-2017 10:54	NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/clm_varctl.F90
<pre>449/1 Wo-W9-201/ 22:49 9346 03-24-2017 10:54 NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_nog88_leaf_wet_Csoil08/SourceModS/src.clm/UstarStreamMod.F90 9368 03-24-2017 10:54 glade/u/home/sean/clm50/./components/clm/bld/CLMBuildNamelist_obs_ustar.pm 193687 03-24-2017 10:54 glade/u/home/sean/clm50/./components/clm/bld/CLMBuildNamelist_original.pm 193687 03-24-2017 10:54 glade/u/home/sean/clm50/./components/clm/bld/CLMBuildNamelist_original.pm 193687 03-24-2017 10:54 glade/u/home/sean/clm50/./components/clm/bld/CLMBuildNamelist_original.pm 193687 03-24-2017 10:54 glade/u/home/sean/clm50/./components/clm/bld/CLMBuildNamelist_files/namelist_definition_clm4_5_mod_ustar.xm 89493 03-03-2017 10:58 glade/u/home/sean/clm50/./components/clm/bld/namelist_files/namelist_definition_clm4_5_mod_ustar.xm1 90910 03-24-2017 10:54 glade/u/home/sean/clm50/./components/clm/bld/namelist_files/namelist_definition_clm4_5_mod_ustar.xm1 90910 03-24-2017 10:54 glade/u/home/sean/clm50/./components/clm/bld/namelist_files/namelist_definition_clm4_5_original.xm1 90910 03-24-2017 10:54 glade/u/home/sean/clm50/./components/clm/bld/namelist_files/namelist_definits_clm4_5_orig.xm1 156614 03-03-2017 10:38 glade/u/home/sean/clm50/./components/clm/bld/namelist_files/namelist_defaults_clm4_5_tools.xm1 157015 04-12-2017 15:10 glade/u/home/sean/clm50/./components/clm/bld/namelist_files/namelist_defaults_clm4_5_tools.xm1 157015 04-12-2017 15:10 glade/u/home/sean/clm50/./components/clm/bld/namelist_files/namelist_defaults_clm4_5_tools.xm1</pre>	42339	03-24-2017 10:54	NR1_PTCLM45sp_4_0LAI_G1_ustar_obs_hog88_leaf_wet_Csoil08/SourceMods/src.clm/controlMod.F90
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Supplemental Figures



Figure S1. As in Fig. 2, except the standard deviation of the data within each bin are shown.

-4-



Figure S2. Observed and CLM4.5 friction velocity u_* during wDry periods between midnight and 4:00 MST versus the bulk Richardson number Ri_b. In (a), all the 30-min values are shown while (b) shows the Ri_b-binned mean values. CLM results are from the CLM4.5 A1 (default) configuration (Table 1).



Figure S3. Time series of the 30-min observed and CLM4.5 (**left-side**) dimensionless stability parameter $\zeta = (z - d)/L$ and (**right-side**) friction velocity u_* during July 2010 (see legend in upper-right panel). Each row (**a**)-(**d**) corresponds to CLM4.5 run with changes to variables described in the text above that panel where the letters (A1, D0, C0, and D1) corresponds to a specific CLM configuration, as described in Table 1. In (**b**), the y-axis limits for ζ have been increased so all data are shown.



Figure S4. As in Fig. 9, except for unstable conditions.



Figure S5. The above-canopy friction velocity u_* versus the mean horizontal wind speed U at (a) 21.5 m, (b) 5.7 m, and (c) 2.5 m above the ground. The canopy height *h* ranges between 12 and 15 m; the percentage of *h* for each level is shown in the upper-left corner of each panel assuming h = 13 m. The red line shows the relationship, $U = u_*$. Each point is a 30-min mean value from the warm season (1 June to 30 September) for years 2005–2012. Note that the y-axis range in (a) is a factor of 5 larger than that of (b) and (c).











Figure S8. As in Figure 2, except for the CLM4.5 G1 configuration (i.e., with LAI = 4, observed u_* , $C_{s,dense} = 0.01$, $f_{wet}^{max} = 0.02$, and using universal function from *Högström* (1988)).



Figure S9. As in Figure 7, except for the CLM4.5 G1 configuration (i.e., with LAI = 4, observed u_* , $C_{s,dense} = 0.01$, $f_{wet}^{max} = 0.02$, and using universal function from *Högström* (1988)).



Figure S10. As in Figure 8, except for the CLM4.5 G1 configuration (i.e., with LAI = 4, observed u_* , $C_{s,dense} = 0.01$, $f_{wet}^{max} = 0.02$, and using universal function from *Högström* (1988)).



Figure S11. As in Figure 1, except for the Howland Forest (US-Ho1) in Maine which is a northern boreal spruce-dominated transitional forest consisting primarily of a hemlock-spruce-fir mixture with an LAI \approx 5.5. Measurements are from the warm-season between years 1996 to 2012.



Figure S12. Friction velocity u_* versus above-canopy wind speed U for the observations from Howland Forest (US-Ho1), Niwot Ridge (US-NR1) along with CLM4.5 A1 u_* from US-NR1 for (**a2**) daytime and (**b2**) nighttime conditions during the warm-season months. The legend in (**b2**) applies to all panels and only bins with at least 30 samples are shown. The frequency distribution of 30-min average U is shown in the upper panels for (**a1**) daytime and (**b1**) nighttime conditions.