

```
1 netcdf surfdata_0.9x1.25_78pfts_CMIP6_simyr2000_c170824 {
2   dimensions:
3     lsmlon = 288 ;
4     lsmlat = 192 ;
5     nglcec = 10 ;
6     nglcecp1 = 11 ;
7     numurbl = 3 ;
8     nlevurb = 5 ;
9     numrad = 2 ;
10    nchar = 256 ;
11    nlevsoi = 10 ;
12    time = UNLIMITED ; // (12 currently)
13    lsmpt = 79 ;
14    natpft = 15 ;
15    cft = 64 ;
16  variables:
17    int mxsoil_color ;
18      mxsoil_color:long_name = "maximum numbers of soil colors" ;
19      mxsoil_color:units = "unitless" ;
20    int SOIL_COLOR(lsmlat, lsmlon) ;
21      SOIL_COLOR:long_name = "soil color" ;
22      SOIL_COLOR:units = "unitless" ;
23    double PCT_SAND(nlevsoi, lsmlat, lsmlon) ;
24      PCT_SAND:long_name = "percent sand" ;
25      PCT_SAND:units = "unitless" ;
26    double PCT_CLAY(nlevsoi, lsmlat, lsmlon) ;
27      PCT_CLAY:long_name = "percent clay" ;
28      PCT_CLAY:units = "unitless" ;
29    double ORGANIC(nlevsoi, lsmlat, lsmlon) ;
30      ORGANIC:long_name = "organic matter density at soil levels" ;
31      ORGANIC:units = "kg/m3 (assumed carbon content 0.58 gC per gOM)" ;
32    double FMAX(lsmlat, lsmlon) ;
33      FMAX:long_name = "maximum fractional saturated area" ;
34      FMAX:units = "unitless" ;
35    int natpft(natpft) ;
36      natpft:long_name = "indices of natural PFTs" ;
37      natpft:units = "index" ;
38    int cft(cft) ;
39      cft:long_name = "indices of CFTs" ;
40      cft:units = "index" ;
41    double LANDFRAC_PFT(lsmlat, lsmlon) ;
42      LANDFRAC_PFT:long_name = "land fraction from pft dataset" ;
43      LANDFRAC_PFT:units = "unitless" ;
44    int PFTDATA_MASK(lsmlat, lsmlon) ;
45      PFTDATA_MASK:long_name = "land mask from pft dataset, indicative of real/fake points" ;
46      PFTDATA_MASK:units = "unitless" ;
47    double PCT_NATVEG(lsmlat, lsmlon) ;
48      PCT_NATVEG:long_name = "total percent natural vegetation landunit" ;
49      PCT_NATVEG:units = "unitless" ;
50    double PCT_CROP(lsmlat, lsmlon) ;
51      PCT_CROP:long_name = "total percent crop landunit" ;
52      PCT_CROP:units = "unitless" ;
53    double PCT_NAT_PFT(natpft, lsmlat, lsmlon) ;
54      PCT_NAT_PFT:long_name = "percent plant functional type on the natural veg landunit (% of landunit)" ;
55      PCT_NAT_PFT:units = "unitless" ;
56    double PCT_CFT(cft, lsmlat, lsmlon) ;
57      PCT_CFT:long_name = "percent crop functional type on the crop landunit (% of landunit)" ;
58      PCT_CFT:units = "unitless" ;
59    double MONTHLY_LAI(time, lsmpt, lsmlat, lsmlon) ;
60      MONTHLY_LAI:long_name = "monthly leaf area index" ;
61      MONTHLY_LAI:units = "unitless" ;
62    double MONTHLY_SAI(time, lsmpt, lsmlat, lsmlon) ;
63      MONTHLY_SAI:long_name = "monthly stem area index" ;
64      MONTHLY_SAI:units = "unitless" ;
65    double MONTHLY_HEIGHT_TOP(time, lsmpt, lsmlat, lsmlon) ;
66      MONTHLY_HEIGHT_TOP:long_name = "monthly height top" ;
67      MONTHLY_HEIGHT_TOP:units = "meters" ;
68    double MONTHLY_HEIGHT_BOT(time, lsmpt, lsmlat, lsmlon) ;
69      MONTHLY_HEIGHT_BOT:long_name = "monthly height bottom" ;
70      MONTHLY_HEIGHT_BOT:units = "meters" ;
```

```
71  int time(time) ;
72      time:long_name = "Calendar month" ;
73      time:units = "month" ;
74  double AREA(lsmlat, lsmlon) ;
75      AREA:long_name = "area" ;
76      AREA:units = "km^2" ;
77  double LONGXY(lsmlat, lsmlon) ;
78      LONGXY:long_name = "longitude" ;
79      LONGXY:units = "degrees east" ;
80  double LATIXY(lsmlat, lsmlon) ;
81      LATIXY:long_name = "latitude" ;
82      LATIXY:units = "degrees north" ;
83  double EF1_BTR(lsmlat, lsmlon) ;
84      EF1_BTR:long_name = "EF btr (isoprene)" ;
85      EF1_BTR:units = "unitless" ;
86  double EF1_FET(lsmlat, lsmlon) ;
87      EF1_FET:long_name = "EF fet (isoprene)" ;
88      EF1_FET:units = "unitless" ;
89  double EF1_FDT(lsmlat, lsmlon) ;
90      EF1_FDT:long_name = "EF fdt (isoprene)" ;
91      EF1_FDT:units = "unitless" ;
92  double EF1_SHR(lsmlat, lsmlon) ;
93      EF1_SHR:long_name = "EF shr (isoprene)" ;
94      EF1_SHR:units = "unitless" ;
95  double EF1_GRS(lsmlat, lsmlon) ;
96      EF1_GRS:long_name = "EF grs (isoprene)" ;
97      EF1_GRS:units = "unitless" ;
98  double EF1_CRP(lsmlat, lsmlon) ;
99      EF1_CRP:long_name = "EF crp (isoprene)" ;
100     EF1_CRP:units = "unitless" ;
101  double CANYON_HWR(numurbl, lsmlat, lsmlon) ;
102     CANYON_HWR:long_name = "canyon height to width ratio" ;
103     CANYON_HWR:units = "unitless" ;
104  double EM_IMPROAD(numurbl, lsmlat, lsmlon) ;
105     EM_IMPROAD:long_name = "emissivity of impervious road" ;
106     EM_IMPROAD:units = "unitless" ;
107  double EM_PERROAD(numurbl, lsmlat, lsmlon) ;
108     EM_PERROAD:long_name = "emissivity of pervious road" ;
109     EM_PERROAD:units = "unitless" ;
110  double EM_ROOF(numurbl, lsmlat, lsmlon) ;
111     EM_ROOF:long_name = "emissivity of roof" ;
112     EM_ROOF:units = "unitless" ;
113  double EM_WALL(numurbl, lsmlat, lsmlon) ;
114     EM_WALL:long_name = "emissivity of wall" ;
115     EM_WALL:units = "unitless" ;
116  double HT_ROOF(numurbl, lsmlat, lsmlon) ;
117     HT_ROOF:long_name = "height of roof" ;
118     HT_ROOF:units = "meters" ;
119  double THICK_ROOF(numurbl, lsmlat, lsmlon) ;
120     THICK_ROOF:long_name = "thickness of roof" ;
121     THICK_ROOF:units = "meters" ;
122  double THICK_WALL(numurbl, lsmlat, lsmlon) ;
123     THICK_WALL:long_name = "thickness of wall" ;
124     THICK_WALL:units = "meters" ;
125  double T_BUILDING_MIN(numurbl, lsmlat, lsmlon) ;
126     T_BUILDING_MIN:long_name = "minimum interior building temperature" ;
127     T_BUILDING_MIN:units = "K" ;
128  double WIND_HGT_CANYON(numurbl, lsmlat, lsmlon) ;
129     WIND_HGT_CANYON:long_name = "height of wind in canyon" ;
130     WIND_HGT_CANYON:units = "meters" ;
131  double WTLUNIT_ROOF(numurbl, lsmlat, lsmlon) ;
132     WTLUNIT_ROOF:long_name = "fraction of roof" ;
133     WTLUNIT_ROOF:units = "unitless" ;
134  double WTRoad_PERV(numurbl, lsmlat, lsmlon) ;
135     WTRoad_PERV:long_name = "fraction of pervious road" ;
136     WTRoad_PERV:units = "unitless" ;
137  double ALB_IMPROAD_DIR(numrad, numurbl, lsmlat, lsmlon) ;
138     ALB_IMPROAD_DIR:long_name = "direct albedo of impervious road" ;
139     ALB_IMPROAD_DIR:units = "unitless" ;
140  double ALB_IMPROAD_DIF(numrad, numurbl, lsmlat, lsmlon) ;
```

```
141     ALB_IMPROAD_DIF:long_name = "diffuse albedo of impervious road" ;
142     ALB_IMPROAD_DIF:units = "unitless" ;
143     double ALB_PERROAD_DIR(numrad, numurbl, lsmlat, lsmlon) ;
144     ALB_PERROAD_DIR:long_name = "direct albedo of pervious road" ;
145     ALB_PERROAD_DIR:units = "unitless" ;
146     double ALB_PERROAD_DIF(numrad, numurbl, lsmlat, lsmlon) ;
147     ALB_PERROAD_DIF:long_name = "diffuse albedo of pervious road" ;
148     ALB_PERROAD_DIF:units = "unitless" ;
149     double ALB_ROOF_DIR(numrad, numurbl, lsmlat, lsmlon) ;
150     ALB_ROOF_DIR:long_name = "direct albedo of roof" ;
151     ALB_ROOF_DIR:units = "unitless" ;
152     double ALB_ROOF_DIF(numrad, numurbl, lsmlat, lsmlon) ;
153     ALB_ROOF_DIF:long_name = "diffuse albedo of roof" ;
154     ALB_ROOF_DIF:units = "unitless" ;
155     double ALB_WALL_DIR(numrad, numurbl, lsmlat, lsmlon) ;
156     ALB_WALL_DIR:long_name = "direct albedo of wall" ;
157     ALB_WALL_DIR:units = "unitless" ;
158     double ALB_WALL_DIF(numrad, numurbl, lsmlat, lsmlon) ;
159     ALB_WALL_DIF:long_name = "diffuse albedo of wall" ;
160     ALB_WALL_DIF:units = "unitless" ;
161     double TK_ROOF(nlevurb, numurbl, lsmlat, lsmlon) ;
162     TK_ROOF:long_name = "thermal conductivity of roof" ;
163     TK_ROOF:units = "W/m*K" ;
164     double TK_WALL(nlevurb, numurbl, lsmlat, lsmlon) ;
165     TK_WALL:long_name = "thermal conductivity of wall" ;
166     TK_WALL:units = "W/m*K" ;
167     double TK_IMPROAD(nlevurb, numurbl, lsmlat, lsmlon) ;
168     TK_IMPROAD:long_name = "thermal conductivity of impervious road" ;
169     TK_IMPROAD:units = "W/m*K" ;
170     double CV_ROOF(nlevurb, numurbl, lsmlat, lsmlon) ;
171     CV_ROOF:long_name = "volumetric heat capacity of roof" ;
172     CV_ROOF:units = "J/m^3*K" ;
173     double CV_WALL(nlevurb, numurbl, lsmlat, lsmlon) ;
174     CV_WALL:long_name = "volumetric heat capacity of wall" ;
175     CV_WALL:units = "J/m^3*K" ;
176     double CV_IMPROAD(nlevurb, numurbl, lsmlat, lsmlon) ;
177     CV_IMPROAD:long_name = "volumetric heat capacity of impervious road" ;
178     CV_IMPROAD:units = "J/m^3*K" ;
179     int NLEV_IMPROAD(numurbl, lsmlat, lsmlon) ;
180     NLEV_IMPROAD:long_name = "number of impervious road layers" ;
181     NLEV_IMPROAD:units = "unitless" ;
182     double peatf(lsmlat, lsmlon) ;
183     peatf:long_name = "peatland fraction" ;
184     peatf:units = "unitless" ;
185     double zbedrock(lsmlat, lsmlon) ;
186     zbedrock:long_name = "soil depth" ;
187     zbedrock:units = "m" ;
188     int abm(lsmlat, lsmlon) ;
189     abm:long_name = "agricultural fire peak month" ;
190     abm:units = "unitless" ;
191     double gdp(lsmlat, lsmlon) ;
192     gdp:long_name = "gdp" ;
193     gdp:units = "unitless" ;
194     double SLOPE(lsmlat, lsmlon) ;
195     SLOPE:long_name = "mean topographic slope" ;
196     SLOPE:units = "degrees" ;
197     double STD_ELEV(lsmlat, lsmlon) ;
198     STD_ELEV:long_name = "standard deviation of elevation" ;
199     STD_ELEV:units = "m" ;
200     double binfl(lsmlat, lsmlon) ;
201     binfl:long_name = "VIC b parameter for the Variable Infiltration Capacity Curve" ;
202     binfl:units = "unitless" ;
203     double Ws(lsmlat, lsmlon) ;
204     Ws:long_name = "VIC Ws parameter for the ARNO curve" ;
205     Ws:units = "unitless" ;
206     double Dsmax(lsmlat, lsmlon) ;
207     Dsmax:long_name = "VIC Dsmax parameter for the ARNO curve" ;
208     Dsmax:units = "mm/day" ;
209     double Ds(lsmlat, lsmlon) ;
210     Ds:long_name = "VIC Ds parameter for the ARNO curve" ;
```

```
211     Ds:units = "unitless" ;
212     double LAKEDEPTH(lsmlat, lsmlon) ;
213     LAKEDEPTH:long_name = "lake depth" ;
214     LAKEDEPTH:units = "m" ;
215     double F0(lsmlat, lsmlon) ;
216     F0:long_name = "maximum gridcell fractional inundated area" ;
217     F0:units = "unitless" ;
218     double P3(lsmlat, lsmlon) ;
219     P3:long_name = "coefficient for qflx_surf_lag for finundated" ;
220     P3:units = "s/mm" ;
221     double ZWT0(lsmlat, lsmlon) ;
222     ZWT0:long_name = "decay factor for finundated" ;
223     ZWT0:units = "m" ;
224     double PCT_WETLAND(lsmlat, lsmlon) ;
225     PCT_WETLAND:long_name = "percent wetland" ;
226     PCT_WETLAND:units = "unitless" ;
227     double PCT_LAKE(lsmlat, lsmlon) ;
228     PCT_LAKE:long_name = "percent lake" ;
229     PCT_LAKE:units = "unitless" ;
230     double PCT_GLACIER(lsmlat, lsmlon) ;
231     PCT_GLACIER:long_name = "percent glacier" ;
232     PCT_GLACIER:units = "unitless" ;
233     int GLACIER_REGION(lsmlat, lsmlon) ;
234     GLACIER_REGION:long_name = "glacier region ID" ;
235     GLACIER_REGION:units = "unitless" ;
236     double GLC_MEC(nglcecp1) ;
237     GLC_MEC:long_name = "Glacier elevation class" ;
238     GLC_MEC:units = "m" ;
239     double PCT_GLC_MEC(nglcec, lsmlat, lsmlon) ;
240     PCT_GLC_MEC:long_name = "percent glacier for each glacier elevation class (% of landunit)" ;
241     PCT_GLC_MEC:units = "unitless" ;
242     double PCT_GLC_MEC_GIC(nglcec, lsmlat, lsmlon) ;
243     PCT_GLC_MEC_GIC:long_name = "percent smaller glaciers and ice caps for each glacier elevation class (% of landunit)" ;
244     PCT_GLC_MEC_GIC:units = "unitless" ;
245     double PCT_GLC_MEC_ICESHEET(nglcec, lsmlat, lsmlon) ;
246     PCT_GLC_MEC_ICESHEET:long_name = "percent ice sheet for each glacier elevation class (% of landunit)" ;
247     PCT_GLC_MEC_ICESHEET:units = "unitless" ;
248     double PCT_GLC_GIC(lsmlat, lsmlon) ;
249     PCT_GLC_GIC:long_name = "percent ice caps/glaciers (% of landunit)" ;
250     PCT_GLC_GIC:units = "unitless" ;
251     double PCT_GLC_ICESHEET(lsmlat, lsmlon) ;
252     PCT_GLC_ICESHEET:long_name = "percent ice sheet (% of landunit)" ;
253     PCT_GLC_ICESHEET:units = "unitless" ;
254     double TOPO_GLC_MEC(nglcec, lsmlat, lsmlon) ;
255     TOPO_GLC_MEC:long_name = "mean elevation on glacier elevation classes" ;
256     TOPO_GLC_MEC:units = "m" ;
257     double PCT_URBAN(numurbl, lsmlat, lsmlon) ;
258     PCT_URBAN:long_name = "percent urban for each density type" ;
259     PCT_URBAN:units = "unitless" ;
260     int URBAN_REGION_ID(lsmlat, lsmlon) ;
261     URBAN_REGION_ID:long_name = "urban region ID" ;
262     URBAN_REGION_ID:units = "unitless" ;
263     double CONST_HARVEST_VH1(lsmlat, lsmlon) ;
264     CONST_HARVEST_VH1:long_name = "harvest from primary forest" ;
265     CONST_HARVEST_VH1:units = "gC/m2/yr" ;
266     double CONST_HARVEST_VH2(lsmlat, lsmlon) ;
267     CONST_HARVEST_VH2:long_name = "harvest from primary non-forest" ;
268     CONST_HARVEST_VH2:units = "gC/m2/yr" ;
269     double CONST_HARVEST_SH1(lsmlat, lsmlon) ;
270     CONST_HARVEST_SH1:long_name = "harvest from secondary mature-forest" ;
271     CONST_HARVEST_SH1:units = "gC/m2/yr" ;
272     double CONST_HARVEST_SH2(lsmlat, lsmlon) ;
273     CONST_HARVEST_SH2:long_name = "harvest from secondary young-forest" ;
274     CONST_HARVEST_SH2:units = "gC/m2/yr" ;
275     double CONST_HARVEST_SH3(lsmlat, lsmlon) ;
276     CONST_HARVEST_SH3:long_name = "harvest from secondary non-forest" ;
277     CONST_HARVEST_SH3:units = "gC/m2/yr" ;
278     double CONST_GRAZING(lsmlat, lsmlon) ;
279     CONST_GRAZING:long_name = "grazing of herbaceous pfts" ;
```

```
280     CONST_GRAZING:units = "gC/m2/yr" ;
281     double CONST_FERTNITRO_CFT(cft, lsmlat, lsmlon) ;
282     CONST_FERTNITRO_CFT:long_name = "nitrogen fertilizer for each crop" ;
283     CONST_FERTNITRO_CFT:units = "gN/m2/yr" ;
284     double UNREPRESENTED_PFT_LULCC(natpft, lsmlat, lsmlon) ;
285     UNREPRESENTED_PFT_LULCC:long_name = "unrepresented PFT gross LULCC transitions" ;
286     UNREPRESENTED_PFT_LULCC:units = "unitless" ;
287     double UNREPRESENTED_CFT_LULCC(cft, lsmlat, lsmlon) ;
288     UNREPRESENTED_CFT_LULCC:long_name = "unrepresented crop gross LULCC transitions" ;
289     UNREPRESENTED_CFT_LULCC:units = "unitless" ;
290
291 // global attributes:
292     :Conventions = "NCAR-CSM" ;
293     :History_Log = "created on: 08-24-17 14:46:58" ;
294     :Logname = "erik" ;
295     :Host = "cheyenne1" ;
296     :Source = "Community Land Model: CLM4" ;
297     :Version = "$HeadURL:
...     https://svn-ccsm-models.cgd.ucar.edu/clm2/branch_tags/latestsoilcolor_tags/
...     latestsoilcolor_n02_clm4_5_16_r253/components/clm/tools/mksurfdata_map/src/mkfileMod.F90 $" ;
298     :Revision_Id = "$Id: mkfileMod.F90 82382 2016-12-21 22:20:49Z erik $" ;
299     :Compiler_Optimized = "TRUE" ;
300     :no_inlandwet = "TRUE" ;
301     :nglcec = 10 ;
302     :Input_grid_dataset = "map_0.25x0.25_MODIS_to_0.9x1.25_nomask_aave_da_c170321.nc" ;
303     :Input_gridtype = "global" ;
304     :VOC_EF_raw_data_file_name = "mksrf_vocef_0.5x0.5_simyr2000.c110531.nc" ;
305     :Inland_lake_raw_data_file_name = "mksrf_LakePnDepth_3x3min_simyr2004_csplk_c151015.nc" ;
306     :Inland_wetland_raw_data_file_name = "mksrf_lanwat.050425.nc" ;
307     :Glacier_raw_data_file_name = "mksrf_glacier_3x3min_simyr2000.c120926.nc" ;
308     :Glacier_region_raw_data_file_name = "mksrf_GlacierRegion_10x10min_nomask_c170616.nc" ;
309     :Urban_Topography_raw_data_file_name = "mksrf_topo.10min.c080912.nc" ;
310     :Urban_raw_data_file_name = "mksrf_urban_0.05x0.05_simyr2000.c120621.nc" ;
311     :lai_raw_data_file_name = "mksrf_lai_78pfts_simyr2005.c170413.nc" ;
312     :agfirepkmon_raw_data_file_name = "mksrf_abm_0.5x0.5_AVHRR_simyr2000.c130201.nc" ;
313     :gdp_raw_data_file_name = "mksrf_gdp_0.5x0.5_AVHRR_simyr2000.c130228.nc" ;
314     :peatland_raw_data_file_name = "mksrf_peatf_0.5x0.5_AVHRR_simyr2000.c130228.nc" ;
315     :soildepth_raw_data_file_name = "mksf_soilthk_5x5min_ORNL-Soil_simyr1900-2015_c170630.nc" ;
316     :topography_stats_raw_data_file_name =
...     "mksrf_topostats_1km-merge-10min_HYDR01K-merge-nomask_simyr2000.c130402.nc" ;
317     :vic_raw_data_file_name = "mksrf_vic_0.9x1.25_GRDC_simyr2000.c130307.nc" ;
318     :ch4_params_raw_data_file_name = "mksrf_ch4inversion_360x720_cruncp_simyr2000.c130322.nc" ;
319     :map_pft_file_name = "map_0.25x0.25_MODIS_to_0.9x1.25_nomask_aave_da_c170321.nc" ;
320     :map_lakwat_file = "map_3x3min_MODIS-wCsp_to_0.9x1.25_nomask_aave_da_c160425.nc" ;
321     :map_wetlnd_file = "map_0.5x0.5_lanwat_to_0.9x1.25_aave_da_110307.nc" ;
322     :map_glacier_file = "map_3x3min_GLOBE-Gardner_to_0.9x1.25_nomask_aave_da_c120923.nc" ;
323     :map_glacier_region_file = "map_10minx10min_topo_to_0.9x1.25_aave_da_110630.nc" ;
324     :map_soil_texture_file = "map_5minx5min_soitex_to_0.9x1.25_aave_da_110722.nc" ;
325     :map_soil_color_file = "map_0.25x0.25_MODIS_to_0.9x1.25_nomask_aave_da_c170321.nc" ;
326     :map_soil_organic_file = "map_5x5min_ISRIC-WISE_to_0.9x1.25_nomask_aave_da_c120525.nc" ;
327     :map_urban_file = "map_3x3min_LandScan2004_to_0.9x1.25_nomask_aave_da_c120522.nc" ;
328     :map_fmax_file = "map_3x3min_USGS_to_0.9x1.25_nomask_aave_da_c120926.nc" ;
329     :map_VOC_EF_file = "map_0.5x0.5_lanwat_to_0.9x1.25_aave_da_110307.nc" ;
330     :map_harvest_file = "map_0.25x0.25_MODIS_to_0.9x1.25_nomask_aave_da_c170321.nc" ;
331     :map_lai_sai_file = "map_0.25x0.25_MODIS_to_0.9x1.25_nomask_aave_da_c170321.nc" ;
332     :map_urban_topography_file = "map_10minx10min_topo_to_0.9x1.25_aave_da_110630.nc" ;
333     :map_agfirepkmon_file = "map_0.5x0.5_lanwat_to_0.9x1.25_aave_da_110307.nc" ;
334     :map_gdp_file = "map_0.5x0.5_lanwat_to_0.9x1.25_aave_da_110307.nc" ;
335     :map_peatland_file = "map_0.5x0.5_lanwat_to_0.9x1.25_aave_da_110307.nc" ;
336     :map_soildepth_file = "map_5x5min_ORNL-Soil_to_0.9x1.25_nomask_aave_da_c170706.nc" ;
337     :map_topography_stats_file =
...     "map_1km-merge-10min_HYDR01K-merge-nomask_to_0.9x1.25_nomask_aave_da_c130405.nc" ;
338     :map_vic_file = "map_0.9x1.25_GRDC_to_0.9x1.25_nomask_aave_da_c130308.nc" ;
339     :map_ch4_params_file = "map_360x720_cruncp_to_0.9x1.25_nomask_aave_da_c130326.nc" ;
340     :Soil_texture_raw_data_file_name = "mksrf_soitex.10level.c010119.nc" ;
341     :Soil_color_raw_data_file_name = "mksrf_soilcolor_CMIP6_simyr2005.c170623.nc" ;
342     :fmax_raw_data_file_name = "mksrf_fmax_3x3min_USGS_c120911.nc" ;
343     :Organic_matter_raw_data_file_name = "mksrf_organic_10level_5x5min_ISRIC-WISE-NCSCD_nlev7_c120830.nc" ;
344     :Vegetation_type_raw_data_filename = "mksrf_landuse_histclm50_LUH2_2000.c170629.nc" ;
345 }
```