```
 1 │ netcdf B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011−03−20−0000_0011−04−20−0000_ens_mean {
 2 │ dimensions:
 3 │     time = UNLIMITED ; // (745 currently)
 4 │     lat = 96 ;
 5 │     lon = 144 ;
 6 │     lev = 30 ;
 7 │     ilev = 31 ;
 8 │     slat = 95 ;
 9 │     slon = 144 ;
10 │     nbnd = 2 ;
11 │ variables:
12 │     float AEROD_v(time, lat, lon) ;
13 │         AEROD_v:_FillValue = 1.e+36f ;
14 │         AEROD_v:missing_value = 1.e+36f ;
15 │         AEROD_v:units = "1" ;
16 │         AEROD_v:long_name = "Total Aerosol Optical Depth in visible band" ;
17 │         AEROD_v:cell_methods = "time: mean" ;
18 │     float ANRAIN(time, lev, lat, lon) ;
19 │         ANRAIN:mdims = 1 ;
20 │         ANRAIN:units = "m−3" ;
21 │         ANRAIN:long_name = "Average rain number conc" ;
22 │         ANRAIN:cell_methods = "time: mean" ;
23 │     float ANSNOW(time, lev, lat, lon) ;
24 │         ANSNOW:mdims = 1 ;
25 │         ANSNOW:units = "m−3" ;
26 │         ANSNOW:long_name = "Average snow number conc" ;
27 │         ANSNOW:cell_methods = "time: mean" ;
28 │     float AODDUST1(time, lat, lon) ;
29 │         AODDUST1:_FillValue = 1.e+36f ;
30 │         AODDUST1:missing_value = 1.e+36f ;
31 │         AODDUST1:units = "" ;
32 │         AODDUST1:long_name = "Aerosol optical depth 550 nm model 1 from dust" ;
33 │         AODDUST1:cell_methods = "time: mean" ;
34 │     float AODDUST3(time, lat, lon) ;
35 │         AODDUST3:_FillValue = 1.e+36f ;
36 │         AODDUST3:missing_value = 1.e+36f ;
37 │         AODDUST3:units = "" ;
38 │         AODDUST3:long_name = "Aerosol optical depth 550 nm model 3 from dust" ;
39 │         AODDUST3:cell_methods = "time: mean" ;
40 │     float AODVIS(time, lat, lon) ;
41 │         AODVIS:_FillValue = 1.e+36f ;
42 │         AODVIS:missing_value = 1.e+36f ;
43 │         AODVIS:units = "" ;
44 │         AODVIS:long_name = "Aerosol optical depth 550 nm" ;
45 │         AODVIS:cell_methods = "time: mean" ;
46 │     float AQRAIN(time, lev, lat, lon) ;
47 │         AQRAIN:mdims = 1 ;
48 │         AQRAIN:units = "kg/kg" ;
49 │         AQRAIN:long_name = "Average rain mixing ratio" ;
50 │         AQRAIN:cell_methods = "time: mean" ;
51 │     float AQSNOW(time, lev, lat, lon) ;
52 │         AQSNOW:mdims = 1 ;
53 │         AQSNOW:units = "kg/kg" ;
54 │         AQSNOW:long_name = "Average snow mixing ratio" ;
55 │         AQSNOW:cell_methods = "time: mean" ;
56 │     float AREI(time, lev, lat, lon) ;
57 │         AREI:mdims = 1 ;
58 │         AREI:units = "Micron" ;
59 │         AREI:long_name = "Average ice effective radius" ;
60 │         AREI:cell_methods = "time: mean" ;
61 │     float AREL(time, lev, lat, lon) ;
62 │         AREL:mdims = 1 ;
63 │         AREL:units = "Micron" ;
64 │         AREL:long_name = "Average droplet effective radius" ;
65 │         AREL:cell_methods = "time: mean" ;
66 │     float AWNC(time, lev, lat, lon) ;
67 │         AWNC:mdims = 1 ;
68 │         AWNC:units = "m−3" ;
69 │         AWNC:long_name = "Average cloud water number conc" ;
70 │         AWNC:cell_methods = "time: mean" ;
```

```
 71    float AWNI(time, lev, lat, lon) ;
 72        AWNI:mdims = 1 ;
 73        AWNI:units = "m–3" ;
 74        AWNI:long_name = "Average cloud ice number conc" ;
 75        AWNI:cell_methods = "time: mean" ;
 76    float BURDEN1(time, lat, lon) ;
 77        BURDEN1:_FillValue = 1.e+36f ;
 78        BURDEN1:missing_value = 1.e+36f ;
 79        BURDEN1:units = "kg/m2" ;
 80        BURDEN1:long_name = "Aerosol burden mode 1" ;
 81        BURDEN1:cell_methods = "time: mean" ;
 82    float BURDEN2(time, lat, lon) ;
 83        BURDEN2:_FillValue = 1.e+36f ;
 84        BURDEN2:missing_value = 1.e+36f ;
 85        BURDEN2:units = "kg/m2" ;
 86        BURDEN2:long_name = "Aerosol burden mode 2" ;
 87        BURDEN2:cell_methods = "time: mean" ;
 88    float BURDEN3(time, lat, lon) ;
 89        BURDEN3:_FillValue = 1.e+36f ;
 90        BURDEN3:missing_value = 1.e+36f ;
 91        BURDEN3:units = "kg/m2" ;
 92        BURDEN3:long_name = "Aerosol burden mode 3" ;
 93        BURDEN3:cell_methods = "time: mean" ;
 94    float BURDENBC(time, lat, lon) ;
 95        BURDENBC:_FillValue = 1.e+36f ;
 96        BURDENBC:missing_value = 1.e+36f ;
 97        BURDENBC:units = "kg/m2" ;
 98        BURDENBC:long_name = "Black carbon aerosol burden" ;
 99        BURDENBC:cell_methods = "time: mean" ;
100    float BURDENDUST(time, lat, lon) ;
101        BURDENDUST:_FillValue = 1.e+36f ;
102        BURDENDUST:missing_value = 1.e+36f ;
103        BURDENDUST:units = "kg/m2" ;
104        BURDENDUST:long_name = "Dust aerosol burden" ;
105        BURDENDUST:cell_methods = "time: mean" ;
106    float BURDENPOM(time, lat, lon) ;
107        BURDENPOM:_FillValue = 1.e+36f ;
108        BURDENPOM:missing_value = 1.e+36f ;
109        BURDENPOM:units = "kg/m2" ;
110        BURDENPOM:long_name = "POM aerosol burden" ;
111        BURDENPOM:cell_methods = "time: mean" ;
112    float BURDENSEASALT(time, lat, lon) ;
113        BURDENSEASALT:_FillValue = 1.e+36f ;
114        BURDENSEASALT:missing_value = 1.e+36f ;
115        BURDENSEASALT:units = "kg/m2" ;
116        BURDENSEASALT:long_name = "Seasalt aerosol burden" ;
117        BURDENSEASALT:cell_methods = "time: mean" ;
118    float BURDENSO4(time, lat, lon) ;
119        BURDENSO4:_FillValue = 1.e+36f ;
120        BURDENSO4:missing_value = 1.e+36f ;
121        BURDENSO4:units = "kg/m2" ;
122        BURDENSO4:long_name = "Sulfate aerosol burden" ;
123        BURDENSO4:cell_methods = "time: mean" ;
124    float BURDENSOA(time, lat, lon) ;
125        BURDENSOA:_FillValue = 1.e+36f ;
126        BURDENSOA:missing_value = 1.e+36f ;
127        BURDENSOA:units = "kg/m2" ;
128        BURDENSOA:long_name = "SOA aerosol burden" ;
129        BURDENSOA:cell_methods = "time: mean" ;
130    float CCN3(time, lev, lat, lon) ;
131        CCN3:mdims = 1 ;
132        CCN3:units = "#/cm3" ;
133        CCN3:long_name = "CCN concentration at S=0.1%" ;
134        CCN3:cell_methods = "time: mean" ;
135    float CDNUMC(time, lat, lon) ;
136        CDNUMC:units = "1/m2" ;
137        CDNUMC:long_name = "Vertically–integrated droplet concentration" ;
138        CDNUMC:cell_methods = "time: mean" ;
139    float CLDHGH(time, lat, lon) ;
140        CLDHGH:units = "fraction" ;
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```
141          CLDHGH:long_name = "Vertically−integrated high cloud" ;
142          CLDHGH:cell_methods = "time: mean" ;
143      float CLDICE(time, lev, lat, lon) ;
144          CLDICE:mdims = 1 ;
145          CLDICE:units = "kg/kg" ;
146          CLDICE:long_name = "Grid box averaged cloud ice amount" ;
147          CLDICE:cell_methods = "time: mean" ;
148      float CLDLIQ(time, lev, lat, lon) ;
149          CLDLIQ:mdims = 1 ;
150          CLDLIQ:units = "kg/kg" ;
151          CLDLIQ:long_name = "Grid box averaged cloud liquid amount" ;
152          CLDLIQ:cell_methods = "time: mean" ;
153      float CLDLOW(time, lat, lon) ;
154          CLDLOW:units = "fraction" ;
155          CLDLOW:long_name = "Vertically−integrated low cloud" ;
156          CLDLOW:cell_methods = "time: mean" ;
157      float CLDMED(time, lat, lon) ;
158          CLDMED:units = "fraction" ;
159          CLDMED:long_name = "Vertically−integrated mid−level cloud" ;
160          CLDMED:cell_methods = "time: mean" ;
161      float CLDTOT(time, lat, lon) ;
162          CLDTOT:units = "fraction" ;
163          CLDTOT:long_name = "Vertically−integrated total cloud" ;
164          CLDTOT:cell_methods = "time: mean" ;
165      float CLOUD(time, lev, lat, lon) ;
166          CLOUD:mdims = 1 ;
167          CLOUD:units = "fraction" ;
168          CLOUD:long_name = "Cloud fraction" ;
169          CLOUD:cell_methods = "time: mean" ;
170      float DCQ(time, lev, lat, lon) ;
171          DCQ:mdims = 1 ;
172          DCQ:units = "kg/kg/s" ;
173          DCQ:long_name = "Q tendency due to moist processes" ;
174          DCQ:cell_methods = "time: mean" ;
175      float DMS_SRF(time, lat, lon) ;
176          DMS_SRF:units = "kg/kg" ;
177          DMS_SRF:long_name = "DMS in bottom layer" ;
178          DMS_SRF:cell_methods = "time: mean" ;
179      float DTCOND(time, lev, lat, lon) ;
180          DTCOND:mdims = 1 ;
181          DTCOND:units = "K/s" ;
182          DTCOND:long_name = "T tendency − moist processes" ;
183          DTCOND:cell_methods = "time: mean" ;
184      float DTV(time, lev, lat, lon) ;
185          DTV:mdims = 1 ;
186          DTV:units = "K/s" ;
187          DTV:long_name = "T vertical diffusion" ;
188          DTV:cell_methods = "time: mean" ;
189      float EMISCLD(time, lev, lat, lon) ;
190          EMISCLD:mdims = 1 ;
191          EMISCLD:units = "1" ;
192          EMISCLD:long_name = "cloud emissivity" ;
193          EMISCLD:cell_methods = "time: mean" ;
194      float FICE(time, lev, lat, lon) ;
195          FICE:mdims = 1 ;
196          FICE:units = "fraction" ;
197          FICE:long_name = "Fractional ice content within cloud" ;
198          FICE:cell_methods = "time: mean" ;
199      float FLDS(time, lat, lon) ;
200          FLDS:Sampling_Sequence = "rad_lwsw" ;
201          FLDS:units = "W/m2" ;
202          FLDS:long_name = "Downwelling longwave flux at surface" ;
203          FLDS:cell_methods = "time: mean" ;
204      float FLNS(time, lat, lon) ;
205          FLNS:Sampling_Sequence = "rad_lwsw" ;
206          FLNS:units = "W/m2" ;
207          FLNS:long_name = "Net longwave flux at surface" ;
208          FLNS:cell_methods = "time: mean" ;
209      float FLNSC(time, lat, lon) ;
210          FLNSC:Sampling_Sequence = "rad_lwsw" ;
```

```
211         FLNSC:units = "W/m2" ;
212         FLNSC:long_name = "Clearsky net longwave flux at surface" ;
213         FLNSC:cell_methods = "time: mean" ;
214     float FLNT(time, lat, lon) ;
215         FLNT:Sampling_Sequence = "rad_lwsw" ;
216         FLNT:units = "W/m2" ;
217         FLNT:long_name = "Net longwave flux at top of model" ;
218         FLNT:cell_methods = "time: mean" ;
219     float FLNTC(time, lat, lon) ;
220         FLNTC:Sampling_Sequence = "rad_lwsw" ;
221         FLNTC:units = "W/m2" ;
222         FLNTC:long_name = "Clearsky net longwave flux at top of model" ;
223         FLNTC:cell_methods = "time: mean" ;
224     float FLUT(time, lat, lon) ;
225         FLUT:Sampling_Sequence = "rad_lwsw" ;
226         FLUT:units = "W/m2" ;
227         FLUT:long_name = "Upwelling longwave flux at top of model" ;
228         FLUT:cell_methods = "time: mean" ;
229     float FLUTC(time, lat, lon) ;
230         FLUTC:Sampling_Sequence = "rad_lwsw" ;
231         FLUTC:units = "W/m2" ;
232         FLUTC:long_name = "Clearsky upwelling longwave flux at top of model" ;
233         FLUTC:cell_methods = "time: mean" ;
234     float FREQI(time, lev, lat, lon) ;
235         FREQI:mdims = 1 ;
236         FREQI:units = "fraction" ;
237         FREQI:long_name = "Fractional occurrence of ice" ;
238         FREQI:cell_methods = "time: mean" ;
239     float FREQL(time, lev, lat, lon) ;
240         FREQL:mdims = 1 ;
241         FREQL:units = "fraction" ;
242         FREQL:long_name = "Fractional occurrence of liquid" ;
243         FREQL:cell_methods = "time: mean" ;
244     float FREQR(time, lev, lat, lon) ;
245         FREQR:mdims = 1 ;
246         FREQR:units = "fraction" ;
247         FREQR:long_name = "Fractional occurrence of rain" ;
248         FREQR:cell_methods = "time: mean" ;
249     float FREQS(time, lev, lat, lon) ;
250         FREQS:mdims = 1 ;
251         FREQS:units = "fraction" ;
252         FREQS:long_name = "Fractional occurrence of snow" ;
253         FREQS:cell_methods = "time: mean" ;
254     float FSDS(time, lat, lon) ;
255         FSDS:Sampling_Sequence = "rad_lwsw" ;
256         FSDS:units = "W/m2" ;
257         FSDS:long_name = "Downwelling solar flux at surface" ;
258         FSDS:cell_methods = "time: mean" ;
259     float FSDSC(time, lat, lon) ;
260         FSDSC:Sampling_Sequence = "rad_lwsw" ;
261         FSDSC:units = "W/m2" ;
262         FSDSC:long_name = "Clearsky downwelling solar flux at surface" ;
263         FSDSC:cell_methods = "time: mean" ;
264     float FSNS(time, lat, lon) ;
265         FSNS:Sampling_Sequence = "rad_lwsw" ;
266         FSNS:units = "W/m2" ;
267         FSNS:long_name = "Net solar flux at surface" ;
268         FSNS:cell_methods = "time: mean" ;
269     float FSNSC(time, lat, lon) ;
270         FSNSC:Sampling_Sequence = "rad_lwsw" ;
271         FSNSC:units = "W/m2" ;
272         FSNSC:long_name = "Clearsky net solar flux at surface" ;
273         FSNSC:cell_methods = "time: mean" ;
274     float FSNT(time, lat, lon) ;
275         FSNT:Sampling_Sequence = "rad_lwsw" ;
276         FSNT:units = "W/m2" ;
277         FSNT:long_name = "Net solar flux at top of model" ;
278         FSNT:cell_methods = "time: mean" ;
279     float FSNTC(time, lat, lon) ;
280         FSNTC:Sampling_Sequence = "rad_lwsw" ;
```

```
281    FSNTC:units = "W/m2" ;
282    FSNTC:long_name = "Clearsky net solar flux at top of model" ;
283    FSNTC:cell_methods = "time: mean" ;
284  float FSNTOA(time, lat, lon) ;
285    FSNTOA:Sampling_Sequence = "rad_lwsw" ;
286    FSNTOA:units = "W/m2" ;
287    FSNTOA:long_name = "Net solar flux at top of atmosphere" ;
288    FSNTOA:cell_methods = "time: mean" ;
289  float FSNTOAC(time, lat, lon) ;
290    FSNTOAC:Sampling_Sequence = "rad_lwsw" ;
291    FSNTOAC:units = "W/m2" ;
292    FSNTOAC:long_name = "Clearsky net solar flux at top of atmosphere" ;
293    FSNTOAC:cell_methods = "time: mean" ;
294  float FSUTOA(time, lat, lon) ;
295    FSUTOA:Sampling_Sequence = "rad_lwsw" ;
296    FSUTOA:units = "W/m2" ;
297    FSUTOA:long_name = "Upwelling solar flux at top of atmosphere" ;
298    FSUTOA:cell_methods = "time: mean" ;
299  float H2O2_SRF(time, lat, lon) ;
300    H2O2_SRF:units = "kg/kg" ;
301    H2O2_SRF:long_name = "H2O2 in bottom layer" ;
302    H2O2_SRF:cell_methods = "time: mean" ;
303  float H2SO4_SRF(time, lat, lon) ;
304    H2SO4_SRF:units = "kg/kg" ;
305    H2SO4_SRF:long_name = "H2SO4 in bottom layer" ;
306    H2SO4_SRF:cell_methods = "time: mean" ;
307  float ICEFRAC(time, lat, lon) ;
308    ICEFRAC:units = "fraction" ;
309    ICEFRAC:long_name = "Fraction of sfc area covered by sea–ice" ;
310    ICEFRAC:cell_methods = "time: mean" ;
311  float ICIMR(time, lev, lat, lon) ;
312    ICIMR:mdims = 1 ;
313    ICIMR:units = "kg/kg" ;
314    ICIMR:long_name = "Prognostic in-cloud ice mixing ratio" ;
315    ICIMR:cell_methods = "time: mean" ;
316  float ICWMR(time, lev, lat, lon) ;
317    ICWMR:mdims = 1 ;
318    ICWMR:units = "kg/kg" ;
319    ICWMR:long_name = "Prognostic in-cloud water mixing ratio" ;
320    ICWMR:cell_methods = "time: mean" ;
321  float IWC(time, lev, lat, lon) ;
322    IWC:mdims = 1 ;
323    IWC:units = "kg/m3" ;
324    IWC:long_name = "Grid box average ice water content" ;
325    IWC:cell_methods = "time: mean" ;
326  float LANDFRAC(time, lat, lon) ;
327    LANDFRAC:units = "fraction" ;
328    LANDFRAC:long_name = "Fraction of sfc area covered by land" ;
329    LANDFRAC:cell_methods = "time: mean" ;
330  float LHFLX(time, lat, lon) ;
331    LHFLX:units = "W/m2" ;
332    LHFLX:long_name = "Surface latent heat flux" ;
333    LHFLX:cell_methods = "time: mean" ;
334  float LWCF(time, lat, lon) ;
335    LWCF:Sampling_Sequence = "rad_lwsw" ;
336    LWCF:units = "W/m2" ;
337    LWCF:long_name = "Longwave cloud forcing" ;
338    LWCF:cell_methods = "time: mean" ;
339  float NUMICE(time, lev, lat, lon) ;
340    NUMICE:mdims = 1 ;
341    NUMICE:units = "1/kg" ;
342    NUMICE:long_name = "Grid box averaged cloud ice number" ;
343    NUMICE:cell_methods = "time: mean" ;
344  float NUMLIQ(time, lev, lat, lon) ;
345    NUMLIQ:mdims = 1 ;
346    NUMLIQ:units = "1/kg" ;
347    NUMLIQ:long_name = "Grid box averaged cloud liquid number" ;
348    NUMLIQ:cell_methods = "time: mean" ;
349  float OCNFRAC(time, lat, lon) ;
350    OCNFRAC:units = "fraction" ;
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351 |     OCNFRAC:long_name = "Fraction of sfc area covered by ocean" ;
352 |     OCNFRAC:cell_methods = "time: mean" ;
353 | float OMEGA(time, lev, lat, lon) ;
354 |     OMEGA:mdims = 1 ;
355 |     OMEGA:units = "Pa/s" ;
356 |     OMEGA:long_name = "Vertical velocity (pressure)" ;
357 |     OMEGA:cell_methods = "time: mean" ;
358 | float OMEGAT(time, lev, lat, lon) ;
359 |     OMEGAT:mdims = 1 ;
360 |     OMEGAT:units = "K Pa/s" ;
361 |     OMEGAT:long_name = "Vertical heat flux" ;
362 |     OMEGAT:cell_methods = "time: mean" ;
363 | float ORO(time, lat, lon) ;
364 |     ORO:units = "frac" ;
365 |     ORO:long_name = "ORO" ;
366 |     ORO:cell_methods = "time: mean" ;
367 | double P0 ;
368 |     P0:long_name = "reference pressure" ;
369 |     P0:units = "Pa" ;
370 | float PBLH(time, lat, lon) ;
371 |     PBLH:units = "m" ;
372 |     PBLH:long_name = "PBL height" ;
373 |     PBLH:cell_methods = "time: mean" ;
374 | float PHIS(time, lat, lon) ;
375 |     PHIS:units = "m2/s2" ;
376 |     PHIS:long_name = "Surface geopotential" ;
377 | float PRECC(time, lat, lon) ;
378 |     PRECC:units = "m/s" ;
379 |     PRECC:long_name = "Convective precipitation rate (liq + ice)" ;
380 |     PRECC:cell_methods = "time: mean" ;
381 | float PRECL(time, lat, lon) ;
382 |     PRECL:units = "m/s" ;
383 |     PRECL:long_name = "Large–scale (stable) precipitation rate (liq + ice)" ;
384 |     PRECL:cell_methods = "time: mean" ;
385 | float PRECSC(time, lat, lon) ;
386 |     PRECSC:units = "m/s" ;
387 |     PRECSC:long_name = "Convective snow rate (water equivalent)" ;
388 |     PRECSC:cell_methods = "time: mean" ;
389 | float PRECSL(time, lat, lon) ;
390 |     PRECSL:units = "m/s" ;
391 |     PRECSL:long_name = "Large–scale (stable) snow rate (water equivalent)" ;
392 |     PRECSL:cell_methods = "time: mean" ;
393 | float PS(time, lat, lon) ;
394 |     PS:units = "Pa" ;
395 |     PS:long_name = "Surface pressure" ;
396 |     PS:cell_methods = "time: mean" ;
397 | float PSL(time, lat, lon) ;
398 |     PSL:units = "Pa" ;
399 |     PSL:long_name = "Sea level pressure" ;
400 |     PSL:cell_methods = "time: mean" ;
401 | float Q(time, lev, lat, lon) ;
402 |     Q:mdims = 1 ;
403 |     Q:units = "kg/kg" ;
404 |     Q:long_name = "Specific humidity" ;
405 |     Q:cell_methods = "time: mean" ;
406 | float QFLX(time, lat, lon) ;
407 |     QFLX:units = "kg/m2/s" ;
408 |     QFLX:long_name = "Surface water flux" ;
409 |     QFLX:cell_methods = "time: mean" ;
410 | float QREFHT(time, lat, lon) ;
411 |     QREFHT:units = "kg/kg" ;
412 |     QREFHT:long_name = "Reference height humidity" ;
413 |     QREFHT:cell_methods = "time: mean" ;
414 | float QRL(time, lev, lat, lon) ;
415 |     QRL:mdims = 1 ;
416 |     QRL:Sampling_Sequence = "rad_lwsw" ;
417 |     QRL:units = "K/s" ;
418 |     QRL:long_name = "Longwave heating rate" ;
419 |     QRL:cell_methods = "time: mean" ;
420 | float QRS(time, lev, lat, lon) ;
```

```
421 ||        QRS:mdims = 1 ;
422 ||        QRS:Sampling_Sequence = "rad_lwsw" ;
423 ||        QRS:units = "K/s" ;
424 ||        QRS:long_name = "Solar heating rate" ;
425 ||        QRS:cell_methods = "time: mean" ;
426 ||     float RELHUM(time, lev, lat, lon) ;
427 ||        RELHUM:mdims = 1 ;
428 ||        RELHUM:units = "percent" ;
429 ||        RELHUM:long_name = "Relative humidity" ;
430 ||        RELHUM:cell_methods = "time: mean" ;
431 ||     float SHFLX(time, lat, lon) ;
432 ||        SHFLX:units = "W/m2" ;
433 ||        SHFLX:long_name = "Surface sensible heat flux" ;
434 ||        SHFLX:cell_methods = "time: mean" ;
435 ||     float SNOWHICE(time, lat, lon) ;
436 ||        SNOWHICE:units = "m" ;
437 ||        SNOWHICE:long_name = "Snow depth over ice" ;
438 ||        SNOWHICE:cell_methods = "time: mean" ;
439 ||     float SNOWHLND(time, lat, lon) ;
440 ||        SNOWHLND:units = "m" ;
441 ||        SNOWHLND:long_name = "Water equivalent snow depth" ;
442 ||        SNOWHLND:cell_methods = "time: mean" ;
443 ||     float SO2_SRF(time, lat, lon) ;
444 ||        SO2_SRF:units = "kg/kg" ;
445 ||        SO2_SRF:long_name = "SO2 in bottom layer" ;
446 ||        SO2_SRF:cell_methods = "time: mean" ;
447 ||     float SOAG_SRF(time, lat, lon) ;
448 ||        SOAG_SRF:units = "kg/kg" ;
449 ||        SOAG_SRF:long_name = "SOAG in bottom layer" ;
450 ||        SOAG_SRF:cell_methods = "time: mean" ;
451 ||     float SOLIN(time, lat, lon) ;
452 ||        SOLIN:Sampling_Sequence = "rad_lwsw" ;
453 ||        SOLIN:units = "W/m2" ;
454 ||        SOLIN:long_name = "Solar insolation" ;
455 ||        SOLIN:cell_methods = "time: mean" ;
456 ||     float SWCF(time, lat, lon) ;
457 ||        SWCF:Sampling_Sequence = "rad_lwsw" ;
458 ||        SWCF:units = "W/m2" ;
459 ||        SWCF:long_name = "Shortwave cloud forcing" ;
460 ||        SWCF:cell_methods = "time: mean" ;
461 ||     float T(time, lev, lat, lon) ;
462 ||        T:mdims = 1 ;
463 ||        T:units = "K" ;
464 ||        T:long_name = "Temperature" ;
465 ||        T:cell_methods = "time: mean" ;
466 ||     float TAUX(time, lat, lon) ;
467 ||        TAUX:units = "N/m2" ;
468 ||        TAUX:long_name = "Zonal surface stress" ;
469 ||        TAUX:cell_methods = "time: mean" ;
470 ||     float TAUY(time, lat, lon) ;
471 ||        TAUY:units = "N/m2" ;
472 ||        TAUY:long_name = "Meridional surface stress" ;
473 ||        TAUY:cell_methods = "time: mean" ;
474 ||     float TGCLDCWP(time, lat, lon) ;
475 ||        TGCLDCWP:units = "kg/m2" ;
476 ||        TGCLDCWP:long_name = "Total grid-box cloud water path (liquid and ice)" ;
477 ||        TGCLDCWP:cell_methods = "time: mean" ;
478 ||     float TGCLDIWP(time, lat, lon) ;
479 ||        TGCLDIWP:units = "kg/m2" ;
480 ||        TGCLDIWP:long_name = "Total grid-box cloud ice water path" ;
481 ||        TGCLDIWP:cell_methods = "time: mean" ;
482 ||     float TGCLDLWP(time, lat, lon) ;
483 ||        TGCLDLWP:units = "kg/m2" ;
484 ||        TGCLDLWP:long_name = "Total grid-box cloud liquid water path" ;
485 ||        TGCLDLWP:cell_methods = "time: mean" ;
486 ||     float TMQ(time, lat, lon) ;
487 ||        TMQ:units = "kg/m2" ;
488 ||        TMQ:long_name = "Total (vertically integrated) precipitable water" ;
489 ||        TMQ:cell_methods = "time: mean" ;
490 ||     float TREFHT(time, lat, lon) ;
```

```
491        TREFHT:units = "K" ;
492        TREFHT:long_name = "Reference height temperature" ;
493        TREFHT:cell_methods = "time: mean" ;
494    float TS(time, lat, lon) ;
495        TS:units = "K" ;
496        TS:long_name = "Surface temperature (radiative)" ;
497        TS:cell_methods = "time: mean" ;
498    float TSMN(time, lat, lon) ;
499        TSMN:units = "K" ;
500        TSMN:long_name = "Minimum surface temperature over output period" ;
501        TSMN:cell_methods = "time: minimum" ;
502    float TSMX(time, lat, lon) ;
503        TSMX:units = "K" ;
504        TSMX:long_name = "Maximum surface temperature over output period" ;
505        TSMX:cell_methods = "time: maximum" ;
506    float U(time, lev, lat, lon) ;
507        U:mdims = 1 ;
508        U:units = "m/s" ;
509        U:long_name = "Zonal wind" ;
510        U:cell_methods = "time: mean" ;
511    float U10(time, lat, lon) ;
512        U10:units = "m/s" ;
513        U10:long_name = "10m wind speed" ;
514        U10:cell_methods = "time: mean" ;
515    float UU(time, lev, lat, lon) ;
516        UU:mdims = 1 ;
517        UU:units = "m2/s2" ;
518        UU:long_name = "Zonal velocity squared" ;
519        UU:cell_methods = "time: mean" ;
520    float V(time, lev, lat, lon) ;
521        V:mdims = 1 ;
522        V:units = "m/s" ;
523        V:long_name = "Meridional wind" ;
524        V:cell_methods = "time: mean" ;
525    float VD01(time, lev, lat, lon) ;
526        VD01:mdims = 1 ;
527        VD01:units = "kg/kg/s" ;
528        VD01:long_name = "Vertical diffusion of Q" ;
529        VD01:cell_methods = "time: mean" ;
530    float VQ(time, lev, lat, lon) ;
531        VQ:mdims = 1 ;
532        VQ:units = "m/skg/kg" ;
533        VQ:long_name = "Meridional water transport" ;
534        VQ:cell_methods = "time: mean" ;
535    float VT(time, lev, lat, lon) ;
536        VT:mdims = 1 ;
537        VT:units = "K m/s" ;
538        VT:long_name = "Meridional heat transport" ;
539        VT:cell_methods = "time: mean" ;
540    float VU(time, lev, lat, lon) ;
541        VU:mdims = 1 ;
542        VU:units = "m2/s2" ;
543        VU:long_name = "Meridional flux of zonal momentum" ;
544        VU:cell_methods = "time: mean" ;
545    float VV(time, lev, lat, lon) ;
546        VV:mdims = 1 ;
547        VV:units = "m2/s2" ;
548        VV:long_name = "Meridional velocity squared" ;
549        VV:cell_methods = "time: mean" ;
550    float WGUSTD(time, lat, lon) ;
551        WGUSTD:units = "m/s" ;
552        WGUSTD:long_name = "wind gusts from turbulence" ;
553        WGUSTD:cell_methods = "time: mean" ;
554    float WSUB(time, lev, lat, lon) ;
555        WSUB:mdims = 1 ;
556        WSUB:units = "m/s" ;
557        WSUB:long_name = "Diagnostic sub-grid vertical velocity" ;
558        WSUB:cell_methods = "time: mean" ;
559    float Z3(time, lev, lat, lon) ;
560        Z3:mdims = 1 ;
```

```
561          Z3:units = "m" ;
562          Z3:long_name = "Geopotential Height (above sea level)" ;
563          Z3:cell_methods = "time: mean" ;
564      float bc_a1_SRF(time, lat, lon) ;
565          bc_a1_SRF:units = "kg/kg" ;
566          bc_a1_SRF:long_name = "bc_a1 in bottom layer" ;
567          bc_a1_SRF:cell_methods = "time: mean" ;
568      double ch4vmr(time) ;
569          ch4vmr:long_name = "ch4 volume mixing ratio" ;
570      double co2vmr(time) ;
571          co2vmr:long_name = "co2 volume mixing ratio" ;
572      int date(time) ;
573          date:long_name = "current date (YYYYMMDD)" ;
574      int datesec(time) ;
575          datesec:long_name = "current seconds of current date" ;
576      float dst_a1SF(time, lat, lon) ;
577          dst_a1SF:units = "kg/m2/s" ;
578          dst_a1SF:long_name = "dst_a1 dust surface emission" ;
579          dst_a1SF:cell_methods = "time: mean" ;
580      float dst_a1_SRF(time, lat, lon) ;
581          dst_a1_SRF:units = "kg/kg" ;
582          dst_a1_SRF:long_name = "dst_a1 in bottom layer" ;
583          dst_a1_SRF:cell_methods = "time: mean" ;
584      float dst_a3SF(time, lat, lon) ;
585          dst_a3SF:units = "kg/m2/s" ;
586          dst_a3SF:long_name = "dst_a3 dust surface emission" ;
587          dst_a3SF:cell_methods = "time: mean" ;
588      float dst_a3_SRF(time, lat, lon) ;
589          dst_a3_SRF:units = "kg/kg" ;
590          dst_a3_SRF:long_name = "dst_a3 in bottom layer" ;
591          dst_a3_SRF:cell_methods = "time: mean" ;
592      double f11vmr(time) ;
593          f11vmr:long_name = "f11 volume mixing ratio" ;
594      double f12vmr(time) ;
595          f12vmr:long_name = "f12 volume mixing ratio" ;
596      double gw(lat) ;
597          gw:long_name = "gauss weights" ;
598      double hyai(ilev) ;
599          hyai:long_name = "hybrid A coefficient at layer interfaces" ;
600      double hyam(lev) ;
601          hyam:long_name = "hybrid A coefficient at layer midpoints" ;
602      double hybi(ilev) ;
603          hybi:long_name = "hybrid B coefficient at layer interfaces" ;
604      double hybm(lev) ;
605          hybm:long_name = "hybrid B coefficient at layer midpoints" ;
606      double ilev(ilev) ;
607          ilev:long_name = "hybrid level at interfaces (1000*(A+B))" ;
608          ilev:units = "level" ;
609          ilev:positive = "down" ;
610          ilev:standard_name = "atmosphere_hybrid_sigma_pressure_coordinate" ;
611          ilev:formula_terms = "a: hyai b: hybi p0: P0 ps: PS" ;
612      double lat(lat) ;
613          lat:long_name = "latitude" ;
614          lat:units = "degrees_north" ;
615      double lev(lev) ;
616          lev:long_name = "hybrid level at midpoints (1000*(A+B))" ;
617          lev:units = "level" ;
618          lev:positive = "down" ;
619          lev:standard_name = "atmosphere_hybrid_sigma_pressure_coordinate" ;
620          lev:formula_terms = "a: hyam b: hybm p0: P0 ps: PS" ;
621      double lon(lon) ;
622          lon:long_name = "longitude" ;
623          lon:units = "degrees_east" ;
624      int mdt ;
625          mdt:long_name = "timestep" ;
626          mdt:units = "s" ;
627      double n2ovmr(time) ;
628          n2ovmr:long_name = "n2o volume mixing ratio" ;
629      int nbdate ;
630          nbdate:long_name = "base date (YYYYMMDD)" ;
```

```
631         int nbsec ;
632             nbsec:long_name = "seconds of base date" ;
633         float ncl_a1_SRF(time, lat, lon) ;
634             ncl_a1_SRF:units = "kg/kg" ;
635             ncl_a1_SRF:long_name = "ncl_a1 in bottom layer" ;
636             ncl_a1_SRF:cell_methods = "time: mean" ;
637         float ncl_a2_SRF(time, lat, lon) ;
638             ncl_a2_SRF:units = "kg/kg" ;
639             ncl_a2_SRF:long_name = "ncl_a2 in bottom layer" ;
640             ncl_a2_SRF:cell_methods = "time: mean" ;
641         float ncl_a3_SRF(time, lat, lon) ;
642             ncl_a3_SRF:units = "kg/kg" ;
643             ncl_a3_SRF:long_name = "ncl_a3 in bottom layer" ;
644             ncl_a3_SRF:cell_methods = "time: mean" ;
645         int ndbase ;
646             ndbase:long_name = "base day" ;
647         int ndcur(time) ;
648             ndcur:long_name = "current day (from base day)" ;
649         int nlon(lat) ;
650             nlon:long_name = "number of longitudes" ;
651         int nsbase ;
652             nsbase:long_name = "seconds of base day" ;
653         int nscur(time) ;
654             nscur:long_name = "current seconds of current day" ;
655         int nsteph(time) ;
656             nsteph:long_name = "current timestep" ;
657         int ntrk ;
658             ntrk:long_name = "spectral truncation parameter K" ;
659         int ntrm ;
660             ntrm:long_name = "spectral truncation parameter M" ;
661         int ntrn ;
662             ntrn:long_name = "spectral truncation parameter N" ;
663         float num_a1_SRF(time, lat, lon) ;
664             num_a1_SRF:units = " 1/kg" ;
665             num_a1_SRF:long_name = "num_a1 in bottom layer" ;
666             num_a1_SRF:cell_methods = "time: mean" ;
667         float num_a2_SRF(time, lat, lon) ;
668             num_a2_SRF:units = " 1/kg" ;
669             num_a2_SRF:long_name = "num_a2 in bottom layer" ;
670             num_a2_SRF:cell_methods = "time: mean" ;
671         float num_a3_SRF(time, lat, lon) ;
672             num_a3_SRF:units = " 1/kg" ;
673             num_a3_SRF:long_name = "num_a3 in bottom layer" ;
674             num_a3_SRF:cell_methods = "time: mean" ;
675         float pom_a1_SRF(time, lat, lon) ;
676             pom_a1_SRF:units = "kg/kg" ;
677             pom_a1_SRF:long_name = "pom_a1 in bottom layer" ;
678             pom_a1_SRF:cell_methods = "time: mean" ;
679         double slat(slat) ;
680             slat:long_name = "staggered latitude" ;
681             slat:units = "degrees_north" ;
682         double slon(slon) ;
683             slon:long_name = "staggered longitude" ;
684             slon:units = "degrees_east" ;
685         float so4_a1_SRF(time, lat, lon) ;
686             so4_a1_SRF:units = "kg/kg" ;
687             so4_a1_SRF:long_name = "so4_a1 in bottom layer" ;
688             so4_a1_SRF:cell_methods = "time: mean" ;
689         float so4_a2_SRF(time, lat, lon) ;
690             so4_a2_SRF:units = "kg/kg" ;
691             so4_a2_SRF:long_name = "so4_a2 in bottom layer" ;
692             so4_a2_SRF:cell_methods = "time: mean" ;
693         float so4_a3_SRF(time, lat, lon) ;
694             so4_a3_SRF:units = "kg/kg" ;
695             so4_a3_SRF:long_name = "so4_a3 in bottom layer" ;
696             so4_a3_SRF:cell_methods = "time: mean" ;
697         float soa_a1_SRF(time, lat, lon) ;
698             soa_a1_SRF:units = "kg/kg" ;
699             soa_a1_SRF:long_name = "soa_a1 in bottom layer" ;
700             soa_a1_SRF:cell_methods = "time: mean" ;
```

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```
701        float soa_a2_SRF(time, lat, lon) ;
702            soa_a2_SRF:units = "kg/kg" ;
703            soa_a2_SRF:long_name = "soa_a2 in bottom layer" ;
704            soa_a2_SRF:cell_methods = "time: mean" ;
705        double sol_tsi(time) ;
706            sol_tsi:long_name = "total solar irradiance" ;
707            sol_tsi:units = "W/m2" ;
708        double time(time) ;
709            time:long_name = "time" ;
710            time:units = "days since 0011-03-20 00:00:00" ;
711            time:calendar = "noleap" ;
712            time:bounds = "time_bnds" ;
713        double time_bnds(time, nbnd) ;
714            time_bnds:long_name = "time interval endpoints" ;
715        double w_stag(slat) ;
716            w_stag:long_name = "staggered latitude weights" ;
717        int wnummax(lat) ;
718            wnummax:long_name = "cutoff Fourier wavenumber" ;
719
720  // global attributes:
721            :Conventions = "CF-1.0" ;
722            :source = "CAM" ;
723            :case = "B_1850_CAM5.30days.cam0400.clm0400.ens" ;
724            :title = "UNSET" ;
725            :logname = "baird" ;
726            :host = "r6i1n6" ;
727            :Version = "$Name$" ;
728            :revision_Id = "$Id$" ;
729            :initial_file = "B_1850_CAM5.10years.cam0400.clm0400.cam.i.0011-03-20-00000.nc" ;
730            :topography_file = "/glade/p/cesmdata/cseg/inputdata/atm/cam/topo/USGS-gtopo30_1.9x2.5_remap_c050602.nc"
     …        ;
731            :history = "Thu May 31 19:24:24 2018: ncrcat
     …        B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011-03-20-00000_ens_mean.nc
     …        B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011-03-21-00000_ens_mean.nc
     …        B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011-03-22-00000_ens_mean.nc
     …        B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011-03-23-00000_ens_mean.nc
     …        B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011-03-24-00000_ens_mean.nc
     …        B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011-03-25-00000_ens_mean.nc
     …        B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011-03-26-00000_ens_mean.nc
     …        B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011-03-27-00000_ens_mean.nc
     …        B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011-03-28-00000_ens_mean.nc
     …        B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011-03-29-00000_ens_mean.nc
     …        B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011-03-30-00000_ens_mean.nc
     …        B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011-03-31-00000_ens_mean.nc
     …        B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011-04-01-00000_ens_mean.nc
     …        B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011-04-02-00000_ens_mean.nc
     …        B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011-04-03-00000_ens_mean.nc
     …        B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011-04-04-00000_ens_mean.nc
     …        B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011-04-05-00000_ens_mean.nc
     …        B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011-04-06-00000_ens_mean.nc
     …        B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011-04-07-00000_ens_mean.nc
     …        B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011-04-08-00000_ens_mean.nc
     …        B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011-04-09-00000_ens_mean.nc
     …        B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011-04-10-00000_ens_mean.nc
     …        B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011-04-11-00000_ens_mean.nc
     …        B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011-04-12-00000_ens_mean.nc
     …        B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011-04-13-00000_ens_mean.nc
     …        B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011-04-14-00000_ens_mean.nc
     …        B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011-04-15-00000_ens_mean.nc
     …        B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011-04-16-00000_ens_mean.nc
     …        B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011-04-17-00000_ens_mean.nc
     …        B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011-04-18-00000_ens_mean.nc
     …        B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011-04-19-00000_ens_mean.nc
     …        B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011-04-20-00000_ens_mean.nc
     …        B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011-03-20-0000_0011-04-20-0000_ens_mean.nc\n",
732            "Wed May 30 17:18:14 2018: ncks -O -x -v time_written,date_written
     …            B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011-03-20-00000_ens_mean.nc
     …            B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011-03-20-00000_ens_mean.nc\n",
733            "Thu May 24 18:59:32 2018: ncea -O
     …            /beegfs/DATA/pritchard/blangenb/CESM_ARCHIVE/B_1850_CAM5.30days.cam0400.clm0400.ens_10members/
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733…      B_1850_CAM5.30days.cam0400.clm0400.ens01/atm/hist/B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011–
  …      03–20–00000.nc
  …      /beegfs/DATA/pritchard/blangenb/CESM_ARCHIVE/B_1850_CAM5.30days.cam0400.clm0400.ens_10members/
  …      B_1850_CAM5.30days.cam0400.clm0400.ens02/atm/hist/B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011–
  …      03–20–00000.nc
  …      /beegfs/DATA/pritchard/blangenb/CESM_ARCHIVE/B_1850_CAM5.30days.cam0400.clm0400.ens_10members/
  …      B_1850_CAM5.30days.cam0400.clm0400.ens03/atm/hist/B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011–
  …      03–20–00000.nc
  …      /beegfs/DATA/pritchard/blangenb/CESM_ARCHIVE/B_1850_CAM5.30days.cam0400.clm0400.ens_10members/
  …      B_1850_CAM5.30days.cam0400.clm0400.ens04/atm/hist/B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011–
  …      03–20–00000.nc
  …      /beegfs/DATA/pritchard/blangenb/CESM_ARCHIVE/B_1850_CAM5.30days.cam0400.clm0400.ens_10members/
  …      B_1850_CAM5.30days.cam0400.clm0400.ens05/atm/hist/B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011–
  …      03–20–00000.nc
  …      /beegfs/DATA/pritchard/blangenb/CESM_ARCHIVE/B_1850_CAM5.30days.cam0400.clm0400.ens_10members/
  …      B_1850_CAM5.30days.cam0400.clm0400.ens06/atm/hist/B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011–
  …      03–20–00000.nc
  …      /beegfs/DATA/pritchard/blangenb/CESM_ARCHIVE/B_1850_CAM5.30days.cam0400.clm0400.ens_10members/
  …      B_1850_CAM5.30days.cam0400.clm0400.ens07/atm/hist/B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011–
  …      03–20–00000.nc
  …      /beegfs/DATA/pritchard/blangenb/CESM_ARCHIVE/B_1850_CAM5.30days.cam0400.clm0400.ens_10members/
  …      B_1850_CAM5.30days.cam0400.clm0400.ens08/atm/hist/B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011–
  …      03–20–00000.nc
  …      /beegfs/DATA/pritchard/blangenb/CESM_ARCHIVE/B_1850_CAM5.30days.cam0400.clm0400.ens_10members/
  …      B_1850_CAM5.30days.cam0400.clm0400.ens09/atm/hist/B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011–
  …      03–20–00000.nc
  …      /beegfs/DATA/pritchard/blangenb/CESM_ARCHIVE/B_1850_CAM5.30days.cam0400.clm0400.ens_10members/
  …      B_1850_CAM5.30days.cam0400.clm0400.ens10/atm/hist/B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011–
  …      03–20–00000.nc
  …      /beegfs/DATA/pritchard/blangenb/CESM_ARCHIVE/B_1850_CAM5.30days.cam0400.clm0400.ens_10members/
  …      ens_mean_cesm_files/B_1850_CAM5.30days.cam0400.clm0400.ens.cam.h0.0011–03–20–00000_ens_mean.nc" ;
734      :NCO = "4.7.2" ;
735      :nco_openmp_thread_number = 1 ;
736 }
737
```