130 95 st  temperature [K]
138 95 svo vorticity [1/s]
152 1 lsp log surface pressure []
155 95 sd divergence [1/s]
133 95 q specific humidity [kg/kg]
153 95 xl cloud water [kg/kg]
154 95 xi cloud ice [kg/kg]
68 1 fage aging factor of snow on ice []
69 1 snifrac fraction of ice covered with snow []
70 1 barefrac bare ice fraction []
71 1 alsom albedo of melt ponds []
72 1 alsobs albedo of bare ice and snow without ponds []
73 1 sicepdw melt pond depth on sea-ice [m]
74 1 sicepd ice thickness on melt pond [m]
75 1 ticepd ice temperature on frozen melt pond [K]
76 1 sicepres residual heat flux [W/m**2]
77 1 ameltdepth total melt pond depth [m]
78 1 ameltfrac fract area of melt ponds on sea-ice []
79 1 albedo_vis_dir surface albedo visible range direct []
80 1 albedo_nir_dir surface albedo NIR range direct []
81 1 albedo_vis_dir surface albedo visible range diffuse []
82 1 albedo_nir_dir surface albedo NIR range diffuse []
85 1 tradl thermal radiation 200mb [W/m**2]
86 1 sradl solar radiation 200mb [W/m**2]
87 1 tral thermal radiation 200mb (clear sky) [W/m**2]
88 1 srat solar radiation 200mb (clear sky) [W/m**2]
89 1 amlcorac mixed layer flux correction [W/m**2]
91 1 trfliac LW flux over ice [W/m**2]
92 1 trflwac LW flux over water [W/m**2]
93 1 trfilac LW flux over land [W/m**2]
94 1 soflic SW flux over ice [W/m**2]
95 1 soflic SW flux over water [W/m**2]
96 1 soflic SW flux over land [W/m**2]
97 1 friac ice cover (fraction of grid box) []
100 1 albedo_vis surface albedo visible range []
101 1 albedo_nir surface albedo NIR range []
102 1 ts surface temperature of ice [K]
103 1 tsw surface temperature of water [K]
104 1 ustri zonal wind stress over ice [Pa]
105 1 vstri meridional wind stress over ice [Pa]
106 1 ustrw zonal wind stress over water [Pa]
107 1 vstrw meridional wind stress over water [Pa]
108 1 ustrl zonal wind stress over land [Pa]
109 1 vstrl meridional wind stress over land [Pa]
110 1 ahflic
    latent heat flux over ice [W/m**2]
111 1 ahflwac
    latent heat flux over water [W/m**2]
112 1 ahfliac
    latent heat flux over land [W/m**2]
113 1 evapiac
    evaporation over ice [kg/m**2s]
114 1 evapwac
    evaporation over water [kg/m**2s]
115 1 evaplac
    evaporation over land [kg/m**2s]
116 1 azoi
    roughness length over ice [m]
117 1 azow
    roughness length over water [m]
118 1 azol
    roughness length over land [m]
119 1 ahfsciac
    sensible heat flux over ice [W/m**2]
120 1 ahfswac
    sensible heat flux over water [W/m**2]
121 1 ahfslac
    sensible heat flux over land [W/m**2]
122 1 alsoi
    albedo of ice []
123 1 alsow
    albedo of water []
124 1 alsol
    albedo of land []
125 1 ahfice
    conductive heat flux [W/m**2]
126 1 qres
    residual heat flux for melting sea ice [W/m**2]
129 1 geosp
    surface geopotential (orography) [m**2/s**2]
134 1 aps
    surface pressure [Pa]
137 1 apmbe
    vertical integral tendency of water [kg/m**2s]
139 1 tsm1
    surface temperature of land [K]
140 1 ws
    soil wetness [m]
141 1 sn
    snow depth [m]
142 1 aprl
    large scale precipitation [kg/m**2s]
143 1 aprc
    convective precipitation [kg/m**2s]
144 1 aprs
    snow fall [kg/m**2s]
145 1 vdis
    boundary layer dissipation [W/m**2]
146 1 ahfsl
    sensible heat flux [W/m**2]
147 1 ahf1
    latent heat flux [W/m**2]
150 1 xivi
    vertically integrated cloud ice [kg/m**2]
157 95 relhum
    relative humidity []
160 1 runoff
    surface runoff and drainage [kg/m**2s]
161 1 drain
    drainage [kg/m**2s]
164 1 aclcov
    total cloud cover []
165 1 u10
    10m u-velocity [m/s]
166 1 v10
    10m v-velocity [m/s]
167 1 temp2
    2m temperature [K]
168 1 dew2
    2m dew point temperature [K]
169 1 tsurf
    surface temperature [K]
171 1 wind10
    10m windspeed [m/s]
172 1 slm
    land sea mask (1=land, 0=sea/lakes) []
175 1 albedo
    surface albedo []
176 1 srads
    net surface solar radiation [W/m**2]
177 1 trads
    net surface thermal radiation [W/m**2]
178 1 srad0     net top solar radiation [W/m**2]
179 1 trad0     top thermal radiation (OLR) [W/m**2]
180 1 ustr      u-stress [Pa]
181 1 vstr      v-stress [Pa]
182 1 evap       evaporation [kg/m**2s]
184 1 srad0d    top incoming solar radiation [W/m**2]
185 1 srafs     net surface solar radiation (clear sky) [W/m**2]
186 1 trafs     net surface therm radiation (clear sky) [W/m**2]
187 1 sraf0     net top solar radiation (clear sky) [W/m**2]
188 1 traf0     net top thermal radiation (clear sky) [W/m**2]
193 1 wl        skin reservoir content [m]
197 1 vdisgw    gravity wave dissipation [W/m**2]
201 1 t2max     maximum 2m temperature [K]
202 1 t2min     minimum 2m temperature [K]
203 1 srad0u    top solar radiation upward [W/m**2]
204 1 sradsu    surface solar radiation upward [W/m**2]
205 1 tradsu    surface thermal radiation upward [W/m**2]
208 1 ahfcon    conductive heat flux through ice [W/m**2]
209 1 ahfres    melting of ice [W/m**2]
210 1 seaice    ice cover (fraction of 1-SLM) []
211 1 siced     ice depth [m]
213 1 gld       glacier depth [m]
214 1 sni       water equivalent of snow on ice [m]
216 1 wimax     maximum 10m-wind speed [m/s]
217 1 topmax    max height of conv cloud tops [Pa]
218 1 snmel     snow melt [kg/m**2s]
221 1 apmegl    P-E over land ice [kg/m**2s]
222 1 snacl     snow accumulation over land [kg/m**2s]
223 95 aclcac   cloud cover []
229 1 wsmx      field capacity of soil [m]
230 1 qvi       vertically integrated water vapor [kg/m**2]
231 1 xlvii     vertically integrated cloud water [kg/m**2]
232 1 glac      fraction of land covered by glaciers []
233 1 snc       snow depth at the canopy [m]
235 1 abs04     anthropogenic sulfur burden [kg/m**2]
236 95 ao3      IPCC ozone [kg/kg]
237 1 tropo     WMO defined tropopause height [Pa]
238 1 thvsig    stddev virt pot temp at halflev klevml [K]
239 95 tpot     potential temperature [K]