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	sicepdi	ice thickness on melt pond [m]
75	1	tsicepdi	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_dif	surface albedo visible range diffuse []
82	1	albedo_nir_dif	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	trafl	thermal radiation 200mb (clear sky) [W/m**2]
88	1	srafl	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	trfllac	LW flux over land [W/m**2]
94	1	sofliac	SW flux over ice [W/m**2]
95	1	soflwac	SW flux over water [W/m**2]
96	1	sofllac	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	tsi	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	ahfliac	latent heat flux over ice [W/m**2]
111	1	ahflwac	latent heat flux over water [W/m**2]
112	1	ahfllac	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	az0i	roughness length over ice [m]
117	1	az0w	roughness length over water [m]
118	1	az0l	roughness length over land [m]
119	1	ahfsiac	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	apmeb	vertic integr tendenc of water [kg/m**2s]
139	1	tslm1	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	ahfs	sensible heat flux [W/m**2]
147	1	ahfl	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	xlvi	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	abso4	antropogenic 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 klevm1 [K]
239	95	tpot	potential temperature [K]