

Variable	Name	Type	Dimensions	Derived	Units
ACSNOW	Water equivalent of accum. snow depth	Surface	2		kg/m ²
ALBEDO	Albedo	Surface	2		%
CANWAT	Plant canopy surface water	Surface	2		kg/m ²
CLDFRA	Total cloud cover	Surface	2	UPP	%
CLDFRA_HIGH	High level cloud cover	Surface	2	UPP	%
CLDFRA_LOW	Low level cloud cover	Surface	2	UPP	%
CLDFRA_MID	Mid level cloud cover	Surface	2	UPP	%
g5_lat_0	latitude	Coordinate	2		degrees_north
g5_lon_1	longitude	Coordinate	2		degrees_east
g5_rot_2	vector rotation angle	Coordinate	2		radians
GHT	Geopotential height	Atmosphere	3	UPP	gpm
HFX	Sensible heat flux	Surface	2		W/m ²
LH	Latent heat flux	Surface	2		W/m ²
lv_DBL3_I0	layer between two depths below land surface	Coordinate	1		cm
lv_DBL3_I1	layer between two depths below land surface	Coordinate	1		cm
lv_ISBL2	isobaric level	Coordinate	1		hPa
LWDNB	Downward long wave flux	Surface	2		W/m ²
LWDNBC	Clear sky downward long wave flux	Surface	2		W/m ²
LWUPB	Upward long wave flux	Surface	2		W/m ²
LWUPBC	Clear sky upward long wave flux	Surface	2		W/m ²
OMEGA	Pressure vertical velocity	Atmosphere	3	UPP	Pa/s
PCPC	Accumulated total precipitation	Surface	2		kg/m ²
PCPNC	Accumulated large-scale precipitation	Surface	2		kg/m ²
PCPT	Total precipitation	Surface	2		kg/m ²
POTEVP	Accumulated potential evaporation	Surface	2		kg/m ²
PSFC	Surface pressure	Surface	2		Pa
Q2	Specific humidity at 2m height	Surface	2		kg/kg

QBOT	Specific humidity at lowest model level	Surface	2		kg/kg
QVAPOR	Specific humidity	Atmosphere	3	UPP	kg/kg
SEAICE	Ice concentration	Surface	2		fraction
SH2O	Liquid volumetric soil moisture (non-frozen)	Soil	3		fraction
SLP	Mean sea level pressure (ETA model)	Surface	2	UPP	Pa
SMOIS	Volumetric soil moisture content	Soil	3		fraction
SNOW	Snow water equivalent	Surface	2		kg/m ²
SNOWC	Snow cover	Surface	2		fraction
SNOWH	Snow depth	Surface	2		m
SWDNB	Downward short wave flux	Surface	2		W/m ²
SWDNBC	Clear sky downward solar flux	Surface	2		W/m ²
SWUPB	Upward short wave flux	Surface	2		W/m ²
SWUPBC	Clear sky upward solar flux	Surface	2		W/m ²
T	Temperature	Atmosphere	3	UPP	K
T2	Temperature at 2m height	Surface	2		K
TBOT	Temperature at lowest model level	Surface	2		K
TSK	Surface skin temperature	Surface	2		K
TSLB	Soil temperature	Surface	2		K
U	u-component of wind	Atmosphere	3		m/s
U10	u-component of wind at 10m height	Surface	2		m/s
UBOT	u-component of wind at lowest model level	Level	2		m/s
V	v-component of wind	Atmosphere	3		m/s
V10	v-component of wind at 10m height	Surface	2		m/s
VBOT	v-component of wind at lowest model level	Level	2		m/s
VEGFRA	Vegetation fraction	Surface	2		%