

Variables	short-name	ID	unit
2 metre temperature	2t	167	K
2 metre dewpoint temperature	2d	168	K
10 metre U wind component	10u	165	$m\ s^{-1}$
10 metre V wind component	10v	166	$m\ s^{-1}$
Geopotential	z	129	$m^{-2}\ s^{-2}$
High cloud cover	hcc	188	0-1
Medium cloud cover	mcc	187	0-1
Low cloud cover	lcc	186	0-1
Low vegetation cover	cvl	27	0-1
High vegetation cover	cvh	28	0-1
Land-Sea Mask	lsm	172	0-1
Sea surface temperature	sst	34	K
Mean sea level pressure	msl	151	Pa
Skin temperature	skt	235	K

OPERATIONEL =

class od

FC	AN
time = 0,12	time = 0,6,12,18
step = 0-125	
SFC	SFC
X	X
X	X
X	X
X	X
X	X
X	X
-	X
-	X
X	X
X	X
X	X
X	X

ERA-Interim = class ei

FC	AN
time = 0,12	time = 0,6,12,18
step = 3/240/3	
SFC	SFC
X	X
X	X
X	X
X	X
X	X
X	X
-	X
-	X
X	X
X	X
X	X
X	X

**ERA5 = class
ea**

FC	AN
time = 6,18	time = 0/23/1
Step = 1/18/1	
SFC	SFC
X	X
X	X
X	X
X	X
X	X
X	X
-	X
-	X
X	X
X	X
X	X
X	X

CERA-20C = class ep

FC	AN
time = 18	time = 0/21/3
step = 3/24/3	
SFC	SFC
X	X
X	X
X	X
X	X
X	X
-	X
-	X
X	X
X	X
X	X
X	X

Snow depth	sd	141	m of water equivalent	X	X	X	X	X	X	X	X
Soil temperature level 1	stl1	139	K	X	X	X	X	X	X	X	X
Standard deviation of orography	sdor	160	-	-	X	-	X	-	X	-	X
surface pressure	sp	134	Pa	-	X	X	-	X	-	X	X
surface roughness	sr	173	m	-	X	-	X	-	-	X	X
Total cloud cover	tcc	164	0-1	X	X	X	X	X	X	X	X
Total column water	tclw	78	kg m ⁻²	X	X	X	X	X	X	X	X
Total column water vapour	tcwv	137	kg m ⁻²	X	X	X	X	X	X	X	X
Volumetric soil water layer 1	swvl1	39	m ³ m ⁻³	X	X	X	X	X	X	X	X
Convective precipitation	cp	143	m	X	-	X	-	X	-	X	-
large-scale precipitation	lsp	142	m	X	-	X	-	X	-	X	-
Surface sensible heat flux	sshf	146	J m ⁻²	X	-	X	-	X	-	X	-
eastward turbulent surface stress	ewss	180	N m ⁻² s	X	-	X	-	X	-	X	-
northward turbulent surface stress	nsss	181	N m ⁻² s	X	-	X	-	X	-	X	-
surface net solar radiation	ssr	176	J m ⁻²	X	-	X	-	X	-	X	-
Forecast surface roughness	fsr	244	m	X	-	-	-	X	X	X	X